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 E.E on JUN 12 61

F. B. 2852 Pg. 5

J.N. 0301.02

L.A.CO. PRECISE LEVEL NET

Level lines No. 29 and 54
and auxilary lines in the

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. 2852 Pg. 6

Index of Differences of Elevation

Line No.	Field Book	From pg.	To pg.
54	2853	5	110
29	2852	7	60
aux 1	"	61	86
" 2	"	87	102
" 3	"	103	120
" 4	"	121	144
" 5	"	145	152
" 6	"	153	162
" 7	"	191	204
Bickup of missed B.M. F.B. 2852		163	166

Tie runs to Geodetic Control Stations

Run No.	Field Book	From pg.	To pg.
1	2852	167	172
2	"	173	178
3	"	179	190

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Notes Ck'd by C S G	Survey of L.A. Co. Precise Level Net	F. B. 2852	Pg. 5 7
Map No.	JN 0301.02 Tape Std		
Office Work	Surveyed by F. E. Brooks		
Checked	Notes F. E. Brooks Date May 61		
Date	Indexed H. E. Ott		

J.N. 0301.02
L.A.CO. PRECISE LEVEL NET

Line No. 29

Route

S. on La Cienega Blvd. from Jefferson Blvd. to the P.E. tracks at Industral Ave.

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

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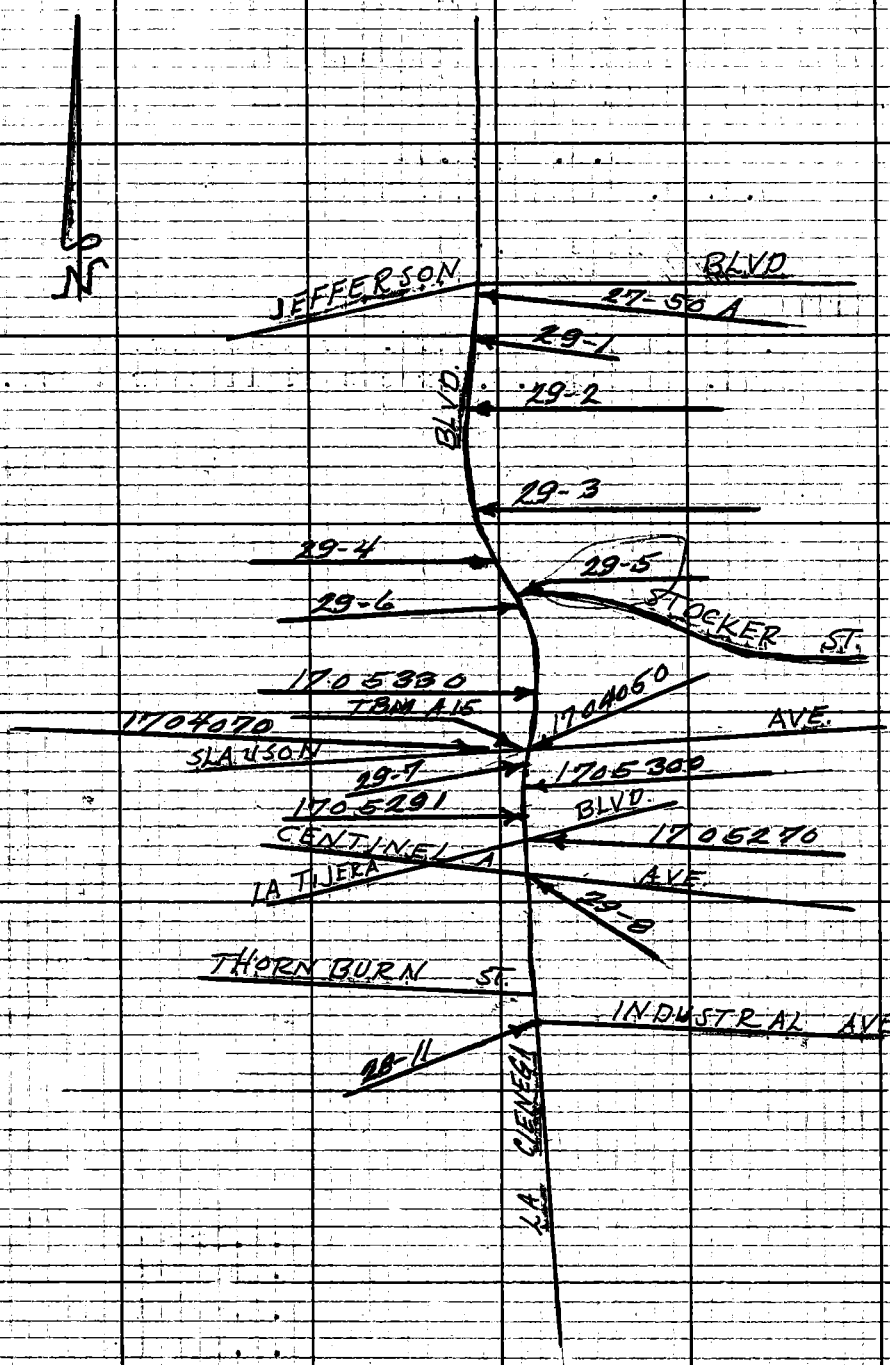
76F3095 SHE #247 11-58

F. B. 2852 Pg. ~~8~~ 8



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

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

F. B. 2852 PG. 9

Line No. 29 B.M. numbers

27-50A
29-1 also PBM 378
29-2
29-3 also 17 05470
29-4 also 17 05450
29-5 also 17 05370 and PBM 222
29-6 also 17 05350
17 05330
TBM A 15 also 17 05310 and PBM 258
17 04070
17 04050
29-7
17 05300
17 05291
17 05270
29-8
28-11

NOTE

The differences of elevation between BM 29-4 and 29-5 were run in line no. 54. They are in F.B. 2853 pg. 64 to pg. 72.

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76F3095 S&E #247 11-58

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F. B. 2852 PG. 10

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by Esquer Time 9:55 - 10:10 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 27-50A To BM 29-1
Date 5-12-61
Indexed H. E. O'B

Number of Station	BACKSIGHT Thread 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	7841		187		#19	4531		182		BM 27-50A
	7654		184			4349		185		La Cienega Blvd and Rodeo
	7470		371			4164		367		Rd.
	22965	7655		371	68°	13044	4348		367	See F.B. 1393-42
2	6240		183			3599		186		↑ LeGault
	6057		186			3413		182		
	5871		369			3231		368		
	18168	6056		740		10243	3414		735	Summation of Run
3	6927		126			3053		126		From B.M. 27-50A
	6801		126			2927		126		To B.M. 29-1
	6675		252			2801		252		Total Backsights = + 35.174
	20403	6801		992		8781	2927		987	Total Foresights = − 16.826
4	8578		187			1314		183		Diff. Elev. = + 18.348 ✓
	8391		184			1131		184		
	8207		371			0947		367		Backsight stadia = 1.473
	25176	8392		1363		3392	1131		1354	Foresight Stadia = 1.454
										Total Stadia = 2.927 ✓
										= .18 mi.
5	6325		055			5056		050		BM 29-1
	6270		055			5006		050		La Cienega Blvd, 0.2
	6215		110			4956		100		mi. Si of Rodeo Rd.
	18810	6270		1473		15018	5006		1454	See F.B. 1351-174
		35.174 ✓					16.826 ✓			

F.B. 1852 P.G. 11

1

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Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 1:10 - 1:25 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 29-1 To BM 27-50A
Date 15 May 1961
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
	5.078		.046		#19	6.351		.057		BM 29-1 PBM 378
	5.030		.049			6.294		.055		La Cienega Blvd 0.2mi
1	4.981		.091			6.239		.112		S. of Rodeo Rd.
	15.089	5.030		.097	70°	18.884	6.295		.112	See F.B. 1351-17
	1.277		.186			6.532		.181		T Lc Gn H
	1.091		.181			6.351		.181		
2	0.902		.375			6.170		.362		Summation of Run
	3.268	1.089		.472		25.053	8.351		.474	From B.M. 29-1
										To B.M. 27-50A
	3.042		.124			6.918		.125		
	2.918		.127			6.797		.126		Total Backsights = + 16.821
3	2.791		.251			6.667		.251		Total Foresights = - 35.177
	8.751	2.917		.723		20.378	6.792		.725	Diff. Elev. = - 18.356
	3.594		.183			6.237		.185		
	3.411		.185			6.052		.186		Backsight stadia = 1.460
4	3.226		.368			5.866		.371		Foresight Stadia = 1.465
	10.231	3.410		1.091		18.155	6.052		1.096	Total Stadia = 2.925
										.19mi
	4.560		.185			7.868		.186		BM 27-50A
	4.375		.184			7.682		.183		La Cienega Blvd and
5	4.191		.369			7.499		.369		Rodeo Rd.
	13.126	4.375		1.460		23.049	7.683		1.465	See F.B. 1393-42
		16.821					35.177			

F.B. 2852 P.G. 12

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 - Wind Inst. No. X5066
Notes by Esquer Time 10:10 - 11:20 Rod No. 19820

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 29-1 To BM 29-2
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	DESCRIPTION AND REMARKS
	8779		148			0807		147		BM 29-1
1	8631		147			0660		149		La Cienega Blvd 1.2 mi.
	8484		295			0511		296		S. of Rodeo Rd.
	25894	8631		295		1978	0659		296	see F.B. 1351-177
	9021		110			1814		111		
2	8911		110			1703		111		T Le Gault
	8801		220			1592		222		
	26733	8911		515		5109	1703		518	
	9308		110			1072		111		
3	9198		110			0961		110		
	9088		220			0851		221		
	27594	9198		735		2884	0961		739	
	9246		111			0661		112		
4	9135		111			0549		110		
	9024		222			0439		222		
	27405	9135		957		1649	0550		961	
	9474		111			0660		112		
5	9363		111			0548		109		
	9252		222			0439		221		
	28089	9363		1179		1647	0549		1182	
		45239					4422			

F.B. 2852 P.G. 17

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Chief of Party F. E. Brooks Weather Clear - Wind Inst. No. 15066
Notes by Esquer Time 10:10 - 11:00 Rod No. 19120

L.A. Co. Precise Level Net
Name
Job No. 6301.02
From BM 29-1 To BM 29-2
Date 5-12-61
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
	9397		111	1179		1479		111	1182	
6	9286		110			1368		109		
	9176		221			1259		220		
	27859	9286		1400		4106	1369		1402	
	9684		130			1466		133		
7	9554		133			1333		133		
	9421		263			1200		266		
	28659	9553		1663		3999	1333		1668	
	8234		111			2071		110		
8	8123		110			1961		112		
	8013		221			1849		222		
	24370	8123		1884		5881	1960		1890	
	7778		111			2399		111		
9	7667		111			2288		113		
	7556		222			2175		224		
	23001	7667		2106		6862	2287		2114	
	7523		114			2844		106		
10	7409		113			2738		110		
	7296		227			2628		216		
	22228	7409		2333		8210	2737		2330	
		87276					14108			

F.B. 2852 PG. 14

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76P526-CE 379—10-57

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Chief of Party Brooks Weather Clear-Wind Inst. No. 15066
Notes by Esquer Time 10:10 - 11:00 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 29-1 To BM 29-2
Date 5-12-64
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean 87276	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean 14108	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	8591		186	2333		2041		186	2330	
	8405		185			1855		187		
	8220		371			1668		373		
	25216	8405		2704		5564	1855		2703	
12	8233		186			2032		187		
	8047		184			1845		183		
	7863		370			1662		370		
	24143	8048		3074		5539	1846		3073	
13	8091		186			1842		189		
	7905		184			1653		186		
	7721		370			1467		375		
	23717	7906		3444		4962	1654		3448	
14	7960		183			1253		185		
	7777		185			1068		185		
	7592		368			0883		370		
	23329	7776		3812		3204	1068		3818	
15	8653		150			0587		146		
	8503		147			0441		150		
	8256		297		✓	0291		296		✓
	25512	8504		4109		1319	0440		4114	
		127915					20971			

F.B. 2852 P.G. 151

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Chief of Party F. E. Brooks Weather Clear - Wind Inst. No. 15066
Notes by Esquer Time 10:10 - 11:00 Rod No. 19920

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 29-1 To BM 29-2
Date 5-12-61
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
		127915					20971			
	6751		057	4109		3283		059	4114	
16	6694		055			3224		060		
	6639		112			3164		119		
	20084	6695		4222		9671	3224		4233	
										BM 29-2 La Cienega Blvd at Pit S. of Culver City Bdry line See F.B. 1351-178
										Total Backsights = + 134610 Total Foresights = − 24195 Diff. Elev. = + 110415
										Summation of Run From B.M. 29-1 To B.M. 29-2
										Backsight stadia = 4233 Foresight Stadia = 4222 Total Stadia = 8455
		134610					24195			= .53 mi

F.B. 2852 P.G. 16

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76P526-CE 379—10-57

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Chief of Party Brooks Weather overcast Inst. No. 15066
Notes by Esquer Time 11:20 - 12:00 Rod No. 19 & 20

Name LA Co Precise Level Net
Job No. 0301.02
From BM 29-2 To BM 29-1
Date 5-15-61
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	3394		059		#19	6863		057		BM 29-2
	3335		059			6806		055		La Cienega Blvd at P.I.
	3276		118			6751		112		S. of Culver City Bdry line
	10005	3335		118	70°	20420	6807		112	See F.B. 1351-178
2	0768		148			8832		149		
	0620		148			8683		146		π LeGault
	0472		296			8537		295		
	1860	0620		414		26052	8684		407	
3	1463		185			8171		184		
	1278		186			7987		185		
	1092		371			7802		369		
	3833	1278		785		23960	7987		776	
4	2051		187			8302		187		
	1864		184			8115		184		
	1680		371			7931		371		
	5595	1865		1156		24348	8116		1147	
5	2113		184			8318		186		
	1929		185			8132		184		
	1744		369		✓	7948		370		
	5786	1929		1525		24398	8133		1517	✓
		9,027	✓				39.727	✓		

F.B. 2852 P.G. 12

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Chief of Party Brooks Weather overcast Inst. No. 15066
Notes by Esquer Time 11:20 – 12:00 Rod No. 19 & 20

Name LA Co Flood Control
Job No. 0301.02
From BM 29-2 To BM 29-1
Date 5-15-61
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	2044	9.027	184	1525		8596	39.727	187	1517	
	1860		187			8409		186		
	1673		371			8223		373		
	5577	1859		1896		25228	8409		1890	
7	2880		110			7551		109		
	2770		111			7442		109		
	2659		221			7333		218		
	8309	2770		2117		22326	7442		2108	
8	2541		111			7921		111		
	2430		112			7810		111		
	2319		223			7699		222		
	7290	2430		2340		23430	7810		2330	
9	2215		112			8379		111		
	2103		110			8268		111		
	1993		222			8157		222		
	6311	2104		2562		24805	8268		2552	
10	1640		133			9859		132		
	1507		133			9727		132		
	1374		266			9595		264		
	4521	1507		2828		29181	9727		2816	
8		19.697					81.383			

F.B. 2852 P.G. 18

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather overcast Inst. No. 15066
Notes by Esquer Time 11:20 - 12:00 Rod No. 19820

Name LA Co Precise Level Net
Job No. 130102
From BM 29-2 To BM 29-1
Date 5-15-61
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
11	1917	19.697	110	2828		9835	81.383	111	2816	
	1807		110			9724		111		
	1697		220			9613		222		
	5421	1807		3048		29172	9724		3038	
12	0657		112			9471		110		
	0545		109			9361		110		
	0436		221			9251		220		
	1638	0546		3269		28083	9361		3258	
13	0742		110			9330		111		
	0632		110			9219		111		
	0522		220			9108		222		
	1896	0632		3489		27657	9219		3480	
14	1072		111			9308		110		
	0961		110			9198		110		
	0851		221			9088		220		
	2884	0961		3710		27594	9198		3700	
15	1898		112			9104		109		
	1786		110			8995		111		
	1676		222			8884		220		
	5360	1787		3932		26983	8994		3920	
		25.430					127.879			

F.B. 2852 P.G. 19

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by Esquer Time 11:20 - 12:00 Rod No. 19-20

Name LA G Precise Level Rd Ct
Job No. 030122
From BM 29-2 To BM 291
Date 5-15-61
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	0935	25430	148	3932		8907	127.879	147	3920	
	0787		147			8760		147		
	0640		295			8613		294		
	2362	0787		4227		26280	8760		4214	
										BM 29-1 La Cienega Blvd 0.2 mi S of Rodeo Rd. See F.B. 1351-177
										Backsight stadia = 4.227 Foresight Stadia = 4.214 Total Stadia = 8.441 = 0.53 mi
										Summation of Run From B.M. 29-2 To B.M. 29-1
										Total Backsights = + 26.217 Total Foresights = − 136.639 Diff. Elev. = − 110.422
10		26.217					136.639			

F.B. 2052 P.G. 20

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Wind Inst. No. 15066
Notes by ~~F. E. Brooks~~ Esquer Time 11:30 - 12:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0501.02
From BM 29-2 To BM 29-3
Date 12 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	6758		102		#19	1144		103		BM 29-2
	6656		102			1041		105		La Cienega Blvd at P.I.
	6554		204			0936		208		S. of Culver City Bdry line
	19968	6656		204		3121	1040		208	See F.B. 1361-178
2	9360		118			0586		118		T Brooks
	9242		120			0468		120		
	9122		238			0348		238		
	27724	9241		442		1402	0467		446	
3	9527		119			0550		118		
	9408		119			0432		119		
	9289		238			0313		237		
	28224	9408		680		1295	0432		683	
4	9350		119			0512		117		
	9231		115			0395		118		
	9116		234			0277		235		
	27697	9232		914		1184	0395		918	
5	9495		118			0679		118		
	9377		117			0561		118		
	9260		235			0443		236		
	28132	9377		1149		1683	0561		1154	
		43914 ✓					2895 ✓			

F.B. 2852 P.G. 2

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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 - Wind Inst. No. 15066
Notes by ~~F. E. Brooks~~ Esquer Time 11:30 – 12:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 29-2 To BM 29-3
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
6	9466	43.914	120	1149		0629	2895	119	1154	
	9346		118			0510		119		
	9228		238			0391		238		
	28040	9347		1387		1530	0510		1392	
7	9368		119			0649		119		Summation of Run
	9249		119			0530		118		From B.M. 29-2
	9130		238			0412		237		To B.M. 29-3
	27747	9249		1625		1591	0530		1629	Total Backsights = + 86.804
8	8849		119			2055		119		Total Foresights = – 12.255
	8730		119			1936		118		Diff. Elev. = + 74.549 ✓
	8611		238			1818		237		
	26190	8730		1863		5809	1936		1866	Backsight stadia = 2.689
19	8695		187			3167		185		Foresight Stadia = 2.679
	8508		184			2982		182		Total Stadia = 5.368
	8324		371			2800		367		0.34 mi
	25527	8509		2234		8949	2983		2233	
10	7280		226			3624		222		BM 29-3
	7054		224			3402		224		La Cienega Blvd. 1.0 mi
	6830		450			3178		446		N. of Stocker St
	21164	7055		2689		10204	3401		2679	See F.B. 1351-179
		86.804					12.255			

F.B. 2852 P.G. 22

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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 E. E. Brooks Weather overcast Inst. No. 15066
Notes by Esquer Time 10:55-11:20 Rod No. 19820

Name LA. Co. Precise Level Net
Job No. 0301.02
From BM 29-3 To BM 29-2
Date 5-15-61
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	3655		225		#19	7309		224		BM 29-3
	3430		222			7085		222		La Cienega Blvd. 1.0mi
	3208		447			6863		446		N. of Stocker St.
	10293	3431		447	68°	21257	7086		446	See F.B. 1351-179
2	3205		184			8735		186		
	3021		182			8549		185		T Brooks
	2839		376			8364		371		
	9065	3022		823		25648	8549		817	
3	2217		119			9010		119		
	2098		118			8891		118		
	1980		237			8773		237		
	6295	2098		1060		26674	8891		1054	
4	0912		119			9629		119		
	0793		118			9510		116		
	0675		237			9394		235		
	2380	0793		1297		28533	9511		1289	
5	0844		119			9681		119		
	0725		119			9562		118		
	0606		238			9444		237		
	2175	0725		1535		28687	9562		1526	
		10.069					43.599			

F.B. 3852 P.G. 23

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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 Overcast Inst. No. 15066
Notes by Esquer Time 10:55 – 11:20 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 29-3 To BM 29-2
Date 5-15-61
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	0781	10.069	120	1535		9592	43.599	117	1526	
	0661		119			9475		117		
	0542		239			9358		234		
	1984	0661		1774		28425	9475		1760	
7	0775		117			9616		121		Summation of Run
	0658		118			9495		117		From B.M. 29-3
	0540		235			9378		238		To B.M. 29-2
	1973	0658		2009		28489	9496		1998	Total Backsights = + 13.956
8	0698		120			9670		118		Total Foresights = – 88.500
	0578		119			9552		117		Diff. Elev. = – 74.544 ✓
	0459		239			9435		235		
	1735	0578		2248		28657	9552		2233	Backsight stadia = 2.686
9	0758		118			9532		120		Foresight Stadia = 2.681
	0640		118			9412		119		Total Stadia = 5.367
	0522		236			9293		239		= .3 km
	1920	0640		2484		28237	9412		2472	
10	1451		101			7070		104		BM 29-2
	1350		101			6966		105		La Cienega Blvd. at P.I.
	1249		202			6861		209		S. of Culver City Bdry. line
	4050	1350		2686		20897	6966		2681	See F.B. 1351-178
		13.956					88.500			

F.B. 2052 P.G. 24

76P526-CE 379—10-57

PLEASE RETURN TO
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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 E. E. Brooks Time 1:10 - 1:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 29-3 To BM 29-4
Date 12 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
	7.322		.187		#19	3.351		.185		BM 29-3
	7.135		.186			3.166		.183		La Cienega Blvd 445 ft. N.
1	6.945		.377			2.983		.368		of oil Co. bridge
	21.406	7.135		.373	70°	9.500	3.167		368	See F.B. 1351-179
	5.481		.247			7.165		.245		T LeGault
	5.234		.246			4.920		.247		Summation of Run
2	4.988		.493			4.673		.492		From B.M. 29-3
	15.703	5.234		.866		20.758	6.919		.860	To B.M. 29-4
	2.282		.186			7.769		.186		Total Backsights = + 16.652
	2.096		.185			7.581		.183		Total Foresights = − 23.803
3	1.911		.371			7.398		.369		Diff. Elev. = − 7.151 ✓
	6.289	2.096		1.237		22.746	7.582		1.229	
	2.371		.184			6.320		.186		BM 29-4
	2.187		.185			6.134		.184		La Cienega Blvd 580ft.
4	2.002		.369			5.950		.370		S. of oil Co. bridge
	6.560	2.187		1.606		18.404	6.135		1.599	See F.B. 1351-180
										Backsight stadia = 1,606
										Foresight Stadia = 1.599
										Total Stadia = 3.205
										.20 mi
		16.652 ✓					23.803			

F.B. 2852 P.G. 25

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather overcast Inst. No. 15066
Notes by Esquer Time 10:40 - 10:55 Rod No. 19-26

Name L.A. Co. Precise Level Net
Job No. 034.02
From BM 29-4 To BM 29-3
Date 5-15-61
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
	6518		186		#19	2571		187		BM 29-4
1	6332		184			2384		185		La Cienega Blvd 680 ft.
	6148		370			2199		372		S. of oil co. bridge
	18998	6333		370	68°	7154	2385		372	See F.B. 1351-180
	7958		186			2471		186		T LeGoulf
2	7772		184			2285		185		
	7588		370			2100		371		Summation of Run
	23318	7773		740		6856	2285		743	From B.M.
										To B.M.
	7443		245			5257		246		
3	7198		247			5511		244		Total Backsights = + 24688
	6957		492			5267		490		Total-Foresights = - 17536 ✓
	21592	7197		1232		16535	5512		1233	Diff. Elev. = + 7152
	3570		185			7539		186		BM 29-3
4	3385		185			7353		184		La Cienega Blvd 445 ft.
	3200		370			7169		370		N of oil co bridge
	10155	3385		1602		22161	7354		1603	See F.B. 1351-179
										Backsight stadia = 1602
										Foresight Stadia = 1603
										Total Stadia = 3205
		24688					17536			.20 mi.

F.B. 2852 P.G. 26

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 1:35 - Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 29-5 To BM 29-6
Date 12 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
	1.747		.187		#19	11.760		.186		BM 29-5
	1.560		.186			11.574		.184		La Cienega Blvd and
	1.374	✓	.373 ✓			11.390	✓	.370 ✓		Stocker St.
	4.681	1.560		.373 ✓	70°	34.724	11.575		.370 ✓	see F.B. 1351 - 181
										BM 29-6
										La Cienega Blvd 247 ft
										S. of Stocker St.
										see F.B. 1351 - 181
										T LeGault
										Summation of Run
										From B.M. 29-5
										To B.M. 29-6
										Total Backsights = + 1.560
										Total Foresights = − 11.575
										Diff. Elev. = -10.015 ✓
										Backsight stadia = 373
										Foresight Stadia = 370
										Total Stadia = 743'
										.105 mi

F.B. 2652 P.G. 27

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 29-6 To BM 29-5
Date 15 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	11.860		.185		#19	1.849		.188		BM 29-6
	11.675		.185			1.661		.185		La Cienega Blvd 247 ft
	11.490		.370			1.476		.373		S. of Stocker St.
	35.025	11.675		370	66°	4.981	1.662		373	See F.B. 1351-181
										BM 29-5 PBM 222
										La Cienega Blvd and
										Stocker St.
										See F.B. 1351-181
										T LeGault
										Summation of Run
										From B.M. 29-6
										To B.M. 29-5
										Total Backsights = + 11.675
										Total Foresights = − 1.662
										Diff. Elev. = + 10.013
										Backsight stadia = .370
										Foresight Stadia = .373
										Total Stadia = .743
										= .05 mi

F.B. 2852 P.G. 28

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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 E. E. Brooks Time 1:40 - 1:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 29-C To BM 1705330
Date 12 MAY 1961
Indexed E. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.482		.121		#19	8.510		.117		BM 29-C
	2.361		.119			8.393		.116		La Cienega Blvd 247 ft
1	2.242		.240			8.277		.233		S. of Stocker St.
	9.085	2.362		.240	70°	25.180	8.393		.233	See F.B. 1351-181
	1.548		.146			7.439		.148		Π LeGault
	1.402		.145			7.291		.148		Summation of Run
2	1.257		.291			7.143		.296		From B.M. 29-C
	4.207	1.402		.531		21.873	7.291		.529	To B.M. 17 05330
	3.569		.186			5.889		.187		Total Backsights = + 10.470
	3.383		.183			5.702		.184		Total Foresights = = 26.328 ✓
3	3.200		.369			5.518		.371		Diff. Elev. = - 15.858
	10.152	3.384		.900		17.109	5.703		.900	
	3.426		.104			5.050		.109		BM 17 05330 PBM 253
	3.322		.103			4.941		.108		La Cienega Blvd 950 ft.
4	3.219		.207			4.833		.217		S. of Stocker St.
	9.967	3.322		1.107		14.824	4.941		1.117	
										Backsight stadia 1.107
										Foresight Stadia 1.117
										+ Stadia = 2.224
										= .14 mi.
		10.470 ✓					26.328 ✓			

F.B. 2852 P.G. 29

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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 E. E. Brooks Weather Overcast Inst. No. 15066
Notes by F. E. Brooks Time 10:20-10:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 1705330 To BM 29-C
Date 15 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
	5.221		.109		#19	3.597		.104		BM 1705330 PBM 253
	5.112		.109			3.493		.102		La Cienega Blvd 950ft.
1	5.003		.218			3.391		.206		S. of Stocker St.
	15.336	5.112		218	64°	10.481	3.494		.206	
	6.111		.185			3.792		.184		TURN
	5.926		.185			3.608		.186		
2	5.741		.370			3.422		.370		Summation of Run
	17.778	5.926		588		10.822	3.607		.576	From B.M. 1705330
										To B.M. 29-C
	7.643		.147			1.753		.145		
	7.496		.148			1.608		.148		Total Backsights = + 27.044
3	7.348		.295			1.460		.293		Total Foresights = − 11.186 ✓
	22.487	7.496		883		4.821	1.607		.869	Diff. Elev. = + 15.858
	8.627		.117			2.598		.121		BM 29-C
	8.510		.118			2.477		.119		La Cienega Blvd 249ft.
	8.392		.235			2.358		.240		S. of Stocker St.
	25.529	8.510		1.118		7.433	2.478		1109	See F.B. 1351-191.
										Backsight stadia = 1.118
										Foresight Stadia = 1.109
										Total Stadia = 2.227
										= .114 m.
		27.044 ✓					11.186 ✓			

F.B. 2052 PG. 30

76P526-CE 379—10-57

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700 Los Angeles County Engineering Bldg.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Wind Inst. No. 15066
Notes by Esquer Time 1:55 - 2:45 Rod No. 19120

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 17 05330 To BM TBM A15
Date 5-12-66
Indexed B. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5378		185			3430		184		BM 17 05330
	5193		183			3246		186		La Cienega Blvd. 950ft.
	5010		368			3060		370		S. of Stocker St.
	15581	5194		368		9736	3245		370	
2	7409		149			2674		147		
	7260		150			2527		148		℄ Le Gault
	7110		299			2379		295		
	21779	7260		667		7580	2527		665	
3	8300		185			2091		187		
	8115		187			1904		185		
	7928		372			1719		372		
	24343	8114		1039		5714	1905		1037	
4	8070		188			3992		183		
	7882		184			3809		186		
	7698		372			3623		369		
	23650	7883		1411		11424	3808		1406	
5	4864		186			7244		185		
	4678		186			7059		186		
	4492		372			6873		371		✓
	14034	4678		1783		21176	7059		1777	
		33.129					18.544			

F.B. 2852 P.G. 31

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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-Wind Inst. No 15066
Notes by Esquer Time 1:55-2:45 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 1705330 To TBM A15
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
6	1664	33.129	184	1783		10721	18.544	187	1777	
	1480		187			10534		185		
	1293		371			10349		372		
	4437	1479		2154		31604	10535		2149	
7	0978		118			9991		118		
	0860		118			9873		115		
	0742		236			9758		233		
	2580	0860		2390		29622	9874		2382	
8	1026		105			9347		101		
	0921		103			9246		103		
	0818		208			9143		204		
	2765	0922		2598		27736	9245		2586	
9	1043		100			9441		107		
	0943		100			9334		105		
	0843		200			9229		212		
	2829	0943		2798		28004	9335		2798	
10	1044		103			9348		104		
	0941		102			9244		103		
	0839		205			9141		207		
	2824	0941		3003		27733	9244		3005	
		38.274					66.777			

F.B. 2852 P.G. 32

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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 E. E. Brooks Weather Clear-Wind Inst. No. 15066
Notes by Esquer Time 1:55 - 2:45 Rod No. 19820

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 1705330 To TBM A15
Date 5-12-61
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
	0720	38.274	102	3003		8667	66.777	102	3005	
11	0618		103			8565		102		
	0515		205			8463		204		
	1853	0618		3208		25695	8565		3209	
	0946		104			9213		103		
12	0842		102			9110		103		
	0740		206			9007		206		
	2528	0843		3414		27330	9110		3415	
	0501		104			8730		100		
13	0397		104			8630		100		
	0293		208			8530		200		
	1191	0397		3622		25890	8630		3615	
	0686		118			6602		116		
14	0568		116			6486		116		
	0452		234			6370		232		
	1706	0569		3856		19458	6486		3847	
	5649		184			2518		181		
15	5465		183			2337		182		
	5282		367			2155		363		
	16396	5465		4223		7010	2337		4210	
		46.166					101.905			

F.B. 2852, P.G. 33

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Wind Inst. No. 15066
Notes by Esquer Time 1:55 - 2:45 Rod No. 19820

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 17-05330 To TBM A 15
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
16	7168	46.166	103	4223		4743	101.905	095	4210	TBM A 15
	7065		102			4648		093		La Cienega Blvd. & Slauson Ave.
	6963		205			4555		188		2ft. of W. end of Bridge
	21196	7065		4428		13946	4649		4398	See F.B. 1351-182
										Summation of Run
										From B.M. 17-05330
										To B.M. TBM A 15
										Total Backsights = + 53.231
										Total Foresights = − 106.554
										Diff. Elev. = − 53.323 ✓
										Backsight stadia = 4.428
										Foresight Stadia = 4.398
										Total Stadia = 8.826
										.56 mi
		53.231					106.554			

F.B. 2852 P.G. 34

AB

76P526-CE 379—10-57

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700 Los Angeles County Engineering Bldg.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather overcast Inst. No. 15066
Notes by Esquer Time 9:35-10:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From TBM A 15 To BM 170 5110
Date 5-15-61
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	4734		089			7172		107		TBM A 15
	4645		089			7065		105		La Cienega Blvd. & Slauson Ave
	4556		178			6960		212		2ft. of W. end of Bridge
	13935	4645		178		21197	7066		212	SEE F.B. 1351-182
2	2511		182			5640		182		
	2329		182			5458		183		T Le Gault
	2147		364			5275		365		
	6987	2329		542		16373	5458		577	
3	7280		118			1363		116		
	7162		115			1247		117		
	7047		233			1130		233		
	21489	7163		775		3740	1247		810	
4	9234		112			0982		093		
	9122		111			0889		092		
	9011		223			0797		185		
	27367	9122		998		2668	0889		995	
5	8791		101			0524		103		
	8690		102			0421		103		
	8588		203			0318		206		
	26069	8690		1201		1263	0421		1203	
		31949					15081			

F.B. 2852 P.G. 35

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by ESQUER Time 9:35–10:20 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From TBM A-15 To BM W05330
Date 5-15-61 M. E. Sth
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
	31949					15081 ✓				
6	8794		101	1201		0850		103	1203	
	8693		101			0747		103		
	8592		202			0644		206		
	26079	8693		1403		2241	0747		1409	
7	9386		103			1086		105		
	9283		102			0981		103		
	9181		205			0878		208		
	27850	9283		1608		2945	0982		1617	
8	9506		103			1113		103		
	9403		103			1010		103		
	9300		206			0907		206		
	28209	9403		1814		3030	1010		1823	
9	9460		102			1138		106		
	9358		100			1032		104		
	9258		202			0928		210		
	28076	9359		2016		3098	1033		2033	
10	9853		116			0840		118		
	9737		117			0722		115		
	9620		233			0607		233		
	29210	9737	✓	2249		2169	0723	✓	2266	
		78424					19576			

F.B. 2852 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 Overcast Inst. No. 15066
Notes by Esquer Time 9:35 - 10:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From TBM A15 To BM 1705330
Date 5-15-61
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
		7B424					19576			
11	10810		187	2249		1756		186	2266	
	10623		184			1570		187		
	10439		371			1383		373		
	31872	10624		2620		4709	1570		2639	
12	7316		192			4921		180		
	7124		192			4741		180		
	6932		384			4561		360		
	21372	7124		3004		14223	4741		2999	
13	4066		186			8142		186		
	3880		184			7956		185		
	3696		370			7771		371		
	11642	3881		3374		23869	7956		3370	
14	2379		188			8588		187		
	2191		185			8401		186		
	2006		373			8215		373		
	6576	2192		3747		25204	8401		3743	
15	2962		148			7699		150		
	2814		147			7549		149		
	2669		295			7400		299		
	8443	2814		4042		22648	7549		4042	
		105059					49793			

F.B. 2852 P.G. 37

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather overcast Inst. No. X5066
Notes by Esquer Time 9:35 - 10:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From TBM A 15 To BM 1705330
Date 5-15-61 H. E. Ott
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean 125059	BACKSIGHT ✓ Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean 49793	FORESIGHT ✓ Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
16	3770		186	4042		5715		185	4642	BM 1705330
	3584		184			5530		183		La Cienega Blvd. 950ft.
	3400		✓ 370			5347		✓ 368		S. of Stocker St.
	10754	3585		4412		16592	5531		4410	
										Summation of Run
										From B.M. TBM A-15 ✓
										To B.M. BM-1705330
										Total Backsights = + 108644
										Total Foresights = − 55324
										Diff. Elev. = +53320 ✓
										Backsight stadia = 4412
										Foresight Stadia = 4410
										Total Stadia = 8822
										.56 mi.
		108644					55320			

F.B. 2852 PG. 38

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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-Wind Inst. No. 15066
Notes by Esquer Time 2:45 Rod No. 19920

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From TBM A15 To BM 1704050
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	DESCRIPTION AND REMARKS
1	5498		135			3928		128		TBM A-15
	5363		132			3800		129		La Cienega Blvd. & Slauson Ave
	5231		267			3671		257		2 ft. at W. end. of bridge
	16092	5364		267		11399	3800		257	See F.B. 1351-182
										BM 1704050
										Slauson Ave. 2ft. W. of E. end of bridge over La Cienega Blvd.
										T LeGault
										Summation of Run
										From B.M. A15
										To B.M. 1704050
										Total Backsights = + 5.364
										Total Foresights = — 3.800 ✓
										Diff. Elev. = + 1.564
										F.B. 2852 P.G. 39
										Backsight stadia = 0.267
										Foresight Stadia = 0.257
										Total Stadia = 0.520
		5.364 ✓					3.800 ✓			.03 mi

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by Esquer Time 9:35- Rod No. 19-28

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 1704.050 To TBM A15
Date 5-15-61
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	4050		129			5619		132		BM 1704.050 S/Sawson Ave. 2ft. W. of E. end of bridge over La Cienega Blvd.
	3921		130			5487		134		
	3791		259	✓		5353	✓	266	✓	
	11762	3921 ✓		259		16459	5486		266	
										TBM A15 La Cienega Blvd. & Sawson Ave. 2ft. of W. end of bridge. See F.B. 1351-182
										Summation of Run T LeGault From B.M. To B.M.
										Total Backsights = + 3921 Total Foresights = − 5486 Diff. Elev. = − 1565 ✓
										Backsight stadia = 259 Foresight Stadia = 266 Total Stadia = 525 .03 mi

F.B. 2852 P.G. 40

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 Wind Inst. No. 15066
Notes by Esquer Time 2:50 Rod No. 19820

L.A. Co. Precise Level Net
Name
Job No. 0391.02
From BM 1704050 To BM 1704070
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
1	3851		179			6946		167		BM 17 04050
	3672		179			6779		168		Slauson Ave, 2ft. W. of E end
	3493		358			6611		335		of bridge over La Cienega Blvd.
	11016	3672		358		20336	6779		335	
										BM 1704070
										@ Slauson Ave & E La Cienega
										Blvd. Prod.
										Summation of Run T LeGoult
										From B.M. 1704050
										To B.M. 1704070
										Total Backsights = + 3.672
										Total Foresights = − 6.779 ✓
										Diff. Elev. = − 3.107
										F.B. 2852 P.G. 41
										Backsight stadia = 0.358
										Foresight Stadia = 0.335
										Total Stadia = 0.683
										.04 mi
		3672					6.790			

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by E. Sowers Time 9:30 - Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 03 01 02
From BM 1704070 To BM 1704050
Date 5-15-61
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	7006		166		#19	3913		177		BM 1704070
	6840		167			3736		178		E Slauson Ave. & E La Cienega
	6673		333			3558		355		Blvd. Prod.
	20519	6840		338	68°	11207	3736		355	
										BM 1704050
										Slauson Ave. 2ft. W. of E. end
										of bridge over La Cienega Blvd.
										TT LeGault
										Summation of Run
										From B.M. 1704070
										To B.M. 1704050
										Total Backsights = + 6.840
										Backsight Stadia =
										Total Foresights = - 3.736
										Foresight Stadia =
										Diff. Elev. = + 3.104 ✓
										Backsight stadia = 338
										Foresight-Stadia = 355
										Total Stadia = .693
										= .07 m.

F.B. 2852 P.G. 42

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by ESQUER Time 3:00 - 3:20 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From B.M. 1704070 To B.M. 29-7
Date 5-12-61
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	6.179		.091		#19	6.273		.084		BM 1704070
	6.088		.093			6.189		.084		La Cienega Blvd and
	5.995		.184			6.005		.168		Slauson Ave.
	18.262	6087		184	68°	18567	6189		168	
2	13 79		180			10459		190		R Rodriguez
	1199		180			10269		190		Summation of Run
	1019		360			10079		380		From B.M. 1704070
	3599	1199		544		30807	10269		548	To B.M. 29-7
3	5.077		.036			9269		.032		Total Backsights = + 16.590
	5041		.038			9237		.055		Total Foresights = — 41.929 ✓
	5.003		.074			9202		.067		Diff. Elev. = - 25.339
	15.121	5.040		.618		27708	9.236		615	
4	0573		.042			9.926		.044		BM 29-7
	0.531		.044			9.882		.044		La Cienega 1st P.I.S.
	0.487		.086			9.838		.088		of Slauson Ave
	1.591	0.530		.704		29.646	9.882		703	see F.B. 1351-182
5.	3.774		.035			6.389		.036		Backsight stadia = .774
	3.739		.035			6.353		.035		Foresight Stadia = .774
	3.704		.070			6.318		.071		Total Stadia = 1.548
	11.217	3.739		.774		19.060	6.353		.774	.10 mi.
		16.590					41.929			

F.B. 2852 P.G. 42

33

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by F. E. Brooks Time 9:10 - 9:25 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0321.02
From BM 29-7 To BM 17040 70
Date 15 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
	6.428		.035		#19	3.813		.035		BM 29-7
	6.393		.036			3.778		.035		La Cienega Blvd 1st P.I.
1	6.357		.071			3.743		.070		S. of Slauson Ave
	19.178	6.393		.071	62°	11.334	3.778		.070	F.B. 1351 - 182
	90.018		.043			0.666		.044		Summation of Run ↑ Rodriguez
	9.975		.142			0.622		.044		From B.M. 29-7
2	9.933		.085			0.578		.088		To B.M. 17040 70
	29.926	9.975		.156		1.866	0.622		.150	
	9.133		.035			4.938		.035		Total Backsights = + 41.950
	9.098		.035			4.903		.036		Total Foresights = − 16.610
3	9.063		.070			4.867		.071		Diff. Elev. = + 25.340 ✓
	27.294	9.098		.226		14.708	4.903		.229	
	10.407		.185			1.334		.185		BM 17040 70
	10.222		.184			1.149		.185		Slauson Ave and La Cienega
4	10.038		.369			0.964		.370		Blvd.
	30.667	10.222		.595		3.447	1.149		.599	
	6.349		.087			6.249		.091		
	6.262		.087			6.158		.090		Backsight stadia = .769
5	6.175		.174			6.068		.181		Foresight Stadia = .780
	18.786	6.262		.769		18.475	6.158		.780	Total Stadia = 1.549
		41.952					16.610			= .10mi

F.B. 2852 P.G.

76P526-CE 379—10-57

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party L.A. [illegible] Weather overcast Inst. No. 15066
Notes by Esquer Time 1:40-2:00 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 29-7 To BM 17 05 300
Date 5-15-61
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	5584		187		#19	2555		187		BM 29-7
	5397		189			2368		185		La Cienega Blvd. at P.I.
	5208		376			2183		372		S. of Slauson Ave.
	16189	5396		376	70°	7106	2369		372	See F.B. 1351-182
2	6833		184			3107		182		
	6649		184			2925		182		⊼ R.R. Rodriguez
	6465		368			2743		364		
	19947	6649		744		8775	2925		736	Summation of Run
3	6749		184			3358		188		From B.M. 29-7
	6565		182			3170		185		To B.M. 17 05 300
	6383		366			2985		373		Total Backsights = + 28.630
	19697	6566		1110		9513	3171		1109	Total Foresights = − 20.957
4	5468		184			6491		184		Diff. Elev. = + 7.673 ✓
	5284		182			6307		184		Backsight stadia = 1.532
	5102		366			6123		368		Foresight Stadia = 1.531
	15854	5285		1476		18921	6307		1477	Total Stadia = 3.063
5	4762		029			6212		028		= .19 mi
	4733		027			6184		026		BM 17-05 300
	4706		056			6158		054		La Cienega Blvd. in front
	14201	4734		1532		18554	6185		1531	of House #6013
		28.630 ✓					20.957 ✓			

F.B. 2852 P.G. 45

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather overcast Inst. No 15066
Notes by Esquer Time 10:15-10:30 Rod No. 19120

L.A. Co. Precise Level Net
Name
Job No. 0301.20
From BM 1705300 To BM 29-7
Date 5-16-61
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	6226		028		#19	4775		027		BM 1705300
	6198		026			4748		027		La Cienega Blvd. in front
	6172		054			4721		054		of House # 6013
	18596	6199		054	62°	14244	4748		054	
2	6579		185			5559		188		T Rodriguez
	6394		184			5371		184		
	6210		369			5187		372		Summation of Run
	19183	6394		423		16117	5372		426	From B.M. 1705300
3	3363		184			6759		186		To B.M. 29-7
	3179		186			6573		184		
	2993		370			6389		370		Total Backsights = + 21.129
	9535	3178		793		19721	6574		796	Total Foresights = − 28.805 ✓
4	3178		186			6902		183		Diff. Elev. = − 7.676
	2992		183			6719		184		
	2809		369			6535		367		Backsight stadia = 1529
	8979	2993		1162		20156	6719		1163	Foresight Stadia = 1538
										Total Stadia = 3.067
										= 0.19 mi
5	2549		184			5579		187		BM 29-7
	2365		183			5392		188		La Cienega Blvd. at P.I.
	2182		367			5204		375		S. of Slauson Ave.
	7096	2365		1529		16175	5392		1538	See F.B. 1351-182
		21.129					28,805			

F.B. 2852 PG. 46

76P526-CE 379—10-57

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700 Los Angeles County Engineering Bldg.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather overcast Inst. No. 15066
Notes by Esquer Time 2100 - 2105 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 1705300 To BM 1705291
Date 5-15-61
Indexed B. E. Orr

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	3103		186		#19	9562		185		BM 1705300
	2917		185			9377		184		La Cienega Blvd. in front
	2732		371			9193		369		of House #6013
	8752	2917		371	70°	28132	9377		369	
2	1735		126			9429		122		π P.P. Rodriguez
	1609		123			9307		125		
	1486		249			9182		247		Summation of Run
	4830	1610		620		27918	9306		616	From B.M. 1705300
3	1285		117			8121		118		To B.M. 1705291
	1168		119			8003		115		Total Backsights = + 9.422
	1049		236			7888		233		Total Foresights = - 33.460
	3502	1167		856		24012	8004		849	Diff. Elev. = - 24.038
4	1809		081			6853		080		BM 17-05291
	1728		080			6773		080		La. Cienega Blvd. & 64 St.
	1648		161			6693		160		on W. curb W. service Rd.
	5185	1728		1017		20319	6773		1009	F.B. 2852 P.G. 44
										Backsight stadia = 1.019
										Foresight Stadia = 1.009
										Total Stadia = 2.026
										.13 m.
		9.422					33.460			

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 1705291 To BM 1705300
Date 5-16-61
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	6880		081		#19	1838		084		BM 1705291
	6799		081			1754		082		La Cienega Blvd and
	6718		162			1672		166		64th St.
	20397	6799		162	62°	5264	1755		166	T LeGouh
2	8152		116			1317		118		Summation of Run
	8036		116			1199		118		From B.M. 1705291
	7920		232			1081		236		To B.M. 1705300
	24108	8036		394		3597	1199		402	
3	9317		126			1621		125		Total Backsights = + 33.357
	9191		125			1496		125		Total Foresights = − 7.319
	9066		251			1371		250		Diff. Elev. = + 26.038 ✓
	27574	9191		645		4488	1496		652	
4	9516		186			3054		185		BM 1705300
	9330		182			2869		186		La Cienega Blvd in front
	9148		368			2683		371		of house # 6013
	27994	9331		1013		8606	2869		1023	
										Backsight stadia = 1.013
										Foresight Stadia = 1.023
										Total Stadia = 2.036
										= 0.13 mi
		33.357					7.319			

F.B. 2052 P.G. 38

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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 2:05 - 2:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0311.02
From BM 1705291 To BM 1705270
Date 15 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
	1.628		.186		#19	6.235		.186		BM 1705291
	1.442		.190			6.049		.184		La Cienega Blvd and
1	1.252		.376			5.865		.370		64th St.
	4.322	1.441		.376	70°	18.149	6.050		370	
	4.042		.189			4.568		.186		A. Rodriguez
	3.853		185			4.372		.185		
2	3.668		.374			4.187		.371		Summation of Run
	11.563	3.854		.750		13.117	4.372		.741	From B.M. 1705291
	6.984		.183			3.295		.184		To B.M. 1705270
	6.801		.186			3.111		.186		
3	6.615		.369			2.925		.370		Total Backsights = + 23.196
	20.400	6.800		1.119		9.331	3.110		1.111	Total Foresights = − 27.280
	6.688		.183			4.439		.184		Diff. Elev. = − 4.084
	6.505		.183			4.255		.186		
4	6.322		.366			4.069		.370		Backsight stadia = 1.909
	19.515	6.505		1.485		12.763	4.254		1.481	Foresight Stadia = 1.908
	4.808		.213			9.708		.215		Total Stadia = 3.817
	4.595		.211			9.493		.212		= .24 mi
5	4.384		.424			9.281		.427		BM 1705270
	13.787	4.596		1.909		28.483	9.494		1.906	La Cienega Blvd and
		23.196					27.280			La Tijera Blvd.

F.B. 2852 P.G. 29

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15466
Notes by Esquer Time 9:50 - 10:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 17 05270 To BM 17 05291
Date 5-16-61
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
	9565		214		#19	4669		213		BM 17 05270
	9351		211			4456		214		La Cienega Blvd and
1	9140		425			4242		427		La Tijera Blvd
	28056	9352		425	62°	13367	4456		427	
	4423		184			6673		184		T LeGoff
	4239		183			6489		185		Summation of Run
2	4056		369			6304		369		From B.M. 17-05270
	12718	4239		792		19466	6489		796	To B.M. 17-05291
	3314		184			7001		183		
	3130		185			6818		186		Total Backsights = + 26.868
3	2945		369			6632		369		Total Foresights = − 22.783
	9389	3130		1161		20451	6817		1165	Diff. Elev. = + 4.085 ✓
	4410		183			3897		186		
	4227		186			3711		188		Backsight stadia = 1.899
4	4041		369			3523		374		Foresight Stadia = 1.916
	12678	4226		1530		11131	3710		1539	Total Stadia = 3.815
	6106		185			1500		190		= 0.24 mi
	5921		184			1310		187		BM 17 05291
5	5737		369			1123		377		La Cienega Blvd and
	17764	5921		1899		3933	1311		1916	64th St.
		26.868 ✓					22.783			

F.B. 2852 P.G. 50

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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 2:25 - 2:35 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 17 05270 To BM 29-8
Date 15 May 1961
Indexed H. E. DTY

Number of Station	BACKSIGHT Thread 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	2.711		.183		#19	8.219		.184		BM 17 05270
	2.528		.181			8.035		.183		La Cienega Blvd and
	2.347		.364			7.852		.367		La Tijera Blvd.
	7.586	2.529		.364	70°	24.106	8.035		.367	
2	1.782		.220			8.105		.216		BM 29-8
	1.562		.220			8.889		.218		La Cienega Blvd and
	1.342		.440			8.671		.434		Centinela Ave
	4.686	1.562		.804		26.665	8.888		.801	See F.B. 1351-183
										T Rodriguez
										Summation of Run From B.M. 17 05270 To B.M. 29-8
										Total Backsights = + 4.091 Total Foresights = −16.923 Diff. Elev. = −12.832 ✓
										Backsight stadia = 804 Foresight Stadia = 801 Total Stadia = 1.605 = .10m
		4.091					16.923			

F.B. 3952 P.G. 57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by Esquer Time 9:45 - 9:50 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 29-8 To BM 17052 70
Date 5-16-61
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	9172		214		#19	1845		220		BM 29-8
	8958		216			1625		217		La Cienega Blvd and
	8742		430			1408		437		Centinela Ave
	26872	8957		430	62°	4878	1626		437	See F.B. 1351-183
2	8273		184			2768		184		BM 17 05270
	8089		182			2584		182		La Cienega Blvd and
	7907		366			2402		366		La Tijera Blvd.
	24269	8090		796		7754	2585		803	
										↑ Rodriguez
										Summation of Run
										From B.M. 29-8
										To B.M. 17-05270
										Total Backsights = + 17.047
										Total Foresights = − 4.211
										Diff. Elev. = + 12.836 ✓
										Backsight stadia = 0.796
										Foresight Stadia = 0.803
										Total Stadia = 1.599
										0.10 mi
		17.047					4.211			

F.B. 2852 P.G. 62

AV

76P526-CE 379--10-57

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Chief of Party F. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by Esquer Time 2:35-3:25 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 29-8 To BM 28-11
Date 5-5-61
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	4588		181		#19	6775		186		BM 29-8
	4407		182			6589		185		La Cienega Blvd &
	4225		363			6404		371		Centinela Ave. at E intersection
	13220	4407		363	70°	19768	6589		371	See F.B. 1351-182
2	3768		186			6822		187		
	3582		187			6635		186		T.R.R. Rodriguez
	3395		373			6449		373		
	10745	3582		736		19906	6635		744	
3	2070		182			10892		185		
	1888		186			10707		185		
	1702		368			10522		370		
	5660	1887		1104		32121	10707		1114	
4	1049		110			9125		113		
	0939		111			9012		110		
	0828		221			8902		223		
	2816	0939		1325		27039	9013		1337	
5	1022		120			7395		118		
	0902		120			7277		118		
	0782		240			7159		236		
	2706	0902		1565		21831	7277		1573	
		11.717 ✓					40,221 ✓			

F.B. 2852 P.G. 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 2:35 - 3:25 Rod No. 19 & 20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 29-8 To BM 28-11
Date 5-15-61
Indexed H. E Ott

F.B. 2852 P.G. 64

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	4288	11.717	186	1565		1667	40.221	185	1573	
	4102		184			1482		187		
	3918		370			1295		372		
	12308	4103		1937		4444	1481		1945	
7	8492		119			2121		118		
	8373		118			2003		118		
	8255		237			1885		236		
	25120	8373		2174		6009	2003		2181	
8	6118		190			8769		184		
	5928		186			8585		183		
	5742		376			8402		367		
	17788	5929		2550		25756	8585		2548	
9	1162		107			8741		109		
	1055		107			8632		107		
	0948		214			8525		216		
	3165	1055		2764		25898	8633		2764	
10	1091		126			8668		126		
	0965		124			8542		128		
	0841		250			8414		254		
	2897	0966		3014		25624	8541		3018	
		32143					69464			

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 2:35-3:25 Rod No. 19920

Name L.A. Co. Precise Level Net
Job No. 0301.22
From BM 29-8 To BM 28-11
Date 5-15-64
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	1513	32.143	125	3014		8331	69.464	124	3018	
	1388		129			8207		126		
	1259		254			8081		250		
	4160	1387		3268		24619	8206		3268	
12	2129		184			5389		184		
	1945		183			5205		183		
	1762		367			5022		367		
	5836	1945		3635		15616	5205		3635	
13	6849		147			1241		149		
	6702		150			1092		145		
	6552		297			0947		294		
	20103	6701		3932		3280	1093		3929	
14	8815		122			1515		114		
	8693		120			1401		118		
	8573		242			1283		232		
	26081	8694		4174		4199	1400		4161	
15	6548		187			9663		185		
	6361		186			9478		189		
	6175		373			9289		374		
	19084	6361	✓	4547		28430	9477	✓	4535	
		57.231					94.845			

F.B. 2552 P.G. 45

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Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by Esquer Time 2:35 - 3:25 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 29-8 To BM 28-11
Date 5-15-61
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
	0794	57.231	115	4547		10023	94.845	115	4535	
16	0679		111			9908		116		
	0568		226			9792		231		
	2041	0680		4773		29723	9908		4766	
	3041		088			5008		086		BM 28-11
17	2953		085			4922		085		La Cienega Blvd. at P.E. Ry.
	2868		173			4837		171		Crossing on E of Freeman Blvd.
	8862	2954		4946		14767	4922		4937	SEE F.B. 1351-14
										Summation of Run
										From B.M. 29-8
										To B.M. 28-11
										Total Backsights = + 60.865
										Total Foresights = −109.675
										Diff. Elev. = − 48.810 ✓
										Backsight stadia = 4.946
										Foresight Stadia = 4.922
										Total Stadia = 9.868
										= 0.63 mi
		60.865 ✓					109.675 ✓			

F.B. 2852 P.G. 56

76P526-CE 379—10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks — Weather Overcast — Inst. No. 15066
Notes by F. E. Brooks — Time 8:45 - 9:35 — Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 28-11 To BM 29-8
Date 16 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
	6.072		.084		#19	3.107		.086		BM 28-11
	4.988		.085			3.021		.089		La Cienega Blvd at
1	4.903		.169			2.932		.175		P.E. Tracks
	14.963	4.988		.169	62°	9.060	3.020		.175	See F.B. 1351-14
	9.982		.113			0.753		.114		T Rodriguez
	9.869		.116			0.639		.116		
2	9.754		.228			0.523		.230		
	29.605	9.868		.397		1.915	0.638		.405	
	9.702		.183			6.589		.186		
	9.519		.187			6.403		.186		
3	9.332		.370			6.217		.372		
	28.553	9.518		.767		19.209	6.403		.777	
	1.511		.116			8.809		.120		
	1.395		.116			8.689		.120		
4	1.279		.232			8.569		.240		
	4.185	1.395		.999		26.067	8.689		1017	
	1.208		.150			6.812		.144		
	1.058		.150			6.668		.146		
5	0.908		.300			6.522		.290		
	3.174	1.058		1.299		20.002	6.667		1.307	
		26.827					25.417			

F.B. 3852 P.G. 57

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by F. E. Brooks Time 8:45 - 9:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 28-11 To BM 29-B
Date 16 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	5.369	26.827	.186	1.299		2.109	25.417	.187	1.307	
	5.183		.185			1.922		.187		
	4.998		.371			1.735		.374		
	15.550	5.183		1.670		5.766	1.922		1.681	
7	8.327		.128			1.503		.124		
	8.199		.130			1.379		.127		
	8.069		.258			1.252		.251		
	24.595	8.198		1928		4.134	1.378		1.932	
8	8.599		.128			0.022		.127		
	8.471		.125			0.895		.126		
	8.346		.253			0.769		.253		
	25.416	8.472		2.181		2.686	0.895		2.185	
9	8.772		.107			1.197		.109		
	8.665		.106			1.088		.107		
	8.558		.213			0.981		.216		
	25.995	8.665		2.394		3.266	1.089		2.401	
10	8.762		.184			6.097		.189		
	8.578		.186			5.908		.185		
	8.392		.370			5.723		.374		
	25.732	8.577		2.764		17.728	5.909		2.775	
		65.912					36.610			

F.B. 2852 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 Overcast — Inst. No. 15066
Notes by E. E. Brooks — Time 8:45 - 9:35 — Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 28-11 To BM 29-8
Date 16 April 1961
Indexed N. 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
11	2.162	66.912	.119	2.764		8.535	36.610	.118	2.775	
	2.043		.119			8.417		.119		
	1.924		.238			8.298		.237		
	6.129	2.043		3.002		25.250	8.417		3.012	
12	1.568		.188			4.185		.183		
	1.380		.190			4.002		.183		
	1.190		.378			3.819		.366		
	4.138	1.379		3.380		12.006	4.002		3.378	
13	7.425		.121			0.049		.117		
	7.304		.119			0.932		.114		
	7.185		.240			0.818		.231		
	21.914	7.305		3.620		2.799	0.933		3.609	
14	9.202		.113			1.123		.112		
	9.089		.111			1.011		.109		
	8.978		.224			0.902		.221		
	27.269	9.090		3.844		3.036	1.012		3.830	
15	10.832		.183			2.015		.187		
	10.649		.182			1.828		.185		
	10.467		.365			1.643		.372		
	31.948	10.649		4.209		5.486	1.829		4.202	
		96.378					52.803			

F.B. 2502 P.G. 69

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by F. E. Brooks Time 8:45 - 9:35 Rod No. 19-20

LA. Co. Precise Level Net
Name
Job No. 0301.02
From BM 28-11 To BM 29-8
Date 16 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
16	6.803	96.378	.186	4.209		3.749	62.803	.186	4.202	
	6.617		.188			3.563		.184		
	6.429		.374			3.379		.370		
	19.849	6.616		4.583		10.691	3.564		4.572	
17	6.799		.187			4.615		.185		BM 29-8
	6.612		.183			4.430		.181		La Cienega Blvd and
	6.429		.370			4.249		.366		Cantinela Ave.
	19.840	6.613		4.953		13.294	4.431		4.938	See F.B. 1351-183

Summation of Run
From B.M. 28-11
To B.M. 29-8

Total Backsights = + 109.607
Total Foresights = − 60.798
Diff. Elev. = +48.809 ✓

Backsight stadia = 4.953
Foresight Stadia = 4.938
Total Stadia = 9.891
= .63 mi.

F.B. 2252 P.G. 66

109.607 ✓ 60.798 ✓

Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F.B. 2852 Pg. 61
Map No.	JN 0301.02 Type Std. °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date May 61	
Date	Indexed H. E. Ott JUN 1 2 61	

J.N. 0301.02

L.A.CO. PRECISE LEVEL NET

Auxilary line No. 1

BALDWIN HILLS SUBSIDENCE STUDY

Route

S. on Victoria Ave. from Stocker St. to Angeles Vista Blvd. Then SW on Angeles Vista Blvd. to Slauson Ave. Then W. on Slauson Ave, to Sepulveda Blvd. Then S. on Sepulveda Blvd. to Centinela Ave.

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

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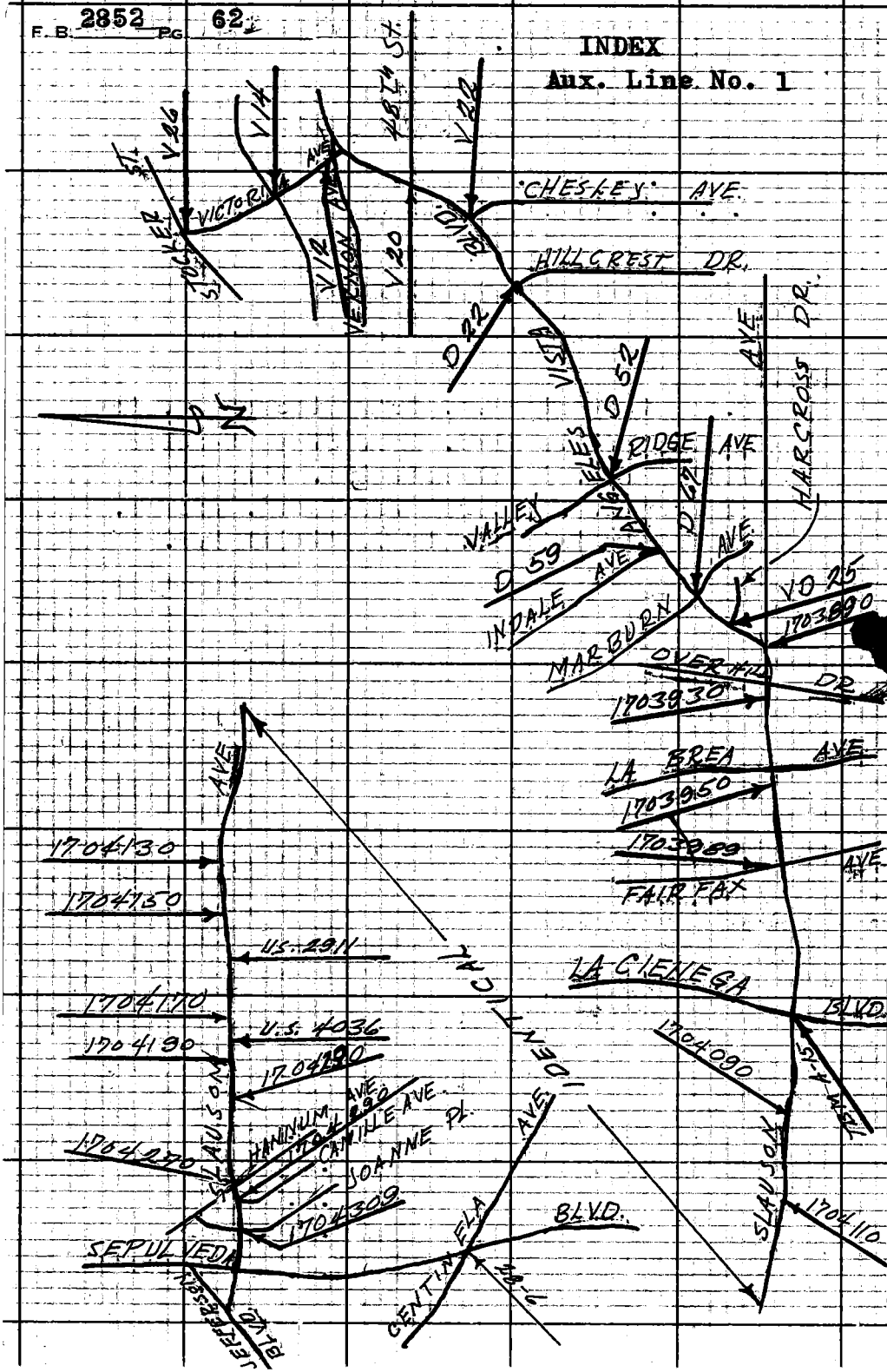
700 LOS ANGELES COUNTY ENGINEERING BLDG.
76F309S S&E #247 11-58

F. B. 2852 PG. 62

INDEX

Aux. Line No. 1



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700 LOS ANGELES COUNTY ENGINEERING BLDG.
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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 Page Std °F
Surveyed by F. E. Brooks
Notes F. E. Brooks Date May 61
Indexed ~~U. S. ON~~

F. B. 2852 Pg. 63

Aux. Line No. 1 B.M. numbers

V 26
V 14
V 12
V 20
V 22
D 22
D 52
D 59
D 67
VD 25
17 03890
17 03930
17 03950
17 03989
TBM A 15 also 17 05310 and PBM 258
17 04090
17 04110
17 04130
17 04150
USBM 2911
17 04170
USBM 4036
17 04190 also PBM 347
17 04230
17 04270
17 04290
17 04309
28-6

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76F3095 S&E #247 11-58

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F. B. 2852 Pg. 64

769420 S & E-353 4-54

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Do not extend notes this side of this line

NOTES RED ● JOB NO 0301.02 SURVEY OF LA. Co. Precise Level Net
DATE SURVEY BY F. E. Brooks
NOTES CHKD L. J. GALL NOTES BY ESQUER DATE 12 May 1961
DATE 6-12-61 INDEXED H. E. GM DATE

F. B. 2852 Pg. 65

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM V 26	141.236					BM V 26 Elev.
+	5.111					Victoria Ave & Stocker St. S.W. Cor
π	146.347					F.B. 786-186
−	5.734					
TP #1	140.613					elev. per field Calculation un-
+	3.237					adjusted, Precise Level Net
π	143.850					Line #54
−	6710					
TP #2	137.140					
+	4.862					
π	142.002					
−	5.309					
T.P. #3	136.693					
+	4.615					
π	141.308					
−	5.115					
T.P. #4	136.193					
+	4.551					
π	140.744					
−	5.092					
BM V 14	135.652					BM V 14
+	7.256					Victoria Ave and Homeland Dr.
π	142.908					F.B. 745-10
−	2.238					
T.P. #5	140.670					
+	7.081					
π	147.751					
−	3.961					
T.P #6	143.790					

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO 030.02 SURVEY OF L.A. Co. Precise Level Net NOTES RED
SURVEY BY F.E. Brooks DATE
NOTES BY Fequier DATE 5-16-61 NOTES CHKD C. J. GAL
INDEXED H. E. Ott DATE DATE 6-12-61

F.B. 2852 PG. 66

2

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #6	143.790					
+	5.711					
⊼	149.501					
−	2.177					
BM V-12	147.324					BM V-12
+	6.752					Victoria Ave & Vernon Ave.
⊼	154.076					F.B. 745-10
−	1.041					
T.P. #7	153.035					
+	9.756					
⊼	162.791					
−	0.237					
T.P. #8	162.554					
+	8.970					
⊼	171.524					
−	0.298					
T.P. #9	171.226					
+	9.731					
⊼	180.957					
−	0.421					
T.P. #10	180.536					
+	9.878					
⊼	190.414					
−	0.813					
T.P. #11	189.601					
+	9.360					
⊼	198.961					
−	0.528					
T.P. #12	198.433					

76S420 S & E-353 4-54

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NOTES RED _____ JOB NO. 030102 SURVEY OF L.A. Co. Precise Level Net
DATE _____ SURVEY BY E. E. Brooks
NOTES CHKD G. J. GALLNOTES BY [illegible] DATE 5-16-61
DATE 6-12-61 INDEXED _____ DATE _____

F. B. 2852 PG. 67

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T. P. #12	198.433					
+	9.687					
=	208.120					
−	0.267					
T. P. #13	207.853					
+	6.674					
=	214.527					
−	4.120					
BM V-20	210.407					BM V-20
+	10.151					Angeles Vista Blvd. & 48 St.
=	220.558					F.B. 745-12
−	0.231					
T. P. #14	220.327					
+	10.199					
=	230.526					
−	1.024					
T. P. #15	229.502					
+	10.113					
=	239.615					
−	1.178					
T. P. #16	238.437					
+	5.213					
=	243.650					
−	4.886					
BM V-22	238.764					B.M V-22
+	7.899					Angeles Vista Blvd. & Chesley Ave
=	246.663					F.B. 745-13
−	0.342					
T. P. #17	246.321					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P #17	246.321					
+	11.703					
π	258.024					
−	2.156					
T.P. #18	255.868					
+	8.321					
π	264.189					
−	2.212					
T.P. #19	261.977					
+	8.153					
π	270.130					
−	3.568					
BMD-22	266.562					BM D-22
+	7.313					Angeles Vista & Hillcrest Dr.
π	273.875					F.B. 539-6
−	5.353					
T.P. #20	268.522					
+	3.357					
π	271.879					
−	5.682					
T.P. #21	266.197					
+	5.772					
π	271.969					
−	5.459					
T.P. #22	266.510					
+	4.893					
π	271.403					
−	3.462					
T.P. #23	267.941					

F.B. 2852 PG. 68

JOB NO. 030102 SURVEY OF L.A. Co. Precise Level Net NOTES RED
SURVEY BY E.E. Brooks DATE
NOTES BY Esquer DATE 5-16-61 NOTES CHKD C. J. GAL
INDEXED H.E. OTT DATE 6-12-61

765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED _____ JOB NO. 23002 SURVEY OF LA. Co. Precise Level Net
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD. G. J. GALLI NOTES BY ESQUER DATE 5-16-61
DATE 6-12-61 INDEXED H. E. ON DATE

F. B. 2852 PG. 69

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #23	267.941					
+	7.443					
π	275.384					
−	2.647					
T.P. #24	272.737					
+	6.938					
π	279.675					
−	4.280					
T.P. #25	275.395					
+	5.933					
π	281.328					
−	3.451					
T.P. #26	277.877					
+	7.026					
π	284.903					
−	3.701					
T.P. #27	281.202					
+	7.040					
π	288.242					
−	2.091					
T.P. #28	286.151					
+	5.869					
π	292.020					
−	8.591					
T.P. #29	283.429					
+	1.720					
π	285.149					
−	8.587					
T.P. #30	276.562					

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T. P. #30	276.562					
+	0.274					
⊼	276.836					
−	8.743					
T.P. #31	268.093					
+	4.338					
⊼	272.431					
−	5.514					
BM D-52	266.917					BM D-52
+	4.361					Angeles Vista Blvd. & Valley Ridge Ave
⊼	271.278					F.B. 1179-86
−	3.490					
T. P. #32	267.788					
+	7.400					
⊼	275.188					
−	2.913					
T. P. #33	272.275					
+	7.020					
⊼	279.295					
−	4.077					
T.P. #34	275.218					
+	5.919					
⊼	281.137					
−	5.233					
T. P. #35	275.904					
+	5.173					
⊼	281.077					
−	5.217					
BM D-59	275.860					BM D-59
						Angeles Vista Blvd. & Indale Ave.
						F.B. 786-241

LA Co. Precise Level Net

JOB NO. 0301.02 SURVEY OF
SURVEY BY F. E. Brooks
NOTES BY Esquier DATE 5-17-16
INDEXED H. E. Ott DATE
NOTES RED
DATE
NOTES CHKD. C. J. Gal
DATE 6-12-41

F. B. 2852 PG. 70

76S420 S & E-353 4-54

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NOTES RED _____ JOB NO. 23002 SURVEY OF L.A. Co. Precise Level Net
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD G. J. GALLI NOTES BY ESQUER DATE 5-17-16
DATE 6-12-61 INDEXED M. E. OTT DATE _____

F.B. 2852 PG. 71

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM D-59	275.860					BM D-59
+	4.823					Angeles Vista Blvd. & Indale Ave.
π	280.683					F.B. 786-241
−	4.184					
T.P. #36	276.499					
+	5.403					
π	281.902					
−	4.431					
T.P. #37	277.471					
+	5.339					
π	282.810					
−	4.147					
BM D-67	278.663					BM D-67
+	4.411					Angeles Vista Blvd. &
π	283.074					Marburn Ave.
−	4.691					F.B. 786-248
T.P. #38	278.383					
+	5.599					
π	283.982					
−	4.711					
T.P. #39	279.271					
+	5.342					
π	284.613					
−	4.840					
T.P. #40	279.773					
+	5.892					
π	285.665					
−	4.784					
BM VD25	280.881					BM VD-25
						Angeles Vista Blvd & Harcross Dr.

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BMVD-25	280.881					BM VD-25
+	5.400					Angeles Vista Blvd. & Harcross Dr.
⊼	286.281					F.B. 1158-59
−	2.482					
T.P. #41	283.799					
+	9.081					
⊼	292.880					
−	0.799					
T.P. #42	292.081					
+	9.447					
⊼	301.528					
−	1.656					
T.P. #43	299.872					
+	9.217					
⊼	309.089					
−	2.192					
T.P. #44	306.897					
+	10.269					
⊼	317.166					
−	5.031					
T.P. #45	312.135					
+	5.901					
⊼	318036					
−	5.827					
BM1703890	312.209					BM 1703890
+	9.315					Buckler Ave. & Slauson Ave.
⊼	321.524					L.A. City B.M.
−	2.323					
T.P #46	319.201					

L.A. Co. Precise Level Net

JOB NO. 030102 SURVEY OF E. E. Brooks
SURVEY BY E. Squier DATE 5-17-61
NOTES BY E. Squier DATE 5-17-61
INDEXED B.E. Ott DATE
NOTES RED. DATE
NOTES CHKD C. J. GAL DATE 6-12-61

F.B. 2862 PG. 72

8

769420 S & E-353 4-54

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #46	319.201					
+	5.649					
=	324.850					
−	5.870					
T.P. #47	318.980					
+	2.218					
=	321.198					
−	5.787					
T.P. #48	315.411					
+	1.658					
=	317.069					
−	8.760					
BM17-03930	308.309					BM 17-03930
+	1.269					Slauson Ave & Overhill Dr.
=	309.578					1st P.I. W. of intersection.
−	10.299					L.A. City B.M.
T.P. #49	299.279					
+	0.932					
=	300.211					
−	9.123					
T.P. #50	291.088					
+	0.760					
=	291.848					
−	9.877					
T.P. #51	281.971					
+	0.267					
=	282.238					
−	8.680					
T.P. #52	273.558					

NOTES RED _____ JOB NO. 03902 SURVEY OF L.A.Co. Precise Level Net
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD E. J. GALLINOTES BY ESQUER DATE 5-17-61
DATE 6-12-61 INDEXED H. E. ON DATE

F. B. 1852 PG. 73

9

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #52	273.558					
+	0.405					
⊼	273.963					
−	9.050					
T.P. #53	264.913					
+	1.213					
⊼	266.126					
−	9.346					
T.P. #54	256.780					
+	0.731					
⊼	257.511					
−	10.348					
T.P. #55	247.163					
+	2.022					
⊼	249.185					
−	7.319					
T.P. #56	241.866					
+	2.561					
⊼	244.427					
−	6.176					
T.P. #57	238.251					
+	4.069					
⊼	242.320					
−	6.257					
BM17-03950	236.063					BM 17-03950
+	1.612					Slauson Ave & La Brea
⊼	237.675					L.A. City B.M.
−	9.040					
T.P. #58	228.635					

JOB NO. 03 01.02 SURVEY OF L.A. Co. Precise Level Net NOTES RED
SURVEY BY E. E. Brooks DATE
NOTES BY E. Sauer DATE 5-17-61 NOTES CHKD C. J. GAL
INDEXED H. E. Ott DATE 6-17-61

F. B. 2853 PG. 74

10

769420 S & E-353 4-54

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED _____ JOB NO. 03402 SURVEY OF L.A. Co. Precise Level Net
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD G. J. GALLI NOTES BY E. SQUIER DATE 5-17-61
DATE 6-12-61 INDEXED H. E. OTT DATE

F. B. 2852 PG. 75

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #58	228.635					
+	1.713					
π	230.348					
−	5.683					
T.P. #59	224.665					
+	8.832					
π	233.497					
−	0.302					
T.P. #60	233.195					
+	8.680					
π	241.875					
−	1.787					
T.P. #61	240.088					
+	9.039					
π	249.127					
−	1.485					
T.P. #62	247.642					
+	8.852					
π	256.494					
−	1.466					
T.P. #63	255.028					
+	8.161					
π	263.189					
−	3.285					
T.P. #64	259.904					
+	5.740					
π	265.644					
−	3.181					
BM 17-03989	262.463 ✓					BM 17-03989 Slauson Ave & Fairfax N.E. of intersection

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO 03002 SURVEY OF LA Co. Precise Level Net NOTES RED
SURVEY BY F. E. Brooks DATE
NOTES BY ESQUER DATE 5-17-61 NOTES CHKD G. J. GAL
INDEXED H. E. ON DATE DATE (6-12-61)

F. B. 2852 PG. 76
12

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 17-03989	262.463					BM 17-03989 Slauson Ave & Fairfax N.E of intersection L.A. City B.M.
+	2.239					
Π	264.702					
−	7.056					
T.P. #65	257.646					
+	3.630					
Π	261.276					
−	5.829					
T.P. #66	255.447					
+	3.078					
Π	258525					
−	6.931					
T.P. #67	251.594					
+	2.721					
Π	254.315					
−	6.601					
T.P. #68	247.714					
+	2.638					
Π	250.352					
−	6.680					
T.P. #69	243.672					
+	2.805					
Π	246.477					
−	8.611					
T.P. #70	237.866					
+	0.192					
Π	238.058					
−	11.272					
T.P. #71	226.786					

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #71	226.786					
+	0.273					
⊼	227.059					
−	11.099					
T.P. #72	215.960					
+	0.243					
⊼	216.203					
−	10.297					
T.P. #73	205.906					
+	1.184					
⊼	207.090					
−	9.392					
T.P. #74	197.698					
+	0.379					
⊼	198.077					
−	8.957					
T.P. #75	189.120					
+	4.413					
⊼	193.533					
−	5.971					
TBM A-15	187.562		Elev. = 187.563 by differences on Line 29			TBM A-15 Slauson Ave & La Cienega Blvd. F.B. 1351-182
TBM A-15	187.563					TBM A-15 Slauson Ave & La Cienega Blvd. F.B. 1351-182
+	3.869					
⊼	191.432					
−	3.818					
T.P. #76	187.614					

NOTES RED ____ JOB NO. 0301.02 SURVEY OF LA. Co. Precise Level Net
DATE ____ SURVEY BY F. E. Brooks
NOTES CHKD. C. J. GALLI NOTES BY E. Squier DATE 5-17-61
DATE 6-12-61 INDEXED H. E. OTT DATE ____

F.B. 2852 PG. 77

13

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

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JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net NOTES RED
SURVEY BY F. E. Brooks DATE
NOTES BY ESQUER DATE 5-18-61 NOTES CHKD C. J. GA
INDEXED H. E. OH DATE 6-12-61

F. B. 2852 PG. 78

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #76	187.614					
+	5.939					
=	193.553					
−	3.709					
T.P. #77	189.844					
+	5.008					
=	194.852					
−	3.815					
BM 17-04090	191.037 ✓					BM 17-04090
+	4.319					Slauson Ave & Corning Ave.
=	195.356					L.A. City B.M.
−	5.676					
T.P. #78	189.680					
+	4.119					
=	193.799					
−	6.825					
T.P. #79	186.974					
+	3.634					
=	190.608					
−	7.456 ✓					
BM 17-04110	183.152					BM 17-04110
+	4.238					Slauson Ave. — 162' E. of Shelborne Dr.
=	187.390					L.A. City B.M.
−	6.983					
T.P. #80	180.407					
+	2.828					
=	183.235					
−	6.508					
T.P. #81	176.727 ✓					

76S420 S & E-353 4-54

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NOTES RED _____ JOB NO _____ SURVEY OF L.A. Co. Precise Level Net
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD C. J. GALL NOTES BY ESQUER DATE 5-18-61
DATE 6-12-61 INDEXED E. OTT DATE

F. B. 2892 PG. 72

15

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #81	176.727					
+	2.910					
=	179637					
−	6.251					
T.P. #82	173.386					
+	3.669					
=	177.055					
−	5.619					
T.P. #83	171.436					
+	4.679					
=	176.115					
−	6.386					
BM17-04130	169.729					BM 17-04130
+	4.391					S/Sauson Ave. - 0.17 mi W. of
=	174.120					Shelborne Dr.
−	6.829					L.A. City B.M.
T.P. #84	167.291					
+	1.739					
=	169.030					
−	7.518					
T.P. #85	161.512					
+	3.410					
=	164.922					
−	7.488					
T.P. #86	157.434					
+	3.445					
=	160.879					
−	8.195					
BM.1704150	152.684					B.M. 17-04150
						S/Sauson Ave. - 0.38 mi W. of Shelborne Dr.

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JOB NO. _____ SURVEY OF LA. Co. Precise Level Net NOTES RED _____
SURVEY BY F. E. Brooks DATE _____
NOTES BY E. Squier DATE 5-18-61 NOTES CHKD C. J. GAL
INDEXED H. E. OTT DATE 6-12-61

F. B. 2852 PG. 80

16

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 1704150	152.684					BM 17-04150
+	2.750					Slauson Ave - 0.38 mi W. of
π	155.434					Shelborne Dr.
−	8.143					L.A. City B.M.
T.P. #87	147.291					
+	2.804					
π	150.095					
−	6.163					
BM US 2911	143.932					BM US 2911
+	1.565					Slauson Ave. 0.2 mi E. of
π	145.497					Fox Hills Country Club
−	7.162					
T.P. #88	138.335					
+	3.031					
π	141.366					
−	9.769					
BM 1704170	131.597					BM 1704170
+	0.933					Slauson Ave - 500' E. of
π	132.530					Holy Cross Cemetry
−	10.351					L.A. City B.M.
T.P. #89	122.179					
+	0.838					
π	123.017					
−	8.870					
T.P. #90	114.147					
+	1.510					
π	115.657					
−	8.702					
BM US 4036	106.955					BM US 4036
						Slauson Ave. 0.5 mi E. of Sepulveda Blvd.

768420 S & E-353 4-54

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NOTES RED _____ JOB NO. _____ SURVEY OF L.A. Co. Precise Level Net
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD G. J. GALLNOTES BY ESQUER DATE 5-18-61
DATE 6-12-61 INDEXED H. E. OTT DATE

F. B. 2852 PG. 84

17

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BMUS4036	106.955					BM. US. 4036
+	4.493					S/Sauson Ave. - 0.5 mi E. of Sepulveda Blvd.
π	111.448					
−	10.627					
BM1704190	100.821					BM 1704190
+	0.367					Slauson Ave & Holy Cross
π	101.188					Cemetery
−	11.191					L.A. City B.M.
T.P. #91	89.997					
+	1.541					
π	91.538					
−	9.250					
T.P. #92	82.288					
+	1.401					
π	83.689					
−	9.071					
T.P. #93	74.618					
+	3.024					
π	77.642					
−	7.006					
BM1704230	70.636					BM 1704230
+	2.188					Slauson Ave - 500' W. of
π	72.824					Holy Cross Cemetery
−	9.215					L.A. City B.M.
T.P. #94	63.609					
+	0.598					
π	64.207					
−	10.868					
T.P. #95	53.339					

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JOB NO _____ SURVEY OF LA Co. Precise Level Net NOTES RED _____
SURVEY BY F. E. Brooks DATE _____
NOTES BY ESQUER DATE 5-18-61 NOTES CHKD C. J. GAL
INDEXED H. E. QUI DATE _____ DATE (illegible)

F. B. 2852 Pg. 82

18

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T. P. #95	53.339					
+	1.999					
π	55.338					
−	8.971					
T. P. #96	46.367					
+	1.549					
π	47.916					
−	7.918					
T. P. #97	39.998					
+	2.081					
π	42.079					
−	8.247					
T. P. #98	33.832					
+	2.053					
π	35.885					
−	7.349 ✓					
BM 17-04270	28.536					BM 17-04270
+	5.582					Slauson Ave. & Hannam Ave.
π	34.118					L.A. City BM.
−	5.987 ✓					
BM 17-04290	28.131					BM 17-04290
+	4.543					Slauson Ave. & Camille Ave.
π	32.674					L.A. City B.M.
−	7.272					
T. P. #99	25.402					
+	3.380					
π	28.782					
−	4.707 ✓					
T. P. #100	24.075					

769420 S & E-353 4-54

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NOTES RED. JOB NO. SURVEY OF LA. Co. Precise Level Net
DATE SURVEY BY F. E. Brooks
NOTES CHKD G. L. GALLINOTES BY E. SQUIER DATE 5-18-61
DATE 6-12-61 INDEXED G. E. OTT DATE

F.B. 2852 PG. 83

19

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.#100	24.075					
+	4.853					
π	28.928					
−	5.678					
BM 1704309	23.250 ✓					BM 1704309
+	4.600					S/Lauson Ave. & Joanne Pl.
π	27.850					L.A. City BM.
−	5.472					
T.P. #101	22.378					
+	4.727					
π	27.105					
−	5.220					
T.P. #102	21.885					
+	4.984					
π	26.869					
−	5.291					
T.P. #103	21.578					
+	5.492					
π	27.070					
−	4.228					
T.P. #104	22.842					
+	5.870					
π	28.712					
−	5.000					
T.P. #105	23.712					
+	5.420					
π	29.132					
−	4.783					
T.P. #106	24.349 ✓					

F.B. 2852 PG. 84

JOB NO. _____ SURVEY OF L.A. Co. Precise Level Net NOTES RED _____

SURVEY BY F.E. Brooks DATE _____

NOTES BY ESQUER DATE 5-18-61 NOTES CHKD. C.J.GA

INDEXED H.E.OM DATE 6-12-61

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.#106	24.349					
+	5.731					
=	30.080					
−	3.981					
T.P. #107	26.099					
+	5.869					
=	31.968					
−	4.872					
T.P. #108	27.096					
+	5.483					
=	32.579					
−	4.991					
T.P. #109	27.588					
+	5.031					
=	32.619					
−	5.724					
T.P. #110	26.895					
+	4.866					
=	31.761					
−	4.993					
T.P. #112	26.768					
+	5.376					
=	32.144					
−	4.831					
T.P. #113	27.313					
+	5.111					
=	32.424					
−	6.097					
T.P. #114	26.327					

769420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. # 114	26.327					
+	4.969					
π	31.296					
−	4.560					
T.P # 115	26.736					
+	5.860					
π	32.596					
−	3.737 ✓					
BM28-6	28.859					BM 28-6 elev. = 28.863 per office Centinella Blvd. & Sepulveda Blvd. F.B. 1351-10

NOTES RED _____ JOB NO _____ SURVEY OF LA. Co. Precise Level Net

DATE _____ SURVEY BY F. E. Brooks

NOTES CHKD G. J. GALLI NOTES BY E. Brooks DATE 5-18-61

DATE 6-12-61 INDEXED _____ DATE _____

F. B. 2852 PG. 85

21

F. B. 2852 PG. 86

22

JOB NO. _____ SURVEY OF L.A. Co. Precise Level Net — NOTES RED. _____

SURVEY BY F. E. Brooks — DATE _____

NOTES BY Esquer — DATE 5-18-61 — NOTES CHKD. _____

INDEXED _____ — DATE _____ — DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F.B. 2852	Pg. 87
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. Off JUN 12 61		

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

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 SBE #247 11-58

J.N. 0301.02

L.A.CO. PRECISE LEVEL NET

Auxilary line No. 2

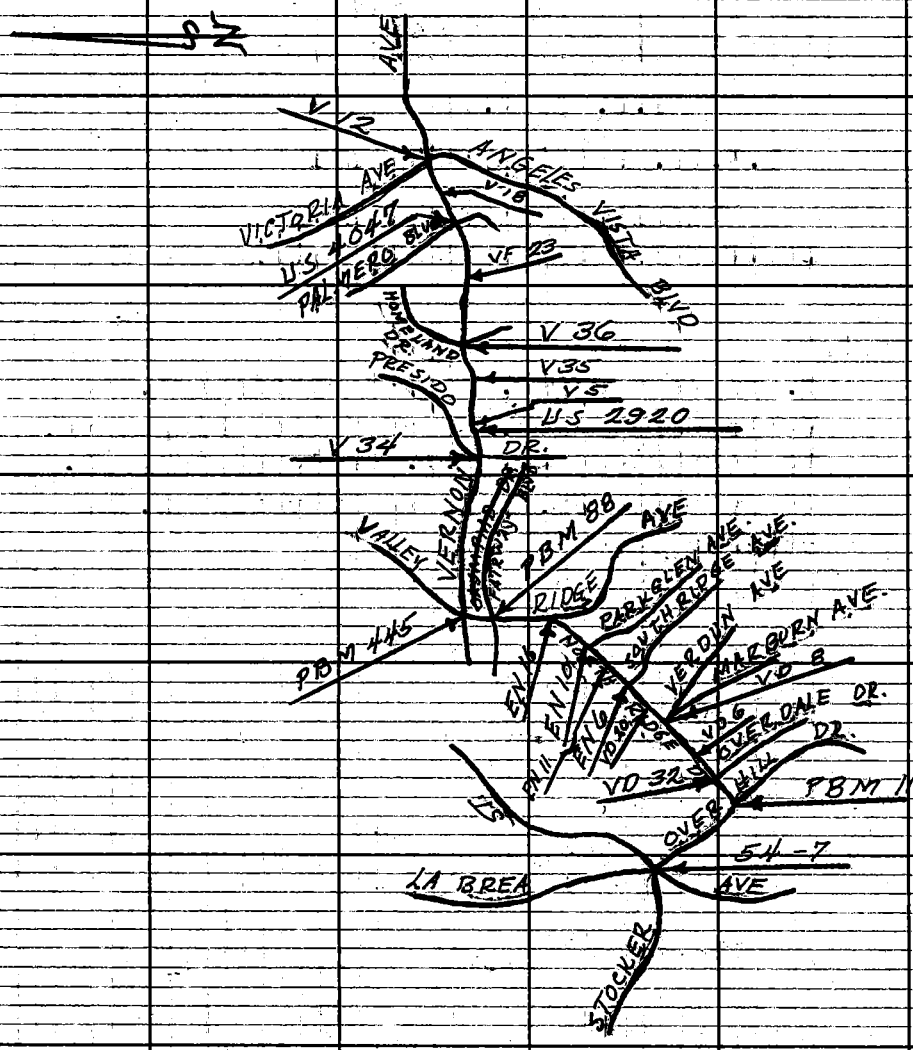
BALDWIN HILLS SUBSIDENCE STUDY

Route

W. on Vernon Ave. from Victoria Ave. to Valley Ridge Ave. S. on Valley Ridge Ave. To Northridge Dr. S.W. on Northridge Dr. to Overhill Dr. N.W. on Owerhill Dr. to Stocker St.

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

F. B. 2858 Pg. 88



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700 Los Angeles County Engineering Bldg.

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

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

Survey of L.A. Co. Precise Level Net
JN 0301.02 Std °F
Surveyed by F. E. Brooks
Notes F. E. Brooks Date May C.1
Indexed H. E. On

F.B. 2852 PG. 89

Aux. Line No. 2 B.M. numbers

V 12
V 18
USBM 4042 also D 777
VF 23
V 36
V 35
V 5
USBM 2920 also W 169 and PBM 32
V 34 also PBM 89
PBM 445
PBM 88
EN 16 also PBM 280
EN 10 also PBM 581
EN 11
EN 6 also PBM 579
VD 20
VD 8
VD 6
VD 32 also PBM 574
PBM 11
54-7

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PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 S&E #247 11-58

F. B. 2852 Pg. 90

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76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED _____ JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD C. J. GALLI NOTES BY ESQUER DATE 5-19-61
DATE 6-12-61 INDEXED H. E. OTT DATE JUN 12 '61

F. B. 1852 PG. 91

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM V-12	147.324					BM V-12 elev. per page 66
+	8.675					Victoria Ave & Vernon Ave.
π	155.999					F.B. 745-10
−	2.700					
T.P. #1	153.299					
+	8.312					
π	161.611					
−	1.239					
T.P. #2	160.372					
+	4.693					
π	165.065					
−	4.113					
BM V-18	160.952					BM V-18
+	8.677					Mount Vernon Dr. & Angeles Vista Blvd.
π	169.629					F.B. 1237-6
−	0.980					
T.P. #3	168.649					
+	10.007					
π	178.656					
−	0.973					
T.P. #4	177.683					
+	9.497					
π	187.180					
−	0.258					
T.P. #5	186.922					
+	11.896					
π	198.818					
−	1.633					
T.P. #6	197.185					

766420 S & E-353 4-54

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JOB NO. 0301.02 SURVEY OF LA Co. Precise Level Net NOTES RED
SURVEY BY F. E. Brooks DATE
NOTES BY ESQUIVEL DATE 5-19-61 NOTES CHKD C. J. GALL
INDEXED H. E. OTT DATE DATE (.)12-61

F. B. 2852 PG. 92

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #6	197.185					
+	6.131					
π	203.316					
−	3.954					
BM US4047	199.362 ✓					BM US4047
+	9.981					Mount Vernon Dr. & Palermo Blvd.
π	209.343					
−	0.825					
T.P. #7	208.518					
+	9.272					
π	217.790					
−	1.208					
T.P. #8	216.582					
+	10.129					
π	226.711					
−	0.894					
T.P. #9	225.817					
+	9.157					
π	234.974					
−	1.127					
T.P. #10	233.847					
+	9.470					
π	243.317					
−	1.393					
T.P. #11	241.924					
+	9.048					
π	250.972					
−	0.770					
T.P. #12	250.202					

768420 S & E-353 4-54

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Do not extend notes this side of this line

NOTES RED _____ JOB NO. 03062Z SURVEY OF LA. Co. Precise Level Net
DATE _____ SURVEY BY F. E. Brooks
NOTES-CHKD G. J. GALLI NOTES BY ESoyer DATE 5-19-61
DATE 6-12-61 INDEXED H. EON DATE _____

F. B. 2852 PG. 93

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #12	250.202					
+	9.757					
=	259.959					
-	0.465					
T.P. #13	259.494					
+	9.688					
=	269.182					
-	0.649					
T.P. #14	268.533					
+	6.896					
=	275.429					
-	3.391					
BM VF 23	272.038					BM VF-23
+	9.406					Mount Vernon Dr. & Circle View Blvd
=	281.444					F.B. 1237-20
-	0.863					
T.P. #15	280.581					
+	9.820					
=	290.401					
-	5.723					
T.P. #16	284.678					
+	4.077					
=	288.755					
-	2.733					
BM V-36	286.022					BM V-36
+	9.180					Mount Vernon Dr. & Homeland Dr.
=	295.202					F.B. 1183-29
-	0.870					
T.P. #17	294.332					

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #17	294.332					
+	9.222					
⊼	303.554					
−	1.103					
B.M. V-35	302.451					B.M. V-35
+	8.971					Mount Vernon Dr. & Northland Dr.
⊼	311.422					F.B. 1183-29
−	3.575					
T.P. #18	307.847					
+	7.855					
⊼	315.702					
−	1.444					
T.P. #19	314.258					
+	9.182					
⊼	323.440					
−	3.120					
T.P. #20	320.320					
+	5.874					
⊼	326.194					
−	4.533					
BM V-5	321.661					BM V-5
+	4.980					Mount Vernon Dr.
⊼	326.641					L.B. 302-83
−	4.509					
BM VS 2920	322.132					BM VS 2920
+	3.771					Mount Vernon Dr.
⊼	325.903					
−	9.462					
T.P. #21	316.441					

JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net NOTES RED
SURVEY BY F. E. Brooks DATE
NOTES BY Esquer DATE 5-19-61 NOTES CHKD C. J. Gal
INDEXED B. E. Ott DATE 6-12-61

F.B. 2852 PG. 94

76S420 S & E-353 4-54

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #21	316.441					
+	2.551					
π	318.992					
−	7.372					
T.P. #22	311.620					
+	5.353					
π	316.973					
−	5.049					
BM V-34	311.924					BM V-34
+	9.693					Mount Vernon Dr. & Presidio Dr.
π	321.617					F.B. 1183-29
−	0.944					
T.P. #23	320.673					
+	9.982					
π	330.655					
−	0.925					
T.P. #24	329.730					
+	9.293					
π	339.023					
−	0.844					
T.P. #25	338.179					
+	9.708					
π	347.887					
−	0.530					
T.P. #26	347.357					
+	9.168					
π	356.525					
−	0.603					
T.P. #27	355.922					

NOTES RED ____ JOB NO. 0301.02 SURVEY OF LA. Co. Precise Level Net
DATE ____ SURVEY BY F. E. Brooks
NOTES CHKD. C. J. GALLI NOTES BY ESQUERON DATE 5-19-61
DATE 6-12-61 INDEXED ____ DATE ____

F.B. 2852 PG. 95

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION					
T.P. #27	355.922										
+	10.545										
⊼	366.467										
−	0.353										
T.P. #28	366.114										
+	9.845										
⊼	375.959										
−	1.422										
T.P. #29	374.537										
+	9.721										
⊼	384.258										
−	2.517										
T.P. #30	381.741										
+	7.859										
⊼	389.600										
−	2.428										
T.P. #31	387.172										
+	8.374										
⊼	395.546										
−	1.731										
T.P. #32	393.815										
+	7.590										
⊼	401.405										
−	3.100										
T.P. #33	398.305										
+	6.137										
⊼	404.442										
−	4.584										
T.P. #34	399.858										

F. B. 2852 PG. 96

JOB NO. 0301.02 SURVEY OF LA. Co. Precise Level Net NOTES RED
SURVEY BY F. E. Brooks DATE
NOTES BY Esquer DATE 5-19-61 NOTES CHKD C. L. GA
INDEXED q/E. QII DATE 6-12-61

768420 S & E-353 4-54

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NOTES RED _____ JOB NO 0301.02 SURVEY OF LA. Co. Precise Level Net
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD G. J. GALLI NOTES BY ESQUER DATE 5-19-61
DATE 6-12-61 INDEXED H. E. OTT DATE

F. B. 2852 PG. 97

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. # 34	399.858					
+	3.586					
⊼	403.444					
−	4.581					
PBM 445	398.863					PBM 445
+	2.228					Mount Vernon Dr. & Valley Ridge Ave.
⊼	401.091					
−	9.998					
T.P. #35	391.093					
+	1.398					
⊼	392.491					
−	6.810					
T.P. #36	385.681					
+	3.143					
⊼	388.824					
−	7.173					
P.BM 88	381.651					P.B.M. 88
+	7.276					Valley Ridge Ave. & Fairway Blvd.
⊼	388.927					
−	3.153					
T.P. #37	385.774					
+	8.338					
⊼	394.112					
−	0.310					
T.P. #38	393.802					
+	8.906					
⊼	402.708					
−	2.199					
T.P. #39	400.509					

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L.A. Co. Precise Level Net

JOB NO 030.02 SURVEY OF F. E. Brooks NOTES RED
SURVEY BY ESQUER DATE 5-19-61 NOTES CHKD. C. J. GAL
NOTES BY H. E. OTT DATE 6-12-61 DATE
INDEXED DATE

F.B. 2852 PG. 98

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #39	400.509					
+	5.166					
Π	405.675					
−	6.451					
T.P. #40	399.224					
+	4.125					
Π	403.349					
−	6.939					
T.P. #41	396.410					
+	3.670					
Π	400.080					
−	7.065					
EN-16	393.015					EN-16 Valley Ridge Ave. & Northridge Dr. F.B. 1179-95
+	7.301					
Π	400.316					
−	5.211					
T.P. #42	395.105					
+	4.376					
Π	399.481					
−	5.068					
BM EN-10	394.413					BM EN-10 Northridge Dr. & Valleydale Ave. F.B. 1179-92
+	6.781					
Π	401.194					
−	2.144					
T.P. #43	399.050					
+	5.870					
Π	404.920					
−	4.039					
BM EN 11	400.881					BM EN-11 Northridge Dr. & Parkglen Ave. F.B. 1179-93

76S420 S & E-353 4-54

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NOTES RED — JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net
DATE — SURVEY BY F. E. Brooks
NOTES CHKD R. J. GILLINOTES BY ESQUER DATE 5-19-61
DATE 6-12-61 INDEXED M. E. OTT DATE

F. B. 1852 PG. 99

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM EN-11	400881					BM EN-11
+	6.631					Northridge Dr. & Parkglen Ave.
℄	407512					F.B. 1179-92
−	3.601					
T.P. #44	403911					
+	6.482					
℄	410393					
−	6.327					
BM EN-6	404066					BM EN-6
+	5.713					Northridge Dr. & Southridge Ave
℄	409779					F.B. 1179-89
−	6.992					
T.P. #45	402787					
+	4.457					
℄	407244					
−	5.657					
BM VD-20	401587					BM VD-20
+	3.991					Northridge Dr. & Inadale Ave.
℄	405578					F.B. 1128-40
−	6.727					
T.P. #46	398851					
+	4.246					
℄	403097					
−	5.808					
BM VD-8	397289					BM VD 8
+	6.991					Northridge Dr. & Verdun Ave.
℄	404280					F.B. 1128-33
−	3.620					
T.P. #47	400660					

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JOB NO. 030102 SURVEY OF LA Co. Precise Level Net NOTES RED
SURVEY BY F. E. Brooks DATE
NOTES BY Esquer DATE 5-19-61 NOTES CHKD. C. J. GAL
INDEXED DATE DATE 6-12-61

F.B. 1152 PG. 10.0

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #47	400660					
+	6.739					
⊼	407399					
−	0.752					
T.P. #48	406647					
+	9.613					
⊼	416260					
−	0.547					
T.P. #49	415.713					
+	6.766					
⊼	422479					
−	7.686					
BM VD-6	414793					BM VD-6 Northridge Dr. & Marvale Dr. F.B. 1128-32
+	8.278					
⊼	423071					
−	3.539					
T.P. #50	419532					
+	6.051					
⊼	425583					
−	5.948					
BM VD-32	419635					BM VD-32 Northridge Dr. & Overdale Dr. F.B. 1158-64
+	5.255					
⊼	424890					
−	6.222					
T.P. #51	418668					
+	4.280					
⊼	422948					
−	5.725					
PBM-11	417233					PBM-11 Northridge Dr. & Overhill Dr.

765420 S & E-353 4-54

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NOTES RED _____ JOB NO 0301.02 SURVEY OF LA. Co. Precise Level Net
DATE _____ SURVEY BY F.E. Brooks
NOTES CHKD E.J. GALLNOTES BY ESQUER DATE 5-19-61
DATE 6-12-61 INDEXED H.E. DATE _____

F.B. 2152 PG. 101

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P.B.M-11	417.283					P.B.M-11 Northridge Dr. & Overhill Dr.
+	8.377					
∧	425.660					
−	1.514					
T.P. #52	424.086					
+	10.006					
∧	434.102					
−	0.843					
T.P. #53	433.259					
+	10.321					
∧	443.580					
−	0.815					
T.P. #54	442.765					
+	9.766					
∧	452.531					
−	2.417					
T.P. #55	450.114					
+	6.584					
∧	456.698					
−	7.689					
T.P. #56	449.009					
+	2.005					
∧	457.014					
−	9.493					
T.P. #57	447.521					
+	1.751					
∧	449.272					
−	7.503					
T.P. #58	441.769					

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JOB NO. 0361.02 SURVEY OF LA Co. Precise Level Net NOTES RED
SURVEY BY F. E. Brooks DATE
NOTES BY Esquer DATE 5-19-61 NOTES CHKD C. J. GAL
INDEXED M. E. OTT DATE DATE 6-12-61

F.B. 2852 PG. 102

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #58	435729					
+	4.304					
π	440033					
−	7.082					
BM 54-7	432981 ✓					BM 54-7 ELEV = 432.951 Overhill Dr. & Stocker St. & La Brea Ave. F.B. 2433-13 elev. per field Calculation unadjusted Precise Level Net Line #54

Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F.B. 2852 PG. 103
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date JUN 1 2'61	
Date	Indexed H. E. On	

J.N. 0301.02

L.A.CO. PRECISE LEVEL NET

Auxilary line No. 3

BALDWIN HILLS SUBSIDENCE STUDY

Route:

1st Section

S. on Presido Dr. from Stocker St. to Vernon Ave.

2nd Section

S. on Valley ridge Ave. from Northridge Dr. to 54th St. E. on 54th St. to Keniston Ave. S. on Keniston Ave. to Slauson Ave. W. on Slauson Ave. to Angeles Vista Blvd.

D.LeGault
R.R.Rodriguez
G.R.Esquer

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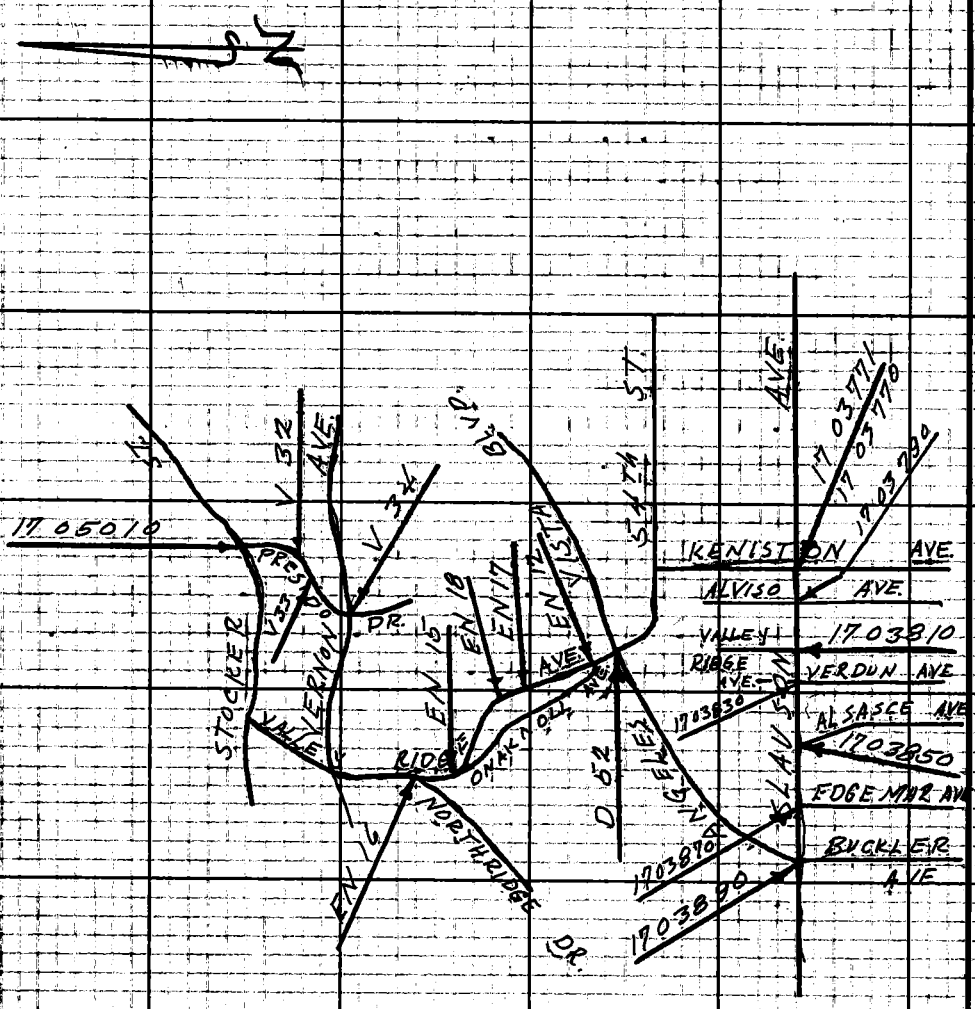
76F3098 SAE #247 11-58

F. B. 2852 Pg. 104



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Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F.B. 2852 Pg. 105
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date	
Date	Indexed H. E. OTT	

Aux. Line No. 3 B.N. numbers

1st Section

17 05010
V 32
V 33
V 34 also PBM 89

2nd Section

EN 16 also PBM 280
EN 15
EN 18
EN 17
EN 12
D 52
17 03770
17 03771
17 03790
17 03810
17 03830
17 03850
17 03870
17 03890

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

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76309S CE #247 7-53

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F.B. 2832 PG. 106

NOTES RED. JOB NO. 0301.02 SURVEY OF LA. Co. Precise Level Net

DATE SURVEY BY F. E. Brooks Le Gault

NOTES CHKD. NOTES BY Esquer DATE 5-23-61

DATE INDEXED H. E. OTT DATE

F. B 2852 PG. 107

J.N. 0301.02

L. A. Co. Precise Level Net

AUX. LINE #3

1ST SECTION.

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.

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76542O S & E-353 4-54

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JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net NOTES RED
SURVEY BY ~~F.E. Brooks~~ Le Gault DATE
NOTES BY ESQUER DATE 5-23-61 NOTES CHKD C.J. GAL
INDEXED ~~M. & OR~~ DATE DATE 6-12-61

F.B. 2852 PG. 108

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 17-05010	200.427					BM 17-05010 Elev 200.427
+	8.643					Presidio Dr. & Stocker St.
π	209.070					L.A. City
—	1.142					
T.P. #1	207.928					elev. per field calculation unadjusted
+	8.623					Precise Level Net Line #54
π	216.551					
—	1.011					
T.P. #2	215.540					
+	8.720					
π	224.260					
—	0.839					
T.P. #3	223.421					
+	8.701					
π	232.122					
—	1.131					
T.P. #4	230.991					
+	8.731					
π	239.722					
—	1.568					
BM V-32	238.154					BM V-32
+	8.467					Presidio Dr. E. side ± 600' S. of
π	246.621					E. of Stocker St.
—	0.892					F.B. 1183-27
T.P. #5	245.729					
+	8.084					
π	253.813					
—	0.250					
T.P. #6	253.563					

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #6	253.563					
+	11.227					
π	264.790					
−	0.436					
BM V-33	264.354					BM V-33
+	9.531					Presidio Dr. & Kenway Ave.
π	273.885					F.B. 1183-28
−	1.195					
T.P. #7	272.690					
+	8.889					
π	281.579					
−	0.402					
T.P. #8	281.177					
+	9.814					
π	290.991					
−	0.808					
T.P. #9	290.183					
+	9.996					
π	300.179					
−	1.645					
T.P. #10	298.534					
+	9.870					
π	308.404					
−	1.692					
T.P. #11	306.712					
+	8.176					
π	314.888					
−	2.984					
BM V-34	311.904					BM V-34 Elev = 311.924 per pg. 95
						Presidio Dr. & Mount Vernon Dr.

NOTES RED ____ JOB NO. 030102 SURVEY OF LA Co. Precise Level Net
DATE ____ SURVEY BY ~~F. E. Brooks~~ LeGault
NOTES CHKD C. J. GALLI NOTES BY ESQUER DATE 5-23-61
DATE 6-12-61 INDEXED H. E. OTT DATE

F.B. 2852 PG. B09

F. B. 2852 PG. 140

JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net NOTES RED
SURVEY BY ~~F. E. Brooks~~ LeGault DATE
NOTES BY Esquer DATE 5-23-61 NOTES CHKD
INDEXED DATE DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

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

DATE _____ SURVEY BY F. E. Brooks Le Gault

NOTES CHKD. _____ NOTES BY ESQUER H. E. Ott DATE 5-22-61

DATE _____ INDEXED _____ DATE _____

F. B. 2852 PG. 111

J.N. 0301.02

L. A. Co. Precise Level Net

AUX. LINE No 3

2nd SECTION

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.

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

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765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 0301.02 SURVEY OF LA Co. Precise Level Net NOTES RED.
SURVEY BY ~~H.E. Brooks~~ L.E. Gault DATE
NOTES BY Esquer DATE 5-22-61 NOTES CHKD. C.J. GA
INDEXED ~~H.E. OH~~ DATE DATE 6-12-61

F.B. 2052 PG. 112

21

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM-EN-16	393.015					BM EN-16 Elev. = 393.015 per Pg 98 Valley Ridge Ave & Northridge Dr. F.B. 1179-95
+	2.168					
T	395.183					
−	9.177					
T.P. # 1	386.006					
+	3.266					
T	389.272					
−	5.091					
BM EN-15	384.181					BM EN-15 Valley Ridge Ave & Oaknoll Ave F.B. 1179-95
+	1.509					
T	385.690					
−	7.548					
T.P. #2	378.142					
+	2.397					
T	380.539					
−	9.643					
T.P. #3	370.896					
+	0.291					
T	371.187					
−	8.861					
T.P. #4	362.326					
+	1.652					
T	363.978					
−	8.619					
T.P. #5	355.359					
+	2.953					
T	358.312					
−	5.918					
BM.EN-18	352.394					BM.EN-18 Valley Ridge Ave. W. side ±875' S. of Oaknoll Ave. F.B. 1179-97

76S420 S & E-353 4-54

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM EN-18	352.394					BM EN-18
+	0.924					Valley Ridge Ave., W. side ± 875' S.
⊼	353.318					of Oaknoll Ave.
−	11.491					F.B. 1197-97
T.P. #6	341.827					
+	0.336					
⊼	342.163					
−	9.583					
T.P. #7	332.580					
+	0.461					
⊼	333.041					
−	8.567					
T.P. #8	324.474					
+	0.635					
⊼	325.109					
−	8.320					
T.P. #9	316.789					
+	1.934					
⊼	318.723					
−	7.848					
BM EN-17	310.875					BM EN-17
+	0.240					Valley Ridge Ave. W. side ± 750' N.
⊼	311.115					of Oaknoll Ave.
−	9.204					F.B. 1179-97
T.P. #10	301.911					
+	1.159					
⊼	303.070					
−	8.344					
T.P. #11	294.726					

NOTES RED ____ JOB NO. 0301.04 SURVEY OF L.A. Co. Precise Level Net
DATE ____ SURVEY BY ~~F. E. Brooks~~ LeGault
NOTES CHKD. C. I. GALL NOTES BY Esquer DATE 5-22-61
DATE 6-12-61 INDEXED M. E. OTT DATE ____

F.B. 2862 PG 113

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #11	294.726					
+	0.682					
⊼	295.408					
−	8.588					
T.P. #12	286.820					
+	0.664					
⊼	287.484					
−	9.008					
T.P. #13	278.476					
+	2.420					
⊼	280.896					
−	7.307					
BM EN-12	273.589					BM EN-12
+	1.833					Valley Ridge Ave. & Oaknoll Ave.
⊼	275.422					F.B. 1179-93
−	7.302					
T.P. #14	268.120					
+	3.734					
⊼	271.854					
−	4.916					
BM D-52	266.938					BM D-52 elev. 266.917 elev. per page 70
						Valley Ridge Ave. & Angeles Vista Blvd.
BM D-52	266.917					F.B. 1179-86
+	8.212					
⊼	275.129					
−	1.741					
T.P. #15	273.388					

JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net NOTES RED
SURVEY BY LeGault DATE
NOTES BY Esquer DATE 5-22-61 NOTES CHKD C. L. GA
INDEXED H. E. OTT DATE DATE 6-12-61

F. B. 2852 PG. 114

76S420 S & E-353 4-54

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #22	217.322					
+	2.003					
⊼	249.325					
−	7.980					
T.P. #23	241.345					
+	2.078					
⊼	243.423					
−	10.102					
BM1703770	233.321					BM 17-03770
+	4.513					Keniston Ave. & Slauson Ave.
⊼	237.834					L.A. City
−	6.483					
BM1703771	231.351					BM 17-03771
+	6.562					Slauson Ave. & Keniston Ave. ℄
⊼	237.913					intersection.
−	5.041					L.A. City
T.P. #24	232.872					
+	5.780					
⊼	238.652					
−	4.756					
T.P. #25	233.896					
+	5.244					
⊼	239.140					
−	3.124					
BM1703790	236.016					BM 17-03790
+	2.493					Slauson Ave. & Alviso Ave.
⊼	238.509					L.A. City
−	6.177					
T.P. #26	232.332					

L.A. Co. Precise Level Net

JOB NO. 0301.02 SURVEY OF ~~H.E. DROOM~~ LeGault

SURVEY BY ~~H.E. DROOM~~ Esquer DATE 5-22-61

NOTES BY ~~H.E. DROOM~~ DATE 6-12-61

INDEXED ~~H.E. DROOM~~ DATE

NOTES RED DATE

NOTES CHKD C. J. GALL DATE

F. B. 2852 PG. 116

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NOTES RED _____ JOB NO. 03402 SURVEY OF LA. Co. Precise Level Net
DATE _____ SURVEY BY F.E. Brooks
NOTES CHKD C.J. GALLI NOTES BY ESQUER DATE 5-22-61
DATE 6-12-61 INDEXED _____ DATE _____

F. B. 2852 Pg 117

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #26	232.332					
+	0.658					
=	232.990					
−	8.001 ✓					
BM 17-03810	224.989					BM 17-03810
+	6.471					Slauson Ave. & Valley Ridge Ave.
=	231.460					L.A. City
−	2.621					
T.P. #27	228.839					
+	8.173					
=	237.012					
−	3.066					
T.P. #28	233.946					
+	8.403					
=	242.349					
−	6.122 ✓					
BM 17-03830	236.227					BM 17-03830
+	7.233					Slauson Ave. & Verdun Ave.
=	243.460					L.A. City
−	4.172					
T.P. #29	239.288					
+	5.584					
=	244.872					
−	4.779					
T.P. #30	240.093					
+	5.583					
=	245.676					
−	2.696					
BM 17-03850	242.980 ✓					BM 17-03850
						Slauson Ave. & Alsace Ave.

765420 S & E-353 4-54

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JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net
SURVEY BY T. E. Brooks Le Gault
NOTES BY Esquer DATE 5-22-61 NOTES CHKD C. J. GAL
INDEXED DATE 6-12-61 NOTES RED. DATE

F. B. 2852, Pg. 118

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 1703850	242.980					BM 17-03850 Slauson Ave. & Alsace Ave. L. A. City
+	10.105					
π	253.085					
−	0.266					
T.P. #31	252.819					
+	9.868					
π	262.687					
−	0.219					
T.P. #32	262.468					
+	9.530					
π	271.998					
−	1.233					
T.P. #33	270.765					
+	8.830					
π	279.595					
−	1.115					
T.P. #34	278.480					
+	7.164					
π	285.644					
−	3.035					
BM 17-03870	282.609					BM 17-03870 Slauson Ave. & Edgemar Ave. L. A. City
+	7.618					
π	290.227					
−	1.456					
T.P. #35	288.771					
+	10.684					
π	299.455					
−	0.390					
T.P. #36	299.065					

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NOTES RED _____ JOB NO. 0730.02 SURVEY OF L.A. Co. Precise Level Net
DATE _____ SURVEY BY F.E. Brooks
NOTES CHKD G.I. GALLI NOTES BY ESQUER DATE 5-22-61
DATE 6-12-61 INDEXED M. E. ON DATE _____

F. B. 282 Pg. 119

25

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #36	299.065					
+	8.918					
π	307.983					
−	2.007					
T.P. #37	305.976					
+	9.183					
π	315.159					
−	2.962					
BM 17-03890	312.197					BM 17-03890 Elev = 312.209 elev. per page 72
						Slauson Ave. & Buckler Ave.
						L.A. City

F. B. 2852 Pg. 120

JOB NO. 0301.02 SURVEY OF LA. Co. Precise Level Net NOTES RED.

SURVEY BY ~~E. E. Brooks~~ DATE

NOTES BY DATE NOTES CHKD.

INDEXED DATE DATE

765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

Notes Ck'd by		Survey of L.A. Co. Precise Level Net	F. B. 2852 Pg. 121
Map No.		JN 0301.02 Tape Std oF	
Office Work		Surveyed by F. E. Brooks	
Checked		Notes F. E. Brooks Date May 61	
Date		Indexed H. E. Ott JUN 1 2 '61	

J.N. 0301.02

L.A.CO. PRECISE LEVEL NET

Auxilary line No. 4

BALDWIN HILLS SUBSIDENCE STUDY

Route

N. along a private paved road through the Std. Oil Co. oil field from the inter. of Stocker St. and La Brea Ave. to the Baldwin Hills Reservoir. Around the reservoir on the W. and N. sides then E. on Dept. of Water and Power service road to La Brea Ave. N. on La Brea Ave. to Rodeo Rd.

D.LeGault
R.R.Rodriguez
G.R.Esquer

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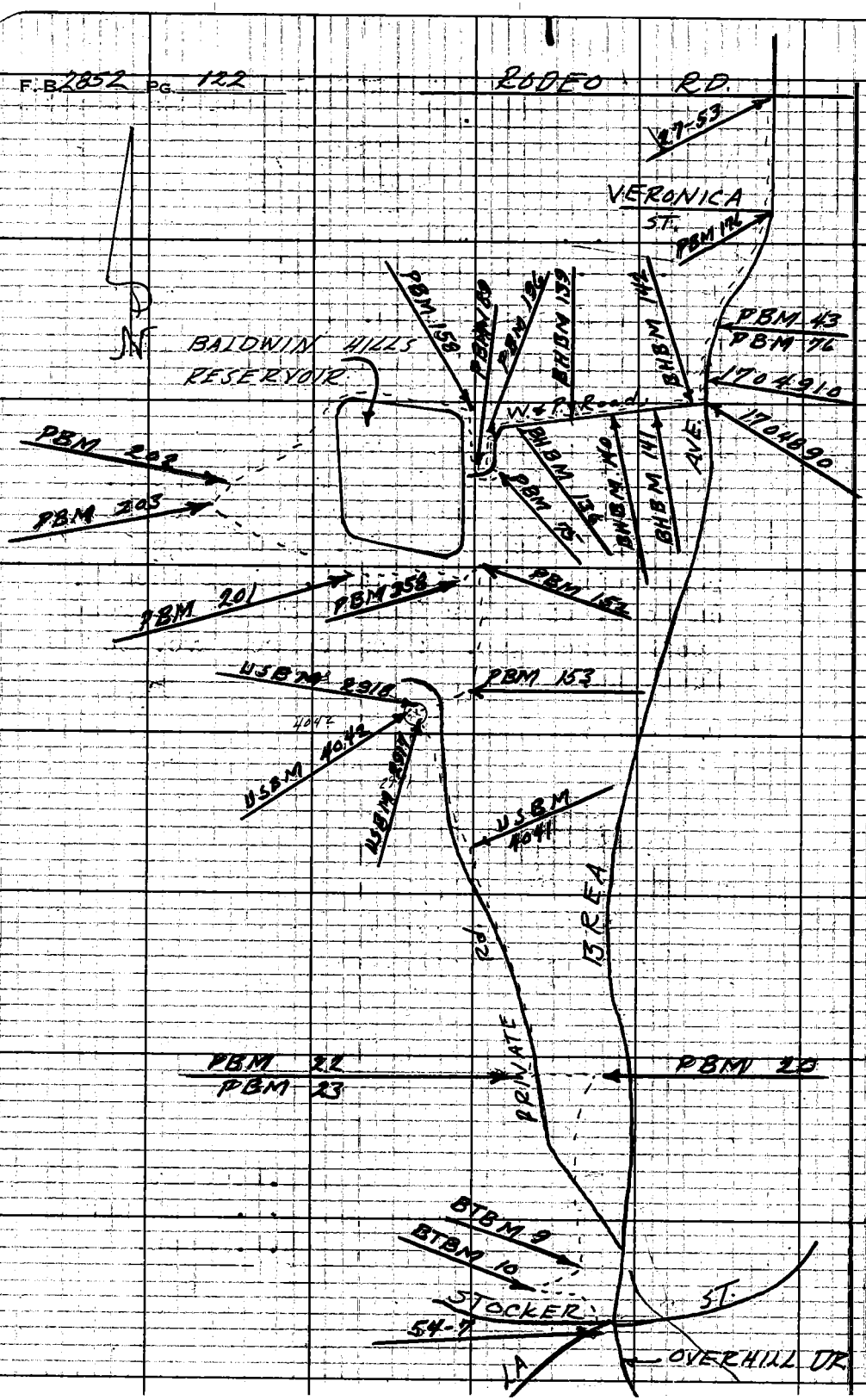
900 Los Angeles County Engineering Bldg.

763095 CE #247—7-55

F.B. 2852 Pg. 12.2



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700 Los Angeles County Engineering Bldg.

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

Survey of L.A. Co. Precise Level Net
J.N. 0301.02 Tape Std °F
Surveyed by F. E. Brooks
Notes F. E. Brooks Date
Indexed H. E. on

F. B. 2852 Pg. 123

Aux. Line No. 4 B.M. numbers

54-7
BTBM 9
BTBM 10
PBM 20
PBM 22
PBM 23
USBM 4041 also PBM 26
USBM 2917 also PBM 31
USBM 4042
USBM 2918 also PBM 30
PBM 153
PBM 152
PBM 358
PBM 201
PBM 203
PBM 202
PBM 158
PBM 189
PBM 75
PBM 189
BHBM 136
BHBM 139
BHBM 140
BHBM 141
BHBM 142
17 04890
17 04910 also PBM 174
PBM 76
PBM 43
PBM 176
27-53

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75F3095 SAE #247 11-58

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F.B. 2852 PG. 124

NOTES RED. JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net F. B. 1852 PG. 125
DATE SURVEY BY ~~E. E. Brooks~~ LeGault
NOTES CHKD. NOTES BY Esquer & E. Ott DATE
DATE INDEXED DATE

J.N. 0301.02

L. A. Co. Precise Level Net

AUX. LINE #4

FROM BM 54-7

TO BM 27-53

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 030.02 SURVEY OF LA Co. Precise Level Net NOTES RED
SURVEY BY R.E. Brooks DATE
NOTES BY Esquer DATE 5-24-61 NOTES CHKD C.J. GALL
INDEXED U.E. DIT DATE DATE 6-12-61

F.B. 2852 PG. 126

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 54-7	432.954					BM 54-7 Elev. = 432.954
+	4.941					Stocker St. & La Brea Ave. & Overhill Dr.
π	437.895					F.B. 2433-13
—	7.073					
T.P. #1	430.822					elev. per field calculation unadj.
+	4.578					Precise Level Net Line #54
π	435.400					
—	0.513					
T.P. #2	434.887					
+	10.843					
π	445.730					
—	0.197					
T.P. #3	445.533					
+	5.025					
π	450.558					
—	7.964					
BT BM-10	442.594					BT BM-10
+	11.595					Near Standard Oil Well BC #71
π	454.189					See F.B. 2853-112
—	3.099					
T.P. #4	451.090					
+	7.427					
π	458.517					
—	2.692					
BT. BM-9	455.825					BT. BM-9
+	9.743					Near Standard Oil Well BC #71
π	465.568					See F.B. 2853-112
—	0.368					
T.P. #5	465.200					

768420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED _____ JOB NO 0301.02 SURVEY OF LA Co. Precise Level Net
DATE _____ SURVEY BY F. E. Brooks LC Gault
NOTES CHKD G.J. GALL NOTES BY E. SQUIER DATE 5-24-61
DATE 6-12-61 INDEXED H. E. OTT DATE

F. B. 2857 Pg. 127

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #5	465.200					
+	8.964					
π	474.164					
−	1.109					
T.P. #6	473.055					
+	7.123					
π	480.178					
−	4.453					
T.P. #7	475.725					
+	4.131					
π	479.856					
−	2.876					
T.P. #8	476.980					
+	7.702					
π	484.682					
−	6.228					
T.P. #9	478.454					
+	1.731					
π	480.185					
−	8.317					
T.P. #10	471.868					
+	1.620					
π	473.488					
−	11.423					
P.B.M. 20	462.065					PBM 20
+	11.221					Near Standard Oil Well BC. #64
π	473.286					See F.B. 2853-1/4
−	1.418					
T.P. #11	471.868					

765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #11	471.868					
+	7.718					
⊼	479.586					
−	1.300					
PBM-22	478.286					PBM-22
+	1.561					Standard Oil Well BC#64
⊼	479.847					See F.B. 2853-114
−	1.547					
P.BM-23	478.300					PBM-23
+	2.944					Standard Oil Well BC#64
⊼	481.244					See F.B. 2853-114
−	1.421					
T.P. #12	479.823					
+	4.433					
⊼	484.256					
−	3.500					
T.P. #13	480.756					
+	8.829					
⊼	489.585					
−	4.051					
T.P. #14	485.534					
+	4.508					
⊼	490.042					
−	2.444					
T.P. #15	487.598					
+	10.497					
⊼	498.095					
−	1.055					
T.P. #16	497.040					

JOB NO. 0301.02 SURVEY OF LA Co. Precise Level Net NOTES RED
SURVEY BY Le Gault DATE
NOTES BY Esquer DATE 5-24-61 NOTES CHKD C. J. GA
INDEXED C. L. OTT DATE DATE 6-12-61

F.B. 2852 PG. 12B

76S420 S & E-353 4-54

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #16	497.040					
+	5.912					
π	502.952					
−	1.903					
T.P. #17	501.049					
+	4.907					
π	505.956					
−	3.432					
BM US 4041	502.524					BM US 4041
+	2.911					Near Small Radio Transmitting Sta.
π	505.435					See F.B. 2853-116
−	6.034					
T.P. #18	499.401					
+	8.517					
π	507.918					
−	1.583					
T.P. #19	506.335					
+	4.147					
π	510.482					
−	2.889					
T.P. #20	507.593					
+	6.050					
π	513.643					
−	3.540					
BM US 2917	510.103					BM US 2917
+	5.545					Under Water Tower
π	515.648					See F.B. 2853-118
−	4.627					
BM US 2918	511.021					BM US 2918
						Under Water Tower

NOTES RED ____ JOB NO. 0301.02 SURVEY OF LA. Co. Precise Level Net
DATE ____ SURVEY BY ~~T. E. Brooks~~ Le Gault
NOTES CHKD. C. J. GALLI NOTES BY E. Squier DATE 5-24-61
DATE 6-12-61 INDEXED H. E. Orr DATE

F.B. 2854 PG. 129

768420 S & E-353 4-54

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM US 2918	511.021					BM US 2918
+	4.013					Under Water Tower
⊼	515.034					see F.B. 2853-118
−	7.603					
BM US 4042	507.431					BM US 4042
+	7.523					Under Water Tower
⊼	514.954					See F.B. 2853-118
−	4.389					
T.P. #21	510.565					
+	1.143					
⊼	511.708					
−	9.993					
T.P. #22	501.715					
+	2.383					
⊼	504.098					
−	6.023					
P.BM 153	498.075					P.BM 153
+	4.068					Near Large Water Tank
⊼	502.143					see F.B. 2853-120
−	8.678					
T.P. #23	493.465					
+	0.908					
⊼	494.373					
−	6.452					
T.P. #24	487.921					
+	3.870					
⊼	491.791					
−	5.467					
P.BM 152	486.324					P.B.M 152
						On S. side of Baldwin Hills Reservoir
						See F.B. 2853-120

F.B. 2853 PG. 130

JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net NOTES RED
SURVEY BY ~~F.E. Brooks~~ Le Gault DATE
NOTES BY E. Soiver DATE 5-24-61 NOTES CHKD C. J. GALL
INDEXED H. L. Ott DATE 6-12-61

768420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P.B.M 152	486.324					P.B.M 152
+	4.483					On S. side of Baldwin Hills Reservoir
⊼	490.807					See F.B. 2853-120
−	5.897					
P.B.M 358	484.910					P.B.M 358
+	2.743					On S. side of Baldwin Hills Reservoir
⊼	487.653					See F.B. 2853-120
−	6.174					
T.P. #25	481.479					
+	0.506					
⊼	481.985					
−	11.771					
T.P. #26	470.214					
+	0.734					
⊼	470.948					
−	8.936					
T.P. #27	462.012					
+	0.287					
⊼	462.299					
−	8.773					
T.P. #28	453.526					
+	1.754					
⊼	455.280					
−	9.812					
PBM 201	445.468					P.B.M 201
+	8.488					On W side of Baldwin Hills Reservoir
⊼	453.956					See F.B. 2853-124
−	5.468					
T.P. #29	448.488					

NOTES RED ____ JOB NO. 034.02 SURVEY OF L.A. Co. Precise Level Net
DATE ____ SURVEY BY ~~H.L. BROOKS~~ Le Gault
NOTES CHKD. H. J. AMBERS NOTES BY E. SOUCEK DATE 5-25-61
DATE ____ INDEXED ____ DATE ____

F.B. 2852 PG. 131

765420 S & E-353 4-54

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #29	448.488					
+	4.672					
π	453.160					
−	8.048					
T.P. #30	445.112					
+	4.486					
π	449.598					
−	5.683					
P.BM 203	443.915					P.BM 203
+	5.532					On W. side of Baldwin Hills Reservoir
π	449.447					See F.B. 2853-124
−	4.286					
P.BM 202	445.161					P.BM 202
+	8.233					On W. side of Baldwin Hills Reservoir
π	453.394					See F.B. 2853-124
−	3.719					
T.P. #31	449.675					
+	8.080					
π	457.755					
−	0.240					
T.P. #32	457.515					
+	11.493					
π	469.008					
−	0.271					
T.P. #33	468.737					
+	11.145					
π	479.882					
−	0.652					
T.P. #34	479.230					

JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net NOTES RED
SURVEY BY ~~F.E. Brooks~~ Le Gault DATE
NOTES BY ESQUER DATE 5-25-61 NOTE CHECKED H. J. AMBER
INDEXED H. E. OTT DATE DATE

F.B. 2852 PG. 132

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

DATE _____ SURVEY BY ~~E. E. Brooks~~ Le Gault

~~NOTES CHK~~ H. J. AMBERS NOTES BY Esquer DATE 5-25-61

DATE _____ INDEXED R. L. On DATE _____

F. B. 2852 PG. 133

76S420 S & E-353 4-54

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #34	479.230					
+	6.916					
π	486.146					
−	4.442					
T.P. #35	481.704					
+	4.521					
π	486.225					
−	4.425					
T.P. #36	481.800					
+	4.542					
π	486.342					
−	5.032					
T.P. #37	481.310					
+	4.984					
π	486.294					
−	4.556					
T.P. #38	481.738					
+	4.465					
π	486.203					
−	4.633					
T.P. #39	481.570					
+	4.659					
π	486.229					
−	4.527					
T.P. #40	481.702					
+	4.903					
π	486.605					
−	5.177					
T.P. #41	481.428					

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 0301.42 SURVEY OF L.A. Co. Precise Level NOTES RED
SURVEY BY F.E. Brooks DATE
NOTES BY ESQUER DATE 5-25-61 NOTES CHECKED BY J. AMBERS
INDEXED DATE DATE

F.B. 2853 PG. 134

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #41	481.428					
+	5.178					
π	486.606					
−	5.107					
P.BM 158	481.499	✓				P.BM 158
+	5.091					On N.E. cor. of Baldwin Hills Reservoir
π	486.590					at Padilla Pl.
−	5.105					See F.B. 2853 - 126
T.P. #42	481.485					
+	5.017					
π	486.502					
−	5.070					
T.P. #43	481.432					
+	4.890					
π	486.322					
−	4.443					
T.P. #44	481.879	✓				
+	4.436					
π	486.315					
−	6.722					
PBM 189	479.593	✓				PBM 189
+	6.113					E. side of Baldwin Hills Reservoir
π	485.706					See F.B. 2853 - 122
−	2.673					
T.P. #45	483.033					
+	3.649					
π	486.682					
−	6.458	✓				
P.BM 75	480.224					PBM 75
						E. side of Baldwin Hills Reservoir
						See F.B. 2853 - 122

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P.B.M. 75	480.224					PBM 75
+	0.459					E. side of Baldwin Hills Reservoir
⊼	480.683					See F.B. 2853-122
−	11.528					
T.P. #46	469.155					
+	0.721					
⊼	469.876					
−	11.719					
T.P. #47	458.157					
+	0.385					
⊼	458.542					
−	11.245					
T.P. #48	447.297					
+	0.364					
⊼	447.661					
−	11.432					
T.P. #49	436.229					
+	0.655					
⊼	436.884					
−	11.551					
T.P. #50	425.333					
+	0.422					
⊼	425.755					
−	1.397					
T.P. #51	424.358	= PBM196				PBM196
+	1.445					L.A. City Water & Power Rd.
⊼	425.803					F.B. 2853-127-128
−	10.538					
T.P. #52	415.265					

NOTES RED _____ JOB NO. 0301.02 SURVEY OF LA Co. Precise Level Net
DATE _____ SURVEY BY ~~F.E. Brooks~~ Le Gault
NOTES CHKD. H. J. AMBERS NOTES BY E Sover DATE 5-25-61
DATE _____ INDEXED R. E. Orr DATE _____

F.B. 2852 PG. 185

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

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #52	415.265					
+	0.473					
⊼	415.738					
−	10.183					
T.P. #53	405.555					
+	0.430					
⊼	405.985					
−	8.536					
T.P. #54	397.449					
+	2.943					
⊼	400.392					
−	5.846					
T.P. #55	394.546	=BH BM136				BH BM 136
+	3.362					L.A. City Water & Power Rd.
⊼	397.908					F.B. 2853-127-128
−	11.068					
T.P. #56	386.840					
+	0.720					
⊼	387.560					
−	9.286					
T.P. #57	378.274					
+	0.342					
⊼	378.616					
−	10.307					
T.P. #58	368.309					
+	0.384					
⊼	368.693					
−	10.883					
T.P. #59	357.810					BH BM 139

JOB NO. 0301.02 SURVEY OF LA Co. Precise Level Net NOTES RED
SURVEY BY ~~F. E. Brooks~~ Le Gault DATE
NOTES BY Esquer DATE 5-25-61 NOTES CHKD H. L. AMBER
INDEXED H. E. Ott DATE DATE

F.B. 2852 PG. 126

769420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED _____ JOB NO 0301.02 SURVEY OF L.A. Co. Precise Level Net
DATE _____ SURVEY BY F. E. Brook
NOTES CKD. H. J. AMBERS NOTES BY ESQUER DATE 3-25-61
DATE _____ INDEXED H. E. ON DATE _____

F. B. 2852 PG. 137

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #59	357.810	= BH BM 139				BH BM 139
+	0.533					L. A. City Water & Power Rd.
π	358.343					F. B. 2853-127-128
−	9.759					
T.P. #60	348.584					
+	0.547					
π	349.131					
−	9.179					
T.P. #61	339.952					
+	0.563					
π	340.515					
−	9.148					
T.P. #62	331.367					
+	0.251					
π	331.618					
−	9.467					
T.P. #63	322.151					
+	1.420					
π	323.571					
−	9.312					
T.P. #64	314.259					
+	0.903					
π	315.162					
−	8.511					
T.P. #65	306.651	BH BM 140				BH BM 140
+	1.218					L.A. City Water & Power Rd.
π	307.869					F.B. 2853-127-128
−	8.417					
T.P. #66	299.452					

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JOB NO 0301.02 SURVEY OF LA Co. Precise Level Net NOTES RED
SURVEY BY F.C. Brook LeGault DATE
NOTES BY Esquer DATE 5-25-61 NOTES CHKD H. AMBE
INDEXED D. L. Ott DATE DATE

F.B. 2852 PG. 128

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #66	299.452	✓				
+	0.749					
π	300.201					
−	9.044					
T.P. #67	291.157					
+	0.601					
π	291.758					
−	8.737					
T.P. #68	283.021					
+	2.894					
π	285.915					
−	7.337					
T.P. #69	278.578	= BH BM 141 ✓				BH BM 141
+	0.495					L.A. City Water & Power Rd.
π	279.073					F.B. 2853-127-128
−	9.369					
T.P. #70	269.704					
+	0.519					
π	270.223					
−	9.193					
T.P. #71	261.030					
+	0.340					
π	261.370					
−	8.538					
T.P. #72	252.832					
+	0.550					
π	253.382					
−	9.323					
T.P. #73	244.059	✓				

765420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED. _____ JOB NO. 030102 SURVEY OF LA. Co. Precise Level Net
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD. H. J. AMBERS NOTES BY [redacted] DATE 5-25-61
DATE _____ INDEXED _____ DATE _____

F.B. 2852 PG. 139

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #73	244.059	/				
+	4.546					
Σ	248.605					
−	6.913	/				
T.P. #74	241.692	= BH BM 142				BH BM 142
+	2.708					L.A. City Water & Power Rd.
Σ	244.400					F.B. 2853-127-128
−	4.549					
BM 1704890	239.851	/				BM 1704890 & P.B.M. 174
+	1.322					La Brea Ave. & Water Dept. Rd to
Σ	241.173					reservoir.
−	6.549					L.A. City
T.P. #75	234.624					
+	3.717					
Σ	238.341					
−	7.408					
BM 1704910	230.933	/				BM 17-04910
+	1.206					La Brea Ave. & 1342' S of ℄ of
Σ	232.139					Veronica St. & ±750' N. of Water Dept.
−	9.452					Rd. to reservoir
T.P. #76	222.687					
+	1.667					
Σ	224.354					
−	7.857					
T.P. #77	216.497					
+	5.575					
Σ	222.072					
−	1.065	/				
T.P. #78	221.007	= PBM 76				PBM 76
						La Brea Ave. 450± Ft. N. Service Rd. to

76S420 353 3-51

PLEASE RETURN TO
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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #78	221.007	=PBM -76				
+	1.107					
π	222.114					
−	3.943					
T.P. #79	218.171	=PBM43				PBM43
+	0.220					La Brea Ave. 450± ft. N. of service Rd. to
π	218.391					Baldwin Hills Reservoir
−	6.726					
T.P. #80	211.665					
+	0.590					
π	212.255					
−	8.699					
T.P. #81	203.556					
+	0.913					
π	204.469					
−	8.296					
T.P. #82	196.173					
+	2.030					
π	198.203					
−	7.641					
T.P. #83	190.562					
+	2.087					
π	192.649					
−	7.703					
T.P. #84	184.946					
+	1.309					
π	186.255					
−	9.158					
T.P. #85	177.097	=PBM 176				PBM 176
						La Brea Ave. & Veronica St.

JOB NO. 030102 SURVEY OF LA Co. Precise Level Net NOTES RED.
SURVEY BY E. Brooks Le Gault DATE 5-26-61 NOTES CHKD. H.J. AMBE
NOTES BY Esquer DATE
INDEXED G.E. Ott DATE

F.B. 2852 PG. 140

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

DATE _____ SURVEY BY ~~F. E. Brooks~~ Le Gault

NOTES CHKD. H. J. AMBERS NOTES BY Esquer DATE 5-26-61

DATE _____ INDEXED H. E. OH DATE _____

F. B. 2852 PG. 141

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #85	177.097	1 = PBM 17				
+	1.368					
π	178.465					
−	8.832					
T.P. #86	169.633					
+	0.437					
π	170.070					
−	9.529					
T.P. #87	160.541					
+	0.857					
π	161.398					
−	9.317					
T.P. #88	152.081					
+	0.831					
π	152.912					
−	7.266					
T.P. #89	145.646					
+	1.858					
π	147.504					
−	8.709					
T.P. #90	138.795					
+	1.951					
π	140.746					
−	8.741					
T.P. #91	132.005					
+	2.657					
π	134.662					
−	7.484					
T.P. #92	127.178	1				

765420 353 3-51

76S420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #92	127.178	/				
+	3.338					
π	130.516					
−	7.543					
T.P. #93	122.973					
+	3.592					
π	126.565					
−	7.211					
T.P. #94	119.354					
+	3.501					
π	122.855					
−	7.063					
T.P. #95	115.792					
+	2.877					
π	118.669					
−	7.268					
T.P. #96	111.401					
+	3.303					
π	114.704					
−	7.354					
T.P. #97	107.350					
+	3.285					
π	110.635					
−	7.478					
T.P. #98	103.157					
+	3.539					
π	106.696					
−	6.128					
T.P. #99	100.568	/				

JOB NO. 0301.02 SURVEY OF LA. Co. Precise Level Net NOTES RED.
SURVEY BY ~~T. E. Brooks~~ Le Gault DATE 5-26-61 NOTES CAMBERS
NOTES BY ESQUER DATE
INDEXED ~~LE GAULT~~ DATE

F.B. 2852 PG. 142

NOTES RED. JOB NO. 0301.02 SURVEY OF LA. Co. Precise Level Net

DATE SURVEY BY ~~E. E. Brooks~~ Le Gault

NOTES CHKD. H. J. AMBERS NOTES BY Esquer DATE 5-26-61

DATE INDEXED H. E. Ott DATE

F. B. 2852 PG. 143

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #99	100.568					
+	4.870					
⊼	105.438					
−	5.665					
T.P. #100	99.773					
+	5.316					
⊼	105.089					
−	5.548					
T.P. #101	99.541					
+	5.377					
⊼	104.918					
−	6.281					
BM 27-53	98.637					BM 27-53 elev. = 98.653 per office La Brea. Ave. & Rodeo Rd. F.B. 1393-45

763420 S & E-353 4-54

F. B. 282 PG. 144

JOB NO. 0301.02 SURVEY OF I.A. Co. Precise Level Net — NOTES RED. —
SURVEY BY F. E. Brooks — DATE —
NOTES BY Esquer — DATE 5-26-61 — NOTES CHKD. H. J. AMBERS
INDEXED — DATE — DATE —

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

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

Survey of LA. Co. Precise Level Net
JN 0301.02 Tape Std oF
Surveyed by LeGault
Notes Esquer Date May 61
Indexed H. E. ON 1-2-61

F. B. 1852 Pg. 145

J.N. 0301.02

L.A.CO. PRECISE LEVEL NET

Auxilary line No. 5

BALDWIN HILLS SUBSIDENCE STUDY

Route

N. on La Brea Ave. from Slauson Ave. to Stocker St.

D.LeGault
R.R.Rodriguez
G.R.Esquer

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

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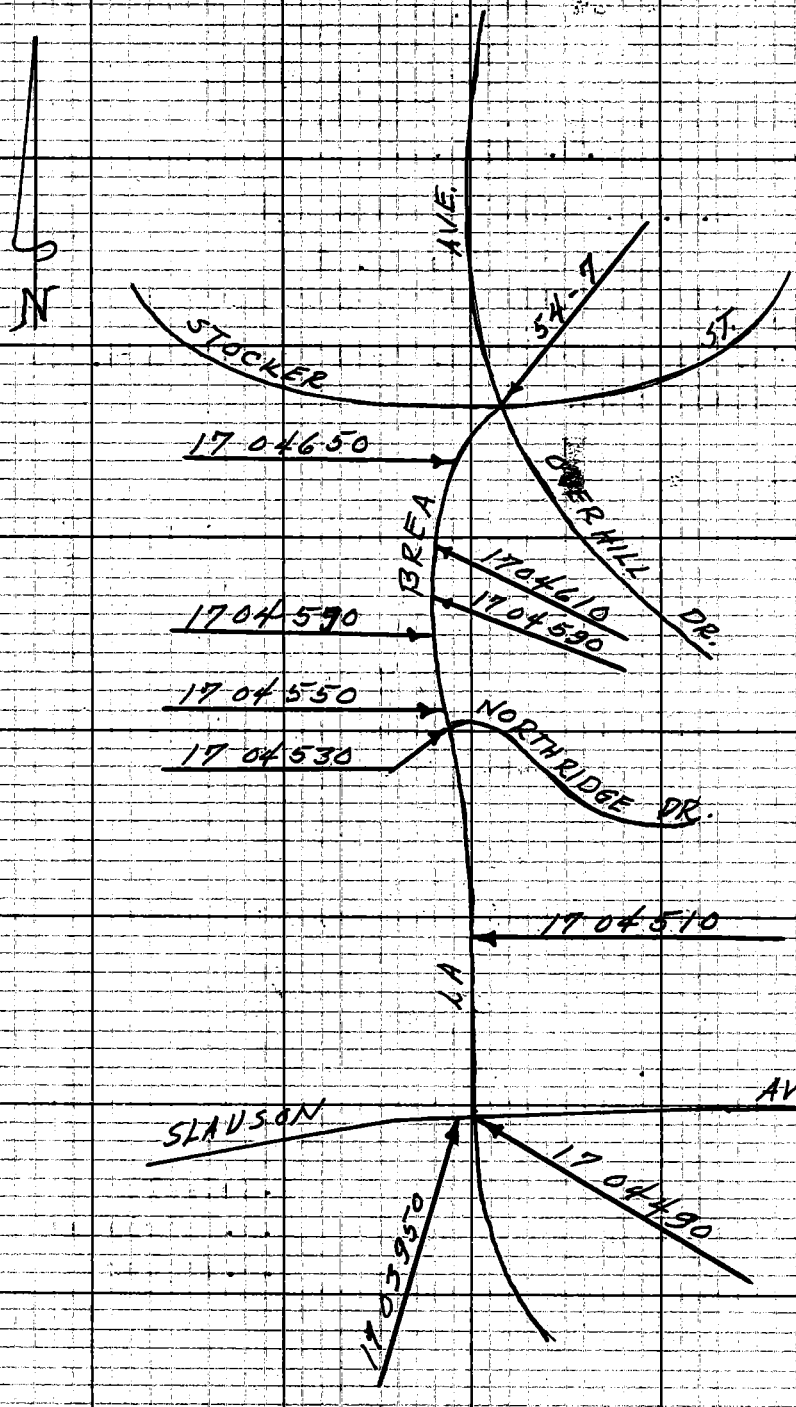
700 Los Angeles County Engineering Bldg.

763098 CE #247—7-59

F. B. 2852 PG. 146



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700 Los Angeles County Engineering Bldg.

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

DATE _____ SURVEY BY ~~E. E. Brooks~~ Le Gault

NOTES CHKD. H. J. AMBERS NOTES BY G. R. Fagner DATE 5-24-61

DATE _____ INDEXED _____ DATE _____

F. B. 2852 PG. 147

J. N. 0301.02

L. A. Co. Precise Level Net

LA BLCA

From - Slauson

to - Stoxyer

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.

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

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76S420 S & E-353 4-54

765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO 0304.02 SURVEY OF LA Co. Precise Level Net NOTES RED
SURVEY BY ~~F.E. Brook~~ Legault DATE
NOTES BY Esquer DATE 5-23-61 NOTES CHKD H. J. AMBE
INDEXED H. E. ~~OH~~ DATE DATE

F.B. 1852 PG. 148

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM17-03950	236.063					BM 17-03950 Elev. = 236.063 per pg 74 La Brea. Ave. & Slauson Ave. L.A. City
+	7.911					
⊼	243.974					
−	4.873					
BM17-04490	239.101	✓				BM 17-04490 La Brea Ave. & Slauson Ave. & intersection. L.A. City
+	6.927					
⊼	246.028					
−	1.943					
T.P. #1	244.085					
+	9.317					
⊼	253.402					
−	1.105					
T.P. #2	252.297					
+	9.577					
⊼	261.874					
−	1.305					
T.P. #3	260.569					
+	9.279					
⊼	269.848					
−	0.763					
T.P. #4	269.085					
+	9.517					
⊼	278.602					
−	1.083					
T.P. #5	277.519					
+	9.049					
⊼	286.568					
−	0.714					
T.P. #6	285.854	✓				

76S420 S & E-353 4-54

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Do not extend notes this side of this line

NOTES RED _____ JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net
DATE _____ SURVEY BY F. E. Brooks DATE 3-24-61
NOTES BY H. J. AMBERS NOTES BY ESQUER DATE _____
DATE _____ INDEXED H. E. OTT DATE _____

F. B. 2852 Pg. 139

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #6	285.854					
+	9.455					
π	295.309					
−	0.694					
T.P. #7	294.615					
+	9.192					
π	303.807					
−	2.450					
BM 17-04510	301.357	✓				BM 17-04510
+	8.687					La Brea Ave. 988' N. of Slauson Ave
π	310.044					L.A. City
−	2.169					
T.P. #8	307.875					
+	10.075					
π	317.950					
−	1.450					
T.P. #9	316.500					
+	9.822					
π	326.322					
−	0.999					
T.P. #10	325.323					
+	9.387					
π	334.710					
−	1.417					
T.P. #11	333.293					
+	10.648					
π	343.941					
−	0.418					
BM 17-04530	343.523	✓				BM 17-04530
						La Brea Ave. & Northridge Dr. on Curb

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 17-04530	343.523					BM 17-04530
+	6.817					La Brea Ave. & Northridge Dr. on Curb
⊼	350.340					L.A. City
−	6.533					
BM 17-04550	343.807					BM 17-04550
+	6.621					La Brea. Ave. & Northridge Dr.
⊼	350.428					L.A. City
−	1.935					
T.P. #12	348.493					
+	9.540					
⊼	358.033					
−	0.995					
T.P. #13	357.038					
+	10.644					
⊼	367.682					
−	1.573					
BM 1704570	366.109					BM 17-04570
+	7.987					La Brea Ave. 1212' S. of ℄ Overhill Dr.
⊼	374.096					L.A. City
−	2.254					
T.P. #14	371842					
+	9.657					
⊼	381.499					
−	1.048					
T.P. #15	380.451					
+	9.627					
⊼	390.078					
−	2.258					
T.P. #16	387.820					

F.B. 2852 PG. 150

JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net NOTES RED
SURVEY BY ~~T.E. Brooks~~ LeGault DATE
NOTES BY Esquer DATE 5-24-61 NOTES H. J. AMBERS
INDEXED H. E. OTT DATE DATE

769420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED _____ JOB NO. 0230.02 SURVEY OF LA. Co. Precise Level Net

DATE _____ SURVEY BY F.E. Brooks, L.E. Gray, H.E. Olin

NOTES BY H.J. AMBERS DATE 5-24-61

DATE _____ INDEXED _____ DATE _____

F.B. 2852 PG. 15[illegible]

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION.
T.P. #16	387.820					
+	9.233					
π	397.053					
−	1.908					
BM17-04590	395.145	✓				BM 17-04590
+	9.691					La Brea Ave., 826'S. of ℄ Overhill Dr
π	404.836					L.A. City
−	1.167					
T.P. #17	403.669					
+	9.330					
π	412.999					
−	0.722					
T.P. #18	412.277					
+	11.459					
π	423.736					
−	1.277					
BM 17-04610	422.459	✓				
+	10.218					BM 17-04610
π	432.677					La Brea Ave., 422'S. of ℄ Overhill Dr.
−	1.137					L.A. City
T.P. #19	431.540					
+	7.400					
π	438.940					
−	5.591	✓				
BM17-04650	433.349					BM 17-04650
+	6.119					La Brea Ave., 127'S. of ℄ Overhill Dr.
π	439.468					L.A. City
−	6.522					BM 54-7 Elev. = 432.954
BM 54-7	432.946	✓				La Brea Ave. & Overhill Dr. & Stocker St.
						F.B. 2433-13

elev. per Field Calc. madj.; Precise Level Net Line #54 →

F. B. 2852 Pg. 152

JOB NO. 0301.02 SURVEY OF LA. Co. Precise Level Net NOTES RED. _____

SURVEY BY F. E. Brooks LeGault DATE _____

NOTES BY Esquer DATE 5-24-61 NOTES Hand AMBE

INDEXED _____ DATE _____ DATE _____ DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

PLEASE RETURN TO

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Notes Ck'd by H. J. AMBERS | Survey of J.N. 0301.02 | L.A. Co. Precise Level Net | F. B. 2852 Pg. 153

Map No. | Tape | Std | °F.

Office Work | Surveyed by L.E. Gault

Checked | Notes Esquer Date May 61

Date | Indexed H. E. Ott JUN 1 2 '61

J.N.0301.02

L.A.CO. PRECISE LEVEL NET

Auxilary line No. 6

BALDWIN HILLS SUBSIDENCE STUDY

Route

N. on La Brea Ave. from Stocker St. to Dept. of Water and Power road to Baldwin Hills Reservoir.

D.LeGault
R.R.Rodriguez
G.R.Esquer

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

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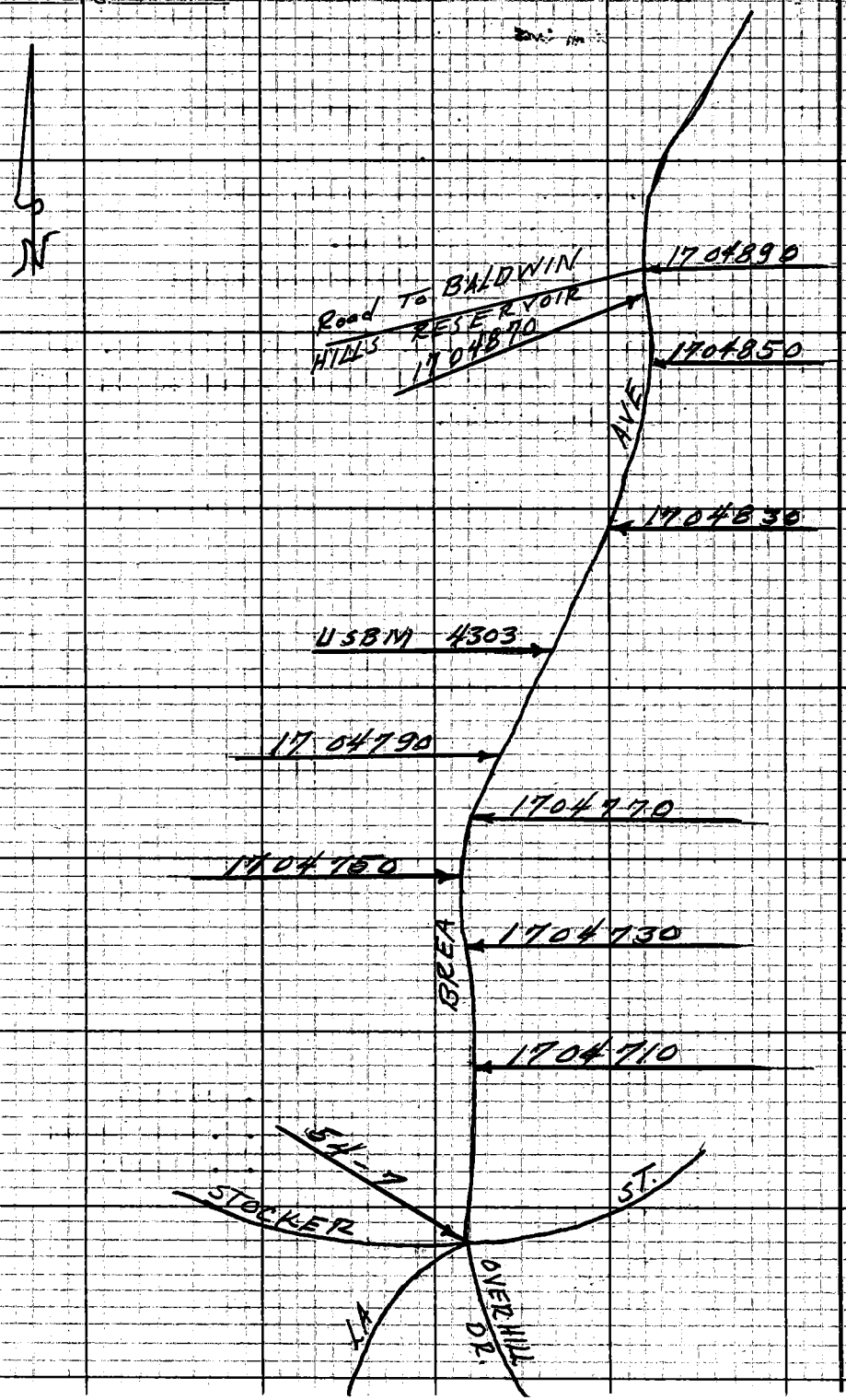
900 Los Angeles County Engineering Bldg.

763095 CE #247—7-58

F.B 2852 PG. 154



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

DATE SURVEY BY Le Gault

NOTES CHKD. H. J. AMBERS NOTES BY Esquer DATE 5-26-61

DATE INDEXED H. S. [illegible] DATE

F. B. 2852 PG. 156

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
J.N. 0301.02						
L. A. Co. Precise Level Net						
ON						
LA BLEA AVE						
FROM - 54-7 of STOCKEL & OVERHILL DR						
NORTH						
to - 17-04890 - on LA BLEA AVE.						

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

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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765420 S & E-353 4-54

765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 54-7	432.954					BM 54-7 elev. = 432.954
+	4.078					Stocker St. & La Brea Ave.
⊼	437.032					F.B. 2433-13
−	6.347					
T.P. #1	430.685					elev. per. field Calc. unadj.
+	5.365					Precise Level Net Line #54
⊼	436.050					
−	4.472					
T.P. #2	431.578					
+	5.771					
⊼	437.349					
−	3.546					
T.P. #3	433.803					
+	6.439					
⊼	440.242					
−	4.698					
BM 1704710	435.544					BM 17-04710
+	5.693					La Brea Ave. 776' N. of ℄ of Stocker St.
⊼	441.237					L.A. City
−	5.784					
T.P. #4	435.453					
+	3.649					
⊼	439.102					
−	7.133					
BM 1704730	431.969					BM 17-04730
+	2.761					La Brea Ave., 1189' N. of ℄ of Stocker St.
⊼	434.730					L.A. City
−	7.454					
T.P. #5	427.276					

JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net NOTES RED
SURVEY BY Le Gault DATE
NOTES BY Esquer DATE 5-26-61 NOTES CHKD H.L. AMBER
INDEXED L. Ott DATE DATE

F.B. 2852 PG. 156

76S420 S & E-353 4-54

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NOTES RED. JOB NO. 030102 SURVEY OF LA Co. Precise Level Net
DATE H. J. AMBERS SURVEY BY Le Gault
NOTES CHKD. NOTES BY Esquer DATE 5-26-61
DATE INDEXED H. E. Ott DATE

F. B. 2852 PG. 159

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #5	427.276					
+	3.077					
π	430.353					
−	6.924	✓				
BM 17-04750	423.429					BM 17-04750
+	1.304					La Brea Ave. 4712' S. of ℄ of Veronica St.
π	424.733					L.A. City
−	9.515					
T.P. #6	415.218					
+	0.972					
π	416.190					
−	10.174					
T.P. #7	406.016					
+	0.295					
π	406.311					
−	9.831					
T.P. #8	396.480					
+	0.327					
π	396.807					
−	9.643					
T.P. #9	387.164					
+	1.010					
π	388.174					
−	8.203	✓				
BM 17 04770	379.971					BM 17-04770
+	4.910					La Brea Ave. 4053' S. of ℄ of Veronica St.
π	384.881					L.A. City
−	3.850	✓				
T.P. #10	381.031					

F. B. 1852 PG. 45B

JOB NO. 0301.02 SURVEY OF LA. Co. Precise Level Net

SURVEY BY Le Gault DATE 5-26-61

NOTES BY Esquer DATE

INDEXED H. E. Ott DATE

NOTES RED

DATE

NOTES CHKD. H. J. AMBER

DATE

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #10	381.031					
+	4.208					
π	385.239					
−	7.299					
T.P. #11	377.940					
+	0.307					
π	378.247					
−	9.998					
T.P. #12	368.249					
+	0.235					
π	368.484					
−	10.171					
T.P. #13	358.313					
+	0.260					
π	358.573					
−	9.947					
T.P. #14	348.626					
+	0.423					
π	349.049					
−	9.033					
T.P. #15	340.016					
+	3.300					
π	343.316					
−	6.519					
BM 17-04790	336.797					BM 17-04790
+	2.784					La Brea Ave. 3447' S. of ℄ of Veronica St.
π	339.581					L.A. City
−	7.629					
T.P. #16	331.952					

769420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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NOTES RED _____ JOB NO 0301.02 SURVEY OF L.A. Co. Precise Level Net
DATE _____ SURVEY BY Le Gault
NOTES CHKD. H.J. AMBERG NOTES BY Esquer DATE 5-31-61
DATE _____ INDEXED H. E. OM DATE _____

F. B. 2852 PG. 459

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #16	331.952					
+	0.953					
π	332.905					
−	8.958					
T.P. #17	323.947					
+	4.320					
π	328.267					
−	7.109					
BM US 4303	321.158	✓				BM US 4303 & BM L7.04810
+	2.279					La Brea Ave., ± 300 S. of ℄ of Veronica St.
π	323.437					L. A. City BM
−	9.272					
T.P. #18	314.165					
+	3.503					
π	317.668					
−	7.332					
BM 17-04830	310.336	✓				BM 17-04830
+	3.454					La Brea Ave. 2936' S. of ℄ of Veronica St.
π	313.790					L. A. City
−	8.494					
T.P. #19	305.296					
+	1.538					
π	306.834					
−	8.981					
T.P. #20	297.853					
+	1.394					
π	299.247					
−	9.367					
T.P. #21	289.880	✓				

F. B. 2852 PG. 160

JOB NO. 03462 SURVEY OF L.A. Co. Precise Level Net NOTES RED

SURVEY BY LeGault DATE

NOTES BY Esquer DATE 5-31-61 NOTES CHKD H. J. AMBER

INDEXED H. E. OTT DATE

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #21	289.880					
+	0.921					
π	290.801					
−	9.207					
T.P. #22	281.594					
+	1.779					
π	283.373					
−	8.367					
T.P. #23	275.006					
+	3.623					
π	278.629					
−	7.850					
BM 17-04850	270.779					BM 17-04850
+	3.387					La Brea Ave. 2142' S. of ℄ of Veronica St.
π	274.166					L. A. City
−	8.274					
T.P. #24	265.892					
+	0.952					
π	266.844					
−	9.109					
T.P. #25	257.735					
+	2.139					
π	259.874					
−	8.763					
BM 17-04870	251.111					BM 17-04870
+	2.305					La Brea Ave., 1739' S. of ℄ of Veronica St.
π	253.416					L. A. City
−	8.372					
T.P. #26	245.044					

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

F. B. 2852 PG. 161

DATE SURVEY BY Le Gault

NOTES CHKD. H. J. AMBERS NOTES BY ESQUER H. E. on DATE 5-31-61

DATE INDEXED DATE

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #26	245.044					BM-17-04890 ℄ Elev. = 239.851 Per Pg. 139
+	2.468					La Brea Ave. & Water Dept. Rd. to
⊼	247.512					reservoir.
−	7.641					L.A. City
BM17-04890	239.871					

F. B. 2852 PG. 162

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

SURVEY BY LeGault DATE _____

NOTES BY Esquer DATE 5-31-61 NOTES CHKD AMBER

INDEXED _____ DATE _____ DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Notes Ck'd by H. J. AMBERS | Survey of L.A. Co. Precise Level Net | F. B. 2852 Pg. 163

Map No. | JN 0301.02 | Tape | Std. | °F

Office Work | Surveyed by F. E. Brooks

Checked | Notes H.E QH | Date

Date | Indexed JUN 1 2 '61

J.N. 0301.02

L.A.CO. PRECISE LEVEL NET

Pickup of odd B.M.s

BALDWIN HILLS SUBSIDENCE STUDY

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

763096 CE #247 7-53

F. B. 1852 PG. 114

Pickup of B.M. M 1
B.M. 17 03950 to B.M. M 1 pg. 165

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DATE _____ SURVEY BY F. E. Brooks

NOTES CHKD. H. J. AMBERS CLOSES BY Esquer DATE 6-1-61

DATE _____ INDEXED H. E. Ott DATE _____

F.B. 2852 PG. 165

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 17 03950	236.063					BM 17-03950 elev. 236.063 per pg. 74
+	3.954					Slauson Ave. & La Brea Ave
π	240.017					L.A. City
−	7.038	/				
BM M-1	232.979					
+	7.098					BM M-1
π	240.077					Slauson Ave. 525' W. of Mansfield Dr.
−	4.014	/				L.B. 302-197
BM 17 03950	236.063					BM 17-03950 elev. 236.063 per pg. 74
						Slauson Ave & La Brea Ave.
						L.A. City

768420 353 3-51

F. B. 2852 PG. 166

JOB NO.______ SURVEY OF______ NOTES RED.______

SURVEY BY______ DATE______

NOTES BY______ DATE______ NOTES CHKD.______

INDEXED______ DATE______ DATE______

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

Do not extend notes this side of this line

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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765420 853 8-51

Notes Ck'd by H. J. AMBERS	Survey of L.A. Co. Precise Level Net	F.B. 2852 Pg. 167
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date June 61	
Date	Indexed H. E. On JAN 12 '61	

J.N. 0301.02

L.A.CO. PRECISE LEVEL NET

Tie line No. 1

BALDWIN HILLS SUBSIDENCE STUDY

Route

W. from Padilla Pl. along N. side of the Baldwin Hills Reservoir to the L.A.City Dept. of Water and Power towers then N. to edge of bluff. Return by the same route.

F.E.Brooks
D.LeGault
R.R.Rodriguez
P.A.Latteri
G.R.Esquer

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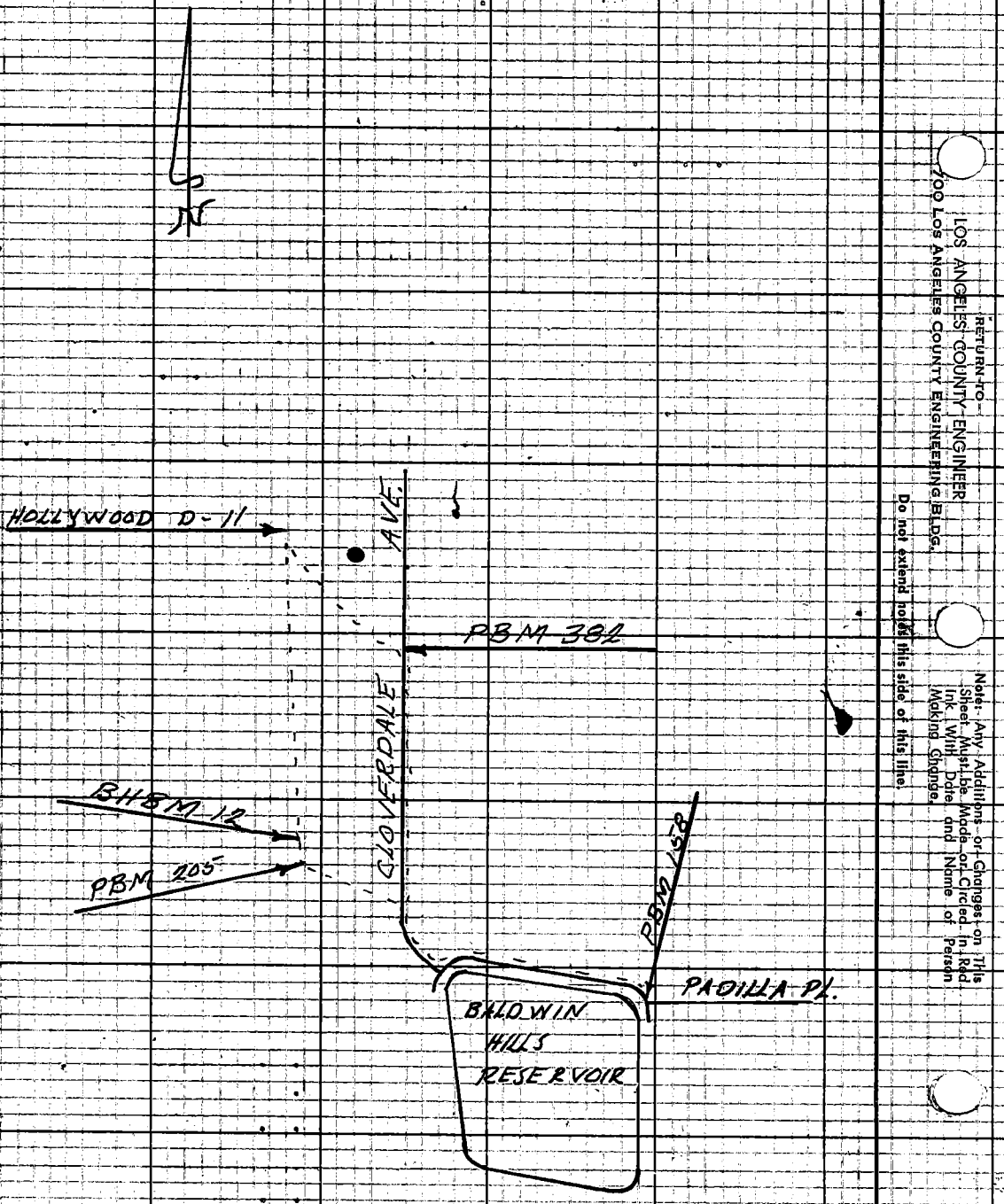
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247 7-53

F. B. 2852 PG. 168



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76S420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P.B.M. 158	481.499					PBM 158 Elev 481.499 per pg 134
+	5.013					on N.E. Cor. of Baldwin Hills
⊼	486.512					Reservoir at Padilla Pl.
−	4.726					See F.B. 2853 - 126
T.P. #1	481.786					
+	4.253					
⊼	486.039					
−	4.461					
T.P. #2	481.578					
+	4.580					
⊼	486.158					
−	4.491					
T.P. #3	481.667					
+	4.633					
⊼	486.300					
−	4.448					
T.P. #4	481.852					
+	4.541					
⊼	486.393					
−	4.524					
T.P. #5	481.869					
+	3.383					
⊼	485.252					
−	5.349					
T.P. #6	479.903					
+	7.079					
⊼	486.982					
−	2.204					
T.P. #7	484.778					

NOTES RED. _____ JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net
DATE _____ SURVEY BY _____ F. E. Brooks
NOTES CHKD. H. J. AMBERS NOTES BY R. H. E. Ott DATE June 1, 1961
DATE _____ INDEXED _____ DATE _____

F.B. 2857 PG. 169

76S420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #7	484.778					
+	11.229					
⊼	496.007					
−	1.219					
P.B.M. 205	494.788	✓				P.B.M. 205 N.W. of Baldwin
+	6.697					Hill's Reservoir. F.B. 2853-131
⊼	501.485					
−	4.006					
B.H.B.M. 112	497.479	✓				B.H.B.M. 112 N.W. of Baldwin
+	9.856					Hill's Reservoir. F.B. 2853-131
⊼	507.335					
−	1.211					
T.P. #8	506.124					
+	7.307					
⊼	513.431					
−	3.283					
T.P. #9	510.148					
+	4.684					
⊼	514.832					
−	6.511					
T.P. #10	508.321					
+	1.577					
⊼	509.898					
−	7.874					
T.P. #11	502.024					
+	5.300					
⊼	507.324					
−	6.566					
Hollywood D-11	500.758	✓				Hollywood D-11 N.W. of
						Baldwin Hill's Reservoir F.B. 2853-131

JOB NO. 0301.02 SURVEY OF LA. Co. Precise Level Net NOTES RED.
SURVEY BY F. E. Brooks DATE
NOTES BY P. Latteri DATE June 1, 1961 NOTES CHKD. H. J. AMBE
INDEXED G. E. [illegible] DATE DATE

F. B. 2852 PG. 170

766420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Hollywood D-11	500.758					Hollywood D-11 N. Ld. of
+	0.413					Baldwin Hill's Reservoir F.B. 2853-
⊼	501.171					131
−	11.498					
T.P. # 12	489.673					
+	0.922					
⊼	490.595					
−	10.916					
T.P. # 13	479.679					
+	0.402					
⊼	480.081					
−	8.547					
T.P. # 14	471.534					
+	2.314					
⊼	473.848					
−	8.938					
P.B.M. 382	464.910	✓				P.B.M. 382 N. Ld. of Baldwin
+	6.631					Hill's Reservoir F.B. 2853 - 131
⊼	471.541					
−	2.283					
T.P. # 15	469.258					
+	6.707					
⊼	475.965					
−	2.561					
T.P. # 16	473.404					
+	6.404					
⊼	479.808					
−	2.587					
T.P. # 17	477.221	✓				

NOTES RED. _____ JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD. H. J. AMBERS TES BY P. Latteri DATE June 1, 1961
DATE _____ INDEXED H. E. OTT DATE _____

F.B. 2852 PG. 171

76S420 353 3-51

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net NOTES RED.
SURVEY BY F. E. Brooks DATE
NOTES BY P. Latteri DATE June 1, 1961 NOTES CHKD. H. J. AMBE
INDEXED H. E. OTT DATE DATE

F.B. 2852 PG. 172

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #17	477.221					
+	6.263					
⊼	483.484					
−	3.792					
T.P. #18	479.692					
+	6.519					
⊼	486.211					
−	4.501					
T.P. #19	481.710					
+	4.472					
⊼	486.182					
−	4.344					
T.P. #20	481.838					
+	4.504					
⊼	486.342					
−	4.702					
T.P. #21	481.640					
+	4.379					
⊼	486.019					
−	4.385					
T.P. #22	481.634					
+	4.479					
⊼	486.113					
−	4.211					
T.P. #23	481.902					
+	4.677					
⊼	486.579					elev. per pg. 134
−	5.081					
P.B.M. 158	481.498					P.B.M. 158 Elev. 481.499 See F.B. 2852-169 For Description

Notes Ck'd H. J. AMBERS	Survey of L.A. Co. Precise Level Net	F.B. 2852 Pg. 173	
Map No.	J.N. 0301.02 Tape Std. o.F.		
Office Work	Surveyed by F. E. Brooks		
Checked	Notes F. E. Brooks Date 7 June 61		
Date	Indexed H. E. On JUN 12 61		

J.N. 0301.02

L.A.CO. PRECISE LEVEL NET

Tie line No. 2

BALDWIN HILLS SUBSIDENCE STUDY

Route

S. from B.M. 54-10 along a paved road in Std. Oil Co. oil field to mark and return along same route.

F.E.Brooks
D.LeGault
R.R.Rodriguez
P.A.Latteri
G.R.Esquer

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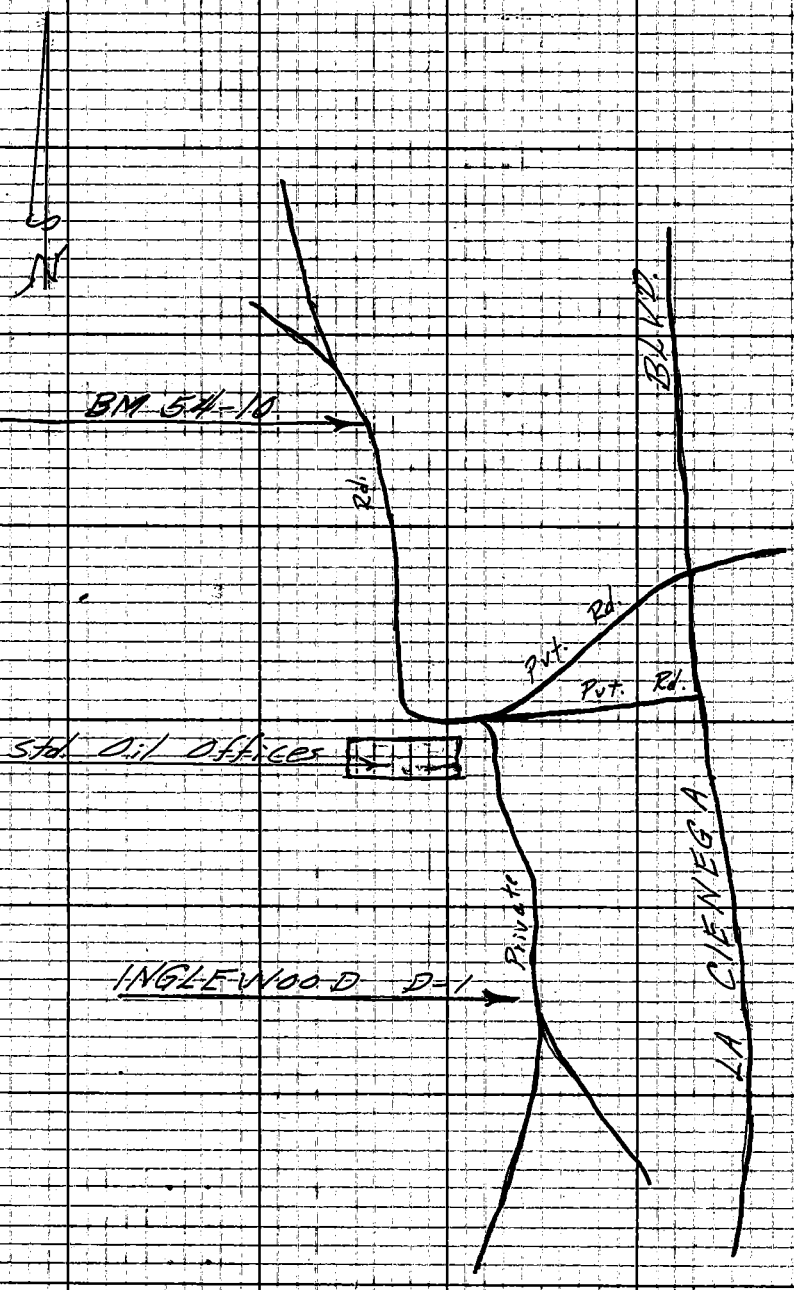
700 Los Angeles County Engineering Bldg.

763095 CE #247 7-55

F.B. 2852 PG. 174



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 54-10	405.181					BM 54-10 Elev. 405.181
+	1.395					Std. oil well # Vickers 1, 35
⊼	406.576					
−	5.998					Elev. field calc. unadj. Precise
T.P. #1	400.578					Level Net Line #54
+	4.151					
⊼	404.729					
−	6.824					
TP # 2	397.905					
+	1.088					
⊼	398.993					
−	7.525					
T.P. # 3	391.468					
+	3.923					
⊼	395.391					
−	3.077					
TP # 4	392.314					
+	4.731					
⊼	397.045					
−	8.112					
TP # 5	388.933					
+	2.247					
⊼	391.180					
−	9.487					
T.P. # 6	381.693					
+	0.270					
⊼	381.963					
−	11.786					
TP # 7	370.177					

NOTES RED ____ JOB NO. 0341.02 SURVEY OF LA. Co. Precise Level Net
DATE ____ SURVEY BY E. E. Brooks
NOTES CHKD. H. J. AMBERS NOTES BY P. Lottari DATE June 7, 1961
DATE ____ INDEXED B. E. ON DATE ____

F. B. 2052 PG. 145

F. B. 2852 PG. 176

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

SURVEY BY F. E. Brooks DATE

NOTES BY P. Lattery DATE June 7, 1961 NOTES H. J. AMBE

INDEXED n. E. Ott DATE DATE

765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #7	370.177					
+	7.837					
⊼	378.014					
−	4.011					
T.P. #8	374.003					
+	9.192					
⊼	383.195					
−	4.982					
T.P. #9	378.213					
+	4.859					
⊼	383.072					
−	11.642					
T.P. #10	371.430					
+	1.752					
⊼	373.182					
−	3.973					
T.P. #11	369.209					
+	7.711					
⊼	376.920					
−	1.868					
T.P. #12	375.052					
+	7.378					
⊼	382.430					
−	3.705					
Inglewood D-1	378.725					Inglewood D-1 0.2 mi. S. of Standard Oil Co. office's F.B. 2853-133

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Inglewood D-1	378.725					Inglewood D-1 0.2 mi. S.
+	3.588					of Standard Oil Co. office's
⊼	382.313					F.B. 2853-133
−	7.259					
T.P. #13	375.054					
+	1.640					
⊼	376.694					
−	7.481					
T.P. #14	369.213					
+	3.940					
⊼	373.153					
−	1.717					
T.P. #15	371.436					
+	11.623					
⊼	383.059					
−	4.844					
T.P. #16	378.215					
+	4.867					
⊼	383.082					
−	9.078					
T.P. #17	374.004					
+	4.104					
⊼	378.108					
−	7.932					
T.P. #18	370.176					
+	11.948					
⊼	382.124					
−	0.428					
T.P. #19	381.696					

NOTES RED ____ JOB NO. 0301.02 SURVEY OF LA. Co. Precise Level Net
DATE ____ SURVEY BY F. E. Brooks
NOTES CHKD. H. J. AMBERS NOTES BY D. Latteri DATE June 7, 1961
DATE ____ INDEXED B. E. Ott DATE ____

F. B. 2852 PG. 177

F. B. 280 Pg. 178

JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net NOTES RED
SURVEY BY F. E. Brooks DATE
NOTES BY P. Latteri DATE June 7, 1961 NOTES CHKD. H. J. AMBER
INDEXED H. E. OTT DATE DATE

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #19	381.696					
+	9.591					
⊼	391.287					
−	2.352					
T.P. #20	388.935					
+	8.222					
⊼	397.157					
−	4.839					
T.P. 21	392.318					
+	3.118					
⊼	395.436					
−	3.966					
T.P. #22	391.470					
+	7.509					
⊼	398.979					
−	1.067					
T.P. #23	397.912					
+	6.948					
⊼	404.860					
−	4.276					
T.P. #24	400.584					
+	6.483					
⊼	407.067					
−	1.879					
B.M. 54-10	405.188					B.M. 54-10 Elev. 405.181 Std. oil well # Vickers 1, 35
						Elev. field calc. unadj. Precise Level Net Line # 54

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

Survey of L.A. Co. Precise Level Net
JN 0301.02 Page Std. 1°F
Surveyed by F. E. Brooks
Notes F. E. Brooks Date June 61
Indexed H. E. on JUN 12 61

F. B. 2852 Pg. 179

J.N. 0301.02

L.A.CO. PRECISE LEVEL NET

Tie line No. 3

BALDWIN HILLS SUBSIDENCE STUDY

Route

N. from B.M. 54-11 along a paved road on the top of a ridge to the Hughes Aircraft Test Station and return along the same route.

F.E. Brooks
D.LeGault
R.R.Rodriguez
P.A.Latteri
G.R.Esquer

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

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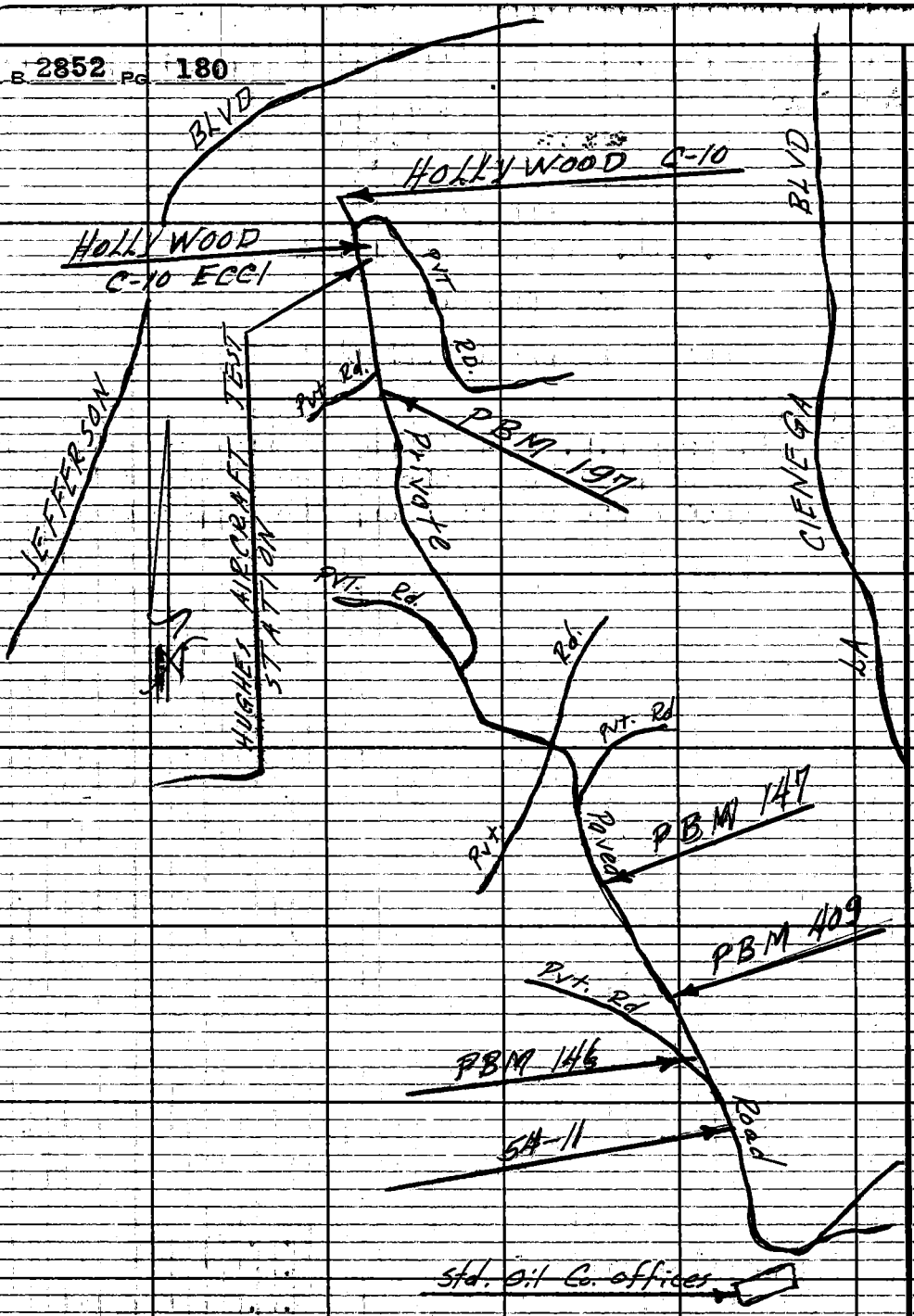
76F3095 SAE #247 1-58

F.B. 2852 PG. 180



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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. 54-11	407.496					B.M. 54-11 Standard oil
+	3.009					Vickers #1,36 Elv. 407.496
⊼	410.505					
−	5.853					Elev. per field Calc. on undadj
T.P. #1	404.652					Persise Level Line #54
+	4.168					
⊼	408.820					
−	6.418					
P.B.M. 146	402.402					P.B.M. 146 0.3 mi. N. of
+	2.234					Standard oil offices.
⊼	404.636					F.B. 2853-134
−	8.491					
T.P. #2	396.145					
+	5.921					
⊼	402.066					
−	1.076					
T.P. #3	400.990					
+	10.007					
⊼	410.997					
−	6.382					
P.B.M. 409	404.615					P.B.M. 409 0.4 mi. N. of
+	4.340					Standard oil offices
⊼	408.955					F.B. 2853-134
−	8.477					
T.P. #4	400.478					
+	1.705					
⊼	402.183					
−	1.944					
T.P. #5	400.239					

NOTES RED. JOB NO. 0301.02 SURVEY OF LA Co. Precise Level Net
DATE SURVEY BY F. E. Brooks
NOTES CHKD. H. J. AMBERS NOTES BY P. Latteri DATE June 7, 1961
DATE INDEXED H. E. Orr DATE

F.B. 2852 PG. 181

F. B. 2852 PG. 182

JOB NO. 0301.02 SURVEY OF LA. Co. Precise Level Net NOTES RED

SURVEY BY F. E. Brooks DATE

NOTES BY P. Lattari DATE June 7, 1961 NOTES CHKD. H. L. AMBE

INDEXED H. E. OH DATE DATE

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #5	400.239					
+	10.236					
⊼	410.475					
−	5.905					
P.B.M. 147	404.570					P.B.M. 147 0.45 mi. N. of
+	9.942					Standard Oil Office's
⊼	414.512					F.B. 2853 − 134
−	4.943					
T.P. #6	409.569					
+	0.767					
⊼	410.336					
−	11.897					
T.P. #7	398.439					
+	1.238					
⊼	399.677					
−	8.451					
T.P. #8	391.226					
+	0.600					
⊼	391.826					
−	11.398					
T.P. #9	380.428					
+	0.664					
⊼	381.092					
−	8.408					
T.P. #10	372.684					
+	2.892					
⊼	375.576					
−	1.508					
T.P. #11	374.068					

769420 353 3-51

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

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

Do not extend notes this side of this line

NOTES RED. _____ JOB NO. 0201.02 SURVEY OF LA Co. Precise Level Net
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD. H. J. AMBERS NOTES BY P. Lattey DATE June 7, 1961
DATE _____ INDEXED H. E. ON DATE _____

F. B. 1852 PG. 183

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.# 11	374.068					
+	10.172					
=	384.240					
−	0.813					
T.P.# 12	383.427					
+	9.978					
=	393.405					
−	1.137					
T.P.# 13	392.268					
+	8.622					
=	400.890					
−	0.301					
T.P.# 14	400.589					
+	10.494					
=	411.083					
−	2.639					
T.P.# 15	408.444					
+	1.732					
=	410.176					
−	2.528					
T.P.# 16	407.648					
+	0.761					
=	408.409					
−	10.897					
T.P.# 17	397.512					
+	0.859					
=	398.371					
−	6.510	/				
TP# 18	391.861					

76S420 353 3-51

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #18	391.861					
+	4.082					
⊼	395.943					
−	5.638					
T.P. #19	390.305					
+	3.655					
⊼	393.960					
−	3.092					
T.P. #20	390.868					
+	9.511					
⊼	400.379					
−	1.321					
T.P. 21	399.058					
+	9.475					
⊼	408.533					
−	0.917					
T.P. 22	407.616					
+	9.613					
⊼	417.229					
−	9.268					
P.B.M. 197	407.961	✓				P.B.M. 197 0.9 mi. N of
+	11.592					Standard Oil offices.
⊼	419.553					F.B. 2853-136
−	2.590					
T.P. 23	416.963					
+	4.983					
⊼	421.946					
−	7.162					
T.P. 24	414.784	✓				

F.B. 2852 PG. 184

JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net NOTES RED.
SURVEY BY F. E. Brooks DATE
NOTES BY P. Latteri DATE June 7, 1961 NOTES CHECKED H. L. AMBER
INDEXED H. E. OTT DATE DATE

765420 353 3-51

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

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #24	414.784					
+	5.298					
⊼	420.082					
−	1.600					
T.P. #25	418.482					
+	8.038					
⊼	426.520					
−	5.528					
T.P. #26	420.992					
+	4.812					
⊼	425.804					
−	0.701					
T.P. #27	425.103					
+	5.153					
⊼	430.256					
−	4.908					
Hollywood C-10 Ecc-1	425.348					Hollywood C-10 Ecc-1 Hughes
+	1.524					Aircraft Testing Station.
⊼	426.872					F.B. 2853-137
−	9.972					
T.P. #28	416.900					
+	6.362					
⊼	423.262					
−	5.639					
T.P. #29	417.623					
+	4.897					
⊼	422.520					
−	3.353					
Hollywood C-10	419.167					Hollywood C-10 Hughes
						Aircraft Testing Station.

NOTES RED. JOB NO. 0301.02 SURVEY OF LA Co. Precise Level Net
DATE SURVEY BY F. E. Brooks
NOTES CHKD. H. J. AMBERS NOTES BY P. Latteri DATE June 7, 1961
DATE INDEXED H. E. OTT DATE

F.B. 2852 PG. 185

76S420 353 3-51

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Hollywood C-10	419.167					Hollywood C-10 Hughes
+	3.337					Aircraft Testing Station
⊼	422.504					F.B. 2853-137
−	4.879					
T.P. 30	417.625					
+	5.611					
⊼	423.236					
−	6.334					
T.P. 31	416.902					
+	10.013					
⊼	426.915					
−	1.564					
Hollywood C-10 Ecc. 1	425.351					Hollywood C-10 Ecc.-1 Hughes
+	4.893					Aircraft Testing Station
⊼	430.244					F.B. 2853-137
−	5.139					
T.P. 32	425.105					
+	0.517					
⊼	425.622					
−	4.628					
T.P. 33	420.994					
+	5.497					
⊼	426.491					
−	8.006					
T.P. 34	418.485					
+	1.603					
⊼	420.088					
−	5.302					
T.P. 35	414.786					

LA. Co. Precise Level Net

JOB NO. 0301.02 SURVEY OF F. E. Brooks NOTES RED

SURVEY BY P. Lattari DATE June 7, 1961 DATE H. J. AMBER

NOTES BY DATE NOTES CHKD.

INDEXED H. E. OTT DATE DATE

F.B. 2852 PG. 186

76S420 353 3-51

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #35	414.786					
+	6.880					
⊼	421.666					
−	4.701					
T.P. #36	416.965					
+	2.760					
⊼	419.725					
−	11.761					
P.B.M. 197	407.964					P.B.M. 197 0.9 mi. N of
+	9.078					Standard oil offices.
⊼	417.042					F.B. 2853-136
−	9.425					
T.P. #37	407.617					
+	0.913					
⊼	408.530					
−	9.472					
T.P. #38	399.058					
+	1.311					
⊼	400.369					
−	9.503					
T.P. #39	390.866					
+	2.978					
⊼	393.844					
−	3.541					
T.P. #40	390.303					
+	5.522					
⊼	395.825					
−	3.967					
T.P. 41	391.858					

NOTES RED. _____ JOB NO. 0301.02 SURVEY OF F. E. Brooks
DATE _____ SURVEY BY _____
NOTES CHKD. H. J. AMBERS NOTES BY P. Lattari DATE June 3, 1964
DATE _____ INDEXED H. E. ON DATE _____

LA Co. Precise Level Net

F.B. 2852 PG. 187

76S420 353 3-51

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #41	391.858					
+	6.288					
π	398.146					
−	0.636					
T.P. #42	397.510					
+	10.962					
π	408.472					
−	0.828					
T.P. #43	407.644					
+	2.473					
π	410.117					
−	1.681					
T.P. #44	408.436					
+	2.377					
π	410.813					
−	10.233					
T.P. #45	400.580					
+	0.262					
π	400.842					
−	8.581					
T.P. #46	392.261					
+	1.028					
π	393.289					
−	9.868					
T.P. #47	383.421					
+	0.746					
π	384.167					
−	10.105					
T.P. #48	374.062					

LA. Co. Precise Level Net

JOB NO. 0301.02 SURVEY OF F. E. Brooks NOTES RED.

SURVEY BY P. Cattari DATE June 7, 1961 NOTES CHKD. H. L. AMBE

NOTES BY P. Cattari DATE June 7, 1961 NOTES CHKD. H. L. AMBE

INDEXED H. E. OTT DATE

F. B2852 PG. 188

76S420 S & E-353 4-54

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #48	374.062					
+	1.534					
⊼	375.596					
−	2.918					
T.P. #49	372.678					
+	8.465					
⊼	381.143					
−	0.720					
T.P. #50	380.423					
+	11.310					
⊼	391.733					
−	0.512					
T.P. #51	391.221					
+	8.639					
⊼	399.860					
−	1.424					
T.P. #52	398.436					
+	11.971					
⊼	410.407					
−	0.841					
T.P. #53	409.566					
+	5.014					
⊼	414.580					
−	10.011					
P.B.M. 147	404.569					P.B.M 147 0.45 mi. N. of
+	5.787					Standard oil offices
⊼	410.356					F.B. 2853-134
−	10.118					
T.P. #54	400.238					

NOTES RED ____ JOB NO. 0301.02 SURVEY OF LA Co. Precise Level Net
DATE ____ SURVEY BY ____ R.E. Brooks
NOTES CHKD. H. J. AMPERE NOTES BY D. Latteri DATE June 8, 1961
DATE ____ INDEXED ____ R.E. ON DATE ____

F.B. 2857 PG. 189

F. B. 2852 PG. 190

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

SURVEY BY E. E. Brooks DATE

NOTES BY P. Latteri DATE June 8, 1961 NOTES CHKD H. L. AMBER

INDEXED H. E. ON DATE

765420 S & E-353 4-54

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

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #54	400.238					
+	1.988					
⊼	402.226					
−	1.748					
T.P. #55	400.478					
+	8.462					
⊼	408.940					
−	4.323					
P.B.M. 409	404.617					P.B.M. 409 0.4 mi. N. of Standard oil offices. F.B. 2853-134
+	6.859					
⊼	411.476					
−	10.484					
T.P. #56	400.992					
+	1.073					
⊼	402.065					
−	5.919					
T.P. #57	396.146					
+	8.409					
⊼	404.555					
−	2.152					
T.B.M. 146	402.403					T.B.M. 146 0.3 mi. N. of Standard oil offices. F.B. 2853-134
+	6.340					
⊼	408.743					
−	4.090					
T.P. #58	404.653					
+	5.856					
⊼	410.509					
−	3.013					
B.M. 54-11	407.496					B.M. 54-11 Standard oil Vickers #1, 36 Elev. 407.496 Elev. per [illegible]

Notes Ck'd by H. J. AMBERG	Survey L.A. Co. Precise Level Net		F.B. 2852 Pg. 191
Map No.	JN 0301.02	Tape Std.	of F
Office Work	Surveyed by F. E. Brooks		
Checked	Notes F. E. Brooks	Date June 61	
Date	Indexed H. E. on	JUN 12 '61	

J.N. 0301.02

L.A.CO. PRECISE LEVEL NET

Auxilary line No. 7

BALDWIN HILLS SUBSIDENCE STUDY

Route

S on Overland Ave. from Jefferson Blvd. to Northgate St. E on Northgate St. to Drakewood Ave. S on Drakewood Ave. to Flaxton St. E on Flaxton St to Youngworth Rd. E up the hill to the water reservoir, NE along a private road to the Std. Oil Co. offices. Then SE along private roads to the intersection of La Cienega Blvd. and Stocker St.

F.E. Brooks
D.LeGault
R.R. Rodriguez
P.A.Latteri
G.R. Esquer

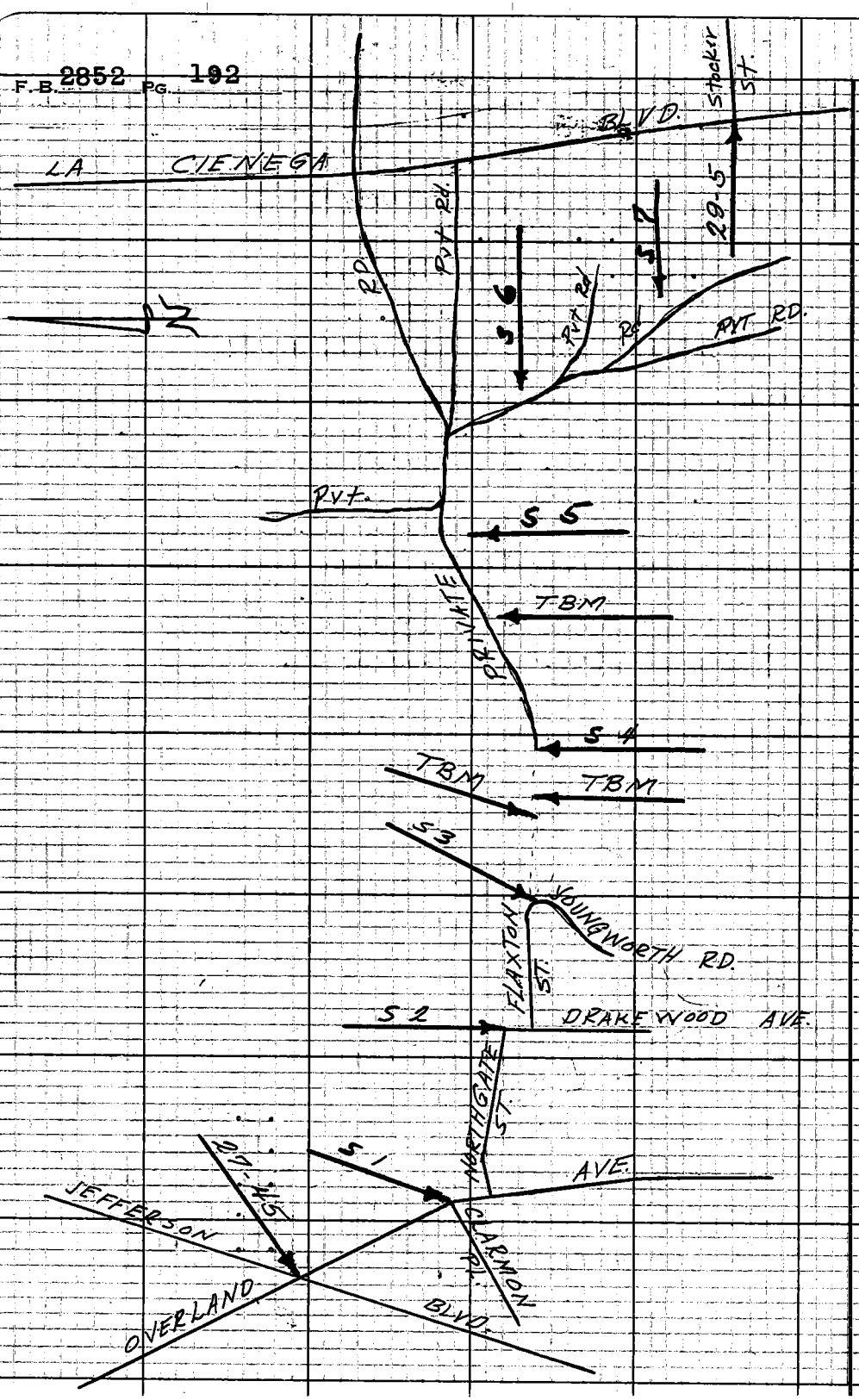
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change!

Do not extend notes this side of hilt line.

RETURN TO LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247—7-55

F.B. 2852 PG. 192



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

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76S420 S & E-353 4-54

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

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M.-27-45	48.008					B.M. 27-45 Jefferson Blvd &
+	5.371					Overland Ave F.B. 1393-37
⊼	53.379					Elev. 48.008 per office
−	4.076					
T.P. #1	49.303					
+	5.211					
⊼	54.514					
−	4.916					
T.P. #2	49.598					
+	5.463					
⊼	55.061					
−	4.971					
T.P. #3	50.090					
+	5.233					
⊼	55.323					
−	4.486					
T.P. #4	50.837					
+	5.173					
⊼	56.010					
−	3.899					
T.P. #5	52.111					
+	6.420					
⊼	58.531					
−	1.773					
B.M. S-1	56.758					B.M. S-1 Overland Ave &
+	6.951					Clarmon Pl. F.B. 1155-153
⊼	63.709					
−	3.752					
T.P. #6	59.957					

NOTES RED _____ JOB NO. 0301.02 SURVEY OF LA. Co. Precise Level Net
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD. H. J. AMBERS INDEXED BY P. Latteri DATE June 8, 1961
DATE _____ INDEXED H. E. OTT DATE _____

F.B. 2852 PG. 193

765420 5 & E-353 4-54

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO 3301.02 SURVEY OF LA Co. Precise Level Net NOTES RED
SURVEY BY F.E. Brooks DATE
NOTES BY D. Latteri DATE June 8, 1961 NOTES CHKD. H.J. AMB
INDEXED H.E. Ott DATE

F.B. 2852 Pg. 194

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.# 6	59.957					
+	6.539					
=	66.496					
-	0.841					
T.P.# 7	65.655					
+	8.989					
=	74.644					
-	1.623					
T.P.# 8	73.021					
+	8.931					
=	81.952					
-	1.582					
T.P.# 9	80.370					
+	8.659					
=	89.029					
-	2.261					
T.P.# 10	86.768					
+	9.073					
=	95.841					
-	1.860					
T.P.# 11	93.981					
+	9.029					
=	103.010					
-	1.359	✓				
B.M. S-2	102.051					B.M. S-2 Northgate St. & Darkwood Ave F.B. 1155-154
+	8.233					
=	110.284					
-	3.986	✓				
T.P.# 12	106.298					

76S420 S & E-353 4-54

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED _____ JOB NO. 0301.02 SURVEY OF LA. Co. Precise Level Net
DATE H. J. AMBERS SURVEY BY F. E. Brooks
NOTES CHKD _____ NOTES BY P. Latteri DATE June 8, 1961
DATE _____ INDEXED _____ DATE _____

F. B. 2852 PG. 195

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #12	106.298	✓				
+	7.209					
⊼	113.507					
−	1.498					
T.P. #13	112.009					
+	9.591					
⊼	121.600					
−	0.964					
T.P. #14	120.636					
+	9.941					
⊼	130.577					
−	1.047	✓				
T.P. #15	129.530					
+	8.256					
⊼	137.786					
−	0.257					
T.P. #16	137.529					
+	8.735					
⊼	146.264					
−	0.374					
T.P. #17	145.890					
+	8.349					
⊼	154.239					
−	1.425					
T.P. #18	152.814					
+	10.139					
⊼	162.953					
−	0.331					
B.M. S-3	162.622	✓				B.M. S-3 Youngworth Rd. & Flanton St. F.B. 155-155

F. B. 2952 PG. 196

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

SURVEY BY F. E. Brooks DATE

NOTES BY P. Latteri DATE June 8, 1961 NOTES CHECKED H. LAMBERS

INDEXED J. E. OR DATE DATE

765420 S & E-333 4-54

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

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. S-3	162.622					B.M. S-3 Youngworth Rd. & Flaxton St. F.B. 1155-155
+	11.942					
⊼	174.564					
−	1.648					
T.P. 19	172.916					
+	8.172					
⊼	181.088					
−	0.572					
T.P. 20	180.516					
+	11.971					
⊼	192.481					
−	0.973					
T.P. 21	191.514					
+	11.001					
⊼	202.515					
−	0.727					
T.P. 22	201.788					
+	11.953					
⊼	213.741					
−	0.319					
T.P. 23	213.422					
+	11.847					
⊼	225.269					
−	0.897					
T.P. 24	224.372					
+	11.973					
⊼	236.345					
−	0.350					
T.P. #25	235.995					

76S420 S & E-353 4-54

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #25	235.995					
+	11.891					
⊼	247.886					
−	1.103					
T.P. #26	246.783					
+	11.787					
⊼	258.570					
−	0.225					
T.P. #27	258.345					
+	11.632					
⊼	269.977					
−	1.151					
T.B.M.	268.826	✓				T.B.M. Bt. Spk. in 8x8 wood Post. F.B. 1155-157
+	10.537					
⊼	279.363					
−	0.313					
T.B.M.	279.050	✓				T.B.M. Spk in Top 8x8 wood Post F.B. 1155-157
+	11.764					
⊼	290.814					
−	0.475					
T.P. #28	290.339					
+	9.368					
⊼	299.707					
−	0.845					
T.P. #29	298.862					
+	11.778					
⊼	310.640					
−	0.305					
T.P. #30	310.335	✓				

NOTES RED ____ JOB NO. 0301.02 SURVEY OF LA Co. Precise Level Net
DATE ____ SURVEY BY F. E. Brooks
NOTES CHKD. H. J. AMBERS NOTES BY P. L. [illegible] DATE June 9, 1961
DATE ____ INDEXED ____ DATE ____

F. B. 2957 PG. 197

F.B. 2852 PG. 198

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

SURVEY BY F. E. Brooks DATE

NOTES BY Lattari DATE July 9, 1961 NOTES CHKD. H. J. AMBE

INDEXED H. & OTT DATE DATE

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #30	310.335					
+	11.413					
⊼	321.748					
−	0.180					
T.P. #31	321.568					
+	11.596					
⊼	333.164					
−	0.567					
T.P. #32	332.597					
+	8.974					
⊼	341.571					
−	3.207					
B.M. S-4	338.364					B.M S-4 N.E. Cor. Reservior
+	6.911					F.B. 1155-158
⊼	345.275					
−	0.448					
T.P. #33	344.827					
+	5.047					
⊼	349.874					
−	1.009					
T.P. #34	348.865					
+	8.263					
⊼	357.128					
−	2.558					
T.P. #35	354.570					
+	6.145					
⊼	360.715					
−	3.411					
T.P. #36	357.304					

76S420 S & E-353 4-54

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

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #36	357.304					
+	10.951					
⊼	368.255					
−	1.167					
T.P. #37	367.088					
+	9.087					
⊼	376.175					
−	2.441					
T.P. #38	373.734					
+	6.172					
⊼	379.906					
−	3.605					
T.B.M.	376.301					T.B.M. Bl. Spk. N side power Pole # 561135 H FB. 1155 − 159
+	1.935					
⊼	378.236					
−	6.628					
T.P. #39	371.608					
+	3.025					
⊼	374.633					
−	0.718					
T.P. #40	373.915					
+	7.418					
⊼	381.333					
−	4.747					
T.P. #41	376.586					
+	6.880					
⊼	383.466					
−	2.045					
B.M. S-5	381.421					B.M. S-5 Standard oil Well Vic. 1-61 FB. 1155-159

NOTES RED ____ JOB NO. 0301.02 SURVEY OF LA. Co. Precise Level Net
DATE ____ SURVEY BY F. E. Brooks
NOTES CHKD. H. J. AMBERS NOTES BY P. Latteri DATE June 9, 1961
DATE ____ INDEXED ____ DATE ____

F. B. 2856 PG. 199

765420 S & E-353 4-54

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M.S-5	381.421					B.M.S-5 Standard Oil well
+	1.959					Vic. 1-65 FB. 1155-159
⊼	383.380					
−	2.906					
T.P. #42	380.474					
+	7.073					
⊼	387.547					
−	0.343					
T.P. #43	387.204					
+	7.268					
⊼	394.472					
−	5.510					
T.P. #44	388.962					
+	0.723					
⊼	389.685					
−	11.677					
T.P. #45	378.008					
+	2.384					
⊼	380.392					
−	6.392					
T.P. #46	374.000					
+	9.032					
⊼	383.032					
−	4.825					
T.P. #47	378.207					
+	4.956					
⊼	383.163					
−	5.067					
B.M.S-6	378.096					B.M.S-6 Standard oil well
						L.A.I. 145 F.B. 1155-160

F. B. 29 PG. 200

JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net NOTES RED
SURVEY BY E. E. Brooks DATE
NOTES BY P. Latteri DATE June 9, 1961 NOTES Hugh AMBE
INDEXED H. E. OTT DATE

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M.S-6	378.096					B.M.S-6 Standard oil Well
+	3.398					L.A.I. 145 F.B. 1155-160
⊼	381.494					
−	10.068					
T.P. #48	371.426					
+	1.557					
⊼	372.983					
−	10.720					
T.P. #49	362.263					
+	0.558					
⊼	362.821					
−	11.178					
T.P. #50	351.643					
+	7.341					
⊼	358.984					
−	8.410					
T.P. #51	350.574					
+	7.753					
⊼	358.327					
−	8.043					
T.P. #52	350.284					
+	0.404					
⊼	350.688					
−	8.730					
B.M.S-7	341.958					B.M.S-7 Standard Oil Well
+	2.469					L.A.I. 1-146 F.B. 1155-161
⊼	344.427					
−	11.480					
T.P. #53	332.947					

NOTES RED _____ JOB NO. 0301.02 SURVEY OF LA Co. Precise Level Net
DATE _____ SURVEY BY F. E. Brooks
NOTES CHKD. H. J. AMPERE NOTES BY P. Lattari DATE June 9, 1961
DATE _____ INDEXED H. E. OTT DATE _____

F.B. 2852 PG. 201

F.B. 2852 PG. 202

JOB NO. 0301.02 SURVEY OF LA. Co. Precise Level Net NOTES RED

SURVEY BY E. E. Brooks DATE

NOTES BY P. Latta DATE June 9, 1961 NOTES CHKD. H. J. AMBE

INDEXED H. E. OH DATE DATE

765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION					
T.P. #53	332.947										
+	0.284										
⊼	333.231										
−	11.784										
T.P. #54	321.447										
+	0.279										
⊼	321.726										
−	10.708										
T.P. #55	311.018										
+	1.172										
⊼	312.190										
−	11.941										
T.P. #56	300.249										
+	0.324										
⊼	300.573										
−	11.549										
T.P. #57	289.024										
+	0.293										
⊼	289.317										
−	11.381										
T.P. #58	277.936										
+	0.309										
⊼	278.245										
−	7.543										
T.P. #59	270.702										
+	6.743										
⊼	277.445										
−	4.800										
T.P. #60	272.645										

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. #60	272.645					
+	3.811					
⊼	276.456					
−	9.697					
B.M. 29-5	266.759					B.M. 29-5 La Cienega Blvd. & Stocker St. F.B. 1351-181 Elev. 266.756 Field Calc. unadj. percise level line #54

NOTES RED. JOB NO. 0301.02 SURVEY OF LA. Co. Precise Level Net
DATE SURVEY BY F. E. Brooks
NOTES CH[illegible] BY [illegible] DATE [illegible]
DATE INDEXED DATE

F. B. 2857 PG. 203