Notes Ck'd by C. J. E.	Survey of L.A. Co. Precise Level Net	F. B. 2853 PG. 5
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date May 61	
Date	Indexed [illegible] JUN 1 2 '61	

J.N. 0301.02

L.A.CO. PRECISE LEVEL NET

Line No. 54

Route

Crenshaw Blvd. and Santa Barbara Ave. S. to Stocker St. Then W. on Stocker St. to La Cienega Blvd. N. on La Cienega Blvd. to a private paved road through the Standard Oil Co. field to Jefferson Blvd.

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

Microfilmed Nov. 85

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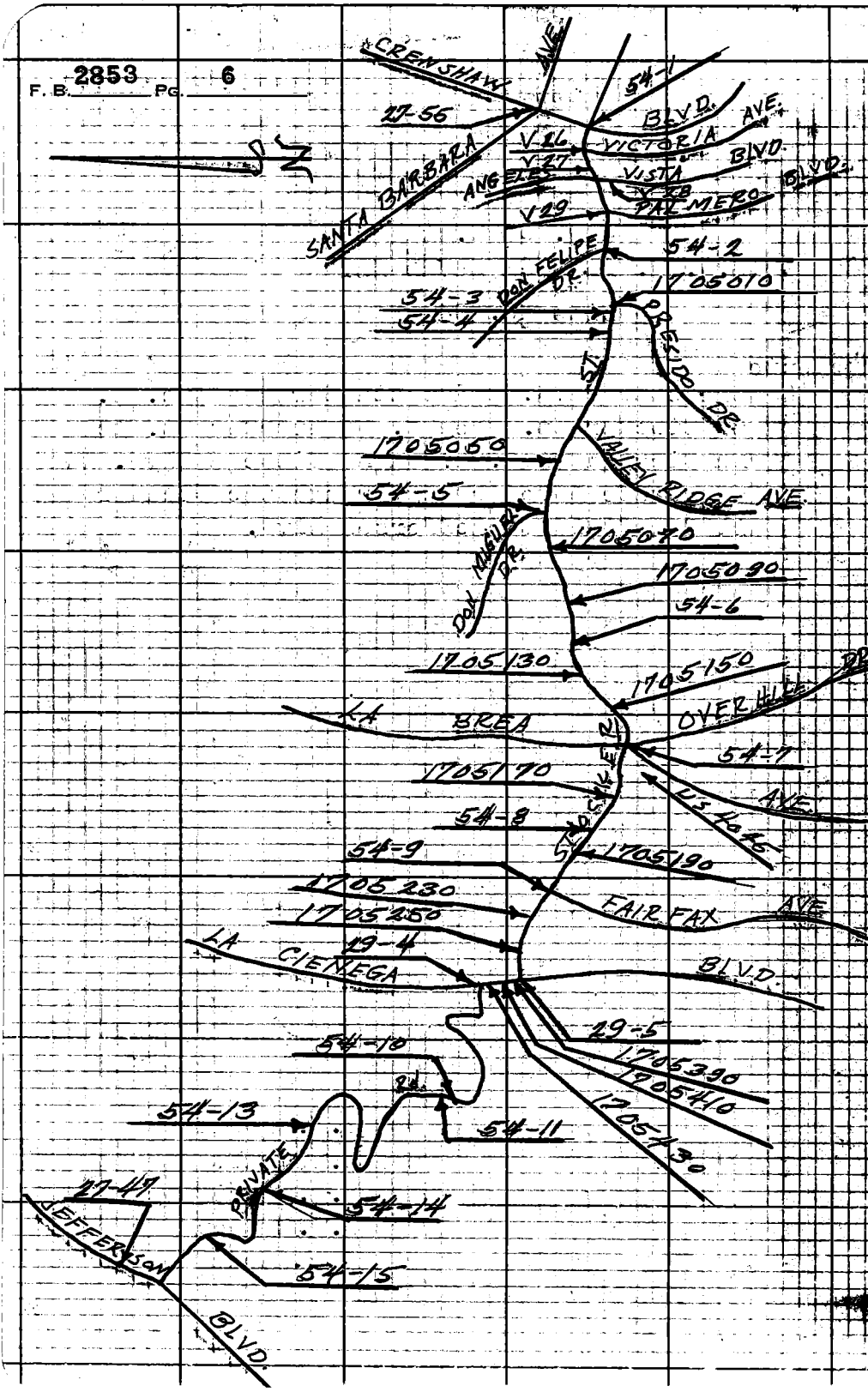
76F309S S&E #247 11-58

F. B. 2853 Pg. 6



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

Survey of L.A. Co. Precise Level Net
JN 0301.02 Tape Std °F
Surveyed by F. E. Brooks
Notes F. E. Brooks Date May 61
Indexed H. E. Ott

F. B. 2853 Pg. 7

Line No. 54 B.M. numbers

27-55
54-1
V 26
V 27
V 28
V 29
54-2
17 05010
54-3 also 17 05015
54-4
17 05050
54-5
17 05070
17 05090
54-6 also 17 05110
17 05130
17 05150
54-7 also PBM 171
USBM 4045
17 05170
54-8 also PBM 216
17 05190 also PBM 217
54-9
17 05230
17 05250
29-5 also 17 05370 and PBM 222
17 05390
17 05410
17 05430
29-4 also 17 05450
54-10a also PBM 144
54-11 also PBM 145
54-13 also PBM 606
54-14 also PBM 604

Cont on page 8

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76F3095 S&E #247 11-58

F.B. 2853 Pg. 8

Line No 54 Bench Mark Nos. Cont.

54-15 also PBM 601
27-47

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Chief of Party F. E. Brooks Weather Clear-Sun. Inst. No. 15066
Notes by Esquer Time 10:00-10:20 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 27-55 To BM 54-1
Date 5-8-61
Indexed H. E. On JUN 12 61

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6602		184		#19	4344		184		BM 27-55
1	6416		188			4160		186		Crenshaw Blvd at Santa
	6228		372			3974		370		Barbara Ave.
	19246	6415		372	78°	12478	4159		370	See F.B. 1393-7
	7331		186			2888		186		T LeGault
2	7145		185			2702		183		Summation of Run
	6960		371			2519		369		From B.M. 27-55
	21436	7145		743		8109	2703		739	To B.M. 54-1
	7292		183			2701		189		Total Backsights = + 27.969
3	7109		183			2512		185		Total Foresights = — 13.943
	6926		366			2327		374		Diff. Elev. = + 14.026 ✓
	21327	7109		1109		7540	2513		1113	Backsight stadia = 1,374
	7433		133			4693		125		Foresight Stadia = 1.363
4	7300		132			4568		125		Total Stadia = 2.737
	7168		265			4443		250		= .17mi
	21901	7300		1,374		13704	4568		1.363	BM 54-1
										Stocker St. at
										Crenshaw Blvd.
										See F.B. 2433-7
		27.969 ✓					13.943 ✓			

F.B. 2853 P.G. 9

LOS ANGELES COUNTY ENGINEER
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RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast-Wind Inst. No. 15066
Notes by Esquer Time 2:10 – 2:20 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-1 To BM 27-55
Date 5-9-61
Indexed H. F. OD

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4721		127		#19	7459		133		BM 54-1
1	4594		123			7326		133		Stocker St. at
	4471		250			7193		266		Crenshaw Blvd.
	13786	4595		250	74°	21978	7326		266	see F.B. 2433-7
	3272		184			7871		188		T Le Goulf
2	3088		186			7683		184		
	2902		370			7499		372		Summation of Run
	9262	3087		620		23053	7684		638	From B.M. 54-1
										To B.M. 27-55
	2831		189			7265		181		
3	2642		189			7084		179		Total Backsights = + 14.571
	2453		378			6905		360		Total Foresights = – 28.599 ✓
	7926	2642		998		21254	7085		998	Diff. Elev. = – 14.028
	4432		184			6691		188		Backsight stadia = 1.368
4	4248		186			6503		185		Foresight Stadia = 1.371
	4062		370			6318		373		Total Stadia = 2.739
	12742	4247		1.368		19512	6504		1371	0.17 mi
										BM 27-55
										Crenshaw Blvd. at
										Santa Barbara Ave.
										See F.B. 1393-7
		14.571					28.599			

F.B. 2853 P.G. 10

76P526-CE 379—10-57

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Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by F. E. Brooks Time 10:15 - 10:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-1 To BM V 26
Date 8 May 1961
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.932		.181		#19	1.342		.185		BM 54-1
	7.751		.180			1.157		.186		Crenshaw Blvd and
1	7.571		.361			0.971		.371		Stocker St.
	23.254	7.751		.361	78°	3.470	1.157		.371	See F.B. 2433-7
	8.304		.147			2.501		.121		BM V 26
	8.157		.149			2.380		.121		Stocker St. and Victoria
2	8.008		.296			2.259		.242		Ave
	24.469	8.156		.657		7.140	2.380		.613	See F.B. 786-186
	5.338		.030			5.309		.038		T Le Gault
	5.308		.031			5.271		.038		
3	5.277		.061			5.233		.076		Summation of Run
	15.923	5.308		.718		15.813	5.271		.689	From B.M. 54-1
										To B.M. V 26
										Total Backsights = + 21.215
										Total Foresights = − 8.808
										Diff. Elev. = +12.407
										Backsight stadia = 718
										Foresight Stadia = 689
										Total Stadia = 1407
										= .09 mi.
		21.215					8.808			

F.B. 2853 P.G. 11

0051

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Chief of Party F. E. Brooks Weather Clear, Windy Inst. No. 15066
Notes by Time 2100 - 2105 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.62
From BM V26 To BM 54-1
Date 3 May 1961
Indexed H. E. Orr

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.157		.037		#19	4.790		.039		BM V26
	5.120		.038			4.751		.038		Stocker St. and Victoria
	5.082		.075			9.713		.079		Blvd.
	15.359	5.120		075	74°	14.254	4.751		077	See F.B. 786 - 186
2	2.045		.146			8.230		.149		BM 54-1
	1.899		.146			8.081		.150		Stocker St. and Crenshaw
	1.753		.282			7.931		.299		Blvd.
	5.697	1.899		.357		24.242	8.081		.376	See F.B. 2433 - 7
3	1.226		.186			7.817		.183		↑ Le Gault
	1.040		.184			7.634		.182		Summation of Run
	0.856		.370			7.452		.365		From B.M. V26
	3.122	1.041		.727		22.903	7.634		741	To B.M. 54-1
										Total Backsights = + 8.060
										Total Foresights = −20.466
										Diff. Elev. = −12.406 ✓
										Backsight stadia = .727
										Foresight Stadia = 741
										Total Stadia = 1.468
										= .09 mi
		8.060					20.466			

F.B. 2853 P.G. 12

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Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by F. E. Brooks Time 10:30 - 10:35 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM V 26 To BM V 27
Date 8 May 1961
Indexed H. F. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.879		.120		#19	2.644		.121		BM V 26
	6.759		.119			2.523		.117		Stocker St. and Victoria
1	6.640		.239			2.406		.238		Ave.
	20.278	6.759		239	78°	7.573	2.524		238	See F.B. 786 - 186
	6.548		.071			3.778		.076		BM V 27
	6.477		.069			3.702		.074		Stocker St. and Angeles
2	6.408		.140			3.628		.150		Vista Blvd.
	19.433	6.478		.379		11.108	3.703		.388	See F.B. 786-186
										T Le Gault
										Summation of Run
										From B.M. V 26
										To B.M. V 27
										Total Backsights = + 13.237
										Total Foresights = − 6.229
										Diff. Elev. = + 7.010
										Backsight stadia = 379
										Foresight Stadia = 388
										Total Stadia = 767
										= .05 mi.
		13.237					6.227			

F.B. 2853 P.G. 13

0038

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Chief of Party F. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:55 - 2:00 Rod No. 19-20

L.A. Co. Precise Level No?
Name
Job No. 0301.02
From BM V27 To BM V 26
Date 9 May 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1.	3.779		.070		#19	6.553		.071		BM V 27
	3.709		.070			6.482		.074		Stocker St. and Angeles
	3.639		.140			6.408		.145		Vista Blvd.
	11.127	3.709		140	74°	19.443	6.481		.145	See F.B. 786-186
2.	2.702		.120			6.935		.117		BM V 26
	2.582		.119			6.818		.117		Stocker St. and Victoria
	2.463		.239			6.701		.234		Ave.
	7.747	2.582		379		20.454	6.818		.379	See F.B. 786-186

↑ Rodriguez

Summation of Run
From B.M. V 27
To B.M. V 26

Total Backsights = + 6.291
Total Foresights = − 13.299
Diff. Elev. = − 7.008 ✓

Backsight stadia = .379
Foresight Stadia = .379
Total Stadia = .758
= .05 mi

F.B. 2853 P.G. 14

6.291 13.299

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Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by F. E. Brooks Time 10:35 - 10:40 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM V27 To BM V28
Date 8 May 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.356		.083		#19	3.536		.081		BM V. 27
	7.273		.082			3.457		.081		Stocker St. and
1.	7.191		.165			3.376		.162		Angeles Vista Blvd.
	21.820	7.273		165	80°	10.371	3.457		.162	see F.B. 786-186
	6.521		.074			3.981		.096		BM V 28
	6.447		.076			3.885		.096		Stocker St. and Angeles
2	6.371		.150			3.789		.192		Vista Blvd.
	19.339	6.446		.315		11.655	3.885		354	see F.B. 1183-26
										Summation of Run From B.M. V 27 To B.M. V 28
										Total Backsights = + 13.719 Total Foresights = − 7.342 Diff. Elev. = +6.377 ✓
										Backsight stadia = 315 Foresight Stadia = 354 Total Stadia = .669 = .04 mi
		13.719					7.342			0034

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Chief of Party E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by E. E. Brooks Time 1:45 - 1:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM V 28 To BM V 27
Date 9 May 1961
Indexed H. E. OD

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	4.001		.096		#19	6.539		.074		BM V 28
	3.905		.097			6.465		.077		Stocker St. and Angeles
	3.808		.193			6.388		.151		Vista Blvd.
	11.714	3.905		.193	74°	19.392	6.464		.151	See F.B. 1183-26
2	3.472		.070			7.309		.088		BM V 27
	3.402		.070			7.221		.090		Stocker St. and Angeles
	3.332		.140			7.131		.178		Vista Blvd.
	10.206	3.402		.333		21.661	7.220		.329	See F.B. 1183-26
										Summation of Run T Rodriguez
										From B.M. V 28
										To B.M. V 27
										Total Backsights = + 7.307
										Total Foresights = − 13.684
										Diff. Elev. = −6.377 ✓
										Backsight stadia = .333
										Foresight Stadia = .329
										Total Stadia = .662
										= .04 mi
		7.307					13.684			

F.B. 1183 P.G. 16

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Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by F. E. Brooks Time 10:40 - 10:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM V28 To BM V29
Date 8 May 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.094		.089		#19	4.185		.090		BM V28
	7.005		.088			4.095		.089		Stocker St and Angeles
1	6.917		.177			4.006		.179		Vista Blvd.
	21.016	7.005		.177	82°	12.286	4.095		.179	See FB 1183-26
	7.579		.105			2.810		.105		BM V29
	7.474		.103			2.705		.104		Stocker St. and Palmero
2	7.371		.208			2.601		.209		Blvd.
	22.424	7.475		.385		8.116	2.705		.388	See F.B. 1183-26
	7.252		.090			2.778		.090		
	7.162		.089			2.688		.088		Summation of Run
3	7.073		.179			2.600		.178		From B.M. V28
	21.487	7.162		.564		8.066	2.689		.566	To B.M. V29
										Total Backsights = + 21.642
										Total Foresights = − 9.489
										Diff. Elev. = +12.153 ✓
										Backsight stadia = 564
										Foresight Stadia = 566
										Total Stadia = 1130
										= .07 mi.
		21.642 ✓					9.489 ✓			

F.B. 2853 P.G. 17

3645

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:40 - 1:45 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM V 29 To BM V 28
Date 9 May 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	2.722		.090		#19	7.201		.092		BM V 29
	2.632		.087			7.109		.088		Stocker St. and Palmero
	2.545		.177			7.021		.180		Blvd.
	7.899	2.633		.177	76°	21.331	7.110		.180	See F.B. 1183-26
2	2.757		.105			7.525		.103		Summation of Run
	2.652		.103			7.422		.104		From B.M. V29
	2.549		.208			7.318		.209		To B.M. V28
	7.958	2.653		.385		22.265	7.422		.387	T Rodriguez
3	4.089		.089			6.999		.088		BM V28
	4.000		.091			6.911		.090		Stocker St. and Angeles
	3.909		.180			6.821		.178		Vista Blvd.
	11.998	3.999		.565		20.731	6.910		.565	See F.B. 1183-26
										Total Backsights = + 9.284
										Total Foresights = − 21.442 ✓
										Diff. Elev. = −12.158
										Backsight stadia = 565
										Foresight Stadia = 565
										Total Stadia = 1.130
										= .07 mi.
		9.284 ✓					21.442 ✓			

F.B. 2853 P.G. 18

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Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by F. E. Brooks Time 10:50 – 10:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM V 29 To BM 54-2
Date 8 May 1961
Indexed H. E. O.

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.470		.147		#19	1.713		.147		BM V 29
	6.323		.144			1.566		.148		Palmero Blvd and
1.	6.179		.291			1.418		.295		Stocker St.
	18.972	6.324		.291	82°	4.697	1.566		.295	See F.B. 1183-26
	6.813		.078			3.543		.076		Summation of Run
	6.735		.078			3.467		.076		From B.M. V 29
2.	6.657		.156			3.391		.152		To B.M. 54-2
	20.205	6.735		.447		10.401	3.467		.447	
	7.788		.117			11.000		.115		BM 54-2
	7.671		.114			3.885		.113		Stocker St. and Don Felipe
3	7.557		.231			3.772		.228		Dr.
	23.016	7.672		.678		11.657	3.886		.675	See F.B. 2433-8
										Total Backsights = + 20.731
										Total Foresights = – 8.919
										Diff. Elev. = +11.812 ✓
										Backsight stadia = 678
										Foresight Stadia = 675
										Total Stadia = 1353
										= 0.09 mi.
		20.731					8.919			

F.B. 2853 P.G. 17

0051

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by F. E. Brooks
Weather Clear-Windy Time 1:30 - 1:40
Inst. No. 15066 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 54-2 To BM V 29
Date 9 May 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	3.889		.112		#19	7.682		.117		BM 54-2
	3.777		.114			7.565		.117		Stocker St. and Don
	3.663		.226			7.448		.234		Felipe Dr.
	11.329	3.776		.226	76°	22.695	7.565		.234	See F.B. 2433-8
2	3.443		.075			6.713		.079		Summation of Run
	3.368		.076			6.634		.078		From B.M. 54-2
	3.292		.151			6.556		.157		To B.M. V 29
	10.103	3.368		.377		19.903	6.634		.391	T Rodriguez
3	1.541		.153			6.287		.142		BM V 29
	1.388		.155			6.145		.140		Stocker St. and Palmero
	1.233		.308			6.005		.282		Blvd.
	4.162	1.387		.685		18.437	6.146		.673	See F.B. 1183-26
										Total Backsights = + 8.531
										Total Foresights = - 20.345 ✓
										Diff. Elev. = -11.814
										Backsight stadia = .685
										Foresight Stadia = .673
										Total Stadia = 1.358
										= .09 mi
		8.531					20.345			

F.B. 2853 P.G. 20

12

76P526-CE 379—10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Sun. Inst. No. 15066
Notes by Esquer Time 11:00 - 11:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-2 To BM 17-05010
Date 5-8-61
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	7884		124		#19	2794		123		BM 54-2
	7760		123			2671		120		Stocker St. and Don
	7637		247			2551		243		Felipe Dr.
	23281	7760		247	82°	8016	2672		243	See F.B. 2433-8
2	5090		064			3266		066		T.C. Gault
	5026		064			3200		063		
	4962		120			3137		129		Summation of Run
	15078	5026		367		9603	3201		372	From B.M. 54-2
										To B.M. 17-05010
3	8168		169			1273		170		Total Backsights = + 35.021
	7999		168			1103		171		Total Foresights = − 13.184
	7831		337			0932		341		Diff. Elev. = + 21.837 ✓
	23998	7999		704		3308	1103		713	
4	7943		170			1164		166		Backsight stadia = 1.172
	7773		170			0998		170		Foresight Stadia = 1.181
	7603		340			0828		336		Total Stadia = 2.353
	23319	7773		1044		2990	0997		1049	= .14 mi
5	6527		065			5277		067		BM 17-05010
	6462		063			5210		065		Stocker St. and
	6399		128			5145		132		Presidio Dr.
	19388	6463		1172		15632	5211		1181	
		35.021					13.184			

F.B. 2453 P.G. 21

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. N066
Notes by F. E. Brooks Time 1:15 - 1:30 Rod No. 19820

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 17-05010 To BM 54-2
Date 9 May 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5.278		.066		#19	6.528		.065		BM 17-05010
	5.212		.065			6.463		.064		Stocker St. and
	5.147		.131			6.399		.129		Presidio Dr.
	15.637	5.212		.131	76°	19.390	6.463		.129	
2	2.365		.167			9.137		.172		~~Le Gault~~ Rodriguez
	2.188		.166			8.965		.170		
	2.022		.333			8.795		.342		Summation of Run
	6.565	2.188		.464		26.897	8.966		.471	From B.M. 17 05010
3	1.675		.173			8.564		.169		To B.M. 54 - 2
	1.502		.175			8.395		.170		
	1.327		.348			8.225		.339		Total Backsights = + 14.965
	4.504	1.501		.812		25.184	8.395		.810	Total Foresights = − 36.802
										Diff. Elev. = − 21.837 ✓
4	3.443		.068			5.272		.071		Backsight stadia = 1.190
	3.375		.064			5.201		.074		Foresight Stadia = 1.202
	3.311		.132			5.127		.145		Total Stadia = 2.392
	10.129	3.376		.944		15.600	5.200		.955	= .15 mi.
5	2.911		.124			7.902		.124		BM 54 - 2
	2.687		.122			7.778		.123		Stocker St and Don
	2.565		.246			7.655		.247		Felipe Dr.
	8.063	2.688		1.190		28.335	7.778		1.202	See F.B. 2433-B
		14.965					36.802			

F.B. 2433 P.G. 22

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76P526-CE 379—10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Sun. Inst. No. 15066
Notes by Esquer Time 11:20 - 11:25 Rod No. 19-20

Name LA. Co. Precise Level Net
Job No. 0301.02
From BM 17-05010 To BM 54-3
Date 5-8-61
Indexed F. E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10038		194		#19	2856		189		BM 17-05010
1	9844		191			2667		189		Stocker St. and
	9653		385			2478		378		Presidio Dr.
	29535	9845		385	82°	8001	2667		378	
										T. LeGault
										BM 54-3
										Stocker St. 260 ft. W.
										of Presidio Dr.
										See F.B. 2433-9
										Summation of Run
										From B.M. 17-05010
										To B.M. 54-3
										Total Backsights = + 9845
										Total Foresights = — 2667
										Diff. Elev. = + 7178 ✓
										Backsight stadia = 385
										Foresight Stadia = 378
										Total Stadia = 0.763
										= .05 mi

F.B. 2653 P.G. 23

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:10 - 1:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-3 To BM 17-05010
Date 9 May 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.745		.190		#19	9.928		.193		BM 54-3
	2.555		.188			9.735		.190		Stocker St. 260 ft.
	2.367		.378			9.545		.383		W. of Presidio Dr.
	7.667	2.556		.378	76°	29.208	9.736		.383	See F.B. 2433-9
										T Rodriguez
										BM 17-05010
										Stocker St. and
										Presidio Dr.
										Summation of Run
										From B.M. 54-3
										To B.M. 17-05010
										Total Backsights = + 2.556
										Total Foresights = − 9.736
										Diff. Elev. = − 7.180 ✓
										Backsight stadia = .378
										Foresight Stadia = .383
										Total Stadia = .761
										= .05 mi

F.B. 2433 PG. 24

76P526-CE 379—10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by E. E. Brooks Time 11:30- Rod No. 19-20

Name LA. Co. Precise Level Net
Job No. 3301.02
From BM 54-3 To BM 54-4
Date 9 May 1961
Indexed E. E. on

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.762		.184		#19	1.592		.185		BM 54-3
	9.578		.185			1.407		.185		Stocker St. near
1.	9.393		.369			1.222		.370		house #3860
	28.733	9.578		369	80°	4.221	1.407		370	See F.B. 2433-9
	9.267		.186			1.751		.186		
	9.081		.182			1.565		.184		TL to Gault
2.	8.899		.368			1.381		.370		
	27.247	9.082		737		4.697	1.566		740	
	9.063		.185			1.536		.184		
	8.878		.186			1.352		.182		
3.	8.692		.371			1.170		.368		
	26.633	8.878		1.108		4.060	1.353		1.108	
	9.003		.183			1.777		.187		
	8.820		.183			1.590		.187		
4.	8.637		.366			1.403		.374		
	26.460	8.820		1.474		4.770	1.590		1.482	
	9.210		.185			1.768		.187		
	9.025		.185			1.581		.183		
5.	8.840		.370			1.398		.370		
	27.075	9.025		1.844		4.747	1.582		1.852	
		45.383					7.196			

F.B. 2833 P.G. 25

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by F. E. Brooks Time 11:30 - 11:40 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 54-3 To BM 54-4
Date May 1961
Indexed H. E. OB

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.638	15.383	.068	1.844		4.903	9.498	.074	1.852	BM 54-4
	6.570		.069			4.829		.072		Stocker St. 132 ft. E.
6	6.503		.135			4.757		.146		of Don Tomaso Dr.
	19.711	6.570		1.979		14.489	4.830		1.998	See F.B. 2433-10
										Summation of Run From B.M. 54-3 To B.M. 54-4
										Total Backsights = + 51.953 Total Foresights = − 12.328 Diff. Elev. = +39.625 ✓
										Backsight stadia = 1.979 Foresight Stadia = 1.998 Total Stadia = 3.977 = .25 mi OCAS
		51.953					12.328			

F.B. 2433 P.G. 26

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76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast-Wind Inst. No. 15066
Notes by Esquer Time 11:30 - 11:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-4 To BM 54-3
Date 5-9-61
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4629		067		#19	6368		065		BM 54-4
	4562		068			6303		066		Stocker St. 132 ft. E.
1	4494		135			6237		131		of Don Tomaso Dr.
	13685	4562		135	78°	18908	6303		131	see F.B. 2433-10
	1817		186			9262		184		
	1631		184			9078		187		T Le Goult
2	1447		370			8891		371		
	4895	1632		505		27231	9077		502	
	1743		185			8971		183		
	1558		189			8788		185		
3	1369		374			8603		368		
	4670	1557		879		26362	8787		870	
	1600		180			9132		186		
	1420		183			8946		188		
4	1237		363			8758		374		
	4257	1419		1242		26836	8945		1244	
	1819		186			9337		187		
	1633		183			9150		187		
5	1450		369			8963		374		
	4902	1634		1611		27450	9150		1618	
		10.804					42.262			

F.B. 2433 P.G. 27

19

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast-Wind Inst. No. 15066
Notes by Esquer Time 11:30-11:45 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 54-4 To BM 54-3
Date 5-9-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	1953	10,804	187	1611		10123	42.262	185	1618	BM 54-3
	1766		184			9938		187		Stocker St. 260 ft W.
	1582		371			9751		372		of Presidio Dr.
	5301	1767		1.982		29812	9937		1.990	
										Summation of Run From B.M. 54-4 To B.M. 54-3
										Total Backsights = + 12.571
										Total Foresights = — 52.199 ✓
										Diff. Elev. = - 39.628
										Backsight stadia = 1.982
										Foresight Stadia = 1.990
										Total Stadia = 3.972
										.25mi
		12.571					52.199			

F.B. 2453 P.G. 28

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Sunny Inst. No. 15.066
Notes by F. E. Brooks Time 11:40 - 11:55 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 54-4 To BM 17-05050
Date 8 May 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.999		.187		#19	1.892		.190		BM 54-4
	9.812		.184			1.703		.190		Stocker St. 132 ft. E.
1	9.628		.371			1.513		.380		of Don Tomaso Dr.
	29.439	9.813		.371	80°	5.108	1.703		.380	See F.B. 2433-10
	8.392		.151			2.292		.152		
	8.241		.151			2.140		.151		T Le Gau H
2	8.090		.302			1.989		.303		
	24.723	8.241		.673		6.421	2.140		.683	Summation of Run
	9.103		.186			1.771		.185		From B.M. 54-4
	8.917		.189			1.586		.186		To B.M. 17 05050
3	8.728		.375			1.400		.371		
	26.748	8.916		1.048		4.757	1.586		1054	Total Backsights = + 41.028
	9.060		.187			1.823		.182		Total Foresights = − 12.237 ✓
	8.873		.183			1.641		.181		Diff. Elev. = +28.791
4	8.690		.370			1.460		.363		
	26.623	8.874		1418		4.924	1.641		1417	Backsight stadia = 1.484
	5.217		.034			5.199		.032		Foresight Stadia = 1.482
	5.183		.032			5.167		.033		Total Stadia = 2.966 = .19 mi.
5	5.151		.066			5.134		.065		BM 17 05050
	15.551	5.184		1484		15.500	6.167		1482	Stocker St. 350 ft. E.
		41.028					12.237			of Don Miguel Dr.

F.B. 2853 P.G. 29

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Sun Inst. No. 15066
Notes by Esquer Time 11:15 - 11:25 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 17-05050 To B.M. 54-4
Date 5-9-61
Indexed H. E. Off

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5320		033		#19	5338		033		BM 17-05050
	5287		030			5305		032		Stocker St. 350 ft. E.
	5257		063			5273		065		of Don Miguel Dr.
	15864	5288		063	78°	15916	5305		065	T Lc Gault
2	2000		183			9231		185		Summation of Run
	1817		185			9046		183		From B.M. 17-05050
	1632		368			8863		368		To B.M. 54-4
	5449	1816		431		27140	9047		433	
3	1903		184			9239		191		Total Backsights = + 12.549
	1719		187			9048		187		Total Foresights = − 41.335
	1532		371			8861		378		Diff. Elev. = − 28.786 ✓
	5154	1718		802		27148	9049		811	
4	2189		149			8289		150		Backsight stadia = 1.482
	2040		152			8139		151		Foresight Stadia = 1.488
	1888		301			7988		301		Total Stadia = 2.970
	6117	2039		1103		24416	8139		1112	= 0.19 mi
5	1878		190			9983		187		BM 54-4
	1688		189			9796		189		Stocker St. 132 ft. E.
	1499		379			9607		376		of Don Tomaso Dr.
	5065	1688		1482		29386	9795		1488	See F.B. 2433-10
		12.549					41.335			

F.B. 2853 P.G. 30

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PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by Esquer Time 1:15-1:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 17-05050 To BM 54-5
Date 5-8-61
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	10071		187		#19	1992		186		BM 17-05050
	9884		183			1806		187		Stocker St. 350 ft. E.
	9701		370			1619		373		of Don Miguel Dr.
	29656	9885		370	60°	5417	1806		373	
2	7373		099			4328		091		T LeGoult
	7274		099			4237		093		
	7175		198			4144		184		BM 54-5
	21822	7274		.568		12709	4236		.557	Stocker St. and
										Don Miguel Dr.
										See F.B. 2433-11
										Summation of Run
										From B.M. 17-05050
										To B.M. 54-5
										Total Backsights = + 17.159
										Total Foresights = − 6.042
										Diff. Elev. = + 11.117
										Backsight stadia = 0.568
										Foresight Stadia = 0.557
										Total Stadia = 1.125
		17.159					6.042			= .09 mi

F.B. 2853 P.G. 31

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Sun. Inst. No. N066
Notes by Esquer Time 11:05-11:15 Rod No. 19120

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-5 To BM 17050 50
Date 5-9-61
Indexed H. E. ON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4522		094		#19	7564		099		BM 54-5
1	4428		091			7465		099		Stocker St. and
	4337		185			7366		198		Don Miguel Dr.
	13287	4429		185	78°	22395	7465		198	See F. B. 2433-11
	2087		190			10160		182		
2	1897		191			9978		181		T Le Gault
	1706		381			9797		363		
	5690	1897		566		29935	9978		561	BM 17050 50
										Stocker St. 350 ft. E. of Don Miguel Dr.
										Summation of Run
										From B.M. 54-5
										To B.M. 17-05050
										Total Backsights = + 6.326
										Total Foresights = − 17.443 ✓
										Diff. Elev. = − 11.117
										Backsight stadia = 0.566
										Foresight Stadia = 0.561
										Total Stadia = 1.127
		6.326					17.443			= .07 mi

F.B. 2853 PG. 32

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by Esquer Time 1:20 - 1:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-5 To BM 17-05070
Date 5-8-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8816		149		#19	2213		150		BM 54-5
1	8667		151			2063		150		Stacker St. and
	8516		300			1913		300		Don Miguel Dr.
	2999	8666		300	71°	6189	2063		300	See F.B. 2433-11
	7836		136			3377		135		
2	7700		134			3242		134		TLe Gault
	7566		270			3108		269		
	23102	7701		570		9727	3242		569	BM 17-05070
										Stacker St., 200 ft.
										W. of Don Miguel Dr.
										Summation of Run
										From B.M. 54-5
										To B.M. 17-05070
										Total Backsights = + 16.367
										Total Foresights = − 5.305
										Diff. Elev. = + 11.062
										Backsight stadia = 0.570
										Foresight Stadia = 0.569
										Total Stadia = 1.139
		16.367					5.305			= .07 mi

F.B. 2433 P.G. 23

LOS ANGELES COUNTY ENGINEER
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RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Sun Inst. No. 15066
Notes by Esquer Time 11:00 - 11:05 Rod No. 19120

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 17-05070 To BM 54-5
Date 5-9-61
Indexed H. E. OT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	3586		134		#19	8047		138		BM 17-05070
	3452		134			7909		135		Stocker St 200 ft.
	3318		268			7774		273		W. of Don Miguel Dr.
	10356	3452		268	78°	23730	7910		273	
2	2472		152			9074		149		T. Le Gault
	2320		149			8925		148		
	2171		301			8777		297		BM 54-5
	6963	2321		569		26776	8925		570	Stocker St. and
										Don Miguel Dr.
										See F.B. 2433-11
										Summation of Run
										From B.M. 17-05070
										To B.M. 54-5
										Total Backsights = + 5.773
										Total Foresights = − 16.835 ✓
										Diff. Elev. = − 11.062
										Backsight stadia = 0.569
										Foresight Stadia = 0.570
										Total Stadia = 1.139
										.07 mi
		5.773					16.835			

F.B. 2853 P.G. 34

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by Esquer Time 1:30 - 1:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 17-05070 To BM 1705090
Date 5-8-61
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	9645		186		#19	1309		188		BM 17-05070
	9459		188			1121		184		Stocker St. 200 ft.
	9271		374			0937		372		W. of Don Miguel
	28375	9458		374	76°	3367	1122		372	Dr.
2	9131		189			1310		190		T Le Gault
	8942		187			1120		187		
	8755		376			0933		377		Summation of Run
	26828	8943		750		3363	1121		749	From B.M.
3	9153		181			1538		187		To B.M.
	8972		184			1351		187		Total Backsights = + 44.141
	8788		365			1164		374		Total Foresights = — 6.943
	26913	8971		1115		4053	1351		1123	Diff. Elev. = + 37.198 ✓
4	8333		186			1204		184		Backsight stadia = 1.852
	8147		184			1020		188		Foresight Stadia = 1.860
	7963		370			0832		372		Total Stadia = 3.712
	24443	8148		1485		3056	1019		1495	= 0.23 mi
5	8805		184			2513		183		BM 1705090
	8621		183			2330		182		Stocker St. 0.28 mi
	8438		367			2148		365		W. of Don Miguel Dr.
	25864	8621		1852		6991	2330		1860	
		44.141 ✓					6.943 ✓			

F.B. 2653 P.G. 35

LOS ANGELES COUNTY ENGINEER
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SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks — Weather Clear. — Inst. No. 14066
Notes by F. E. Brooks — Time 10:35 - 10:50 — Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 17-05090 To BM 17-05070
Date 9 Nov 1961
Indexed H. E. OH

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	2.491		.187		#19	8.775		.177		BM 17-05090
	2.304		.184			8.598		.179		Stocker St. 0.28 mi
	2.120		.371			8.419		.356		W. of Don Miguel Dr.
	6.915	2.305		.371	78°	25.792	8.597		356	
2	1.291		.188			8.417		.186		T Le Gau H
	1.103		.185			8.231		.186		
	0.918		.373			8.045		.372		Summation of Run
	3.312	1.104		744		24.693	8.231		.728	From B.M. 17 05090
3	1.651		.187			9.268		.183		To B.M. 17 05070
	1.464		.185			9.085		.185		Total Backsights = + 7.675
	1.279		.372			8.900		.368		Total Foresights = − 44.867
	4.394	1.465		1.116		27.253	9.084		1.096	Diff. Elev. = -37.192 ✓
4	1.521		.188			9.341		.188		Backsight stadia = 1.862
	1.333		.185			9.153		.187		Foresight Stadia = 1.844
	1.148		.373			8.966		.375		Total Stadia = 3.706
	4.002	1.334		1.489		27.460	9.153		1.471	.24 m.
5	1.653		.186			9.988		.186		BM 17-05070
	1.467		.187			9.802		.187		Stocker St. 200 Ft.
	1.280		.373			9.615		.373		W. of Don Miguel Dr.
	4.400	1.467		1.862		29.405	9.802		1.844	
		7.675					44.867			

F.B. 2853 P.G. 36

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:45-1:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 6301.02
From BM 1705090 To BM 54-6
Date 8 May 1961
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.964		184		#19	1.329		186		BM 1705090
	9.780		186			1.143		190		Stocker St. 0.28mi W.
1	9.594		370			0.953		376		of Don Miguel Dr.
	29.338	9.779		370	74°	3.425	1.142		376	
	8.812		132			2.483		195		BM 54-6
	8.680		132			2.348		197		Stocker St. 198 W of
2	8.548		264			2.211		272		Don Lorenzo Dr.
	26.040	8.680		634		7.042	2.347		648	See F.B. 2433-12
										π Legault
										Summation of Run
										From B.M. 1705090
										To B.M. 54-6
										Total Backsights = + 18.459
										Total Foresights = − 3.489
										Diff. Elev. = +14.970
										F.B. 2433 P.G. 37
										Backsight stadia = .634
										Foresight Stadia = .648
										Total Stadia = 1.282
										= .08 mi.
		18.459				3.489				

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:20 - 10:30 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 54-6 To BM 17 05090
Date 9 May 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.650		136		#19	8.978		133		BM 54-6
	2.514		134			8.845		134		Stocker St. 198 ft. W
1	2.380		270			8.711		268		of Don Lorenzo Dr.
	7.544	2.515		270	80°	26.534	8.845		267	See F.B. 2433-12
	1.561		187			10.187		184		BM 17 05090
	1.364		187			10.003		184		Stocker St. 0.28 mi.
2	1.177		374			9.819		368		W. of Don Miguel Dr.
	4.092	1.364		644		30.009	10.003		635	& Le Gault
										Summation of Run From B.M. 54-6 To B.M. 17 05090
										Total Backsights = + 3.879 Total Foresights = − 18.848 Diff. Elev. = −14.969 ✓
										Backsight stadia = 644 Foresight Stadia = 635 Total Stadia = 1.279 = .08 mi.
		3.879					18.848			

F.B. 2823 P.G. 38

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:50 - 1:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-6 To BM 17 05 130
Date 8 May 1951
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	9.643		186		#19	1.693		190		BM 54-6
	9.457		187			1.503		186		Stocker St. 198 ft. W. of
	9.270		373			1.317		376		Don Lorenzo Dr.
	28.370	9.457		373	74°	4.513	1.504		376	See F.B. 2453-12
2	9.782		235			1.583		240		BM 17 05 130
	9.547		235			1.343		238		Stocker St. 0.49 mi W.
	9.312		470			1.105		478		of Don Miguel Dr.
	28.641	9.549		843		4.031	1.344		854	T LeGault
										Summation of Run
										From B.M. 54-6
										To B.M. 17 05 130
										Total Backsights = + 19.004
										Total Foresights = − 2.848
										Diff. Elev. = +16.156
										Backsight stadia = 843
										Foresight Stadia = 857
										Total Stadia = 1.690
										= .11 mi
		19.004					2.848			

F.B. 2853 P.G. 39

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 1705130 To BM 54-6
Date 9 May 1961
Indexed H. E. OD

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	1.874 1.639 1.401		.235 .238 .473		#19	10.079 9.840 9.604		.239 .236 .475		BM 1705130 Stocker St. 0.49 mi. W. of Don Miguel Dr.
	4.914	1.638		946	82°	29.523	9.841		495	
2	1.646 1.457 1.268		.189 .189 378			9.592 9.408 9.221		.184 .187 371		BM 54-6 Stocker St. 198 ft. W. of Don Miguel Dr. See F.B. 2433-12
	4.371	1.457		857		28.221	9.407		846	
										Summation of Run From B.M. 1705130 To B.M. 54-6
										Total Backsights = + 3.095 Total Foresights = − 19.248 Diff. Elev. = −16.153 ✓
F.B. 2853 P.G. 40										Backsight stadia = .851 Foresight Stadia = 846 Total Stadia 1.697 = .11 mi.
		3.095					19.248			

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by Esquer Time 2:05 - 2:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 1705130 To BM 1706150
Date 5-8-61
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	8676		119		#19	1188		120		BM 1705130
	8557		122			1068		119		Stocker St. 0.49 mi.
	8435		241			0949		239		W. of Don Miguel Dr.
	25668	8556		241	76°	3205	1068		239	
2	9753		116			0574		121		T LeGault
	9637		118			0453		120		
	9519		234			0333		241		
	28909	9636		475		1360	0453		480	
3	10518		117			0897		120		
	10401		119			0777		119		
	10282		236			0658		239		
	31201	10400		711		2332	0777		719	
4	10537		106			1143		104		
	10431		102			1039		105		
	10329		208			0934		209		
	31297	10432		919		3116	1039		928	
5	10292		105			0507		105		
	10187		104			0402		104		
	10083		209			0298		209		
	30562	10187		1128		1207	0402		1137	
		49.211					3739			

F.B. 2853 P.G. 41

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SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by Esquer Time 2:05 - 2:25 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 1705130 To BM 1705150
Date 5-8-61
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
C	7204	49.211	035	11.28		4392	37.34	040	11.37	BM 17-05150
	7169		034			4352		040		Stocker St. 0.64 miles
	7135		069			4312		080		W. of Don Miguel Dr.
	21508	7169		1197		13056	4352		1217	
										Summation of Run From B.M. 17-05130 To B.M. 17-05150
										Total Backsights = + 56.380 Total Foresights = — 8.091 Diff. Elev. = + 48.289
										Backsight stadia = 1.197 Foresight Stadia = 1.217 Total Stadia = 2.414 = 0.15 mi
		56.380					8.091			

E.B. 283 P.G. 12

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 9:45 - 10:20 Rod No. 19F20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 17-05150 To BM 17-05130
Date 9 May 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	4.218		.038		#19	7.031		.036		BM 17-05150
	4.180		.038			6.995		.036		Stocker St., 0.64 mi.
	4.142		.076			6.959		.072		W. of Don Miguel Dr.
	12.540	4.180		.076	76°	20.985	6.995		.072	
2	0.618		.105			10.406		.105		T Le Gault
	0.513		.103			10.301		.105		
	0.410		.208			10.196		.210		
	1.541	0.514		.284		30.903	10.301		.282	
3	1.251		.103			10.644		.104		
	1.148		.105			10.540		.104		
	1.043		.208			10.436		.208		
	3.442	1.147		.492		31.620	10.540		.490	
4	0.858		.120			10.480		.119		
	0.738		.119			10.361		.118		
	0.619		.239			10.243		.237		
	2.215	0.738		.731		31.084	10.361		.727	
5	0.977		.120			10.157		.118		
	0.857		.122			10.039		.119		
	0.735		.242			9.920		.237		
	2.569	0.856	✓	.973		30.116	10.039	✓	.964	
		7.435					40.236			

F.B. 2853 P.G. 43

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

RED INK; WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 9:45 - 10:20 Rod No. 19120

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 17-05150 To BM 17-05130
Date 9 May 1961
Indexed F. E. Br

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	1.109	0.435	.118	.973		8.602	8.236	.119	.964	BM 17-05130
	0.991		.114			8.483		.118		Stocker St. 0.49 mi.
	0.877		.232			8.365		.237		W. of Don Miguel Dr.
	2.977	0.992		1.205		25.450	8.483		1.201	
										Summation of Run
										From B.M. 17 05150
										To B.M. 17 05130
										Total Backsights = + 8.427
										Total Foresights = − 56.719
										Diff. Elev. = − 48.292 ✓
										Backsight stadia = 1.205
										Foresight Stadia = 1.201
										Total Stadia = 2.406
										= .15 mi
		8.427					56.719			

F.B. 2253 P.G. 44

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15046
Notes by F. E. Brooks Time 2:25 - 2:30 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 1705150 To BM 54-7
Date 8 May 1961
Indexed B. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.262		.122		#19	0.522		.119		BM 1705150
	11.140		.121			0.403		.121		Stocker St. 400 ft
1	11.019		.243			0.282		.240		E. of La Brea Ave
	33.421	11.140		243	74°	1.207	0.402		240	
	6.642		.046			3.257		.047		T. LeGault
	6.596		.046			3.790		.045		Summation of Run
2.	6.550		.092			3.745		.092		From B.M. 1705150
	19.788	6.596		.335		11.372	3.791		.332	To B.M. 54-7
	8.774		.186			4.172		.184		BM 54-7
	8.588		.187			3.988		.184		Stocker St. and La Brea
3	8.401		.373			3.804		.368		Ave
	25.763	8.588		.708		11.964	3.988		.700	See F.B. 2433-B
										Total Backsights = + 26.324
										Total Foresights = − 8.181
										Diff. Elev. = +18.143
										Backsight stadia = 708
										Foresight Stadia = 700
										Total Stadia = 1408
										.09 mi.
		26.324					8.181			

F.B. 2433 P.G. 45

0051

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SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Sun Inst. No. 15066
Notes by Esquer Time 9:40 - 9:45 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 54-7 To BM 17-05150
Date 5-9-61
Indexed H.E.cm

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4055		185		#19	8659		188		BM 54-7
	3870		186			8471		188		Stocker St. and La Brea
1	3684		371			8283		376		Ave.
	11609	3870		371	76°	25413	8471		376	See F.B. 2433-13
	3775		046			6579		045		Le Gout
	3729		045			6534		046		
2	3684		091			6488		091		Summation of Run
	11188	3729		462		19601	6534		467	From B.M. 54-7
	0421		120			11163		122		To B.M. 17-05150
	0301		119			11041		121		BM 17-05150
3	0182		239			10920		243		Stocker St. 400 ft. E. of
	0904	0301		701		33124	11041		710	La Brea Ave.

F.B. 2813 P.G. 46

Total Backsights = + 7.900
Total Foresights = − 26.046
Diff. Elev. = − 18.146 ✓

Backsight stadia = 0.701
Foresight Stadia = 0.710
Total Stadia = 1.411
= .09 mi

7.900 | 26.046

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks — Weather Clear - Windy — Inst. No. 15066
Notes by F. E. Brooks — Time 2:35 - 2:50 — Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM54-7 To U.S. BM 4045
Date 8 May 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1.	4.857		.121		#19	7.514		.122		BM54-7
	4.730		.118			7.392		.121		Stocker St. and La
	4.612		.239			7.271		.243		Brea Ave
	14.193	4.731		.239	74°	22.177	7.392		.243	See F.B. 2433-13
2.	2.520		.091			6.663		.093		
	2.429		.092			6.570		.091		N. La Habra
	2.337		.183			6.479		.184		
	7.286	2.429		.422		19.712	6.571		.427	~~Summation of Run~~
3	2.065		.099			4.256		.106		From B.M. 54-7
	1.966		.099			4.150		.107		To ~~B.M.~~ USBM 4045
	1.867		.198			4.043		.213		
	5.898	1.966		.620		12.449	4.150		.640	Total Backsights = + 29.441
4.	8.752		.077			1.769		.068		Total Foresights = − 23.713 ✓
	8.675		.076			1.701		.066		Diff. Elev. = + 5.728
	8.599		.153			1.635		.134		Backsight stadia = 1.059
	26.026	8.675		.773		5.105	1.702		.774	Foresight Stadia = 1.058
5	11.783		.142			4.040		.142		Total Stadia = 2.117 = .14mi
	11.641		.144			3.898		.142		U.S. BM 4045
	11.497		.286			3.756		.284		Stocker St. at La Brea
	34.921	11.640		1059		11.694	3.898		1058	Ave. S. Cal. Edison Sub-
		29.441					23.713			Station See F.B.

F.B. 2433 P.G. 47

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Sun Inst. No. K5066
Notes by Esquer Time 9:20 - 9:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 03-01.02
From U.S.B.M. 4045 To B.M. 54-7
Date 5-9-61
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	4169		141		#19	11914		143		U.S. BM 4045
	4028		145			11771		143		Stocker St. at La Brea. Ave
	3883		286			11628		286		S. Cal. Edison Sub-station
	12080	4027		286	72°	35313	11771		286	See F.B.
2	1578		073			8549		070		T Rodriguez
	1505		074			8479		071		Summation of Run
	1431		147			8408		141		From B.M. U.S. BM. 4045
	4514	1505		433		25436	8479		427	To B.M. 54-7
3	3929		108			1738		100		Total Backsights = + 23.144
	3821		109			1638		099		Total Foresights = — 28.874
	3712		217			1539		199		Diff. Elev. = — 5.730 ✓
	11462	3821		650		4915	1638		626	
4	6558		090			2422		093		
	6468		087			2329		095		Backsight stadia = 1.060
	6381		177			2234		178		Foresight Stadia = 1.056
	19407	6469		827		6985	2328		804	Total Stadia = 2.116 .14 mi
5	7438		116			4784		125		BM 54-7
	7322		117			4659		127		Stocker St at La Brea
	7205		233			4532		252		Ave
	21965	7322	✓	1060		13975	4658		1056	See F.B. 2433-B
		23.144					28.874	✓		

F.B. 2433 P.G. 48

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by E. E. Brooks
Weather Clear-Windy Inst. No. 15066
Time 2:50 - 3:05 Rod No. 19-20

LA. Co. Precise Level Net
Name
Job No. 0301.02
From USBM 4045 To BM 1705170
Date 8 May 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	3.930		.143		#19	11.677		.146		U.S.B.M. 4045
	3.787		.142			11.531		.143		Stocker St. & La Brea Ave. at
	3.645		.285			11.388		.289		S. Cal. Edison Sub-station
	11.362	3.787		.285	74°	34.596	11.532		.289	See F.B.
2	1.521		.073			8.490		.070		⊼ LeGault
	1.448		.074			8.420		.071		
	1.374		.147			8.349		.141		Summation of Run
	4.343	1.448		.432		25.259	8.420		.430	From B.M. USBM 4045
										To B.M. 1705170
3	2.382		.071			6.791		.074		
	2.311		.071			6.717		.073		Total Backsights = + 8.427
	2.240		.142			6.644		.147		Total Foresights = − 36.939 ✓
	6.933	2.311		.574		20.152	6.717		.577	Diff. Elev. = −28.512
4	0.961		.080			10.348		.079		B.M. 1705170
	0.881		.080			10.269		.077		Stocker St. N. of 1st
	0.801		.160			10.192		.156		Curve W of La Brea Ave.
	2.643	0.881		.734		30.809	10.276		.733	
										Backsight stadia = 734
										Foresight Stadia = 733
										Total Stadia = 1.467
		8.427					36.939			= .09 m

F.B. 2833 P.G. 49

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Sun Inst. No. 15066
Notes by Esquer Time 9:10 - 9:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 17051170 To USBM 4045
Date 5-9-61 H. E. Ott
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	11911		079		#19	2522		080		BM 17051170
	11832		078			2442		080		Stocker St. Pt. of 1st
	11754		157			2362		160		Curve W. of La Brea Ave
	35497	11832		157	70°	7326	2442		160	T Rodriguez
2	7548		076			3138		070		Summation of Run
	7472		074			3068		069		From B.M. 17-05170
	7398		150			2999		139		To B.M. US B.M. 4045
	22418	7473		307		9205	3068		299	
3	8488		069			1521		076		Total Backsights = + 39.463
	8419		070			1445		076		Total Foresights = − 10.952
	8349		139			1369		152		Diff. Elev. = + 28.511 ✓
	25256	8419		446		4335	1445		451	
4	11882		143			4141		143		U.S.B.M. 4045
	11739		142			3998		145		Stocker St. at La Brea Ave
	11597		285			3853		288		S. Cal. Edison Sub Station
	35218	11739		731		11992	3997		739	see F.B.
										Backsight stadia = 0.731
										Foresight Stadia = 0.739
										Total Stadia = 1.470
		39.463					10.952			= .09 mi

F.B. 2853 P.G. 50

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 3:10 - 3:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 1705170 To BM 54-B
Date 8 May 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.539		.073		#19	6.271		.073		BM 1705170
	5.466		.073			6.198		.075		Stocker St. P.I. of 1st
1.	5.393		.146			6.123		.148		Curve W. of La Brea Ave
	16.398	5.466		.146	74°	18.592	6.197		.148	
	0.983		.095			9.370		.096		TLeGault
	0.888		.097			9.274		.094		
2.	0.791		.192			9.180		.190		
	2.662	0.887		338		27.824	9.275		338	
	0.424		.095			10.012		.087		
	0.329		.095			9.925		.087		
3.	0.234		.190			9.838		.174		
	0.987	0.329		528		29.775	9.925		512	
	0.741		.090			9.831		.086		
	0.651		.088			9.745		.086		
4.	0.563		.178			9.659		.172		
	1.955	0.652		.706		29.235	9.745		.684	
	1.059		.089			9.407		.088		
	0.970		.087			9.319		.086		
5	0.883		.176			9.233		.174		
	2.912	0.971		.882		27.959	9.320		.858	
		8.305					44.462			

F.B. 2853 P.G. 57

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 3:10 3:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 1705170 To BM 54-8
Date
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6.	0.882	0.305	.086	.882		9.088	44.42	.087	8.58	
	0.794		.086			9.001		.088		
	0.708		.174			8.913		.175		
	2.384	0.795		1.056		27.002	9.001		1.033	
7.	3.599		.087			4.050		.090		BM 54-8
	3.510		.086			3.960		.089		Stocker St. 0.25 mi
	3.424		.173			3.871		.179		W. of La Brea Ave
	10.531	3.510		1.229		11.881	3.960		1.212	See F.B. 2433-14
										Summation of Run From B.M. 1705170 To B.M. 54-8
										Total Backsights = + 12.610 Total Foresights = − 57.423 Diff. Elev. = − 44.813 ✓
										Backsight stadia = 1,229 Foresight Stadia = 1,212 Total Stadia = 2,441 = .15 mi
		12.610					57423			

F.B. 2433 P.G. 52

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Sun Inst. No. 15066
Notes by Esquer Time 8:45-9:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-8 To BM 170.51 70
Date 5-9-61
Indexed H. E. ON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	4024 3937 3848 11809	3936	087 089 176	176	#19 72°	3574 3487 3399 10460	3487	087 088 175	175	BM 54-8 Stocker St. 0.25 mi. W. of La Brea Ave See F.B. 2433-14
2	9104 9017 8929 27050	9017	087 088 175	351		0897 0809 0721 2427	0809	088 088 176	351	T Rodriguez
3	9457 9368 9282 28107	9369	089 086 175	526		1108 1019 0932 3059	1020	089 087 176	527	
4	9758 9668 9582 29008	9669	090 086 176	702		0662 0573 0487 1722	0574	089 086 175	702	F.B. 2603 P.G. 53
5	9988 9899 9811 29698	9899	089 088 177	879		0401 0305 0209 0915	0305	096 096 192	894	
		41.890					6195			

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Sun Inst. No. 15466
Notes by Esquer Time 8:45-9:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-8 To BM 17-05170
Date 5-9-61
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	9789	41.890	098	879		1394	6.195	092	894	
	9691		100			1302		091		
	9591		198			1211		183		
	29071	9690		1077		3907	1302		1077	
7	7882		073			7149		072		BM 17-05170
	7809		075			7077		074		Stocker St. PI of 1st
	7734		148			7003		146		Curve W. of La Brea Ave
	23425	7808		1225		21229	7076		1223	
										Summation of Run
										From B.M. 54-8
										To B.M. 17-05170
										Total Backsights = + 59.388
										Total Foresights = − 14.573 ✓
										Diff. Elev. = + 44.815
										Backsight stadia = 1.225
										Foresight Stadia = 1.223
										Total Stadia = 2.448
										= 0.15 mi
		59.388					14.573			

F.B. 2853 P.G. 54

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Sun. Inst. No. 15066
Notes by Esquer Time 9:10 - 9:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-8 To BM 17-05190
Date 5-10-66
Indexed E. E. GM

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	0448		044		#19	7329		045		BM 54-8
	0404		044			7284		044		Stocker St. 0.25 mi
	0360		088			7240		089		W. of La Brea Ave
	1212	0404		088	66°	21853	7284		089	See F.B. 2453-14
2	0986		118			8757		124		
	0868		116			8633		121		↑ LeGault
	0752		234			8512		245		
	2606	0869		322		25902	8634		334	
3	0951		169			9759		157		BM 17-05190
	0782		167			9602		155		Stocker St. 2nd curve
	0615		336			9447		312		W. of La Brea Ave
	2348	0783		658		28808	9603		646	
										Summation of Run
										From B.M. 54-8
										To B.M. 17-05190
										Total Backsights = + 2.056
										Total Foresights = − 25.521
										Diff. Elev. = − 23.465 ✓
										Backsight stadia = 0.658
										Foresight Stadia = 0.646
										Total Stadia = 1.304
		2.056					25521			.08 mi

F.B. 2453 P.G. 55

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sun-Windy Inst. No. 15066
Notes by Esquer Time 2:25 - 2:30 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 17-05190 To BM 54-8
Date 5-11-61
Indexed H.E.O.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	9861		160		#19	1050		166		BM 17-05190
	9701		158			0884		164		Stocker St. 2nd curve
	9543		318			0720		330		W. of La Brea Ave.
	29105	9702		318	66°	2654	0885		330	
2	9023		126			1244		114		T LeGoult
	8897		126			1130		113		
	8771		252			1017		227		
	26691	8891		570		3391	1130		557	
3	7279		044			0400		044		BM 54-8
	7235		044			0356		046		Stocker St. 0.25 mi
	7191		088			0310		090		W. of La Brea. Ave.
	21705	7235		658		1066	0355		667	See F.B. 2433 - 14
		25.834					2.370			

F.B. 2853 P.G. 56

Summation of Run
From B.M. 17-05190
To B.M. 54-8

Total Backsights = + 25.834
Total Foresights = - 2.370
Diff. Elev. = + 23.464 ✓

Backsight stadia = 0.658
Foresight Stadia = 0.667
Total Stadia = 1.325
= 0.08 mi

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Sun. Inst. No 15 d6
Notes by Esquer Time 9:15-9:25 Rod No 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 17 05 19 To BM 54-9
Date 5-10-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	3246		183		#19	9240		183		BM 17 05 190
	3063		183			9057		186		Stocker St. 2nd Curve
	2880		366			8871		369		W. of La Brea Ave
	9189	3063		366	66°	27168	9056		369	
2	0971		182			8651		184		T LeGault
	0789		186			8467		184		
	0603		368			8283		368		
	2363	0788		734		25401	8467		737	
3	2154		126			8449		128		BM 54-9
	2028		127			8321		130		Stocker St. and
	1901		253			8191		258		Fairfax Ave.
	6083	2028		987		24961	8320		995	See F.B. 2433-15
										Total Backsights = +
										Total Foresights = -
										Summation of Run
										From B.M. 17-05190
										To B.M. 54-9
										Total Backsights = + 5.879
										Total Foresights = - 25.843 ✓
										Diff. Elev. = - 19.964
										Backsight stadia = 0.987
										Foresight Stadia = 0.995
										Total Stadia = 1.982
		5.879					25.843			.08 mi

F.B. 2853 P.G. 57

LOS ANGELES COUNTY ENGINEER
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RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sun - Windy Inst. No. 4066
Notes by Esquer Time 2:15 - 2:25 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-9 To BM 17-05190
Date 5-11-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8419		131		#19	2123		127		BM 54-9
1	8288		128			1996		127		Stocker St. and
	8160		259			1869		254		Fairfax Ave.
	24867	8289		259	68°	5988	1996		254	See F.B. 2433-15
	8785		182			1107		184		
2	8603		183			0923		182		T Le Gault
	8420		365			0741		366		
	25808	8603		624		2771	0924		620	BM 17-05190
	9356		184			3364		184		Stocker St. 2nd curve
3	9172		184			3180		182		W. of La Brea Ave.
	8988		368			2998		366		
	27516	9172		992		9542	3181		986	Summation of Run
										From B.M. 54-9
										To B.M. 17-05190
										Total Backsights = + 26.064
										Total Foresights = - 6.101 ✓
										Diff. Elev. = + 19.963
										Backsight stadia = 0.992
										Foresight Stadia = 0.986
										Total Stadia = 1.978
		26.064					6.101			.108 mi

F.B. 2433 P.G. 58

76P526-CE 379--10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Sun Inst. No. 15066
Notes by Esquer Time 9:25 - 9:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-9 To BM 17052 30
Date 5-10-66
Indexed H. E. on

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2071		148		#19	10219		147		BM 54-9
1	1923		145			10072		145		Stocker St. and Fairfax
	1778		293			9927		292		Ave
	5772	1924		293	66°	30218	10073		292	See F.B. 2833-15
	0622		119			11366		120		
2	0503		118			11246		120		T. LeGoult
	0385		237			11126		240		
	1510	0503		530		33738	11246		532	BM 17-05230
										Stocker St. 1st Curve
										W. of Fairfax Ave

Summation of Run
From B.M. 54-9
To B.M. 17-05230

Total Backsights	= +	2,427
Total Foresights	= −	21.319
Diff. Elev.	= −	18.892 ✓
Backsight stadia	=	0.530
Foresight Stadia	=	0.532
Total Stadia	=	1.062
		.06 mi

F.B. 2833 P.G. 59

2.427 21.319

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sun-Windy Inst. No. 15066
Notes by Esquer Time 2:10 - 2:15 Rod No. 19/20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 17-05230 To BM 54-9
Date 5-11-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	11202		121		69	0461		120		BM 17-05230
	11081		118			0341		120		Stocker St. 1st curve
	10963		239			0221		240		W. of Fairfax Ave.
	33246	11082		239	68°	1023	0341		240	
2	10224		145			2078		147		T LeGault
	10079		147			1931		148		
	9932		292			1783		295		BM 54-9
	30235	10078		531		5792	1931		535	Stocker St. and
										Fairfax Ave.
										See F.B. 2433-15

Summation of Run
From B.M. ~~17-05230~~
To B.M. 54-9

Total Backsights	= +	21.160
Total Foresights	= −	2.272
Diff. Elev.	= +	18.888 ✓
Backsight stadia	=	0.531
Foresight Stadia	=	0.535
Total Stadia	=	1.066
	=	.06 mi

F.B. 2853 P.G. 60

21.160 2.272

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76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 9:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 1705230 To BM 1705250
Date 10 May 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.659		.099		#19	10.256		.103		BM 1705230
	1.560		.101			10.153		.101		Stocker St. 1st Curve
1.	1.459		.200			10.052		.204		W. of Fairfax Ave
	4.678	1.559		.200 ✓	66°	30.461	10.154		204 ✓	
										BM 1705250
										Stocker St. 1st Curve
										W. of Fairfax Ave
										TLe Gou H
										Summation of Run
										From B.M. 1705230
										To B.M. 1705250
										Σ Backsights = + 1.559
										Total Foresights = − 10.154 ✓
										Diff. Elev. = −8.595
										F.B. 2853 P.G. 61
										Backsight-stadia = .200
										Foresight Stadia = .204
										Total Stadia = .404
										= .03 mi

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sun - Windy Inst. No. 15066
Notes by Esquer Time 2:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 17 05250 To BM 17 05230
Date 5-11-61
Indexed H.E. on

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
					49					BM 17 05250 Stocker St. 1st Curve W. of Fairfax Ave.
1	10134		101			1539		100		
	10033		101			1439		099		
	9932		202			1340		199		
	30099	10033		202	68°	4318	1439		199	
										BM 17 05230 Stocker St. 1st Curve W. of Fairfax Ave. T LeGault
										Summation of Run From B.M. 17-05250 To B.M. 17-05230
										Total Backsights = + 10.033
										Total Foresights = — 1.439
										Diff. Elev. = + 8.594 ✓
										Backsight stadia = 0.202
										Foresight Stadia = 0.199
										Total Stadia = 0.401
										.03 mi
		10.033 ✓					1.439 ✓			

F.B. 2853 P.G. 62

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76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 9:40 – 9:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 1705250 To BM 29-5
Date 10 May 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1.	1.352		.111		#1	10.044		.108		BM 1705250
	1.241		.110			9.936		.109		Stocker St. 1st Curve
	1.131		.221			9.827		.217		W. of Fairfax Ave
	3.724	1.241		.221	66°	29.807	9.936		.217	
2.	0.450		.110			10.778		.110		D. LeGault
	0.340		.110			10.668		.109		Summation of Run
	0.230		.220			10.559		.219		From B.M. 17 05250
	1.020	0.340		.441		32.005	10.668		.436	To B.M. 29-5
3	0.901		.111			8.574		.112		Total Backsights = + 12.965
	0.790		.111			8.462		.111		Total Foresights = – 40.657
	0.679		.222			8.351		.223		Diff. Elev. = – 27.692
	2.370	0.790		.663		25.387	8.462		.659	
4	4.021		.183			4.712		.185		Backsight stadia = 1.284
	3.838		.186			4.527		.185		Foresight Stadia = 1.282
	3.652		.369			4.342		.370		Total Stadia = 2.566
	11.511	3.837		1032		13.581	4.527		1.029	= .16 mi
5	6.883		.125			7.191		.128		BM 29-5 PBM 222
	6.758		.127			7.063		.125		Stocker St. and La
	6.631		.252			6.938		.253		Cienega Blvd.
	20.272	6.757		1.484		21.192	7.064		1.282	See F.B. 1351-181
		12.965					40.657			

F.B. 2253 P.G. 13

10 55

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sun-Windy Inst. No. 15066
Notes by Esquer Time 1:50-2:05 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 29-5 To BM 1705250
Date 5-11-61
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	7182		125		#19	6877		127		BM 29-5 Stocker St. and La Cienega Blvd. See F.B. 1351-181
	7057		127			6750		127		
	6930		252			6623		254		
	21169	7056		252	68°	20250	6750		254	
2	4620		186			3929		185		T LeGoult Summation of Run From B.M. 29-5 To B.M. 17-05250
	4434		185			3744		183		
	4249		371			3561		368		
	13303	4434		623		11234	3745		622	
3	8330		110			0660		113		Total Backsights = + 40.189 Total Foresights = − 12.503 Diff. Elev. = + 27.686 ✓
	8220		112			0547		111		
	8108		222			0436		224		
	24658	8219		845		1643	0548		846	
4	10740		110			0413		109		Backsight stadia = 1.283 Foresight Stadia = 1.286 Total Stadia = 2.569 .16 mi.
	10630		109			0304		111		
	10521		219			0193		220		
	31891	10630		1064		0910	0303		1066	
5	9959		109			1267		110		BM 1705-250 Stocker St. 1st Curve W. of Fairfax Ave.
	9850		110			1157		110		
	9740		219			1047		220		
	29549	9850		1283		3471	1157		1286	
		40.189					12.503			

F.B. 2993 P.G. 64

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76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 9:50 - 9:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 29-5 To BM 17 05390
Date 10 May 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.859		.184		#19	3.972		.185		BM 29-5
	9.675		.184			3.787		.184		Stocker St. and La
1	9.491		.368			3.603		.369		Cienega Blvd.
	29.025	9.675		368	68°	11.362	3.787		369	See F.B. 1351-181
	5.069		.058			5.217		.060		BM 17 05390
	5.011		.058			5.157		.061		La Cienega Blvd 324 ft.
2	4.953		.116			5.096		.121		N. of Stocker
	15.033	5.011		484		15.470	5.157		480	
										T LeGault
										Summation of Run
										From B.M. 29-5
										To B.M. 17 05390
										Total Backsights = + 14.686
										Total Foresights = − 8.944
										Diff. Elev. = + 5.742
										F.B. 2853 P.G. 65
										Backsight stadia = .484
										Foresight Stadia = .480
										Total Stadia = .964
										= .06 mi
		14.686					8.944			

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:45 - 1:50 Rod No. 19-20

Name L.A. Co. Precise Level No. 1
Job No. 0301.02
From BM 1705390 To BM 29-5
Date 11 May 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5148		.060		#19	5.002		059		BM 1705390
	5.088		.060			4.943		058		La Cienega Blvd 324 ft.
	5.028		.120			4.885		.117		N. of Stocker St.
	15.264	5.088		120	68°	14.830	4.943		117	
2	4.023		183			9.910		185		BM 29-5
	3.840		183			9.725		183		Stocker St. and La
	3.659		.366			9.542		.368		Cienega Blvd.
	11.520	3.840		.486		29.177	9.726		485	See F.B. 1351-181
										Summation of Run From B.M. 1705390 To B.M. 29-5
										Total Backsights = + 8.928 Total Foresights = − 14.669 Diff. Elev. = − 5.741
										Backsight stadia = .486 Foresight Stadia = .485 Total Stadia = .971 = .06
		8.928					14.669			

F.B. 2853 P.G. 66

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76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Sun Inst. No. 15066
Notes by Esquer Time 9:55 - 10:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 17 05390 To BM 17 05410
Date 5-10-66 ON
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2186		130		#19	7469		132		BM 17 05390
1	2056		131			7337		131		La Cienega Blvd 324 ft.
	1925		261			7206		263		N of Stocker St.
	6167	2056		261	68°	22012	7337		263	
	2938		126			5420		129		T LeGault
2	2812		128			5291		129		
	2684		254			5162		258		BM 17-05410
	8434	2811		515		15873	5291		521	La Cienega Blvd. 750 ft.
										N. of Stocker St.

Summation of Run
From B.M. 17-05390
To B.M. 17-05410

Total Backsights = + 4.867
Total Foresights = − 12.628
Diff. Elev. = − 7.761 ✓

Backsight stadia = 0.515
Foresight Stadia = 0.521
Total Stadia = 1.036
.06 mi

F.B. 2853 P.G. 17

4.867 12.628

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by F. E. Brooks
Weather Clear - Windy Inst. No. N066
Time 1:40 - 1:45 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 17-05410 To BM 17-05390
Date 11 May 1961
Indexed H. E. on

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5.472		.129		#19	2.994		.127		BM 17-05410
	5.343		.127			2.867		.127		La Cienega Blvd. 750ft.
	5.216		.256			2.740		.254		N. of Stocker St.
	16.031	5.344		.256	68°	8.601	2.867		.254	
2	7.547		.130			2.264		.131		T Le Gault
	7.417		.133			2.133		.130		
	7.284		.263			2.003		.261		BM 17-05390
	22.248	7.416		.519		6.400	2.133		.515	La Cienega Blvd. 324ft.
										N. of Stocker St.
										Summation of Run
										From B.M. 17 05410
										To B.M. 17 05390
										Total Backsights = + 12.760
										Total Foresights = - 5.000
										Diff. Elev. = + 7.760 ✓
										Backsight stadia = 519
										Foresight Stadia = 515
										Total Stadia = 1.034
										= .07 mi
		12.760					5.000			

F.B. 2853 P.G. 68

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76P526-CE 379—10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Sun. Inst. No. 15066
Notes by Esquer Time 10:00-10:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 1705410 To BM 1705430
Date 5-10-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5534		176		#19	3543		184		BM 1705410
	5358		179			3359		186		La Cienega Blvd 750 ft.
	5179		355			3173		370		N. of Stocker St.
	16071	5357		355	68°	10075	3358		370	
2	6851		185			3673		184		T Le Gault
	6666		186			3489		183		Summation of Run
	6480		371			3306		367		From B.M. 17-05410
	19997	6666		726		10468	3489		737	To B.M. 17-05430
3	6732		189			3661		181		Total Backsights = + 24.167
	6543		186			3480		181		Total Foresights = − 14.722 ✓
	6357		375			3299		362		Diff. Elev. = + 9.445
	19632	6544		1101		10440	3480		1099	Backsight stadia = 1251
										Foresight Stadia = 1249
4	5675		075			4470		075		Total Stadia = 2.500
	5600		075			4395		075		BM 17-05430 1.6 mi
	5525		150			4320		150		La Cienega Blvd.
	16800	5600		1251		13185	4395		1249	1493 ft. N. of Stocker St.
		24.167					14.722			

F.B. 2853 P.G. 19

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:30 - 1:40 Rod No. 19120

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 17-05430 To BM 17-05410
Date 11 May 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	4.402		.077		#19	5.610		.075		BM 17-05430
	4.330		.075			5.535		.075		La Cienega Blvd. 1493 ft.
	4.255		.152			5.460		.150		N. of Stocker St.
	12.992	4.331		.152	68°	16.605	5.535		.150	T La Gault
2	3.581		.185			6.649		.186		Summation of Run
	3.396		.187			6.463		.184		From B.M. 17 05430
	3.209		.372			6.279		.370		To B.M. 17 05410
	10.186	3.395		.524		19.391	6.464		.520	Total Backsights = + 14.403
3	3.542		.183			6.720		.185		Total Foresights = − 23.853
	3.359		.185			6.535		.185		Diff. Elev. = − 9.450 ✓
	3.174		.368			6.350		.370		Backsight stadia = 1.264
	10.075	3.358		.892		19.605	6.535		.890	Foresight Stadia = 1.268
4	3.505		.185			5.498		.178		Total Stadia = 2.532 = .16mi
	3.320		.187			5.320		.180		BM 17-05410
	3.133		.372			5.140		.378		La Cienega Blvd. 750 ft.
	9.958	3.319		1.264		15.958	5.319		1.268	N. of Stocker St.
		14.403					23.853			

F.B. 2853 P.G. 70

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Sun. Inst. No. 15066
Notes by Esquer Time 10:15-10:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 1705430 To BM 29-4
Date 5-10-61
Indexed H.E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	2521		184		#19	2338		186		BM 1705430
	7337		186			2192		184		La Cienega Blvd. 1493
	7151		370			2008		370		St. N. of Stocker St.
	22009	7336		370	72°	6578	2193		370	
2	7899		186			2442		184		T. LeGault
	7713		185			2258		184		Summation of Run
	2531		368			2074		368		From B.M. 1705430
	23143	7714		738		6774	2258		738	To B.M. 29-4
3	7727		186			2398		187		Total Backsights = + 28.865
	7541		183			2211		183		Total Foresights = − 10.423
	7358		369			2028		370		Diff. Elev. = + 18.442 ✓
	22626	7542		1107		6637	2212		1108	Backsight stadia = 1.197
4	6318		045			3807		047		Foresight Stadia = 1.202
	6273		045			3760		047		Total Stadia = 2.399
	6228		090			3713		094		BM 29-4 0.15mi
	18819	6273		1.197		11280	3760		1202	La Cienega Blvd. 0.45mi
										N. of Stocker St.
		28.865					10.423			

F.B. 4853 P.G. 11

C-3

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks — Weather Clear - Windy — Inst. No. 15066
Notes by F. E. Brooks — Time 1:20 - 1:30 — Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 29-4 To BM 17-05430
Date 11 May 1961
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	3.959		.047		H19	6.471		.046		BM 29-4
	3.912		.046			6.425		.046		La Cienega Blvd.
	3.866		.093			6.379		.092		0.45 mi N. of Stocker St.
	11.737	3.912		.093	68°	19.275	6.425		.092	Summation of Run
2	2.413		.184			7.243		.185		From B.M. 29-4
	2.229		.186			7.058		.185		To B.M. 17-05430
	2.043		.370			7.373		.370		Total Backsights = + 10.577
	6.685	2.228		.463		21.674	7.558		.462	Total Foresights = − 29.021
3	2.403		.183			7.861		.186		Diff. Elev. = − 18.444 ✓
	2.220		.185			7.675		.185		
	2.036		.368			7.490		.371		Backsight stadia = 1.201
	6.658	2.219		.831		23.026	7.675		.833	Foresight Stadia = 1.204
4	2.402		.183			7.549		.186		Total Stadia = 2.405
	2.219		.187			7.363		.185		= .15 mi
	2.032		.370			7.178		.371		BM 17-05430
	6.653	2.218		.1201		22.090	7.363		.1204	La Cienega Blvd.
										1493 ft. N. of Stocker St.
										See F.B. 1351-180
		10.577					29.021			

F.B. 2823 P.G. 72

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76P526-CE 379---10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear- Inst. No 15066
Notes by F. E. Brooks Time 10:30 - 11:20 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 29-4 To BM 54-10
Date 10 May 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.502		.159		#19	1.144		.155		BM 29-4
	4.343		.160			0.989		.157		La Cienega Blvd 580 ft.
1	4.183		.319			0.832		.312		S. of Oil Co. bridge.
	13.028	4.343		.319	72°	2.965	0.988		.312	See F.B. 1351 - 180
	9.979		.111			1.648		.110		
	9.868		.109			1.538		.111		T Rodriguez
2	9.759		.220			1.427		.221		
	19.606	9.869		.539		4.613	1.538		.533	
	8.449		.074			0.925		.076		
	8.375		.072			0.849		.074		
3	8.303		.146			0.775		.150		
	25.127	8.376		.685		2.549	0.850		.683	
	9.499		.054			0.953		.054		
	9.445		.053			0.899		.055		
4	9.392		.107			0.844		.109		
	28.336	9.445		.792		2.696	0.899		.792	
	7.003		.184			3.899		.187		
	6.819		.186			3.712		.184		
5	6.633		.370		✓	3.528		.371		✓
	20.455	6.818		1.162		11.139	3.713		1.163	
		38.851					7.988			

F.B. 1353 P.G. 77

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RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:30 - 11:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 29-4 To BM 54-10
Date 10 May 1961
Indexed H. E. On

F.B. 2853 P.G. 74

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	6.557	38.851	.182	1.162		4.203	7.988	.174	1.163	
	6.375		.186			4.029		.171		
	6.189		.368			3.859		.345		
	19.121	6.374		1.530		12.091	4.030		1.508	
7	9.144		.085			1.199		.086		
	9.059		.087			1.113		.082		
	8.972		.172			1.031		.168		
	27.175	9.058		1.702		3.343	1.114		1.676	
8	9.819		.087			0.425		089		
	9.732		.089			0.336		.088		
	9.643		.176			0.248		.177		
	29.194	9.731		1.878		1.009	0.336		1853	
9	9.735		.080			1.163		.081		
	9.655		.081			1.082		.080		
	9.574		.161			1.002		.161		
	28.964	9.655		2.039		3.247	1.082		2014	
10	9.375		.080			1.609		.081		
	9.295		.080			1.528		.081		
	9.215		.160			1.447		.162		
	27.885	9.295		2.199	✓	4.584	1.528		2.176	✓
		82.964 ✓					16.078			

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 150.66
Notes by F. E. Brooks Time 10:30 – 11:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 29-4 To BM 54-10
Date 10 May 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	9.762	82.964	.107	2.199		1.758	16.078	.105	2.176	
	9.655		.103			1.653		.101		
	9.552		.210			1.552		.206		
	28.969	9.656		2.409		4.963	1.654		2.382	
12	9.133		.101			1.414		.103		
	9.032		.103			1.311		.103		
	8.929		.204			1.208		.206		
	27.094	9.031		2.613		3.933	1.311		2.588	
13	8.898		.101			2.449		.102		
	8.797		.104			2.347		.104		
	8.693		.205			2.243		.206		
	26.388	8.796		2.818		7.039	2.346		2.794	
14	9.758		.133			2.522		.137		
	9.625		.133			2.385		.134		
	9.492		.266			2.251		.271		
	28.875	9.625		3.084		7.158	2.386		3.065	
15	8.287		.180			4.911		.188		
	8.107		.180			4.723		.185		
	7.927		.360			4.538		.373		
	24.321	8.107		3.444		14.172	4.724		3.438	
		128.179					28.499			

F.B. P.G.

F.B. 2853 PG. 75

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:30 - 11:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 29-4 To BM 54-10
Date 10 May 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.102	128.179	.183	3.444		3.949	28.499	.184	3.438	Summation of Run
	2.919		.184			3.765		.186		From B.M. 29-4
16	2.735		.367			3.579		.370		To B.M. 54-10
	8.756	2.919		3.811		11.293	3.764		3.808	
	7.715		.168			1.275		.170		Total Backsights = + 152.102
	7.547		.169			1.105		.170		Total Foresights = − 39.550
17	7.378		.337			0.935		.340		Diff. Elev. = + 112.552 ✓
	22.640	7.547		4.148		3.315	1.105		4.148	
	6.955		.074			4.282		.074		Backsight stadia = 4.384
	6.881		.093			4.208		.073		Foresight Stadia = 4.389
18	6.808		.147			4.135		.147		Total Stadia = 8.773
	20.644	6.881		4.295		12.625	4.208		4.295	= .56 mi
	6.621		.046			2.021		.048		BM 54-10 PBM 1144
	6.575		.043			1.973		.046		Std. Oil Co. Well # Vickers
19	6.532		.089			1.927		.094		1, 35
	19.728	6.576		4.384		5.921	1.974		4.389	See F. B. 2433-16
		152.102					39.550			

F.B. 2853 P.G. 11

F.B. P.G.

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-sun Inst. No. 15066
Notes by Esquer Time 11:10 - 1:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM54-10 To BM29-4
Date 5-11-61
Indexed H. E. OT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1892		045		#19	6493		044		BM54-10
	1847		046			6449		045		Std. oil Co. well #Vickers
1	1801		091			6404		089		1, 35
	5540	1847		091	68°	19346	6449		089	see F.B. 2433-16
	4168		075			6838		073		
	4093		072			6765		073		T Rodriguez
2	4021		147			6692		146		
	12282	4094		238		20295	6765		235	
	11183		168			7625		170		
	1015		170			7455		170		
3	0845		338			7285		340		
	3043	1014		576		22365	7455		575	
	4042		183			3189		184		
	3859		187			3005		182		
4	3672		370			2823		366		
	11573	3858		946		9017	3006		941	
	4949		182			8333		184		
	4761		182			8149		184		
5	4585		364			7965		368		
	14301	4767		1310		24447	8149		1309	
		15,580					31,824			

F.B. 2433 P.G. 77

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LOS. ANGELES COUNTY ENGINEER
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RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - sun Inst. No. 15066
Notes by Esquer Time 11:10 - 1:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 54-10 To BM 29-4
Date 5-11-61
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	2421	15.580	136	1310		9658	31.824	133	1309	
	2285		133			9525		133		
	2152		269			9392		266		
	6858	2286		1579		28575	9525		1575	
7	2438		106			8884		101		
	2332		103			8783		102		
	2229		209			8681		203		
	6999	2333		1788		26348	8783		1778	
8	1359		100			9083		104		
	1259		100			8979		106		
	1159		200			8873		210		
	3777	1259		1988		26935	8978		1988	
9	1668		103			9669		104		
	1565		102			9565		103		
	1463		205			9462		207		
	4696	1565		2193		28696	9565		2195	
10	1499		081			9263		080		
	1418		081			9183		080		
	1337		162		✓	9103		160		✓
	4254	1418		2355		27549	9183		2355	
		24441					77858			

F.B. 2853 P.G. 78

76P526-CE 379---10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Sun Inst. No. 15066
Notes by Esquer Time 11:10 - 1:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 54-10 To BM 29-4
Date 5-11-61
Indexed H. E. ON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	1025	24.441	079	2355		9601	77.858	082	2355	
	0946		082			9519		080		
	0864		161			9439		162		
	2835	0945		2516		28559	9520		2517	
12	0425		088			9819		088		
	0337		089			9731		087		
	0248		177			9644		175		
	1010	0337		2693		29194	9731		2692	
13	1282		085			9227		088		
	1197		085			9139		086		
	1112		170			9053		174		
	3591	1197		2863		27419	9140		2866	
14	4069		170			6422		181		
	3899		172			6241		180		
	3727		342			6061		361		
	11695	3898		3205		18724	6241		3227	
15	3888		186			6985		183		
	3702		190			6802		180		1 hr lunch
	3512		376			6622		363		
	11102	3701		3581		20409	6803		3590	
		34.519					119.293			

F.B. 283 P.G. 79

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Sun Inst. No. 15066
Notes by Esquer Time 11:10 - 1:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 54-10 To BM 29-4
Date 5-11-61
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
16	0842	34.519	059	3581		9382	119.293	054	3590	Summation of Run From B.M. 54-10 To B.M. 29-4
	0783		056			9328		053		
	0727		115			9275		107		
	2352	0784		3696		21985	9328		3697	
17	0934		075			8458		073		Total Backsights = + 38.493 Total Foresights = — 151.025 Diff. Elev. = — 112.532 ✓
	0859		076			8385		073		
	0783		151			8312		146		
	2576	0859		3847		25155	8385		3843	
18	1623		111			9955		110		Backsight stadia = 4.381 Foresight Stadia = 4.377 Total Stadia = 8.758 = .36 mi
	1512		110			9845		112		
	1402		221			9733		222		
	4537	1512		4068		29533	9844		4065	
19	0975		156			4331		156		BM 29-4 La Cienega Blvd 680 ft. S. of oil Co. bridge See F.B. 1351-180
	0819		157			4175		156		
	0662		313			4019		312		
	2456	0819		4381		12525	4175		4377	
		38.493					151.025			

F.B. 2853 P.G. 80

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76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Sun Inst. No 16066
Notes by Esquer Time 8:40-9:30 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 29-4 To BM 54-10
Date 5-12-61
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4279		160		#19	0924		159		BM 29-4
	4119		157			0765		158		La Cienega Blvd 580ft
1	3962		317			0607		317		S. of oil Co. bridge
	12360	4120		317	62°	2296	0765		317	See F.B. 1351-180
	9923		111			1592		110		
	9812		110			1482		110		T Rodriguez
2	9702		221			1372		220		
	29437	9812		538		4446	1482		537	
	8397		074			0872		075		
	8323		074			0797		075		
3	8249		148			0722		150		
	24969	8323		686		2391	0797		687	
	9547		055			1002		055		
	9492		053			0947		058		
4	9439		108			0889		113		
	28478	9493		794		2838	0946		800	
	7069		185			3.963		186		
	6884		186			3.777		184		
5	6.698		371			3593		370		
	20.651	6.884		1165	✓	11.333	3.778		1170	
		38.632					11.968			

F.B. 2853 P.G. 81

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Sun Inst. No. 15066
Notes by Esquer Time 8:45-9:30 Rod No. 19-20

LA. Co. Precise Level Net
Name
Job No. 0301.02
From BM 29-4 To BM 64-10
Date 5-12-61
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	6492	38.632	183	1165		4139	7.768	172	1170	
	6309		181			3967		172		
	6128		364			3795		344		
	18929	6310		1529		11901	3967		1514	
7	9173		084			1232		085		
	9089		084			1147		086		
	9005		168			1061		171		
	27267	9089		1697		3440	1147		1685	
8	10371		088			0977		090		
	10283		086			0887		091		
	10197		174			0796		181		
	30851	10284		1870		2660	0887		1866	
9	9612		080			1041		082		
	9532		080			0959		081		
	9452		160			0878		163		
	28596	9532		2030		2878	0959		2029	
10	9279		080			1513		081		
	9199		080			1432		083		
	9119		160			1349		164		
	27597	9199		2190		4294	1431		2193	
		83.040					16.159			

F.B. 283 P.G. 82

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Sun. Inst. No. 15466
Notes by ESQUER Time 8:45 - 9:30 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301, 02
From BM 29-4 To BM 54-10
Date 5-12-66
Indexed E. E. ON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	9651	85.046	102	2190		1649	1618	101	2193	
	9549		102			1548		104		
	9447		204			1444		205		
	28647	9549		2394		4641	1547		2398	
12	9013		102			1293		104		
	8911		103			1189		102		
	8808		205			1087		206		
	26732	8911		2599		3569	1190		2604	
13	8853		102			2405		103		
	8751		102			2302		104		
	8649		204			2198		207		
	26253	8751		2803		6905	2302		2811	
14	9647		134			2408		135		
	9513		131			2273		132		
	9382		265			2141		267		
	28542	9514		3068		6822	2274		3078	
15	8395		187			5009		184		
	8208		185			4825		181		
	8023		372		✓	4644		365		
	24626	8209		3440		14478	4826		3443	✓
		127.980					28.998			

F.B. 2853 P.G. 93

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

SHEET MUST BE MADE OR CHANGED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Sun Inst. No 15066
Notes by Esquer Time 8:45-9:30 Rod No 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 29-4 To BM 54-10
Date 5-12-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals
16	3199	127.980	187	3440		4045	28.298	183	3443
	3012		183			3862		184	
	2829		370			3678		367	
	9040	3013		3810		11585	3862		3810
17	7534		169			1092		170	
	7365		168			0922		170	
	7197		337			0752		340	
	22096	7365		4147		2766	0922		4150
18	6922		074			4248		073	
	6848		073			4175		073	
	6775		147			4102		146	
	20545	6848		4294		12525	4175		4296
19	6492		045			1889		046	
	6447		045			1843		046	
	6402		090			1797		092	
	19341	6447		4384		5529	1843		4388
		151.653					39.100		

F.B. 2853 P.G. 84

DESCRIPTION AND REMARKS.

Summation of Run
From B.M. 29-4
To B.M. 54-10

Total Backsights = + 151.653
Total Foresights = — 39.100
Diff. Elev. = + 112.553 ✓

~~Backsight stadia~~ = 4.384
Foresight Stadia = 4.388
Total Stadia = 8.772
= .55 mi.

BM 54-10
Std. oil Co well # Vickers 1, 35
See F.B. 2433-16

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:25- Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM54-10 To BM54-11
Date 10 May 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	6.175		.204		#19	3.861		.206		BM 54-10
	5.971		.203			3.655		.204		Std oil Co Well # Vickers
	5.768		407 ✓			3.451		.410		1, 35 ✓
	17.914	5.971		407 ✓	72°	10.967	3.656		410	See F.B. 2433-16
										BM 54-11 PB XII 145
										Std oil Co Well # Vickers
										1, 36
										See F.B. 2433-16
										Summation of Run
										From B.M. 54-10
										To B.M. 54-11
										Total Backsights = + 5.971
										Total Foresights = — 3.656 ✓
										Diff. Elev. = + 2.315
										Backsight stadia = .407
										Foresight Stadia = .410
										Total Stadia = .817
										= .05 mi

F.B. 2433 P.G. 85

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LOS ANGELES COUNTY ENGINEER
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RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Sun. Inst. No. 15066
Notes by Esquer Time 11:05- Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 54-11 To BM 54-10
Date 5-11-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	3762		205		#19	6079		204		BM 54-11
	3557		203			5875		206		Std. oil Co. well # Vickers
	3354		408			5669		410		1, 36
	10673	3558		408	68°	17623	5874		410	See F.B. 2433-16
										BM 54-10
										Std. oil Co. well # Vickers
										1, 35
										See F.B. 2433-16
										T Rodriguez
										Summation of Run
										From B.M. 54-11
										To B.M. 54-10
										Total Backsights = + 3.558
										Total Foresights = − 5.874
										Diff. Elev. = − 2.316 ✓
										Backsight stadia = .408
										Foresight Stadia = .410
										Total Stadia = .818
										= .05 mi

F.B. 2433 P.G. 16

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76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by Esquer Time 11:25-1:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM54-11 To BM54-13
Date 5-10-61
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2502		189		#19	8627		182		BM54-11
1	2313		188			8445		178		Std. oil Co. well #
	2125		377			8267		360		Vickors 1, 36
	6940	2313		377	72°	25339	8446		360	See F.B. 2433-16
	3495		177			6315		187		
2	3318		180			6128		183		⊼ Rodriguez
	3138		357			5945		370		
	9951	3317		734		18388	6129		730	
	1658		186			7385		182		
3	1472		187			7203		182		
	1285		373			7021		364		
	4415	1472		1107		21609	7203		1094	
	4562		078			9098		085		
4	4484		076			9013		081		
	4408		154			8932		166		
	13454	4485		1261		27043	9014		1260	
	0538		066			8894		065		
5	0472		067			8829		066		
	0405		133			8763		131		
	1415	0472		1394		26486	8829		1391	
		12.059					39.621			

F.B. 2853 P.G. 87

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RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - sun Inst. No. 15066
Notes by Esquer Time 11:25 - 1:30 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-11 To BM 54-13
Date 5-10-61
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	3068	12.059	119	1394		9608	39.621	119	1391	
	2949		116			9489		117		
	2833		235			9372		236		
	8850	2950		1629		28469	9490		1627	
7	1443		060			8538		059		
	1383		066			8479		057		
	1323		120			8422		116		
	4149	1383		1749		25439	8480		1743	
8	1898		073			8357		074		
	1825		072			8283		072		
	1753		145			8211		146		
	5476	1825		1894		24851	8284		1889	
9	0623		074			10504		072		
	0549		071			10432		073		
	0478		145			10359		145		
	1650	0550		2039		31295	10432		2034	
10	0702		059			9713		056		
	0643		056			9657		058		
	0587		115			9599		114		
	1932	0644		2155		28969	9656		2148	
		19.411					85.963			

F.B. 283 P.G. 88

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76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by Esquer Time 11:25 - 1:30 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-11 To BM 54-13
Date 5-10-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	1195	14.411	057	2155		7292	85.963	059	2148	
	1138		057			7233		055		1 hr. lunch
	1081		114			7178		114		
	3414	1138		2269		21703	7234		2262	
12	1523		116			10107		118		
	1407		120			9989		116		
	1287		236			9823		234		
	4217	1406		2505		29969	9990		2496	
13	1307		062			8939		067		
	1245		064			8872		066		
	1181		126			8806		133		
	3733	1244		2631		26617	8872		2629	
14	0748		059			9956		057		
	0689		057			9899		057		
	0632		116			9842		114		
	2069	0690		2747		29697	9899		2743	
15	1022		065			7684		065		
	0957		068			7619		067		
	0889		133		✓	7552		132		
	2868	0956		2880		22855	7618		2875	
		24845					129.596			

F.B. 853 P.G. 29

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RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party P. E. Brooks Weather Clear-Windy Inst. No. N066
Notes by Esquer Time 11:25-1:30 Rod No. 19820

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 54-11 To BM 54-13
Date 5-10-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0735	24845	058	2880		10547	109.576	058	2875	
16	0677		059			10489		057		Summation of Run
	0618		117			10432		115		From B.M. 54-11
	2030	0677		2997		31468	10489		2990	To B.M. 54-13
	1628		056			9203		060		Total Backsights = + 33.409
17	1572		057			9143		061		Total Foresights = − 158.389
	1515		113			9082		121		Diff. Elev. = -124.980 ✓
	4715	1572		3110		27428	9143		3111	
	0793		056			7974		059		Backsight stadia = 3.209
18	0737		058			7915		057		Foresight stadia = 3.291
	0679		114			7858		116		Total stadia = 6.580
	2209	0736		3224		23747	7916		3227	= .42 m.
	5612		033			1297		032		BM 54-13
19	5579		032			1265		032		225 ft. N.W. of Std O:1
	5547		065			1233		064		Co. Well # Vickers 1, 9
	16738	5579		3289		3795	1265		3291	See F.B. 2433-18
		33.409					158.389			

F.B. 2433 P.G. 90

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76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:15 - 11:05 Rod No. 19820

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM54-13 To BM54-11
Date 11 May 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	1.247		.032		#19	5.562		.034		BM 54-13
	1.215		.032			5.528		.031		225 Ft. N.W. of Std Oil Co.
	1.183		.064			5.497		.065		Well # Vickers 1, 9
	3.645	1.215		.064	70°	16.587	5.529		.065	See F.B. 2433-18
2	7.907		.059			0.725		.057		
	7.848		.059			0.668		.056		T Rodriguez
	7.789		.118			0.612		.113		
	23.544	7.848		.182		2.005	0.668		.168	
3	9.024		.058			1.454		.057		
	8.968		.059			1.397		.060		
	8.909		.117			1.337		.117		
	26.903	8.968		.199		4.188	1.396		.295	
4	10.509		.057			0.777		.059		
	10.532		.057			0.718		.057		
	10.475		.114			0.661		.116		
	31.596	10.532		.413		2.156	0.719		.411	
5	7.792		.066			1.129		.065		
	7.726		.065			1.064		.065		
	7.661		.131			0.999		.130		
	23.179	7.726		.544	✓	3.192	1.064		.541	✓
		36.289					9.376			

F.B. 2803 P.G. 2

7.9

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks — Weather clear — Inst. No. 15066
Notes by F. E. Brooks — Time 10:15 - 11:05 — Rod No. 14820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM S7-13 To BM S7-11
Date 11 May 1961
Indexed H. F. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	10.041	36.289	.058	544		0.831	9.376	.059	541	
	9.983		.058			0.772		.059		
	9.925		.116			0.713		.118		
	29.949	9.983		.660		2.316	0.772		.659	
7	8.941		.066			1.313		.065		
	8.875		.064			1.248		.065		
	8.811		.130			1.183		.130		
	26.627	8.876		.790		3.744	1.248		.789	
8	10.272		.117			1.688		.119		
	10.155		.116			1.569		.117		
	10.039		.233			1.452		.236		
	30.466	10.155		1.023		4.709	1.570		1.025	
9	7.366		.057			1.271		.057		
	7.309		.057			1.214		.059		
	7.252		.114			1.155		.116		
	21.927	7.309		1.137		3.640	1.213		1.141	
10	9.703		.058			0.689		.057		
	9.645		.057			0.632		.058		
	9.588		.115			0.574		.115		
	28.936	9.645		1.252		1.895	0.632		1.256	
		82.257					14.817			

F.B. 2853 PG. 92

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76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:15 - 11:05 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM54-13 To BM54-11
Date 11 May 1961
Indexed H.E.OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	10.468	10.257	.073	1.252		0.597	14.811	.074	1.256	
	10.395		.073			0.513		.071		
	10.322		.146			0.442		.145		
	31.185	10.395		1.398		1.542	0.514		1.401	
12	8.333		.071			1.875		.072		
	8.262		.074			1.803		.074		
	8.188		.145			1.729		.146		
	24.783	8.261		1.543		5.407	1.802		1.547	
13	8.457		.059			1.362		.060		
	8.398		.059			1.302		.060		
	8.339		.118			1.242		.120		
	25.194	8.398		1.661		3.906	1.302		1.667	
14	9.489		.120			2.949		.118		
	9.369		.120			2.829		.117		
	9.249		.240			2.712		.235		
	28.107	9.369		1.901		8.488	2.829		1.902	
15	8.882		.064			0.527		.066		
	8.818		.066			0.461		.067		
	8.752		.130		✓	0.394		.133		✓
	26.452	8.817		2.031		1.382	0.461		2.075	
		127.497	✓				21.719			

F.B. 283 P.G. 97

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:15 - 11:05 Rod No. 19820

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 54-13 To BM 54-11
Date 11 May 1961
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
16	8.965	127.497	.081	2.031		4.435	21.719	.080	2.035	
	8.884		.079			4.355		.080		Summation of Run
	8.805		.160			4.275		.160		From B.M. 54-13
	26.654	8.885		2.191		13.065	4.355		2.195	To B.M. 54-11
17	7.342		.183			1.609		.186		Total Backsights = + 157.893
	7.159		.182			1.423		.182		Total Foresights = − 32.904
	6.977		.365			1.241		.368		Diff. Elev. = +124.989 ✓
	21.478	7.159		2.556		4.273	1.424		2.563	
18	6.089		.181			3.279		.184		Backsight stadia = 3.280
	5.908		.181			3.095		.182		Foresight Stadia = 3.306
	5.727		.362			1.913		.366		Total Stadia = 6.586
	17.724	5.908		2.918		9.287	3.096		2.929	=
19	8.625		.180			2.499		.190		BM 54-11
	8.445		.182			2.309		.187		Std. Oil Co. Well
	8.263		.362			2.122		.377		#Vickers 1, 36
	25.333	8.444		3.280		6.930	2.310		3.306	See F.B. 2433-16
		157.893					32.904			

F.B. 2383 P.G. 94

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76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:30 - 1:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-13 To BM 54-14
Date 10 May 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	1.319		.032		#19	5.632		.032		BM 54-13 PBM 1604
	1.287		.031			5.600		.032		225 ft N.W. of Std. oil
	1.256		.063			5.568		.064		Co. well # Vickers 1, 9
	3.862	1.287		.063	77°	16.800	5.600		.064	See F.B. 2433, 18
2	1.916		.060			8.402		.060		
	1.856		.060			8.342		.059		T LeGault
	1.796		.120			8.283		.119		
	5.568	1.856		.183		25.027	8.342		.183	
3	2.121		.106			7.702		.107		
	2.015		.104			7.595		.104		
	1.911		.210			7.491		.211		
	6.047	2.016		.393		22.788	7.596		.394	
4	1.199		.101			8.744		.104		
	1.098		.099			8.640		.101		
	0.999		.200			8.539		.205		
	3.296	1.099		.593		25.923	8.641		.599	
5	1.606		.087			9.048		.087		
	1.519		.087			8.961		.086		
	1.432		.174			8.875		.173		
	4.557	1.519		.767	✓	26.884	8.961		.772	✓
		7.777	✓				39.140	✓		

F.B. 2853 P.G. 25

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks — Weather Clear - Windy — Inst. No. 15066
Notes by F. E. Brooks — Time 1:30 – 1:45 — Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From 54-13 To 54-14
Date 10 May 1961
Indexed H. E. DTT

Number of Station	BACKSIGHT Thread 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	1.403	7.777	.100	767		9.386	39.140	.102	772	
	1.303		.101			9.284		.101		
	1.202		.201			9.183		.203		
	3.908	1.303		.968		27.853	9.284		.975	
7	1.142		.163			6.474		.172		BM 54-14 PBM Co.
	0.979		.166			6.302		.171		Tidewater Associated Oil Co.
	0.813		.329			6.131		.343		Well # Vickers 45
	2.934	0.978		1.297		18.907	6.302		1.318	See F.B. 2433-19
										Summation of Run From B.M. 54-13 To B.M. 54-14
										Total Backsights = + 10.058 Total Foresights = − 54.726 ✓ Diff. Elev. = −44.668
F.B. 2433 P.G. 96										Backsight stadia = 1.297 Foresight Stadia = 1.318 Total Stadia = 2.615 = .18 mi.
		10.058 ✓					54.726 ✓			

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76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Sun. Inst. No. 15066
Notes by Esquer Time 9:55 - 9:10 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM54-14 To BM54-13
Date 5-11-61
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6274		171		#19	0944		164		BM 54-14
	6103		171			0780		163		Tidewater Associated Oil
1	5932		342			0617		327		Co well # Vickers 45
	18309	6103		342	68°	2341	0780		327	see F.B. 2433-19
	8976		098			1001		104		
	8878		096			0897		106		T LeGault
2	8782		194			0791		210		
	26636	8879		536		2689	0896		537	
	8930		087			1488		087		
	8843		085			1401		088		
3	8758		172			1313		175		
	26531	8844		708		4202	1401		712	
	8712		103			1162		097		
	8609		105			1065		097		
4	8504		208			0968		194		
	25825	8608		916		3195	1065		906	
	7482		102			1917		110		
	7380		102			1807		109		
5	7278		204		✓	1698		219		✓
	22140	7380	✓	1120		5422	1807		1125	
		39.814					5949	✓		

F.B. 2433 P.G. 20

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

CHECK MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Sun. Inst. No. 15066
Notes by Esquer Time 9:55 - 9:10 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 54-14 To BM 54-13
Date 5-11-66 H. E. Ott
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8237	39.814	058	1120		1744	5.949	060	1125	
	8178		059			1684		058		
6	8119		117			1626		118		
	24534	8178		1237		5054	1685		1243	
	5452		033			1137		032		BM 54-13
	5419		033			1105		030		225 ft N.W. of Std. O.C.Co.
7	5386		066			1075		062		well # Vickers 1, 9
	16257	5419		1303		3317	1106		1305	See F.B. 2433-18
										Summation of Run
										From B.M. 54-14
										To B.M. 54-13
										Total Backsights = + 53.411
										Total Foresights = − 8.740
										Diff. Elev. = + 44.671 ✓
										Backsight stadia = 1.303
										Foresight Stadia = 1.305
										Total Stadia = 2.608
										= 0.17 mi
		53.411	✓				8.740	✓		

F.B. 2433 P.G. 98

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by Esquer Time 1:45 – 2:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-14 To BM 54-15
Date 5-10-61
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	2570		030		#19	5390		029		BM 54-14
	2540		031			5361		029		Tidewater Associated Oil Co.
	2509		061			5332		058		well # Vickers 45
	7619	2540		061	76°	16083	5361		058	
2	1387		086			11818		085		T Le Gault
	1301		085			11733		083		
	1216		171			11650		168		
	3904	1301		232		35201	11734		226	
3	0875		074			8162		074		
	0801		073			8088		071		
	0728		147			8017		145		
	2404	0801		379		24267	8089		371	
4	1433		086			11088		087		
	1347		088			11001		088		
	1259		174			10913		175		
	4039	13.46		553		33002	11001		546	
5	7011		043			7552		044		
	0968		044			7508		044		
	0924		087		✓	7464		088		✓
	2903	0968		640		22524	7508		634	
		6956	✓				43.693	✓		

F.B. 2853 P.G. 99

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by Esquer Time 1:45-2120 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-14 To BM 54-15
Date 5-10-61
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	4122	6.956	102	640		10183	43.693	103	634	
	4020		103			10080		105		
	3917		205			7975		208		
	12059	4020		845		30238	10079		842	
7	0973		052			9091		051		
	0921		051			9040		050		
	0870		103			8990		101		
	2764	0921		948		27121	9040		943	
8	0888		051			9484		051		
	0837		051			9433		050		
	0786		102			9383		101		
	2511	0837		1050		28300	9433		1044	
9	1031		043			8952		043		
	0988		043			8909		044		
	0945		086			8865		087		
	2964	0988		1136		26726	8909		1131	
10	1007		052			8914		051		
	0955		052			8863		050		
	0903		104		✓	8813		101		✓
	2865	0955		1240		26590	8863		1232	
		14.677	✓				90.017	✓		

F.B. 2853 P.G. 100

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76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by Esquer Time 1:45-3:20 Rod No. 19120

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-14 To BM 54-15
Date 5-10-61
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	1250	14.677	060	1240		7934	90.017	060	1232	
	1190		058			7874		057		
	1132		118			7817		117		
	3572	1191		1358		23625	7875		1349	
12	1187		074			8331		074		
	1113		073			8257		075		
	1040		147			8182		149		
	3340	1113		1505		24770	8257		1498	
13	4988		065			7803		065		
	4923		065			7738		065		
	4858		130			7673		130		
	14769	4923		1635		23214	7738		1628	
14	0771		046			9373		043		
	0731		044			9330		043		
	0687		090			9287		086		
	2195	0732		1725		27990	9330		1714	
15	2569		067			8295		080		
	2502		069			8215		080		
	2433		136			8135		160		
	7504	2501		1861		24645	8215		1874	
		25.137					131.432			

F.B. 2803 P.G. 191

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by Esquer Time 1:45 - 2:20 Rod No. 19920

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-14 To BM 54-15
Date 5-10-61 H. E. OTT
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
16	2174	25.137	050	1861		3462	131.432	043	1874	BM 54-15
	2124		050			3419		042		Monterey Oil Co. Well #1
	2074		100			3377		085		
	6372	2124		1.961		10258	3419		1.959	See F.B. 2433 - 20
										Summation of Run From B.M. 54-14 To B.M. 54-15
										Total Backsights = + 27.261 Total Foresights = − 134.851 Diff. Elev. = − 107.590
										Backsight stadia = 1.961 Foresight Stadia = 1.959 Total Stadia = 3.920 .25 mi
		27.261					134.851			

F.B. 2283 P.G. 112

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76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 9:15 - 9:50 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-15 To BM 54-14
Date 11 May 1961
Indexed H. E. on

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.482		.044		#19	2.188		.046		BM 54-15
1	3.438		.045			2.142		.047		Monterey Oil Co. Well #1
	3.393		.089			2.095		.093		
	10.313	3.438		.089	72°	6.425	2.142		093	See F.B. 2433-20
	8.010		.075			2.294		.073		
2	7.935		.075			2.221		.072		T LeGault
	7.860		.150			2.149		145		
	23.805	7.935		.239		6.664	2.221		.238	
	9.303		.043			0.707		.046		
3	9.260		.043			0.661		.044		
	9.217		.086			0.617		.090		
	27.780	9.260		.325		1.985	0.662		.328	
	7.729		.064			4.916		.066		
4	7.665		.064			4.850		.066		
	7.601		.128			4.784		.132		
	22.995	7.665		.453		14.550	4.850		.460	
	8.193		.073			1.050		.074		
5	8.120		.075			0.976		.073		
	8.045		.148			0.903		.147		
	24.358	8.119		.601		2.929	0.976		.604	
		36.417					10.851			

F.B. 2853 P.G. 107

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

SHEET MUST BE MADE ON [illegible] RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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Chief of Party F. E. Brooks Weather Clear Inst. No. 5066
Notes by F. E. Brooks Time 9:15 - 9:50 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 030.02
From BM 54-15 To BM 54-14
Date 11 May 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	7.937	36.417	.058	.601		1.254	10.851	.059	6.07	
	7.879		.058			1.195		.058		
	7.821		.116			1.137		.117		
	23.637	7.879		.717		3.586	1.195		.724	
7	8.914		.049			1.009		.052		
	8.865		.051			0.957		.052		
	8.814		.100			0.905		.104		
	26.593	8.864		.817		2.871	0.957		.828	
8	9.064		.043			1.145		.045		
	9.021		.042			1.100		.043		
	8.979		.085			1.057		.088		
	27.064	9.021		.902		3.302	1.101		.916	
9	9.503		.050			0.908		.050		
	9.453		.050			0.858		.051		
	9.403		.100			0.807		.101		
	28.359	9.453		.1002		2.573	0.858		.1017	
10	9.169		.051			1.051		.051		
	9.118		.051			1.000		.051		
	9.067		.102			0.949		.102		
	27.354	9.118		1.104		3.000	1.000		1.119	
		80.752					15.962			

F.B. 2853 P.G. 104

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76P526-CE 379—10-57

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Chief of Party F. E. Brooks Weather Clear Inst. No. 45066
Notes by F. E. Brooks Time 9:15 - 9:50 Rod No. 19F20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-15 To BM 54-14
Date 11 May 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10.122	80.752	.107	1.104		4.053	16.962	.096	1.119	
11	10.015		.107			3.957		.099		
	9.908		.214			3.858		.195		
	30.045	10.015		1.318		11.868	3.956		1.314	
	7.389		.042			0.849		.044		
12	7.347		.044			0.805		.044		
	7.303		.086			0.761		.088		
	22.039	7.346		1.404		2.415	0.805		1.402	
	11.072		.087			1.419		.088		
13	10.985		.087			1.331		.086		
	10.898		.174			1.245		.174		
	32.955	10.985		1.578		3.995	1.332		1.576	
	8.100		.072			0.813		.073		
14	8.028		.073			0.740		.073		
	7.955		.145			0.667		.146		
	24.083	8.028		1.723		2.220	0.740		1.722	
	11.868		.085			1.432		.086		
15	11.783		.084			1.351		.084		
	11.699		.169			1.267		.170		
	35.350	11.783		1.892		4.055	1.352		1.882	
		128.909					14.147			

F.B. 283 P.G. 65

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RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 9:15 - 9:50 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-15 To BM 54-14
Date 11 May 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.197	128.909	.029	1.892		2.377	24.147	.030	1.882	BM 54-14
16	5.168		.028			2.347		.030		Tidewater Associated Oil Co.
	5.140		.057			2.317		.060		Well # Vickers 45
	15.505	5.168		1.949		7.041	2.347		1.942	
										Summation of Run From B.M. 54-15 To B.M. 54-14
										Total Backsights = + 134.077 Total Foresights = − 26.494 Diff. Elev. = + 109.583
										Backsight stadia = 1.949
										Foresight Stadia = 1.942
										Total Stadia = 3.891 = .25 mi
		134.077					26.494			

F.B. 2283 P.G. 106

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Chief of Party F. E. Brooks Weather Clear - Windy Inst. No 15066
Notes by F. E. Brooks Time 2:30 - 2:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No 0301.02
From BM 54-15 To BM 27-47
Date 10 May 1961
Indexed H. E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	0.448		.052		#19	5.538		.052		BM 54-15 PBM 601
	0.396		.050			5.486		.053		Monterey Co. Well #
	0.346		.102			5.433		.105		Howard 1
	1.190	0.397		.102	72°	16.457	5.486		.105	See F.B. 2433-20
2	0.756		.074			9.708		.073		
	0.682		.073			9.635		.073		
	0.609		.147			9.562		.146		
	2.047	0.682		.249		28.905	9.635		.251	
3	1.303		.072			8.631		.073		
	1.231		.072			8.558		.071		
	1.159		.144			8.487		.144		
	3.693	1.231		393		25.676	8.559		.395	
4	1.214		.086			9.231		.088		
	1.128		.085			9.143		.086		
	1.043		.171			9.057		.174		
	3.385	1.128		564		27.431	9.144		569	
5	1.431		.103			8.187		.104		
	1.328		.102			8.083		.103		
	1.226		.205			7.980		.207		
	3.985	1.328		.769		24.250	8.083		.776	
		4.766					40.907			

F.B. 2453 P.G. 105

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Chief of Party F. E. Brooks — Weather Clear - Windy — Inst. No. 15066
Notes by F. E. Brooks — Time 2:30 - 2:45 — Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 54-15 To BM 27-47
Date 10 May 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	1.452	4766	.120	769		8.199	40.907	.118	776	Summation of Run
	1.332		.120			8.081		.118		From B.M. 54-15
	1.212		.240			7.963		.236		To B.M. 27-47
	3.996	1.332		1.009		24.243	8.081		1.012	
7	2.737		.135			9.613		.132		Total Backsights = + 18.433
	2.602		.133			9.481		.134		Total Foresights = − 66.974
	2.469		.268			9.347		.266		Diff. Elev. = −48.541 ✓
	7.808	2.603		1.277		28.441	9.480		1.278	
8	3.113		.111			3.695		.111		Backsight stadia = 1.707
	3.002		.109			3.584		.109		Foresight Stadia = 1.707
	2.893		.220			3.475		.220		Total Stadia = 3.414
	9.008	3.003		1.497		10.754	3.585		1.498	= .22
9	6.834		.105			5.826		.105		BM 27-47
	6.729		.105			4.921		.104		Jefferson Blvd. B.C. of curve
	6.624		.210			4.817		.209		0.7 mi N.E. of Overland Ave
	10.187	6.729		1.707		14.764	4.921		1.707	See F.B. 1393-39
		18.433					66.974			

F.B. 2253 P.G. 108

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Chief of Party F. E. Brooks Weather Clear-Sun Inst. No. 15066
Notes by Esquer Time 8:45-9:10 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM27-47 To BM 54-15
Date 5-16-61
Indexed H. E. OH

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5148		105		#19	6958		107		BM 27-47
	5043		105			6851		105		Jefferson Blvd. B.C. of
	4938		210			6746		212		curve 0.7mi N.E. of Overland Ave
	15129	5043		210	66°	20555	6852		212	see F.B. 1393-39
2	3599		111			3020		112		T LeGault
	3488		110			2908		110		
	3378		221			2798		222		
	10465	3488		431		8726	2909		434	
3	9318		135			2441		134		
	9183		132			2307		135		
	9051		267			2172		269		
	27552	9184		698		6920	2307		703	
4	8048		117			1301		120		
	7931		118			1181		120		
	7813		235			1061		240		
	23792	7931		933		3543	1181		943	
5	8028		103			1272		102		
	7925		103			1170		102		
	7822		206			1068		204		
	23775	7925		1139		3510	1170		1147	
		33,571 ✓					14,219 ✓			

F.B. 2853 P.G. 109

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Chief of Party F. E. Brooks Weather Clear-Sun Inst. No. 15066
Notes by Esquer Time 8:45-9:10 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 27-47 To BM 54-15
Date 5-11-61
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9097	33.571	087	1139		1082	14.419	086	1147	Summation of Run
	9010		086			0996		086		From B.M. 27-47
L	8924		173			0910		172		To B.M. 54-15
	27031	9010		1312		2988	0996		1319	
	8512		071			1188		073		Total Backsights = + 66.146
	8441		070			1115		071		Total Foresights = − 17.613
7	8371		141			1044		144		Diff. Elev. = + 48.533 ✓
	25324	8441		1453		3347	1116		1463	
	9654		073			0702		074		
	9581		073			0628		072		Backsight stadia = 1.711
8	9508		146			0556		146		Foresight Stadia = 1.704
	28743	9581		1599		1886	0629		1609	Total Stadia = 3.415
										= 0.22 mi
	5599		056			0501		048		BM 54-15
	5543		056			0453		047		Monterey Oil Co. well
9	5487		112			0406		095		# Howard 1
	16629	5543		1711		1360	0453		1704	See F.B. 2433-20
		66.146 ✓					17419 ✓			

F.B. 2853 P.G. 110

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Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F.B. 2853 PG. 111
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date May 61	
Date	Indexed JUN 1 2 61 H. E. Ch	

JN. 0301.02

L.A.CO.PRECISE LEVEL NET

Additional B.M. descriptions

in

BALDWIN HILLS SUBSIDENCE STUDY

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

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76F309S S&E #247 11-58

F. B. 2853 PG. 112

U.S.B.M. 4045

This mark is aprox. 400 feet SW of the inter. of La Brea Ave. and Stocker St. at the So. Calif. Edison Sub-station. It is 67' SW of the SE cor. and 86' SE of the SW cor. of a 10' chain link fence around the sub-station. It is 98.5' SE of the NE cor. of Std. Oil well STOCKER #6 and 74' NE of a PP # gone. The Mark is a lead cap set in a 14"x14" conc. pad flush with the ground. The cap is stamped 49+3829. *This mark renumbered as BM 54-71 see F.B. 3704 - 107, 108 for new description F.F.B. 10 June 1965.*

B.T.B.M. 10

This mark is aprox. 28 feet W of the 1st B.C. on Stocker St. W of La Brea Ave. and 7 ft. N of the edge of a high bank; 118' SE of the SE cor of the engine house for Std. Oil well BC #71; 106' SE of a PP # gone; and 120' SW of B.T.B.M. 9. The mark is a capped 1" IP set im a 12"x12" conc. pad. Marker pipe painted B.T.B.M. 10

B.T.B.M. 9

This mark is 120' NE of B.T.B.M. 10; 31' NE of a PP # gone; 137.5' NE of the NE cor. of the engine house for Std. Oil well BC #71; and 48' SE of the edge of a paved road. The mark is a capped 1" IP set in a 12"x12" conc. pad.flush with the ground. Marker pipe painted B.T.B.M. 9

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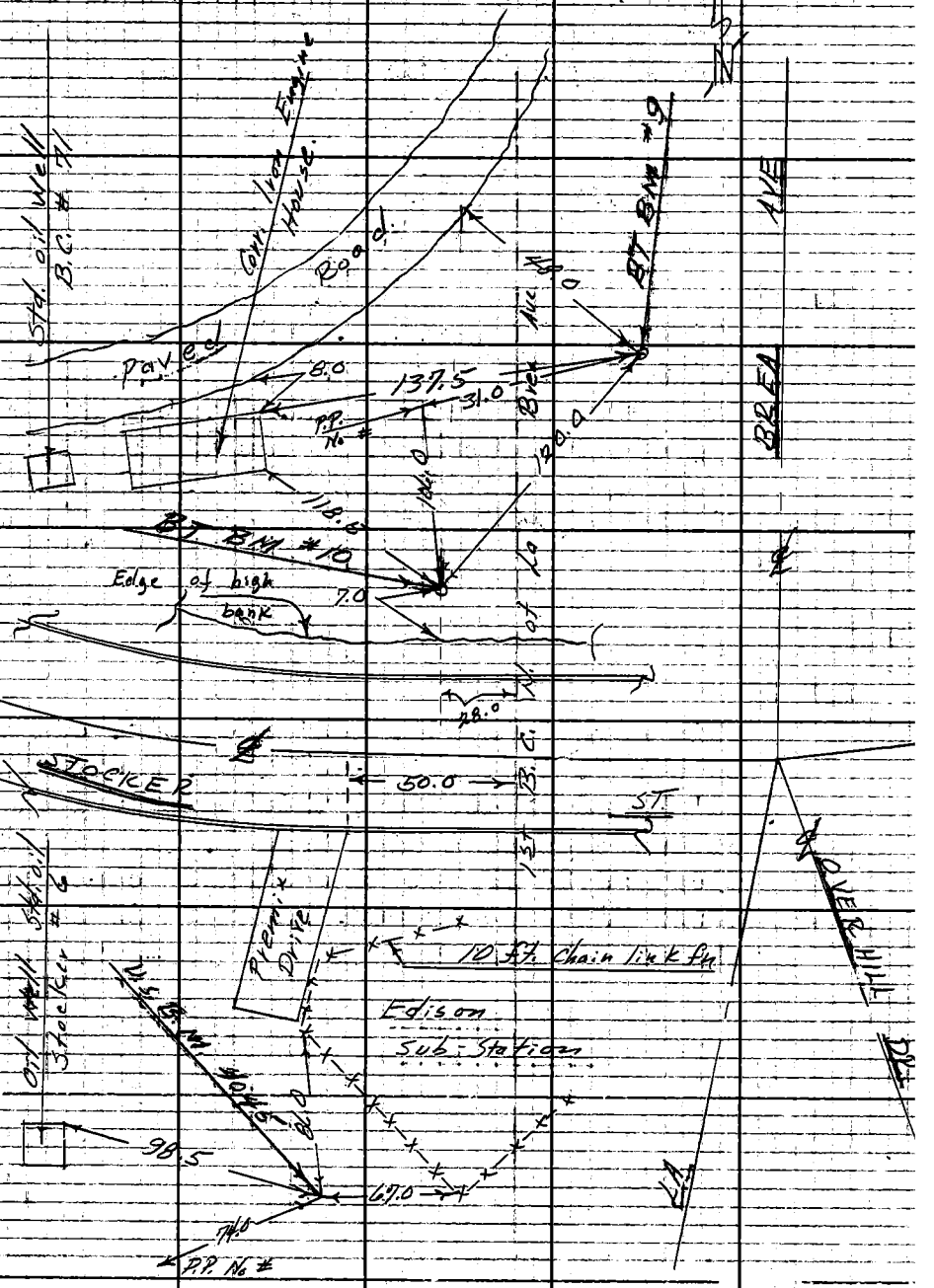
Notes Ck'd by		Survey of	L.A. Co. Precise Level Net
Map No.		JN 0301.02	Tape Std °F
Office Work		Surveyed by	F. E. Brooks
Checked		Notes	F. E. Brooks Date May 61
Date		Indexed	B. E. Ott

F. B. 2853 PG. 113



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F. B. 2853 PG. 114

PBM 22

This mark is aprox. 0.2 mile NW along a private paved road from the inter. of La Brea Ave. and Stocker St. 63' W of the aprox . center of the private road; the mark is the top of the 1and3/8" bplt in the SE cor. pier of Std. Oil well BC 64

PBM 23

This mark is aprox. 0.2 mile NW along a private paved road from the inter. of La Brea Ave. and Stocker St. 83.5' W of Tele. P # 674453. The mark is the top of the 1 and 3/8" bolt in the NE cor. of Std. Oil well BC 64

PBM 20

This mark is aprox. 325' E of Std. Oil well BC 64; it is 43.5' NE of Tele. P 674451H; 84' NW of PP 463880 (this pole is 1 ft W of the edge of a high bank). The mark is a capped 2" IP set in a 12"x12" conc. pad flush with the ground. The mark is stamped PBM 20 BMBO NO. 12 3440929

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

Survey of L.A. Co. Precise Level Net
JN 030612 Tape ___ Std ___ °F
Surveyed by F. E Brooks
Notes F. E Brooks Date May 61
Indexed H. E. OTT

F. B. 2853 PG. 125

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76F309S S&E #247 11-58

F. B. 2853 Pg. 116

U.S.B.M. 4041
This mark is aprox. 0.4 mile NW along a private paved road from the inter. of La Brea Ave. and Stocker St. It is 19' E of the aprox. center of the private road; 10.5' NE of the NW cor. and 24' NW of the NE cor. of a 6' chain link fn. around a small radio transmitting station. The mark is a capped 2" IP set in a 12"x12" conc. pad. Marker pipe painted PBM 26

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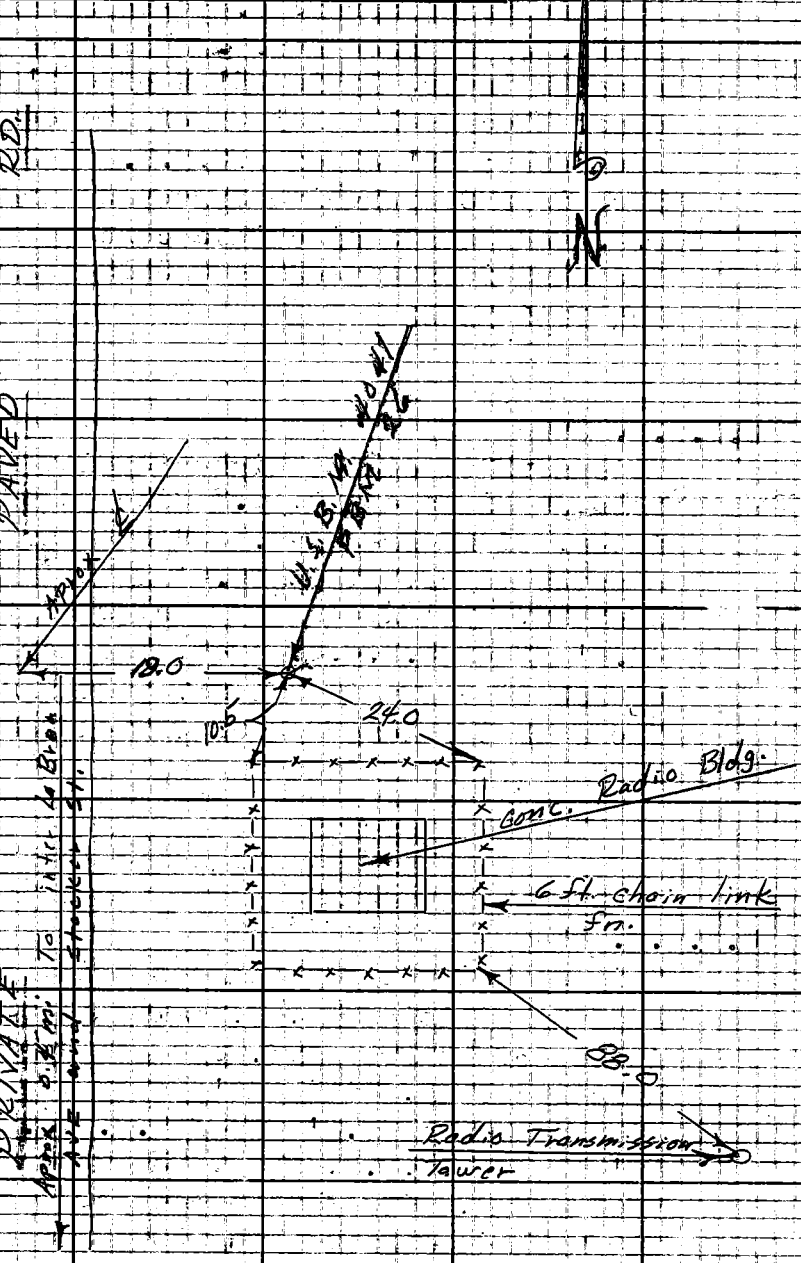
Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std. °F
Office Work	Surveyed by F. E. Brooks
Checked	Notes F. E. Brooks Date May 61
Date	Indexed H. E. Ott

F. B. 2853 PG. 117



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76F309S S&E #247 11-58

F.B. 2853 Pg. 118

U.S.B.M. 2917

This mark is at the highest point in the Baldwin Hills aprox. 0.7 mile NW of the inter. of La Brea Ave. and Stocker St. under a water tower. It is 15' W of a 1' high conc. block wall; 15' SE of the center of the tower; 59' SE of U.S.B.M. 4042. The mark is a Cooperative Survey Control Co. of L.A. and USC&GS disc in a conc post flush. The mark is stampedUSC&GS 511804 BALDWIN AUX 1933 RE 62

U.S.B.M. 2918

Thissmark is at the highest point in the Baldwin Hills aprox. 0.7 mile NW of the inter. of La Brea Ave. and Stocker St. under a water tower. It is 30.5' SW of a 8' chain link fn.; 11' NW of the center of the tower; 44.6' NE of U.S.B.M. 4042. The mark is a USC&GS disc set in a conc. post flush. The mark is stamped USGS 512744 BALDWIN 1927

U.S.B.M. 4042

This mark is at the highest point in the Baldwin Hills aprox. 0.7 mile NW of the inter. of La Brea Ave. and Stocker St. under a water tower. It is 49' SW of the center of the tower; 44.6' SW of U.S.B.M. 2918; 59' NW of U.S.B.M. 2917. The mark is a USC&GS Ref. Disc set in a conc. post 1' down The mark is stamped USGS 508184 BALDWIN 1927

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Notes Ck'd by
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Office Work
Checked
Date

Survey of L.A. Co. Precise Level Net
JN 03101.02 Tape Std °F
Surveyed by E. E. Brooks
Notes F. E. Brooks Date May 61
Indexed E. E. Orr

F. B. 2953 Pg. 119

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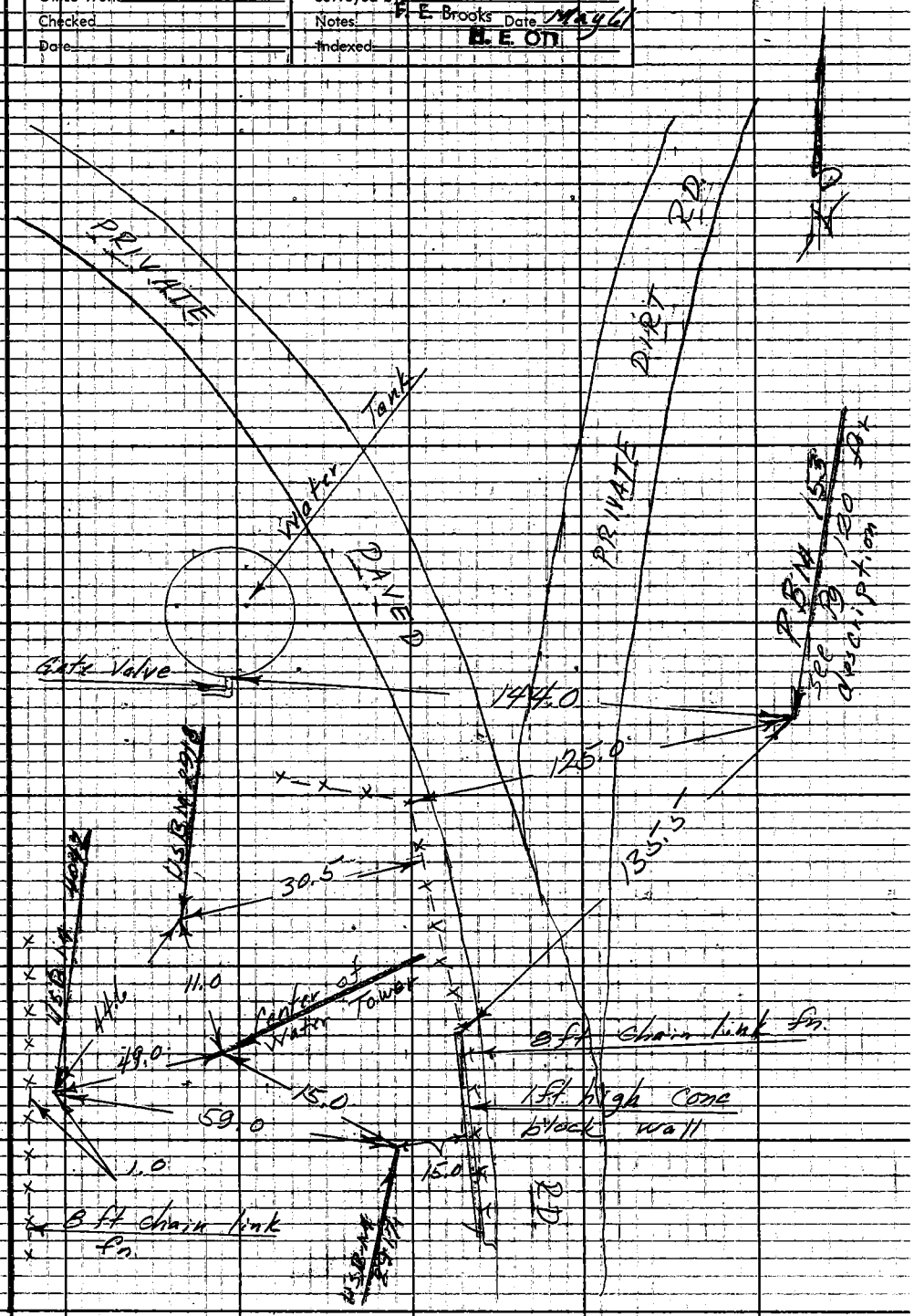
763095 CE #247—7-58



F.B. 2853 Pg. 120

PBM 258
1/3

This mark is on the S side of the Baldwin Hills Reservoir. It is 45' NW of the most Sly post of a row of 1' dia. 4' high steel pipe filled with conc. fn. post; 27' SW of the most Nly post of the same row; 108.5' W of PBM 152. The mark is a capped 2" IP set in a 12"x12" conc. pad flush. The mark is stamped South Wall Prod. of Res. The marker pipe is painted PBM 258
1/3

PBM 152

This mark is on the S side of the Baldwin Hills Reservoir. It is 69' NE of the most Sly post of a row of 1' dia. 4' high steel pipe filled with conc. fn. post; 104' SE of the most Nly post of the same row; 108.5' E of PBM 258. The mark is a capped 2" IP set in a 12"x12" conc. pad flush. The mark is stamped PBM 152.

PBM 153

(see pg. 119 for sketch of location)

This mark is aprox. 0.7 mile NW of the inter. of La Brea Ave. and Stocker St. It is 144' SE of a gate valve on the S side of a large water tank; 125' NE of the NE cor. of a 8' chain link fn. inclosing a water tower; 135' NE of the N end of a 1' high conc. block wall on E side of water tower. The mark is a capped 2" IP set in a 12"x12" conc. pad. The mark is stamped PBM 153.

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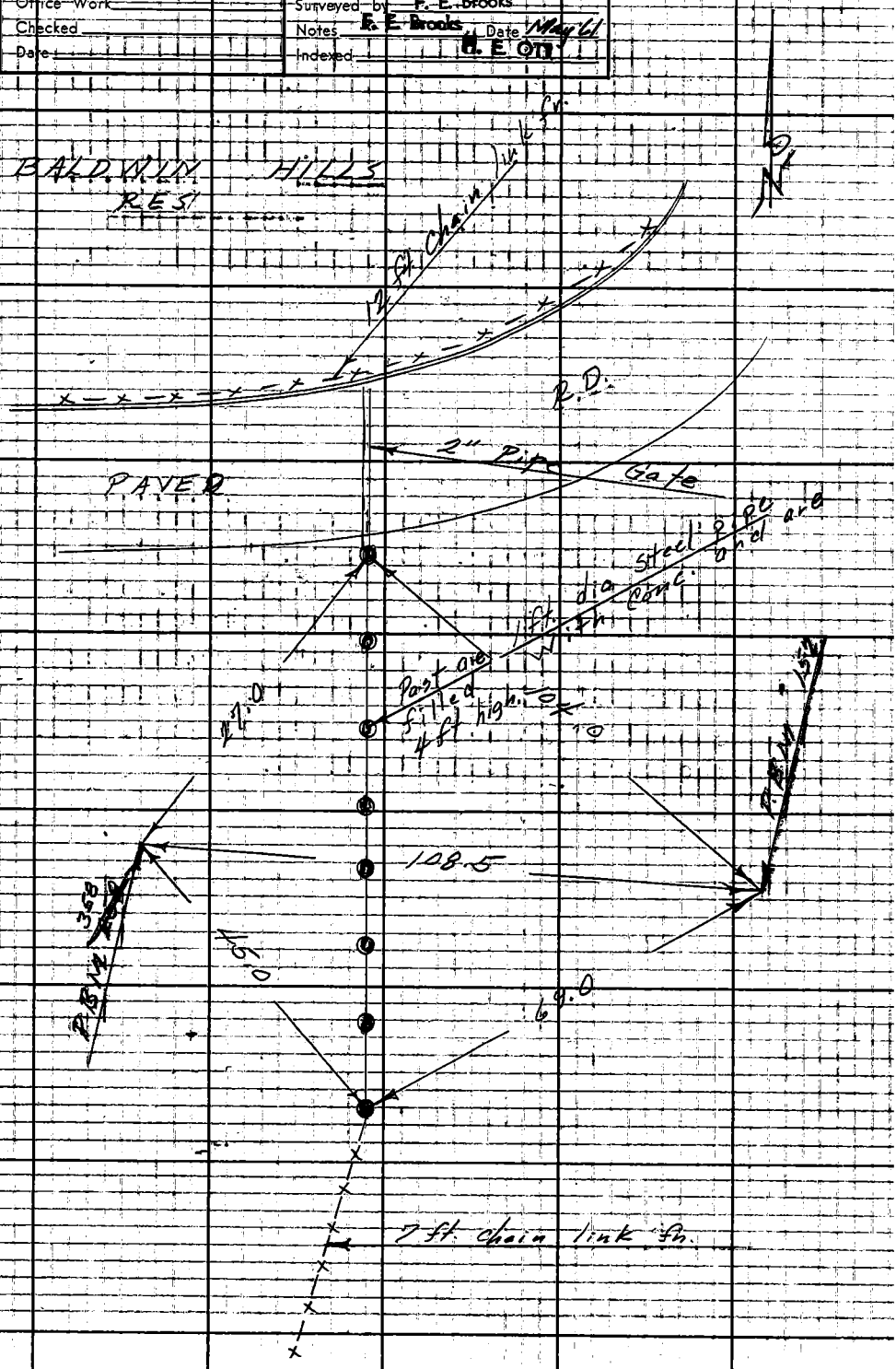
Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F. B. 2853 PG. 121
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date May 61	
Date	Indexed H. E. OTT	



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76F309S S&E #247 11-58

F.B. 2853 Pg. 122

PBM 189

This mark is on the E side of the Baldwin Hills Reservoir. It is 14.5' SE of the SW cor. and 21' SW of the SE cor. of the Telephone Co's Mobil Tele. Station. The mark is a capped 2" IP set in a 12"x12" conc. pad flush. The mark is stamped POT E 11. Marker pipe painted PBM 189.

PBM 75

This mark is on the E side of the Baldwin Hills Reservoir. It is 83.5' NE of PP # 1204610 E; 145' NE of the NE cor. of a 12' chain link fn. around the Federal Aviation Agency Area; 36' E of the top of bank; 65' SE of PP 1204609E. The mark is a capped 2" IP set in a 12"x12" conc. pad. The mark is stamped PBM 75.

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J.N. 0301.02 Tape Std. °F
Surveyed by F. E. Brooks
Notes F. E. Brooks Date May 61
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F. B. 2857 PG. 123

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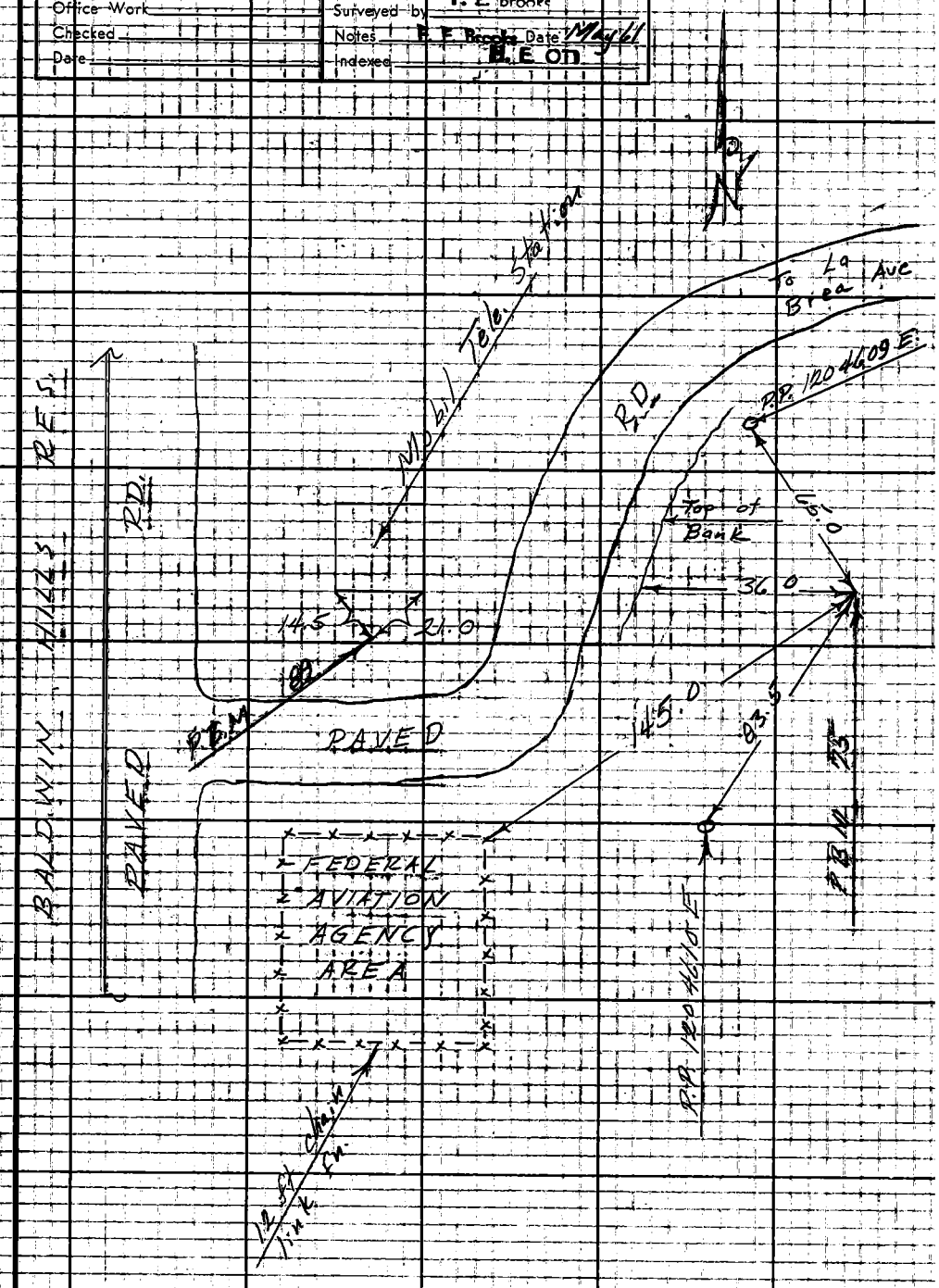

76F3095 S&E #247 11-58

F.B. 2853 PG. 184

PBM 201

This mark is on the W side of the Baldwin Hills Reservoir. It is 437' SE of the SW cor. of a 6' chain link fn. around a radio tower; 213' E of tele. P # 6745111H. The mark is a capped 2" IP set in a 12"x 12" conc. pad flush. The mark is stamped West Wall Prod. The marker pipe is painted PBM 201.

PBM ~~303~~ 203

This mark is on the W side of the Baldwin Hills Reservoir. It is 33' NW of the SW cor. and 39' SW of the NW cor of radio transmiting station (a conc. block bldg.) The mark is a capped 2" IP set in a 12"x 12" conc. pad flush. The mark is stamped POT 610. The marker pipe is painted PBM ~~303~~ 203

PBM 202

This mark is on the W side of the Baldwin Hills Reservoir. It is 33.5' NE of the NW cor. of a radio transmiting station; 43.5' NW of the NW cor of a 6' chain link fn. around a radio tower. The mark is a ca capped 2" IP set in a 12"x12" conc. pad flush. The mark is stamped South Wall Prod The marker pipe is painted PBM 202

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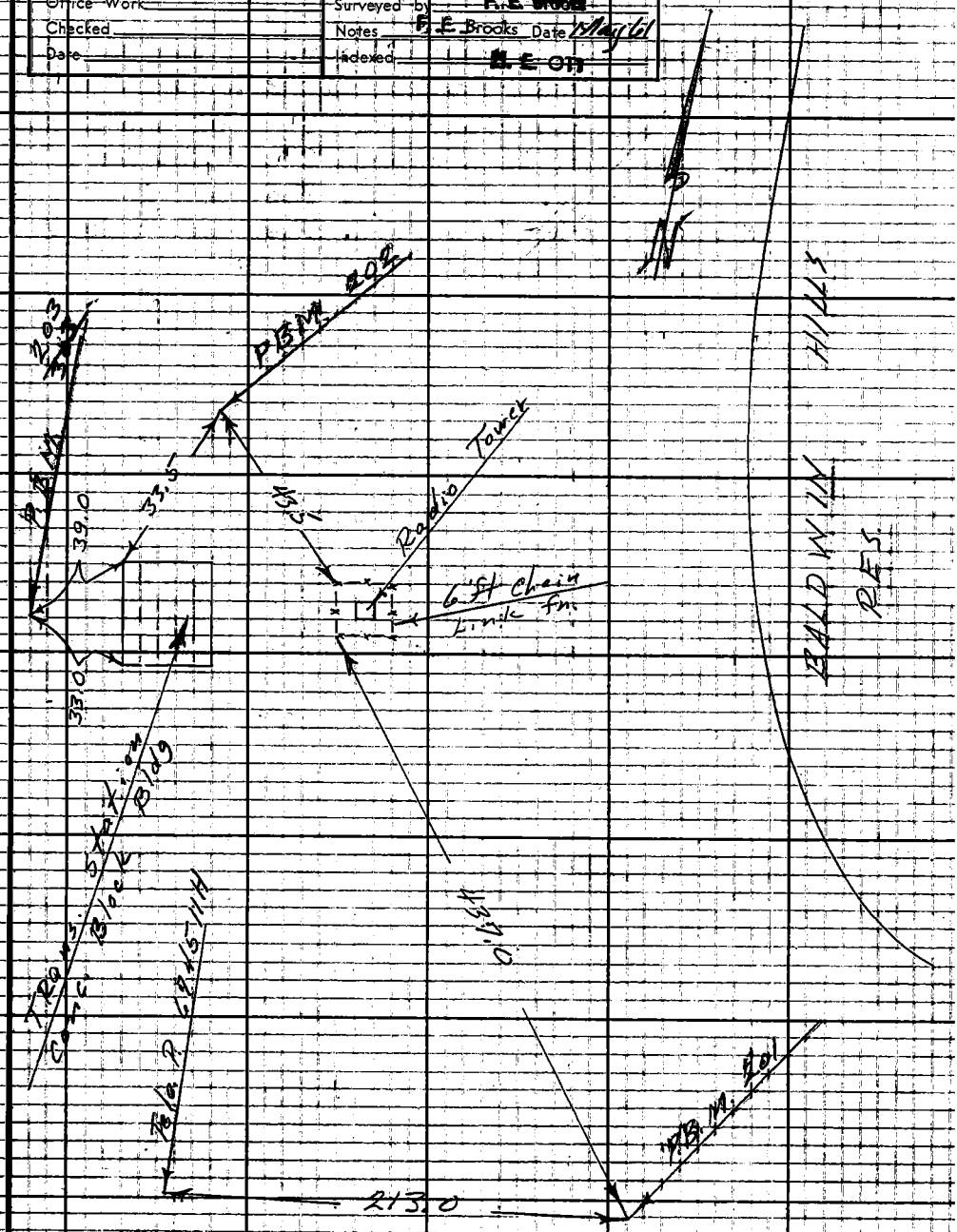
JN 0301.02 Tape Std °F
Surveyed by F. E. Brooks
Notes F. E. Brooks Date May 61
Indexed E. C. Ott

F. B. 2853 PG. 125



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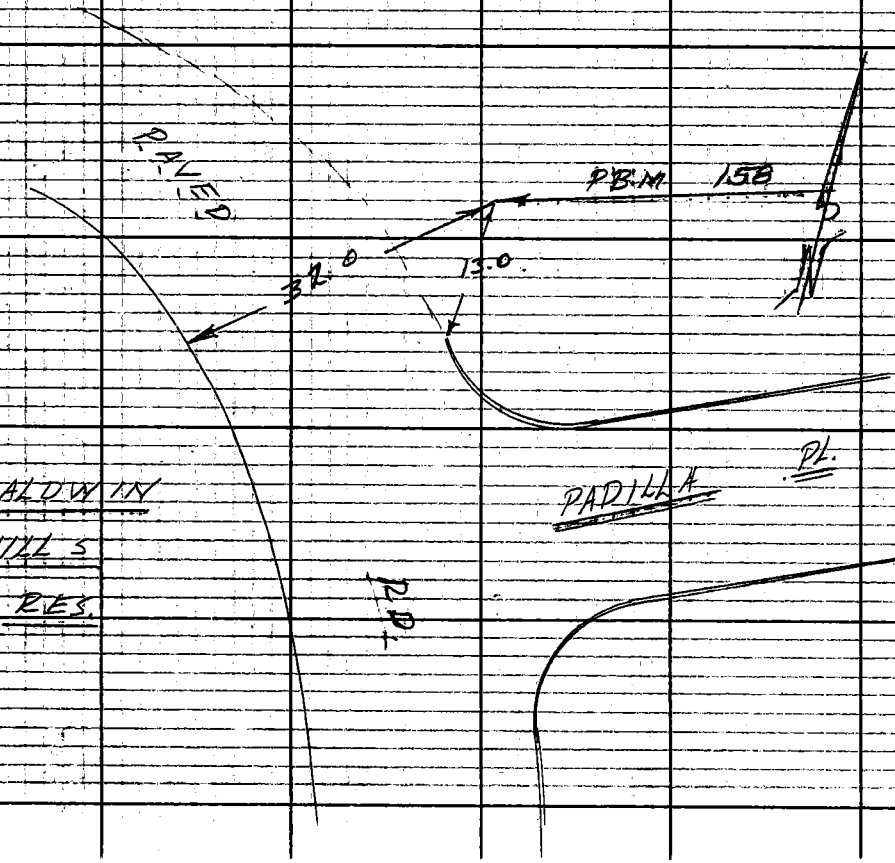
76F3005 S&E #247 1-58

F.B. 2853 PG. 176

PBM 158

This mark is at the NE cor. of the Baldwin Hills Reservoir at Padilla Pl. It is 32' NE of the reservoir and 13' N of the N end CR. The mark is a capped 2" IP set in a 12"x12" conc. pad flush. The mark is stamped North Wall Prod. The marker post is painted PBM 158



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Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by LeGault
Checked	Notes LeGault Date May 61
Date	Indexed H. E. on

F. B. 2853 PG. 127

L. A. CITY WATER & POWER
PREMIX SERVICE ROAD
IS 1510' S. of VERONICA St
ON WEST Side of LA BREA AVE.
WEST of L.A. CITY BM # 17-04890

BHBM	# 136	3½" BRASS CAP Set in
"	# 139	Conc; Stamped City
"	# 140	of L.A. Dept. of Water
"	# 141	& POWER, WATER SYSTEM
"	# 142	in well Stamped
		WATER; D.W. & P.

PBM # 196 → 2" I.P. Set in Conc
Flush; Marked
L.A. City Water Dept

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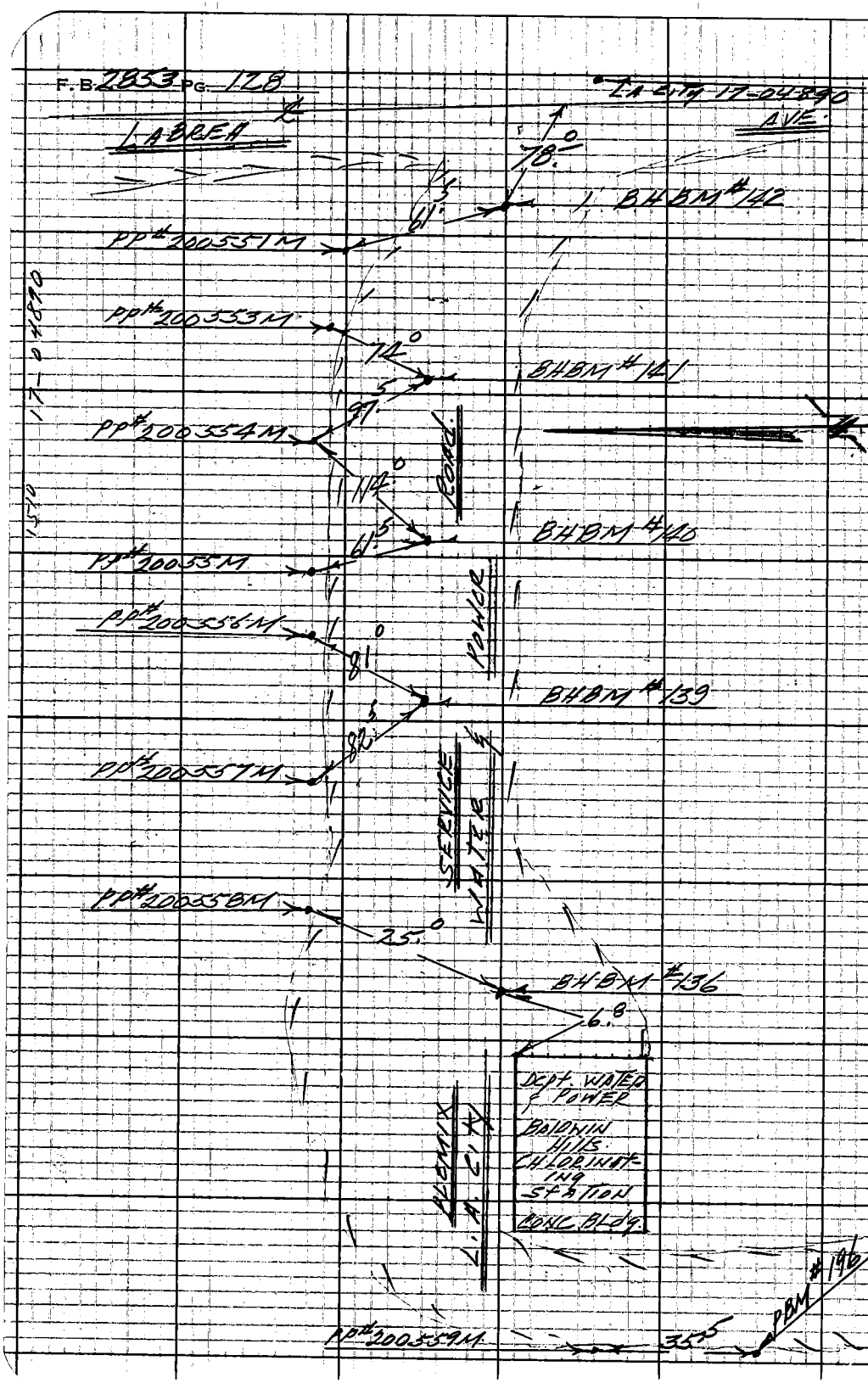
763095 CE #247—7-53



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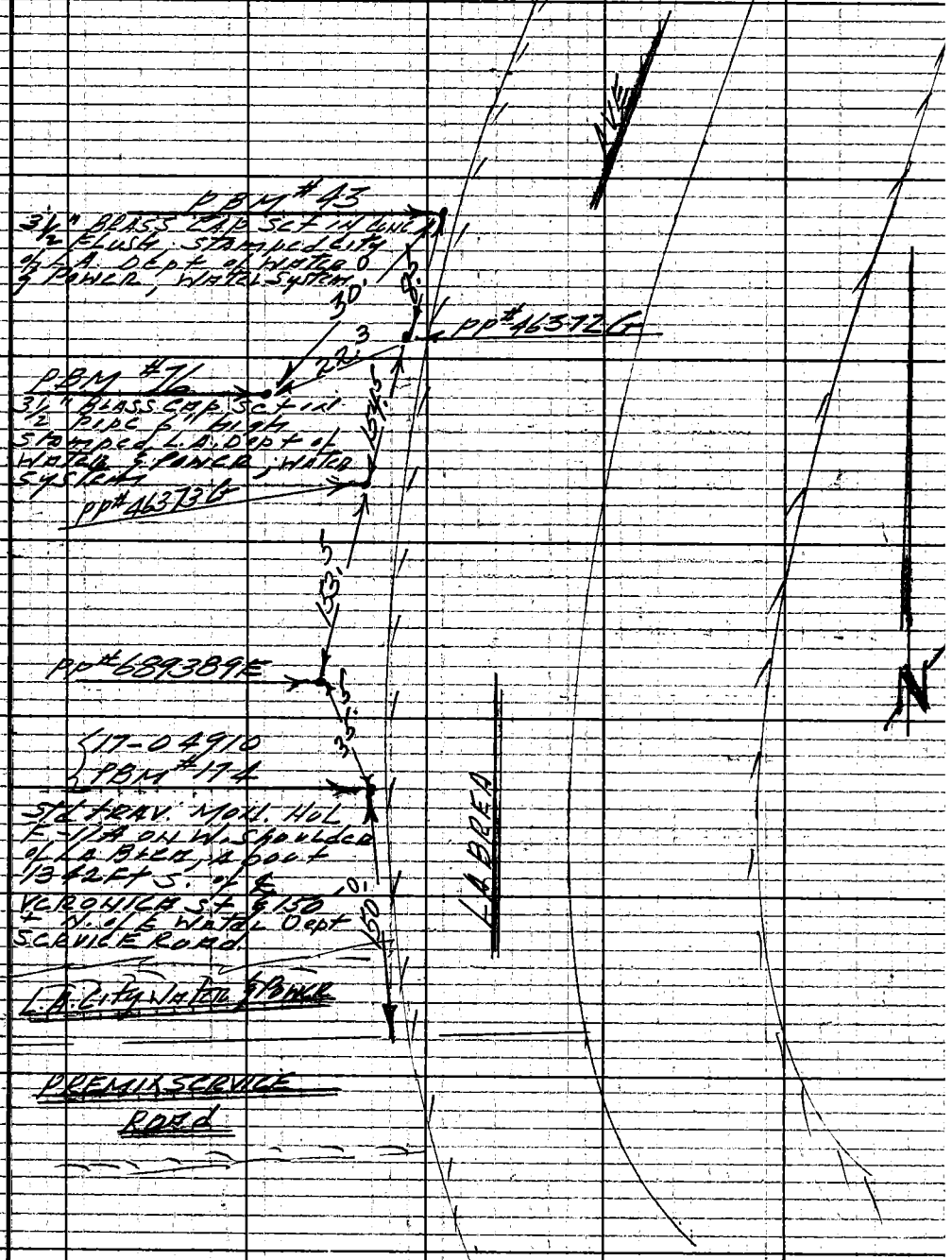
Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by F. E. Brooks
Checked	Notes Le Gault Date May 61
Date	Indexed B. F. on

F. B 2853 PG. 129



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763098 CE #247—7-53

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Survey of L.A. Co. Precise Level Net
IN 0301.02 Std of F
Surveyed by F. E. Brooks
Notes F. E. Brooks Date June 11
Indexed H. E. Oh

F. B. 2853 Pg. 131

HOLLYWOOD D-11

This mark is NW of the Baldwin Hills Reservoir on a ridge W of and above Cloverdale Ave. It is 73' S of the SW cor. and 81' SW of SE cor. of Dept. o W&P Tower No.1616; 58.5' NE of PP 201396M. The mark is a C.S.Control System Triangulation Statio set in a 12"x12" conc. pad flush. The mark is stamped HOLLYWOOD D-11 CO. SURVEYOR R.E.2177 1936

PBM 382

This mark is NW of the Baldwin Hills Reservoir on the W curb of Cloverdale Ave. 141' S of the brick steps and walk to house #4167. The mark is a brass screw set in lead. PBM 382 painted on cb.

BHBM 112

This mark is NW of the Baldwin Hills Reservoir on a ridge W of and above Cloverdale Ave. It is 14.5 NE of the NW cor. and 8' NW of the NE cor. of a Dept. of W&P Tower # 1416. The mark is a capped 2 IP set in conc. 6" dn. The mark is stamped
20 NN AXIS 0-2670 BHBM 112

PBM 205

This mark is NW of the Baldwin Hills Reservoir on a ridge W of a above Cloverdale Ave. It is 20.5 SE of the SW cor. and 18' SW of the SE cor of Dep of W&P Tower # 1416. The mark is a capped 2" IP set in conc. 2" dn. The mark is stamped N WALL PROD. Marker pipe painted PBM 205

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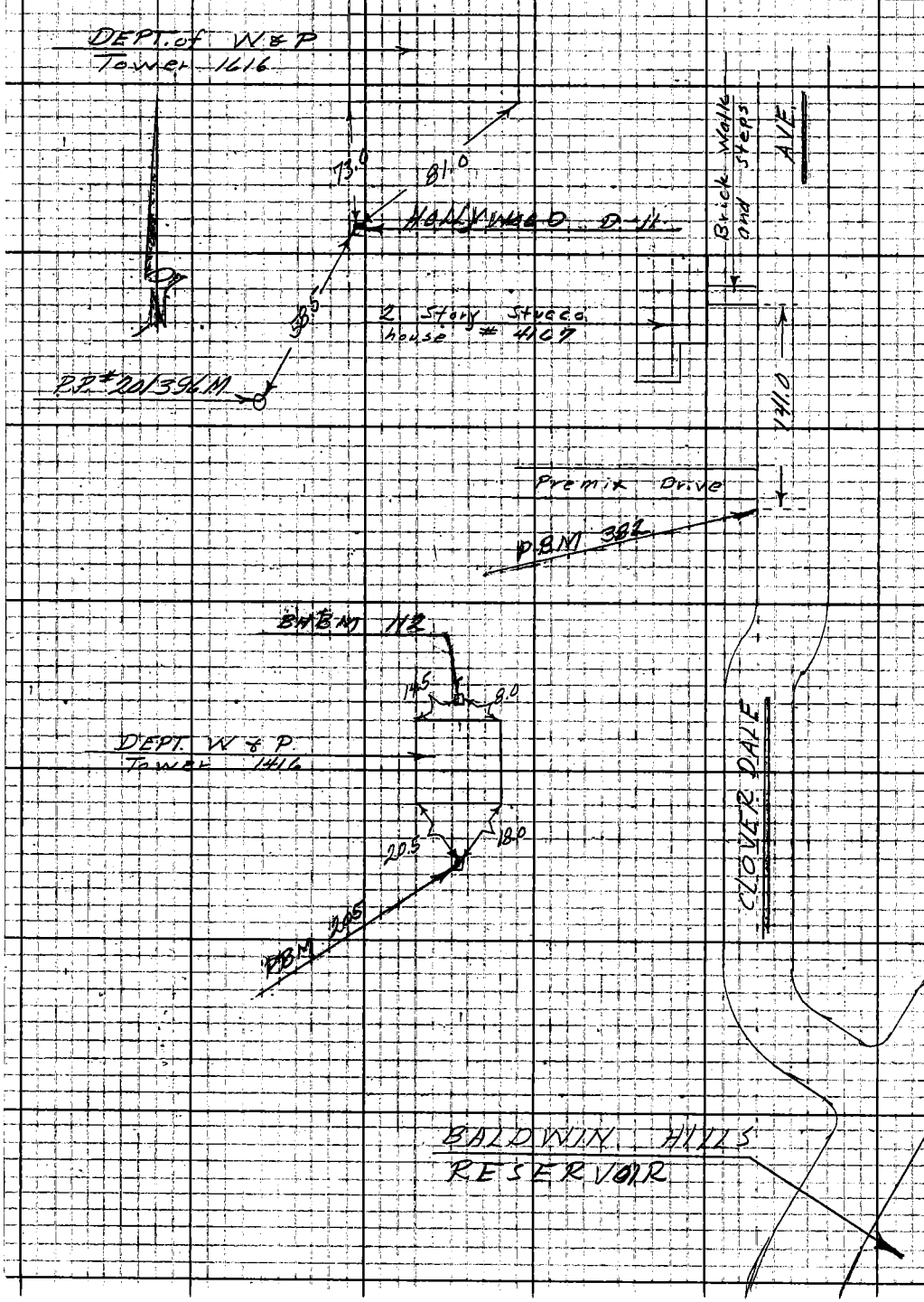
763095 CE #247 7-55

F.B. 2853 PG. 132



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Map No.	J.N. 0301.02 Tape Std. °F	
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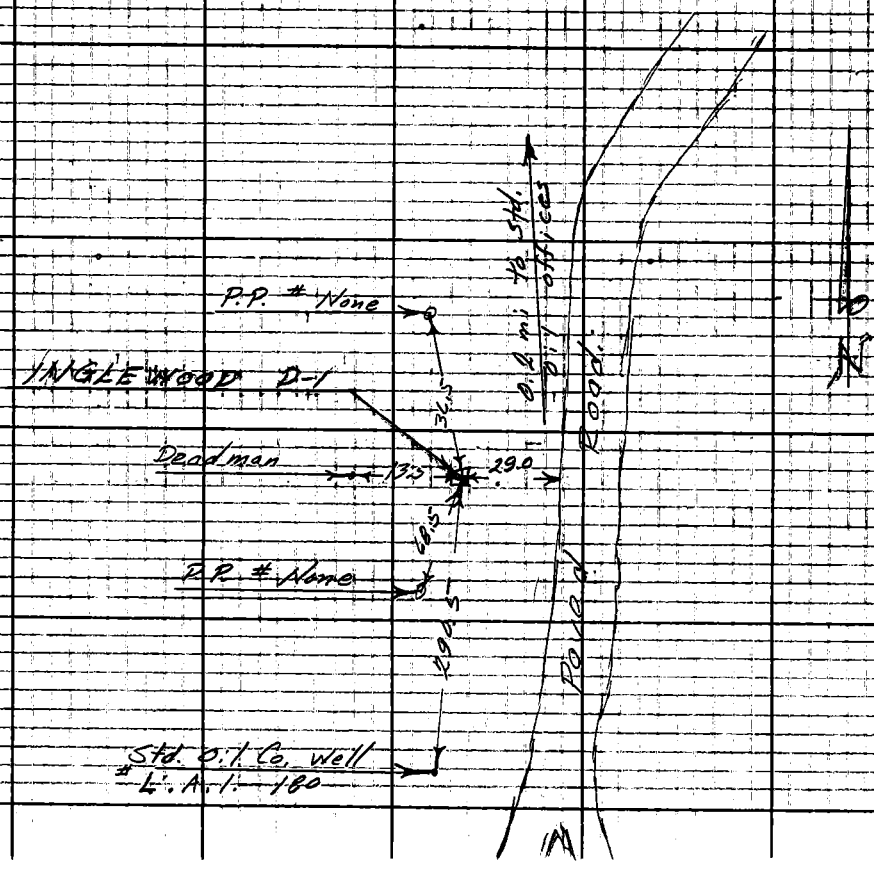
Checked	Notes F. E. Brooks Date June 61	
Date	Indexed B. E. On	

INGLEWOOD D-1

This mark is on the top of a ridge 0.2 mile S of the Std. Oil Co. offices in the Baldwin Hills. It is 29' W of the W edge of a private paved road; 36.5' SE of a PP # none; 13.5' E of a deadman; 68.5 NE of a PP # none; 290.5' NE of Std. Oil Co. well # L.A.I. 180. The mark is a County Survey Control System Triangulation Station disc set in a 12"x12" conc pad flush. The mark is stamped INGLEWOOD D-1 1936 R.E. 2177



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76F309S S&E #247 11-58

F. B. 2853 Pg. 134

PBM 147

This mark is 0.45 miles N of the Std. Oil Co. offices in the Baldwin Hills along a private paved road on top of a ridge. The mark is 12' E of E edge of road; 148' S of the SW cor. of derrick to Tide-water Associated Oil Co. well # Vickers 2. The mark is a Dept. of W&P disc set in a conc. pad flush. The mark is stamped PBM 147.

PBM 409

This mark is 0.4 miles N of the Std. Oil Co. office in the Baldwin Hills along a private paved road on top of a ridge. The mark is 14.5' E of the painted whitevline of the private road; 5' S of Std. Oil Co. well # Vickers 1-55. The mark is a brass screw set in lead in the conc. pad around the well. PBM 409 is painted on the conc.

PBM 146

This mark is 0.3 miles N of the Std. Oil Co. office in the Baldwin Hills at a Y in the private roads on top of a ridge. The mark is 9' N of a PP # none; 16.5' E of the E edge of the W'ly road; 26' W of the W edge of the E'ly road; 102' NW of Std. Oil Co. well # Vickers 1-54. The mark is a Dept. of W&P disc set in a conc. pad flush. The mark is stamped PBM 146

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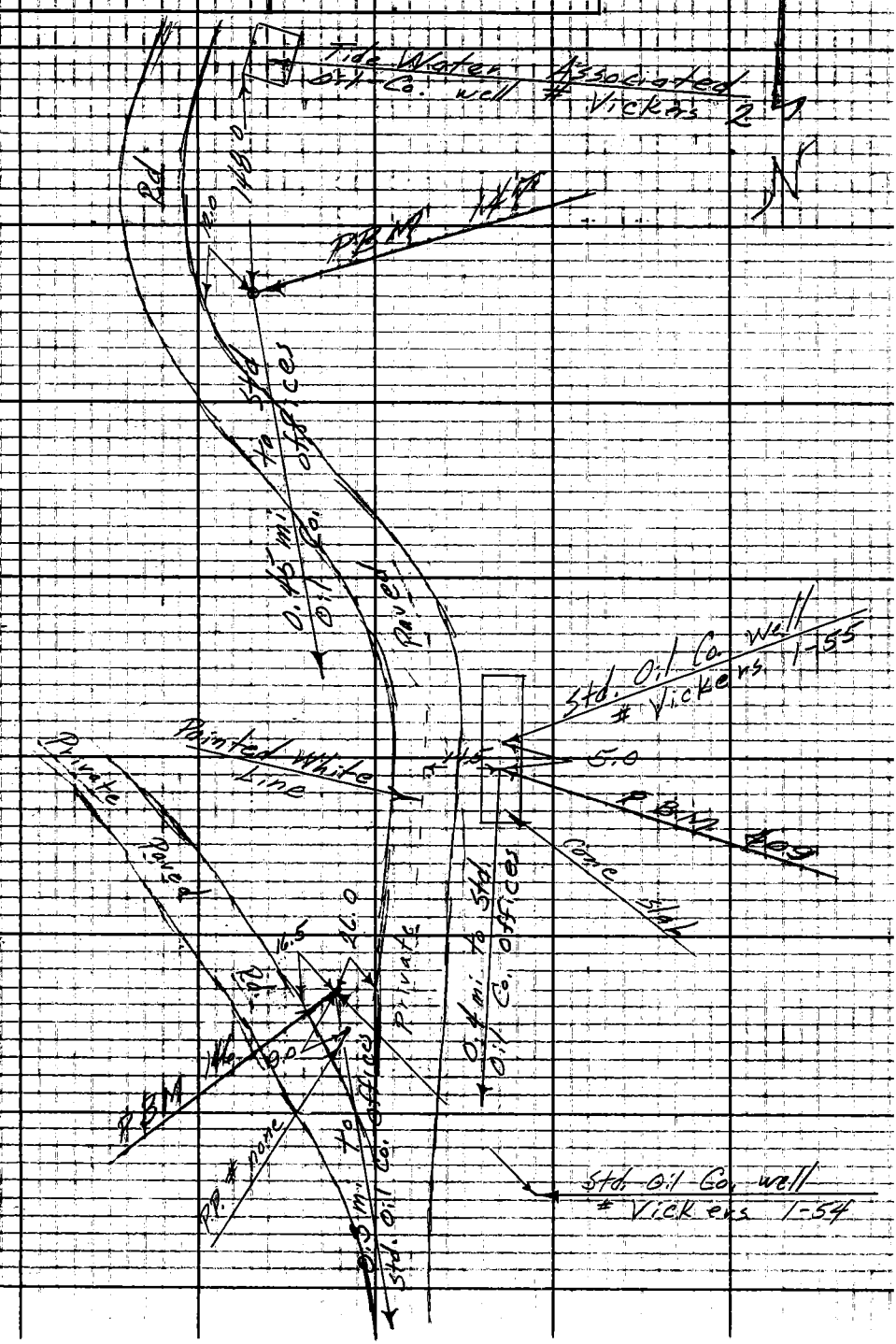
F. B. 2853 PG. 135



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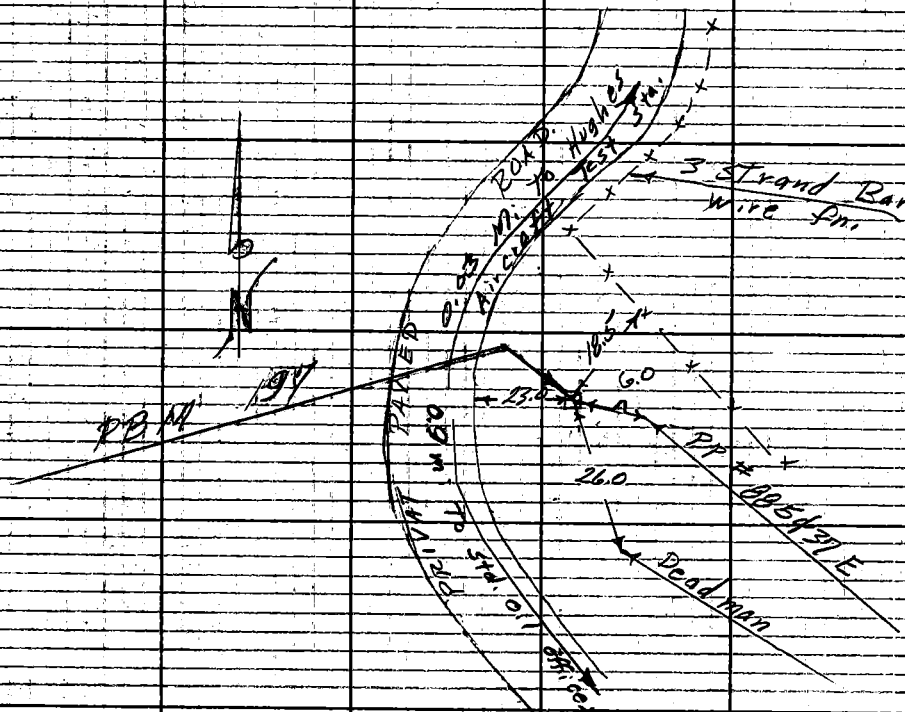
76F3095 S&E #247 11-58

F.B. 2853 PG. 136

PBM 197

This mark is 0.9 miles N of the Std. Oil Co. office in the Baldwin Hills, and 0.03 miles S of the Huges Hughes Aircraft Test Station along a private paved road on top of a ridge. The markkis 6' NW of PP # 88437 E; 26' NW of a deadman; 23' E of E edge of road; 18.5' SW of a 3 strand barb wire fn. The mark is a capped 2" IP set in a conc pad flush. The mark is stamped 10-20-54 PBM 197 L.A.W.D.



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Notes F. E. Brooks Date June 61
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F.B. 2853 Pg. 137

HOLLYWOOD C 10

This mark is in the Baldwin Hills at the Hughes Aircraft Test Station N of the Std. Oil Co. office. The mark is 102' NE of the NW cor. of a 8' chain link fn.; 135' NW of the NE cor. of a chain link fn.; 171' NW of a L&CE Tag set in a conc. pad. Flush. The mark is a L.A.Co. Survey Control System Triangulation Station disc set in a 12"x12" conc. pad flush. The mark is stamped HOLLYWOOD C 10 RE 63 1951 COUNTY SURVEYOR

HOLLYWOOD C 10 ECC 1

This mark is in the Baldwin Hills at the Hughes Aircraft Test Station N of the Std. Oil Co. office. The mark is 154' SE of L&CE Tag set in conc. pad; 88' SW of TP # 721393 H; 119' NW of TP # 721394 H. The mark is a L.A.Co. Survey Control System Triangulation Station disc set in a 12"x12" conc. pad flush. The mark is stamped HOLLYWOOD C 10 ECC 1 1961 L.A.CO. ENGR. R.E. 5869

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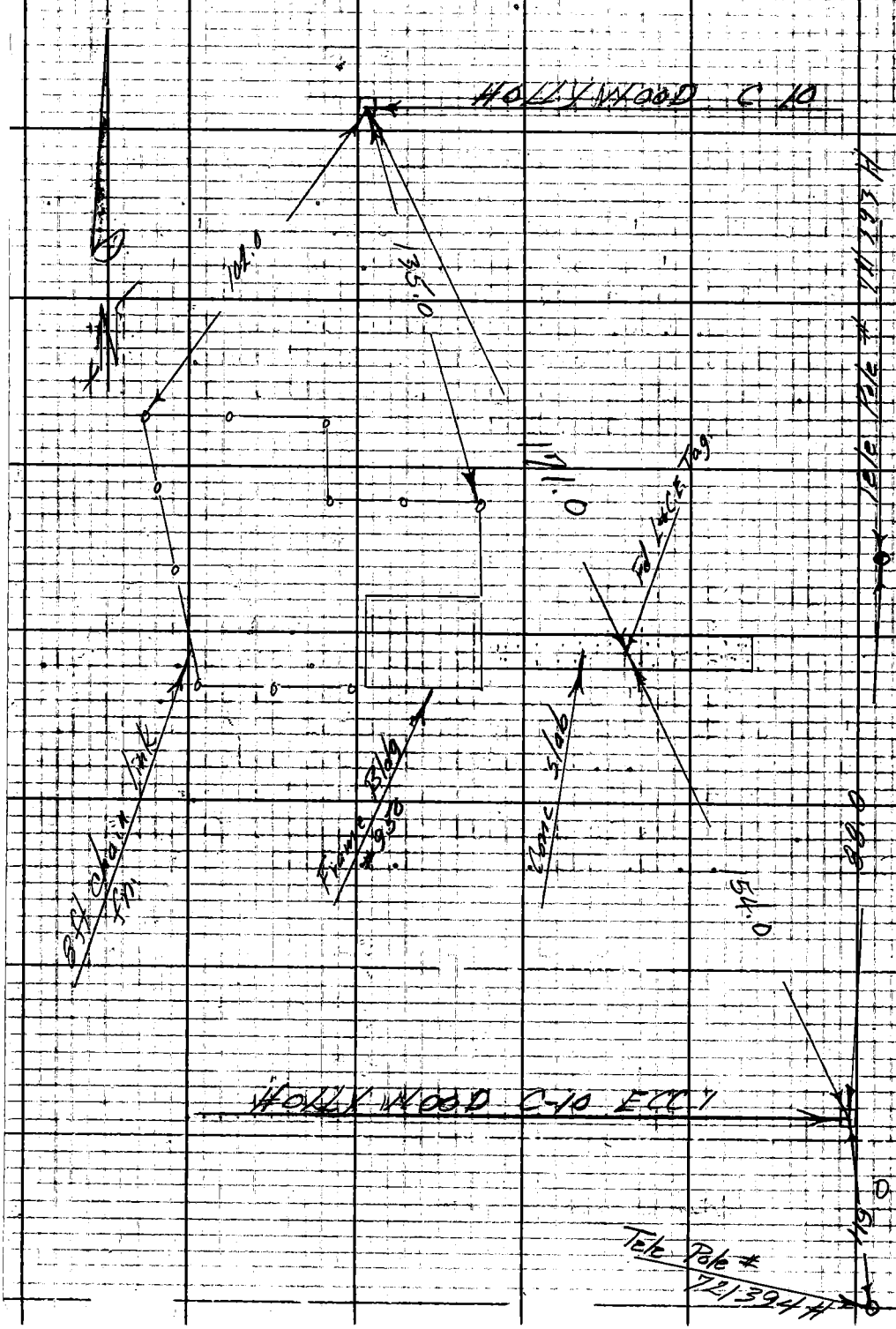

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