d by

Survey of L.A. Co. Precise Level Net F. B. 2448 PG. 5
JN 0301.02 Tape Std °F
Surveyed by F E Brooks
Notes Date Jan 1960
Indexed H. E. OTT AUG 3 '60

JN 0301.02

L. A. CO. PRECISE LEVEL NET

PRECISE LINE #55
IN
CITY OF TORRANCE

Microfilmed Jan '86

F. B. 2448 PG. 6

INDEX

CITY of TORRANCE

LINE # 5

B.M. descriptions	Elevations	Party
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LINE # 10

F.B. 2448 Pg 37 To 40 " 65 " 66	F.B. 2448 Pg 46 To 64 " 67 " 70	Brooks LeGault Siemann Workman

LINE # 2

Torrance BM 2-11

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LINE # 6

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76P525-CE 379--10-57

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Chief of Party F.E. Brooks Weather overcast Inst. No. 15066
Notes by R. Turrill Time 8:45 - 09:20 Rod No. 31432

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor. B.M. 5-2 To Tor. B.M. 5-3
Date 26 July 1960
Indexed H.S.O.T.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6307		190			5156		187		Tor. BM 5-2
1	6117		189			4969		188		Yukon Ave and 190th St.
	5928		379			4781		375		see F.B. 2447-227
	18352	6117		379	72°	14906	4969		375	for description
	6101		188			4891		185		T Le Gault
2	5913		184			4706		188		
	5729		372			4518		373		
	17743	5914		751		14115	4705		748	
	5971		187			5085		147		
3	5784		186			4938		150		
	5598		373			4788		297		
	17353	5784		1124		14811	4937		1045	
	5857		176			5018		198		
4	5681		177			4820		199		
	5504		353			4621		397		
	17042	5681		1477		14459	4820		1942	
	6038		185			4665		194		
5	5853		182			4471		192		
	5671		367			4279		386		
	17562	5854		1844		13415	4472		1828	
	29.350						23.903			

F.B. 2448 P.G. 7

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather overcast Inst. No. 15066
Notes by R. Turrill Time 08:45 - 09:20 Rod No. 31 & 33

Name L.A. Co. Precise Level Net
Job No. 0301.02
From Tor. B.M. 5-2 To Tor. B.M. 5-3
Date 26 July 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1894	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1828	DESCRIPTION AND REMARKS
6	6001	29.350	186			5103	23.903	186		
	5815		185			4917		187		
	5630		371			4730		373		
	17446	5815		2215		14750	4917		2201	
7	5719		188			5170		185		
	5531		188			4985		186		
	5343		376			4799		371		
	16593	5531		2591		14954	4985		2572	
8	5838		187			4989		186		
	5651		183			4803		184		
	5468		370			4619		370		
	16957	5652		2961		14411	4804		2942	
9	5442		184			5155		185		
	5258		188			4970		186		
	5070		372			4784		371		
	15770	5257		3333		14909	4970		3313	
10	5519		179			5221		190		
	5340		179			5031		188		
	5161		358			4843		378		
	16020	5340		3691		15095	5032		3691	
		56.945					48.611			

F.B. 2448 P.G. 8

76P523-CE 379—10-57

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Chief of Party F.E. Brooks Weather overcast Inst. No. 15066
Notes by R. Turrill Time 8:45 - 9:20 Rod No. 31 & 32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor. B.M. 5-2 To Tor. B.M. 5-3
Date 26 July 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 3691	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 3691	DESCRIPTION AND REMARKS
	5717	56.045	159			5243	48.611	165		
	5558		159			5078		166		T Le Gault
1	5399		318			4912		331		
	16674	5558		4009		15233	5078		4022	
									4009	Tor. B.M. 5-3
									8.03	Prairie Ave and 190th St.
										See F.B. 2447-228
										for description
										Summation of Run
										From Tor. B.M 5-2
										To Tor BM 5-3
										Total Backsights = + 62.503
										" Foresights = - 53.689
										diff. elev = + 8.814
	62.503					53.689				

F.B. 2448 P.G. 3

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather overcast Inst. No. 15066
Notes by R. Turrill Time 09:20-09:50 Rod No. 31 & 32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor. B.M. 5-3 To Tor. B.M. 5-2
Date 26 July 1960
Indexed H.E. Orr

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5256		165			5729		160		Tor. B.M. 5-3
	5091		165			5569		160		Prairie Ave and 190th St.
	4926		330			5409		326		See F.B. 2447-228
	15273	5091		330		16707	5569		320	for description
2	5282		184			5590		182		T. Le Gault
	5098		187			5408		185		
	4911		371			5223		367		
	15291	5097		701		16221	5407		687	
3	5198		187			5983		185		
	5011		183			5298		187		
	4828		370			5111		372		
	15037	5012		1071		16892	5297		1059	
F.B. 2448 P.G. 10 4	4952		184			5809		186		
	4768		188			5618		187		
	4580		372			5431		373		
	14300	4767		1443		16853	5618		1432	
5	5079		188			5627		187		
	4891		184			5440		189		
	4707		372			5251		376		
	14677	4892		1815		16318	5439		1808	
		24.859					24.330			

76P5[illegible]3-CE 379—10-57

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Chief of Party F. E. Brooks Weather overcast Inst. No. 15066
Notes by R. Turrill Time 9:20 - 09:50 Rod No. 31 & 32

Name L.A. Co Precise Level Net
Job No. 0301.02
From Tor. B.M. 5-3 To Tor. B.M. 5-2
Date July 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1813	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1808	DESCRIPTION AND REMARKS
	5012	24.859	186			5912	27.370	186		
	4826		186			5726		187		
6	4640		372			5539		373		T Le Gault
	14478	4.826		2187		17177	5.726		2181	
	4362		185			5746		187		
	4177		188			5559		187		
7	3989		373			5372		374		
	12528	4.176		2560		16677	5.559		2555	
	4964		186			5827		187		
	4778		187			5640		189		
8	4591		373			5451		376		
	14333	4.778		2933		16918	5.639		2931	
	4989		166			5844		173		
	4823		163			5671		171		
9	4660		329			5500		344		
	14472	4.824		3262		17015	5.672		3275	
	4828		186			6038		187		
	4642		190			5851		183		
10	4452		376			5668		370		
	13922	4.641		3638		17557	5.852		3645	
		48.104					55.778			

F.B. 24460 P.G. 17

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather overcast Inst. No. 15066
Notes by R. Turrill Time 9:20 - 9:[illegible] Rod No. 31432

Name L.A. Co. Precise Level Net
Job No. 0301.02
From Tor. B.M. 5-3 To Tor. B.M. 5-2
Date 26 July 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 3638	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 3645	DESCRIPTION AND REMARKS
11	5110	48.104	188			6259	55.448	189		
	4922		189			6070		190		
	4738		372			5880		379		
	14770	4923		4010		18209	6070		4024	
									4010 / 8034	Tor. B.M. 5-2 Yukon Ave and 190th St. see F.B. 2447-227 for description
										Summation of Run From Tor BM 5-3 To Tor BM 5-2
										Total Backsights = + 53.027 " Foresights = - 61.848 diff elev = - 8.821
	53.027					61.848				

F.B. 2448 P.G. 17

76P523-CE 379—10-57

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Chief of Party F.E. Brooks Weather overcast Inst. No. 15066
Notes by R. Turrill Time 10:00 - 10:40 Rod No. 31 & 32

Name L.A. Co. Precise Level Net
Job No 0301.02
From Tor. B.M. 5-3 To Tor. B.M. 3-3
Date 26 July 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5811		189			5355		185		Tor. BM 5-3
	5622		191			5170		185		Prairie Ave and 190th St.
1	5931		380			4985		370		see F.B. 2447-228
	16864	5621		380		15510	5170		370	for description
	5898		186			5068		187		
	5712		189			4881		183		T Le Gault
2	5528		370			4698		370		
	17138	5713		750		14647	4882		740	
	5842		184			4989		185		
	5658		187			4804		186		
3	5471		371			4618		371		
	16971	5657		1121		14411	4804		1111	
	6030		188			5024		184		
	5842		189			4840		183		
4	5658		372			4657		367		
	17530	5843		1493		14521	4840		1478	
	6232		184			4891		182		
	6048		187			4709		186		
5	5861		371			4523		368		
	18141	6047		1864		14123	4708		1846	
		28.881					24.404			

F.B. 2440 P.G. 13

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather overcast Inst. No. 15066
Notes by R. Turrill Time 10:00 - [illegible] Rod No. 31632

Name L.A. Co. Precise Level Net
Job No. 030102
From Tor. B.M. 5-3 To Tor. B.M. 3-3
Date 26 July 1961
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1864	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1846	DESCRIPTION AND REMARKS
6	5971	28.881	183			4340	24.404	186		
	5788		186			4154		182		
	5602		369			3972		368		
	17361	5787		2233		12466	4155		2214	
7	8209		186			3918		187		
	8018		186			3731		187		
	7832		372			3544		374		
	24054	8018		2605		11193	3731		2588	
8	5936		188			5158		187		
	5748		189			4971		184		
	5559		377			4787		371		
	17243	5748		2982		14916	4972		2959	
F.B. 2448 P.G. 84 9	6023		183			2771		192		
	5840		187			2579		195		
	5653		370			2384		387		
	17516	5839		3352		7734	2578		3346	
10	5978		185			5122		185		
	5793		183			4937		186		
	5610		368			4751		371		
	17381	5794		3720		14810	4937		3717	
	60.067					44.777				

76P523-CE 379—10-57

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Chief of Party F.E. Brooks Weather overcast Inst. No. 15066
Notes by R. Tuxxi II Time 10:00 - 10:40 Rod No. 31 & 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From Tor. B.M. 5-3 To Tor. B.M. 3-3
Date 26 July 1960
Indexed H.E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 3720	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 3717	DESCRIPTION AND REMARKS
11	3279	60.069	207			5871	44.777	201		
	3072		204			5670		199		
	2868		411			5471		400		
	9219	3073		4131		17012	5671		4117	
12	3940		090			3784		094		T Le Gault
	3850		090			3690		093		
	3760		180			3597		187		
	11550	3850		4311		11071	3690		4304	
									4311	Tor. B.M. 3-3
									7.15	Hawthorne Ave and 190th St.
										See F.B. for description
										Summation of Run From Tor BM 5-3 To Tor BM 3-3
										Total Backsights = + 66.990
										" Foresights = - 54.138
										diff elev. = + 12.852
	66.990					54.138				

F.B. 2448 P.G. 13

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather overcast cloudy Inst. No 15066
Notes by R. Turrill Time 10:40-11:15 Rod No. 31432

Name L.A. Co Precise Level Net
Job No. 0301.02
From Tor. B.M. 3-3 To Tor. B.M. 5-3
Date 26 July 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	3803		093			3959		090		Tor. BM. 3-3 Hawthorne Ave and 190th st. see F.B. for description
	3710		093			3869		088		
	3617		186			3781		178		
	11130	3710		186	74°	11609	3870		178	
2	5908		200			3317		206		T Le Gault
	5708		199			3111		208		
	5509		399			2903		414		
	17125	5708		585		9331	3110		592	
3	5145		185			6005		184		
	4960		185			5821		181		
	4775		370			5690		365		
	14880	4960		955		17466	5822		957	
4	2703		189			5965		187		
	2514		189			5778		188		
	2325		378			5590		375		
	7542	2514		1333		17333	5778		1332	
5	5049		187			5828		189		
	4862		184			5639		188		
	4678		371			5451		377		
	14589	4863		1704		16918	5639		1709	
	21.755					24.219				

F.B. 2448 P.G. 16

76P52-CE 379—10-57

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Chief of Party F.E. Brooks Weather overcast-windy Inst. No. 15066
Notes by R. Torrill Time 10:40 - 11:15 Rod No. 31 & 32

Name L.A.Co. Precise Level Net
Job No. 030 1.02
From Ter. B.M. 3-3 To Ter. B.M. 5-3
Date 26 July 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1704	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1709	DESCRIPTION AND REMARKS
6	3800	21.265	188			8084	24.219	185		
	3612		185			7899		187		
	3427		373			7712		372		
	10839	3613		2077		23695	7898		2081	
7	4340		184			5970		183		T Le Gault
	4156		185			5787		187		
	3971		369			5600		370		
	12467	4156		2446		17357	5786		2451	
8	4729		184			6077		186		
	4545		184			5891		188		
	4361		368			5703		374		
	13635	4545		2814		17671	5890		2825	
9	4884		184			5889		187		
	4700		188			5702		183		
	4512		372			5519		370		
	14096	4699		3186		17110	5703		3195	
10	4808		187			5661		183		
	4621		185			5478		186		
	4436		372			5292		369		
	13865	4622		3558		16431	5477		3564	
	43.390					54.973				

F.B. 2448 P.G. 11

76P526-CE 379—10-57

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Chief of Party F. E. Brooks Weather overcast windy Inst. No. 15066
Notes by R. Tuxxi II Time 10:40 – 11:15 Rod No. 21 & 32

Name L.A. Co Precise Level Net
Job No. 0301.02
From Tor. B.M. 3-3 To Tor. B.M. 5-3
Date 26 July 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 3558	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 3564	DESCRIPTION AND REMARKS
11	4903	43.390	185			5735	54.973	185		
	4718		186			5550		182		
	4532		371			5368		367		
	14153	4718		3929		16653	5551		3931	
12	5297		187			5749		188		
	5110		186			5561		189		
	4924		373			5372		377		
	15331	5110		4302		16682	5561		4308	
									4308 / 8610	Tor. B.M. 5-3 Prairie Ave and 190th St. See F.B. 2447-228 for description
										Summation of Run From Tor. BM 3-3 To Tor. BM 5-3
										Total Backsights = + 53.218 " Foresights = − 66.085 diff. elev. = − 12.867
	53.218					66.085				

F.B. 2448 P.G. 18

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather Sunny - clear Inst. No. 15066
Notes by R. Turrill Time 8:35 - 9:15 Rod No. 31532

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor BM 5-3 To Tor BM 3-3
Date 27 July 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5751		190			5292		187		Tor. B.M 5-3
	5561		189			5105		184		Prairie Ave and 190 7th St.
	5372		379			4921		371		see F.B. 2447-228
	16684	5561		379		15318	5106		371	for description
2	5832		183			5002		183		
	5649		184			4819		187		T Le Gault
	5465		367			4632		370		
	16946	5649		746		14453	4818		741	
3	5807		185			4950		185		
	5622		184			4765		185		
	5438		369			4580		370		
	16867	5622		1115		14295	4765		1111	
4	5999		184			4999		187		
	5815		185			4812		184		
	5630		369			4628		371		
	17444	5815		1484		14439	4813		1482	
5	6178		189			4832		184		
	5989		185			4648		186		
	5804		374			4462		370		
	17971	5990		1858		13942	4647		1852	
	28637					24149				

F.B. 2448 P.G. 15

76P526-CE 379—10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny - Cool Inst. No. 15066
Notes by R. Turrill Time 8:35 - 9:15 Rod No. 31532

Name L.A. Co. Precise Level Net
Job No. 0301.02
From Tor. B.M. 5-3 To Tor. B.M. 3-3
Date 27 July 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
		433		1858			532		1852	
6	5949	28367	184			4318	24149	186		
	5765		185			4132		182		
	5580		369			3950		368		
	17294	5765		2227		12400	4133		2220	
7	8111		188			3822		185		
	7923		185			3637		189		
	7738		373			3448		374		
	23772	7924		2600		10907	3636		2594	
8	5881		188			5101		183		
	5693		186			4918		187		
	5507		374			4731		370		
	17081	5694		2974		14750	4917		2964	
9	5985		187			2722		190		
	5798		188			2532		187		
	5610		375			2345		377		
	17393	5798		3349		7599	2533		3341	
10	6031		181			5175		185		
	5850		184			4990		185		
	5666		365			4805		370		
	17547	5849		3714		14970	4990		3711	
		59667					44358			

F.B. 2448 P.G. 20

76P523-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny - clear Inst. No. 15066
Notes by R. Turrill Time 8:35 - 9:15 Rod No. 31 & 32

Name L.A. Co Precise Level Net
Job No. 0301.02
From B.M. Tor. 5-3 To Tor. BM. 3-3
Date 27 July 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 3714	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 3711	DESCRIPTION AND REMARKS
11	3348	59667	204			5937	44358	200		
	3144		206			5739		200		
	2938		410			5537		400		
	9430	3143		4124		17211	5737		4111	
12	3980		090			3825		095		Tor. B.M. 3-3. Hawthorn Ave and 190th St. See F.B. for description
	3890		089			3730		093		
	3801		179			3637		188		
	11671	3890		4303		11192	3731		4299	
									4303	
									8602	
										Summation of Run From Tor. BM 5-3 To Tor BM 3-3
										Total Back sights = + 66.700 " Foresights = - 53.826 diff. elev. = + 12.874
	66700					53826				

F.B. 24418 P.G. 24

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name.....
Job No.....
From..... To.....
Date.....
Indexed..... H. E. OTT

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

F.B. 2448 P.G. 22

76P523-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather LIGHT CLOUDS Inst. No. 15066
Notes by WORKMAN Time 11:30 - 13:20 Rod No. 31 & 32

Name L.A.Co. Precise Level Net
Job No 0301.02
From Tor. B.M. 3-3 To Tor. B.M. 5-4
Date 26 July 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	2961		189			4790		202		Tor. BM 3-3
	2772		185			4588		201		Hawthorne Ave and 190th St.
	2587					4387				See F.B.
	8320	2.773	.374	.374	78°	13765	4.588	.403	.403	for description
2	4787		189			5867		195		
	4598		190			5672		192		π Turn
	4408		.379			5480		387		
	13793	4.598		753		17019	5.673		790	
3	5722		191			5308		186		
	5531		190			5122		182		
	5341		381			4940		368		
	16594	5.531		1134		15370	5.123		1158	
4	5933		186			5469		183		
	5747		187			5286		184		
	5560		373			5102		367		
	17240	5.747		1507		15857	5.286		1525	
5	5828		186			5288		187		
	5642		188			5101		189		
	5454		374			4912		376		
	16924	5.641		1881		15301	5.100		1901	
		24.290					25.770			

F.B. 2446 P.G. 23

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Light Clouds Inst. No 15066
Notes by WORKMAN Time 11:30 - 13:20 Rod No. 31 & 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From Tav. B.M. 3-3 To Tav. B.M. 5-4
Date July 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	6730	24.290	190	1881		1024	25.770	184	1901	
	6540		190			0840		184		
	6350		380			0656		368		
	19620	6.540		2261		2520	0.840		2269	
7	10100		152			3021		151		
	9948		149			2870		148		
	9799		301			2722		299		
	29847	9.949		2562		86132	8.671		2568	
8	6071		187			5216		189		
	5884		184			5027		187		
	5700		371			4840		376		
	17655	5.885		2933		15083	5.028		2944	
2 F.B. 2448 P.G. 24 9	5880		190			5205		185		ONE HOUR LUNCH
	5690		186			5020		188		
	5504		376			4832		373		
	17074	5.691		3309		15057	5.019		3317	
10	5960		187			5180		190		
	5773		190			4990		186		
	5583		377			4804		376		
	17316	5.772		3686		14974	4.991		3693	
	58.127					44.519				

76P5-6-CE 379--10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Light clouds Inst. No. 15066
Notes by WORKMAN Time 11:30-13:20 Rod No. 3132

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor. B.M. 3-3 To Tor. B.M. 5-4
Date July 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6208	58.127	144	3686		5396	44.519	135	3693	
	6064		142			5261		137		
11	5922		286			5124		272		
	18.194	6.065		3972		15.781	5.260		3965	
									3972	TOR. B.M. 5-4
									937	Inglewood Ave and 190th St.
										See F.B. 2447-229
										for description
										Summation of Run
										From Tor BM 3-3
										To Tor BM 5-4
										Total Back sights = +64.192
										" Fore sights = - 49.779
										diff elev = +14.413
	64.192					49.779				

F.B. 2448 P.G. 25

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Light Inst. No. 15066
Notes by Workman Time 13:30 - 14:10 Rod No. 31 & 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From Tor. B.M. 5-4 To Tor. B.M. 3-3
Date July 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5300		138	274		6107		144	285	TOR. B.M. 5-4 Inglewood Ave and 190th St. See F.B. 2447-229 for description
	5162		136			5963		141		
	5026		274			5822		285		
	15488	5.163				17892	5.964			
2	5164		186			5943		187		
	4978		190			5756		188		
	4788		376			5568		375		
	14930	4.977		650		17267	5.756		660	
3	5096		188			5763		184		
	4908		186			5579		187		
	4722		374			5392		371		
	14726	4.909		1024		16734	5.578		1031	
4	5183		187			6041		188		
	4996		189			5853		186		
	4807		376			5667		374		
	14986	4.995		1400		17561	5.854		1405	
5	3052		150			10130		150		
	2902		149			9980		150		
	2753		299			9830		300		
	8707	2.902		1699		29940	9.980		1705	
		22.946					33.132			

F.B. 2448 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 LIGHT + CLOUDY Inst. No. 15066
Notes by W.D. BRKMAN Time 1330 TO 1410 Rod No. 31 & 32

Name L.A. Co. Precise Level Net
Job No. 1301.02
From Ter. B.M. 54 To Ter. B.M. 3-5
Date 26 JULY 1960
Indexed H. E. OH

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	0.907	22.946	188	1699		6.609	33.132	190	1705	
	0.719		188			6.419		187		
	0.531		376			6.232		377		
	1.157	0.719		2075		19.260	6.420		2082	
7	5143		187			5681		190		
	4956		188			5491		186		
	4768		375			5305		376		
	14867	4.956		2450		16477	5.492		2458	
8	5278		191			5733		185		
	5087		187			5548		182		
	4900		378			5366		367		
	15265	5.088		2828		16647	5.549		2825	
9	5227		187			5632		186		
	5040		190			5446		185		
	4850		377			5261		371		
	15117	5.039		3205		16339	5.446		3196	
10	5192		183			4124		191		
	5009		182			3933		191		
	4827		365			3742		382		
	15028	5.009		3570		11799	3.933		3578	
	43.757					59.972				

F.B. 2448 P.G. 27

5

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 Light Rain Inst. No. 15066
Notes by WORKMAN Time 13:30 to [illegible] Rod No. 31 & 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From Tor. B.M. 5-4 To Tor. B.M. 3-3
Date 26 July 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	4673	43.758	203	3570		2840	59.972	188	3578	
	4470		202			2652		188		
	4268		405			2464		376		
	13.411	4.470		3975		7.956	2.652		3954	
										TOR. B.M. 3-3 Hawthorne Ave and 190th St. see F.B. for description
										Summation of Run From Tor. BM 5-4 To Tor BM 3-3
										Total Backsights = + 48.227 ✓ " Foresights = − 62.624 ✓ diff. elev. = − ~~14.407~~ 14.397
	48.227 ✓					62.624 ✓				

F.B. 2448 P.G. 28

76P5[illegible]6-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny - clear Inst. No. 15066
Notes by R. Turrill Time 9:40 - 10:10 Rod No. 31432

Name L.A. Co. Precise
Job No. D301.02
From Tor. BM 5-4 To Tor. BM 5-5
Date 27 July 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	8111		189			2787		187		Tor. BM 5-4
	7922		188			2600		189		Inglewood Ave and 190th st
	7734		377			2411		376		see F.B. 2447-229
	23767	7922		377	78°	7798	2599		376	for description
2	5738		188			7891		186		
	5550		190			7705		186		π Le Gault
	5360		378			7519		372		
	16648	5.5491		755		23115	7.705		748	
3	3933		185			5631		188		
	3748		188			5443		185		
	3560		373			5258		373		
	11241	3.747		1128		16332	5.444		1121	
4	5168		188			6278		189		
	4980		189			6089		187		
	4791		377			5902		376		
	14939	4.980		1505		18269	6.090		1497	
5	2861		183			8452		184		
	2678		187			8268		188		
	2491		370			8080		372		
	8030	2.677		1875		24800	8.267		1869	
		24.875					30.105			

F.B. 2448 P.G. 29

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny - clear Inst. No. 15066
Notes by R. Turrill Time 9:40 - 10:10 Rod No. 31432

Name L.A.Co. Precise Level Net
Job No. 03.01.02
From Tar. B.M. 5-4 To Tar. B.M. 5-5
Date 22 July 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1875	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1869	DESCRIPTION AND REMARKS
6	3051	24.875	186			4824	30.105	193		
	2865		187			4631		192		
	2678		373			4439		385		
	8594	2.865		2248		13894	4.631		2254	
7	5999		187			4918		187		
	5812		184			4731		188		
	5628		371			4543		375		
	17439	5.813		2619		14192	4.731		2629	
8	6149		189			4993		184		
	5960		188			4789		186		
	5772		377			4603		370		
	17881	5.960		2996		14365	4.788		2999	
F.B. 2448 P.G. 30 9	5958		187			4795		185		
	5771		186			4610		188		
	5585		373			4422		373		
	17314	5.771		3369		13827	4.609		3372	
10	6067		188			4768		187		
	5879		186			4581		183		
	5693		374			4398		370		
	17639	5.880		3743		13747	4.582		3742	
		51.164					53.446			

76P523-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather sunny - clear Inst. No. 15066
Notes by R. Turrill Time 9:40 10:10 Rod No. 31 & 32

Name L.A.Co. Precise Level Net
Job No. 0701.02
From Tor. B.M. 5-4 To Tor. B.M. 5-5
Date 27 July 1966
Indexed H. E. Orr

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				3743					3742	
11	5018	51.164	088			5852	53.996	081		T Le Gault
	4930		085			5771		081		
	4845		173			5690		162		
	14793	4931		3916		17313	5771		3909	
									3916	Tor. B.M. 5-5
									7825	Entradero Ave, Meyer Ln and 190th St. see F.B. 2448-230 for description
										Summation of Run From Tor BM 5-4 To Tor BM 5-5
										Total Backsights = + 56.095
										" Foresights = - 59.217
										diff elev. = - 3.122
	56095					59.217				

F.B. 2448 P.G. 231

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather sunny - clear Inst. No. 15266
Notes by R. Turrill Time 10:10 - 10:55 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.0
From Tor. B.M. 5-5 To Tor. B.M. 5-4
Date 27 July 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5880		084			5041		086		Tor. B.M. 5-5
	5796		083			4955		085		Entradero Ave., Meyer Ln. and
	5713		167			4870		171		190th St. see F.B. 2447-230
	17389	5.796		167		14866	4.955		171	for description
2	4660		188			5960		188		
	4472		184			5772		184		TT Le Gault
	4288		372			5588		372		
	13420	4.473		539		17320	5.773		543	
3	4791		186			5949		186		
	4605		184			5763		185		
	4421		370			5578		371		
	13817	4.606		909		17290	5.763		914	
4 (F.B. 2448 P.G. 32)	4828		186			6008		189		
	4642		184			5819		188		
	4458		370			5631		377		
	13928	4.643		1279		17458	5.819		1291	
5	4978		189			6055		185		
	4789		188			5870		188		
	4601		377			5682		373		
	14368	4.789		1656		17607	5.869		1664	
		24.307					26.179			

76P5[illegible]6-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny - Clear Inst. No. 15066
Notes by R. Turrill Time 10:10 - 10:45 Rod No. 31-32

Name L.A. Co. Precise Level No 1
Job No. 6301.02
From Tor. B.M. 5-5 To Tor. B.M. 5-4
Date 27 July 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	4949	24.307	191	1656		3179	28.179	188	1664	
	4758		193			2991		187		
	4565		384			2804		375		
	14272	4.757		2040		8.974	2.991		2039	
7	8338		187			2745		185		T Le Gault
	8151		186			2560		188		
	7965		373			2372		373		
	24454	8151		2413		7677	2559		2412	
8	6323		188			5215		186		
	6135		186			5029		187		
	5949		374			4842		373		
	18.407	6.136		2787		15.086	5.029		2785	
9	5518		188			3820		188		
	5330		187			3632		189		
	5143		375			3443		377		
	15991	5330		3162		10895	3632		3162	
10	7881		188			5730		188		
	7693		185			5542		190		
	7508		373			5352		378		
	23.082	7.694		3535		16.624	5.541		3540	
		56.375					47.931			
		~~55.642~~								

1353

F.B. 2448 P.G. 35

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather Sunny - Cloudy Inst. No. 15066
Notes by R. Turrill Time 10:10 - [illegible]45 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From Tor BM 5-5 To Tor. B.M. 5-4
Date 22 July 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11.	2918	56375	186	3535		8242	47931	190	3540	
	2732		187			8052		189		
	2545		373			7863		379		
	8.195	2.732		3908		24.157	8.052		3919	
										Tor. B.M. 5-4 Inglewood Ave and 190th St. see F.B. 2447-229 for description
										Summation of Run From Tor BM 5-5 To Tor BM 5-4
										Total Backsights = + 59.107 Total Foresights = - 55.983 diff. elev. = + 3.124
		59.107					55.983			

F.B. 2448 P.G. 54

Notes Ck'd by	Survey of L.A. Co. Precise Level Net F.B. 2448 PG. 37
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Date Aug 1960
Date	Indexed H. E. OH

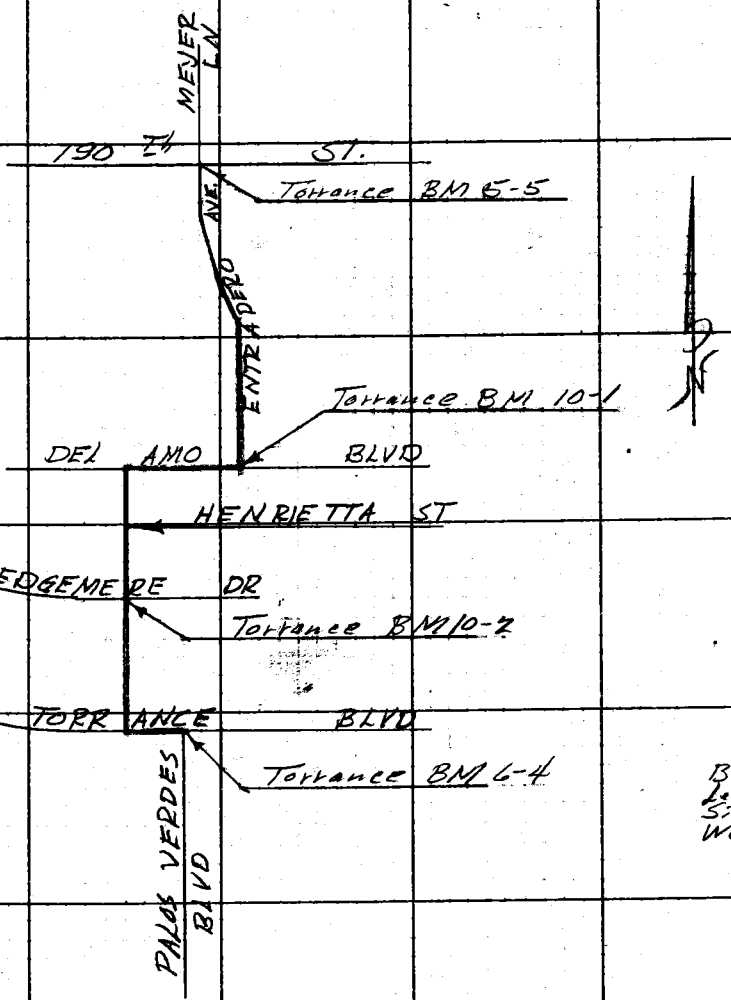
J.N. 0301.02

L.A. CO. PRECISE LEVEL NET

CITY of TORRANCE

LINE # 10

L. A. County Line No. 55 (Part)



Brooks
LeGault
Siemann
Workman

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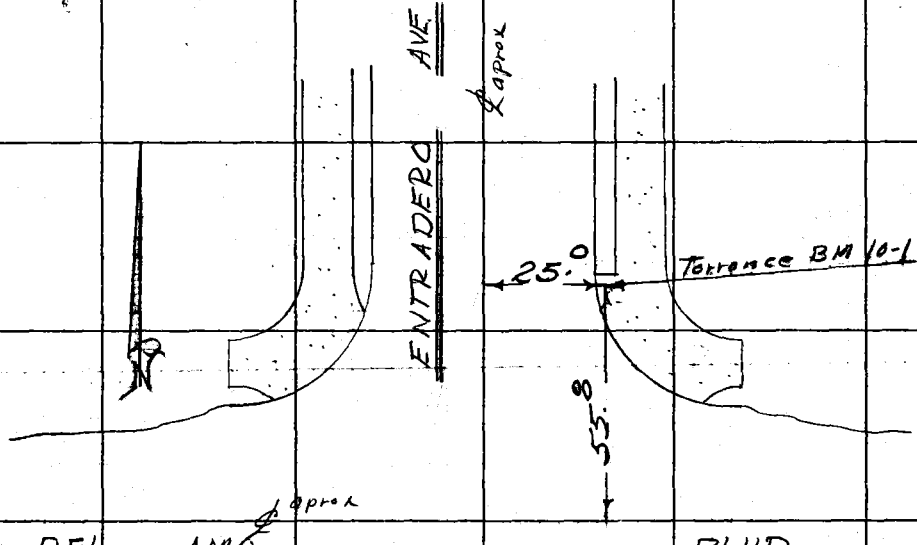
763005 CE #247—7-58

F. B. 2440 PG. 38

L. A. County 55-40
B. M. No. 55-10-1

TORRANCE BM 10-1 =

ENTRADERO AVE and DEL AMO BLVD.
North east corner. In the sidewalk 25.0 ft east of aprox. ℄ of Entradero Ave and 55.8 ft north of aprox. ℄ of Del Amo Blvd. in a well protected by a cast iron cover marked COUNTY ENGINEER MONUMENT 10" below surface of walk a std. L.A. County Engineer Brass Cap Monument stamped TOR 10-1



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700 Los Angeles County Engineering Bldg.

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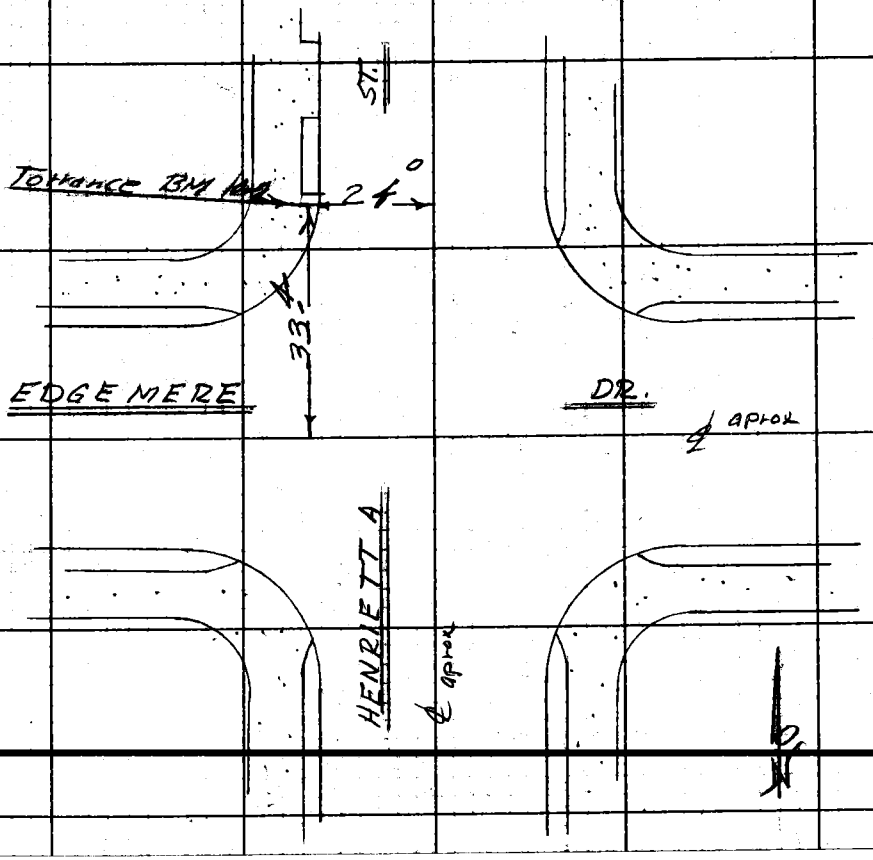
Notes Ck'd by	Survey of L.A.Co. Precise Level Net F. B. 2448 PG. 39
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by F.E.Brooks
Checked	Notes F.E.B. Date Aug 1960
Date	Indexed

H. E. Ott

TORRANCE BM 10-2 L. A. County 55-41
B. M. No. 55-10-2

HENRIETTA ST. and EDGEMERE DR.
North west corner. In the side walk.
24.0 ft. West of aprox ℄ of Henrietta St.
and 33.4 ft. north of aprox ℄ of
Edgemere Dr. in a well protected
by a cast iron cover marked COUNTY
ENGINEER MONUMENT 10" below
the surface of walk a L.A. County
Engineer Brass Cap Monument.
stamped TOR 10-2



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763CDB CE #247—7-53

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F. B. 2448 PG. 40

76P52[illegible]-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 150bb
Notes by F.E.B. Time 08:50 - 09:45 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor BM 5-5 To Tor BM 10-1
Date 2 Aug 1960
Indexed H.E.Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	8.073		.187			4.998		.186		Tor BM 5-5 Entradero Ave, Meyer Ln. and 190th St. See F.B. 2447-230 for description
	7.886		.187			4.812		.184		
	7.699		.374			4.628		.370		
	23.658	7.886		.374		14.438	4.813		.370	
2	3.661		.183			7.291		.182		π Le Gault
	3.478		.187			7.109		.184		
	3.291		.370			6.925		.366		
	10.430	3.477		.744		21.325	7.108		.736	
3	3.730		.185			7.430		.185		
	3.545		.185			7.245		.185		
	3.360		.370			7.060		.370		
	10.635	3.545		1.114		21.735	7.245		1.106	
4	3.942		.150			5.585		.146		
	3.792		.150			5.439		.148		
	3.642		.300			5.291		.294		
	11.376	3.792		1.414		16.315	5.438		1.400	
5	8.873		.152			2.892		.143		
	8.721		.150			2.749		.147		
	8.571		.302			2.602		.290		
	21.165	8.722		1.716		8.243	2.748		1.690	
	27.422					27.352				

F.B. 2447 P.G. 44

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 08:50-09:45 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor BM 5-5 To Tor BM 10-1
Date 2 Aug 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	7.897	27.422	.147	1.716		2.747	27.352	.152	1.690	
	7.750		.147			2.595		.148		
	7.603		.294			2.447		.300		
	23.250	7.750		2.010		7.789	2.596		1.990	
7	7.118		.147			5.659		.150		
	6.971		.143			5.509		.150		
	6.828		.290			5.359		.300		
	20.917	6.972		2.300		16.527	5.509		2.290	
8	3.771		.183			6.871		.188		
	3.588		.186			6.683		.185		
	3.402		.369			6.498		.373		
	10.761	3.587		2.669		20.052	6.684		2.663	
9	4.042		.179			6.983		.191		
	3.863		.175			6.792		.192		
	3.688		.354			6.600		.383		
	11.593	3.864		3.023		20.375	6.792		3.046	
10	3.869		.189			5.899		.180		
	3.680		.188			5.719		.181		
	3.492		.377			5.538		.361		
	11.041	3.680		3.400		17.156	5.719		3.407	
		53.275					54.652			

F.B. 2448 P.G. 42

76P52-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 08:50-09:45 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor BM 55 To Tor BM 10-1
Date 2 Aug. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.115	53.275	.185	3.400		2.922	54.652	.184	3.407	
	6.930		.187			2.738		.186		
11	6.743		.372			2.552		.370		
	20.788	6.929		3.772		8.212	2.737		3.777	
	6.932		.183			5.960		.186		
	6.749		.187			5.774		.184		
12	6.562		.370			5.590		.370		
	20.243	6.748		4.142		17.324	5.775		4.147	
	4.869		.185			6.082		.188		
	4.684		.184			5.894		.186		
13	4.500		.369			5.708		.374		
	14.053	4.684		4.511		17.684	5.895		4.521	
	4.805		.184			6.090		.189		
	4.621		.182			5.901		.185		
14	4.439		.366			5.716		.374		
	13.865	4.622		4.877		17.707	5.902		4.895	
	5.051		.147			8.123		.150		
	4.904		.145			7.973		.150		
15	4.759		.292			7.823		.300		
	14.714	4.905		5.169		23.919	7.973		5.195	
		81.163					82.934			

F.B. 2448 P.G. 43

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.F.B. Time 08:50-09:15 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor BM 5-5 To Tor BM 10-1
Date 2 Aug 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
16.	4.061	81.163	.036	5.169		7.160	82.934	.032	5.195	Tor BM 10-1
	4.025		.037			7.128		.033		Entradero Ave and Del Amo Blvd
	3.988		.073			7.095		.065		see F.B. 2448-38
	12.074	4.025		5.242		21.383	7.128		5.260	
										Summation of Run From Tor. BM 5-5 To Tor BM 10-1
										Total Backsights = + 85.188
										" Foresights = - 90.062
										diff. elev. = - 4.874
	85.188					90.062				

F.B. 2448 P.G. 44

76P526-CE 379—10-57

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Chief of Party: F.E. Brooks Weather: Sunny Inst. No. 15066
Notes by: F.E.B. Time: 09:45 - 10:30 Rod No. 31-32

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: Tor BM 10-1 To: Tor BM 15-5
Date: 2 Aug 1960
Indexed: H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.165		.037			4.058		.033		Tor BM 10-1
	7.128		0.37			4.025		.033		Entradero Ave and Del Amo Blvd
1	7.091		.074			3.992		.066		see F.B. 2448 - 38
	21.384	7.128		.074	80°	12.075	4.025		.066	
	8.111		.151			5.038		.148		
	7.960		.149			4.890		.148		T LeGow H
2	7.811		.300			4.742		.296		
	23.882	7.961		.374		14.670	4.890		.362	
	6.088		.193			4.791		.180		
	5.895		.192			4.611		.180		
3	5.703		.385			4.431		.360		
	17.686	5.895		.759		13.833	4.611		.722	
	6.092		.187			4.879		.184		
	5.905		.186			4.695		.184		
4	5.719		.373			4.511		.368		
	17.716	5.905		1.132		14.085	4.695		1.090	
	5.919		.182			6.899		.189		
	5.737		.185			6.710		.190		
5	5.552		.367			6.520		.379		
	17.208	5.736		1.499		20.129	6.710		1.469	
		32.625					24.931			

F.B. 2448 P.G. 45

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor BM10 To Tor BM5-5
Date 2 Aug 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.879	32.625	.180	1.499		7.081	24.931	.189	1.469	
	2.699		.181			6.892		.192		
6	2.518		.361			6.700		.381		
	8.096	2.699		1.860		20.673	6.891		1.850	
	5.906		.185			3.870		.187		
	5.722		.183			3.683		.184		
7	5.539		.368			3.499		.371		
	17.167	5.722		2.228		11.052	3.684		2.221	
	7.052		.191			4.110		.179		
	6.861		.190			3.931		.176		
8	6.671		.381			3.755		.355		
	20.584	6.861		2.609		11.796	3.932		2.576	
	6.821		.180			3.739		.191		
	6.641		.179			3.548		.192		
9	6.462		.359			3.356		.383		
	19.924	6.641		2.968		10.643	3.548		2.959	
	5.782		.145			7.250		.151		
	5.637		.147			7.099		.150		
10	5.490		.292			6.949		.301		
	16.909	5.636		3.260		21.298	7.099		3.260	
	60.184					50.085				

F.B. 2448 P.G. 46

76P52-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 09:45-10:30 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From Tot BM10-1 To Tot BM15-5
Date 2 Aug 1960
Indexed H.F. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.820	60.184	.150	3.260		7.971	50.085	.147	3.260	
	2.670		.150			7.824		.145		
11	2.520		.300			7.679		.292		
	8.010	2.670		3.560		23.474	7.825		3.552	
	2.812		.144			8.791		.152		
	2.668		.148			8.639		.150		
12	2.520		.292			8.489		.302		
	8.000	2.667		3.852		25.919	8.640		3.854	
	5.652		.147			4.012		.150		
	5.505		.146			3.862		.150		
13	5.359		.293			3.712		.300		
	16.516	5.505		4.145		11.586	3.862		4.154	
	7.437		.186			3.738		.187		
	7.251		.185			3.551		.183		
14	7.066		.371			3.368		.370		
	21.754	7.251		4.516		10.657	3.552		4.524	
	7.198		.186			3.563		.185		
	7.012		.184			3.378		.186		
15	6.828		.370			3.192		.371		
	21.038	7.013		4.886		10.133	3.378		4.895	
		86.290					77.342			

F.B. 2448 P.G. 47

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by F. E. B. Time 09:45-[illegible] Rod No. 31-32

Name L. A. Co. Precise Leve
Job No. 0301.02
From Tor BM 10-1 To Tor BM 5-5
Date
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
	4.928	85.230	.188	4.886		8.000	77.342	.188	4.895	Tor. BM 5-5
	4.740		.188			7.812		.184		Entradero Ave, Meyer Ln.
16	4.552		.376			7.628		.372		and 190th St. see
	14.220	4.740		5.262		23.440	7.813		5.267	F.B. 2447-230
									5262	
									10529	
										Summation of Run From Tor BM 10-1 To Tor BM 5-5
										Total Back sights = + 90.030
										" Fore sights = - 85.155
										diff. elev = + 4.875

F.B. 2448 P.G. 48

90.030 / 85.155

76P523-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: Sunny Inst. No. 15066
Notes by: F.E.B. Time: 10:40-11:20 Rod No. 31-32

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: Tov BM 10-1 To: Tov BM 10-2
Date: 2 Aug 1960
Indexed: H.E.O.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.018		.088			5.529		.088		Tov BM 10-1
	5.930		.087			5.441		.088		En Tradero Ave and Del Amo
1	5.843		.175			5.353		.176		Blvd see F.B. 2448-38
	17.791	5.930		.175	80°	16.323	5.441		.176	
	3.848		.186			6.569		.184		
	3.662		.185			6.383		.185		T LeGault
2	3.477		.371			6.198		.369		
	10.987	3.662		.541		19.148	6.383		.545	
	6.935		.147			3.385		.150		
	6.788		.148			3.235		.150		
3	6.640		.295			3.085		300		
	20.363	6.788		.841		9.705	3.235		.845	
	2.830		.165			9.361		.163		
	2.665		.166			9.198		.167		
4	2.499		.331			9.031		.330		
	7.994	2.665		1.172		27.590	9.197		1.175	
	0.993		.150			7.356		.158		
	0.843		.150			7.196		.160		
5	0.693		300			7.038		.318		
	2.529	0.843		1.472		21.592	7.197		1.493	
	19.888					31.453				

F.B. 2448 P.G. 19

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by FEB Time 10:40-11:20 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 030102
From Tor. BM 10-1 To Tor. BM 10-2
Date 2 Aug 1960
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.322	19.888	.191	1.472		11.508	31.453	.186	1.493	
	4.131		.191			11.322		.183		
6	3.940		.382			11.139		.369		
	12.393	4.131		1.654		33.969	11.323		1.862	
	1.670		.188			6.589		.189		
	1.482		.187			6.400		.188		
7	1.295		.375			6.212		.377		
	4.447	1.482		2.229		19.201	6.400		2.239	
	4.952		.184			5.911		.186		
	4.668		.188			5.725		.185		
8	4.480		.372			5.540		.371		
	14.000	4.667		2.601		17.176	5.725		2.610	
	4.989		.189			6.051		.185		
	4.800		.188			5.866		.187		
9	4.612		.367			5.679		.372		
	14.401	4.800		2.968		17.596	5.865		2.982	
	4.860		.190			5.238		.187		
	4.670		.190			5.051		.183		
10	4.480		.380			4.868		.370		
	14.010	4.670		3.348		15.157	5.052		3.352	
		39.638					65.818			

F.B. 2448 P.G. 50

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76P52-CE 379--10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 10:40-11:20 Rod No. 31-32

Name L. A. Co. Precise Level Net
Job No. 0301.02
From Tor BM 10 To Tor BM 10-2
Date 2 Aug 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.593	39.638	.185	3.348		4.969	65.818	.187	3.352	
	5.408		.188			4.782		.184		
11.	5.220		.373			4.598		.371		
	16.221	5.407		3.721		14.349	4.783		3.723	
	5.579		.189			5.125		.186		
	5.390		.189			4.939		.189		
12.	5.201		.378			4.750		.375		
	16.170	5.390		4.099		14.814	4.938		4.098	
	5.378		.095			5.380		.097		Tor BM 10-2
	5.283		.093			5.283		.096		Henrie Ha St. and Edgemere Dr
13	5.190		.188			5.187		.193		see F.B. 2448-39
	15.851	5.284		4.287		15.850	5.283		4.291	
									4.287	
									8.578	Summation of Run
										From Tor BM 10-1
										To Tor BM 10-2
										Total Back sights = + 55.719
										" Fore sights = - 80.822
										diff. elev = - 25.103
	55.719					80.822				

F.B. 1448 P.G. 55

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name: L.A.Co. Precise Level Net
Job No.: 0301.02
From: Tor. BM 10-2 To: Tor BM 10-1
Date: 2 Aug 1960
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5.418		.098			5.414		.093		Tor. BM 10-2
	5.320		.096			5.321		.092		Hemrietta St. and Edgemere Dr.
	5.224		.194			5.229		185		See F.B. 2448-39
	15.962	5.321		.194	80°	15.964	5.321		.185	
2	5.181		.188			5.635		.187		
	4.993		.186			5.448		.189		π Le Gault
	4.807		.374			5.259		.376		
	14.981	4.994		.568		16.342	5.447		.561	
3	5.069		.188			5.691		.188		
	4.881		.184			5.503		.184		
	4.697		.372			5.319		.372		
	14.647	4.882		.940		16.513	5.504		.937	
4 (F.B. 2448 P.G. 52) 4	5.350		.190			4.969		.189		
	5.160		.187			4.780		.185		
	4.973		.377			4.595		.374		
	15.483	5.161		.1317		14.344	4.781		.1307	
5	6.011		.188			4.944		.186		
	5.823		.185			4.758		.187		
	5.638		.373			4.571		.373		
	17.472	5.824		.1690		14.273	4.758		.1680	
	26.182					25.811				

76P526 CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: Tot BM 10-2 To: Tot BM 10-1
Date: 2 Aug 1960
Indexed: H.E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.859	26.182	.187	1.690		4.805	25.811	.185	1.680	
	5.672		.184			4.620		.188		
6	5.488		.371			4.432		.373		
	17.019	5.673		2.061		13.857	4.619		2.053	
	6.562		.186			1.644		.187		
	6.376		.188			1.457		.188		
7	6.188		.374			1.269		.375		
	19.126	6.375		2.435		4.370	1.457		2.428	
	11.557		.187			4.371		.187		
	11.370		.188			4.184		.185		
8	11.182		.375			3.999		.372		
	34.109	11.370		2.810		12.554	4.185		2.800	
	7.331		.160			0.968		.148		1 hr. for lunch
	7.171		.159			0.820		.149		
9	7.012		.319			0.671		.297		
	21.514	7.171		3.129		2.459	0.820		3.097	
	9.198		.165			2.672		.168		
	9.033		.161			2.504		.167		
10	8.872		.326			2.337		.335		
	27.103	9.034		3.455		7.513	2.504		3.432	
		66.805					39.396			

F.B. 2448 P.G. 57

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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 Sunny Inst. No. 15066
Notes by F.E.B. Time 11:25 - 13:10 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor BM 10-2 To Tor. BM 10-1
Date 2 Aug 1900
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	2.768	65.805	.145	3.455		6.326	39.396	.155	3.432	
	2.623		.145			6.171		.152		
	2.478		.290			6.019		.307		
	7.869	2.623		3.745		18.516	6.172		3.739	
12	6.038		.186			3.322		.187		
	5.852		.184			3.135		.185		
	5.668		.370			2.950		.372		
	17.558	5.853		4.115		9.407	3.136		4.111	
13	5.436		.087			5.923		.086		Tor. BM 10-1
	5.349		.089			5.837		.088		Entradero Ave and Del Amo Blvd
	5.260		.176			5.749		.174		see F.B. 2448 - 38
	16.045	5.348		4.291		17.509	5.836		4.285	
										Summation of Run From Tor BM 10-2 To Tor BM 10-1
										Total Backsights = + 79.629 " Foresights = - 54.540 diff. elev. = + 25.089
	79.629					54.540				

F.B. 2448 P.G. 54

76P526 CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 08:40 - 09:15 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 039.02
From Tor BM 10-2 To Tor BM 10-1
Date 3 Aug 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5405		.096			5.401		.092		Tor BM 10-2
	5309		.096			5309		.094		Henrietta St. and Edgemere
	5213		.192			5215		.186		Dr. see F.B. 2448-39
	15927	5.309		192	74°	15.925	5.308		186	
2	5.179		.188			5.634		.187		T LeGault
	4.991		.185			5.447		.188		
	4.806		.373			5.259		.375		
	14.976	4.992		.565		16.340	5.446		.561	
3	5.060		.186			5.683		.184		
	4.874		.184			5.499		.188		
	4.690		.370			5.311		.372		
	14.624	4.875		.935		16.493	5.498		.933	
4	5.320		.188			4.938		.187		
	5.132		.185			4.751		.188		
	4.947		.373			4.563		.375		
	15.399	5.133		1.308		14.252	4.751		1.308	
5	6.111		.187			5.043		.186		
	5.924		.186			4.857		.187		
	5.738		.373			4.670		.373		
	17.773	5.924		1.681		14.570	4.857		1.681	
	26.233					25.860				

F.B. 2448 P.G. 55

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: Sunny Inst. No. 15066
Notes by: F.E.B. Time: 08:40 - 09:15 Rod No. 31-32

Name: L.A.C. Precise Level Net
Job No. 0701.02
From: To: BM 10-2 To: To: BM 10-1
Date: 3 Aug 1960
Indexed: H.E.Off

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	5.910	26.233	.188	1.681		4.853	25.860	.184	1.681	
	5.722		.184			4.669		.188		
	5.538		.372			4.481		.372		
	17.170	5.723		2.053		14.003	4.668		2.053	
7	6.639		.189			1.712		.186		
	6.450		.187			1.526		.189		
	6.263		.376			1.338		.375		
	19.352	6.451		2.429		4.577	1.526		2.426	
8	11.584		.185			4.401		.186		
	11.399		.188			4.215		.186		
	11.211		.373			4.029		.372		
	34.194	11.398		2.802		12.645	4.215		2.798	
9	7.421		.160			1.653		.146		
	7.261		.159			0.907		.148		
	7.102		.319			0.759		.294		
	21.784	7.261		3.121		2.719	0.906		3.092	
10	9.241		.160			2.721		.170		
	9.081		.159			2.551		.171		
	8.922		.319			2.380		.341		
	27.244	9.081		3.440		7.652	2.551		3.433	
	66.149					39.726				

F.B. 2416 P.G. 56

76P52-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 08:40-09:10 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor BM 10-2 To Tor BM 10-1
Date 3 Aug 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.685	6.147	.150	3.440		6.237	39.726	.150	3.433	
	2.535		.146			6.087		.152		
11	2.389		.296			5.935		.302		
	7.609	2.536		3.736		18.259	6.086		3.735	
	6.031		.184			3.311		.185		
	5.847		.187			3.126		.187		
12	5.660		.371			2.939		.372		
	17.538	5.846		4.107		9.376	3.125		4.107	
	5.508		.088			5.995		.087		Tor. BM 10-1
	5.420		.090			5.908		.088		Entradero Ave and Del
13	5.330		.178			5.820		.175		Amo Blvd see F.B. 2448-38
	16.258	5.419		4.285		17.723	5.908		4.282	
										Summation of Run From Tor BM 10-2 To Tor BM 10-1
										Total Backsights = + 79.948
										Total Foresights = - 54.845
										diff. elev = + 25.103
	79.948					54.845				

F.B. 2449 P.G. 57

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

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

F.B. 2448 P.G. 58

76P526-CE 379--10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor BM 10-2 To Tor BM 6-4
Date 2 Aug 1960
Indexed B.E.O.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.476		.188			4.738		.188		Tor BM 10-2
	6.288		.186			4.550		.185		Henrietta St. and Edgemere Dr.
1	6.102		.374			4.365		.373		See F.B. 2448-39
	18.866	6.289		.374		13.653	4.551		.373	
	6.326		.185			4.922		.188		
	6.141		.187			4.734		.189		π Sirmann
2	5.954		.372			4.545		.377		
	18.421	6.140		.746		14.201	4.734		.750	
	6.179		.188			4.865		.186		
	5.991		.186			4.679		.185		
3	5.805		.374			4.494		.371		
	17.975	5.992		1.120		14.038	4.679		1.121	
	6.382		.187			4.940		.186		
	6.195		.187			4.754		.186		
4	6.008		.374			4.568		.372		
	18.585	6.195		1.494		14.262	4.754		1.493	
	6.470		.186			4.950		.187		
	6.284		.184			4.763		.185		
5	6.100		.370			4.578		.372		
	18.854	6.285		1.864		14.291	4.764		1.865	
	30.901					23.482				

F.B. 2448 P.G. 39

76P526-CE 379—10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name: L.A.Co. Precise Level Net
Job No. 0301.02
From: Tor BM To: Tor BM 6-4
Date: 2 Aug 1960
Indexed: H.E.O.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	6.298	30.901	.189	1.864		4.678	23.482	.188	1.865	
	6.109		.185			4.490		.188		
	5.924		.374			4.302		.376		
	18.331	6.110		2.238		13.470	4.490		2.241	
7	6.789		.076			3.098		.077		
	6.713		.073			3.021		.073		
	6.640		.149			2.948		.150		
	20.142	6.714		2.387		9.067	3.022		2.791	
8	8.549		.066			1.960		.069		
	8.483		.066			1.891		.067		
	8.417		.132			1.824		.136		
	25.449	8.483		2.519		5.675	1.892		2.527	
9	9.007		.067			1.718		.068		
	8.940		.067			1.650		.067		
	8.873		.134			1.583		.135		
	26.820	8.940		2.653		4.951	1.650		2.662	
10	9.000		.069			1.906		.066		
	8.931		.066			1.840		.069		
	8.865		.135			1.771		.135		
	26.796	8.932		2.788		5.517	1.839		2.797	
		70.080					36.375			

F.B. 2448 P.G. 60

76P520-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 13:20 - 14:10 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 03.01.02
From Tor B.M. 10-2 To To B.M. 6-4
Date 2 Aug. 60
Indexed H.E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.363	70.080	.065	2.788		4.150	36.375	.065	2.797	Summation of Run
	8.298		.068			4.085		.065		From Tor BM 10-2
11	8.230		.133			4.020		.130		To Tor BM 6-4
	24.891	8.297		2.921		12.255	4.085		2.927	
	6.074		.184			5.279		.185		Total Backsights = + 96.458
	5.890		.185			5.094		.186		" Fore sights = - 57.337
12	5.705		.369			4.908		.371		diff elev. = + 39.121 ✓
	17.669	5.890		3.290		15.281	5.094		3.298	
	5.910		.146			4.823		.150		
	5.764		.146			4.673		.148		
13	5.618		.292			4.525		.298		
	17.292	5.764		3.582		14.021	4.674		3.596	
	6.541		.113			7.218		.110		Tor BM 6-4
	6.428		.116			7.108		.107		Torrance Blvd and Palos
14	6.312		.229			7.001		.217		Verdes Blvd
	19.281	6.427		3811		21.327	7.109		3813	See F.B. 2448 —
									3811	
									7624	
		96.458 ✓					57.337			

F.B. 2448 P.G. 51

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather Sunny - Windy Inst. No. 15066
Notes by F.E.B. Time 14:15 - 15:00 Rod No. 31-22

Name L.A.Co. Pierce Lake Dr.
Job No. 0301-02
From Tor BM 6-4 To Tor BM 10-2
Date 2 Aug 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	7.290		.109			6.610		.111		Tor BM 6-4
	7.181		.111			6.499		.114		Torrance Blvd and Palos
	7.070		.220			6.385		.225		Verdes Blvd see
	21.541	7.180		.220	80°	19.494	6.4981		.225	F.B. 2448 —
2	4.793		.148			5.882		.150		
	4.645		.145			5.732		.147		T Siemann
	4.500		.293			5.585		.297		
	13.938	4.646		.513		17.199	5.733		.522	
3	5.358		.187			6.168		.186		
	5.171		.183			5.982		.182		
	4.988		.370			5.800		.368		
	15.517	5.172		.883		17.950	5.983		.890	
F.B. 2448 P.G. 62 4	4.171		.064			8.387		.067		
	4.107		.066			8.320		.069		
	4.041		.130			8.251		.136		
	12.319	4.106		1.013		24.958	8.319		1.026	
5	1.902		.068			8.990		.065		
	1.834		.066			8.925		.065		
	1.768		.134			8.860		.130		
	5.504	1.835		1.147		26.775	8.925		1.156	
		22.939					35.458			

76P5[illegible]8-CE 379—10-57

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Chief of Party F.E. Brooks Weather Sunny-Windy Inst. No. 15066
Notes by F.E.B. Time 14:15-15:00 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor BM 6-4 To Tor BM 10-2
Date 2 Aug 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.752	22.939	.068	1.141		9.040	36.458	.067	1.156	
	1.684		.069			8.973		.065		
6	1.615		.137			8.908		.132		
	5.051	1.684		1.284		26.921	8.974		1.288	
	1.950		.068			8.539		.068		
	1.882		.067			8.471		.065		
7	1.815		.135			8.406		.133		
	5.647	1.882		1.419		25.416	8.472		1.421	
	3.121		.074			6.810		.072		
	3.047		.076			6.738		.076		
8	2.971		.150			6.662		.148		
	9.139	3.046		1.569		20.210	6.737		1.569	
	4.640		.190			6.259		.188		
	4.450		.188			6.071		.185		
9	4.262		.378			5.886		.373		
	13.352	4.451		1.947		18.216	6.072		1.942	
	4.985		.185			6.508		.187		
	4.800		.189			6.321		.186		
10	4.611		.374			6.135		.373		
	14.396	4.799		2.321		18.964	6.321		2.315	
		38.801					92.034			

F.B. 2448 P.G. 43

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather Sunny - Windy Inst. No. 5066
Notes by F.E.B. Time 14:15 - 15:00 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor. BM 6-4 To Tor. BM 10-2
Date
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.928	38.801	.185	2.321		6.365	72.034	.185	2.315	
	4.743		.185			6.180		.189		Summation of Run
11	4.558		.370			5.991		.374		From Tor. BM 6-4
	14.229	4.743		2.691		18.536	6.179		2.689	To Tor. BM 10-2
	4.936		.186			6.249		.187		
	4.750		.187			6.062		.184		Total Backsights = + 57.796
12	4.563		.373			5.878		.371		" Foresights = - 96.928
	14.249	4.750		3.064		18.189	6.063		3.060	diff. elev. = - 39.132
	4.960		.189			6.370		.186		
	4.771		.195			6.184		.184		
13	4.586		.374			6.000		.370		
	14.317	4.772		3.438		18.554	6.185		3.430	
	4.913		.183			6.652		.184		Tor. BM 10-2
	4.730		.182			6.468		.188		Henrietta St. and Edgemere
14	4.548		.365			6.280		.372		Dr. See F.B. 2448-39
	14.191	4.730		3.803		19.400	6.467		3.802	
	57.796					96.928				

F.B. 2448 P.G. 64

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

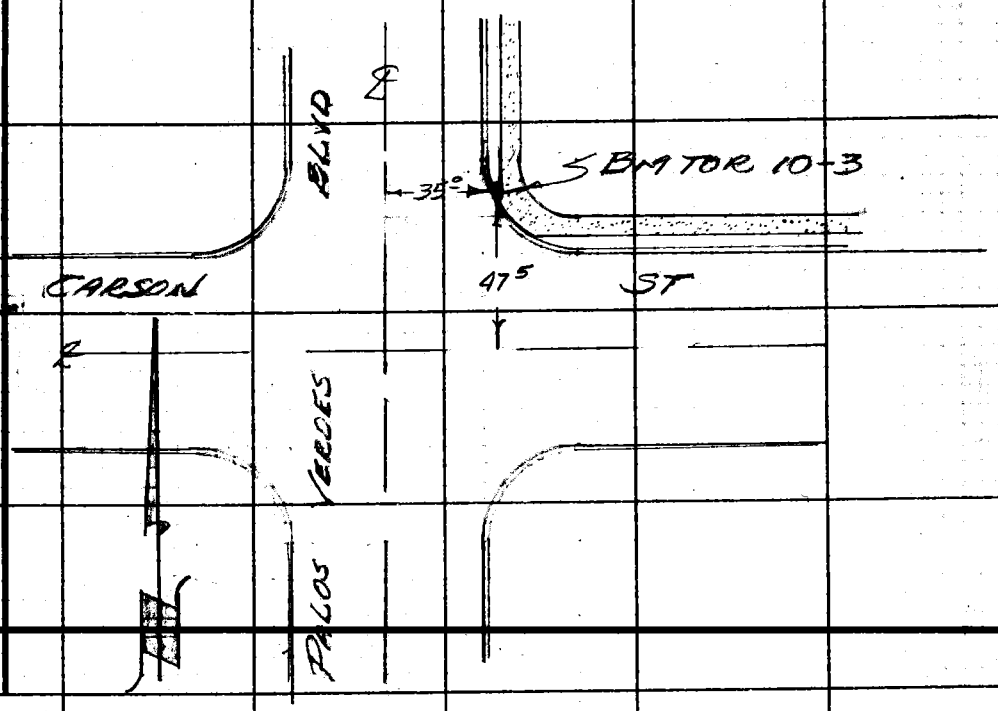
L. A. CO. PRECISE LEVEL NET
Survey of
JN 0301.02 Tape Std °F
Surveyed by A.C. GUIZADO
Notes ACG Date 8-2-60
Indexed H. E. OTT

F. B. 2448 Pg. 65

L. A. County 55-42
B. M. No. 55-10-3

BM TOR 10-3 =

CITY OF TORRANCE — PALOS VERDES BLVD & CARSON ST — SE COR; 47° S & 35° E OF ℄ OF STREETS; FD A STD COUNTY ENGR. BM BRASS CAP MONUMENT MKD "TOR 10-3" IN A WELL IN CONCRETE DOWN 10" & PROTECTED BY A CAST IRON COVER MKD "COUNTY ENGR. MONUMENT."



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76F3005 S&E #247 11-58

F. B. 2448 PG 66

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76P52[illegible]B CE # 308 8-59

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

SURVEY BY A.C. GUIZADO WEATHER HOT & CLEAR INST. NO. 7523

NOTES BY A.L.G. DATE 8-2-60 TIME 11.15 TO 11.55 ROD NO. 95 & 96

INDEXED N. E. OTT DATE NOTES CHKD DATE

F.B. 2448 Pg. 67

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS FROM BM TOR 6-4 TO BM TOR 10-3
BM TOR 6-4													BM TOR 6-4
1	035	529	336	5	X2 44 35	18	258	553	559	5	268 248	20	TORRANCE BLVD & PALOS VERDES BV
2	013	712	314	5	X5 28 13	30	263	574	564	5	278 248	30	SEE F.B 2448-90 FOR DESC
3	084	424	385	5	107 61	46	045	517	346	5	68 22	46	
4	297	408	598	5	X2 297 282	30	014	913	315	5	X2 29 14	30	
5	219	087	520	5	242 196	46	147	949	448	5	170 124	46	
6	169	334	470	5	[illegible] 146	46	154	079	455	5	177 131	46	⊼ J.W LYBAND
7	172	627	473	5	195 149	46	224	133	525	5	247 201	46	
8	012	692	313	5	X2 27 12	30	293	449	584	5	X2 293 277	30	
9	022	782	323	5	39 5	34	275	171	576	5	191 259	32	
TOTAL	1027	535	CM			326	1677	338	CM			326	
							1027	595				326	
DIFF IN ELEV BM TOR 10-3							649	743	CM			652	Meters
												652	BM TOR 10-3 PALOS VERDES BV & CARSON ST SEE F.B 2448- FOR DESC

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM TOR 10-3 TO BM TOR 6-
BM TOR 10-3													BM TOR 10-3
1	290	712	591	5	12 290 272	36	05[illegible]	308	359	5	75 41	34	PALOS VERDES BLVD &
2	296	230	597	5	12 293 281	30	0[illegible]	261	307	5	12 20 6	28	CARSON ST SEE F.B. FOR DESC
3	232	918	533	5	256 208	48	171	505	472	5	194 148	46	
4	157	406	458	5	180 134	46	171	761	472	5	194 148	46	
5	148	461	449	5	171 125	46	2[illegible]	794	521	5	243 197	46	⊼ J.W LYBAND
6	021	479	322	5	36 6	30	30[illegible]	232	602	5	12 301 285	32	
7	042	278	343	5	65 19	46	0[illegible]	611	382	5	104 58	46	
8	260	139	561	5	275 245	30	00[illegible]	139	306	5	12 20 5	30	
9	257	978	558	5	266 248	18	0[illegible]	121	341	5	50 30	20	
TOTAL	1707	601	CM			330	105[illegible]	932	CM			328	
	1057	932										330	
												658	FIELDS
DIFF LEV BM TOR 6-4	649	669	CM										BM TOR 6-4 TORRANCE BLVD & PALOS VERDES BV SEE F.B FOR DESC

F.B. 2448 PG. 68

SURVEY OF U.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG

INDEXED H.E. OTT DATE

JOB NO. 0301.02

WEATHER CLEAR & HOT INST. NO. 75234

TIME 10.20 TO 11.15 ROD NO. 35690

NOTES CHKD DATE

76P5[illegible]B CE # 306 8-59

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

SURVEY BY A. E. GUIZADO WEATHER HOT & WINDY INST. NO. 75234

NOTES BY A L G DATE 8-2-60 TIME 1.10 TO 1.40 ROD NO. 95296

INDEXED H. E. OTT DATE NOTES CHKD DATE

F.B. 2448 PG. 69

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM TOR 10-3 TO BM TOR 7-4
BM TOR 10-3													BM TOR 10-3
1	156	872	457	5	179 133	46	147	104	448	5	170 124	46	PALOS VERDES BV &
													CARSON ST
2	169	849	470	5	192 146	46	122	988	423	5	145 99	46	SEE F.B. FOR DESC
3	250	878	551	5	273 227	46	058	603	359	5	81 35	46	
4	247	209	398	5	270 224	46	054	092	355	5	77 31	46	
													J. W LYBAND
5	253	665	554	5	276 230	46	059	553	360	5	82 36	46	
6	217	299	518	5	234 200	34	182	352	483	5	199 146	33	
TO AL	1295	772	CM			264	625	292	CM			263	
	625	292										264	
DIFF IN ELEV	670	480	CM									527	MEERS
BM TOR 7-4													BM TOR 7-4
													PALOS VERDES BV &
													SEPULVEDA BLVD
													SEE F.B. FOR DESC

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F.B. 2448 PG. 70 JOB NO. 0301 02 L. A. CO. PRECISE LEVEL NET

SURVEY OF A C G NOTES A L G

SURVEY BY H. E. OTT DATE 8-2-60

INDEXED

WEATHER CLEAR & HOT INST. NO. 75234

TIME 9.50 TO 10.20 ROD NO. 95 RSC

NOTES CHKD. DATE

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM TOR 7-4 TO BM TOR 10-3
BM TOR 7-4													BM TOR 7-4
1	157	722	455	5	174 140	34	10[illegible]	318	495	5	211 177	34	SEPULVEDA BLVD & PALOS VERDOS BLVD
2	046	079	397	5	60 23	46	2[illegible]	761	538	5	260 216	46	SEE F.B. 2448 - FOR DESC
3	047	291	348	5	70 24	46	241	345	542	5	264 218	46	
4	055	327	356	5	78 32	46	246	492	547	5	269 223	46	A J W LYBAND
5	100	694	46[illegible]	5	123 77	46	147	531	448	5	170 124	46	
6	149	113	450	5	172 126	46	15[illegible]	712	459	5	181 135	46	
TOTAL	556	826	CM				122[illegible]	259	CM				
							55[illegible]	826					
DISTR ERROR							670	733	CM				
BM TOR 10-3													BM TOR 10-3 PALOS VERDOS BLVD & CARBON ST SEE F.B. 2448 - FOR DESC

Notes Ck'd by	Survey of L. A. CO. PRECISE LEVEL NET	F. B. 2448 Pg. 81
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A C GUIZADO	
Checked	Notes ACG Date 7/28/60	
Date	Indexed M. E. OTT	

C. A. CO. PRECISE LEVEL NET

CITY OF TORRANCE

BENCH ELEVATIONS

JN 0301.02

Guizado

GOBLE
GRASNI
GLIDDEN

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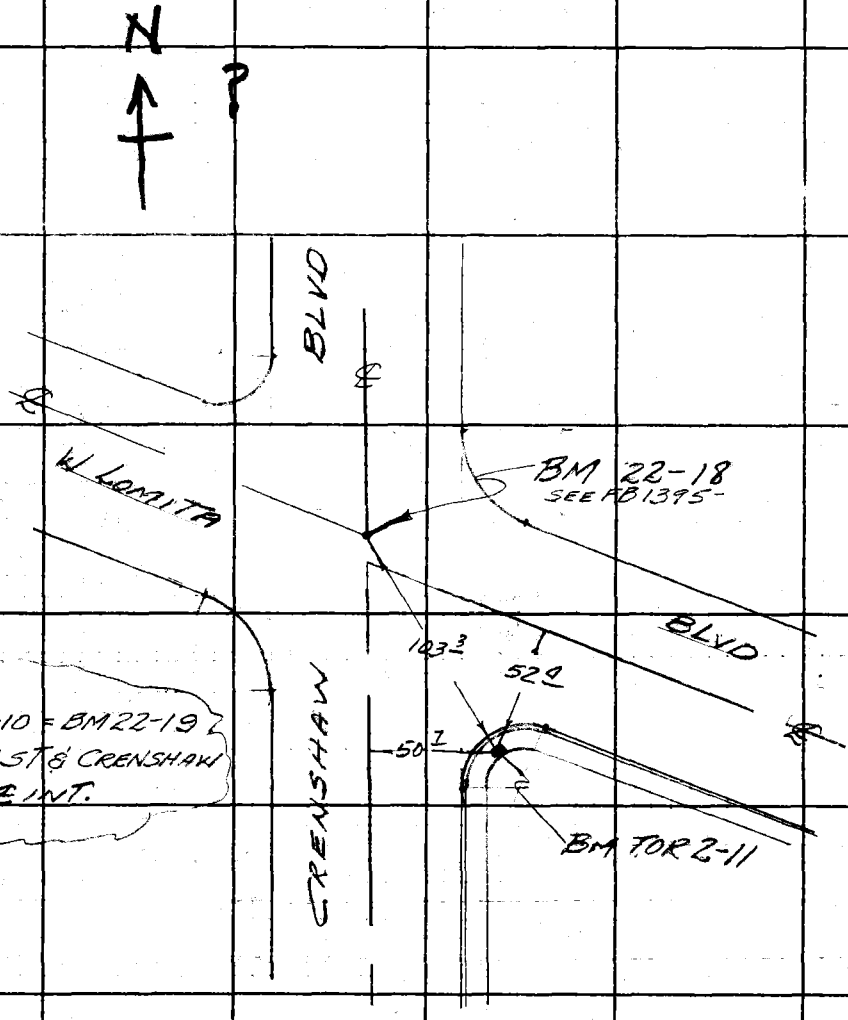
76F3 95 SEE #247 11-58

F. B 2448 PG 82

BM TOR 2-11 = L. A. County B. M. No. 55-2-11

CITY OF TORRANCE — SE COR OF CRENSHAW BLVD & W LOMITA BLVD. 52± S. OF LOMITA BLVD & 50± E. OF CRENSHAW BLVD, 103± SE OF ℄ INT (℄ to W) (BM 22-18) Fd A STD. CO. ENGR. BM BRASS CAP MON MKD "TOR 2-11" IN CONCRETE, IN A WELL DOWN 10" & PROTECTED BY A CAST IRON COVER MK'D "COUNTY ENGINEER MON."



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700 Los Angeles County Engineering Bldg.

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76P5[illegible]B CE # 308 8-59

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 22-18 TO BM TOR 2-11
BM 22-18													BM 22-18
1	163	670	464	5	176 / 150	26	165	399	466	5	179 / 152	27	CRENSHAW BLVD & W LOMITA BLVD
													SEE FB 1395 -
2	164	771	465	5	169 / 159	10	155	572	456	5	159 / 150	9	
TOTAL	328	441	✓				320	971					
	320	971											⊼ A.L. GOBLE
DIFF/ELEV	7	470	✓										
BM TOR 2-11													BM TOR 2-11
1	153	060	454	5	157 / 148	9	162	292	463	5	167 / 157	10	CRENSHAW & W LOMITA BLVD
													SEE FB 2448-82
2	162	702	463	5	175 / 148	27	160	961	461	5	173 / 147	26	
TOTAL	315	762					323	253					
							315	762					
DIFF/ELEV							7	491	✓				
BM 22-18													BM 22-18
													CRENSHAW & W LOMITA BLVD
													SEE FB 1395 -

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

SURVEY BY A.C. GUIZADO WEATHER Sunny INST. NO. 75234

NOTES BY A.C.G. DATE 7-28-60 TIME ROD NO. 95896

INDEXED DATE NOTES CHKD DATE

F.B. 2448 Pg. 83

F.B. 2448 Pg. 84

JOB NO.

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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

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

L. A. CO. PRECISE LEVEL NET
Survey of
JN 0301.02 Tape Std °F
Surveyed by A C GUIZADO
Notes ACG Date 7/27/60
Indexed H. E. OTT

F. B. 2948 PG. 85

L. A. CO. PRECISE LEVEL NET

CITY OF TORRANCE

BENCH ELEVATIONS

JN 0301.02

GUIZADO	A C
GOBLE	A L
GLIDDEN	R D
OHASHI	T

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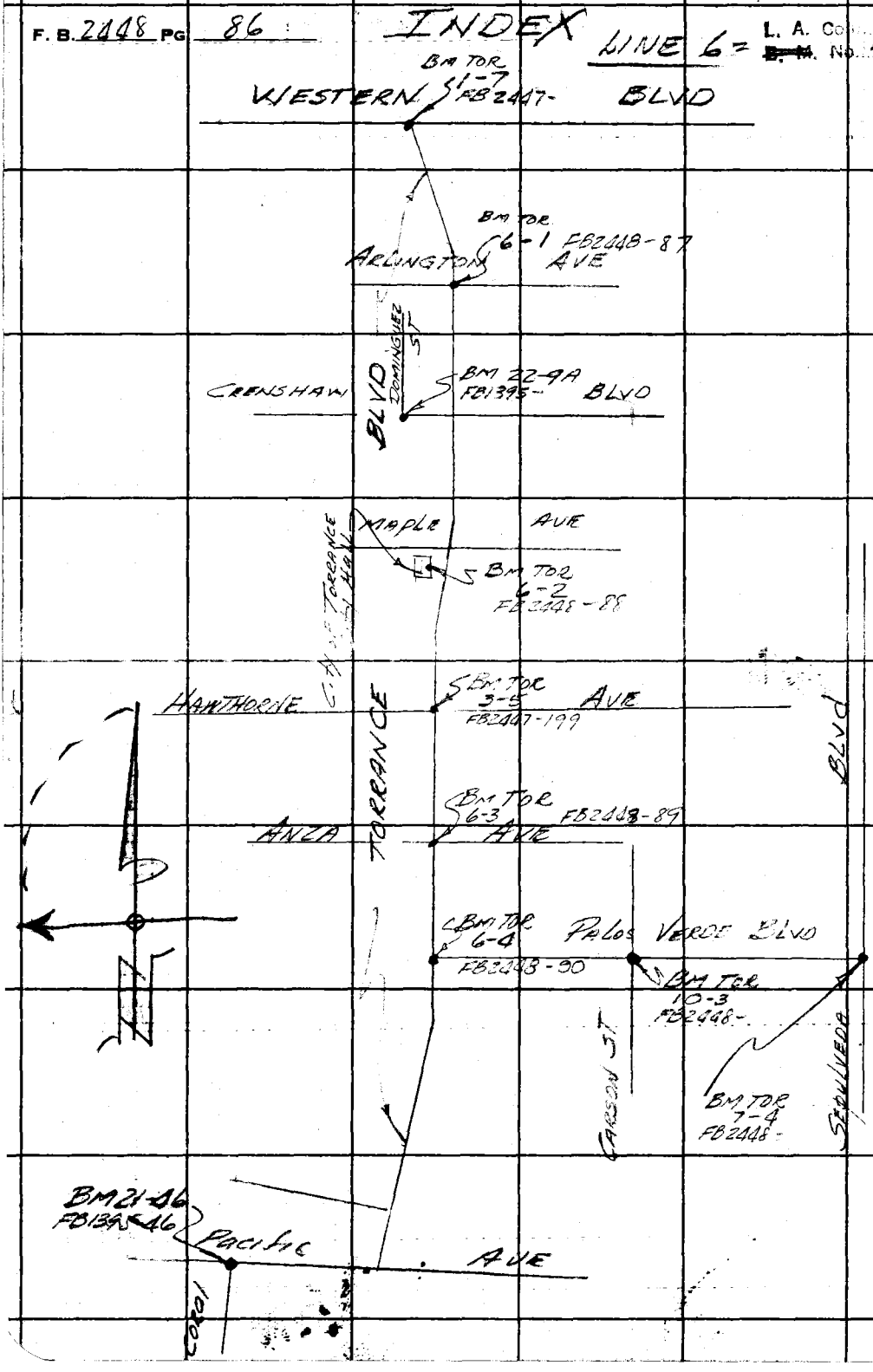
76F3095 S&E #247 11-59

F. B. 2448 PG 86

INDEX

LINE 6 = L. A. County Line ~~B.M.~~ No. 55 (Part)



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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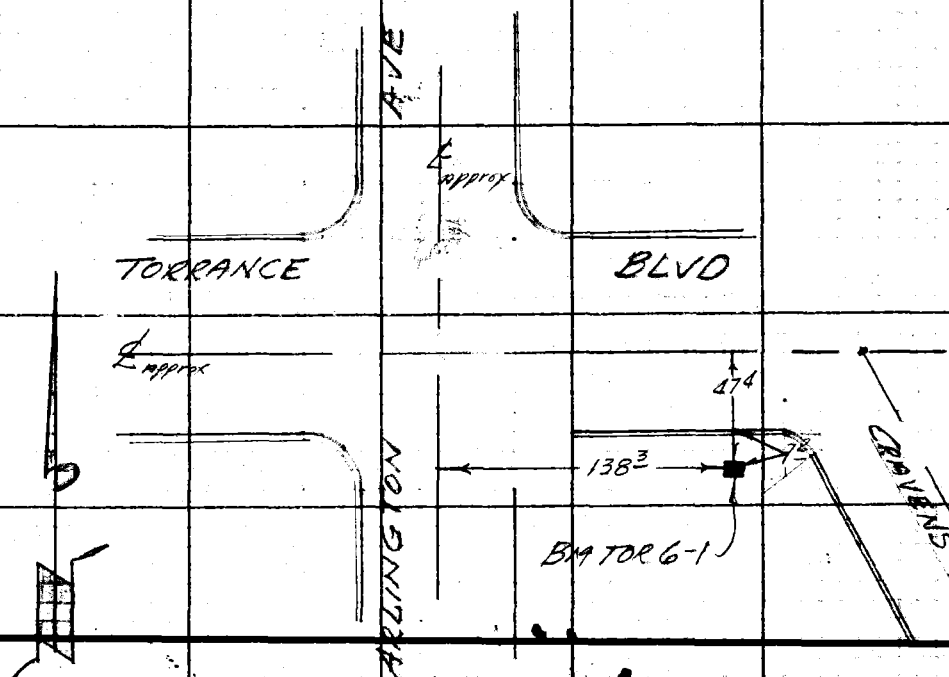
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	L. A. CO. PRECISE LEVEL NET	F. B. 2448 PG. 87
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A C GUIZADO	
Checked	Notes A C G Date 7-26-60	
Date	Indexed H. E. OTT	

L. A. County 55-27
B. M. No. 55-6-1

BM TOR 6-1 =
CITY OF TORRANCE - SO. SIDE OF TORRANCE BLVD & E OF ARLINGTON AVE 138³ ' E & 47⁴ S OF APPROX. CENTER LINES OF STREETS & 7³ S. OF S. CB FACE FD A STO CO. ENGR. BM BRASS CAP MON MK'D "TOR 6-1" IN CONCRETE, IN A WELL DN 10" & PROTECTED BY A CAST IRON COVER MK'D "COUNTY ENGINEER MONUMENT" IN THE SIDEWALK BETWEEN GAS STATION DRIVEWAYS.



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

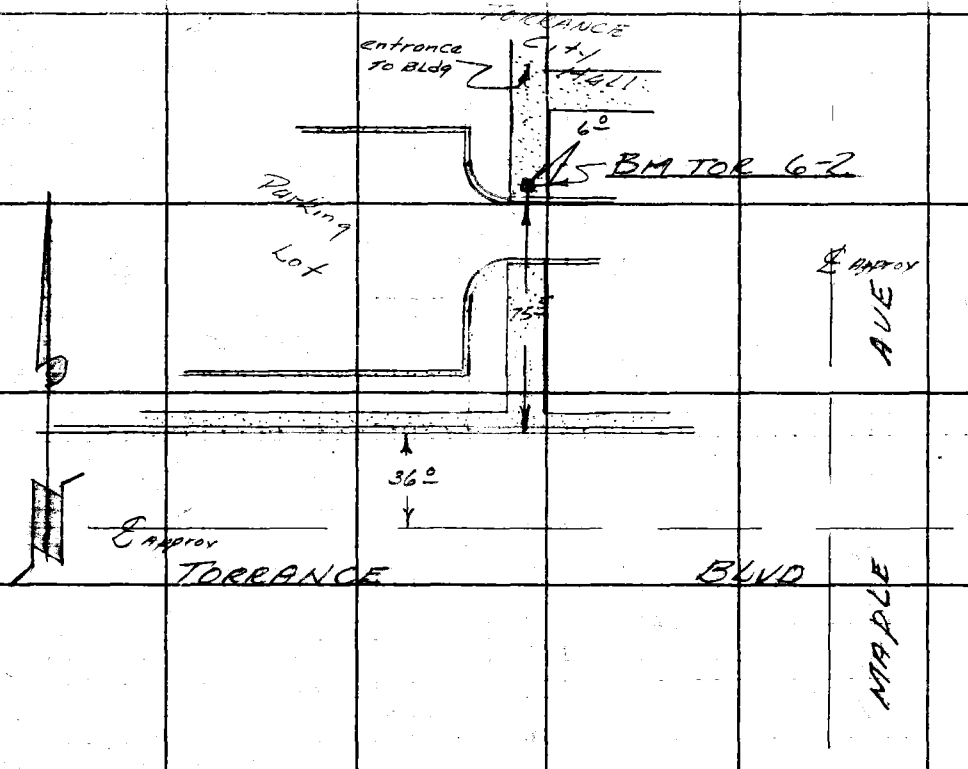
76F3-95 S&E #247 11-58

F. B. 2448 PG 88

L. A. County 55-28
B. M. No. 55-6-2

BM TOR 6-2 =

CITY OF TORRANCE — No. SIDE OF TORRANCE BLVD & 230 ± ft W. of MAPLE AVE, IN CONCRETE SIDEWALK OF MAIN ENTRANCE TO CITY HALL; 75± No. of No. Cb face & 6° W of E. EDGE OF WALK. Fd A STD. CO. ENGR. BM BRASS CAP MON. MK'D "TOR. 6-2" IN CONCRETE IN A WELL dn 10" & PROTECTED BY A CAST IRON COVER MK'D "COUNTY ENGINEER MON."



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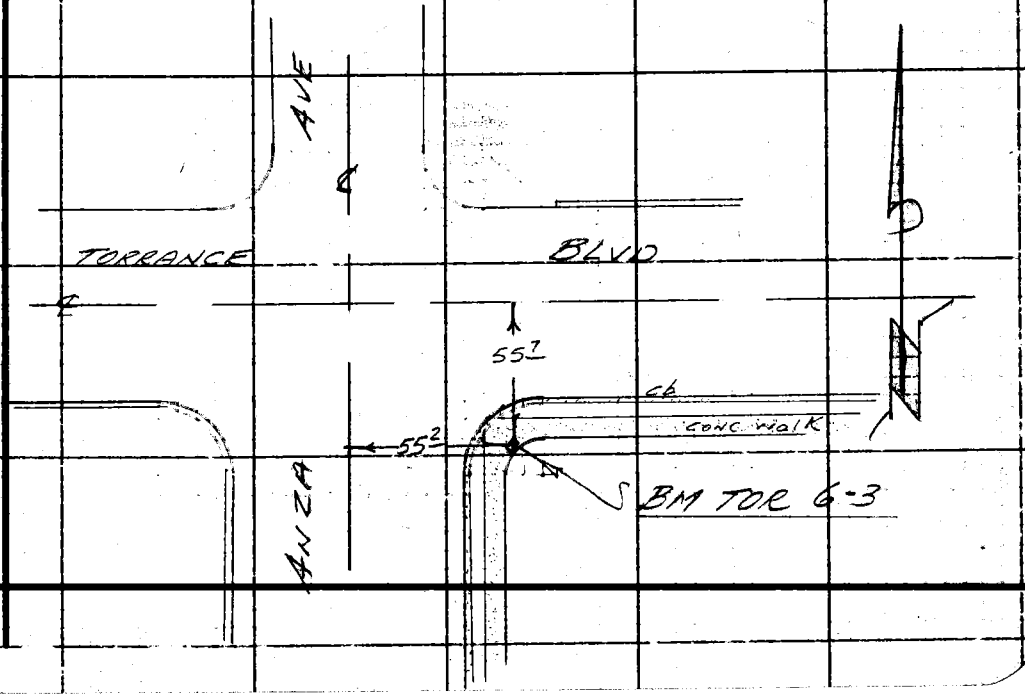
Notes Ck'd by	Survey of L. A. CO. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by A C GUIZADO
Checked	Notes ACG Date 7/27/60
Date	Indexed H. E. OTT

F. B. 2448 Pg. 89

L. A. County ~~55-29~~
B. M. No. 55-6-3

BM TOR 6-3

CITY OF TORRANCE — SE COR OF TORRANCE BLVD & ANZA AVE; 55' S & 55' E OF ℄ OF STREETS IN CONCRETE SIDEWALK at ∆/2 — Fd A STD CO. ENGR BM BRASS CAP MON MK'D "TOR 6-3" IN CONCRETE IN A WELL DOWN 10" & PROTECTED BY A CAST IRON COVER MK'D "COUNTY ENGINEER MONUMENT."



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3 98 S&E #247 11-58

F. B. 2448 PG 90

L. A. County 55-30
B. M. No. 55-6-4

BM TOR 6-4 =
CITY OF TORRANCE - SE COR OF TORRANCE BLVD & PALOS VERDES BLVD, S & E OF ℄ OF STREETS FD A STD COUNTY ENGR BM BRASS CAP MON MK'D "TOR 6-4" IN CONCRETE IN A WELL DN. 10" & PROTECTED BY A CAST IRON MK'D "COUNTY ENGR MON"

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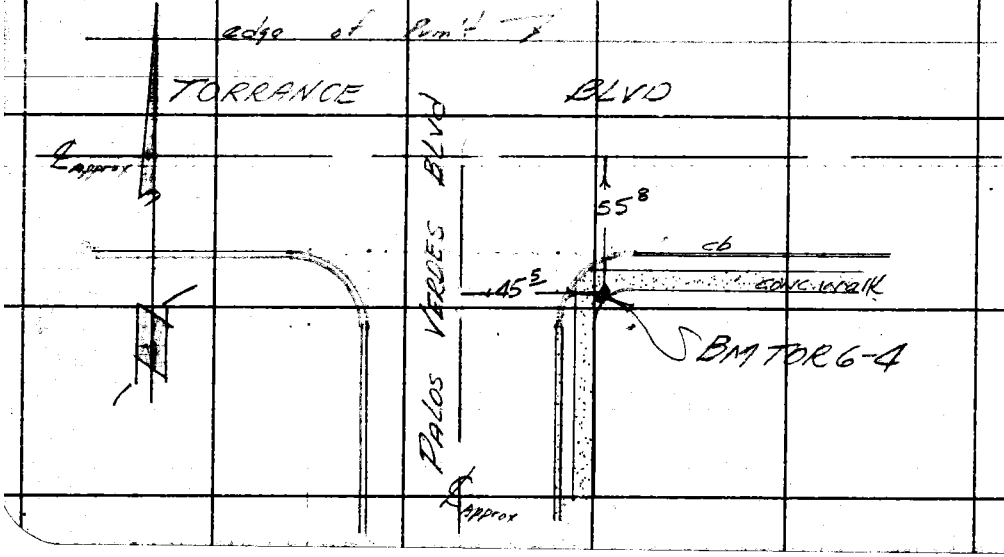

76P5[illegible]B CE # 308 8-59

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

SURVEY BY A.C. GUIZADO WEATHER Windy & Sunny INST. NO. 75234

NOTES BY ACG DATE 7-26-60 TIME 1:05-1:40 ROD NO. 75896

INDEXED H.E. OTT DATE NOTES CHKD. DATE

F.B. 2448 91

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM TOR 1-7 TO BM TOR 6-1
BM TOR 1-7													BM TOR 1-7 (HEX BOLT IN CONC)
1	101	374	402	5	124 / 78	46	166	055	467	5	189 / 142	47	WESTERN AVE & TORRANCE BLVD
													SEE FB 2447-
2	184	390	485	5	207 / 161	46	069	764	370	5	92 / 46	46	
3	271	887	572	5	294 / 248	46	037	848	338	5	60 / 14	46	
													⊼ = R.D. GLIDDEN
4	274	202	575	5	297 / 251	46	073	332	374	5	96 / 49	47	
5	269	675	570	5	292 / 245	47	058	535	359	5	82 / 34	48	
6	233	761	534	5	256 / 210	46	094	465	395	5	117 / 71	46	
7	282	132	583	5	282 / 261	42	136	124	437	5	157 / 114	43	
8	202	154	503	5	226 / 178	48	129	662	430	5	150 / 107	43	
9	199	740	500	5	222 / 176	46	119	105	420	5	142 / 96	46	
10	188	999	489	5	209 / 166	43	120	258	421	5	141 / 98	43	
11	199	063	500	5	222 / 176	46	141	221	442	5	164 / 118	46	
12	217	639	518	5	230 / 204	26	189	901	490	5	202 / 175	27	
TOTAL	2625	316				526	1336	270				528	
	1336	270									METER =	1,054	BM TOR 6-1
DIFF ELEV	1289	046											TORRANCE BLVD & ARLINGTON AVE
BM TOR 6-1													SEE FB 2448-87

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM TOR 6-1 TO BM TOR 1-7
BM TOR 6-1	190	900	491	5	203 176	27	21[illegible]	519	519	5	231 205	26	BM TOR 6-1
2	136	998	437	5	159 113	46	194	672	495	5	217 171	46	TORRANCE BLVD & ARLINGTON AVE
3	117	388	418	5	138 95	43	18[illegible]	[illegible]	485	5	205 163	42	SEE FB 2448-87
4	119	473	420	5	141 96	45	[illegible]	061	503	5	225 178	47	
5	128	930	429	5	151 105	46	[illegible]	50	504	5	226 180	46	
6	137	930	438	5	158 116	42	28[illegible]	633	582	5	281 260	42	
7	082	908	383	5	105 59	46	241	527	542	5	264 218	46	
8	078	165	379	5	101 54	47	249	537	550	5	272 226	46	
9	050	009	351	5	73 27	46	271	912	572	5	290 248	46	
10	036	621	337	5	59 13	46	270	750	571	5	293 247	46	
11	081	151	382	5	104 58	46	180	765	481	5	204 157	47	
12	151	445	452	5	174 128	46	101	920	402	5	124 78	46	
TOTAL	1311	918					260[illegible]	[illegible]84					
							1311	918					
DIFF/ELEV							~~12[illegible]~~	~~[illegible]~~6					
							1289	166					BM TOR 1-7
													WESTERN AVE & TORRANCE
													SEE FB 2447 —

Blvd

F.B. 2448 PG. 92

JOB NO. 0301.02

SURVEY OF C. A. CO. PRECISE LEVEL NF

SURVEY BY ACG NOTES ACG

INDEXED H. E. OTT DATE

WEATHER WINDY INST. NO. 75234

TIME 3:00 - 3:40 ROD NO. 25796

NOTES CHKD DATE

76P52[illegible]B CE # 308 8-59

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

SURVEY BY A.C. GUITARRO WEATHER Windy-Sun INST. NO. 75234

NOTES BY ACG DATE 7/26/60 TIME 1:40 - 2:20 ROD NO. 95896

INDEXED H. E. OTT DATE NOTES CHKD DATE

F.B. 2448 Pg. 93

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM TOR 6-1 TO BM 22-9A
BM TOR 6-1	231	232	532	5	255 / 206	49	218	712	519	5	242 / 193	49	BM. TOR 6-1
2	088	223	389	5	[illegible] / 65	46	232	368	533	5	255 / 209	46	TORRANCE BLVD & ARLINGTON AVE
													SEE FB 2448-87
3	088	936	389	5	112 / 63	49	205	700	506	5	229 / 180	49	
4	117	365	418	5	140 / 94	46	182	969	483	5	204 / 160	44	
5	174	129	475	5	196 / 151	45	157	396	458	5	180 / 133	47	⊼ R.D. GLIDDEN
6	178	174	479	5	201 / 155	46	164	671	465	5	187 / 141	46	
7	160	495	461	5	183 / 137	46	141	239	442	5	164 / 118	46	
8	190	152	491	5	213 / 167	46	148	846	449	5	171 / 125	46	
9	171	826	472	5	194 / 148	46	150	225	451	5	173 / 127	46	
10	173	068	474	5	196 / 150	46	134	672	435	5	157 / 111	46	
11	188	916	489	5	211 / 165	46	128	667	429	5	151 / 105	46	
12	188	905	489	5	211 / 165	46	149	669	450	5	171 / 126	45	
13	174	081	475	5	197 / 151	46	153	999	454	5	176 / 130	46	
14	174	505	475	5	191 / 158	33	148	425	449	5	164 / 131	33	
TOTAL	2300	007				636	2317	558				635	
							2300	007				636	
DIFF ELEV							17	551			METERS = 1.271		BM 22-9A
BM 22-9A													CRENSHAW BLVD & DOMINGUEZ ST
													SEE FB 1395 —

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 22-9A TO BM TOR 6-1
BM 22-9A	146	558	447	5	162 / 129	33	17[illegible]	687	473	5	189 / 156	33	BM 22-9A
2	152	491	453	5	175 / 129	46	172	236	473	5	195 / 149	46	CRENSHAW BLVD & DOMINGUEZ [illegible]
													SEE FB 1395
3	147	779	448	5	170 / 124	46	187	364	488	5	210 / 164	46	
4	129	530	430	5	152 / 106	46	195	[illegible]70	496	5	218 / 172	46	
5	140	613	441	5	163 / 117	46	17[illegible]	[illegible]30	473	5	195 / 149	46	
6	152	920	453	5	175 / 129	46	17[illegible]	[illegible]75	475	5	197 / 151	46	
7	147	296	448	5	170 / 124	46	18[illegible]	411	489	5	211 / 165	46	
8	147	130	448	5	170 / 124	46	15[illegible]	290	459	5	181 / 135	46	
9	156	[illegible]06	457	5	179 / 133	46	177	500	478	5	200 / 154	46	
10	153	718	454	5	176 / 130	46	169	510	470	5	192 / 146	46	
11	179	351	480	5	201 / 156	45	13[illegible]	[illegible]39	433	5	155 / 109	46	
12	227	274	528	5	257 / 203	48	094	[illegible]42	395	5	118 / 69	49	
13	233	579	534	5	256 / 210	46	086	[illegible]45	387	5	109 / 63	46	
14	215	516	516	5	239 / 190	49	22[illegible]	[illegible]13	530	5	253 / 204	49	
TOTAL	2329	661	/				2312	[illegible]2					BM TOR 6-1
	2312	112											TORRANCE BLVD & ARLINGTON AVE
DIFF/ELEV BM TOR 6-1	17	549	/										SEE FB 2448-87

F.B. 2448 PG. 94

JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY NOTES ACG

INDEXED H. E. OTT DATE

WEATHER Windy SUN INST. NO. 75230

TIME 2:20 - 3:00 ROD NO. 95[illegible]

NOTES CHKD DATE

76P52[illegible]B CE # 308 8-59

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

SURVEY BY A. C. GUIZADO WEATHER CLEAR & WINDY INST. NO. 75234

NOTES BY T.O. DATE 7-27-60 TIME 11:30 TO 12:15 ROD NO. 95246

INDEXED H. E. OTT DATE NOTES CHKD DATE

F.B. 2448 PG. 95

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 22-9A TO BM TOR. 6-2
BM 22-9A													BM 22-9A
1	257	863	558	5	279 / 236	43	008	431	309	5	29 1/2 / 8	42	CRENSHAW BLVD & DOMINGUEZ ST SEE FB1395-
2	213	185	514	5	236 / 190	46	121	492	422	5	145 / 98	47	
3	183	752	484	5	206 / 160	46	151	404	452	5	174 / 128	46	
4	167	381	468	5	190 / 144	46	154	101	455	5	177 / 131	46	
5	166	751	467	5	189 / 143	46	147	531	448	5	170 / 124	46	⊼ A.L. GOBLE
6	162	208	463	5	185 / 139	46	130	922	431	5	153 / 107	46	
7	192	429	493	5	215 / 169	46	161	269	462	5	184 / 138	46	
8	133	341	434	5	141 / 125	16	178	197	479	5	186 / 170	16	
9	111	727	412	5	134 / 88	46	212	070	513	5	235 / 189	46	
10	084	612	385	5	107 / 61	46	205	371	506	5	228 / 182	46	
11	092	642	393	5	115 / 69	46	228	729	529	5	251 / 205	46	
12	125	642	426	5	148 / 102	46	165	980	466	5	188 / 142	46	
13	167	201	468	5	190 / 144	46	137	902	438	5	160 / 114	46	
SUB. TOTAL	2058	734					2003	399					

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 22-9A TO B.M. TOR. 6-2
SUB. TOTAL	2058	734					20[illegible]	399					
14.	169	545	410	5	197/142	46	12[illegible]	982	437	5	159/113	46	
15	174	792	475	5	197/151	46	14[illegible]	538	443	5	165/119	46	
16.	177	764	478	5	200/154	46	14[illegible]	475	444	5	166/120	46	
17.	162	560	463	5	185/140	45	1[illegible]	[illegible]00	460	5	182/136	46	
TOTAL	2743	395				748	25[illegible]	494				749	
	2585	494										748	
												1497	
DIFF. ELEV.	+157	901											
B.M. TOR. 6-2													B.M. TOR 6-2 TORRANCE BLVD & MAPLE AVE SEE FB 2448-88

F.B. 2448 PG. 96

JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES TO

INDEXED H. E. OR DATE

WEATHER CLEARE WINDY INST. NO. 75234

TIME 11:30 TO 12:15 ROD NO. 95 & 96

NOTES CHKD. DATE

76P52 B CE # 308 8-59

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

SURVEY BY A.C. GUIZADO T.O. DATE 7-27-60 WEATHER Clear & Windy INST. NO. 75258

NOTES BY H.E. OTT DATE TIME 9:30 TO 11:30 ROD NO. 95 & 96

INDEXED NOTES CHKD DATE

F.B. 2448 PG. 97

STATION		BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
														FROM B.M. TOR 6-2 TO B.M. 22-9A
B.M. TOR. 6-2														B.M. TOR. 6-2
1		156	665	457	5	179/133	46	160	960	461	5	182/137	45	TORRANCE BLVD & MAPLE AVE
														SEE FB 2448-88
2		139	803	440	5	162/116	46	173	242	474	5	186/150	46	
3		136	689	437	5	159/113	46	170	213	471	5	173/147	46	
4		137	530	438	5	169/113	46	168	885	469	5	181/145	46	
														π A.L. GOBLE
	5	138	025	439	5	164/115	46	167	232	468	5	180/142	46	
6		168	843	469	5	181/145	46	130	709	431	5	153/107	46	
7		229	772	530	5	252/206	46	093	391	394	5	116/70	46	
8		209	203	510	5	232/186	46	098	052	399	5	121/75	46	
9		191	560	492	5	214/168	46	079	264	380	5	102/56	46	
10		176	355	477	5	184/8	16	133	823	434	5	141/125	16	
11		164	042	465	5	187/141	46	192	063	495	5	215/169	46	
12		131	883	432	5	154/108	46	165	265	466	5	188/142	46	
13		146	988	447	5	169/123	46	164	898	465	5	187/141	46	
SUB.	TOTAL	2127	358					1898	497	/				

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. TOR. 6-2 TO B.M. 22-9A
SUB TOTAL													
14.	149	990	430	5	172/126	46	165	457	466	5	188/142	46	
15	150	508	451	5	173/129	46	1[illegible]2	052	483	5	209/159	46	
16.	123	524	424	5	147/100	47	[illegible]	[illegible]	514	5	236/190	46	
17.	007	908	3[illegible]	5	78/[illegible]	42	[illegible]	288	558	5	277/232	43	
TOTAL	2559	288					27[illegible]	989					
							25[illegible]	[illegible]88					
DIFF. ELEV. B.M. 22-9A							[illegible]	[illegible]01					B.M. 22-9A GLENSHAW BLVD & DOMINGUEZ ST SEE FB 1395 -

F.B. 2448 PG. 98

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES T.O.

INDEXED H.E. OTT DATE

WEATHER CLEAR & WINDY INST. NO. 75234

TIME 1030 TO 11:30 ROD NO. 95 & 96

NOTES CHKD DATE

76P52[illegible]B CE # 306 8-59

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

SURVEY BY A. C. GUIZADO WEATHER CLEAR & WINDY INST. NO. 75230

NOTES BY T.O. DATE 7-27-60 TIME 7:30 TO 2:15 ROD NO. 95 & 96

INDEXED H. E. OTT DATE NOTES CHKD DATE

F.B. 2448 Pg. 99

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. TOR 6-2 TO B.M. TOR. 3-5
B.M. TOR. 6-2													B.M. TOR. 6-2
1.	184	083	485	5	198/170	28	157	098	458	5	171/143	28	TORRANCE BLVD & MAPLE AVE
													SEE FB 2448-88
2	183	705	484	5	206/160	46	155	140	456	5	177/132	45	
3.	170	520	471	5	193/147	46	165	345	466	5	188/142	46	
4	182	498	483	5	205/159	46	074	011	375	5	[illegible]	46	
													⊼ A.L. GOBLE
5.	260	887	561	5	283/237	46	111	522	412	5	134/88	46	
6.	161	384	462	5	184/138	46	148	439	449	5	171/124	46	
7	175	822	476	5	198/152	46	112	598	413	5	135/89	46	
													SUMMATION OF RUN
8	191	259	492	5	214/168	46	081	780	382	5	104/58	46	TOTAL BACKSIGHT + 2407.447
													TOTAL FORESIGHT - 1691.925
9	252	202	553	5	275/229	46	037	688	338	5	60/14	46	DIFF. IN ELEV. + 715.522
10	252	796	553	5	275/229	46	084	609	385	5	107/67	46	
11	149	391	450	5	172/126	46	194	492	495	5	217/177	46	
12	108	302	409	5	131/85	46	185	416	486	5	208/162	46	
13.	134	598	435	5	157/111	46	183	787	484	5	206/160	46	B.M. TOR. 3-5
	2407	447	/			580	1691	925				579	TORRANCE BLVD & HAWTHORNE AVE
												580	SEE FB 2447-
B.M. TOR 3-5											METERS	459	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. TOR. 3-5 TO B.M. TOR. 6-2
B.M. TOR. 3-5													B.M. TOR. 3-5
1.	179	019	480	5	202/152	46	12[illegible]	527	429	5	151/105	46	TORRANCE BLVD & HAWIHORNE AVE
													SEE FB 2447 -
2.	196	110	497	5	219/173	46	1[illegible]	397	415	5	137/91	46	
3.	192	153	493	5	215/169	46	1[illegible]	[illegible]65	462	5	184/138	46	
4.	095	992	396	5	118/72	46	2[illegible]	[illegible]88	557	5	279/233	46	
													⊼ A L GOBLE
5.	034	172	335	5	57/11	46	[illegible]	[illegible]83	548	5	270/224	46	
6.	082	980	383	5	105/59	46	19[illegible]	146	496	5	218/172	46	
7.	[illegible]	[illegible]	415	5	137/91	46	[illegible]	[illegible]	486	5	[illegible]	46	
													SUMMATION OF RUN
8.	154	330	45[illegible]	5	[illegible]	46	[illegible]	[illegible]	[illegible]	5	[illegible]	46	TOTAL BACKSIGHT + 1703.280
													TOTAL FORESIGHT - 2419140
9.	112	772	413	5	[illegible]	46	[illegible]	[illegible]12	556	5	278/232	46	DIFF. IN ELEV. - 715.860
10.	[illegible]	[illegible]	[illegible]	5	[illegible]	46	18[illegible]	[illegible]51	481	5	203/157	46	
11.	160	368	461	5	183/137	46	1[illegible]	[illegible]82	471	5	193/147	46	
12.	152	775	45[illegible]	5	175/130	45	17[illegible]	[illegible]12	476	5	198/152	46	
													B.M. TOR. 6-2
13.	149	286	450	5	163/135	28	1[illegible]	[illegible]	485	5	198/148	28	TORRANCE BLVD & MAPLE AVE
TOTAL	1703	280				579	24[illegible]	[illegible]10	/			580	SEE FB 2448-88
B.M. TOR. 6-2												579	
												1159	

F.B. 2448 PG. 100

SURVEY OF L.A. CO. PRECISE LEVEL NE

SURVEY BY A.C.G. NOTES T.O.

INDEXED H.E. OTT DATE

JOB NO. 0301.02

WEATHER CLEAR & WINDY INST. NO. 75234

TIME 3:00 TO 3:40 ROD NO. 95296

NOTES CHKD DATE

76P5[illegible]B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. TOR 3-5 TO B.M. TOR 6-3
B.M. TOR 3-5													B.M. TOR 3-5
1	164	963	465	5	177/151	26	142	697	443	5	155/130	25	TORRANCE BLVD & HAWTHORNE AVE
													SEE FB 2447 -
2	174	833	475	5	191/157	34	155	852	456	5	172/138	34	
3	179	412	480	5	202/156	46	144	621	445	5	167/127	46	
4	146	832	447	5	169/123	46	173	088	474	5	196/150	46	
													⊼ A.L. GOBLE
5	129	738	430	5	152/106	46	201	432	502	5	224/178	46	
6	087	125	388	5	110/68	46	220	747	521	5	243/197	46	
7	095	378	396	5	118/72	46	215	831	516	5	238/192	46	
8	094	095	395	5	117/71	46	166	122	467	5	189/143	46	
9	178	891	479	5	201/155	46	099	442	400	5	122/76	46	
10	239	582	540	5	262/216	46	030	882	331	5	53 1/2	46	
TOTAL	1490	849				428	1550	714	/			427	
							1490	849				428	
DIFF. IN ELEV.							- 59	865	/		M.	855	
B.M. TOR 6-3													B.M. TOR 6-3
													TORRANCE BLVD & ANZA AVE
													SEE FB 2448-89

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

SURVEY BY A.C. GUIZADO WEATHER CLEAR & WINDY INST. NO. 75234

NOTES BY T.O. DATE 7-27-60 TIME 2:15 TO 2:40 ROD NO. 95 & 96

INDEXED H.E. OTT DATE NOTES CHKD DATE

F.B. 2448 PG. 101

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. TOR 6-3 TO B.M. TOR 3-5
B.M. TOR 6-3													B.M. TOR. 6-3
1.	031	526	332	5	54 1/2 / 31	46	[illegible]	48	541	5	263 / 217	46	TORRANCE BLVD & ANZA AVE
													SEE FB 2448-89
2	097	088	39[illegible]	5	[illegible]	46	176	140	477	5	199 / 153	46	
3	159	838	460	5	182 / 136	46	[illegible]	263	389	5	[illegible] / 65	46	
4	209	628	51[illegible]	[illegible]	232 / 186	46	[illegible]	67	390	5	117 / 22	46	
5.	218	701	519	5	241 / 195	46	[illegible]	250	385	5	101 / 67	46	⊼ A.L. GOBLE
6.	198	[illegible]	49[illegible]	5	[illegible] / 195	46	[illegible]	18	428	5	150 / 104	46	
7	175	502	47[illegible]	5	198 / 152	46	[illegible]	[illegible]	450	5	[illegible] / 128	46	
8	158	650	[illegible]	5	181 / 135	46	19[illegible]	55	494	5	216 / 170	46	
9	155	497	[illegible]	5	[illegible] / 138	34	[illegible]	78	475	5	[illegible] / 157	34	
10.	143	833	44[illegible]	5	156 / 131	25	[illegible]	154	467	5	[illegible] / 153	26	
	1549	[illegible]	✓			427	14[illegible]	[illegible]				428	
	1489	094	✓									427	
	+59	977									M.	855	
B.M. TOR 3-5													B.M. TOR. 3-5
													TORRANCE BLVD & HAWTHORNE AVE
													SEE FB 2447-

F.B. 2448 PG. 102

JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES 7.0.

INDEXED H. E. OTT DATE

WEATHER CLEAR & WINDY INST. NO. 75234

TIME 2:15 TO 2:40 ROD NO. 95 & 96

NOTES CHKD DATE

76P5[illegible]B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM TOR G-3 TO BM TOR G-4
BM TOR G-3													BM TOR G-3
1	295	677	596	5	X2 295 271	48	003	963	304	5	X2 27 3	48	TORRANCE BLVD & ANZA AVE
													SEE F.B 2448-89 FOR DESC
2	218	390	519	5	241 195	46	165	309	460	5	188 142	46	
3	054	675	355	5	77 31	46	283	759	584	5	X2 283 260	46	
4	012	790	313	5	X2 35 12	46	268	033	569	5	291 245	46	
5	091	065	392	5	114 68	46	137	175	438	5	160 114	46	⊼ T. OHASHI
6	199	130	500	5	222 176	46	050	836	351	5	73 27	46	
7	252	967	553	5	275 229	46	119	219	420	5	142 96	46	
TOTAL	1124	694	CM			324	1028	294	CM			324	
	1028	294										324	
Diff Elev	96	400	CM									648	METERS
BM TOR G-4													BM TOR G-4
													TORRANCE BLVD &
													PALOS VERIDES BLVD
													SEE F.B 2448-90 FOR DESC

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

SURVEY BY A. C. GUIZADO

NOTES BY A.L.G. DATE 7-28-66

INDEXED H. E. OTT DATE

WEATHER CLEAR SLIGHT WIND INST. NO. 103 75234

TIME 9:45 TO 10:15 ROD NO. 35 & 96

NOTES CHKD DATE

F.B. 2448 Pg. 103

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM TOR 6-4 TO BM TOR 6-3
BM TOR 6-4													BM TOR 6-4
1	115	900	416	5	138 / 92	46	24[illegible]	515	550	5	2[illegible] / 22[illegible]	46	TORRANCE BLVD &
2	056	492	337	5	79 / 33	46	19[illegible]	068	499	5	221 / 175	46	PALOS VERIDOS BLVD
3	134	851	435	5	157 / 111	46	[illegible]	533	398	5	120 / 74	46	SEE F.B. 2448-90 FOR DESC
4	273	650	5[illegible]	5	296 / 250	46	01[illegible]	365	317	5	82 / 39 / 16	46	
5	286	448	587	5	12 / 286 / 2[illegible]3	46	05[illegible]	509	360	5	82 / 36	46	⊼ T OFFSET
6	171	278	472	5	194 / 148	46	22[illegible]	260	523	5	245 / 199	46	
7	006	511	307	5	12 / 30 / 6	48	2[illegible]	[illegible]44	598	5	12 / 297 / 273	48	
TOTAL	1045	130	CM				1141	594	CM				
							10[illegible]	[illegible]					
							9[illegible]	464	CM				
DIFF IN ELEV BM TOR 6-3													BM TOR 6-3
													TORRANCE BLVD &
													LUZA AVE
													SEE F.B. 2448-89 FOR DESC

F.B. 2448 PG. 104

SURVEY OF C. A. CO. PRECISE LEVEL NF

SURVEY BY ACG NOTES ALG

INDEXED H. E. OTT DATE 7-28-60

JOB NO. 0301.02

WEATHER CLEAR SLIGHT N3 WIND INST. NO. 75234

TIME 10.15 TO 10.50 ROD NO. [illegible]

NOTES CHKD DATE

76P52[illegible]B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM TOR 6-4 TO TBM
BM TOR 6-4													BM TOR 6-4
1	173	356	474	5	196 / 150	46	198	033	499	5	221 / 175	46	TORRANCE Blvd & Palos Verdes Blvd
													SEE FB 2448 - 90
2	163	408	460	5	186 / 140	46	113	938	414	5	136 / 90	46	
3	198	840	499	5	221 / 175	46	137	904	438	5	160 / 114	46	
													↑ A.L. GOBLE
4	135	971	436	5	158 / 112	46	129	859	430	5	152 / 106	46	
5	214	719	515	5	237 / 191	46	066	468	367	5	89 / 43	46	
6	265	082	566	5	288 / 242	46	036	781	337	5	59 / 13	46	
7	279	060	580	5	299 / 259	40	045	381	346	5	65 / 25	40	
8	262	459	563	5	285 / 239	46	132	465	433	5	158 / 109	46	
TOTAL	1692	895				362	860	829				362	
	860	829										362	
												724	METERS
DIFF/ELEV	832	066											
TBM													TBM NW COR
													TORRANCE Blvd & Prospect Ave
													Nail in Ld in cb; 6' W. of E. end.

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

SURVEY BY A.C. GUIZARDO WEATHER Sandwindy INST. NO. 75234

NOTES BY A.E.G. DATE 8-1-60 TIME 10:50-11:15 ROD NO. 95896

INDEXED H.E. OTT DATE NOTES CHKD. DATE

F.B. 2448 Pg. 105

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
TBM													FROM TBM TO BM TOR 6-4
1	135	442	436	5	158 / 111	47	26[illegible]	391	566	5	289 / 242	47	TBM NW COR TORRANCE BLVD & PROSPECT AVE NAIL IN Ld in conc cb, 6± W OF E. END OF CONC cb.
2	036	668	337	5	56 / 16	40	270	241	571	5	290 / 250	40	
3	036	915	337	5	59 / 13	46	26[illegible]	56	566	5	288 / 242	46	
4	057	530	358	5	80 / 34	46	20[illegible]	359	506	5	228 / 182	46	⊼ A.L. GOBLE
5	135	429	436	5	158 / 112	46	14[illegible]	36[illegible]	442	5	164 / 118	46	
6	133	669	434	5	156 / 110	46	19[illegible]	82	498	5	220 / 174	46	
7	115	844	416	5	138 / 92	46	16[illegible]	26	462	5	184 / 138	46	
8	193	158	494	5	216 / 170	46	16[illegible]	81	470	5	192 / 146	46	
TOTAL	844	655				363	16[illegible]	97				363	
							84[illegible]	55					
							83[illegible]	42					
DIFF/ELEV BM TOR 6-4													BM TOR 6-4 TORRANCE & PALOS VERDE Blvd SEE FB 2448-90 FOR DESC

F.B. 2448 PG. 106

JOB NO. 030102

SURVEY OF C.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H. E. OTT DATE

WEATHER Sun & Windy INST. NO. N3 75234

TIME 10:25 10:50 ROD NO. 95E96

NOTES CHKD DATE

76P5[illegible]B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

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

SURVEY BY A. C. GUIZADO WEATHER WINDY & CLEAR INST. NO. 375 134

NOTES BY A. L. G. DATE 8-2-60 TIME 1.50 TO 2.30 ROD NO. 95 & 96

INDEXED B. E. OTT DATE NOTES CHKD DATE

F.B. 2448 PG. 107

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM TOR 6-4 TO TBM
BM TOR 6-4													BM TOR 6-4
	174	848	475	5	197 / 151	46	198	439	499	5	221 / 175	46	TORRANCE BLVD &
													PALOS VERDES BV
2	166	234	467	5	189 / 143	46	117	686	418	5	140 / 94	46	SEE F.B. FOR DESC
3	139	687	500	5	222 / 176	46	138	688	439	5	161 / 115	46	
4	146	316	447	5	169 / 123	46	140	184	441	5	163 / 117	46	
5	214	813	515	5	237 / 191	46	059	009	360	5	82 / 36	46	⊼ J. W. LYBAND
6	264	306	565	5	287 / 241	46	043	369	344	5	66 / 20	46	
7	283	187	584	5	12 / 283 / 263	40	050	045	351	5	70 / 30	40	
8	275	779	576	5	298 / 252	46	145	597	446	5	168 / 122	46	
TOTAL	1725	170	CM				893	017	CM				
	893	017											
DIFF IN ELEV	832	153	CM										
TBM													TBM
													TORRANCE BLVD &
													PROSPECT AVE

F.B. 2448 Pg. 108

JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

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

76P5268 CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

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

SURVEY BY A.C. GUIZADO WEATHER Sun & Windy INST. NO. 75234 F.B. 2448 Pg. 109

NOTES BY A.C.G. DATE 8-1-60 TIME 1:07 ROD NO. 95896

INDEXED H. E. OTT DATE NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM TBM TO BM 21-46
TBM													TBM NW COR
1	099	618	400	5	122 76	46	166	858	467	5	189 143	46	TORRANCE BLVD & Prospect Ave
2	031	265	332	5	54 8	46	249	389	550	5	273 226	47	Nail in Lead; 6° W. of E. end
3	005	720	306	5	28 5 x2	46	273	411	574	5	273 250	46	of Conc. Cb.
4	014	042	315	5	37 16 2	46	264	836	565	5	287 240	47	⊼ A.L. GOBLE
5	140	668	441	5	163 117	46	188	065	489	5	211 165	46	
6	124	461	425	5	147 101	46	222	527	523	5	245 199	46	
7	061	875	362	5	84 38	46	233	518	534	5	256 210	46	
8	021	552	322	5	36 6	30	257	124	558	5	272 242	30	
9	024	331	325	5	39 9	30	218	658	519	5	233 203	30	
10	023	652	324	5	38 8	30	276	752	577	5	291 261	30	
11	057	619	358	5	80 34	46	164	352	465	5	187 141	46	
12	142	312	443	5	165 119	46	112	991	413	5	135 89	46	
13	077	422	378	5	100 54	46	275	700	576	5	298 252	46	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM TBM TO BM 21-46
14	022	723	323	5	33 12	19	25[illegible]	900	555	5	264 243	21	
15	022	021	323	5	38 6	32	21[illegible]	949	515	5	229 199	30	
16	093	709	394	5	108 78	30	2[illegible]	944	513	5	227 197	30	
17	099	892	400	5	112 86	26	16[illegible]	571	470	5	181 157	24	
TOTAL	1062	882				657	37[illegible]	545				657	
							10[illegible]	882				657	
							26[illegible]	663				1,314	METERS
DIFF/ELEV BM 21-46													

F.B. 2448 PG. 110

SURVEY OF L. A. CO. PRECISE LEVEL NE

JOB NO.

SURVEY BY H. E. OTT

NOTES

INDEXED

DATE

WEATHER

TIME

NOTES CHKD

INST. NO.

ROD NO.

DATE

76P52[illegible]B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

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

SURVEY BY A.C. GUIZADO WEATHER Sunshinny INST. NO. 75234

NOTES BY ACG H. E. OTT DATE 8-1-60 TIME 2:05 ROD NO. 95896

INDEXED DATE NOTES CHKD DATE

F.B. 2448 Pg. 111

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS FROM BM 21-46 TO TBM
BM 21-46													BM 21-46 (U-50)
1	169	261	470	5	181 / 159	24	099	675	400	5	111 / 87	24	Pacific Ave & Coral Way
2	208	571	509	5	223 / 193	30	089	063	390	5	104 / 74	30	See FB 1391-46
3	221	511	522	5	237 / 206	31	027	346	328	5	43 / 12	31	
4	257	068	558	5	267 / 246	21	026	373	327	5	37 / 16	21	
5	278	496	579	5	301 / 255	46	080	658	381	5	103 / 57	46	
6	115	816	416	5	138 / 92	46	144	552	445	5	167 / 121	46	
7	169	262	470	5	192 / 146	46	063	012	364	5	86 / 40	46	
8	284	899	585	5	299 / 269	30	031	271	332	5	46 / 16	30	
9	222	108	523	5	237 / 207	30	032	867	333	5	47 / 17	30	
10	268	573	569	5	284 / 253	31	028	643	329	5	44 / 13	31	
11	233	607	534	5	256 / 210	46	058	081	359	5	81 / 35	46	
12	220	693	521	5	243 / 197	46	126	152	427	5	149 / 103	46	
13	187	523	488	5	210 / 164	46	133	562	434	5	156 / 110	46	

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 21-46 TO TBM
14	282	147	583	5	382 / 259	46	[illegible]	121	340	5	62 / 16	46	
15	268	809	569	5	291 / 245	46	[illegible]	798	304	5	26 / 3	46	
16	271	200	572	5	294 / 248	46	071	622	372	5	94 / 48	46	
17	194	448	495	5	217 / 171	46	[illegible] / 116	852 / 648	405	5	127 / 81	46	
TOTAL	3853 / 1160	992 / 648											
DIFF/ELEV TBM	2693	344											TBM NW COR TORRANCE BLVD & PROSPECT AVE NAIL in Ld; 6" W. OF E. end Cb.

F.B. 2448 Pg. 112

JOB NO.

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H. E. OTT DATE

WEATHER Sun & Windy INST. NO. 75234

TIME 2:05 ROD NO. [illegible]

NOTES CHKD. DATE

76P52[illegible]B CE # 306 8-59

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

SURVEY BY A. C. GUIZADO WEATHER WINDY & CLEAR INST. NO. 75234

NOTES BY A. L. G. DATE 8-2-60 TIME 2:30 to 3:45 ROD NO. 95696

INDEXED H. E. OTT DATE NOTES CHKD DATE

F.B. 2448 Pg. 113

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM TBM TO BM 21-46
TBM													TBM
1	114	206	415	5	137 / 91	46	204	173	505	5	227 / 181	46	
2	074	183	375	5	77 / 51	46	272	112	573	5	295 / 249	46	
3	017	401	318	5	x2 / 40 / 17	46	300	080	601	5	x2 / 300 / 277	46	
-1 4	050	938	351	5	73 / 27	46	276	976	577	5	289 / 253	46	
5	137	899	438	5	160 / 114	46	193	068	494	5	21[illegible] / 170	46	
6	129	081	430	5	152 / 106	46	223	781	524	5	246 / 200	46	⊼ J. W LYBAND
7	080	605	381	5	103 / 57	46	276	890	577	5	289 / 253	46	
8	049	818	350	5	64 / 34	30	271	665	572	5	286 / 256	30	
9	037	171	338	5	52 / 22	30	229	078	530	5	2[illegible] / 214	30	
10	[illegible]	[illegible]	[illegible]	5	50 / 20	30	283	148	584	5	298 / 268	30	
11	065	902	366	5	88 / 42	46	194	902	495	5	197 / 151	46	— 20
12	151	389	452	5	174 / 128	46	119	645	420	5	142 / 96	46	
13	075	400	376	5	98 / 52	46	273	383	574	5	296 / 250	46	
SUB [illegible]	1019	127	CM				~~3098~~ 3118	~~901~~ 901	CM				

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM TBM TO BM 21-46
SUB TOTAL	1019	127	CM				~~3018~~ 3118	~~941~~ 901	CM				
14	032	338	333	5	42 22	20	2[illegible]	[illegible]3[illegible]	[illegible]	5	275 253	[illegible]	
15	022	601	323	5	37 7	30	21[illegible]	319	517	5	232 200	32	
16	092	624	393	5	108 76	32	211	863	512	5	226 194	30	Backsight = +1271.323 Foresight = -3984.635
17	104	633	405	5	116 92	24	173	320	474	5	184 162	[illegible]	Diff in El. = -2713.312
TOTAL	1277	323					~~3964~~	~~[illegible]~~	CM		→		
							1271	323					
Diff in Elev							~~2693~~	~~312~~	CM				
BM 21-40							2713	312					BM 21-46 (4-50) Pacific Ave & Coral Way See FB 1395-46

F.B. 2448 Pg. 114

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG

INDEXED H. E. OTT DATE

JOB NO. 0301.02

WEATHER

TIME

NOTES CHKD.

INST. NO.

ROD NO.

DATE

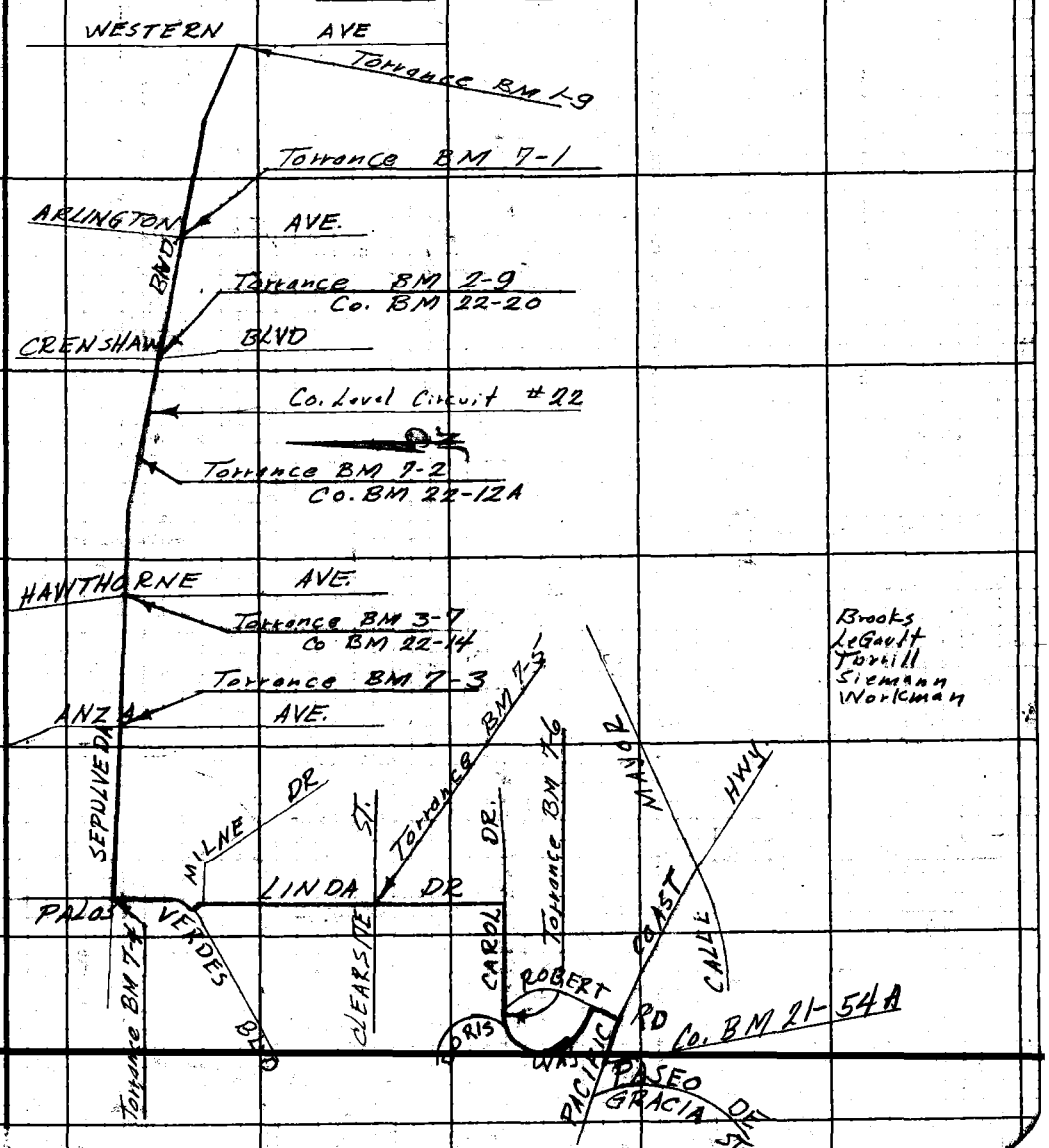
Notes Ck'd by	Survey of L.A.Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB. & D.L. Date July 1960
Date	Indexed

F. B 2448 PG. 117

H. E. 011

JN 0301.02
L.A.CO. PRECISE LEVEL NET
CITY of TORRANCE
LINE # 7 F

L. A. County Lines
No. 55 (Bt) & 22 (Bt)



Brooks
LeGault
Torrill
Siemann
Workman

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100 LOS ANGELES COUNTY ENGINEERING BLDG.

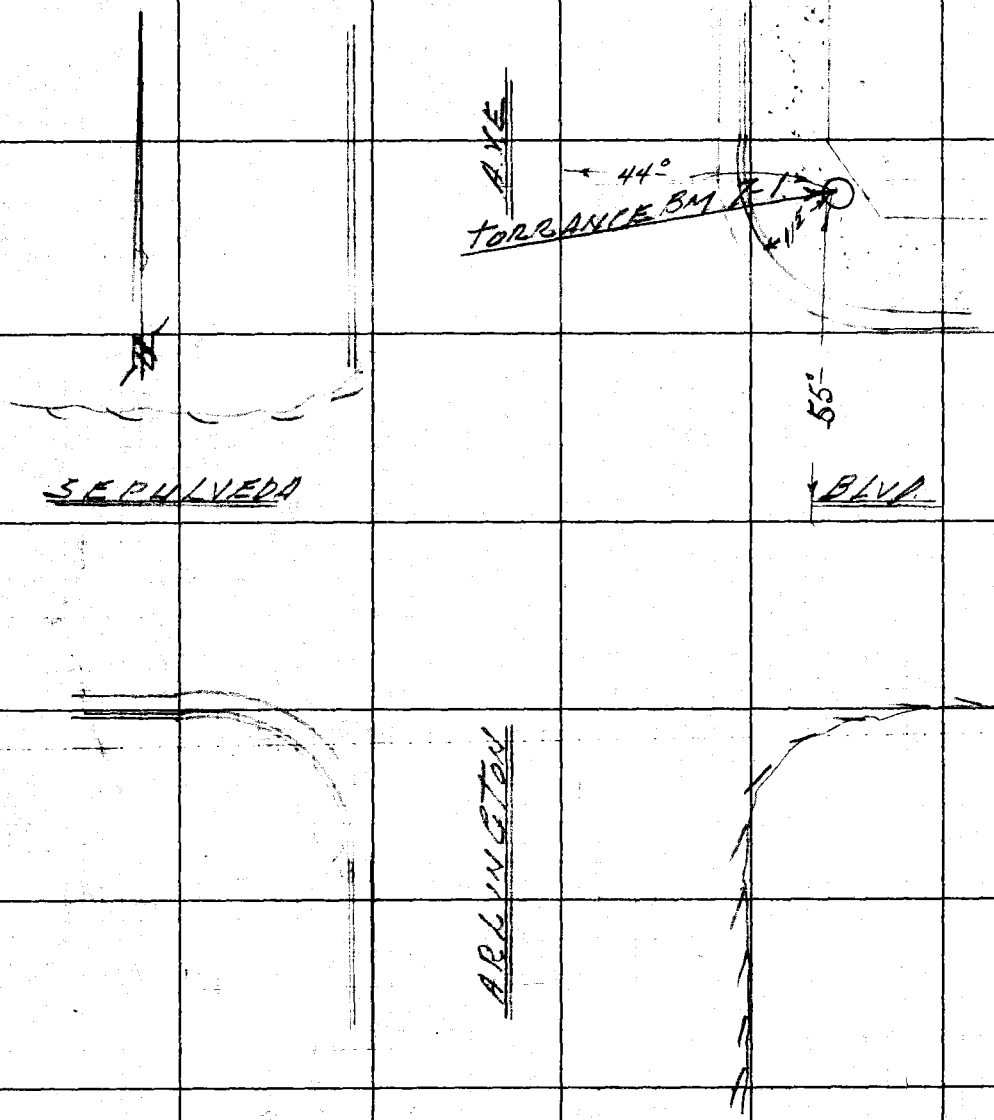
763098 CE #247—7-53

F. B. 2448 PG. 118

L. A. County 55-31
B. M. No. 55-7-1

TORRANCE BM 7-1 =

SEPULVEDA BLVD and ARLINGTON AVE. North East Corner. in the side walk at 4/2 in a well protected by a cast iron cover marked COUNTY ENGINEER MONUMENT 10" below surface of walk a std L.A. Co. Engineer Brass Cap Monument stamped TOR 7-1



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900 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.

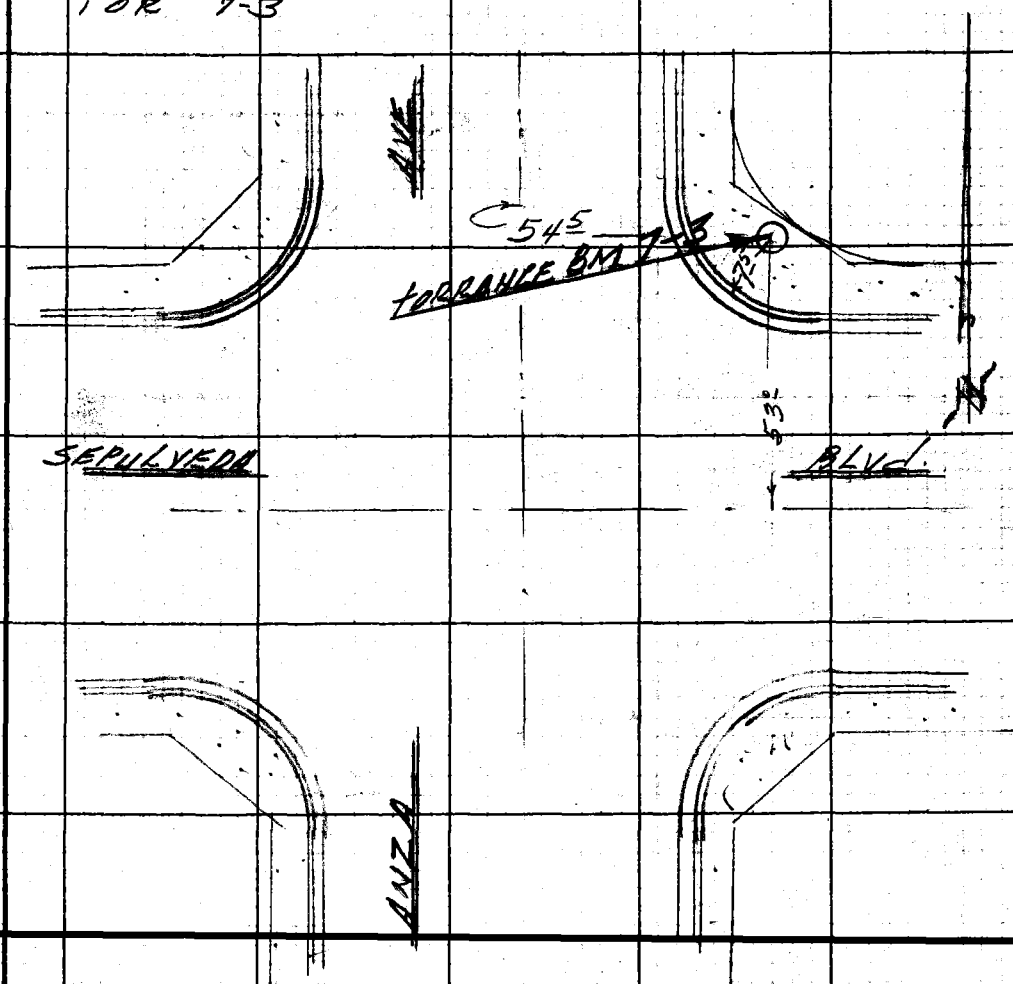
Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes FEB & DL Date July 1960
Date	Indexed M.E. Ott

F. B. 2448 PG. 119

L. A. County 55-32
B. M. No. 55-7-3

TORRANCE BM 7-3 =

SEPULVEDA BLVD. and ANZA AVE. North East Corner. in the side walk at 4/2 in a well protected by a cast iron cover Marked COUNTY SURVEYOR MONUMENT 10" below the walk a std. L.A. Co. Engineer Brass Cap Monument Stamped TOR 7-3



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100 LOS ANGELES COUNTY ENGINEERING BLDG.

7630 S CE #247 7-53

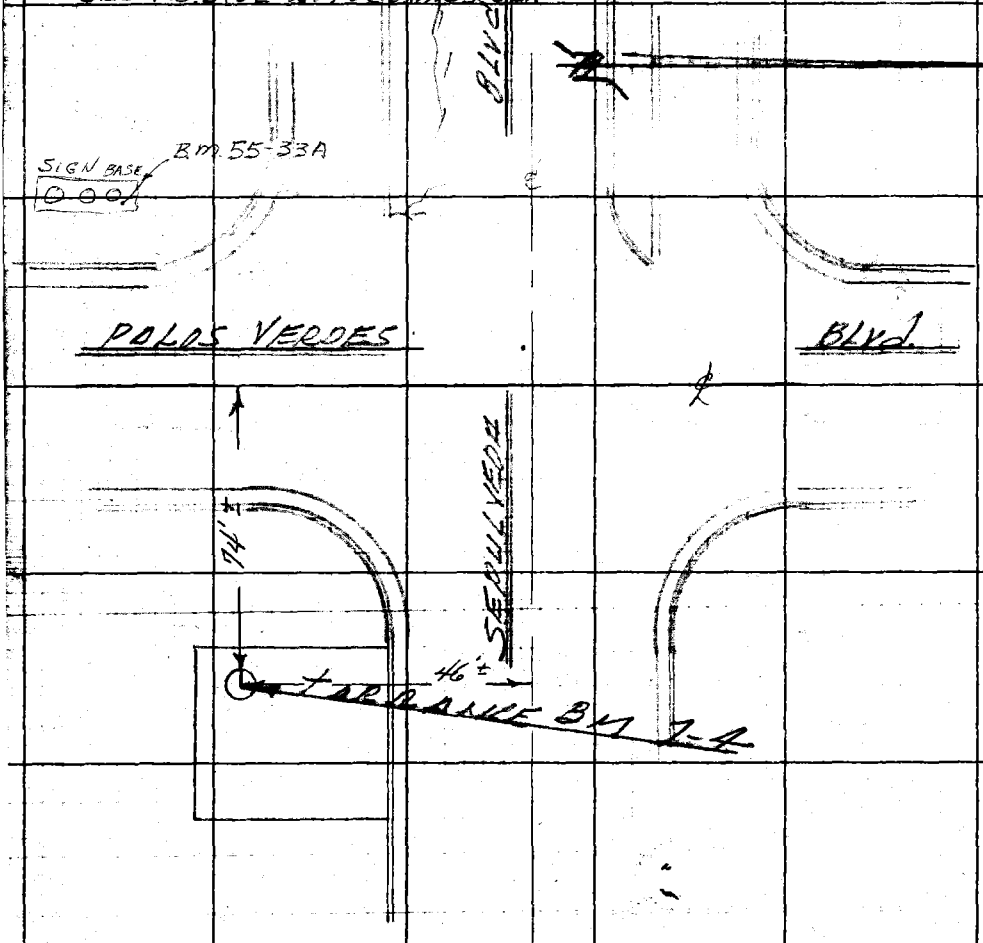
F. B. 2448 PG. 120

L. A. Count 55-33
B. M. No. 55-7-4

TORRANCE BM 7-4.

SEPULVEDA BLVD. and PALOS VERDES BLVD. 46 ft.± S of ℄ Sepulveda Blvd. and 74 ft.± E. of ℄ Palos Verdes Blvd. in side walk at drive to service station. In a well protected by a cast iron cover Marked COUNTY ENGINEER MONUMENT 10" below surface of walk a std. L.A. Co. Engineer Brass Cap Monument stamped TOR 7-4

NOT RECOVERED. NEW SIDEWALK 10-4-74 G.E.D.
SEE F.B. 3702-223 FOR BM. 55-33A



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900 LOS ANGELES COUNTY ENGINEERING BLDG.

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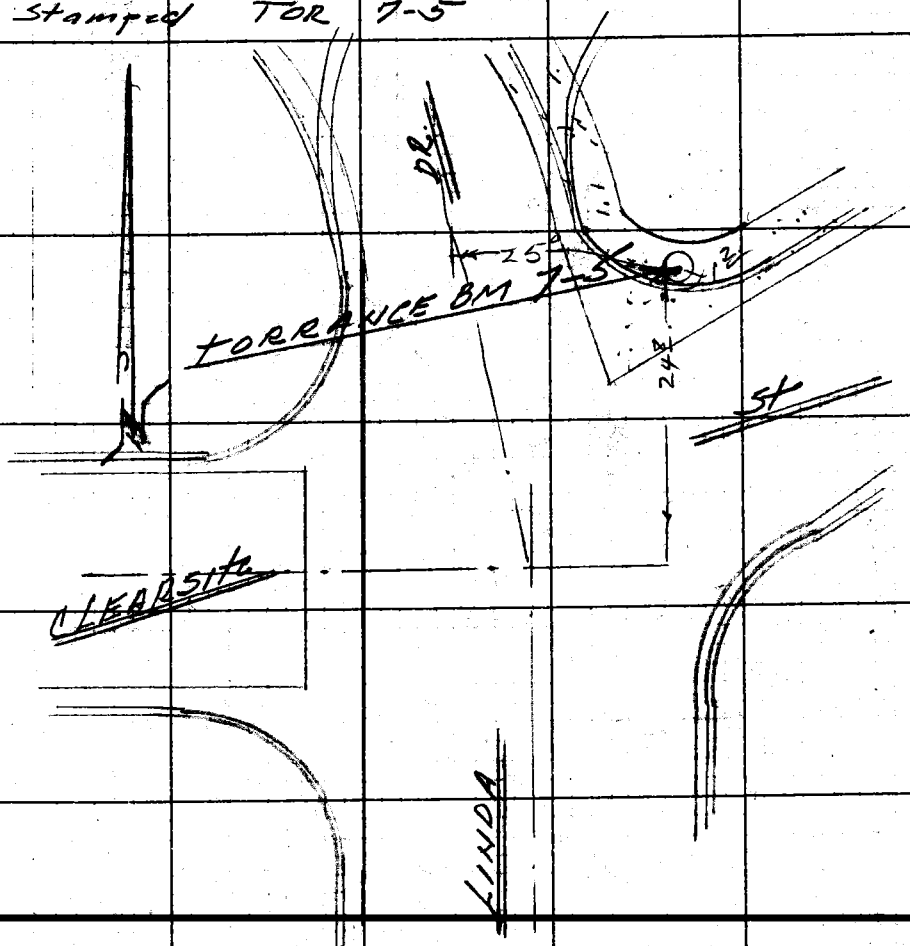
Notes Ck'd by	Survey of L.A. Co Precise Level Net
Map No.	JN 030102 Tape Std °F
Office Work	Surveyed by FE Brooks
Checked	Notes FE R & DL Date July 1960
Date	Indexed H. E. OTT

F. B 2448 PG. 121

L. A. County 55-34
B. M. No. 55-7-5

TORRANCE BM 7-5
CLEARSITE ST. and LINDA DR
North East Corner. in the sidewalk
at 4/2. In a well protected by a
cast iron cover Marked COUNTY
ENGINEER MONUMENT 10" below
Surface of walk a Std. L. A. Co.
Engineer Brass Cap Monument
Stamped TOR 7-5



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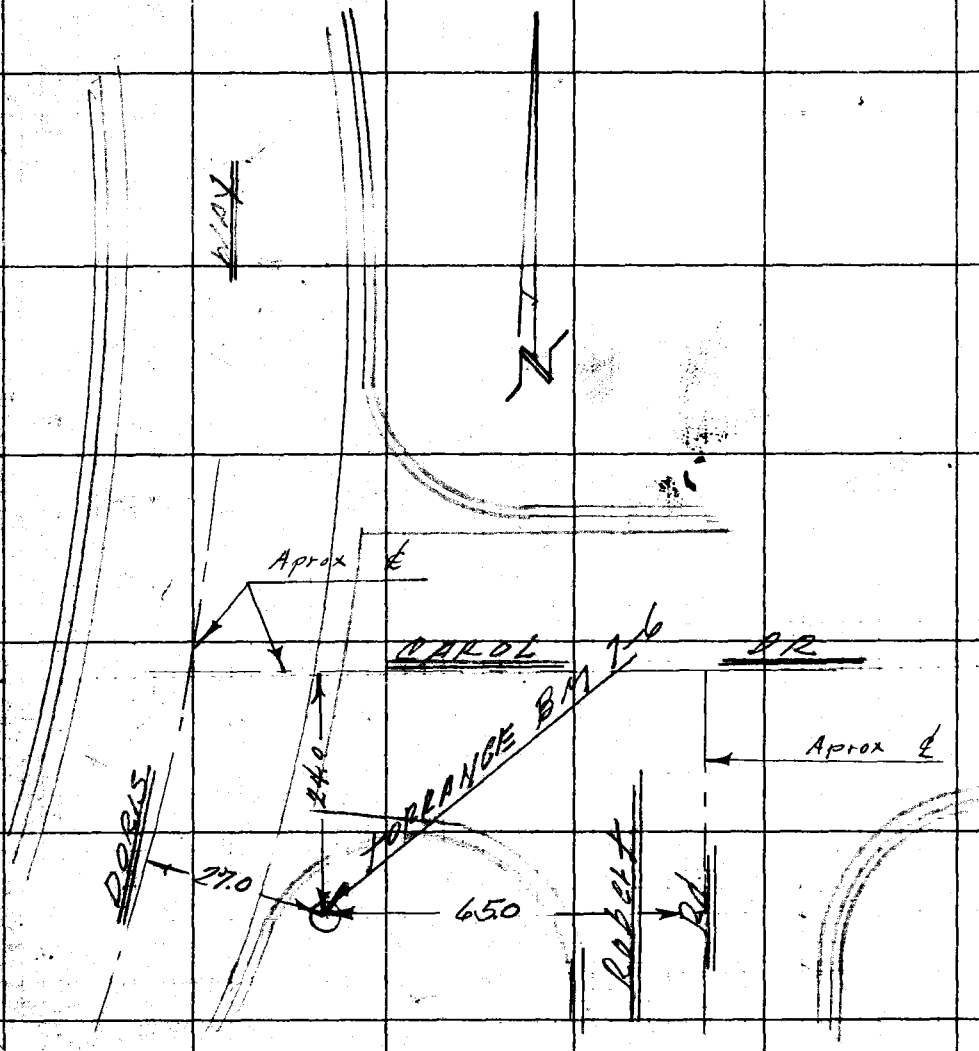
900 LOS ANGELES COUNTY ENGINEERING BLDG.

76508 CE #247—7-53

F. B. 2448 PG. 122

L. A. County 55-35
B. M. No. 55-7-6

TORRANCE BM 7-6 = and
CORAL DR., DORIS WAY, ROBERT RD
24 ft. South of aprox ℄ Coral DR.
27 ft East of aprox. ℄ Doris Way
65 ft. West of aprox ℄ Robert Rd.
in the park way. In a well protected
by a cast iron cover Marked COUNTY
ENGINEER MONUMENT 10" below
surface of ground a std. L.A. Co.
Engineer Brass Cap Monument stamped
TOR 7-6



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76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No 15066
Notes by F.E. B. Time 08:30 - 09:20 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From Tor. BM 1-9 To Tor BM 7-1
Date 28 July 1960
Indexed H.E.O.

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.744		.154			4.722		.147		Tor. B.M. 1-9
	6.590		.151			4.575		.147		Western Ave and Sepulveda Blvd
1	6.439		.305			4.428		.294		See F.B. 2447-88
	19.773	6.5911		.305		13.725	4.575		294	for description
	6.171		.151			3.907		.151		
	6.020		.150			3.756		.148		T LeGault
2	5.870		.301			3.608		.299		
	18.061	6.020		.606		11.271	3.757		593	
	6.241		.188			3.763		.183		
	6.053		.188			3.580		.187		
3	5.865		.376			3.393		.370		
	18.159	6.053		.982		10.736	3.579		963	
	5.915		.185			3.215		.190		
	5.730		.186			3.025		.187		
4	5.544		.371			2.838		.377		
	17.189	5.730		1.353		9.078	3.026		1.340	
	6.741		.183			4.815		.186		
	6.558		.186			4.629		.188		
5	6.372		.369			4.441		.374		
	19.671	6.557		1.722		13.885	4.628		1.714	
		30.951					19.565			

F.B. 2449 P.G. 12-5

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 08:30 - 09:20 Rod No. 31 - 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From Tov. BM 1-9 To Tov BM 7-1
Date 28 July 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	6.868	30.951	.188	1.722		3.481	19.565	.185	1.714	
	6.680		.187			3.296		.186		
	6.493		.375			3.110		.371		
	20.041	6.680		2.097		9.887	3.296		2.085	
7	7.744		.186			2.302		.187		
	7.558		.187			2.115		.186		
	7.371		.373			1.929		.373		
	22.673	7.558		2.470		6.346	2.115		2.458	
8	8.178		.186			3.291		.190		
	7.992		.182			3.101		.190		
	7.810		.368			2.911		.380		
	23.980	7.993		2.838		9.303	3.101		2.838	
9	5.150		.188			7.551		.185		
	4.962		.184			7.366		.186		
	4.778		.372			7.180		.371		
	14.890	4.963		3.210		22.097	7.366		3.209	
10	2.741		.150			7.730		.150		
	2.591		.149			7.580		.150		
	2.442		.299			7.430		.300		
	7.774	2.591		3.509		22.740	7.580		3.509	
		60.736					43.023			

F.B. 2448 P.G. 126

76P526 CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 08:30-09:20 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0341.02
From Tor BM 1-9 To Tor BM 7-1
Date 28 July 1960
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.410	60.736	.188	3.509		6.329	43.023	.188	3.509	
	2.222		.190			6.141		.188		
11	2.032		.378			5.953		.376		
	6.614	2.221		3.887		18.423	6.141		3.885	
	5.520		.188			3.451		.188		Summation of Run
	5.332		.185			3.263		.184		From Tor BM 1-9
12	5.147		.373			3.079		.372		To Tor BM 7-1
	15.999	5.333		4.260		9.793	3.264		4.257	
	7.402		.144			2.902		.148		Total Backsights = + 90.072
	7.258		.148			2.754		.149		" Foresights = - 63.983
13	7.110		.292			2.605		.297		diff. elev. = + 26.089
	21.770	7.257		4.552		8.261	2.754		4.554	
	7.533		.146			3.569		.149		
	7.387		.149			3.420		.150		
14	7.238		.295			3.270		.299		
	22.158	7.386		4.847		10.259	3.420		4.853	
	7.320		.181			5.569		.188		Tor BM 7-1
	7.139		.181			5.381		.189		Arlington Ave & Sepulveda Blvd
15	6.958		.362			5.192		.377		See F.B. 2448-118
	21.417	7.139		5.209		16.142	5.381		5.230	for description
		90.072					63.983		5209	
									1043.9 Ft.	

F.B. 2448 P.G. 127

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 Sunny Inst. No. 15011
Notes by F.E.B Time 09:25-10:10 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From Tor B.M 7-1 To Tor B.M 1-9
Date 28 July 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1.	5.600 5.412 5.228		188 184 372			7.351 7.169 6.984		182 185 367		Tor. B.M 7-1 Arlington Ave and Sepulveda Blvd See F.B. 2448-118 for description
	16.240	5.413		372	76°	21.504	7.168		367	
2.	3.499 3.350 3.200		.149 .150 .299			7.471 7.321 7.172		.150 .149 .299		T. Le Gault
	10.049	3.350		.671		21.964	7.321		.666	
3	2.854 2.704 2.556		.150 .148 298			7.351 7.204 7.060		.147 .144 291		
	8.114	2.705		.969		21.615	7.205		.957	
F.B. 2448 PG. 12 B. 4	3.423 3.235 3.050		.188 .185 .373			5.499 5.312 5.125		.187 .187 .374		
	9.708	3.236		1.342		15.936	5.312		1.331	
5	6.288 6.100 5.913		.188 .187 .375			2.367 2.180 1.991		.187 .189 .376		
	18.301	6.100		1.717		6.538	2.179		1.707	
		20.804					22.185			

76P523-CE 379—10-57

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 09:25-10:10 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From Tor BM 7-1 To Tor BM 1-9
Date 28 July 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.643	20.804	.150	1.717		2.658	29.185	.149	1.707	
	7.493		.148			2.509		.149		
6	7.345		.298			2.360		.298		
	22.481	7.494		2.015		7.527	2.509		2.005	
	7.531		.183			5.129		.188		
	7.348		.187			4.941		.186		
7	7.161		.370			4.755		.374		
	22.040	7.347		2.385		14.825	4.942		2.379	
	3.280		.187			8.178		.188		
	3.093		.185			7.990		.188		
8	2.908		.372			7.802		.376		
	9.281	3.094		2.757		23.970	7.990		2.755	
	2.181		.188			7.622		.189		
	1.993		.184			7.433		.185		
9	1.809		.372			7.248		.374		
	5.983	1.994		3.129		22.303	7.434		3.129	
	3.510		.187			6.896		.185		
	3.323		.184			6.711		.189		
10	3.139		.371			6.522		.374		
	9.972	3.324		3.500		20.129	6.710		3.503	
		44.057					58.770			

F.B. 2448 P.G. 127

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 09:25 - 10:10 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor BM 7-1 To Tor BM 1-9
Date 28 July 1960 H.E. OTT
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.952	44.057	.183	3.500		6.880	58.770	.188	3.503	
	4.769		.186			6.692		.184		
11	4.583		.369			6.508		.372		
	14.304	4.768		3.869		20.080	6.693		3.875	
	3.250		.188			5.960		.188		Summation of Run
	3.062		.184			5.772		.189		From Tor. BM 7-1
12	2.878		372			5.583		.377		To Tor. BM 1-9
	9.190	3.063		4.241		17.315	5.772		4.252	
	3.841		.187			6.315		.188		Total Backsights = + 63.756
	3.654		.184			6.127		.188		" Foresights = - 89.856
13	3.470		.371			5.939		.376		diff. elev. = 26.100
	10.965	3.655		4.612		18.381	6.127		4.628	
	3.882		.150			6.149		.150		
	3.732		.150			5.999		.149		
14	3.582		300			5.850		299		
	11.196	3.732		4.912		17.998	5.999		4.927	
	4.629		.149			6.649		.154		Tor BM 1-9
	4.480		.147			6.495		.154		Western Ave and Sepulveda
15	4.333		296			6.341		308		Blvd see F.B. 2447-88
	13.442	4.481		5.208		19.485	6.495		5.235	for description
		63.756					89.856			

F.B. 2448 P.G. 130

76P52-6-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F.E. Brooks Weather: Sunny Inst. No. 15066
Notes by: F.E.B Time: 10:25 – 11:00 Rod No. 71-32

Name: L.A.Co. Precise Level Net
Job No.: 0301.02
From: Tor BM 7-1 To: Tor BM 2-9
Date: 28 July 1960
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.569		.198			7.373		.188		Tor BM 7-1
	6.371		.196			7.185		.186		Arlington Ave. and Sepulveda Blvd
1	6.175		.394			6.999		.374		See F.B. 2448-118
	19.115	6.372		.394	78°	21.557	7.186		.374	for description
	3.034		.146			7.692		.152		
	2.888		.145			7.540		.151		T. Le Gault
2	2.743		.291			7.389		.303		
	8.665	2.888		.685		22.621	7.540		.677	
	2.981		.150			7.091		.150		
	2.831		.147			6.941		.149		
3	2.684		.297			6.792		.299		
	8.496	2.832		.982		20.824	6.941		.976	
	4.051		.188			6.171		.188		
	3.863		.187			5.983		.184		
4	3.676		.375			5.799		.372		
	11.590	3.863		1.357		17.953	5.984		1.348	
	5.542		.185			4.815		.186		
	5.357		.187			4.629		.186		
5	5.170		.372			4.443		.372		
	16.069	5.356		1.729		13.887	4.629		1.720	
		21.311					32.280			

F.B. 2448 P.G. 131

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by F. E. B. Time 10:25 - 11:00 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From To-BM 7-1 To To-BM 2-9
Date 28 July 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	6.198	21.311	.188	1.729		4.560	32.280	.188	1.720	
	6.010		.187			4.372		.184		
	5.823		.375			4.188		.372		
	18.031	6.010		2.104		13.120	4.373		2.092	
7	5.131		.184			5.671		.188		
	4.947		.187			5.483		.184		
	4.760		.371			5.299		372		
	14.838	4.946		2.475		16.453	5.484		2.464	
8	5.281		.186			5.538		.188		
	5.095		.185			5.350		.188		
	4.910		.371			5.162		.376		
	15.286	5.095		2.846		16.050	5.350		2.840	
9	6.480		.181			4.144		.186		
	6.299		.181			3.958		.187		
	6.118		.362			3.771		.373		
	18.897	6.299		3.208		11.873	3.958		3.213	
10	6.020		.188			6.175		.187		
	5.832		.186			5.988		.188		
	5.646		374			5.800		.375		
	17.498	5.833		3.582		17.963	5.988		3.588	
		49.494					57.433			

F.B. 2448 P.G. 132

76P5-6-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by F E B Time 10:25-11:00 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From Tor BM 7-1 To Tor BM 2-9
Date H. E. OTT
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.615	49.494	.188	3.582		5.972	57.433	.184	3.588	
	3.427		.189			5.788		.187		
1½	3.238		.377			5.601		.371		
	10.280	3.427		3.959		17.361	5.787		3.959	
	5.723		.194			5.492		.184		Tor BM 2-9 (L.A.C. BM 22-20)
	5.529		.198			5.308		.185		Crenshaw Blvd and Sepulveda Blvd.
1½	5.331		.392			5.123		.369		See F.B. 1395-117
	16.583	5.528		4.351		15.923	5.308		4.328	for description
										Summation of Run
										From Tor. BM 7-1
										To Tor BM 2-9
										Total Backsights = + 58.449
										" Foresights = - 68.528
										diff elev. = - 10.079
		58.449					68.528			

F.B. 2448 P.G. 133

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 11:00 - 11:40 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor BM 2-9 To Tor BM
Date 28 July 1960
Indexed H. E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.292		.187			5.518		.193		Tor BM 2-9 (L.A.Co. BM22-20)
	5.105		.184			5.325		.194		Crenshaw Blvd and Sepulveda Blvd
1.	4.921		.371			5.131		.387		see F.B. 1395+117
	15.318	5.106		.371	78°	15.974	5.325		.387	for description
	5995		.185			3.637		.188		
	5810		.187			3.449		.188		π Le Gault
2	5623		.372			3.261		.376		
	17.428	5.809		.743		10.347	3.449		.763	
	6.095		.194			5.931		.183		
	5.901		.190			5.748		.181		
3	5.711		.384			5.567		.364		
	17.707	5.902		1.127		17.246	5.749		1.127	
	4.086		.186			6.420		.181		
	3.900		.189			6.239		.181		
4	3.711		.375			6.058		.362		
	11.697	3.899		1.502		18.717	6.239		1.489	
	5.492		.187			5.240		.190		
	5.305		.187			5.050		.188		
5	5.118		.374			4.862		.378		
	15.915	5.305		1.876		15.152	5.051		1.867	
		26.021					25.813			

F.B. 2448 P.G. 134

76P525-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F E Brooks Weather: Sunny Inst. No.: 15066
Notes by: F E B Time: 11:00-11:40 Rod No.: 31-32

Name: L.A. Co. Precise Level Alt
Job No.: 0301.02
From: Tot BM 29 To: Tot BM 7-1
Date: 28 July 1960
Indexed: M.E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.683	26.021	.185	1.876		5.146	25.813	.186	1.867	
	5.498		.187			4.960		.188		
6	5.311		.372			4.772		.374		
	16.492	5.497		2.248		14.878	4.959		2.741	
	4.648		.187			6.287		.186		
	4.461		.183			6.101		.189		
7	4.278		.370			5.912		.375		
	13.387	4.462		2.618		18.300	6.100		2.616	
	4.759		.188			5.489		.188		
	4.571		.186			5.301		.186		
8	4.385		.374			5.115		.374		
	13.715	4.572		2.992		15.905	5.302		2.990	
	6.143		.185			4.024		.186		
	5.958		.188			3.838		.190		
9	5.770		.373			3.648		.376		
	17.871	5.957		3.365		11.510	3.837		3.366	
	7.080		.150			2.970		.150		
	6.930		.150			2.820		.150		
10	6.780		.300			2.670		.300		
	20.790	6.930		3.665		8.460	2.820		3.666	
		53.439					48.831			

F.B. 2448 P.G. 135

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F.E. Brooks Weather: Sunny Inst. No.: 15066
Notes by: F.E.B. Time: 11:00 – 11:40 Rod No.: 31-32

Name: L.A.C. Precise Level Net
Job No.: 0301.02
From: Tor. BM 2-9 To: Tor. BM 7-1
Date: 28 July 1960
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	7.619	53.439	.149	3.665		2.965	48.831	.149	3.666	
	7.470		.149			2.816		.148		
	7.321		.298			2.668		.297		
	22.410	7.470		3.963		8.449	2.816		3.963	
12.	7.584		.186			6.778		.196		Tor. B.M. 7-1
	7.398		.189			6.582		.192		Sepulveda Blvd and Arlington Ave
	7.209		.375			6.390		.388		see F.B. 2448-118
	22.191	7.397		4.338		19.750	6.583		4.351	for description
									4338	
									8689	
										Summation of Run
										From Tor. BM 2-9
										To Tor BM 7-1
										Total Backsights: + 68.306
										" Foresights = − 58.230
										diff. elev = + 10.076
		68.306					58.230			

F.B. 2448 PG. 136

76P5 6-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny - Windy Inst. No. 15066
Notes by F.E.B. Time 13:00 - 13:35 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor. BM 3-7 To Tor BM 7-3
Date 28 July 1960
Indexed H.E.O.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.023		.188			5.725		.187		Tor BM 3-7 (L.A.C. B.M 22-14)
	5.835		.190			5.538		.187		Hawthorne Ave and Sep
1	5.645		.378			5.351		.374		See F.B. 1395-17
	17.503	5.834		.378	78°	16.614	5.538		.374	for description
	4.965		.187			5.628		.189		
	4.778		.188			5.439		.188		K Le Gault
2	4.590		.375			5.251		.377		
	14.333	4.778		.753		16.318	5.439		.751	
	5.043		.186			6.370		.188		
	4.857		.186			6.182		.187		
3	4.671		.372			5.995		.375		
	14.571	4.857		1.125		18.547	6.182		1.126	
	6.464		.186			5.809		.188		
	6.278		.189			5.621		.186		
4	6.089		.375			5.435		.374		
	18.831	6.277		1.500		16.865	5.622		1.500	
	5.953		.186			4.888		.187		
	5.767		.187			4.701		.186		
5	5.580		.373			4.515		.377		
	17.300	5.767		1.873		14.104	4.701		1.873	
		27.513					27.482			

F.B. 2448 P.G. 137

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny - Windy Inst. No. 15066
Notes by F.E.B. Time 13:00 - 13:35 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor BM 3-7 To Tor BM 7-3
Date 28 July 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	5.716	27.513	.185	1.873		5.607	27.482	.186	1.873	
	5.525		.185			5.421		.188		
	5.340		.370			5.233		.374		
	16.575	5.525		2.243		16.261	5.420		2.247	
7	5.218		.187			5.482		.185		
	5.031		.185			5.297		.186		
	4.846		.372			5.111		.371		
	15.095	5.032		2.615		15.890	5.297		2.618	
8	5.482		.187			4.477		.184		
	5.295		.185			4.293		.188		
	5.110		.372			4.105		.372		
	15.887	5.296		2.987		12.875	4.292		2.990	
9	6.332		.183			4.383		.185		
	6.149		.186			4.198		.187		
	5.963		.369			4.011		.372		
	18.444	6.148		3.356		12.592	4.197		3.362	
10	6.099		.116			4.749		.113		
	5.983		.116			4.636		.113		
	5.867		.232			4.523		.226		
	17.949	5.983		3.588		13.908	4.636		3.588	
		55.497					51.324			

F.B. 2448 P.G. 138

76P525-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny-Windy Inst. No. 15066
Notes by F.E.B. Time 13:00 - 13:35 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor BM 3-7 To Tor BM 7-3
Date 28 July 1960
Indexed N.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
	6.539	55.497	057	3.588		5.373	51.324	051	3.588	Tor. BM 7-3
	6.482		056			5.322		054		Sepulveda Blvd and Anza Ave
11	6.426		113			5.268		105		See F.B. 2448-119
	19.447	6.482		3.701		15.963	5.321		3.693	for description
									3701	
									7394	
										Summation of Run
										From Tor BM 3-7
										To Tor BM 7-3
										Total Backsights = + 61.979
										" Foresights = - 56.645
										diff. elev = + 5.334
		61.979					56.645			

F.B. 2448 P.G. 139

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny - Windy Inst. No. 15066
Notes by F.E.B. Time 13:40 - 14:05 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From Tor BM 7-3 To Tor BM 3-7
Date 28 July 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5.303		052			6.469		058		Tor. BM 7-3
	5251		052			6.411		056		Sepulveda Blvd and Anza Ave
	5199		.104			6.355		.114		See F.B. 2448-119
	15.753	5.251		.104	78°	19.235	6.412		.114	for description
2	4.778		.111			6.131		.113		
	4.667		.114			6.018		.117		T Le Gault
	4.552		.225			5901		.230		
	13.998	4.666		.329		18.050	6.017		.344	
3	4.384		.186			6.328		.183		
	4.198		.188			6.145		.184		
	4.010		.374			5.961		.367		
	12.592	4.197		.703		18.434	6.145		.711	
F.B. 2442 P.G. 140 4	4.365		.185			5.381		.188		
	4.180		.185			5.193		.184		
	3.995		.370			5.009		.372		
	12.540	4.180		.1073		15.583	5.194		.1083	
5	5.482		.183			5.211		.183		
	5.299		.187			5.028		.187		
	5.112		.370			4.841		.370		
	15.893	5.298		.1443		15.080	5.027		.1453	
	23.592					28.995				

76P5[illegible]6-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny - windy Inst. No. 15066
Notes by F.E.B. Time 13:40-14:05 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From Tor. BM 7-3 To Tor. BM 3-7
Date 28 July 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.561	23.592	.186	1.443		5.665	28.795	.185	1.453	
	5.375		.186			5.480		.182		
6	5.189		.372			5.298		.367		
	16.125	5.375		1.815		16.443	5.481		1.820	
	4.820		.185			5.880		.187		
	4.635		.184			5.693		.185		
7	4.451		.379			5.508		.372		
	13.906	4.635		2.194		17.081	5.694		2.192	
	5.839		.186			6.499		.189		
	5.653		.184			6.310		.189		
8	5.469		.370			6.121		.378		
	16.961	5.654		2.564		18.930	6.310		2.570	
	6.382		.189			5.050		.188		
	6.193		.185			4.862		.185		
9	6.008		.374			4.677		.373		
	18.583	6.194		2.938		14.589	4.863		2.943	
	5.722		.186			5.064		.186		
	5.536		.188			4.878		.188		
10	5.348		.374			4.690		.374		
	16.606	5.535		3.312		14.632	4.877		3.317	
		50.985					56.020			

F.B. 2448 P.G. 141

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny - windy Inst. No. 15066
Notes by F.E.B. Time 13:40-14:05 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0501.02
From Tor. BM 7-3 To Tor. BM 3-7
Date 28 July 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	5.776	50.985	.188	3.312		6.070	56.020	.190	3.317	Tor BM 3-7 (Co. B.M. 22-14)
	5.588		.188			5.880		.188		Sepulveda Blvd and Hawthorne Ave
	5.400		.376			5.692		.378		See F.B. 1395-17
	16.764	5.588		3.688		17.642	5.881		3.695	for description
										Summation of Run From Tor BM 7-3 To Tor BM 3-7
										Total Backsights = + 56.573 " Foresights = - 61.901 diff elev = - 5.328'
	56.573					61.901				

F.B. 2448 P.G. 142

76P5-6-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny - clear Inst. No. 15066
Notes by R. Turrill Time 8:05 - 8:55 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor B.M. 7-3 To Tor B.M. 7-4
Date 29 July 1960
Indexed H.F. OH

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	7040 6853 6670		187 183 370			4382 4195 4008		187 187 374		Tor. B.M. 7-3 Sepulveda Blvd and Anza Ave See F.B. 2448-119 for description
	20563	6854		370	76°	12585	4195		374	
2	6950 6761 6575		189 186 375			5254 5070 4882		184 188 372		T Robert Siemann
	20286	6762		745		15206	5069		746	
3	6052 5867 5681		185 186 371			5487 5300 5112		187 188 375		
	17600	5867		1116		15899	5300		1121	
4	5838 5650 5462		188 188 376			5208 5021 4836		187 185 372		
	16950	5650		1492		15065	5022		1493	
5	6088 5900 5711		188 189 377			4768 4582 4399		186 183 369		
	17699	5900		1869		13749	4583		1862	
	31.033					24.169				

F.B. 2448 Pg. 143

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny - clear Inst. No. 15066
Notes by R. Turrill Time 9:05 - 9:55 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 030102
From Tex. B.M. 7-3 To Tex. B.M. 7-4
Date 29 July 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1869	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1862	DESCRIPTION AND REMARKS
6	6742	31.033	189			4862	24.169	187		
	6553		185			4675		185		
	6368		374			4490		372		
	19663	6554		2243		14027	4676		2234	
7	6380		188			4563		188		
	6192		184			4375		186		
	6008		372			4189		374		
	18580	6193		2615		13127	4376		2608	
8	6478		190			4532		182		
	6288		188			4350		182		
	6100		378			4168		374		
	18866	6289		2993		13050	4350		2982	
F.B. 2448 P.G. 144 9	6910		187			4389		188		
	6723		183			4201		186		
	6540		370			4015		374		
	20173	6724		3363		12605	4202		3356	
10	6805		185			4471		184		
	6620		189			4287		187		
	6431		374			4100		371		
	19856	6619		3737		12858	4286		3727	
	63.412					46.059				

76P525-CE 379---10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny - clear Inst. No. 15066
Notes by R. Turrill Time 9:05 - 9:55 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 030102
From Tor. B.M. 7-3 To Tor. B.M. 7-4
Date 29 July 1966
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				3737					3727	
11	6818	63.412	189			3350	46.059	189		T Robert Siemann
	6629		187			3161		186		
	6442		376			2975		375		
	19889	6630		4113		9486	3162		4102	
12	6795		096			4490		100		
	6699		098			4390		100		
	6601		184			4290		200		
	20095	6698		4297		13170	4390		4302	
									4297	
									8599	Tor. B.M. 7-4 Sepulveda Blvd and Palos Verdes Blvd See F.B. 2448-120 for description
										Summation of Run From Tor BM 7-3 To Tor BM 7-4
										Total Backsights = + 76.740 / " Foresights = - 53.611 diff. elev = + 23.129 /
	76.740 /					53.611				

F.B. 2448 PG. 145

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny - Clear Inst. No. 150 6 6
Notes by R. Turrill Time 9:55 - 10:35 Rod No. 31-32

Name L.A. Co Precise Level Net
Job No. 0.301.02
From Tor. B.M. 7-4 To Tor. B.M. 7-3
Date 29 July 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	4401		100			6702		094		Tor. B.M. 7-4
	4301		100			6608		098		Sepulveda Blvd. and Palos Verdes Blvd
	4201		200			6510		192		see F.B. 2448-120
	12903	4301		200	76°	19820	6607		192	for description
2	3388		185			6860		190		
	3203		188			6670		189		π Robert Siemann
	3015		373			6481		379		
	9606	3202		573		20011	6670		571	
3	4478		188			6808		188		
	4290		188			6620		187		
	4102		376			6433		375		
	12870	4290		949		19861	6620		946	
F.B. 2448 P.G. 146 4	4378		188			6899		189		
	4190		187			6710		185		
	4003		375			6525		374		
	12571	4190		1324		20134	6711		1320	
5	4451		181			6398		191		
	4270		181			6207		189		
	4089		362			6018		380		
	12810	4270		1686		18623	6208		1700	
		20.253					32.816			

76P525-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny-clear Inst. No. 15066
Notes by R. Turrill Time 9:55 - 10:35 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor. B.M. 2-4 To Tor. B.M. 2-3
Date 29 July 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1686	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1700	DESCRIPTION AND REMARKS
6	4530	20.253	188			6348	32.816	188		
	4342		187			6160		188		
	4155		375			5972		376		
	13027	4342		2061		18480	6160		2076	
7	4794		186			6672		189		T Robert Siemann
	4608		186			6483		185		
	4422		372			6298		374		
	13824	4608		2433		19453	6484		2450	
8	4788		186			6104		185		
	4602		184			5919		189		
	4418		370			5730		374		
	13808	4603		2803		17753	5918		2823	
9	5368		189			5989		187		
	5179		191			5802		183		
	4988		380			5619		370		
	15535	5178		3183		17410	5803		3193	
10	5610		186			6179		190		
	5424		184			5989		186		
	5240		370			5803		376		
	16274	5425		3553		17971	5990		3569	
		44.409					63.171			

F.B. 2448 PG. 147

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny - clear Inst. No. 15066
Notes by R. Turrill Time 9:55 - 10:35 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From Tor. B.M. 7-4 To Tor. B.M. 7-3
Date 29 July 1960
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 3553	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 3569	DESCRIPTION AND REMARKS
11	5276	44.409	191			6961	63.171	183		
	5085		188			6778		187		
	4897		379			6591		370		
	15258	5086		3932		20330	6777		3939	
12	4548		190			7200		185		
	4358		189			7015		185		
	4169		379			6830		370		
	13078	4359		4311		21045	7015		4309	
										Tor. B.M. 7-3 SEPULVEDA BLVD. & ANZA AVE. FOR DESCRIPTION SEE F.B. 2448-119
										Summation of Run From Tor BM 7-4 To Tor BM 7-3
										Total Backsights = + 53.854 " Foresights = - 76.963 diff. elev. = - 23.109
	53.854					76.963				

F.B. 2448 P.G. 148

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny - windy Inst. No. 15066
Notes by R. Turrill Time 13:35 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From Tor. BM 7-4 To Tor BM 7-3
Date 29 July 1960
Indexed H. E. Oil

Number of Station	BACKSIGHT Thread 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	4500		100			6802		094		Tor. BM 7-4
	4400		100			6708		096		Sepulveda Blvd and Palos Verdes
	4300		200			6612		190		Blvd. See F.B. 2448-120
	13200	4400		200		20122	6707		190	for description
2	3390		187			6858		189		
	3203		184			6669		186		π Siemann
	3019		371			6483		375		
	9612	3204		571		20010	6670		565	
3	4490		185			6825		186		
	4305		185			6639		189		
	4120		370			6450		375		
	12915	4305		941		19914	6638		940	
4	4426		187			6948		187		
	4239		189			6761		187		
	4050		376			6574		374		
	12715	4238		1317		20283	6761		1314	
5	4460		186			6399		191		
	4274		184			6208		190		
	4090		370			6018		381		
	12824	4275		1687		18625	6208		1695	
		20422					32984			

F.B. 2448 P.G. 149

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny - windy Inst. No. 15064
Notes by R. Turrill Time 13:35 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor BM 4 To Tor BM 4-3
Date 29 July 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				1687					1695	
6	4475	20422	188			6290	5984	186		
	4287		187			6104		185		
	4100		375			5919		371		
	12862	4287		2062		18313	6104		2066	
7	4703		185			6583		185		
	4518		186			6398		188		
	4332		371			6210		373		
	13553	4518		2433		19191	6397		2439	
8	4770		185			6085		185		
	4585		185			5900		189		
	4400		370			5711		374		
	13755	4585		2803		17696	5899		2813	
9	5382		188			6004		184		
	5194		186			5820		187		
	5008		374			5633		371		
	15584	5195		3177		17457	5819		3184	
10	5580		184			6150		185		
	5396		186			5965		187		
	5210		370			5778		372		
	16186	5395		3547		17893	5964		3556	
	44402					63167				

F.B. 2442 P.G. 150

76P5[illegible]6-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny - windy Inst. No. 15066
Notes by R. Turrill Time 13:35 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From Tor BM 7-4 To Tor BM 7-3
Date 29 July 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				3547					3556	
	5305	44402	187			6995	63167	186		
	5118		188			6809		187		T Siemann
N	4930		375			6622		373		
	15353	5118		3922		20426	6809		3929	
	4525		190			7182		186		Tor. BM 7-3
	4335		187			6996		188		Sepulveda Blvd and Anza Ave
12	4148		377			6808		374		see F.B. 2448-119
	13008	4336		4299		20986	6995		4303	for description.
										Summation of Run
										From Tor BM 7-4
										To: Tor BM 7-3
										Total Backsight = + 53.856
										Total Foresights = - 76.971
										diff. elev. = - 23.115
	53856					76971				

F.B. 2448 Pg. 151

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 2448 P.G. 152										

76P5[illegible]-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny - Clear Inst. No. 15066
Notes by R. Turri II Time 10:50 - 11:30 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor. B.M. 7-4 To Tor. B.M. 7-5
Date 29 July 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7801		186			5521		187		Tor. BM 7-4
	7615		185			5334		186		Sepulveda Blvd. and Palos Verdes
1	7430		371			5148		373		Blvd. See F.B. 2448-120
	22846	7615		371	84°	16003	5334		373	for description
	4848		190			7470		189		
	4658		191			7281		189		T LeGault
2	4467		381			7092		378		
	13973	4658		752		21843	7281		751	
	2447		149			7944		145		
	2298		149			7799		148		
3	2149		288			7651		293		
	6894	2298		1040		23394	7798		1044	
	3419		148			6097		147		
	3271		148			5950		149		
4	3123		296			5801		296		
	9813	3271		1336		17848	5949		1340	
	3110		152			5595		152		
	2958		155			5393		151		
5	2803		307			5242		303		
	8871	2957		1643		16180	5393		1643	
	20.799					31.755				

F.B. 2448 P.G. 15-23

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny-Clear Inst. No. 15066
Notes by R. Turri II Time 10:50 - 11:30 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From Tax B.M. 7-4 To Tax B.M. 7-5
Date 29 July 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1693	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1693	DESCRIPTION AND REMARKS
6	7253	20.799	073			1369	31.955	074		
	7180		072			1295		075		
	7108		145			1220		149		
	21541	7180		1788		3884	1295		1792	
7	8656		049			1420		054		
	8607		049			1366		056		
	8558		098			1310		110		
	25821	8607		1886		4096	1365		1902	
8	10235		075			2746		074		
	10160		075			2672		072		
	10085		150			2600		148		
	30480	10160		2036		8018	2673		2050	
9	7403		073			1788		078		
	7330		073			1710		074		
	7257		146			1636		152		
	21990	7330		2182		5134	1711		2202	
10	9418		116			7679		109		
	9302		112			7570		108		
	9190		228			7462		217		
	27910	9303		2410		22711	7570		2419	
	63.379					46.369				

F.B. 2448 P.G. 154

76P52-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny - clear Inst. No. 15066
Notes by R. Turrill Time 10:50 - 11:30 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor. B.M. 7-4 To Tor. B.M. 7-5
Date 29 July 1960
Indexed H.E. OR

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 2410	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 2419	DESCRIPTION AND REMARKS
11	1580	63.379	068			9722	46.369	065		
	1512		065			9657		065		
	1447		133			9592		130		
	4539	1513		2543		28971	9657		2549	
12	1090		068			9069		066		A Le Gault
	1022		066			9003		065		
	0956		134			8938		131		
	3068	1023		2677		27010	9003		2680	
13	1776		088			7559		089		Summation of Run
	1688		088			7470		089		From Tor BM 7-4
	1600		176			7381		178		To Tor BM 7-5
	5064	1688		2853		22410	7470		2858	
14	2961		149			7811		146		Total Backsights = + 74.175
	2812		149			7665		147		" Foresights = - 86.796
	2663		298			7518		293		diff. elev. = -12.621
	8436	2812		3151		22994	7665		3151	
15	3850		090			6726		094		Tor. B.M. 7-5
	3760		090			6632		093		Linda Dr. and Clearsite St.
	3670		180			6539		187		See F.B. 2448-121
	11280	3760		3331		19897	6632		3338	for description
		74.175					86.796		3331	
									6669	

F.B. 2448 P.G. 155

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather Sunny - Clear Inst. No. 15066
Notes by R. Turrill Time 11:30 - 13:30 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.03
From Tor. B.M. 7-5 To Tor. B.M. 7-4
Date 29 July 1964
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	6759		093			3881		090		Tor. B.M. 7-5
	6666		095			3791		091		Clearsite St. and Linda Dr.
	6571		188			3700		181		see F.B. 2448-121
	19996	6.665		188	86°	11372	3.791		181	for description
2	7895		146			3048		150		T LeGault
	7749		148			2898		150		
	7601		294			2748		300		
	23295	7.748		482		8694	2.898		481	
3	7538		089			1757		089		
	7449		089			1668		088		
	7360		178			1580		177		
	22347	7449		660		5005	1668		658	
F.B. 2448 PG. 156 4	8972		064			0995		066		
	8908		066			0929		068		
	8842		130			0861		139		
	26722	8907		790		2785	0928		792	
5	9653		064			1508		068		
	9589		064			1440		065		
	9525		128			1375		133		
	28767	9.589		918		4323	1.441		925	
		40.358					10.926			

76P52-CE 379—10-57

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Chief of Party F. E. Brooks Weather Sunny - Clear Inst. No. 15066
Notes by R. Turrill Time 11:30 - 13:30 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From Tor. B.M. 7-5 To Tor. B.M. 7-4
Date 29 July 1960
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 918	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 925	DESCRIPTION AND REMARKS
6	7601	40.358	111			9331	10.726	110		
	7490		110			9221		111		
	7380		221			9110		221		
	22471	7490		1139		27662	9.221		1146	
7	1693		074			7310		073		T Le Gault
	1619		076			7237		075		
	1543		150			7162		148		
	4855	1618		1289		21709	7.236		1294	
8	2766		074			10257		076		
	2692		072			10181		073		
	2620		146			10108		149		
	8078	2693		1435		30546	10.182		1443	
9	1471		053			8707		049		
	1418		056			8658		050		
	1362		109			8608		099		
	4251	1417		1544		25973	8.658		1542	
10	1323		074			7208		075		
	1249		075			7133		073		
	1174		149			7060		148		
	3746	1249		1693		21401	7.134		1690	
		54.825					53.157			

F.B. 2448 P.G. 157

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather Sunny-clear Inst. No. 15066
Notes by R. Turrill Time 11:30- 13:30 Rod No. 31-32

Name L.A.Co Precise Level Net
Job No. 0301.02
From Tor. B.M. 7-5 To Tor. B.M. 7-4
Date 29 July 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1693	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1690	DESCRIPTION AND REMARKS
11	5500	54.825	151			3066	53.157	154		Summation of Run
	5349		151			2912		152		From Tor BM 7-5
	5198		302			2760		306		To Tor BM-7-4
	16047	5349		1995		8738	2913		1996	
12	6101		148			3426		148		Total Backsights = + 86.492
	5953		145			3278		148		+ Foresights = - 73.863
	5808		293			3130		296		diff. elev = + 12.6289
	17862	5954		2288		9834	3278		2292	
13	7910		148			2410		150		1 hr. For Lunch
	7762		145			2260		149		
	7617		293			2111		299		
	23289	7763		2581		6781	2260		2591	
14	7515		186			4891		192		
	7329		189			4699		190		
	7140		375			4509		382		
	21984	7328		2956		14099	4700		2973	
15	5465		193			7738		183		Tor. B.M. 7-4
	5272		190			7555		183		Sepulveda Blvd and Palos Verdes
	5082		383			7372		366		Blvd. see F.B. 2448-120
	15819	5273		3339		22665	7555		3339	for description
	86.492					73.863				

F.B. 2448 P.G. 158

76P52-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny - Windy Inst. No. 15066
Notes by A. R. Workman Time 14:30 - 16:10 Rod No. 31 - 32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Tor BM 7-5 To Tor BM 7-6
Date 29 July 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4945		076			8111		.071		Tor BM 7-5
	4869		076			8040		.073		Clearsite St and Linda Dr.
1	4793		.152			7967		.144		See F.B. 2448-121
	14607	4.869		.152	80°	24118	8.039		.144	for Description
	1051		.066			9315		.065		
	0985		.065			9250		.064		T Le Gault
2	0920		.131			9186		.129		
	2956	0.985		.283		27751	9.250		.273	
	1104		.066			9792		.065		
	1038		.068			9727		.067		
3	0970		.134			9660		.132		
	3112	1.037		.417		29179	9.726		.405	
	2698		.108			6599		.104		
	2590		.106			6495		.103		
4	2484		.214			6392		.207		
	7772	2.591		.631		19486	6.495		.612	
	1680		.110			7080		.115		
	1570		.110			6965		.116		
5	1460		.220			6849		.231		
	4710	1.570		.851		20894	6.965		.843	
		11.052					40.475			

F.B. 2448 P.G. 159

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Sunny-Windy Inst. No. 15066
Notes by A. R. Workman Time 14:30-15:10 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From TOR. B.M. 7-5 To TOR. B.M. 7-6
Date 29 July 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	3671	11.052	.187	.851		4559	4.475	.188	.843	
	3484		.184			4371		.188		
	3300		.371			4183		.376		
	10455	3.485		.1222		13113	4.371		.1219	
7	7980		.091			1042		.091		
	7889		.090			0951		.090		
	7799		.181			0861		.181		
	23668	7.889		.1403		2854	0.951		.1400	
8	11585		.186			11885		.166		
	11399		.188			11719		.164		
	11211		.374			11555		.330		
	34195	11.398		.1777		35159	11.720		.1730	
F.B. 2448 P.G. 160 9	2050		.195			7944		.195		
	1855		.195			7749		.197		
	1660		.390			7552		.392		
	5565	1.855		.2167		23245	7.748		.2122	
10	2944		.180			7857		.196		
	2764		.179			7661		.194		
	2585		.359			7467		.390		
	8293	2.764		.2526		22985	7.662		.2512	
		38.443					72.927			

76P5[illegible]6-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny-Windy Inst. No. 15066
Notes by R. R. Workman Time 14:30-15:10 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From TOR. B.M. 7-5 To TOR. B.M. 7-6
Date 29 July 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	3046	38.443	.174	2526		7568	72.927	.177	2512	
	2872		.173			7391		.179		
	2699		.347			7212		.356		
	8617	2872		2873		22171	7390		2868	
									2873	
									5741	TOR. B.M. 7-6 Carol Dr., Downs Way and Robert Rd. see F.B. 2448-122 for description
										summation of Run From Tor. BM 7-5 To Tor. BM 7-6
										Total Back sights = + 41.315 " Foresights = - 80.317 diff. elev. = -39.002
	41.315					80.317				

F.B. 2448 P.G. 161

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Sunny Inst. No. 15066
Notes by A. R. Workman Time 09:30 - 10:00 Rod No. 31 & 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From Tor. BM 7-6 To Tor. BM 7-5
Date 1 Aug. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7570		176	350		3049		177		Tor. BM 7-6
	7394		174			2872		173		Carol Dr., Doris Way and Robert
1	7220		350			2699		350		Rd. See F.B. 2448-122
	22184	7.395			74°	8620	2.873			for description
	7884		185	350		2992		188	350	
	7699		188			2804		186		
2	7511		373			2618		374		
	23094	7.698		723		8414	2.805		724	
	7971		188			2092		201		
	7783		184			1891		205		
3	7599		372			1686		406		
	23353	7.784		1095		5669	1.890		1130	
	11939		167			11631		180		
	11772		168			11451		180		
4	11604		335			11271		360		
	35315	11.772		1430		34353	11.451		1490	
	0642		.099			7562		.082		
	0543		.096			7480		.082		
5	0447		.195			7398		.164		
	16320	0.544		1625		22440	7.480		1654	
		35.193					26.499			

F.B. 3448 P.G. 162

76P523-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather SUNNY Inst. No. 15066
Notes by A. R. Workman Time 09:30 - 10:00 Rod No. 31432

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From TOR BM 7-6 To TOR BM 7-5
Date 1 AUG. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4570	35.193	192	1625		3678	26.499	182	1654	
	4378		194			3496		183		
6	4184		386			3313		365		
	13132	4.377		2011		10487	3.496		2019	
	7333		.110			1941		111		
	7223		.110			1830		111		
7	7113		.220			1719		222		
	21669	7.223		2231		5490	1.830		2241	
	6580		102			2682		104		
	6478		103			2578		106		
8	6375		205			2472		210		
	19433	6.478		2436		7732	2.577		2451	
	9617		.066			0929		069		
	9551		.064			0860		.067		
9	9487		130			0793		.136		
	28655	9.552		2566		2582	0.861		2587	
	9383		.065			1119		.064		
	9318		.068			1056		.065		
10	9250		133			0990		.129		
	27951	9.317		2699		3164	1.055		2716	
		72.140					36.318			

F. E. Brooks P.O. 163

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15266
Notes by A. R. Workman Time 09:30 - 10:00 Rod No. 31432

Name L.A. Co. Precise Level Net
Job No. 0301.02
From Tor BM 7-6 To Tor BM 7-5
Date 1 Aug. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	8222	72.140	.075	2699		5048	36.318	073	2716	
	8147		.076			4975		073		
	8071		.151			4902		.146		
	24440	8.147		2850		14925	4.975		2862	
										Tor BM 7-5 Clearsite St. & Linda Dr. see F.B. 2448-121 for description
										Summation of Run From Tor BM 7-6 To Tor BM 7-5
										Total Backsights = + 80.287 " Foresights = - 41.293 diff. elev = +38.994
	80.287					41.293				

F.B. 2448 PG. 164

76P5 6-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by R. F. Siemann Time 10:50 - 11:30 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From Tor BM 7-6 To Co. BM 21-54A
Date 1 Aug 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.440		185			4.740		189		Tor. BM 7-6
	6.255		184		T=74	4.551		187		Carol Dr., Doris Way, and Robert Rd
	6.071		369			4.364		376		see F.B. 2448-122
1	18.766	6.255		369		13.655	4.558		376	for description
	7.599		176			1.398		170		
	7.423		172			1.228		169		
	7.251		348			1.059		339		The Gault
2	22.273	7.424		717		3.685	1.228		715	
	8.960		059			1.242		059		
	8.901		058			1.183		061		
	8.843		117			1.122		120		
3	26.704	8.901		834		3.547	1.182		.835	
	9.990		068			0.542		072		
	9.922		069			0.470		070		
	9.853		137			0.400		142		
4	29.765	9.922		971		1.412	0.471		.977	
	9.723		073			3.860		075		
	9.650		072			3.785		076		
	9.578		145			3.709		151		
5	28.951	9.650		1.116		11.354	3.785		1.128	
	42.152					11.218				

F.B. 2448 P.G. 165

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 Sunny Inst. No. 15066
Notes by R. F. Siemann Time 10:50-11:30 Rod No. 31-32

Name L. A. Co. Precise Level Net
Job No. 03.01.02
From TOR. B.M. 7-6 To Ga. B.M. 21-54 A
Date 1 Aug. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9.185	42.152	074	1.116		0.513	11.218	073	1.128	
	9.111		073			0.440		072		
	9.038		147			0.368		145		
6	27334	9.111		1.263		1.321	0.440		1.273	
	9.650		067			0.574		074		
	9.583		064			0.500		074		
7	9.519		131			0.426		148		
	28.752	9.584		1.394		1.500	0.500		1.421	
	9.852		070			1.247		065		
	9.782		069			1.182		062		
8	9.713		139			1.120		127		
	29347	9.782		1.533		3.549	1.183		1.548	
	9.709		068			0.661		067		
	9.641		066			0.594		066		
	9.575		134			0.528		133		
9	28925	9.642		1.667		1.783	0.594		1.681	
	11.800		073			0.773		058		
	11.727		076			0.715		057		
	11.651		149			0.658		115		
10	35.178	11.726		1.816		2.146	0.715		1.796	
		91.997					14.650			

F.B. 2448 P.G. 766

76P528-CE 379—10-57

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Chief of Party F. E. BROOKS Weather Sunny Inst. No. 1066
Notes by R. F. Simmonn Time 10:50-11:20 Rod No. 31-32

Name L. A. Co. Precise Level Net
Job No. 0301.02
From Tor. B.M. 7-6 To Co. B.M. 21-54 A
Date 1 Aug. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.742	91.997	124	1.816		6.290	14.650	129	1.796	Summation of Run
	5.618		126			6.161		128		From Tor BM 7-6
	5.492		250			6.033		257		To Co. BM 21-54A
1	16.852	5.617		2.066		18.484	6.161		2.053	
	4.071		188			6.011		185		Total Backsights = + 105.408
	3.883		190			5.826		186		" Foresights = − 33.107
	3.693		378			5.640		371		diff. elev. = + 72.301
1 2	11.647	3.882		2.444		17.477	5.826		2.424	
	4.105		194			6.652		182		
	3.911		191			6.470		183		
	3.720		385			6.287		365		
1 3	11.736	3.912		2.829		19.409	6.470		2.789	
									2829	CO. BM. 21-54 A
										Pacific Coast Hwy near
										Paseo de Gracia St. see
										F.B. 1391-53 A for descrip-tion
										F.B. 2448 P.G. 67
	105.408					33.107				

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No 15066
Notes by R.F. Siemann Time 11:30-12:30 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From Co. BM 21-54 A To Co. BM 7-6
Date 1 Aug 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.681		182			4.130		191		Co. B.M. 21-54 A
	6.499		184		T=76	3.939		192		Pacific Coast Hwy near Paseo
	6.315		366			3.747		383		de Gracia St. see F.B.
1.	19.495	6.498		.366		11.816	3.939		383	1391-53A for description
	6.011		183			4.073		190		
	5.828		186			3.883		186		
	5.642		369			3.697		376		⊼ Le Gault
2.	17.481	5.827		.735		11.653	3.884		.759	
	6.299		133			5.739		119		
	6.166		135			5.620		118		
3	6.031		268			5.502		237		
	18.496	6.165		1.003		16.861	5.620		.996	
	0.846		061			11.870		071		
	0.785		060			11.799		072		
	0.725		121			11.727		143		
4	1.356	0.785		1.124		35.396	11.799		1.139	
	0.650		[illegible]			9.695		[illegible]		
	0.583		[illegible]			9.629		067		
	0.518		[illegible]			9.562		133		
5	1.751	0.584		1.256		28.886	9.629		1.272	
		19.859					34.871			

F.B. 2448 P.G. 168

76P526-CE 379---10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by R. F. Siemann Time 11:30-12:00 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From Co. B.M. 2454 A To T.O.R. B.M. 7-6
Date 1 Aug 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.035	19.859	067	1.256		9.634	34.871	065	1.272	
	0.968		068			9.569		067		
	0.900		135			9.502		132		
6	2.903	0.968		1.391		28.705	9.568		1.404	
	0.610		077			9.684		065		
	0.533		073			9.619		066		
	0.460		150			9.553		131		
7	1.603	0.534		1.541		28.856	9.619		1.535	
	0.539		074			9.211		073		
	0.465		074			9.138		075		
	0.391		148			9.063		148		
8	1.395	0.465		1.689		27.412	9.137		1.683	
	3.939		077			9.800		072		
	3.862		073			9.728		074		
	3.789		150			9.654		146		
9	11.590	3.863		1.839		29.182	9.727		1.829	
	0.561		071			10.012		070		
	0.490		070			9.942		070		
	0.420		141			9.872		140		
10	1.471	0.490		1.980		29.826	9.942		1.969	
	26.179					82.864				

F.B. 2448 P.G. 169

76P526-CE 379—10-57

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Chief of Party F. E. BROOKS Weather Sunny Inst. No. 15066
Notes by R. F. Siemann Time 11:30 - 12:00 Rod No. 31-32

Name L. A. Co. Precise Level Net
Job No. 03 01. 02
From Co. BM 21-54A To Tor. BM 7-6
Date 1 Aug. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.392	26.179	060	1.980		9.110	82.864	060	1.969	Summation of Run
	1.332		059			9.050		060		From Co. BM 21-54A
	1.273		9			8.990		120		To Tor. BM 7-6
11	3.997	1.332		2.079		27.150	9.050		2.089	
	1.438		172			7.633		170		Total Backsights = + 33.118
	1.266		171			7.463		167		" Foresights = - 105.422
	1.095		343			7.296		337		diff. elev = - 72.304
12	3.799	1.266		2.442		22.392	7.464		2.426	
	4.530		189			6.230		187		
	4.341		188			6043		183		
	4.153		377			5.860		370		
13.	13.024	4.341		2.819		18.133	6.044		2.796	
									2819 / 5615	Tor. B.M. 7-6 Calol Dr, Doris Way and Robert Rd. see F.B. 2448-122 for description

F.B. 2448 P.G. 170

33.118 105.422

Notes Ck'd by	L. A. CO. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date 8-1-60
Date	Indexed M. E. OH

F. B. 2448 Pg. 181

CITY OF TORRANCE
BENCH ELEVATIONS
J.N. 0301.02

GUIZADO	A C
GOBLE	A L
OHASHI	T
GLIDDEN	R D

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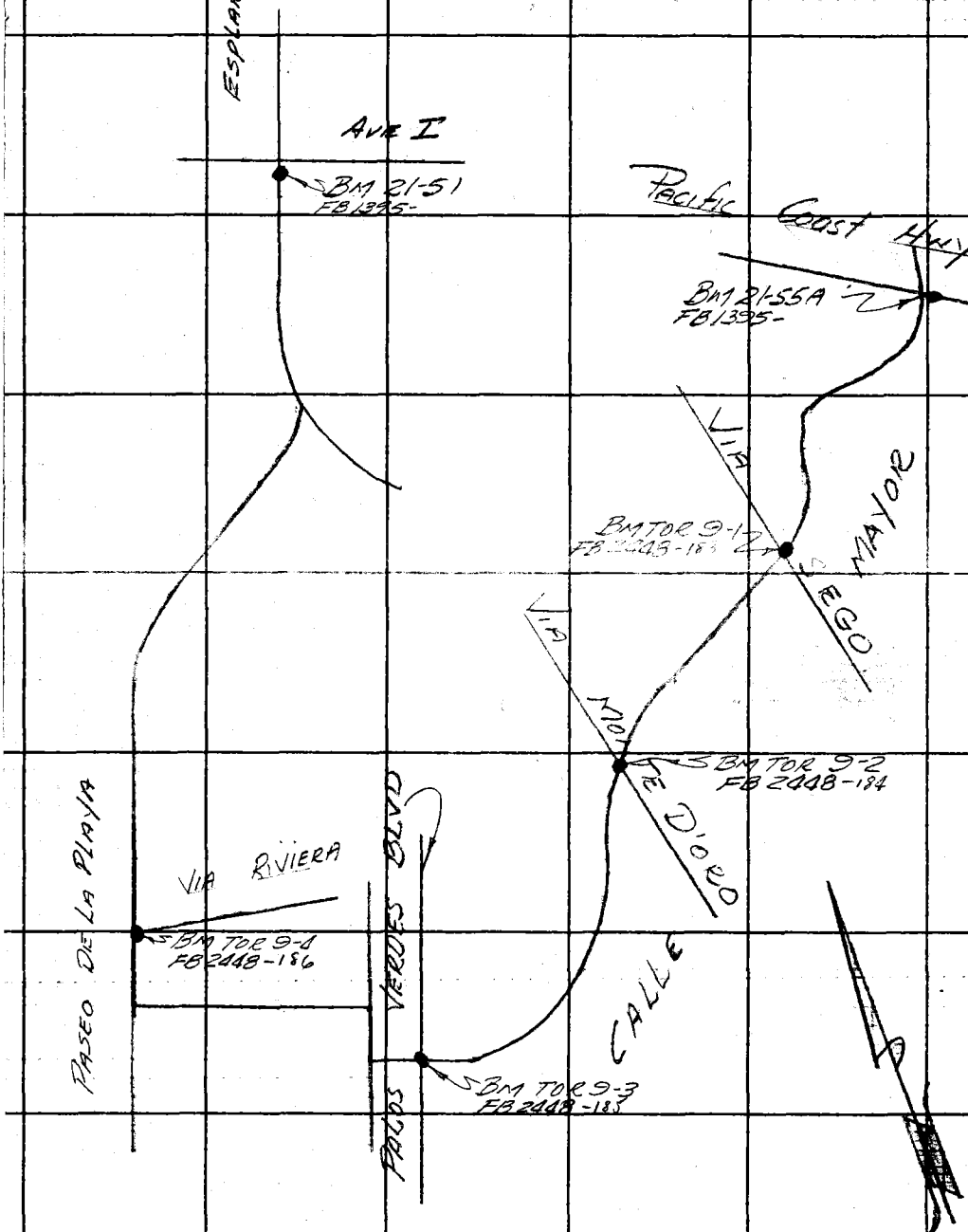
76F209S S&E #247 11-58

F. B. 2448 PG 182

INDEX
LINE 9 (TOR)



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700 Los Angeles County Engineering Bldg.

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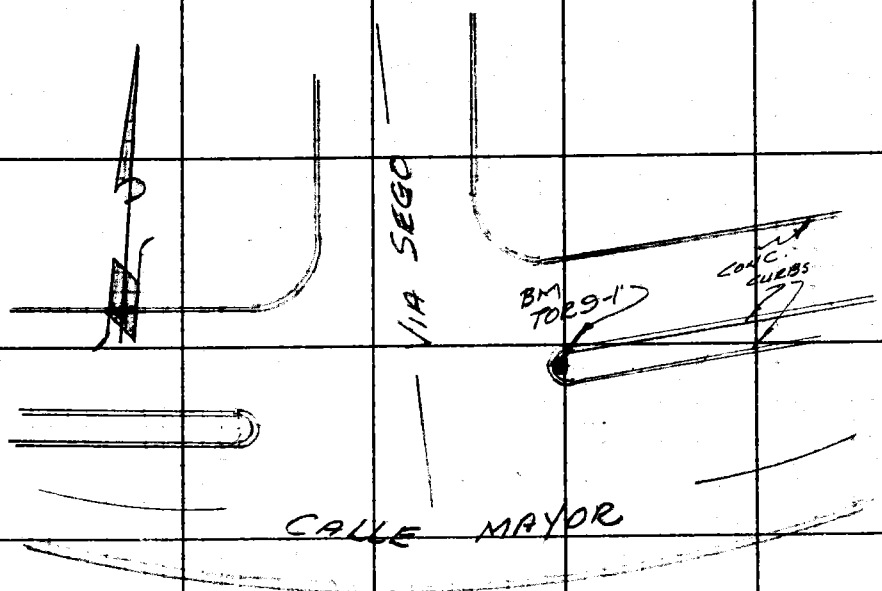
Notes Ck'd by	L. A. CO. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by A. C. GUIZADO
Checked	Notes ACG Date 8-1-60
Date	Indexed H. E. OTT

F. B. 2448 PG. 183

L. A. County
B. M. No. 55-9-1 55-36

BM TOR 9-1 =

CITY OF TORRANCE — CALLE MAYOR & VIA SEGO IN A 2'X2' CONC. SLAB IN THE E. MEDIAN STRIP — Fd A STD. COUNTY ENGR. BM BRASS CAP MON MK'D "TOR 9-1" IN CONC & IN A WELL DOWN 10" UNDER CAST IRON COVER MK'D "COUNTY ENGR. MON."



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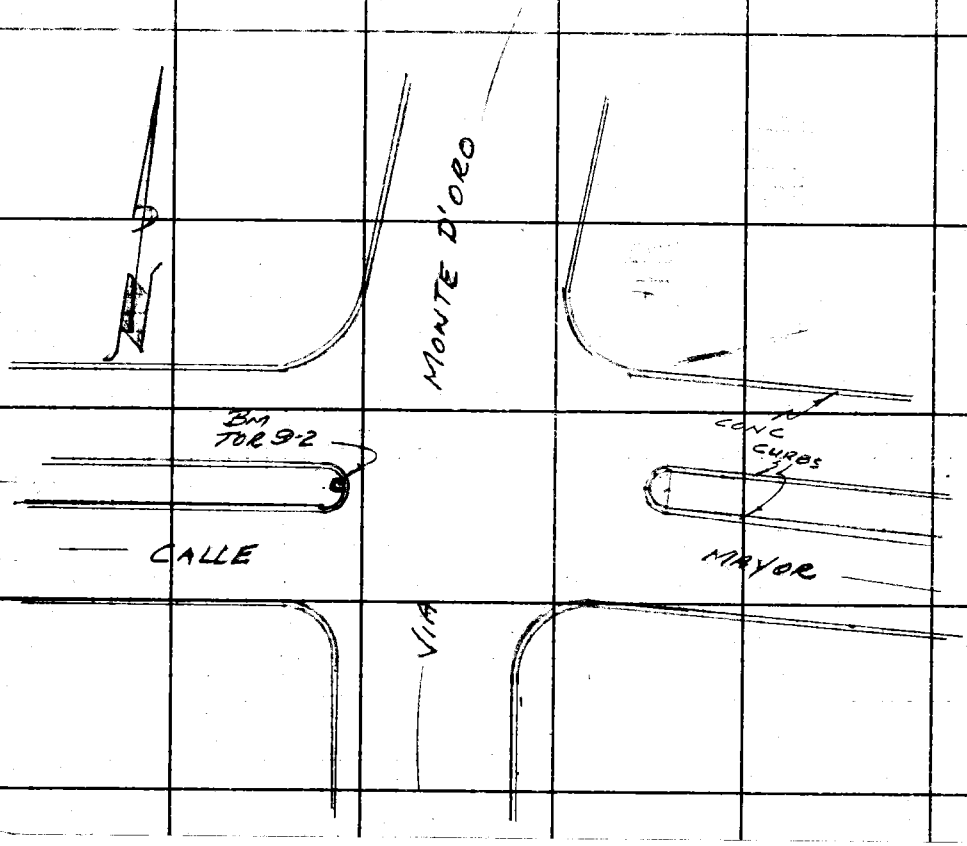
76F309S S&E #247 11-58

F. B. 2448 PG 184

L. A. County 55-37
B. M. No 55-9-2

BM TOR 9-2 =
CITY OF TORRANCE — CALLE MAYOR & VIA MONTE D'ORO — IN A 2'X2' CONC. SLAB IN THE W. MEDIAN STRIP — FD A STD COUNTY ENGR. BM BRASS CAP MON MK'D "TOR 9-2" IN A WELL DOWN 10" IN CONCRETE & UNDER CAST IRON COVER MK'D "COUNTY ENGR. MON"



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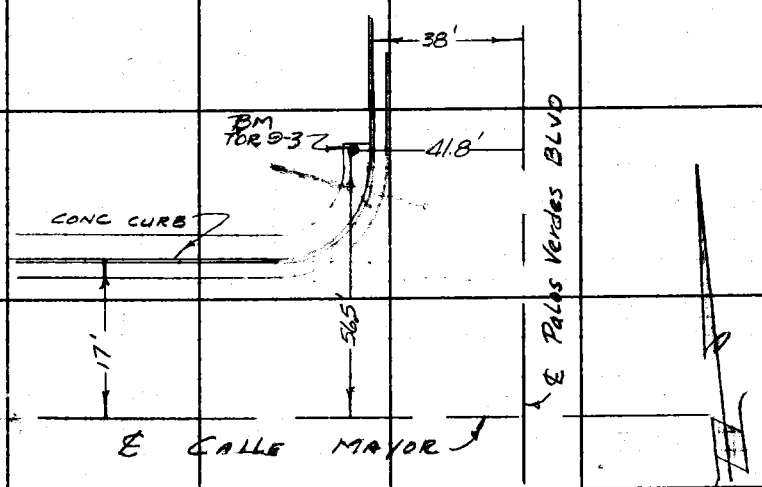
Notes Ck'd by	Survey of L. A. CO. PRECISE LEVEL NET	F. B. 2448 Pg. 185
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes ACG Date 8-1-60	
Date	Indexed H. E. OTI	

L. A. County
B. M. No. 55-9-3 55-38

BM TOR 9-3 = CITY OF TORRANCE – CALLE MAYOR & PALOS VERDE BLVD – NW COR; 56.5' N & 41.8 W OF ℄ OF STREETS AT N. END OF CONC. SIDEWALK Fd. A STD COUNTY ENGR BM BRASS CAP MON. MK'D "TOR 9-3" IN A WELL DOWN 10" IN CONC. UNDER CAST IRON COVER MK'D "COUNTY ENGR MON."



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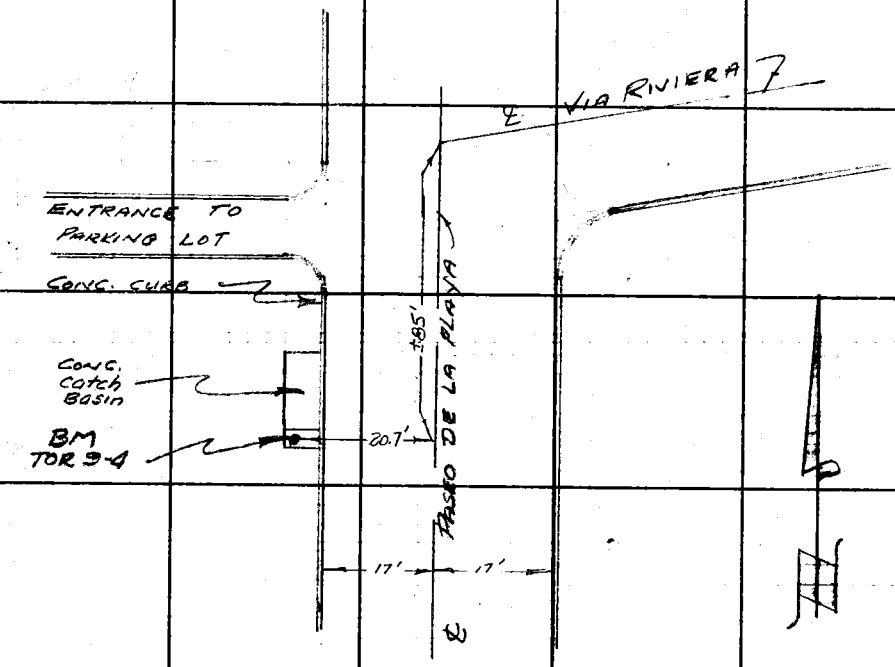
76F3095 S&E #247 11-58

F. B. 2448 PG 186

L. A. County 55-39
B. M. No. 55-9-4

BM TOR 9-4 = CITY OF TORRANCE — PASEO DE LA PLAYA & VIA RIVIERA SW COR; ±85' S. OF ℄ INT & 20.7 W OF ℄ OF PASEO DE LA PLAYA IN S. END OF A CONC CATCH BASIN — Fd A STD COUNTY ENGR BM. BRASS CAP MON MK'D "TOR 9-4" DOWN 10" IN A WELL IN CONC. UNDER CAST IRON COVER MK'D "COUNTY ENGR. MON."



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76P52 B CE # 308 8-59

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

SURVEY BY A. L. GUILLARD WEATHER Good INST. NO. 25576

NOTES BY R.G. TIME 8:05 ROD NO. 25576

INDEXED H. E. OTT DATE 7-29-60 NOTES CHKD DATE

F.B. 2448 PG 183

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS FROM B.M. 21-55A TO B.M. 9-1
B.M. 21-55A													B.M. 21-55A
1	287	121	688	5	287 272	30	009	677	310	5	24 9	30	PAC. CST HWY & CALLE MAYOR
													SEE FB 1395-
2	301	668	602	5	301 287	28	013	252	314	5	27 13	28	
3	276	300	577	5	290 263	27	014	182	315	5	28 14	28	
4	289	502	579	5	299 272	28	015	297	316	5	30 15	30	
5	286	173	587	5	299 273	26	018	581	319	5	31 5	26	
													A. L. GUILLARD
6	300	539	601	5	300 286	28	006	112	307	5	7 6	26	
7	299	96	600	5	299 [illegible]	25	[illegible]	[illegible]	315	5	30 3	27	
8	275	792	576	5	299 262	48	034	962	320	5	[illegible]	42	
9	264	102	645	5	299 [illegible]	30	008	112	309	5	23 3	30	
10	274	902	578	5	297 287	26	016	852	317	5	30 2	28	
11	300	568	[illegible]	5	300 286	28	020	268	321	5	33 5	25	
12	280	922	681	5	292 268	24	031	101	332	5	43 19	24	
13	229	512	530	5	245 213	32	201	777	602	5	217 184	33	BM TOR 9-1
TOTAL	3667	347				381	412	377				381	CALLE MAYOR & VIA SEGO
DIFF.	412	377										381	SEE FB 2448 - 183
ELEV.	3254	970									METERS	762	

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F.B. 2448 PG. 190 JOB NO. L.A. CO. PRECISE LEVEL NET

SURVEY OF Alt. NOTES C.C.

SURVEY BY H. E. OH DATE 7-27-60

INDEXED

WEATHER Good INST. NO. N3 76234

TIME 11:25 TO 12:00 ROD NO. 95496

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM TOR 9-1 TO BM 21-55A
BM TOR 9-1	199	558	500	5	216 182	34	[illegible]	187	527	5	292 210	32	BM TOR 9-1 CALLE MAYOR & VIA SIEGO
2	030	293	331	5	43 18	25	[illegible]	[illegible]	[illegible]	5	[illegible]	24	SEE FB 2448-183
3	020	259	32[illegible]	5	33 7	26	[illegible]	[illegible]	[illegible]	5	[illegible]	26	
4	019	200	320	5	33 5	25	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	
5	[illegible]	[illegible]	[illegible]	5	19 [illegible]	[illegible]	[illegible]	[illegible]	562	5	[illegible]	32	
6	039	[illegible]	34[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]	5	5	[illegible]	[illegible]	H. L. Robb
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
8	003	730	30[illegible]	[illegible]	[illegible]	23	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	
9	[illegible]	[illegible]	3[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	26	
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30		[illegible]	[illegible]	[illegible]	[illegible]	30	
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	
12	028	[illegible]	30[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	[illegible]	25	
13	0[illegible]	[illegible]	32[illegible]	5	[illegible]	30	[illegible]	[illegible]	[illegible]	5	[illegible]	30	
TOTAL	128	738					3684	69	/				BM 21-55A
DIFF.							45[illegible]	28					PAC. CST HWY & CALLE MAYOR
ELEV							324[illegible]	31	/				SEE FB 1395 -
BM 21-55A													

76P5[illegible]B CE # 308 8-59

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

SURVEY BY A.C. GUIZADO WEATHER GOOD INST. NO. 75234

NOTES BY R.E. OTT DATE 7-29-60 TIME 9:45 10:10 ROD NO. 95 & 96

INDEXED DATE NOTES CHKD DATE

F.B. 2448 Pg. 191

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 9-1 TOR TO B.M. 9-2
B.M. 9-1													B.M. 9-1 TOR
1	066	330	367	5	87 / 45	42	234	448	535	5	255 / 213	42	CALLE MAYOR & VIA SEGO
													SEE FB 2448-183
2	156	428	457	5	179 / 133	46	105	146	[illegible]	5	[illegible]	46	
3	248	[illegible]	549	5	271 / 225	46	[illegible]	[illegible]	[illegible]	5	[illegible] / 128	46	
4		[illegible]	[illegible]	5	134 / 88	46	265	[illegible]	566	5	288 / 242	46	
													A.L. GOBLE
5	074	085	375	5	97 / 51	46	082	278	383	5	105 / 59	46	
6	263	172	564	5	286 / 240	46	053	858	354	5	76 / 30	46	
7	235	198	536	5	258 / 212	46	144	856	445	5	167 / 121	46	
8	09[illegible]	833	392	5	119 / 68	46	208	091	509	5	231 / 185	46	
9	052	643	353	5	79 / 25	54	246	849	547	5	272 / 220	52	
TOTAL	1300	508	✓			418	1492	469	✓			416	
DIFF. IN							1300	508	✓			418	
ELEV.							191	961	✓			834	METERS
B.M. 9-2													BM TOR 9-2
													CALLE MAYOR & VIA MONTE D'ORO
													SEE FB 2448-184

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2448 PG. 192 JOB NO. L.A.C.O. PRECISE LEVEL NE

SURVEY OF A.C.G. NOTES R.G.

SURVEY BY H.E. Oil DATE

INDEXED

WEATHER Good INST. NO.

TIME 11:00 To ROD. NO.

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 9-2 TO B.M. 9-1
B.M. 9-2													B.M. 9-2 (TOR)
1	246	086	547	5	272 220	52	0[illegible]	[illegible]3	352	5	78 25	53	CALLE MAYOR & VIA MONTE D'ORO
													SEE FB 2448 - 184
2	205	[illegible]	[illegible]	5	231 [illegible]	46	0[illegible]	[illegible]	377	5	119 73	46	
3	[illegible]	[illegible]	449	5	171 125	46	[illegible]	[illegible]	[illegible]	5	263 [illegible]	46	
4	059	673	[illegible]	5	82 36	46	[illegible]	[illegible]	540	5	268 222	46	
5	061	[illegible]	367	5	94 38	46	00	373	376	5	92 46	46	T A.L. GOBLE
6	269	[illegible]	360	5	[illegible]	46	[illegible]	[illegible]	[illegible]	5	133 97	46	
7	156	366	457	5	172 138	46	2[illegible]	[illegible]	556	5	278 232	46	
8	107	408	408	5	130 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	182 130	46	
9	235	138	536	5	256 214	42	0[illegible]	140	367	5	87 45	42	
TOTAL	1487	565	/				~~1295~~	~~893~~					
DIFF. IN ELEV.	1295	893					1200	493					
	~~192~~	~~172~~											
B.M. 9-1	192	072											B.M. TOR 9-1
													CALLE MAYOR & VIA SEGO
													SEE FB 2448 - 183

76P5[illegible]B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 9-2 TO B.M. 9-3
B.M. 9-2	082	162	383	5	106 / 57	46	195	313	496	5	218 / 172	46	B.M. 9-2 (TOR) CALLE MAYOR & VIA MONTE D'ORO SEE FB 2448-184
2	119	642	420	5	142 / 96	46	163	492	464	5	186 / 140	46	
3	173	325	474	5	196 / 150	46	136	818	437	5	159 / 113	46	
4	231	968	532	5	254 / 208	46	269	962	370	5	92 / 46	46	
5	100	602	401	5	113 / 88	25	[illegible]	308	600	5	299 / [illegible]	26	A.L. GOBLE
6	003	601	304	5	11 / 3	16	[illegible]	102	577	5	[illegible] / [illegible]	16	
7	[illegible]	[illegible]	328	5	34 / 21	13	249	372	550	5	256 / 243	13	
8	053	662	354	5	63 / 43	20	220	490	52[illegible]	5	230 / [illegible]	20	
TOTAL	792	945				258	1630	866	✓			259	
DIFF. IN							792	945				258	
ELEV.							837	921	✓			517	METERS
B.M. 9-3													B.M. 9-3 (TOR) CALLE MAYOR & PALOS VERDES BLVD SEE FB 2448-185

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

SURVEY BY A.C. GUIZADO WEATHER Good INST. NO. N3 6234

NOTES BY R.G. DATE 7-29-60 TIME 10:10 To 10:35 ROD NO. 95-96

INDEXED H. E. OTT DATE NOTES CHKD DATE

F.B. 2448 Pg. 193

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2448 PG. 194 — L.A. CO. PRECISE LEVEL NE

SURVEY OF L.A. CO. — WEATHER Good — INST. NO. 75234 — 113

SURVEY BY A.G. — TIME 10:25 11:00 — ROD NO. 95 & 96

INDEXED H.E. OTT — NOTES R.G. — NOTES CHKD — DATE 7-22-60 — DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 9-3 TO B.M. 9-2
B.M. 9-3													B.M. 9-3 (TOR) CALLE MAYOR & PALOS VERDE BLVD see F.B. 2448-185
1	218	478	[illegible]	5	225 [illegible]	20		[illegible]	317	5	58 38	20	
2	257	399	557	5	249	13	[illegible]	[illegible]	331	5	37 [illegible]	13	
3	294	202	576	5	249 290	16	05	08	304	5	1 3	16	
4	288	693	584	5	300 272	24	[illegible]	[illegible]	307	5	100 [illegible]	24	[illegible]
5	073	518	371	5	93 80	[illegible]	[illegible]	105	634	5	256 215	[illegible]	
6	134	316	433	5	75 [illegible]	[illegible]	[illegible]	[illegible]	175	5	[illegible]	[illegible]	
7	157	997	468	5	137 138	[illegible]	[illegible]	22	1 4	5	[illegible]	[illegible]	
8	193	[illegible]	491	5	216 170	46	05	19	381	5	103 57	46	
TOTAL	1613	317	/				[illegible]	15					
DIFF.	775	05											
ELEV.	838	212	/										
B.M. 9-2													B.M. 9-2 (TOR) CALLE MAYOR & VIA MONTE D'ORO See FB 2448-184

76P52[illegible]B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. TOR. 9-3 TO B.M. TOR. 9-4
B.M. TOR. 9-3	072	74[illegible]	373	5	81 62	19	298	951	599	5	298 289	18	B.M. TOR. 9-3
2	007	86[illegible]	303	5	[illegible]	18	185	887	486	5	195 175	20	PALO VERDES BLVD & CALLE MAYOR
3	004	[illegible]77	305	5	14 [illegible]	20	300	[illegible]8	60[illegible]	5	300 290	20	See F.B. 2448 - 185
4	00[illegible]	[illegible]	310	5	[illegible]	[illegible]	[illegible]	[illegible]09	592	5	299 283	16	
5	004	73[illegible]	30[illegible]	5	13 [illegible]	18	298	[illegible]	[illegible]	5	[illegible]	[illegible]	
6	003	772	304	5	[illegible] 3	16	301	76[illegible]	602	5	301 [illegible]	14	AL. GOBLE
7	004	[illegible]	[illegible]	5	13 [illegible]	18	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	
8	006	[illegible]	30[illegible]	5	[illegible]	[illegible]	293	[illegible]	5[illegible]	5	[illegible]	[illegible]	
9	004	[illegible]	[illegible]	5	[illegible]	20	300	76[illegible]	[illegible]01	5	300 290	[illegible]	
10	006	[illegible]	[illegible]	5	14 6	[illegible]	[illegible]	[illegible]	58[illegible]	5	290 [illegible]	18	
11	025	[illegible]	[illegible]	5	36 4	22	293	328	[illegible]	[illegible]	[illegible]	[illegible]	
12	116	349	417	5	122 110	13	210	[illegible]	511		216 204	17	
TOTAL 1	26[illegible]	[illegible]				214	3[illegible]10	[illegible]	/			212 214	
DIFF IN B.M. TOR. 9-4							[illegible]	[illegible]				426	METERS
							3045	666	/				B.M. TOR. 9-4
													PASEO DE LA PLAYA & VIA RIVIERA
													SEE FB 2448 - 186

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

SURVEY BY A.C. GUIZADO WEATHER Good INST. NO. 75234

NOTES BY R.C. DATE 7-29-60 TIME 1:15 ROD NO. 95896

INDEXED H. E. OTT DATE NOTES CHKD. DATE

F.B. 2448 Pg. 195

F.B. 2448 PG. 196

JOB NO.

SURVEY OF L A CO PRECISE LEVEL NET

SURVEY BY

NOTES

INDEXED H. E. OI

DATE

WEATHER GOOD

INST. NO.

TIME 3:25 to 3:40

ROD NO.

NOTES CHKD

DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ___ TO ___
		573 633			252	573			BM TOE P-4 PASEO DE LA PLAYA & VIA RIVIERA SEE FB 2448-186
									BM TOE 9-3 CALLE MAYOR & VIA MONTE D'ORO SEE FB 2448-185

76P52 B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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.

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

SURVEY BY A.C. GUIZADO WEATHER Cloud

NOTES BY K.G. DATE 7-28 TIME 2:25 INST. NO. 35234

INDEXED H.E. OTT DATE NOTES CHKD DATE ROD NO.

F.B. 2448 PG. 197

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. TOR. 9-4 TO BM 21-51
B.M. TOR. 9-4	019	378	350	5	23 26	47	223	385	524	5	241 199	48	B.M. TOR. 9-4
					90 43						222 226	44	PASEO DE LA PLAYA & VIA RIVIERA SEE FB 2448-186
	122	069	433		46 98	48	157	069	165	5	111 63	48	
					78 55	42	273	030	574	5	303 253	42	
					9			118	577	5	217 200	42	T A.L. GOALE
					25			251	300	5	131 86	45	
					19		36	044	400	5	139 86	44	
			420	5	39 39	46			217	5	55 39	46	
					121				325	5	121 125	46	
	160	32	160	5	37	46		700	335	5	37	46	
				5			180	000	195	5	78		
	1252	550				458	1239	246	/			459 458	
							1254	550				917	METERS
							684	696	/				
BM21-51													BM21-51 ESPLANADE & AVE I SEE FB 1395 -

F.B. 2448 PG. 198

JOB NO.

SURVEY OF L. A. CO. PRECISE LEVEL NF

SURVEY BY AGG NOTES RCG

H. E. O.

INDEXED DATE

WEATHER CLEAR INST. NO. N3 75230

TIME 2:40' ROD NO. 75896

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 21.51									FROM BM 1 TO BM 70E 54
70E 54	1269	3491							BM 21.51 ESPLANADE & AVE I SEE FB 1305 -
	689	6781							
									BM 70E 54 PASEO DE LA PLAYA & VIA RIVIERA SEE FB

Notes Ck'd by	Survey of	F. B. Pg
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

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 into side of this line.

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

F6309S CE #247—7-59

F.B. _____ PG. _____