F.B. 1392 PG. 5

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Index C. C. Johnson 2-25-53

DESCRIPTION AND REMARKS

LINE NO 21

JOB NO 4923

L.A. COUNTY PRECISE LEVEL NET

CONTINUED FROM F.B. 1391

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

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

G.E. DREIER
E. LANDA
H. FRONK
M. SONNENSCHEIN
T. OHASHI
H. BLACK
R. HEMPFLING

P.W. Dept. file ok

Microfilmed Dec '87

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

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

F.B. 1392 PG. 6

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G E DREIER Weather FOGGY Inst. No. 50010
Notes by G E DREIER Time 3:00 TO 3:30 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-30 To B.M. 21-32
Date 1-20-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10.765		082		#5	2.971		084		B.M. 21-30 (W.S 1279 S-53)
	10.683		081			2.887		086		THE STRAND & MANHATTAN BEACH BLVD.
	10.602		163			2.801		170		SEE F.B. 1391-32 FOR DESCRIPTION
1	32.050	10.683		.163	60°	8.659	2.886		.170	
	6.443		091			5.491		092		
	6.352		091			5.399		091		T. E. LANDA
	6.261		182			5.308		183		
2	19.056	6.352		.345		16.198	5.399		.353	
	4.737		215			6.250		215		
	4.522		214			6.035		211		
	4.308		429			5.824		426		
3	13.567	4.522		.774		18.109	6.036		.779	
	4.683		214			7.559		211		
	4.469		215			7.348		211		
	4.254		429			7.137		422		
4	13.406	4.469		.203		22.044	7.348		1.201	
	3.803		215			5.791		214		
	3.588		218			5.577		213		
	3.370		433			5.364		427		
5	10.761	3.587		1.636		16.732	5.577		1.628	
		29.613					27.246			

F.B. 1392 PG. 7

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 10:40 TO 11:[illegible] Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-30 To B.M. 21-32
Date 1-21-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.400	29.613	212	1636		4516	27246	215	1628	
	5188		216			4301		211		
	4972		428			4090		426		
6	15.560	5.187		2.064		12.907	4.302		2054	
		34.800					31548			B.M. 21-31 (U.S. 3804 C-768) THE STRAND & 6th ST, SEE F.B. 1391-33 FOR DESCRIPTION
	4695		018			5796		018		
	4677		018			5778		019		
	4659		036			5759		037		
7	14.031	4.677		2100		17.333	5.778		2091	
		39.477					37.326			T.P.B.M. CITY OF MANHATTAN BEACH, ELEV. 20.62, CITY MON. ℄ INT. 6th ST. & E.P.L. OF STRAND
	5.931		104			5214		116		
	5.827		104			5098		115		
	5.723		208			4983		231		
8	17.481	5.827		2308		15295	5.098		2322	
		45.304					42.424			

F.B. 1392 PG. 8

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-BREEZY Inst. No. 50010
Notes by G. E. DREIER Time 10:40 TO 11:30 Rod No. 586

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-30 To B.M. 21-32
Date 1-21-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.312	4.530	215	2.338		5.950	4.242	212	2.322	
	5.097		215			5.738		210		
	4.882		430			5.528		422		
9	15.291	5.097		2.738		17.216	5.739		2.744	
	4.578		216			6.130		210		
	4.362		217			5.920		208		
	4.145		433			5.712		418		
10	13.085	4.362		3.171		17.762	5.921		3.162	
	4.758		214			5.658		214		
	4.544		212			5.444		214		
	4.332		426			5.230		428		
11	13.634	4.545		3.597		16.332	5.444		3.590	
	5.767		214			6.435		224		
	5.553		211			6.211		221		
	5.342		425			5.990		445		
12	16.662	5.554		4.022		18.636	6.212		4.035	
	4.804		060			10.860		65		
	4.744		060			10.795		64		
	4.684		120			10.731		129		
13	14.232	4.744		4.142		32.386	10.795		4.164	
		69.606					76.535			

F.B. 1372 PG. 9

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR WINDY Inst. No. 50010
Notes by G.E. DREIER Time 10:40 TO 1:30 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-30 To B.M. 21-32
Date 1-21-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.398	69.606	023	4.142		10.021	5.85	023	4.164	B.M. 21-32 (TORRANCE D-3)
	3.375		022			9.998		022		THE STRAND & 35TH ST
	3.353		045			9.976		045		SEE F.B. 1391-34
14	10.126	3.375		4.187		29.995	9.998		4.209	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 21-30 TO B.M. 21-32
										TOTAL BACKSIGHTS +72.981
										TOTAL FORESIGHTS -86.533
										DIFF IN ELEVATION -13.552
F.B. 1392 PG. 10										
		72.981					86.533			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 11:30 TO Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-32 To B.M. 21-30
Date 1-21-53
Indexed A. C. JOBSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.030		024		#5	3.405		022		B.M. 21-32
	10.006		023			3.383		022		THE STRAND S 35 FT
	9.983		047			3.361		044		SEE F.B. 1391-34
1	30.019	10.006		.047	70°	10.149	3.383		.044	FOR DESCRIPTION
	10.895		065			4.838		059		
	10.830		065			4.779		059		T E. LANDA
	10.765		130			4.720		118		
2	32.490	10.830		.177		14.337	4.779		.162	
	6.470		224			5.798		214		
	6.246		222			5.584		211		
	6.024		446			5.373		425		
3	18.740	6.247		.623		16.755	5.585		.587	
	5.621		212			4.723		215		
	5.409		213			4.508		213		
	5.196		425			4.295		428		
4	16.226	5.409		1.048		13.526	4.509		1.015	
	6.140		212			4.582		214		
	5.928		211			4.368		214		
	5.717		423			4.154		428		
5	17.785	5.928		1.471		13.104	4.368		1.443	
		38.420					22.624			

F.B. 1392 PG. 11

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR & WINDY Inst. No. 50010
Notes by G.E. DREIER Time 11:30 TO 12:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-32 To B.M. 21-30
Date 1-21-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.953	38.420	206	1.471		5.337	22.624	222	1.443	
	5.746		206			5.105		228		
	5.540		412			4.882		445		
6	17.239	5.746	3	1.883		15.314	5.105		1.888	
	5.157		113			5.881		108		
	5.044		112			5.773		106		
	4.932		225			5.667		214		
7	15.133	5.044		2.108		17.321	5.774		2.102	
		49.210					32.503			T.P.B.M. CITY OF MANHATTAN BEACH ELEV. 20.62 CITY MON. & INT 6TH ST & E.P.L OF STRAND
	5.831		19			4.730		18		
	5.812		17			4.712		18		
	5.795		36			4.694		36		
8	17.438	5.813		2.144		14.136	4.712		2.138	
										B.M. 21-31 (W.S. 3804 C-768) THE STRAND & 6TH ST. SEE F.B. 1391-33 FOR DESCRIPTION
		55.523					38.215			

F.B. 1392 PG. 12

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO Rod No. 586

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-32 To B.M. 21-30
Date 1-21-53
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
	4583	55.523	213	2.144		5470	38.215	214	2.138	
	4370		212			5256		214		
	4158		425	.70		5042		428		
9	13111	4.370		2.566		15768	5.256		2.566	
	5823		214			3837		214		
	5609		215			3623		215		
	5390		429	.9		3408		429		
10	16826	5.609		2.995		10868	3.623		2.995	
	7609		213			4728		215		
	7396		212			4513		213		
	7184		425	.4		4300		428		
11	22189	7.396		3.423		13541	4.514		3.423	
	6260		212			4745	51.608	213		
	6048		213			4532		213		
	5835		425	.9		4319		426		
12	18143	6.048		3.849		13596	4.532		3.549	
	5532		91			6489		93		
	5441		91			6396		91		
	5350		182	.1		6305		184		
13	16323	5.441		4.033		19190	6.397		4.033	
		83887					62537			

F.B. 1392 PG.

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER
Notes by G.E. DREIER
Weather CLEAR & WINDY Inst. No. 50010
Time 1:00 TO 1:40 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 2923
From B.M. 21-32 To B.M. 21-30
Date 1-21-53
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.058	83887	.086	4.036		10.852	62.537	.082	4.033	B.M. 21-30 (U.S. 1279 S-50
	2.972		.084			10.770		.080		THE STRAND & MANHATTAN BEACH BLVD.
	2.888		.170			10.690		.162		SEE F.B. 1391-32
14	8.918	2.973		4.206		32.312	10.771		4.195	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 21-32 TO B.M. 21-30
										TOTAL BACKSIGHTS +86.860
										TOTAL FORESIGHTS - 73.308
										DIFF IN ELEVATION +13.552
		86860					73.308			

F.B. 1392 PG. 14

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Windy Inst. No. 50010
Notes by E. Landa Time 2:35-to 3:30 Rod No. 55 6

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-32 To B.M. 21-34
Date 1-21-53
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9649		201		#5	5601		202		B.M. 21-32 (Torrance D-3)
	9448		200			5399		201		The Strand & 35th St.
	9248		401			5198		403		See F.B. 1391-34
1	28345	9448		401	73°	16198	5399		403	for description
	5571		215			5568		215		
	5362		213			5353		214		* G.E. Dreier
	5149		428			5139		429		
2	16088	5363		829		16060	5353		832	
	5672		215			5663		213		
	5457		215			5450		212		
	5242		430			5238		425		
3	16371	5457		1259		16351	5450		1257	
	5613		213			5610		214		
	5400		212			5396		212		
	5188		425			5184		426		
4	16201	5400		1684		16190	5397		1683	
	5586		216			5653		211		
	5370		213			5442		211		
	5157		429			5231		422		
5	16113	5371		2113		16326	5442		2105	
		31.039					27.041			

F.B. 1392 PG. 15

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Windy Inst. No. 50010
Notes by E. Landa Time 8:35 to 8:30 Rod No. 5-56

Name L. A. CO. PRECISE LEVEL NET
Job No. 2923
From B.M. 21-32 To B.M. 21-34
Date 1-21-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5695	31.039	213	2113		5306	27.041	215	2105	
	5482		212			5091		213		
	5270		425			4878		428		
6	16447	5.482		2538		15275	5.092		2533	
	5871		212			5630		215		
	5659		212			5415		215		
	5447		424			5200		430		
7	16977	5.659		2962		16245	5.415		2963	
	5776		214			5998		215		
	5562		212			5783		212		
	5350		426			5571		427		
8	16688	5.563		3388		17352	5.784		3390	
	9574		83			2057		88		
	9491		87			1969		90		
	9404		170			1879		178		
9	28469	9.490		3558		5905	1.968		3568	
	5880		94			4801		92		
	5786		93			4709		91		
	5693		187			4618		183		
10	17359	5.786		3745		14128	4.709		3751	
		63.019					50.009			

F.B. 1392 PG. 16

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Draier Weather Clear Inst. No. 50010
Notes by E. Landa Time 10:40 to 11:10 Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 1923
From B.M. 21-32 To B.M. 21-34
Date 1-22-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		63.019		3705			50.009	163	3751	B.M. 21-33 (U.S. 3805 Z-767)
								161		Hermosa Ave & 25th St
								324		See F.B. 1391-35
11										for description
	5085		160			6067		163		
	4935		158			5904		161		Ended day 1-21-53
	4767		318			5743		324		3:30 P.M.
11	14777	4.925		4063		17714	5.905		4075	
	5075		114			6510		115		
	4961		113			6395		115		Started 1-22-53 10:40 am
	4848		227			6280		230		
12	4884	4.961		4290		19185	6.395		4305	
	5098		210			6616		214		
	4888		210			6402		211		
	4678		420			6191		425		
13	14664	4.888		4710		19209	6.403		4730	
	4711		214			6201		212		
	4497		214			5989		211		
	4283		428			5778		423		
14	13491	4.497		5138		17968	5.989		5153	
		82.291					74.701			

F.B. 1392 PG. 17

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 10:40 to 11:10 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-32 To B.M. 21-34
Date 1-22-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5190	82.291	213	5138		6013	74.701	216	5153	
	4977		211			5797		212		
	4765		424 5			5585		428		
15	14932	4.977		5563		17395	5.798		5581	
	5216		212			7082		206		Summation of Run
	4998		216			6876		206		B.M. 21-32 to B.M. 21-34
	4782		428 434			6670		412		
16	14996	4.999		5990 7		20628	6.876		5993	
	5349		238			6537		236		Total Backsights = + 101.792
	5111		237			6301		232		Total Foresights = - 99.109
	4874		475			6069		468		diff. in Elev. = + 2.683
17	15334	5.111		6465 72		18907	6.302		6461	
	4629		216			5645		213		B.M. 21-34 Torrance D-4
	4413		272			5432		212		the Strand & 19th St.
	4201		428			5220		425		See F.B. 1391-36
18	13243	4.414		6893 900	69°	16297	5.432		6886	for description
		101.792					99.109			

F.B. 1392 PG. 18

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 9:00 to 11:00 Rod No. 56'C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-34 To B.M. 21-32
Date 1-23-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5605		212		#5	4593		215		B.M. 21-33 (Torrance D-4
	5393		211			4378		215		The Strand & 190th St.
	5182		423			4163		430		See F.B. 1391-56
1	16180	5.393		423	68°	13134	4.378		430	for description
	6557		235			5370		239		
	6322		232			5131		236		⊼ G.E. Dreier
	6090		467			4895		475		
2	18969	6.323		890		15396	5.132		905	
	7067		210			5193		214		
	6857		211			4979		214		
	6646		421			4765		428		
3	20570	6.857		1311		14937	4.979		1333	
	6062		212			5232		208		
	5843		215			5024		207		
	5628		434			4817		415		
4	17533	5.844		1745		15073	5.024		1748	
	6197		214			4707		214		
	5983		212			4493		211		
	5771		426			4282		425		
5	17951	5.984		2171		13482	4.494		2173	
		30.401					24.007			

F.B. 1372 PG. 12

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: G. E. Drier Weather: Clear Inst. No.: 50010
Notes by: E. Landa Time: 9:40 to 11:00 Rod No.: 556

Name: **L. A. CO. PRECISE LEVEL NET**
Job No.: 4923
From: B.M. 21-32 To: B.M. 21-32
Date: 1-23-53
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6610	30.201	214	2174		5691	22.007	211	2173	
	6396		214			4880		210		
	6182		428			4670		421		
6	19188	6.396		2599		14641	4.880		2594	
	6579		114			5122		114		
	6465		114			5030		113		
	6351		228			4917		227		
7	19395	6.465		2827		15091	5.030		2821	
	6078	43.262	161			5097	4.917	160		
	5917		161			4937		159		
	5756		322			4778		319		
8	17751	5.917		3149		14812	4.937		3140	
		49.179					39.854			B.M. 21-33 (U.S. 3805 2-767) Hermosa Ave. & 25 See F.B. 1391-35 for description
	4819		93			5897		95		
	4726		93			5802		91		
	4633		186			5710		186		
9	14178	4.726		3335		17409	5.803		3306	
		53.905					44.657			

F.B. 1372 PG. 20

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Proctor Weather Clear Inst. No. 50010
Notes by E. Landa Time 9:40 to 11:00 Rod No. 5 & 6

L. A. CO. PRECISE LEVEL NET
Name
Job No. 4923
From B.M. 21-34 To B.M. 21-32
Date 1-23-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2015	53.905	89	3335		9533	4.657	84	3346	
	1926		89			9449		85		
	1837		178			9364		169		
10	5778	1.926		3513		28346	9.449		3515	
	5837		216			5618		216		
	5623		212			5402		212		
	5411		428			5190		428		
11	16873	5.624		3941		16210	5.403		3943	
	5065		214			5689		213		
	5231		214			5476		213		
	5017		428			5263		426		
12	15693	5.231		4369		16428	5.476		4369	
	5318		215			5712		215		
	5103		213			5497		214		
	4890		428			5283		429		
13	15311	5.104		4797		16492	5.497		4798	
	5642		211			5576		216		
	5431		211			5360		215		
	5220		422			5145		431		
14	16293	5.431		5219		16081	5.360		5229	
		77.221					75.842			

F.B. 372 PG. 21

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 9:40 to 11:00 Rod No. 5'6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-34 To B.M. 21-32
Date 1-23-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5593	7722	213	5219		5598	7534	214	5229	
	5381		210			5384		213		
	5171		423			5171		427		
15	16145	5382		5642		16153	5384		5656	
	5588		215			5597		215		
	5373		213			5382		212		Summation of Run
	5160		427			5170		427		B.M. 21-34 to B.M. 21-32
16	16121	5374		6069		16149	5383		6083	
	5572		217			5572		210		Total Backsights = + 98.684
	5355		218			5362		210		Total Foresights = − 101.374
	5137		435			5152		420		diff. in Elev. = − 2.690
17	16064	5355		6504		16086	5362		6503	
	5555		204			9605		203		B.M. 21-32 Torrance D-3
	5351		201			9402		200		The Strand & 35th St.
	5150		405			9202		403		See F.B. 1541-34
18	16056	5352		6909	78°	28209	9403		6906	for description
		98.684					101.374			

F.B. 1542 PG. 22

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 11:30 TO 12:00 Rod No. 55

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-34 To B.M. 21-37
Date 1-22-53
Indexed L. C. [illegible]

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.252		214		#5	5.673		212		B.M. 21-34 (TORRANCE D-4)
	6.038		213			5.461		212		THE STRAND & 19TH ST.
	5.825		427 ✓			5.249		424 ✓		SEE FB 139-36 FOR DESCRIPTION
1	18.115	6.038 ✓		427 ✓	70°	16.383	5.461 ✓		424 ✓	
	5.399		214			5.378		216		T. E. LANDA
	5.185		214			5.162		212		
	4.971		428 ✓			4.950		428 ✓		
2	15.555	5.185 ✓		855 ✓		15.490	5.163 ✓		852 ✓	
	5.327		214			5.362		213		
	5.113		213			5.148		215		
	4.900		427 ✓			4.934		428 ✓		
3	15.340	5.113 ✓		1.282 ✓		15.445	5.148 ✓		1.280 ✓	
	5.484		214			5.560		212		
	5.270		210			5.348		214		
	5.060		424 ✓			5.134		426 ✓		
4	15.814	5.271 ✓		1.706 ✓		16.042	5.347 ✓		1.706 ✓	
	5.069		247			5.636		243		
	4.822		245			5.393		243		
	4.582		487 ✓			5.150		486 ✓		
5	14.478	4.826 ✓		2.193 ✓	68°	16.179	5.393 ✓		2.192 ✓	
		26.433 ✓					26.512 ✓			

F.B. 139-36 PG. 23

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4975
From B.M. 21-34 To B.M. 21-36
Date 1-22-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.695	26.433	214	2.193		5.004	26.512	215	2.192	
	5.480		212			4.789		212		
	5.268		426			4.577		427		
6	16.442	5.481		2.619	68°	14.370	4.790		2.619	
	5.340		160			5.419		161		
	5.230		160			5.258		161		
	5.070		320			5.097		322		
7	15.690	5.230		2.939		15.774	5.258		2.941	
	5.077		094			3.284		090		
	4.983		094			3.194		089		
	4.889		188			3.105		179		
8	14.949	4.983		3.127		9.583	3.194		3.120	
		42.127					39.754			B.M. 21-35 (U.S. 1280 T-50) HERMOSA AVE & 13th ST. SEE F.B. 1391-37
	2.894		114			5.139		109		
	2.780		110			5.030		109		
	2.670		224			4.921		218		
9	8.344	2.781		3.335		15.090	5.030		3.338	
		44.908					44.784			

F.B. 1392 PG. 24

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-34 To B.M. 21-37
Date 1-22-53
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.049	4.908	221	3.351		5.253	4.784	221	3.338	
	4.828		218			5.032		219		
	4.610		439			4.813		440		
10	14.487	4.829		3.790		15.098	5.033		3.778	
	6.474		213			4.909		216		
	6.261		209			4.693		213		
	6.052		422			4.480		429		
11	18.787	6.262		4.212		14.082	4.694		4.207	
	5.530		211			5.761		211		
	5.319		212			5.550		210		
	5.107		423			5.340		421		
12	15.956	5.319		4.635		16.651	5.550		4.628	
	5.290		211			5.582		212		
	5.079		211			5.370		210		
	4.868		422			5.160		422		
13	15.237	5.079		5.057		16.112	5.371		5.050	
	5.307		214			5.580		215		
	5.093		213			5.365		212		
	4.880		427			5.153		427		
14	15.280	5.093		5.484		16.098	5.366		5.477	
		71.490					70.798			

F.B. 1391 PG. 25

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:40 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-34 To B.M. 21-37
Date 1-22-53
Indexed **A. C. Johnson**

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5240	71.490	212	5484		5.572	70.798	213	5477	
	5028		209			5.359		212		
	4.819		421			5.147		425		
15	15.087	5.029		5905		16.078	5.359		5902	SUMMATION OF RUN B.M. 21-34 TO B.M. 21-37
	4.409		190			4495		190		TOTAL BACKSIGHTS +91.103
	4219		191			4305		188		TOTAL FORESIGHTS -90.957
	4.028		381			4117		378		DIFF IN ELEVATION + 0.146
16	12.656	4219		6.286		12.917	4.306		6.280	
		80.738					80.463			B.M. 21-36 (U.S. 3806 Y-767) BEACH DR. & 6th ST. SEE F.B. 1391-38 FOR DESCRIPTION
	5.193		069			4624		71		
	5124		069			4.553		69		
	5.055		138			4484		140		
17	15.372	5124		6424		13.661	4.554		6.420	
	5.434		194			6131		192		B.M. 21-37 (TORRANCE E-6B) THE STRAND & 5th ST. SEE F.B. 1391-39 FOR DESCRIPTION
	5.240		191			5.939		189		
	5.049		385			5.750		381		
18	15.723	5.241		6.809	67°	17.820	5.940		6.801	
		91.103					90.957			

F.B. 1392 PG. 26

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:40 TO 3:40 Rod No. 5 8 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-37 To B.M. 21-34
Date 1-22-53
Indexed A. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.174		193		#5	5.477		194		B.M. 21-37 TORRANCE E-6E
	5.981		190			5.283		193		THE STRAND & 5TH ST.
	5.791		383			5.090		387		SEE F.B. 1391-39
1	17.946	5.982		383	67°	15.850	5.283		387	FOR DESCRIPTION
	4.634		069			5.203		068		
	4.565		067			5.135		068		T ELANDA
	4.496		136	21		5.067		136		
2	13.695	4.565	8	5~~19~~		15.405	5.135		523	
		10.547					10.418			B.M. 21-36 (U.S. 3856 Y 767)
										BEACH DR & 6TH ST
										SEE F.B. 1391-38
										FOR DESCRIPTION
	4.545		192			4.459		190		
	4.353		188			4.269		189		
	4.165		380	901		4.080		379		
3	13.063	4.354		8~~99~~		12.808	4.269		902	
	4.912		210			4.588		216		
	4.702		210			4.372		213		
	4.492		420	21		4.159		429		
4	14.106	4.702		13~~19~~		13.119	4.373		1331	
		19.603					19.060			

F.B. 1392 PG. 27

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:40 TO 3:45 Rod No. 5 #6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 402
From B.M. 21-37 To B.M. 21-34
Date 1-22-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.621	19.603	212	1349 21		5.349	19.060	216	1331	
	5.409		211			5.132		213		
	5.198		423	4		4.920		429		
5	16.228	5.409		1742		15.402	5.134		1760	
	5.566		214			5.271		211		
	5.352		212			5.060		211		
	5.140		426	70		4.849		422		
6	16.058	5.353		2148		15.180	5.060		2182	
	5.799		210			5.569		212		
	5.589		211			5.357		214		
	5.378		421	91		5.143		426		
7	16.766	5.589		2589		16.069	5.356		2608	
	4.879		217			6.440		210		
	4.662		214			6.230		209		
	4.448		431	2		6.021		419		
8	13.989	4.663		3028		18.691	6.230		3027	
	5.275	4.061	220			5.073	4.0[illegible]	221		
	5.058		219			4.852		220		
	4.839		439	61		4.632		441		
9	15.175	5.058		3459		14.557	4.852		3468	
		45.675					45.232			

F.B. 1392 PG. 28

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 8:40 TO 9:20 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-37 To B.M. 21-34
Date 1-23-53
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.111	45.675	111	3.459 61		2.863	45.692	111	2.448	
	5.000		109			2.752		111		
	4.891		220			2.641		222		
10	15.002	5.001		3.679 81		8.256	2.752		3.690	STOPPED 2:40 P.M. 1-22-53
		50.676					48.444			B.M. 21-35 (U.S. 12.80 T-50) HERMOSA AVE. & 13th ST SEE F.B. 1392-37 FOR DESCRIPTION
	3.217		090			5.008		093		
	3.127		089			4.915		093		
	3.038		179			4.822		186		
11	9.382	3.127		3.876 60		14.745	4.915		3.876	
	5.430		160			5.402		159		
	5.270		160			5.243		159		
	5.110		320			5.084		318		
12	15.810	5.270		4.198 80		15.729	5.243		4.194	
	4.998		215			5.683		213		
	4.783		212			5.470		211		
	4.571		427			5.259		424		
13	14.352	4.784		4.618 07		16.412	5.471		4.618	
		63.857					64.073			

F.B. 1392 PG. 29

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 8:40 TO 9:30 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-37 To B.M. 21-34
Date 1-23-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5621	63857	243	46~~25~~ 07		5055	64[illegible]	245	4618	
	5,378		239			4810		242		
	5,139		482			4,568		487		
14	16,138	5,379		5~~107~~ 089		14,433	4,811		5,105	
	5,549		215			5,470		213		
	5335		215			5257		212		
	5,120		4~~30~~ 29			5045		425		
15	16,004	5,335		5,5~~37~~ 18		15,772	5,257		5,530	SUMMATION OF RUN
	5348		215			5,316		216		B.M. 21-37 TO B.M. 21-34
	5,132		213			5100		212		
	4,919		428			4888		428		TOTAL BACKSIGHTS +90,087
16	15399	5,133		959~~65~~ 47		15,304	5,101		5,958	TOTAL FORESIGHTS -90,233
	5,340		213			5,367		214		DIFF IN ELEVATION -0,146
	5,127		214			5,153		213		
	4913		427			4940		427		
17	15380	5,127		63~~92~~ 74		15,460	5,155		6,385	
	5,469		213			6,053		215		B.M. 21-34 (TORRANCE D-4)
	5,256		213			5,838		215		THE STRAND & 19TH ST
	5,043		426			5,623		430		SEE F.B. 1391-36
18	15,768	5,256		68~~12~~ 00	68°	17,514	5,838		6,815	FOR DESCRIPTION
		90,087					90,233			

F.B. 1392 PG. 30

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 11:30 TO 12:00 Rod No. 586

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-37 To B.M. 21-40
Date 1-23-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.212		134		#5	5.390		147		B.M. 21-37 (TORRANCE E-63)
	6.078		137			5.253		145		THE STRAND & 5th ST.
	5.941		271			5.118		292	7	SEE F.B. 1391-39
1	15.231	6.077		271	83°	15.761	5.254		292	FOR DESCRIPTION
	5.430		134			5.320		133		
	5.296		136			5.187		137		T E LANDA
	5.160		270			5.050		270	4	
2	15.886	5.295		541		15.557	5.186		562	
	5.417		216			5.429		216		
	5.201		213			5.213		212		
	4.988		429			5.001		428	7	
3	15.606	5.202		970		15.643	5.214		990	
	5.496		215			5.298		214		
	5.281		212			5.084		212		
	5.069		427			4.872		426	39	
4	15.846	5.282		1397		15.254	5.085		1416	
	5.548		216			5.398		215		
	5.332		212			5.183		211		
	5.120		428			4.972		426	2	
5	16.000	5.333		1825		15.553	5.184		1842	STOPPED 12:00 TO 1:00 1-23-53
		27.189					25.923			

F.B. 1392 PG. 51

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO 2:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-37 To B.M. 21-40
Date 1-23-53
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.441	27.189	213	1825		6.203	28.923	213	1,842	
	5.228		213			5.990		212	2	
	5.015		426			5.778		425	4	
6	15.684	5.228		2,251	90°	17.971	5.990		2267	
		32.417					31.913			B.M. 21-38 (TORRANCE E-6A) THE STRAND & LYDON ST. SEE F.B. 1391-40 FOR DESCRIPTION
	4.686		097			7.232		093		
	4.589		097			7.139		091		
	4.492		194			7.048		184		
7	13.767	4.589		2.445		21.419	7.140		2,451 3	
		37.006					39.053			~~(U.S. 3807)~~ B.M. 21-39 (TORRANCE E-6) HERMOSA AVE & LYDON ST SEE F.B. 1391-40 FOR DESCRIPTION
F.B. 1392 PG. 32	6.233		196			5.212		197		
	6.037		199			5.015		195		
	5.838		395			4.820		392		
8	18.108	6.036		2843		15.047	5.016		2843 2	
		43.042					44.069			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO 2:30 Rod No. 5 F 6

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-37 To B.M. 21-40
Date 1-23-53
Indexed L. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.996	3.042	214	2.840		5.120	4.663	212	2.843	
	3.782		212			4.908		215		
	3.570		426			4.693		427		
9	11.348	3.783		3.266		14.721	4.907		3.220	
	5.240		212			5.574		214		
	5.028		212			5.360		211		
	4.816		424			5.149		425		
10	15.084	5.028		3.690		16.083	5.361		3.675	SUMMATION OF RUN
	5.381		211			5.672		214		B.M. 21-37 TO B.M. 21-40
	5.170		210			5.458		215		
	4.960		421			5.243		429		TOTAL BACKSIGHTS + 67.160
11	15.511	5.170		4.111		16.373	5.458		4.124	TOTAL FORESIGHTS − 71.573
	5.273		215			5.675		214		DIFF IN ELEVATION − 4.413
	5.058		213			5.461		214		
	4.805		428			5.247		428		
12	15.176	5.059		4.539		16.383	5.461		4.552	
	5.290		213			6.527		211		B.M. 21-40 (FORMERLY E-7A)
	5.077		209			6.316		209		HERMOSA AVE & 6th ST
	4.868		422			6.107		420		SEE F.B. 1391-41
13	15.235	5.078		4.961	56	18.950	6.317		4.922	FOR DESCRIPTION
	67.160					71.573				

F.B. 1392 PG. 33

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1392 PG. 34										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO 3:00 Rod No. 58

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-40 To B.M. 21-37
Date 1-26-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6700		213			5,460		211		B.M. 21-40 (TORRANCE E-7A)
	6,487		213			5,249		211		HERMOSA AVE & 6th ST
	6274		426			5038		422		SEE F.B. 1391-41
1	19,461	6,487		426	65°	15,747	5,249		422	FOR DESCRIPTION
	5,609		212			5,207		216		
	5,394		212			4,991		213		π E. LANDA
	5,182		427			4,778		429		
2	16,185	5,395		853		14,976	4,992		851	
	5,693		214			5,412		212		
	5,485		212			5,200		213		
	5,273		426			4,987		425		
3	16,457	5,486		1,279		15,599	5,200		1,276	
	5,218		212			5,382		211		
	5,506		213			5,171		211		
	5,293		425			4,960		422		
4	16,517	5,506		1,704		15,513	5,171		1,698	
	5,174	[illegible]	215			4,009	[illegible]	211		
	4,919		212			3,798		210		
	4,707		427			3,588		421		
5	14,760	4,920		2,131		11,395	3,798		2,119	
		27,794					24,410			

F.B. PG.

F.B. 1391 PG. 35

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather [illegible] Inst. No. 50010
Notes by G. E. DREIER Time 2:00 to 3[illegible] Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-40 To B.M. 21-37
Date 1-26-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.157	[illegible]	199	2131		6.176	[illegible]	198	2119	
	4.958		198			5.978		195		
	4.760		397			5.783		393		
6	14.875	4.958		2528		17.937	[illegible]		2512	
		32.752					[illegible]			B.M. 21-39 (U.S. 3867) (TORRANCE E-6) HERMOSA AVE & LYDON ST. SEE F.B. 1391-40 FOR DESCRIPTION
	7.286		090			4.743		096		
	7.196		091			4.647		097		
	7.105		18			4.550		193		
7	21.587	7.196		2709		13.940	4.647		2705	
		39.948					[illegible]			B.M. 21-38 (TORRANCE E-6A) THE STRAND & LYDON ST SEE F.B. 1391-40 FOR DESCRIPTION
	6.260		216			[illegible]		215		
	6.044		214			5.285		212		
	5.830		430			[illegible]		427		
8	18.134	6.045		3,139		15.858	[illegible]		3,132	
		45.993					[illegible]			

F.B. 1392 PG. 36

F.B. ..... PG. .....

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. [illegible] Weather CLEAR Inst. No. 50010
Notes by G. E. [illegible] Time 2:00 TO 3:00 Rod No. 596

Name **L. A. CO. PRECISE LEVEL NET**
Job No. [illegible]
From B.M. 21-40 To B.M. 21-37
Date 1-26-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.451	45.993	213	3.139		5.628	40.322	214	3.132	
	5.268		215			5.414		212		
	5.053		428			5.202		426		
9	15.802	5.267		3.567		16.244	5.415		3.558	
	5.387		215			5.584		214		
	5.172		212			5.370		212		
	4.960		427			5.158		426		
10	15.519	5.173		3.994		16.112	5.371		3.984	SUMMATION OF RUN
	5.514		215			5.499		215		B.M. 21-40 TO B.M. 21-37
	5.299		211			5.284		214		TOTAL BACKSIGHTS + 72.163
	5.088		426			5.070		429		TOTAL FORESIGHTS − 67.755
11	15.901	5.300		4.420		15.853	5.284		4.413	DIFF IN ELEVATION + 4.408
	5.352		135			5.463		135		
	5.217		135			5.328		138		
	5.082		270			5.190		273		
12	15.651	5.217		4.690		15.981	5.327		4.686	
	5.349	[illegible]	137			6.171	6.171	135		B.M. 21-37 TORRANCE E-6R
	5.212		134			6.036		135		THE STRAND & 5th ST
	5.078		271			5.901		270		SEE F.B. 1392-[illegible]
13	15.639	5.213		4.961	63°	18.108	6.036		4.956	FOR DESCRIPTION
		72.163					67.755			

F.B. 1392 PG. 87

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

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

F.B. 1392 PG. 38

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 2:30 to 3:30 Rod No. 5 E'6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-40 To B.M. 21-41
Date 1-23-59
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6843		144			5031		144		B.M. 21-40 (Torrance E-74)
	6699		146			4867		145		Hermosa Ave & 6th St.
	6553		290			4742		289		See F.B. 1391-41
1	20095	6.698		290	86°	14660	4.887		289	for description
	6102		139			4850		141		
	5963		138			4709		140		TT G.E. Dreier
	5825		277			4569		281		
2	17890	5.963		567		14128	4.709		570	
	6393		220			4880		214		
	6173		216			4670		218		
	5957		436			4452		432		
3	18523	6.174		1003		14006	4.669		1002	
	5875		217			4411		209		
	5658		217			4202		206		
	5441		434			3996		415		
4	16974	5.658		1437		12609	4.203		1417	
	5999		208			4437		217		
	5791		208			4220		217		
	5583		416			4003		434		
5	17253	5.751		1853		12810	4.270		1851	
		30.244					22.738			

F.B. 1392 PG. 39

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 2:30 to 3:50 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-40 To B.M. 21-44
Date 1-23-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5818	30.244	213	1853		6603	22.738	211	1851	
	5605		212			6392		210		Ended day 1-23-53 (3:30pm)
	5393		425			6182		421		
6	16816	5.605		2278	71°	19177	6.392		2272	
		35.849					29.130			(U.S. 3807) B.M. 21-41 (Torrance E-7) Hermosa Ave. & 3rd pl. & 3rd St. See F.B. 1391-42 for description
	7910		243			5085		247		
	7667		243			4838		246		Began day 1-26-53 (10:50 a.m.)
	7424		486			4592		493		
7	23001	7.667		2764	60°	14518	4.838		2765	
	6556		248			7119		246		B.M. 21-42 (Tor. F-7 U.S. 3810) Hermosa Ave. & Pacific Ave See F.B. 1391-43 for description
	6308		247			6873		243		
	6061		495			6630		489		
8	18925	6.308		3259		20622	6.374		3254	
		49.824					40.842			
9										

F.B. 1392 PG. 40

5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: G.E. Dreier Weather: Overcast Inst. No.: 50010
Notes by: E. Landa Time: 10:50 to 11:30 Rod No.: 5 & 6

Name: **L.A. CO. PRECISE LEVEL NET**
Job No.: 4923
From: B.M. 21-40 To: B.M. 21-03
Date: 1-26-53
Indexed: L. C. [illegible]

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5462	4.824	137	3259		5400	4.902	149	3264	
	5325		137			5251		149		
	5188		274			5102		298		
9	15975	5.325		3533		15753	5.251		3552	
	5786		200			4899		174		
	5580		202			4725		174		
	5378		400			4551		348		
10	16742	5.581		3939		14175	4.725		3900	
	4357		100			3847		109		
	4243		102			3738		108		
	4139		208			3630		217		
11	12729	4.243		4147		11215	3.738		4117	
	2738		108			3130		105		
	2630		108			3027		103		
	2522		216			2924		206		
12	7890	2.630		4363		9081	3.027		4323	
		67.603					57.583			B.M. 21-03 (U.S. 2730 TIDAL) Pacific Ave. & Emerald St. See F.B. 1391-42

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: G. E. Dreier Weather: Overcast Inst. No. 50010
Notes by: E. Landry Time: 10:00 to 11:30 Rod No. 5-66

Name: **L. A. CO. PRECISE LEVEL NET**
Job No. 2923
From: B.M. 21-40 To: B.M. 21-42
Date: 1-26-55
Indexed: L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2632	67.603	57	4363		2799	57.583	72	4323	B.M. 21-40 (U.S. 2781 T104L2)
	2575		57			2727		70		Pacific Ave. & Emerald St.
	2518		114			2657		142		See F.B. 1391-40
13	7725	2.575		4077		8183	2.729		4465	for description
										Summation of Run B.M. 21-40 to B.M. 21-42
										Total Backsights = + 70.178 ✓
										Total Foresights = − 60.311 ✓
										Diff. in Elev. = + 9.867 ✓
		70.178					60.311			

F.B. 1392 PG. 42

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Overcast Inst. No. 500.10
Notes by E. Landa Time 11:30 to 2:00 Rod No. 5E6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-44 To B.M. 21-40
Date 1-26-53
Indexed **I. C. Johnson**

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	2847 2782 2718	2.782	65 64 129	129	58°	2692 2628 2563	2.628	64 65 129	129	B.M. 21-44 (U.S. 2781 TIDAL 2) Pacific Ave. & Emerald St. See F.B. 1391-C for description
										B.M. 21-43 (U.S. 2780 TIDAL) Pacific Ave. & Emerald St See F.B. 1391-C for description
2	3037 2931 2829	2.932	106 102 208	337		2648 2540 2431	2.540	108 109 217	346	G. E. Dreier
3	3917 3811 3704	3.811	106 107 213	550		4422 4317 4210	4.316	105 107 212	558	
4	4785 4602 4422	4.603	183 180 363	913		5650 5458 5268	5.459	192 190 382	940	
		14.128					14.943			

F.B. 1392 PG. 113

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather partly cloudy Inst. No. 50010
Notes by E. Lando Time 11:30 to 2:00 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-42 To B.M. 21-40
Date 1-26-53
Indexed **A. C. Johnson**

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5400	14.128	154	913		5450	13.903	136	920	
	5246		153			5320		136		
	5093		307			5184		272		
5	15739	5.246		1220		15960	5.320		1212	
		19.374					20.263			B.M. 21-42 (Tor. E-7 (1.S 3810) Hermosa Ave & Pacific Ave. See F.B. 1391-43 for description
	7108		246			6537		245		
	6862		248			6292		244		
	6614		494			6048		239		
6	20584	6.861		1714		18877	6.292		1701	
	5054		246			7877		240		
	4808		246			7633		240		
	4562		492			7393		484		
7	14424	4.808		2206		27903	7.634		2185	
		31.043					34.189			B.M. 21-41 (Tor. E-7 (1.S 3807) Hermosa Ave. & 3rd pl. & 3rd ave. See F.B. 1391-42 for description

F.B. 1392 PG. 44

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Part Cloudy Inst. No. 50010
Notes by E. Landa Time 1:30 to 2:00 Rod No. 5 ft

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-44 To B.M. 21-40
Date 1-26-53
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6635	3.043	207	220		5858	3.189	218	21.85	
	6428		205			5640		215		
	6223		412			5425		433		
8	19286	6.429		2618		16923	5.641		2618	
	4511		211			5997		213		
	4300		211			5784		212		
	4089		422			5572		425		
9	12900	4.300		3040		17353	5.784		3043	
	4369		214			5824		213		
	4155		212			5611		213		
	3943		426			5398		426		
10	12467	4.156		3466		16833	5.611		3469	
	4196		209			5705		214		
	3987		210			5491		213		
	3777		419			5278		427		
11	11960	3.987		3885		16474	5.491		3896	
	4623		140			5881		140		
	4483		138			5741		138		
	4345		278			5603		278		
12	13451	4.484		4163		17225	5.742		4174	
		54.399					62.458			

F.B. 1372 PG. 45

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Prater Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:30 to [illegible] Rod No. 5[illegible]6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-44 To B.M. 21-40
Date 1-26-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5022	54.399	150	4163		6822	62.458	139	4174	B.M. 21-40 (Tan. H-7A)
	4872		152			6683		138		Hermosa Ave. & 6th St.
	4720		302			6545		277		See F.B. 1891-41
13	14614	4.871		4465		20050	6.683		4451	for description
										Summation of Run B.M. 21-44 to B.M. 21-40
										Total Backsights = 59.270
										Total Foresights = 69.141
										diff in Elev. = -9.871
		59.270					69.141			

F.B. 1392 PG. 46

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Cloudy Inst. No. 50010
Notes by F. Landa Time 9:20 to 10:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-44 To B.M. 21-47
Date 1-27-53
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3983		43			1811		44		B.M. 21-44 (U.S. 2781 T.B.M. 2)
	3940		43			1767		45		Pacific Ave & Ethel St.
	3897		86			1722		89		See F.B. 1391-44
1	11820	3.940		56	52°	5300	1.767		89	for description
	7812		135			2363		101		
	7677		135			2262		100		N G.E. Dreier
	7542		270			2162		201		
2	23031	7.677		356		6787	2.262		290	
	10121		55			0535		56		
	10067		55			0479		56		
	10012		110			0423		112		
3	30201	10.067		426		1437	0.479		302	
	9391		46			0958		53		
	9345		46			0905		53		
	9299		92			0853		105		
4	28035	9.345		558		2716	0.905		307	
										B.M. 21-25 (U.S. 2703 P.O. 268 A 1925) Rear Beach City Hall See F.B. 1391-45

31.029 5.413

F.B. 1392 PG. 42

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Drover Weather Cloudy Inst. No. 50010
Notes by F. Landa Time 9:20 To 12:50 Rod No. 556

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-44 To B.M. 21-47
Date 1-21-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1498	51.329	45	558		9941	5.313	54	507	
	1448		45			9887		53		
	1403		90			9834		107		
5	4344	1.448		648		29662	9.887		614	
	9707		50			10338		58		
	9693		51			10280		58		
	9642		105			10222		116		
6	29042	0.694		755		30840	10.280		732	
	2375		102			3819		101		
	2273		101			3718		101		
	2172		203			3617		202		
7	6820	2.273		956		11154	3.718		909	
	7932		145			1228		146		
	7787		145			1082		146		
	7642		290			0936		292		
8	23361	7.787		1246		3246	1.082		1224	
	11028		145			0759		147		
	10883		145			0612		145		
	10738		290			0467		292		
9	32649	10.884		1532		1838	0.613		1516	
		54.115					50.975			

F.B. 1392 PG. 48

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Preier Weather Clear Inst. No. 50010
Notes by E. Landa Time 9:20 to 10:30 Rod No. 556

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-44 To B.M. 21-47
Date 1-27-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9339	54.115	211	1534		3535	30.993	214	1516	
	9148		209			3321		212		
	8939		420			3109		426		
10	27446	9.149		1954		9965	3.322		1942	
		63.264					34.315			B.M. 21-46 (Cl. 50) Pacific Ave. & Coral wy See F.B. 1391-46 for description
	2408		58			9933		60		
	2350		58			9873		59		
	2292		116			9814		119		
11	7050	2.350		2070		29620	9.873		2061	
	1105		53			8601		51		
	1052		51			8550		49		
	1001		104			8501		100		
12	3158	1.053		2174		25652	8.551		2161	
	2505		52			8428		49		
	2453		50			8379		48		
	2403		102			8331		97		
13	7361	2.454		2276		25138	8.379		2258	
		69.121					61.118			

F.B. 1392 PG. 49

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 9:20 to 10:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-44 To B.M. 21-47
Date 1-27-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1645	69.121	48	2276		4592	61.48	52	2258	
	1597		49			4540		50		
	1548		97			4490		102		
14	4790	1.597		2373		13622	4.541		2360	
	3682		66			10766		58		B.M. 21-47
	3616		67			10708		57		EL PASEO & CORAL WAY
	3549		133			10651		115		See F.B. 1391-47
15	10847	3.616		2506	62°	32125	10.708		2475	for description
										Summation of Run B.M. 21-44 to B.M. 21-47
										Total Backsights = + 74.334
										Total Foresights = - 76.367
										Diff. in Elev. = - 2.033
		74.334					76.367			

F.B. 1392 PG. 50

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: G. E. Dreier Weather: Clear Inst. No.: 50010
Notes by: E. Lunda Time: 10:30 to 11:30 Rod No.: 5786

Name: **L. A. CO. PRECISE LEVEL NET**
Job No.: 4923
From: B.M. 21-47 To: B.M. 21-44
Date: 1-27-53
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11681		62		#6	4393		66		B.M. 21-47
	11619		60			4327		66		El Paseo & Coral Way
	11359		122			4261		132		See F.B. 1391-47
1	34259	11.420		122	62°	12981	4.327		132	for description
	9213		165			0481		107		
	9248		164			0380		107		✱ G. E. Dreier
	9084		329			0273		214		
2	27745	9.248		451		1141	0.380		366	
	7982		39			0510		63		
	7943		39			0447		64		
	7904		78			0383		127		
5	23829	7.943		529		1340	0.447		473	
	9708		58			2383		58		
	9650		58			2325		58		
	9592		116			2267		116		
6	29550	9.850		645		6975	2.325		539	
										B.M. 21-46 (1.50
										Pacific Ave. & Coral Way
										See F.B. 1391-46
										for description
		38.261					7.479			

F.B. 1392 PG. 57

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 10:30 to 1:30 Rod No. 5&6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-47 To B.M. 21-44
Date 1-27-53
Indexed **A. C. Johnson**

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3590	38.461	210	645		9424	7.479	214	589	
	3380		207			9210		213		
	3173		417			8997		427		
5	10143	3.381		1062		27631	9.210		1016	
	0932		139			11216		150		
	0793		137			11066		151		
	0656		276			10915		301		
6	2381	0.794		1338		33197	11.066		1317	
	1151		145			7858		147		
	1006		145			7711		147		
	0861		290			7564		294		
7	3018	1.006		1628		23133	7.711		1611	
	3774		101			2331		102		
	3673		101			2229		102		
	3572		202			2127		204		
8	11019	3.673		1830		6687	2.229		1815	
	10225		57			0635		54		
	10168		58			0581		53		
	10110		115			0528		107		
9	30503	10.168		1945		1744	0.581		1922	
		57.483					38.276			

F.B. 1392 PG. 52

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 10:30 to 11:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-47 To B.M. 21-44
Date 1-27-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9342	57.483	47	1945		0907	38.276	51	1922	
	9295		45			0856		53		
	9250		92			0803		104		
10	27887	9.296		2037		2566	0.855		2026	
		66.779					39.131			B.M. 21-45 (U.S. 103) Redondo Beach City Hall See F.B. 1391-45 For description
	1290		46			9734		50		
	1244		47			9684		51		
	1197		93			9633		101		
11	3731	1.244		2130		29051	9.684		2127	
	0679		53			10270		58		
	0626		54			10212		56		
	0572		107			10156		114		
12	1877	0.626		2237		30638	10.213		2241	
	2183		113			7599		116		
	2070		114			7483		116		
	1956		227			7367		232		
13	6209	2.070		2464		22449	7.483		2473	
		70.719					66.511			

F.B. 1392 PG. 53

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party F.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 10:30 to 11:30 Rod No. 556

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-47 To B.M. 21-44
Date 1-27-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1753	70.719	44	2464		3903	69.511	42	2673	B.M. 21-44 (U.S. 2781 Tablet)
	1709		44			3861		42		Pacific Ave. & Emerald St.
	1665		88			3939		80		See F.B. 1391-44
14	5127	1.709		2552	69°	11643	3.881		2557	for description
										Summation of Run
										B.M. 21-47 to B.M. 21-44
										Total Backsights = + 72.428
										Total Foresights = − 70.392
										Diff. in Elev. = + 2.036
		72.428					70.392			

F.B. 1392 PG. 54

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No. 50010
Notes by G. E. DREIER Time 1:20 TO 2:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-47 To B.M. 21-47
Date 1-27-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.872		061		#5	2.301		062		B.M. 21-47
	10.811		060			2.239		062		ELPASEO & CORAL WAY
	10.751		121			2.177		124		SEE F.B. 1391-47
1	32.434	10.811		121	67°	6.717	2.239		124	FOR
	8.121		148			2.199		148		
	7.973		144			2.051		148		
	7.829		292			1.903		296		
2	23.923	7.974		413		6.153	2.051		420	
	6.370		139			4.336		142		
	6.231		137			4.194		140		
	6.094		276			4.054		282		
3	18.695	6.232		689		12.584	4.195		702	
	7.637		214			3.815		211		
	7.423		212			2.804		211		
	7.210		427			2.093		422		
4	22.270	7.423		1116		8.412	2.804		1124	
	8.492		212			2.093		215		
	8.280		212			1.878		212		
	8.068		424			1.666		427		
5	24.840	8.280		1540		5.637	1.879		1351	
		40.720					13.168			

F.B. 1392 PG. 55

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No. 50010
Notes by G. E. DREIER Time 1:20 TO 2:[illegible] Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-47 To B.M. 21-49
Date 1-27-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		40,720		1,640			[illegible]		1,551	B.M. 21-48 (U.S. 104)
										CITY OF REDONDO BEACH BENCH MARK, 46.48 ABOVE DATUM PLANE THE AVERAGE OF THE
	1,166		044			10,381		040		LOWER LOW WATERS OF THE
	1,122		043			10,3[illegible]		040		PACIFIC OCEAN
	1,078		087			10,301		080		SEE F.B. 1391-48 FOR
6	3,367	1,122		1,627		31,023	10,341		1,631	DESCRIPTION
	0,745		043			9,303		38		
	0,702		041			9,265		37		
	0,661		084			9,228		075		
7	2,108	0,703		1,711		27,796	9,265		1,706	
	0,796		038			8,3[illegible]		040		
	0,758		038			8,337		041		
	0,720		076			8,29[illegible]		081		
8	2,274	0,758		1,787		25,010	[illegible]		1,787	
	0,513		106			5,55[illegible]		[illegible]		
	0,407		106			5,247		[illegible]		
	0,301		212			5,133		226		
9	1,221	0,407		[illegible]		15,73[illegible]	[illegible]		2,013	
		43,710					[illegible]			

F.B. 1392 PG. 56

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREISER Weather [illegible] Inst. No. [illegible]
Notes by G. E. DREISER Time 1:15 TO 2:30 Rod No. [illegible]

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From E.M. 21-47 To [illegible] 21-49
Date 1-27-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	[illegible]	4[illegible]	[illegible]	1999		4792	[illegible]	[illegible]	[illegible]	
	[illegible]		216			4577		214		
	[illegible]		422			2363		429		
10	17252	5,751		3,421		15732	4,577		3,442	
	[illegible]		216			4813		210		
	2,814		216			4,603		206		
	[illegible]		432			4,397		416		
11	17412	5,804		2,853		15812	4,604		2,858	[illegible]
	[illegible]		112			4922		112		Total Backsights +66.195
	5400		[illegible]			4,522		112		Total Foresights -65.627
	3259		[illegible]			[illegible]		225		[illegible] +00.568
12	16202	5,401		3,077		14489	4,830		3,083	
	5,729		212			5,473		215		E.M. 21-49 (Table [illegible]
	5,529		212			5,258		213		
	5,317		425			5,045		428		SEE F.B. 1391-49 FOR
13	16588	5,529		3,502	65°	15776	5,259		3,511	DESCRIPTION
	62,115					56,627				

F.B. 1391 PG. 57

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1392 PG. 58										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:45 TO Rod No. 5 5/8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-49 To B.M. 21-47
Date 1-28-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.611		216		#5	5.853		213		B.M. 21-49 (TOGETHER F-92)
	5.395		214			5.670		212		ON WALK ±150' S. OF LIFE GAURD STA
	5.181		430			5.458		425		SEE F.B. 1391-49 FOR DESCRIPTION
1	16.187	5.396		430	72°	17.011	5.670		425	
	4.884		113			5.455		115		T. E. LANDS
	4.771		112			5.343		112		
	4.659		225			5.231		227		
2	14.314	4.771		543		16.032	5.344		652	
	4.738		210			5.935		211		
	4.528		213			5.728		211		
	4.315		423			5.517		422		
3	13.581	4.527		1.078		17.184	5.728		1.074	
	4.781		214			5.958		215		
	4.567		214			5.743		211		
	4.353		428			5.532		426		
4	13.701	4.567		1.506		17.233	5.744		1.502	
	5.452		110			0.669		111		
	5.342		111			0.558		111		
	5.233		221			0.447		222		
5	16.046	5.348		1.727		1.524	0.508		1.722	
			24.610					22.994		

F.B. 1391 PG. 49

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 10:45 Rod No. 596

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-49 To B.M. 21-47
Date 1-28-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.695	24.610	42	1.727		1.113	2.[illegible]	038	1.732	
	8.653		42			1.075		037		
	8.611		84			1.038		75		
6	25.959	8.653		1.811		3.226	1.075		1.797	
	11.199		48			2.624		35		
	11.151		48			2.589		36		
	11.103		96			2.553		71		
7	33.453	11.151		1.907		7.766	2.589		1.868	
	10.309		40			1.093		44		
	10.269		41			1.049		45		
	10.228		81			1.004		89		
8	30.806	10.269		1.988		3.146	1.049		1.957	
		54.683					21.707			B.M. 21-48 (U.S. 10H) CITY OF REDONDO ELEV. 46.48 AINSWORTH ST. 100 yds W. of ESPLANADE. SEE F.B. 1391-48
F.B. 1391 PG. 60	2.228		207			8.651		223		
	2.021		203			8.429		220		
	1.818		410			8.209		443		
9	6.067	2.022		2.398		25.289	8.430		2.402	
		56.705					36.137			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 10:45 TO 1:35 Rod No. 55A

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-49 To B.M. 21-47
Date 1-28-53
Indexed L. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.061	56.705		2.398		7.655	36.137		2.409	
	2.850		211			7.473		218		
	2.639		422			7.265		428		
10	8.550	2.850		2.820		22.421	7.474		2.828	SUMMATION OF RUN
	4.372		45			6.408		138		B.M. 21-49 TO B.M. 21-47
	4.232		140			6.270		138		TOTAL BACKSIGHTS +68.615
	4.092		280			6.132		276		TOTAL FORESIGHTS -69.209
11	12.696	4.232		3.100		18.810	6.270		3.104	DIFF IN ELEVATION - .594
	2.409		149			8.333		147		
	2.260		147			8.186		145		
	2.112		296			8.041		292		
12	6.782	2.261		3.396		24.560	8.187		3.396	
	2.629		062			11.201		060		B.M. 21-47
	2.567		063			11.141		061		EL PASEO & SELWAY
	2.504		125			11.080		121		SEE F.B. 1391-47
13	7.700	2.567		3.521	78°	33.422	11.141		3.517	FOR DESCRIPTION
	68.615					69.209				

F.B. 1390 PG. 61

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1392 PG. 62										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 10:00 TO 11:00 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-47 To B.M. 21-49
Date 1-29-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.329		063			2.753		063		B.M. 21-47
	11.266		061			2.697		061		EL PASEO & CORAL WAY
	11.205		124			2.630		123		SEE F.B. 1391-47
1	33800	11.267		124		8.074	2.691		123	FOR DESCRIPTION
	8.284		145			2.361		149		
	8.137		147			2.212		145		⊼ ELANOR
	7.992		292			2.067		294		
2	24415	8.138		416		6.640	2.213		417	
	6.[illegible]		138			4.334		141		
	6.232		138			4.193		139		
	6.094		276			4.054		280		
3	18696	6.232		692		12.581	4.194		697	
	7.680		215			3.055		212		
	7.465		215			2.843		210		
	7.250		420			2.633		422		
4	22395	7.465		422		8.531	2.844		1.119	
	8.446		215			2.058		215		
	8.231		211			1.823		211		
	8.[illegible]		426			1.612		426		
5	24.297	8.[illegible]		1.548		5.473	1.824		1.545	
		41.334					13.766			

F.B. 1392 PG. 63

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:00 [illegible] Rod No. 5[illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-47 To B.M. 21-49
Date 1-29-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		41.334		1548			13.766		1547 5	B.M. 21-48 U.S. 10 CITY OF REDONDO ELEV 46.48 AT STAIRS AT W. END AINSWORTH CT. SEE F.B. 1391-48 FOR DESCRIPTION
	0.778		046			11.727		041		
	0.732		044			11.686		041		
	0.688		090			11.645		082		
6	5.198	0.733		1628		35.058	11.686		1629 1	
	0.556		037			11.882		045		
	0.519		039			11.837		046		
	0.480		076			11.791		091		
7	1.555	0.518		1714		35.510	11.837		1720 18	
	3.411		093			[illegible]		122		
	3.318		095			11.249		121		
	3.2[illegible]		188			11.128		243		
8	9.952	3.317		1902		33.748	11.249		1963 1	
	5.767		229			4.560		200		
	5.538		226			4.360		200		
	5.312		455			4.160		400		
9	16.617	5.539		2357		13.080	4.360		2367 1	
		51.441					52.898			

F.B. 1392 PG. 64

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:00 Rod No. 5 [illegible]

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-47 To B.M. 21-49
Date 1-29-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.946	51.441	216	2.357		4.746	52.898	210	2.363	
	5.730		215			4.530		210		
	5.515		431			4.320		220		
10	17.191	5.730		2.788		13.596	4.530		2.755	
	5.538		114			5.066		114		
	5.424		112			4.952		112		
	5.352		226			4.840		226		
11	16.594	5.465		2.514		14.858	4.852		3.009	
	5.777		216			5.501		211		BM 21-49 (TOPPA IE F-9) [illegible] ON WALL [illegible] SEE F.B. 1391-49 [illegible] FOR DESCRIPTION
	5.561		212			5.290		212		
	5.399		428			5.078		423		
12	16.687	5.562		3.412	70°	15.869	5.290		3.430	
										SUMMATION OF LINE B.M. 21-47 TO B.M. 21-49
										TOTAL BACKSIGHTS 68.198 ✓ TOTAL FORESIGHTS 67.61 ✓ DIFF IN ELEV. = 0.587 ✓
	68.198 ✓					67.61 ✓				

F.B. 1322 PG. 65

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1392 PG. 66										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Overcast Inst. No. 50010
Notes by E. [illegible] Time 2:30 to 3:30 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-49 To B.M. 21-50
Date 1-27-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	[illegible]		182		#6	[illegible]		183		B.M. 21-49 ([illegible])
	[illegible]		184			[illegible]		184		On walk ±150' S of Life Gd. Sta.
	[illegible]		366			[illegible]		367		See F.B. 1311-49
1	19189	[illegible]		366	68	13568	4.523		367	For description
	5034		213			5990		214		
	4821		214			5785		213		G.E. Dreier
	4607		427			5572		427		
2	14462	4.821		793		17356	5.785		794	
	[illegible]		213			5302		211		
	[illegible]		213			5091		211		
	[illegible]		426			4880		422		
3	12270	[illegible]		[illegible]		15273	5.091		[illegible]	
	[illegible]		212			4683		214		
	5636		213			4469		211		
	5423		425			4258		425		
4	16907	5.636		1644		13410	4.470		1641	
	5268		146			0782		147		
	5122		145			0635		146		
	4977		291			0489		293		
5	15367	5.122		1935		1906	0.635		1934	
		26.065					20.504			

F.B. 1392 PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dr[illegible] Weather [illegible] Inst. No. 50010
Notes by [illegible] Time 2:30 to 5:30 Rod No. 5[illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-49 To B.M. 21-50
Date 1-27-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7980	26.065	75	1935		2091	[illegible]	79	1934	
	7911		73			2012		77		
	7838		148			1935		156		
6	23735	7.912		2083		6038	[illegible]		2090	
	9183		50			1793		46		
	9133		47			1747		44		
	9086		97			1703		90		
7	27402	9.134		2180		5243	1.748		2180	
	10635		39			2893		48		
	10596		39			2845		47		
	10557		78			2798		95		
8	31788	10.596		2258		8536	2.845		2275	
	10823		20			0965		18		
	10803		20			0947		15		
	10783		40			0932		33		
9	32409	10.803		2278		2844	[illegible]		2318	
	9853		22			0975		19		
	9831		21			0956		19		
	9810		43			0937		38		
10	29494	9.83		2341		2868	0.[illegible]		2356	
		74341					29.014			

F.B. 1392 PG. 68

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Overcast Inst. No. 50010
Notes by E. Landa Time 2:30 to 3:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-49 To B.M. 21-50
Date 1-27-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	[illegible]	74.34	16	2341		1143	29.014	13	2356	
	9707		14			1130		13		
	[illegible]		30			1117		26		
11	29123	9.708		2371		3390	1.130		2382	
	[illegible]		72			5467		74		Summation of Run
	[illegible]		70			[illegible]		73		B.M. 21-49 to B.M. 21-50
	[illegible]		142			[illegible]		147		
12	[illegible]	6.074		2513		[illegible]	[illegible]		2529	
	5033		106			[illegible]		105		Total Backsight = + 99.567
	4927		105			[illegible]		106		Total Foresight = 47.335
	[illegible]		211			[illegible]		211		Diff. in Elev. = + 52.232
13	14732	4.927		2724		17297	5.766		2740	
	4732		215			[illegible]		208		B.M. 21-50 (U.S. 3811 Jor. F. 9)
	[illegible]		215			[illegible]		206		Esplanade & Ave. A
	4302		430			5825		414		See F.B. 1391-50
14	13551	[illegible]		3154	[illegible]	18095	6.032		3154	for description
		99.567					47.335			

F.B. 1392 PG. 69

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1392 PG. 70										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 9:45 to 10:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-50 To B.M. 21-49
Date 1-28-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6262		210		#6	4[illegible]		213		B.M. 21-50 (U.S. 3811) (Tor. F-9)
	6052		210			4539		211		Esplanade & Ave. 4
	5842		420			4328		424		See F.B. 1391-50
1	18156	6.[illegible]		420	68°	13619	4.540		424	for description
	5[illegible]		106			5055		105		
	5786		104			4950		105		G. E. Dreier
	5[illegible]82		210			4845		210		
2	17360	5.787		630		14850	4.950		634	
	5418		74			6096		70		
	5344		72			6026		70		
	5272		146			5956		140		
3	16034	5.345		776		18078	6.026		774	
	1138		13			9[illegible]		14		
	1125		13			9703		15		
	1112		26			9688		29		
4	3375	1.125		802		29108	9.703		803	
	1008		20			9886		22		
	0988		20			9864		21		
	0968		40			9843		43		
5	2964	0.988		842		29593	9.864		846	
		19.297					35.083			

F.B. 1392 PG. 21

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 9:45 to 10:45 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-50 To B.M. 21-49
Date 1-28-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0998	19.297	16	842		10857	35.083	20	846	
	0982		15			10837		19		
	0967		31			10818		39		
6	2947	0.982		873		32512	10.837		885	
	4173		48			11916		39		
	4125		48			11877		37		
	4077		96			11840		76		
7	12375	4.125		969		35633	11.878		961	
	0685		42			10709		36		
	0643		41			10673		35		
	0602		83			10638		71		
8	1930	0.643		1052		32020	10.673		1032	
	2352		94			5586		73		
	2258		95			5513		71		
	2163		189			5442		144		
9	6773	2.258		1241		16541	5.514		1176	
	1112		140			5613		151		
	0972		140			5462		152		
	0832		280			5310		303		
10	2916	0.972		1521		16385	5.462		1479	
		28.277					79.447			

F.B. 1392 PG. 72

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 9:45 to 10:45 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-50 To B.M. 21-49
Date 1-28-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4760	28.277	212	1521		5930	79.[illegible]	213	1479	
	4548		215			5717		212		
	4333		427			5505		425		
11	13641	4.547		1948		17152	5.717		1904	
	5252		209			4253		215		Summation of Run
	5043		212			4038		215		B.M. 21-50 to B.M. 21-49
	4832		424			3823		430		
12	15127	5.042	0	2369 8		12114	4.038		2334	
	5949		211			4995		216		Total Backsights = 48.073
	5738		208			4779		215		Total Foresights = 100.324
	5530		419			4564		431		Diff. in Elev. = -52.251
13	17217	5.739		2788 7		14338	4.779		2765	
	4650		182			6527		185		B.M. 21-49 (Tor. F9A)
	4468		182			6342		181		On Walk ± 100' S of Lift Gd. Sta.
	4286		364			6161		366		See F.B. 1391-49
14	13404	4.468		3152 1	72°	19030	6.343		3131	for description
		48.073					100.324			

F.B. 1392 PG. 73

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

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

F.B. 1392 PG. 74

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:00 to 12:00 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-49 To B.M. 21-50
Date 1-29-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6477		185		#5	4600		181		B.M. 21-49 (Tan 5-94)
	6292		181			4419		181		In walk ±150' S of life Gd. Sta.
	6111		366			4238		362		See F.B. 1391-49
1	18880	6.293		366	70°	13257	4.419		362	For description
	5097		214			6060		213		
	4883		212			5847		215		⊼ G.E. Dreier
	4671		426			5632		428		
2	14651	4.884		792		17539	5.846		790	
	4327		214			5328		212		
	4113		211			5116		212		
	3902		425			4904		424		
3	12342	4.114		1217		15348	5.116		1214	
	5882		212			4710		210		
	5670		212			4504		214		
	5458		424			4290		424		
4	17010	5.670		1641		13504	4.503		1638	
	5092		147			1003		146		
	5345		146			0857		147		
	5199		293			0710		293		
5	16036	5.345		1934		2570	0.857		1931	
		26.306					20.741			

F.B. 1392 PG. 75

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:00 to 12:00 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-49 To B.M. 21-50
Date 1-29-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5493	26.306	72	1934		2259	[illegible]	93	1931	
	5421		74			2166		94		
	5347		146			2072		187		
6	16261	5.420		2080		6497	2.166		2118	
	10778		35			0756		43		
	10743		36			0713		43		
	10707		71			0670		86		
7	32228	10.743		2151		2139	0.713		2204	
	11836		39			4094		48		
	11797		38			4046		49		
	11759		77			3997		97		
8	35392	11.797		2228		12137	4.046		2301	
	10822		20			0963		17		
	10802		19			0946		17		
	10783		39			0929		34		
9	32407	10.802		2267		2838	0.946		2335	
	10387		24			1507		18		
	10363		21			1489		17		
	10342		45			1472		35		
10	31092	10.364		2312		4468	1.489		2370	
		75.432					30.101			

F.B. 1392 PG. 76

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:00 to 12:00 Rod No. 5 56

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-49 To B.M. 21-50
Date 1-29-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10276	75.432 ✓	17	2312 ✓		1694	30.101 ✓	12	2370 ✓	
	10259		16			1682		14		
	10243		33 ✓			1668		26 ✓		
11	30778	10.259 ✓		2345 ✓		5044	1.681 ✓		2396 ✓	
	6101		79			5405		62		Summation of Rim
	6022		77			5343		63		
	5945		156 ✓			5280		125 ✓		B.M. 21-49 to B.M. 21-50
12	18068	6.023 ✓		2501 ✓		16028	5.343 ✓		2521 ✓	
	5017		110			5843		90		Total Backsights = + 100.623 ✓
	4907		110			5742		99		Total Foresights = − 48.387 ✓
	4797		220 ✓			5643		200 ✓		Diff. in Elev. = + 52.236 ✓
13	14721	4.907 ✓		2721 ✓		17228	5.743 ✓		2721 ✓	
	4214		212			5729		210		B.M. 21-50
	4002		212			5519		211		
	3790		424 ✓			5308		421 ✓		See F.B. 1391-50
14	12006	4.002 ✓		3145 ✓	74°	16556	5.519 ✓		3142 ✓	for description
		100.623 ✓					48.387 ✓			

F.B. 1392 PG. 77

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1392 PG. 78										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Overcast Inst. No. 50010
Notes by E. Landa Time 10:15 to 11:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-50 To B.M. 21-49
Date 2-2-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5821		212		#5	4302		211		B.M. 21-50 (U.S. 38") Torr. F.9
	5609		211			4091		211		Esplanade & Ave. A
	5393		423			3880		422		See F.B. 1391-50
1	16828	5.609		423	61°	12273	4.091		422	for description
	5936		105			5099		106		
	5831		107			4993		104		⊼ G.E. Dreier
	5724		212			4887		210		
2	17491	5.830		635		14981	4.994		632	
	5464		73			6134		63		
	5391		73			6071		67		
	5318		146			6003		136		
3	16173	5.391		781		18213	6.071		762	
	1163		16			9741		15		
	1147		12			9726		15		
	1135		28			9711		30		
4	3445	1.148		809		29178	9.726		798	
	1009		19			9886		22		
	0990		19			9864		21		
	0971		38			9843		43		
5	2970	0.990		847		29593	9.864		841	
		18.968					34.746			

F.B. 1392 PG. 79

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Overcast Inst. No. 50010
Notes by E. Landa Time 10:15 to 11:00 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-50 To B.M. 21-47
Date 2-2-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0982	18.968	16	847		10841	34.740	19	846	
	0966		17			10822		20		
	0949		33			10802		39		
6	2897	0.966		880		32465	10.822		8 80	
	3679		47			11422		39		
	3632		49			11383		39		
	3583		96			11344		78		
7	10894	3.63		976		34149	11.383		9 80	
	0755		43			10779		36		
	0712		42			10743		36		
	0670		85			10707		72		
8	2137	0.712		1061		32229	10.743		10 30	
	2219		76			5489		89		
	2143		75			5400		89		
	2068		151			5311		178		
9	6430	2.143		1212		16200	5.400		12 00	
	1016		149			5502		145		
	0867		148			5357		145		
	0719		297			5212		290		
10	2602	0.867		1509		16071	5.357		14 00	
		27.287					78.451			

F.B. 1392 PG. 80

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Overcast Inst. No. 50010
Notes by E. Landa Time 10:15 to 11:00 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-50 To B.M. 21-49
Date 2-2-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4818	27.287	214	1509		5987	78.451	214	1497 8	
	4604		213			5773		212		
	4391		427			5561		426	4	
11	13813	4.604		1936		17321	5.774		1923	
	5211		211			4214		212		Summation of Run
	5000		209			4002		212		
	4791		420			3790		424	8	B.M. 21-50 to B.M. 21-49
12	15002	5.001		2356		12006	4.002		2347	
	6058	36.892	210			5107	38.227	218		Total Backsights = + 47.352
	5848		210			4889		216		Total Foresights = − 99.605
	5638		420			4673		434	2	Diff. in Elev. = − 52.253
13	17544	5.848		2776		14669	4.890		2781	
	4793		182			6671		184		B.M. 21-49 (Torr. F-9A)
	4611		179			6487		182		On walk ± 150' S of Life Gd. Sta.
	4432		361			6305		366	8	See F.B. 1391-49
14	13836	4.612		3137	65°	19463	6.488		3147	for description

47.358 99.605

F.B. 1392 PG. 81

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name L. A. CO. PRECISE
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. 1392 PG. 82										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Windy Inst. No. 50010
Notes by E. Landa Time 2:30 to 3:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-50 To B.M. 21-49
Date 2-5-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5925		212		60°	4411		213		B.M. 21-50 (U.S. 38:1) (Tor. F.)
	5713		210			4198		211		Esplanade & Ave A.
	5503		422			3987		424		See F.B. 1391-50
1	17141	5.714		422		12596	4.199		424	for description
	6138		185			5200		155		
	5953		185			5045		155		
	5768		370			4890		310		
2	17859	5.953		772		15135	5.045		734	
	2000		023			11326		018		
	1977		024			11308		017		
	1953		047			11291		035		
3	5930	1.977		839		33925	11.308		769	
	1457		018			10337		024		
	1439		017			10313		021		
	1422		035			10292		045		
4	4318	1.439		874		30942	10.314		814	
	1512		016			11373		020		
	1496		014			11353		021		
	1482		030			11332		041		
5	4490	1.497		904		34058	11.353		855	
		16.580					42.219			

F.B. 1392 PG. 83

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Drglar Weather Windy Inst. No. 50010
Notes by E. Landa Time 2:30 to 3:30 Rod No. 556

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-50 To B.M. 21-49
Date 2-5-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3612	16.580	50	904		11355	[illegible]	38	855	
	3562		50			11317		40		
	3512		100			11277		78		
6	10686	3.562		1004		33949	[illegible]316		933	
	0642		043			10665		36		
	0599		042			10629		36		
	0557		085			10593		72		
7	1798	0.599		1089		31887	10.629		1005	
	2153		78			5422		89		
	2075		77			5333		88		
	1998		155			5245		177		
8	6226	2.075		1244		16000	5.333		1182	
	1029		147			5518		147		
	0882		145			5371		147		
	0737		292			5224		294		
9	2648	0.883		1536		16113	5.371		1476	
	4757		199			5955		227		
	4558		198			5728		226		
	4360		397			5502		453		
10	13675	4.558		1933		17183	5.[illegible]		1929	
		28.257					80.[illegible]			

F.B. 1392 PG. 84

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Windy Inst. No. 50010
Notes by E. Landa Time 2:30 to 3:30 Rod No. 58

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-50 To B.M. 21-49
Date 2-5-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5259	28.257	211	1933		4260	80.596	213	1929	
	5048		210			4047		212		
	4838		421			3835		425		
11	15145	5.048		2354		12142	4.047		2354	
	6063		212			5109		213		Summation of Run
	5851		212			4896		214		B.M. 21-50 to B.M. 21-49
	5639		424			4682		427		
12	17553	5.851		2778		14687	4.896		2781	
	4765		182			6641		182		Total Backsights = +43.739
	4583		183			6459		182		Total Foresights = -95.998
	4400		365			6277		364		Diff. in Elev. = -52.259
13	13748	4.583		3143	66°	19377	6.459		3145	
										B.M. 21-49 (Torr. F-94 in walk ± 150' S. of life Gd. Sta. See F.B. 1391-49 for description
		43.739					95.998			

F.B. 1392 PG. 85

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

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

F.B. 392 PG. 86

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by R. J. HEMPELING Time 1:00 to 3:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-49 To B.M. 21-50
Date 2-13-53
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.582		184		#5	4.907		181		B.M. 21-49 (TORRANCE F-9A)
	6.398		184			4.526		183		ON WALK + 50 S OF LINE CO. ITA.
	6.214		368			4.343		364		SEE F.B. 1391-49
1.	19.194	6.398		368	65°	13.576	4.525		364	FOR DESCRIPTION
	5.093		214			6.054		213		
	4.879		215			5.841		213		T E. LANDA
	4.664		429			5.628		426		
2.	14.636	4.879		797		17.523	5.841		790	
	4.300		213			5.298		210		
	4.087		213			5.088		211		
	3.874		426			4.877		421		
3.	12.261	4.087		1.223		15.263	5.088		1.211	
	5.926		214			4.753		215		
	5.712		212			4.543		214		
	5.500		426			4.329		429		
4.	17.138	5.713		1.649		13.630	4.543		1.640	
	5.638		148			1.147		149		
	5.490		147			1.000		147		
	5.343		295			0.853		296		
5.	16.471	5.490		1.954		3.002	1.001		1.936	
		26.562					20.998			

F.B. 1392 PG. 87

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR; WINDY Inst. No. 50010
Notes by R.J. HEMPFLING Time 1:00 TO [illegible] Rod No. 5 & 6

Name L.A. CO. [illegible] LEVEL NET
Job No. 4923
From B.M. 21-49 To B.M. 21-50
Date 2-13-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.471	2.656	081	1.954 4		2.221	2.098	086	1.936	
	5.390		080			2.135		085		
	5.312		16			2.050		1.71		
6	16.171	5.390		2.175		6.406	2.135		2.107	
	11.248		038			1.222		042		
	11.210		038			1.180		042		
	11.172		076			1.138		084		
7	33.630	11.210		2.191 8		3.540	1.180		2.191	
	11.458		038			3.717		050		
	11.420		039			3.667		051		
	11.381		077			3.616		10		
8	34.259	11.420		2.258 5		11.000	3.667		2.292	
	10.930		020			0.871		018		
	10.910		020			0.853		018		
	10.890		040			0.836		035		
9	32.730	10.910		2.348 29		2.560	0.853		2.338 7 5	
	9.673		021			0.797		020		
	9.652		023			0.777		019		
	9.629		044			0.758		039		
10	28.954	9.651		2.352 4		2.332	0.777		2.367 6	
		74.958 4					29.610			

F.B. 1392 PG. 88

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by R.J. HEMPFLING Time 1:00 TO 3:00 Rod No. 5+6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-49 To B.M. 21-50
Date 2-13-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10.125	74.958 4	016	2352 4		0802	29.610	025	2367 6	
	10.109		017			0777		025		
	10.092		033	7		0752		050	6	
11	30.326	10.109		2385		2331	0.777		2417	
	5.261		065			5.336		066		
	5.196		064			5.270		065		
	5.132		129	0		5.205		131	7	
12	15.589	5.196		2544		15.811	5.270		2548	
	4.884		115			5.699		097		
	4.769		116			5.602		94		
	4.653		231	3		5.508		111	8	
13	14.306	4.769		2745		16.809	5.603		2739	
	4.643		213			6.158		210		B.M. 21-50 U.S. 381 TORRANCE F.9
	4.430		213			5.948		211		(U.S.C.C. REPONDS)
	4.217		426			5.737		421		ESPLANADE & AVE A
14	13.290	4.430		3176	70°	17.843	5.948		3166 59	SEE F.B. 1391-50 FOR DES.
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 99.462 5
										TOTAL FORESIGHTS − 47.208
										DIFF IN ELEVATION + 52.254 4
		99.462 5					47.208			

F.B. 1392 PG. 89

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1392 PG. 90										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather CLEAR Inst. No. 50010
Notes by T. Ohashi Time 1:35 Rod No. 5 96

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-50 To B.M. 21-51
Date 1-28-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4684		107			5427		116		B.M. 21-50 (U.S. 381 REDONDO)
	4577		107			5311		113		TORRANCE F-9
	4470		214			5198		229		ESPLANADE & AVE I
1.	13.731	4.577		214	64°	15.936	5.312		229	SEE F.B. 1391-50 FOR 1 DESCRIPTION
										B.M. 21-50A (R.M. REDONDO)
										ESPLANADE & AVE I, S.E. COR.
										SEE F.B. 1391-50
										FOR DESCRIPTION
	5308		134			6659		139		
	5174		133			6520		140		T E. LANDA
	5041		267			6380		279		
2.	15.523	5.174		481		19.559	6.520		508	
	4167		145			6677		134		
	4022		142			6543		131		
	3880		287			6412		265		
3.	12.069	4.023		768		19.632	6.544		773	
	3708		213			7143		210		
	3495		214			6933		211		
	3281		427			6722		421		
4.	10.484	3.495		1195		20.798	6.933		1194	
		17.269					25.309			

F.B. 1392 PG. 91

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: G.E. Dreier Weather: CLEAR Inst. No.: 50010
Notes by: T. Ohashi Time: 1:30 TO 3:50 Rod No.: 5E6

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 4923
From: BM 21-50 To: BM 21-51
Date: 1-28-53
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3708	17.269	214	1195		7196	25309	212	1194	
	3494		211			6984		211		
	3283		425			6773		423		
5.	10485	3.495		1620		20953	6.984		1617	
	3923		211			7293		211		
	3712		211			7082		210		
	3501		422			6872		421		
6.	11136	3.712		2042		21247	7.082		2038	
	3723		213			7228		214		
	3510		212			7014		214		
	3298		425			6800		428		
7.	10531	3.510		2467		21042	7.014		2466	
	4307		214			6474		212		
	4093		211			6262		209		
	3882		425			6053		421		
8	12282	4.094		2892		18789	6.263		2887	
	5165		215			5781		212		
	4940		214			5569		210		
	4726		429			5359		422		
9.	14821	4.940		3321		16709	5.570		3309	
		37.020					58.222			

F.B. 392 PG. 92

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather CLEAR Inst. No. 50010
Notes by T. Ohashi Time 1:30 TO 3:00 Rod No. 586

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-50 To B.M. 21-51
Date 1-28-53
Indexed L. C. [illegible]

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5167	37.220✓	215	3321✓		5768	58.222✓	213	3309✓	
	4952		213			5555		218		SUMMATION OF RUN
	4739		428✓			5342		426✓		B.M. 21-50 TO B.M. 21-51
10	14958	4953✓		3749✓		16665	5555✓		3735✓	TOTAL BACKSIGHTS +58.789✓
	5148		211			5039		217		TOTAL FORESIGHTS −81.068✓
	4937		213			4822		214		DIFF. IN ELEV. −22.279✓
	4724		424✓			4608		43✓		
11	14809	4936✓		4173✓		14469	4823✓		4166✓	
	6553		215			6143		214		B.M. 21-51A & MON.
	6338		215			5929		212		ESPLANDE & AVE I"
	6123		430✓			5717		426✓		SEE F.B. 1391-51
12	19014	6338✓		4653✓		17789	5930✓		4592✓	FOR DESCRIPTION
	5634	53.247✓	093			6631	74.530✓	093		
	5541		091			6538		093		
	5450		184✓			6445		186✓		
13	16625	5542✓		4787✓	78°	19614	6538✓		4778✓	
										B.M. 21-51 (TORRANCE E-10)
										ESPLANDE & AVE I"
										See F.B. 1391-51
										FOR DESCRIPTION
		58.789✓					81.068✓			

F.B. 1392 PG. 43

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1392 PG. 94										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-BLUSTY Inst. No. 50010
Notes by G. E. DREIER Time 3:00 TO 3:35 Rod No. 5 [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-51 To B.M. 21-50
Date 1-28-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	[illegible] 6.57[illegible] 6.4[illegible] 19.724	6.575	095 [illegible] 188	188		5.669 5.575 5.485 16.732	5.577	091 093 184	184	B.M. 21-51 (TORRANCE F-10) ESPLANADE & AVE I SEE F.B. 139[illegible]-51 FOR DESCRIPTION
2	[illegible] 5.966 [illegible] 7.898	5.966	214 214 [illegible]	616		[illegible] 6.375 6.161 19.125	6.375	214 [illegible] 428	612	B.M. 21-51A [illegible] MON. ESPLANADE & AVE. I SEE F.B. 139[illegible]-51 FOR [illegible]
3	5.[illegible] 4.873 4.660 14.622	4.874	216 213 429	1045		[illegible] 4.988 4.775 14.967	4.989	213 [illegible] 423	1035	[illegible]
4	5.775 5.564 5.357 16.696	5.565	211 207 418	1463		5.180 4.962 4.747 14.889	4.965	218 215 433	1468	
5	5.8[illegible] 5.600 5.390 16.802	5.6[illegible]	2[illegible] 210 422	1885		5.187 4.969 4.753 14.909	4.970	218 216 434	1902	
		28.58[illegible]					26.874			

F.B. 1392 PG. 95

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 3:00 7:33 Rod No. 5[illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-51 To B.M. 21-50
Date 1-28-50
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.410	28.581	211	1.885		4.24[illegible]	[illegible]	213	1.902	
	6.199		210			4.0[illegible]		211		
	5.989		421			3.818		[illegible]		
6	18.598	6.199		2.306		12.089	[illegible]		2.326	
	7.185		217			[illegible]		212		
	6.968		214			3.466		209		
	6.754		431			[illegible]		421		
7	20.907	6.969		2.737		[illegible]	[illegible]		2.747	
	7.201		211			3.833		213		
	6.990		211			[illegible]		210		
	6.779		422			3.[illegible]		423		
8	20.970	6.990		3.159	70°	10.863	3.621		3.170	STOPPED 3:35 P.M. 1-28-53
	7.165		213			3.672		212		STARTED 8:30 A.M. 1-29-53
	6.952		212			3.460		211		
	6.740		425			3.249		423		
9	20.857	6.952		3.584	66°	10.381	3.460		3.593	
	7.082		210			3.648		216		
	6.872		212			3.432		212		
	6.659		423			3.220		428		
10	20.613	6.871		4.007		10.300	3.433		4.021	
		62.562					44.855			

F.B. 1392 PG. 96

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 8:30 TO 9:30 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-51 To B.M. 21-50
Date 1-29-53
Indexed E. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.800 6.562		142	4.007		4.271	4.135	138	4.021	SUMMATION OF RUN
	6.658		139			4.133		134		B.M. 21-51 TO B.M. 21-50
	6.519		281			3.999		272		
11	19.977	6.659		4.288		12.403	4.134		4.293	TOTAL BACKSIGHTS + 80.614
	6.640		140			5.292		135		TOTAL FORESIGHTS - 58.340
	6.500		140			5.159		134		DIFF IN ELEVATION + 22.279
	6.360		280			5.025		267		
12	19.500	6.500		4.568		15.476	5.159		4.560	
		75.721					54.178			B.M. 21-50A (R.M. REDONDO)
										ESPLANADE & AVE I
										SEE F.B. 1391-50 FOR
										DESCRIPTION
	5.005		105			4.270		108		B.M. 21-50 (U.S. 3511 REDONDO)
	4.898		106			4.162		108		(TORRANCE F-9)
	9.903		211			8.054		216		ESPLANADE & AVE I
13	14.693	4.898		-1.799		12.486	4.162		4.776	SEE F.B. 1391-50 FOR DESCRIPTION
					65					
		80.619					68.340			

F.B. 1392 PG. 97

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1392 PG. 98										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Drake Weather Clear Inst. No. 52010
Notes by E. Landa Time 2:00 to 3:30 Rod No. 56

Name L. A. CO. PRECISE LEVEL NET
Job No. 2923
From B.M. 21-51 To B.M. 21-54
Date 1-29-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7832		141		#5	1663		166		B.M. 21-51 (Torrance F-10)
	7691		143			1497		165		Esplanade & Ave. I
	7548		284			1332		331		See F.B. 1392
1	23071	7.690		284	72°	4492	1.497		331	-for description
	9878		225			2091		224		
	9653		224			1867		226		A. G.E. Drake
	9429		449			1641		450		
2	28960	9.653		733		5599	1.866		781	
	7143		221			4209		205		
	6922		222			4004		208		
	6700		443			3800		409		
3	20765	6.922		1176		12013	4.004		1190	
	6800		217			5330		208		
	6583		216			5122		205		
	6367		433			4917		413		
4	19750	6.583		1609		15369	5.123		1605	
	5620		213			[illegible]		210		
	5407		214			4799				
	5193		427			4589		420		
5	16220	5.407		2036		14397	4.799		2023	
		36.255					17.289			

F.B. 1392 PG. 22

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 2:00 to 3:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-51 To B.M. 21-54
Date 1-29-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6411	36.255	223	2036		2938	17.289	220	2023	
	6388		222			2718		218		
	6164		445			2500		438		
6	19163	6.388	1	2487 3		8150	2.719		2461	
	9282		159			1699		161		
	9123		159			1538		162		
	8964		318			1376		323		
7	27369	9.123		801 2799		4613	1.038		2784	
	9745		146			0597		149		
	9599		146			0448		148		
	9453		292			0300		297		
8	28797	9.599		3094 3		1345	0.448		3081	
		61.365					21.994			B.M. 21-52 (U.S. 4144) (E-768) Pacific Hwy. & Hlywd. Palos Verdes Pkwy See F.B. 1391-52 for description
	8581		146			1232		144		
	8435		145			1088		145		
	8290		291			0943		289		
9	25306	8.435		3382 4		3263	1.089		3370	
		69.800					23.082			

F.B. 1392 PG. 100

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Lunda Time 2:00 to 3:30 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-51 To B.M. 21-54
Date 1-29-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8217	69.800	180	3362 4		3027	23.082	187	3370	
	8037		180			2840		187		
	7857		360			2653		374		
10	24111	8.037		3742 4		8520	2.840		3744	
	7063		183			3374		184		
	6880		183			3190		183		
	6697		366			3007		366		
11	20640	6.880		4108 10		9571	3.190		4110 1	
	6892		213			2945		212		
	6679		212			2733		212		
	6467		425			2521		424		
12	20038	6.679		4533 5		8199	2.733		4534 5	
	6722		214			3630		214		
	6508		213			3416		213		
	6295		427			3203		427		
13	19525	6.508		4964 2		10249	3.416		4964 2	
	5528		211			4183		212		
	5335		213			3971		211		
	5122		424 6			3760		423		
14	16005	5.335		5388 8		11914	3.971		5388 5	
		103.239					39.232			

F.B. 1392 PG. 101

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 2:00 to 3:30 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-51 To B.M. 21-54
Date 1-29-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5284	103.239	214	5384 8		4810	31.232	212	5384 5	Summation of Run
	5070		212			4658		211		B.M. 21-51 to B.M. 21-54
	4858		426			4447		423		
15	15212	5.071		5814		13975	4.658		5807 8	
	7262		214			2871		212		Total Backsights = + 120.824
	7052		211			2679		212		Total Foresights = − 50.840
	6841		425			2467		424		Diff. in Elev. = + 69.984
16	21159	7.053		6235 9		8037	2.679		6234	
		115.363					46.569			B.M. 21-53 (U.S. 3813) S.W. Cor. Pacific Coast Hwy & Vista Del Parque See F.B. 1391-53 for description
	5547		86			4361		90		B.M. 21-54 S.E. Cor. Pacific Cst. Hwy. & Vista Del Parque - See F.B. 1391-53 for description
	5461		85			4271		89		
	5376		171			4182		179		
17	16384	5461		6404 10		12814	4271		6414 1	
		120.824					50.840			

F.B. 1392 PG 102

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Larson Time 2:00 to 3:00 Rod No. 266

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-52 To B.M. 21-51
Date 1-30-53
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4290 4205 4117		89 88 177		#5	5382 5296 5126		86 84 170		B.M. 21-54 S.E. Cor. Pacific Coast Hwy & Vista Del Mar-See F.B. 1391-53 for description
1	12616	4.205		177	74°	16190	5.397		170	
										B.M. 21-53 (U.S. 3313) S.W. Cor. Pacific Coast Hwy & Vista Del Parque-See F.B. 1391-53 for description
	3023 2807 2591		216 216 432			1400 7180 6960		220 220 440		G.E. Dreier
2	8421	2.807		609		21540	7.180		610	
	4383 4171 4959		212 212 424			5301 5087 4873		214 214 428		
3	14013	4.671		1033		15261	5.087		1038	
	4172 3961 3750		211 211 422			5539 5327 5113		212 214 426		
4	11883	3.961		1455		15979	5.326		1464	
		15.644					22.990			

F.B. 1392 PG. 103

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C. E. Oreiro Weather Clear Inst. No. 50010
Notes by E. Landa Time 2:00 p.m. to 3:30 Rod No. 56

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-54 To B.M. 21-51
Date 1-30-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3636	1.644	213	1853		6724	[illegible]	214	1464	
	3423		213			6510		212		
	3210		426			6298		426		
5	10269	3.423		1881		19532	6.511		1890	
	6663		211			6612		213		
	2052		210			6399		213		
	2242		421			6186		426		
6	7357	2.452		2302		19197	6.399		2316	
	3340		188			7023		180		
	3152		184			6843		180		
	2968		372			6663		360		
7	9460	3.153		2674		20529	6.843		2676	
	3090		182			8290		182		
	2908		181			8106		182		
	2727		363			7922		364		
8	8725	2.908		3037		24318	8.106		3042	
	1324		144			8676		147		
	1180		143			8529		147		
	1037		287			8382		294		
9	3541	1.180		3324		25587	8.529		3338	
		21.760					59.318			

F.B. 1392 PG. 104

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Drazen Weather Clear Inst. No. 50010
Notes by E. Landa Time 2:00 to 3:00 Rod No. 5E6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-54 To B.M. 21-51
Date 1-30-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		28.760		3324			59.378		3338	B.M. 21-52 (U.S. 4144) (E-768) Pacific Coast Hwy & Palos Verdes Pkwy. See F.B. 1391-52 for description
	0710		148			9860		147		
	0562		149			9713		146		
	0413		297			9567		293		
10	1685	0.562		3621		29140	9.713		3631	
	1648		163			9231		160		
	1485		163			9071		160		
	1322		326			8911		320		
11	4455	1.485		3947		27213	9.071		3951	
	2576		222			6245		223		
	2354		218			6022		221		
	2136		440			5801		444		
12	7064	2.355		4387		18068	6.023		4395	
	5002		209			5613		210		
	4793		210			5399		212		
	4583		419			5187		426		
13	14378	4.793		4806		16199	5.400		4821	
		37.955					89.585			

F.B. 1392 PG. 105

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 20010
Notes by E. Lunda Time 2:00 pm to 3:00 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-52 To B.M. 21-51
Date 1-30-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5308	37.955	211	4806		6776	19.685	214	4921	
	5097		211			6562		214		
	4886		422			6348		428		
14	15291	5.097		5228		19686	6.556		5249	
	4139		217			7027		210		Summation of Run
	3922		216			6839		208		B.M. 21-52 to B.M. 21-51
	3706		433			6631		418		
15	11767	3.922		5661		20519	6.840		5667	
	2193		225			9982		223		Total Backsights = 450.536
	1968		225			9759		226		Total Foresights = -120.525
	1743		450			9533		447		Diff. in Elev. = -69.919
16	5904	1.968		6111		29273	9.758	50	6115	
	1750		157			7942		156		B.M. 21-51 (Bronze Disk)
	1593		154			7786		156		Esplanade & Ave I
	1439		311			7630		312		See F.B. 1391-51
17	4782	1.594		6022		23358	7.786		6528	for description

F.B. 1392 PG. 106

50.536 120.525

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 10:00 TO 11:00 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-54 To B.M. 21-56
Date 1-30-53
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.747		200		#6	2.615		203		B.M. 21-54 PARQUE
	8.547		198			2.415		202		PACIFIC COAST HWY & VISTA DEL
	8.349		398			2.213		405		SEE F.B. 1291-53
1	25.643	8.548		.398	74P	7.246	2.415		.405	FOR DESCRIPTION
	8.620		221			3.298		221		
	8.399		220			3.077		220		T. E. LANDA
	8.178		441			2.857		441		
2	25.198	8.399		.839		9.232	3.077		.846	
	6.457		215			4.290		216		
	6.242		212			4.074		212		
	6.030		427			3.862		428		
3	18.729	6.243		1.266		12.226	4.075		1.274	
	6.853		213			4.098		214		
	6.640		211			3.884		212		
	6.429		424			3.672		426		
4	19.922	6.641		1.690		11.654	3.885		1.700	
	5.756		216			6.143		212		
	5.540		212			5.931		211		
	5.328		428			5.720		423		
5	16.624	5.541		2.118		17.794	5.931		2.123	
		35.372					19.383			

F.B. 1392 PG. 107

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by [illegible] Time 10:00 TO 11:00 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4925
From B.M. 21-54 To B.M. 21-56
Date 1-30-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.622	3.572	214	2118		8.838	8.352	215	2129	
	3.408		213			8.115		214		
	3.195		427			7.901		429		
6	10.225	3.408		2.545		24.342	8.115		2.552	
	2.758		148			8.535		148		
	2.610		145			8.390		147		
	2.465		293			8.243		295		
7	7.833	2.611		2.838		25.171	8.390		2.847	
	2.126		130			8.972		133		
	1.996		131			8.839		133		
	1.865		261			8.706		266		
8	5.987	1.996		3.099		26.517	8.839		3.113	
	1.989		109			8.879		110		
	1.880		108			8.769		110		
	1.770		218			8.659		220		
9	5.639	1.880		3.318		26.307	8.769		3.333	
	1.524	1.417	107			8.932		111		
	1.417		107			8.821		110		
	1.310		214			8.711		221		
10	4.251	1.417		3.532		26.464	8.821		3.554	
		46.684					62.317			

F.B. 1392 PG. 108

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:00 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-54 To B.M. 21-56
Date 1-30-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1591	46.684	116	3.532		9080	62.317	101	3.554	
	1.475		114			8.979		102		
	1361		230			8.877		203		
11	4.427	1.476		3.762		26.936	8.979		3.757	
		48160					71.296			B.M. 21-55 (4.S 36[illegible] L-615) (67+00) PACIFIC COAST HWY & [illegible]INTON ST SEE F.B. 1391-54 FOR DESCRIPTION
	2.698		155			9.995		145		
	2.543		151			9.850		147		
	2.392		306			9.703		292		
12	7.633	2.544		4.068		29.548	9.849		4.049	
	0.968		208			9.000		206		
	0.760		208			8.794		205		
	0.552		416			8.589		411		
13	2.280	0.760		4.484		26.383	8.794		4.460	
	4855		215			3.470		213		
	4640		212			3257		211		
	4.428		427			3.046		424		
14	13.923	4.641		4.911		9.773	3.258		4.884	
		56.105					93.197			

F.B. 1392 PG. 109

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time [illegible] Rod No. 556

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.m. 21-54 To B.m. 21-56
Date 1-30-53
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.570	5.695	210	4.911		2.175	[illegible]	221	4.884	
	8.360		208			1.954		217		
	8.152		418			1.737		438		
15	25.082	8.36		5.339		5.866	1.955		5.322	
	8.465		214			3.776		215		
	8.251		211			3.561		211		
	8.040		425			3.350		426		
16	22.756	8.252		5.754		10.687	1.562		5.748	SUMMATION OF RUN
	5.587		214			6.605		216		B.m. 21-54 TO B.m. 21-56
	5.373		211			6.392		214		TOTAL BACKSIGHTS +81.956
	5.162		425			6.178		430		TOTAL FORE SIGHTS - 120.755
17	16.122	5.374		6.179		19.178	6.393		6.178	DIFF IN ELEVATION - 38.799
	2.566		216			9.059		210		
	2.350		212			8.849		211		
	2.138		428			8.638		421		
18	7.054	2.351		6.607		26.546	8.849		6.599	
	1.727	[illegible]	215			7.011	[illegible]	212		B.m. 21-56 (W.S 3814 A-768)
	1.512		211			6.799		213		PACIFIC COAST HWY, AT STA 70+91.00
	1.301		426			6.586		425		SEE F.B. 1241-US
19	4.540	1.513		7.033	76°	20.396	6.799		7.024	FOR DESCRIPTION
		81.956					120.755			

F.B. 392 PG. 110

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO 12:00 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-56 To B.M. 21-54
Date 1-30-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.965		214		#5	1.680		215		B.M. 21-56 (4.S 3814 A-768)
	6.751		212			1.465		213		PACIFIC COAST HWY AT STA. TOR 91+00
	6.539		426			1.252		428		SEE F.B. 1391-55
1	20.255	6.752		426	76°	4.397	1.466		428	FOR DESCRIPTION
	9.091		213			2.599		217		
	8.878		210			2.382		214		
	8.668		423			2.168		431		
2	26.637	8.879		849		7.149	2.383		859	
	6.613		213			5.595		215		
	6.400		213			5.380		211		
	6.187		426			5.169		426		
3	19.200	6.400		1275		16.144	5.381		1.285	
	3.766		214			8.452		213		
	3.552		213			8.239		212		
	3.339		427			8.027		425		
4	10.657	3.552		1.702		24.718	8.239		1.710	
	2.230		216			8.635		215		
	2.014		214			8.420		211		
	1.800		430			8.209		426		
5	6.044	2.015		2.132		25.264	8.421		2.136	
		27.598					25.890			

F.B. 1392 PG. 111

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO 12:00 Rod No. 5.86

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-56 To B.M. 21-54
Date 1-30-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.479	27.598	211	2132		4.862	25.890	214	2136	
	3.268		213			4.648		216		
	3.058		424	3		4.438		424		
6	9.805	3.268	1	2556		13.948	4.649		2560	
	8.981		210			0.944		207		
	8.771		207			0.737		207		
	8.564		417	0		0.530		414		
7	26.316	8.772		2973		2.211	0.737		2974	
	9.979		147			2.679		153		
	9.832		143			2.526		152		
	9.659		290	0		2.374		305		
8	29.500	9.833		3263		7.579	2.527		3274	
		49.471					38.802			B.M. 21-55 (U.S. 3652 & 615) PACIFIC COAST HWY & NEWTON ST SEE F.B. 139-54 FOR DESCRIPTION
	9.323		110			1.815		108		
	9.213		109			1.707		108		
	9.104		219	79		1.603		216		
9	27.640	9.213		3482		5.133	1.711		3495	
		58.684					39.513			

F.B. 1392 PG. 112

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO 12:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-56 To B.M. 21-54
Date 1-30-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.929	58.684	112	3.4~~82~~ 79		1.519	35.513	109	3.495	
	8.817		111			1.410		108		
	8.706		223			1.302		217		
10	26.452	8.817		3.70~~5~~ 2		4.231	1.410		3.712	
	8.853		113			1.960		109		
	8.740		110			1.851		107		
	8.630		223			1.744		216		
11	26.223	8.741		3.92~~8~~ 5		5.555	1.852		3.928	
	9.013		133			2.169		131		
	8.880		131			2.038		129		
	8.749		264			1.909		260		
12	26.642	8.881		4.1~~92~~ 89		6.116	2.039		4.188	
	8.579		149			2.796		146		
	8.430		148			2.650		147		
	8.282		297			2.503		293		
13	25.291	8.430		4.48~~9~~ 6		7.949	2.650		4.481	
	8.315		215			3.606		216		
	8.100		212			3.390		212		
	7.888		427			3.178		428		
14	24.303	8.101		4.91~~6~~ 3		10.174	3.391		4.909	
		101.654					46.855			

F.B. 1392 PG. 113

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11.00 TO 15.00 Rod No. 546

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-56 To B.M. 21-54
Date 1-30-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.078	101.654	211	4.916		5.690	46.855	215	4.909	
	5.867		213	3		5.475		212		
	5.654		424			5.263		427		
15	17.599	5.866		5.340		16.428	5.476		5.336	
	4.058		215			6.810		212		
	3.843		212			6.598		214		
	3.631		427	4		6.384		426		
16	11.532	3.844		5.767		19.792	6.597		5.762	
	4.266		215			6.430		212		SUMMATION OF RUN
	4.051		212			6.218		215		B.M. 21-56 TO B.M. 21-54
	3.839		427	1		6.003		427		TOTAL BACKSIGHTS +120.909
17	12.156	4.052		6.194		18.651	6.217		6.189	TOTAL FORESIGHTS − 82.089
	3.259		221			8.578		220		DIFF IN ELEVATION + 38.820
	3.038		222			8.358		217		
	2.816		443	4		8.139		439		
18	9.113	3.038		6.637		25.075	8.358		6.628	
	2.654	2.454	200			8.783		200		B.M. 21-54
	2.454		197			8.585		198		PACIFIC COAST HWY & VISTA DEL
	2.257		397	1		8.387		398		PARQUE, S.E. COR.
19	7.365	2.455		7.034		25.757	8.586		7.026	SEE F.B. 1391-53 FOR DESCRIPTION
		120.909					82.089			

F.B. 1392 PG. 114

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:20 TO Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-54 To B.M. 21-55
Date 2-2-53
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.465		198			2.337		204		B.M. 21-54
	8.267		195			2.133		200		PACIFIC COAST HWY & VISTA DEL PACIFICO
	8.072		393			1.933		404		SEE F.B. 1391-53
1	24.804	8.268		393	72°	6.403	2.134		404	FOR DESCRIPTION
	8.622		222			3.301		221		
	8.400		219			3.080		221		T. E. LANDA
	5.181		441			2.859		442		
2	22.203	8.401		834		9.240	3.080		846	
	6.440		216			4.272		214		
	6.224		212			4.058		211		
	6.012		428			3.847		425		
3	18.676	6.225		1262		12.177	4.059		1271	
	6.770		212			4.018		213		
	6.558		212			3.805		212		
	6.346		424			3.593		425		
4	19.674	6.558		1686		11.416	3.805		1696	
	5.695		215			6.083		212		
	5.480		211			5.868		211		
	5.269		426			5.657		423		
5	16.444	5.481		2112		17.605	5.868		2119	
	34933					18946				

F.B. 1392 PG. 115

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No. 50010
Notes by G. E. DREIER Time 11:20 TO Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL
Job No. 4923
From B.M. 21-54 To B.M. 21-55
Date 2-2-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.564	34.933	213	2.112		7.560	[illegible]	212	2.119	
	3.351		213			7.348		213		
	3.138		426			7.135		425		
6	14.053	3.351		2.538		22.043	7.348		2.544	
	2.042		148			8.532		145		
	1.894		145			8.387		147		
	1.749		293			8.240		292		
7	5.685	1.895		2.831		25.159	8.386		2.836	
	2.119		130			8.964		133		
	1.989		130			8.831		132		
	1.859		260			8.699		265		
8	5.967	1.989		3.091		26.494	8.831		3.101	
	1.831		113			8.713		107		
	1.718		111			8.606		107		
	1.607		224			8.499		214		
9	5.156	1.719		3.315		25.818	8.606		3.315	
	1.552		108			8.840		115		
	1.444		107			8.725		114		
	1.337		215			8.611		229		
10	4.333	1.444		3.530		26.176	8.725		3.544	
		45.331					60.812			

F.B. 1392 PG. 116

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 11:20 TO 12:10 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-54 To B.M. 21-55
Date 2-2-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.621	45.331	118	3.5~~44~~ 30		9.236	60.842	105	3.5~~30~~ 44	
	1.503		114			9.131		102		
	1.387		232	62		9.029		207	51	
11	4.513	1.504		3.7~~76~~		27.396	9.132		3.7~~37~~	
										B.M. 21-55 (U.S. 3652 L-615) PACIFIC COAST Hwy & NEWTON ST. SEE F.B. 1391-54 FOR DESCRIPTION
										SUMMATION OF RUN B.M. 21-54 TO B.M. 21-55
										TOTAL BACKSIGHTS +46.835 TOTAL FORESIGHTS -69.974 DIFF IN ELEVATION -23.139
		46.835					69.974			

F.B. 1392 PG. 117

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

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

F.B. 1392 PG. 118

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:45 Rod No. 556

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-55 To B.M. 21-54
Date 2-2-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.495		109		#5	1.868		111		B.M. 21-55 (U.S. 3652 L-615)
	9.386		109			1.757		110		PACIFIC COAST HWY. & NEWTON ST
	9.277		218			1.647		221		SEE F.B. 1391-54 FOR
1	28.158	9.386		218	67°	5.272	1.757		221	
	8.850		115			1.512		107		
	8.685		115			1.405		107		
	8.570		230			1.298		214		
2	26.055	8.685		448		4.214	1.405		.435	
	8.778		111			1.888		110		
	8.667		112			1.778		108		
	8.555		223			1.670		218		
3	26.000	8.[illegible]		671		5.336	1.779		.653	
	8.971		133			2.124		131		
	8.838		135			1.993		129		
	8.703		268			1.864		260		
4	26.512	8.837		939		5.981	1.994		.913	
	8.540	35.575	147			2.759	6.935	147		
	8.393		147			2.612		143		
	8.246		294			2.469		290		
5	25.179	8.393		1.235		7.840	2.613		1.203	
		43.968					9.548			

F.B. 1392 PG. 119

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:30 TO 6:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-55 To B.M. 21-54
Date 2-2-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.273	43.968	215	1.235		3.562	9.548	213	1.203	
	8.058		213			3.349		213		
	7.845		428			3.136		426		
6	24.176	8.059		1.663		10.047	3.349		1.629	
	6.025		208			5.647		219		
	5.817		207			5.428		220		
	5.610		415			5.208		439		
7	17.452	5.817		2.078		16.283	5.428		2.068	
	4.027		212			6.736		212		
	3.815		214			6.568		214		
	3.601		426			6.354		426		
8	11.443	3.814		2.504		19.702	6.567		2.504	
	4.242		214			6.409		216		
	4.025		211			6.193		212		
	3.817		425			5.981		428		
9	12.067	4.029		2.929		18.583	6.194		2.922	
	3.330	2.687	220			8.657	[illegible]	224		
	3.110		217			8.433		222		
	2.893		437			8.211		446		
10	9.333	3.111		3.366		25.301	8.434		3.368	
		65.798					39.520			

F.B. 1392 PG. 120

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G.E. DREIER Time 1:30 TO 2:05 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-55 To B.M. 21-54
Date 2-2-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.330	68.798 ✓	203	3.366 ✓		8.456	37.520 ✓	197	3.368 ✓	
	2.127		200			8.259		197		
	1.927		403 ✓			8.062		394 ✓		
11	6.384 ✓	2.128 ✓		3.769 ✓	67°	24.777 ✓	8.259 ✓		3.762 ✓	
										B.M. 21-54 PARQUE PACIFIC COAST Hwy. & V STA DEL SEE F.B. 139[illegible]-53 FOR DESCRIPTION
										SUMMATION OF RUN B.M. 21-55 TO B.M. 21-54
										TOTAL BACKSIGHTS +70.926 ✓ TOTAL FORESIGHTS -47.779 ✓ DIFF IN ELEVATION +23.147 ✓
		70.926 ✓					47.779 ✓			

F.B. 1392 PG. 121

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1392 PG. 122										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather FOGGY Inst. No. 50010
Notes by G.E. DREIER Time 10:30 TO 12:00 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-56 To B.M. 21-59
Date 2-3-53
Indexed [redacted]

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
	3089		272			6371		273		B.M. 21-56 (U.S. 3814 A-768)
	2817		274			6098		271		PACIFIC COAST HWY AT STA. 91+00
	2543		546			5827		544		SEE F.B. 1391-55
1	8449	2816		546	60°	18296	6099		544	FOR DESCRIPTION
	5982		215			5870		214		
	4767		214			5656		214		T E. LANDA
	4553		429			5442		428		
2	14302	4767		975		16968	5656		972	
	4905		214			5703		210		
	4691		213			5493		212		
	4478		427			5275		422		
3	14074	4691		1402		16468	5489		1396	
	5477		216			4872		215		
	5261		212			4657		212		
	5049		428			4445		427		
4	15787	5262		1830		13974	4658		1823	
	5869		214			4809		215		
	5655		212			4594		211		
	5443		426			4383		426		
5	16967	5656		2256		13786	4595		2247	
		23192					26497			

F.B. 1392 PG. 123

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 12:00 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-56 To B.M. 21-59
Date 2-3-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.769 5.594 5.421	23.192	175 173 348	2.256		5.392 4.918 4.742	[illegible]	174 175 349	2.247	
6	16.784	5.595		2.604		14.753	[illegible]		2.596	
		28.787					[illegible]			B.M. 21-59 (TORRANCE J-12) PACIFIC COAST HWY 1080' W. OF OCEAN AVE. SEE F.B. 1391-56 FOR DESCRIPTION
	6.079 5.820 5.560		259 260 519			5.700 3.444 3.188		256 256 512		
7	17.459	5.820		3.123		12.232	3.144		3.108	
		34.607					34.859			B.M. 21-58 (W.S. 3653 R.615) PACIFIC COAST HWY AT STA. 112+00 SEE F.B. 1391-56 FOR DESCRIPTION
	4.442 4.288 4.135		154 153 307			4.200 4.040 3.880		160 160 320		
8	12.865	4.288		3.430		12.120	4.040		3.470	
		38.895					38.899			

F.B. 1392 PG. 124

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C. E. DREIER Weather CLEARING Inst. No. 50010
Notes by C. E. DREIER Time 10:30 TO 12:00 Rod No. 556

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-56 To B.M. 21-59
Date 2-3-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.031	38.895	158	2.430		4.888	38.871	159	3.4~~36~~ 28	
	4.873		155			4.729		159		
	4.718		313			4.570		318		
9	14.622	4.874		3.743		14.187	4.729		3.748	
	5.895		216			3.919		213		
	5.682		212			3.706		212		
	5.470		428			3.494		425	1	
10	17.050	5.683		4.171		11.119	3.706		4.173	
	6.859		215			2.533		212		
	6.644		213			2.321		211		
	6.431		428			2.110		423	4	
11	19.934	6.645		4.599		6.964	2.321		4.596	
	7.600		213			3.472		215		
	7.387		214			3.257		215		
	7.173		427			3.042		430	4	
12	22.160	7.387		5.026		9.771	3.257		5.026	
	7.726		213			3.338		214		
	7.513		211			3.124		210		
	7.302		424			2.914		424	48	
13	22.541	7.514		5.450		9.376	3.125		5.450	
		70.998					56.037			

F.B. 1392 PG. 125

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 12:00 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-56 To B.M. 21-59
Date 2-3-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6,893	70998 ✓	215	5450 ✓		5250	[illegible]37 ✓	212	5.5[illegible] 48 ✓	B.M. 21-59 (TORRANCE K-12)
	6678		215			5038		211		PACIFIC COAST HWY &
	6463		420 ✓			4827		423 ✓		HAWTHORNE AVE
14	20034 ✓	6,678 ✓		5880 ✓		15113 ✓	[illegible]38 ✓		5872 ✓	SEE F.B. 1391-57 FOR DESCRIPTION
										SUMMATION OF RUN B.M. 21-56 TO B.M. 21-59
										TOTAL BACKSIGHTS +77.676 ✓
										TOTAL FORESIGHTS −61.075 ✓
										DIFF IN ELEVATION +16.601 ✓
		77,676 ✓					61,075 ✓			

F.B. 1392 PG. 126

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather LIGHT FOG Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:10 Rod No. 506

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-59 To B.M. 21-56
Date 2-3-5[illegible]
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.255		212			6.8[illegible]		214		B.M. 21-59 (TORRANCE K-12)
	5.046		213			6.655		214		PACIFIC COAST HWY &
	4.833		425			6.471		428		HAWTHORNE AVE
1	15.137	5.046		425	59°	20.055	6.685		428	SEE F.B. 1391-57 FOR DESCRIPTION
	3.696		215			8.0[illegible]4		211		
	3.481		211			7.873		[illegible]		⊼ E. LANDA
	3.270		42[illegible]			7.660		424		
2	10.447	3.482		851		22.61[illegible]	7.872		852	
	[illegible]		213			7.[illegible]		213		
	3.288		216			7.418		[illegible]		
	3.072		426			7.[illegible]		428		
3	9.861	3.287	9	1,2~~27~~ 80		22.252	7.417		1,280	
	2.609		214			6.9[illegible]		214		
	2.395		211			6.719		213		
	2.184		425			6.5[illegible]		427		
4	7.188	2.396		70~~2~~ 5		20.158	6.719		1,707	
	3.859		213			5.8[illegible]		212		
	3.646		214			5.627		2[illegible]		
	3.432		427			5.415		424		
5	10.937	3.646		2,129 32		16.881	5.627		2,131	
		17.857					34.320			

F.B. 1392 PG. 127

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather LIGHT FOG Inst. No. 50010
Notes by G.E. DREIER Time 1:00 PM [illegible] Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-59 To B.M. 21-56
Date 2-3-53
Indexed [illegible]

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
	4.889	17.859	160	2.1~~29~~ 32		5.032	34.320	158	2.131	
	4.729		158			4.874		156		
	4.571		318			4.718		314		
6	14.189	4.730		2.4~~47~~ 50		14.624	4.875		2.445	
	4.217		162			4.458		156		
	4.055		160			4.302		152		
	3.895		322			4.150		308		
7	12.167	4.056		2.7~~69~~ 72		12.910	4.303		2.753	
		26.645					43.498			B.M. 21-58 (U.S. [illegible] K615) PACIFIC COAST HWY & STA. 112+00 SEE F.B. 1391-56 FOR DESCRIPTION
	3.684		255			6.067		263		
	3.429		255			5.804		260		
	3.174		510			5.544		523		
8	10.287	3.429		3.2~~79~~ 82		17.415	5.805		3.276	
										B.M. 21-57 TORRANCE PACIFIC COAST HWY, 1080' W. OF OCEAN AVE SEE F.B. 1391-56 FOR DESCRIPTION
		30.074					41.303			

F.B. 1392 PG. 128

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY-WINDY Inst. No. 50010
Notes by G. E. DREIER Time [illegible] 2'10 Rod No. 5[illegible]6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From P.M. 21-59 To P.M. 21-56
Date 2-3-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.131	30.074	174	3.2~~79~~ 82		5.809	49.303	174	3.276	
	4.957		174			5.635		175		
	4.783		348			5.460		349		
9	14.871	4.957		3.6~~27~~ 30		16.904	5.635		3.625	
	4864		212			5.921		211		
	4652		213			5.710		212		
	4439		425			5.498		423		
10	13.955	4.652		4.05~~2~~5		17.129	5.710		4.048	
	4907		215			5.511		213		
	4.692		213			5.298		215		
	4479		428			5.083		428		
11	14.078	4.693		4.95~~0~~3		15.892	5.297		4.476	
	5.664		212			4868		216		
	5.452		212			4.652		212		
	5.240		424			4440		428		
12	16.356	5.452		4.90~~4~~7		13.960	4.653		4.904	
	5798		216			4.909		217		
	5582		212			4692		213		
	5370		428			4479		430		
13	16.750	5.583		5.33~~2~~5		14.080	4.693		5.334	
		55.411					75.291			

F.B. 1392 PG. 129

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY - WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:10 Rod No. 516

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-59 To B.M. 21-56
Date 2-3-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.377	55.411	272	5332 5		3.094	[illegible]	274	5.334	B.M. 21-56 (U.S
	6.105		271			2.820		272		PACIFIC COAST HWY AT STA. 91+00
	5.834		543			2.548		546		SEE F.B. 1391-55
14	18.316	6.105		5878	59°	8.462	2.821		5880	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 21-59 TO B.M. 21-56
										TOTAL BACKSIGHTS +61.516
										TOTAL FORESIGHTS -78.112
										DIFF IN ELEVATION -16.596
		61.516					78.112			

F.B. 1392 PG. 130

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Hazy Inst. No. 50010
Notes by E. Landa Time 3:00 to 3:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-59 To B.M. 21-60
Date 2-3-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7006		215		#5	4453		212		B.M. 21-59 (U.S. 3 [illegible]
	6791		215			4041		214		[illegible]
	6578		428			3327		426		See F.B. 1391-57
1	20375	6.792		428	61°	12121	4.040		426	for [illegible]
	6055		206			2793		205		[illegible] G. E. Dreier
	5849		205			2588		206		
	5644		411			2382		411		
2	17548	5.849		839		7763	2.588		837	
	[illegible]		211			2901		212		
	6552		212			2659		212		
	6349		423			2477		424		
3	19655	6.552		1262		8067	2.689		1261	
	6343		212			3240		213		
	6131		212			3027		213		
	5919		424			2814		426		
4	18393	6.131		1686		9081	3.027		1687	
	7652		211			3587		216		
	7441		210			3371		213		
	7231		421			3158		429		
5	22324	7.441		2107		10116	3.372		2116	
		32.765					15.116			

F.B. 1392 PG. 131

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Hazy Inst. No. 50010
Notes by E. Landa Time 3:00 p.m. to 3:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-57 To B.M. 21-60
Date 2-3-53 L. C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7050	32.765	214	2107		3670	15.716	213	2116	
	6840		211			3457		210		
	6629		425			3247		423		
6	20523	6.841		2532		10374	3.458		2539	
	6552		212			3068		212		
	6340		212			2856		212		
	6128		424			2644		424		
7	19020	6.340		2956		8568	2.856		2963	
	7292		212			3443		212		
	7080		211			3231		211		
	6869		423			3020		423		
8	21241	7.080		3379		9694	3.231		3386	
	7191		213			3546		215		
	6978		215			3331		212		Ended Day 2-3-53 3:30
	6763		428			3119		427		
9	20932	6.977		3807		9996	3.332		3813	
	6104		211			4294		212		
	5893		210			4082		211		Began 2-4-53
	5683		421			3871		423		
10	17680	5893		4228	51°	12247	4082		4236	
		65.896					32.676			

F.B. 1392 PG. 132

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Overcast Inst. No. 50010
Notes by E. Lando Time 10:45 to 11:15 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-59 To B.M. 21-60
Date 2-4-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4881	65.896	215	4228		6522	32.675	212	4236	
	4666		214			6110		209		
	4452		429			5901		421		
11	13999	4666		4657		18333	6.111		4657	
	4999		209			6958		212		
	4790		209			6740		212		Summation of Run
	4581		418			6528		424		B.M. 21-59 to B.M. 21-60
12	14370	4.790		5075		20220	6.740		5081	
	3877		215			6890		213		Total Backsights = + 82.170
	3662		212			6677		211		Total Foresights = - 57.239
	3450		427			6466		424		Diff. in Elev. = + 24.931
13	10989	3.663		5502		20033	6.678		5505	
	3370		215			5244		209		B.M. 21-60 (X.767) (U.S. 3819)
	3155		214			5035		208		Pacific St. Hwy. at Sta. 170+43
	2941		429			4827		417		See F.B. 1391-58
14	9466	3.155		5931	52°	15106	5035		5922	for description
		82.170					57.239			

F.B. 1392 PG. 133

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

L. A. CO. PRECISE LEVEL NET

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. 1392 PG. 134										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C. E. Drazier Weather Partly Cloudy Inst. No. 50010
Notes by E. Landa Time 2:45 To 3:30 Rod No. 566

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-60 To B.M. 21-59
Date 2-4-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5178		211		#5	3302		215		B.M. 21-60 (U.S.S.B.M. x 767)
	4967		210			3087		211		Pacific Cst. Hwy & Sta. 170+03
	4757		421			2876		426		See F.B. 1311-58
1	14902	4.967		421	60°	9265	3.088		426	for description
	6691		211			3411		216		
	6280		211			3265		213		
	6069		422			3052		429		
2	18040	6.013		843		9778	3.259		1255	
	6932		212			4982		211		
	6720		211			4771		211		
	6509		423			4560		422		
3	20161	6.720		1266		14313	4.771		1277	
	6559		211			4918		216		
	6348		211			4702		213		
	5937		422			4489		429		
4	18844	6.148		1688		14109	4.703		1706	
	6271		212			6283		212		
	6259		211			6071		212		
	4848		423			5859		424		
5	17778	6.259		2111		18213	6.071		2130	
		28.374					21.899			

F.B. 1392 PG. 135

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Partly [illegible] Inst. No. 50010
Notes by E. Landa Time 2:45 to 3:[illegible] Rod No. 556

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-60 To B.M. 21-59
Date 2-4-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3511	28.374	212	2111		7158	21.399	215	2130	
	3299		212			6943		212		
	3087		424			6731		427		
6	9897	3.299		2535		20832	[illegible]		2557	
	3283		212			7131		211		
	3071		211			6920		212		
	2860		423			6708		423		
7	9214	3.071		2958		20759	6.920		2980	
	2979		212			6460		212		
	2767		211			6248		211		
	2556		423			6037		423		
8	8302	2.767		3381		18745	6.248		3403	
	3781		216			7155		208		
	3564		215			6947		208		
	3349		431			6739		416		
9	10694	3.565		3812		20841	6.947		3819	
	3569		213			7637		214		
	3356		213			7423		212		
	3143		426			7211		426		
10	10068	3.356		4238		22271	7.424		4245	
		44.432					56.382			

F.B. 1392 PG. 136

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Part foggy Inst. No. 50018
Notes by E. Landa Time 2:45 to 3:30 Rod No. 5 & 6

Name
Job No. 4923
From B.M. 21-60 To B.M. 21-59
Date 2-4-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3561	44432	211	4238 9		6665	56.392	213	4245	
	3350		212			6452		211		
	3138		423			6241		424		
11	10049	3.350		4664 2		19358	6.453		4664	
	3532		211			7397		214		Summation of Run
	3321		211			7183		212		
	3110		422			6971		426		B.M. 21-60 to B.M. 21-59
12	9963	3.321		5083 4		21551	7.184		5095	
	3465		206			6723		205		Total Backsights = +58.191
	3259		205			6518		206		Total Foresights = -13.118
	3053		414			6312		411		Diff. in Elev. = -24.927
13	9777	3.259	2	5494 6		19553	6518		5506	
	4046		218			6792		211		B.M. 21-59
	3828		216			6581		211		Pacific Stationery & Stationery
	3612		434			6371		422		See F.B. 1391-59
14	11486	3.829		5928 30	59°	19744	6.581		5928 7	for description
		58.191					13.118			

F.B. 1392 PG. 137

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1392 PG. 158										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. SREIER Weather FOGGY Inst. No. 50010
Notes by G. E. DREIER Time 11:20 TO 12:00 Rod No. 556

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-60 To B.M. 21-61
Date 2-4-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5156		116		#5	3510		120		B.M. 21-60 (U.S. 3818 X.767)
	5040		113			3390		121		PACIFIC COAST Hwy AT STA. 170+43
	4927		229			3269		241		SEE F.B. 1391-58
1	15123	5.041		229	52°	10169	3.390		241	FOR DESCRIPTION
										B.M. 21-60 A (U.S. 3818)
										PACIFIC COAST Hwy. AT STA. 170+43
										SEE F.B. 1391-58
										FOR DESCRIPTION
	2988		236			6357		224		
	2752		236			5833		234		TT E.L.A. 104
	2516		472			5589		468		
2	8256	2.752		701		17469	5.823		909	
	6210		148			4352		145		
	6062		144			4207		146		
	5918		292			4061		291		
3	18190	6.063		993		12620	4.207		1000	
	5720		141			3448		148		
	5560		142			3300		144		
	5418		283			3156		292		
4	16679	5.560		1276		9904	3.301		1292	
		19.416					16.721			

F.B. 1392 PG. 139

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DOEIER Weather Foggy Inst. No. 50010
Notes by G. E. DOEIER Time 1:20 TO 1:50 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-60 To B.M. 21-61
Date 2-4-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.941	19.416	216	1.276		2.688	10.721	208	1.292	
	7.723		215			2.479		209		
	7.518		431			2.281		417		
5	23.200	7.732		1.707		7.469	2.490		1.709	
	8.034		214			2.950		215		
	7.820		210			2.738		213		
	7.610		424			2.524		429		
6	23.464	7.821		2.131		8.212	2.738		2.138	
	6.371		213			3.450		209		
	6.158		210			3.241		213		
	5.948		423			3.058		422		
7	18.477	6.159		2.554		9.749	3.250		2.560	
	7.388		216			3.470		212		
	7.172		213			3.258		214		
	6.959		429			3.044		426		
8	21.519	7.173		2.983		9.772	3.258		2.987	
	7.203		211			3.650		214		
	6.992		212			3.436		213		
	6.780		423			3.223		427		
9	20.975	6.992		3.406	60°	10.309	3.436		3.410	
		55.294					30.912			

F.B. 1392 PG. 140

FORM 379 5M 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 1:45 Rod No. 586

Name L. A. CO. PRECISE LEVEL [redacted]
Job No. 4923
From B.M. 21-60 To B.M. 21-61
Date 2-4-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.486	55.244	213	3.406		5.522	31.912	213	3.414	
	6.273		213			5.309		215		
	6.060		426			5.094		428		
10	18.819	6.273		3.832	60°	15.925	5.308		3.838	
	4.640		216			5.341		213		
	4.424		213			5.128		211		
	4.211		429			4.917		424		SUMMATION OF RUN
11	13.275	4.425		4.261		15.386	5.129		4.262	B.M. 21-60 TO B.M. 21-61
	4.819		214			6.272		212		TOTAL BACKSIGHTS - 77.548
	4.605		212			6.060		211		TOTAL FORESIGHTS - 60.238
	4.393		426			5.849		423		DIFF. IN ELEVATION - 17.310
12	13.817	4.606		4.687		18.181	6.060		4.685	
	3.715		215			6.467		213		
	3.500		213			6.254		212		
	3.287		428			6.042		425		
13	10.502	3.501		5.115		18.763	6.254		5.113	
	3.662	[illegible]	214			5.780	[illegible]	205		B.M. 21-61 U.S. 3654 H 615
	3.448		212			5.575		205		PACIFIC COAST HWY AT STA. 210+57
	3.236		426			5.370		410		SEE F.B. 1392 - 59
14	10.346	3.449		5.541		16.725	5.575		5.525	FOR DESCRIPTION
		77.548					60.238			

F.B. 1392 PG. 141

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21- 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. 1392 PG. 142										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:45 TO 2:40 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-61 To B.M. 21-60
Date 2-4-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6399		208		#5	4280		211		B.M. 21-61 (U.S. 3654 H-615)
	6191		207			4069		212		PACIFIC COAST HWY AT STA 210+57
	5984		415			3857		423		SEE F.B. 1391-59 FOR
1	18574	6.191		415	590	12.206	4.069		423	DESCRIPTION
	7012		214			4260		212		
	6795		211			4048		213		⊼ E. LANDA
	6587		425			3835		425		
2	20397	6.799		840		12.143	4.048		845	
	6623		212			5.168		215		
	6411		212			4.953		213		
	6.199		424			4.740		428		
3	19.233	6.411		1.264		14.861	4.954		1.276	
	5334		213			4633		215		
	5.121		210			4.418		213		
	4.911		423			4205		428		
4	15.366	5.122		1.687		13.256	4.419		1.704	
	5540		211			6507		215		
	5329		215			6292		212		
	5114		426			6080		427		
5	15983	5.328		2.113		18.879	6.293		2.131	
		29.851					23.783			

F.B. 1392 PG. 143

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No. 50010
Notes by G. E. DREIER Time 1:45 TO 2:40 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4952
From B.M. 21-61 To B.M. 21-60
Date 2-4-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.558	2.985	216	2.113		7.110	2.788	211	2.131	
	3.342		212			6.899		208		
	3.130		428			6.691		419		
6	10.030	2.343		2.541		20.700	6.900		2.550	
	3.538		215			7.454		216		
	3.323		212			7.238		216		
	3.111		427			7.022		432		
7	9.972	3.324		2.968		21.714	7.238		2.982	
	4.093		214			6.981		212		
	2.879		210			6.768		213		
	3.669		424			6.555		425		
8	11.641	3.880		3.392		20.303	6.765		3.407	
	2.919		217			7.993		210		
	2.702		213			7.783		210		
	2.489		430			7.573		420		
9	8.110	2.703		3.822		23.349	7.783		3.827	
	2.539		211			7.781		212		
	2.328		210			7.569		211		
	2.118		421			7.358		423		
10	6.985	2.328		4.243		22.708	7.569		4.250	
		45.429					60.041			

F.B. 1392 PG. 144

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No. 50010
Notes by G. E. DREIER Time 1:45 10 2:40 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-61 To B.M. 21-60
Date 2-4-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.373	45.429	144	4.243		5.630	60.04	42	4.250	
	3.229		146			5.488		140		
	3.053		290			5.348		282		
11	9.685	3.228		4.533		16.466	5.489		4.532	
	4.340		147			6.195		146		SUMMATION OF RUN
	4.193		144			6.049		147		B.M. 21-61 TO B.M. 21-60
	4.042		291			5.902		293		TOTAL BACKSIGHTS + 61.696
12	12.582	4.194		4.824		18.146	6.049		4.825	TOTAL FORESIGHTS - 79.004
	5.898		236			2.828		238		DIFF. IN ELEVATION - 17.308
	5.662		232			2.590		234		
	5.430		468			2.356		472		
13	16.990	5.663		5.292		7.774	2.591		5.297	
		58.514					74.170			B.M. 21-60A (U.S. 3817)
										PACIFIC COAST HWY AT STA 170+43
										SEE F.B. 1391-58
										FOR DESCRIPTION
	3.302		120			4.948		115		B.M. 21-60 (U.S. 3817 X-757)
	3.182		121			4.833		113		PACIFIC COAST HWY AT STA. 170+43
	3.061		241			4.720		228		SEE F.B. 1391-58
14	9.545	3.182		5.533	68°	14.501	4.834		5.525	FOR DESCRIPTION
		61.696					79.004			

F.B. 1392 PG. 145

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

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

F.B. 1392 PG. 146

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 8:30 TO 10:20 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-61 To B.M. 21-64
Date 2-6-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.236		166		#5	3.888		168		B.M. 21-61 (U.S. 3654 H-615)
	5.070		162			3.720		167		PACIFIC COAST HWY. AT STA. 210+57
	4.908		328			3.553		335		SEE F.B. 1391-59
1	15.214	5.071		.328	66°	11.161	3.720		335	FOR DESCRIPTION
	5.370		172			4.813		173		
	5.198		173			4.640		173		T. E. LANDH
	5.025		345			4.467		346		
2	15.593	5.198		.673		13.920	4.640		.681	
	3.043		213			6.741		211		
	2.830		211			6.530		210		
	2.619		424			6.320		421		
3	8.492	2.831		1.097		19.591	6.530		1.102	
		13.100					14.890			B.M. 21-62 (U.S. 4645 J-748
										PACIFIC COAST HWY. AT OLD STRIP
										ENTRANCE TO LOMITA FIGHT
										SEE F.B. 1391-59 FOR DESCRIPTION
	5.694		153			6.545		153		
	5.541		149			6.392		151		
	5.392		302			6.241		304		
4	16.627	5.542		1.399		19.178	6.392		1.406	
		18.642					21.283			

F.B. 1392 PG. 147

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 8:30 TO 10:20 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-61 To B.M. 21-64
Date 2-6-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.178	8.642	134	1.399		5.785	21283	131	1.406	
	4.044		134			5.649		134		
	3.910		268			5.515		265		
5	12.132	4.044		1.667		16.944	5.648		1.671	
	2.075		216			7.574		213		
	1.859		216			7.361		212		
	1.643		432			7.149		425		
6	5.577	1.859		2.099		22.084	7.361		2.096	
	5.213		215			3.988		212		
	4.998		214			3.776		209		
	4.784		429			3.567		421		
7.	14.995	4.998		2.528		11.331	3.777		2.517	
	6.859		216			4.098		215		
	6.643		212			3.883		211		
	6.431		428			3.672		426		
8	19.933	6.644		2.956		11.653	3.884		2.943	
	6.718		211			4.057		217		
	6.507		208			3.840		216		
	6.299		419			3.624		433		
9	19.524	6.508		3.575		11.521	3.840		3.376	
		42.695					45.793			

F.B. 1392 PG. 148

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C.E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by C.E. DREIER Time 8:30 TO 10:20 Rod No. 596

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From P.M. 21-61 To P.M. 21-64
Date 2-6-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.668	42.695	237	3.375		4.029	45.793	234	3.376	
	6.431		234			3.795		235		
	6.197		471			3.560		469		
10	19.296	6.432		3.846		11.384	3.795		3.845	
	6.402		214			4.559		214		+ 50.355
	6.188		215			4.345		212		- 53.736
	5.973		429			4.133		426		+ 1.381
11	18.563	6.188		4.275		13.037	4.346		4.271	
		55.315					53.934			P.M. 21-63 (U.S. 3820 E-767) PACIFIC COAST HWY AT STA. 238+81.10 SEE F.B. 1391-60 FOR DESCRIPTION
	3.135		171			7.241		186		
	2.954		178			7.055		186		
	2.776		349			6.869		372		
12	8.865	2.955		4.624		21.165	7.055		4.643	
	3.332		172			7.259		175		
	3.160		171			7.084		172		
	2.989		343			6.912		347		
13	9.481	3.160		4.967		21.255	7.085		4.990	
		61.432					68.074			

F.B. 1372 PG. 147

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather PART-CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 8:30 TO 10:20 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-61 To B.M. 21-64
Date 2-6-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3263	61.430	213	4,967 7		7202	6.8074	211	4.990	
	3.050		212			6.991		210		
	2.838		425	10		6.781		421		
14	9.151	3.050		5.392		20.974	6.991		5.411	
	3.704		216			7.038		210		
	3.488		217			6828		209		
	3.271		433	3		6619		419		
15	10.463	3.488		5825		20.485	6.828		5830	
	3792		215			6622		213		
	3.577		213			6.409		209		
	3.364		428	6		6.200		422		
16	10.733	3.578		6253		19231	6.410		6.252	
	4,433		213			6574		214		
	4.220		211			6360		212		
	4.009		424	8		6148		426		
17	12.662	4.221		6.677		19082	6.361		6.678	
	4400		212			6108		214		
	4188		213			5894		212		
	3975		425	1		5682		426		
18	12.563	4.188		7.102		17.684	5.895		7.104	
		79.955					100.559			

F.B. 1392 PG. 150

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 8:30 TO 10:20 Rod No. 5 & 6

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-61 To B.M. 21-64
Date 2-6-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.057	79.955	216	7.192		5.177	100.559	216	7.104	
	4.241		212			4.961		212		
	4.029		428	4		4.749		428		
19	12.727	4.242		7.530		14.887	4.962		7.532	
	4.969		214			5.975		215		
	4.755		212			5.760		211		
	4.543		426	6		5.549		426		
20	14.267	4.756		7.956		17.284	5.761		7.958	
	4.919		148			3.162		144		B.M. 21-64 (U.S. 2701 S-99)
	4.771		145			3.018		146		PACIFIC COAST HWY AT HOUSE # 2015
	4.627		293	58		2.872		290		SEE F.B. 1391-61
21	14.317	4.772		8.249		9.052	3.017		8.248	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 21-61 TO B.M. 21-64
										TOTAL BACKSIGHTS + 93.725
										TOTAL FORESIGHTS − 114.299
										DIFF IN ELEVATION = −20.574
		93.725					114.299			

F.B. 1392 PG. 151

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1392 PG. 152										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50110
Notes by G. E. DREIER Time 9:30 To 11:15 Rod No. 59

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-64 To B.M. 21-61
Date 2-9-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.051		147		45	4.806		146		B.M. 21-64 (W.S. 2701 S-99)
	2.904		146			4.660		147		PACIFIC COAST HWY. AT HSE # 2015
	2.758		293			4.513		293		SEE F.B. 1391-61
1	8.713	2.904		293	63°	3.979	4.660		293	FOR DESCRIPTION
	5.922		213			4.920		216		
	5.709		211			4.704		212		A. E. LANDA
	5.498		424			4.492		428		
2	17.129	5.710		717		14.116	4.705		721	
	5.164		214			4.447		213		
	4.950		212			4.230		214		
	4.738		426			4.016		427		
3	14.852	4.951		1.143		12.693	4.231	31	1.148	50
	6.073		213			4.370		213		
	5.861		211			4.157		213		
	5.650		424	3		3.944		426		
4	17.584	5.861		1.569	6	12.471	4.157		1.574	8
	6.629		215			4.487		215		
	6.414		212			4.272		212		
	6.202		427			4.060		427		
5	19.245	6.415		1.993	3	12.819	4.273		2.004	5
		25.841					22.526			

F.B. 1392 PG. 152

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 9:30 TO 11 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-64 To B.M. 21-61
Date 3-9-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.619	25.841	212	1.994 3		3.789	22.026	215	2.004 5	
	6.407		209			3.574		213		
	6.198		421	4		3.361		428	33	
6	19.224	6.408		2.415		10.724	3.575		2.429	
	7.098		215			3.756		215		
	6.883		212			3.541		213		
	6.671		427	1		3.328		428	61	
7	20.652	6.884		2.842		10.625	3.542		2.857	
	7.173		211			3.239		215		
	6.962		208			3.024		214		
	6.754		419	0		2.810		429	90	
8	20.889	6.963		3.264		9.073	3.024		3.286	
	7.259		174			3.333		173		
	7.085		172			3.160		171		
	6.913		346	6		2.959		344	4	
9	21.257	7.086		3.607		9.482	3.164		3.630	
	7.300	3.182	191			3.185	3.228	178		+60.291
	7.109		190			3.007		176		-38.336
	6.919		381	7		2.831		354	8	+21.955
10	21.328	7.109		3.988		9.023	3.008		3.984	
		60.291					38.336			

F.B. 1392 PG. 154

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50016
Notes by G.E. DREIER Time 9:30 TO 11:15 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-64 To B.M. 21-61
Date 2-9-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		60.391		3.986			38.336		3.984	B.M. 21-63 (U.S. 3820 E-767) PACIFIC COAST HWY AT STA. 238+81.10 SEE F.B. 1391-60
11	4535 4321 4110 12966	4.322	214 211 425	4.413		6379 6163 5949 18491	6164	216 214 430	4.414	
12	4079 3847 3613 11539	3.846	232 234 466	4.879		6720 6483 6250 19453	6484	237 233 470	4.884	
13	4110 3895 3682 11687	3.896	215 213 428	5.307		6773 6560 6349 19682	6561	213 211 424	5.32[illegible]	
14	4126 3913 3701 11740	3.913	213 212 425	5.732		6890 6675 6460 20025	6675	215 215 430	5.738	
		76.268					64.220			

F.B. 1392 PG. 155

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9.30 TO 11.5 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-64 To B.M. 21-61
Date 2-9-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.937	76.268	212	5.73~~2~~ 1		5.161	64.220	216	5.7~~38~~ 42	
	3.725		210			4.945		214		
	3.515		422			4.731		430		
15	11.177	3.726		6.15~~4~~ 3		14.837	4.946		6.1~~68~~ 72	
	7.587		213			2090		217		
	7.374		213			1.873		214		
	7.161		426			1659		431		
16	22.122	7.374		6.5~~80~~ 79		5.622	1.874		6.~~599~~ 603	
	5.771		132			4168		136		
	5.639		130			4.032		132		
	5.509		262			3.900		268		
17	16.919	5.640		6.84~~2~~ 1		12.100	4.033		6.8~~67~~ 71	
	6674		156			5819		150		+99.526
	6518		156			5669		149		-80.742
	6362		312			5520		299		+18.784
18	19.554	6518		7.15~~4~~ 3		17.008	5.669		7.1~~66~~ 70	
										B.M. 21-62 (U.S. 4645 J-748) PACIFIC COAST HWY AT AT OLD ENTRANCE TO LOMITA FLIGHT STRIP SEE F.B. 1391-59 FOR DESCRIPTION
		99.526					80.742			

F.B. 1392 PG. 156

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 11:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-64 To B.M. 21-61
Date 2-9-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.760	99.526 ✓	211	7.154 3		3.060	80.742 ✓	211	7.166 70	
	6.549		211			2.849		210		
	6.338		422 ✓	5		2.639		421 ✓	91	
19	19.647 ✓	6.549 ✓		7.576 ✓		8.548 ✓	2.849 ✓		7.587	
	5.342		174			5.901		173		
	5.168		172			5.728		171		
	4.996		346 ✓	1		5.557		344 ✓	5	
20	15.506 ✓	5.169 ✓		7.922		17.186 ✓	5.729 ✓		7.937	
	3.904		168			5.247		165		B.M. 21-61 (U.S. 3654 H-615)
	3.736		167			5.082		161		PACIFIC COAST Hwy AT STA. 210+5'
	3.569		335 ✓	6		4.921 ✓		326 ✓	61	SEE F.B. 1391-59
21	11.209 ✓	3.736 ✓		8.257	68°	15.250 ✓	5.083 ✓		8.257	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 21-64 TO B.M. 21-61
										TOTAL BACKSIGHTS + 114.980 ✓
										TOTAL FORESIGHTS - 94.403 ✓
										DIFF IN ELEVATION + 20.577 ✓
		114.980 ✓					94.403 ✓			

F.B. 1392 PG. 157

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

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

F.B. 1392 PG. 158

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Part Cloud Inst. No. 50010
Notes by E. Landa Time 10:20 to 1:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-64 To B.M. 21-67
Date 2-6-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	-0121		199		#5	7173		195		B.M. 21-64 (U.S. 2701 S-99)
	-0320		199			6978		196		Pacific Cst. Hwy at Fe #2015
	-0519		398			6782		391		See F.B. 1391-61
1	-0960	-0320		398	77°	20933	6.978		391	for description
	3001		212			8210		213		
	2789		214			7997		212		⋆ G.E. Dreier
	2575		426			7785		425		
2	8365	2.788		824		23992	7.997		816	
	2909	+2.468	215			6959		211		
	2690		213			6748		211		
	2481		428			6537		422		
3	8084	2.695		1252		20244	6.748		1238	
	3903		211			7013		211		
	3692		211			6802		211		
	3481		422			6591		422		
4	11076	3.692		1674		20406	6.802		1660	
	3885		212			7699		211		
	3673		211			7488		210		
	3462		423			7278		421		
5	11020	3.673		2097		22465	7.488		2081	
		12.528					36.013			

F.B. 1392 PG. 159

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Part Cloudy Inst. No. 50010
Notes by E. Landa Time 10:20 to [illegible] Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-64 To B.M. 21-67
Date 2-6-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3360	12.528	211	2097		7809	36.013	212	2081	
	3149		211			7597		214		
	2938		422			7383		426		
6	9447	3.149		2519		22789	7.596		2507	
	2853		211			8036		210		
	2642		213			7826		211		
	2429		424			7615		421		
7	7924	2.641		2943		23477	7.826		2928	
	4061		211			6274		212		
	3850		211			6062		212		
	3639		422			5850		424		
8	11550	3.850		3365		18186	6.062		3352	
		22.168					57.497			B.M. 21-65 (U.S. 3655)(G.615) Pacific Cst. Hwy & Western Ave See F.B. 1391-62 for description
	4949		78			6820		75		
	4871		78			6745		75		
	4793		156			6670		150		
9	14613	4.871		3521		20235	6.745		3502	
		27.039					64.242			

F.B. 1392 PG 160

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Part Cloudy Inst. No. 50010
Notes by E. Landa Time 10:20 to 1:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-64 To B.M. 21-67
Date 2-6-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		27.039		3521			64.242		3502	B.M. 21-66 (City Mon. ℄) Pacific Cst. Hwy & Western Ave See F.B. 139-62 for description
	4707		175			5957		177		
	4532		174			5780		175		
	4358		349			5605		352		
10	13597	4.532		3870		17342	5.781		3854	
	4393		179			6357		190		
	4214		179			6167		189		
	4035		358			5978		379		
11	12642	4.214		4228		18502	6.167		4233	
	4402		211			6843		212		
	4191		212			6631		212		
	3979		423			6419		424		
12	12572	4.191		4651		19893	6.631		4657	
	4337		215			6938		211		T.P. C.S. 1565 Pacific Cst. Hwy & President Ave N.E. Cor. Bt. Sp. in Co. 9'E of Co. ret.
	4122		214			6727		210		
	3908		429			6517		421		
13	12367	4.122		5080		20182	6.727		5078	
		44.098					89.548			

F.B. 139 X PG. 161

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Part Cloudy Inst. No. 50010
Notes by E. Landa Time 10:20 to [illegible] Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-60 To B.M. 21-67
Date 2-6-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4093	64.098	213	5080		8159	89.548	213	5078	
	3880		211			7946		213		
	3669		424			7733		426		
14	11642	3.881		5504		23838	7.946		5504	
	0610		161			11417		164		
	0449		161			11253		161		
	0288		322			11092		325		
15	1347	0.449		5826		33762	11.254		5829	
	0847		150			11883		145		
	0697		147			11738		145		
	0550		297			11593		290		
16	2094	0.698		6123		35214	11.738		6119	
	0992	[illegible]	144			[illegible]		145		
	0848		146			6524		144		
	0702		290			6380		289		
17	2542	0.847		6413		19573	6.524		6408	
	4619		147			5103		146		
	4472		144			4957		146		
	4328		291			4811		292		
18	13419	4.473		6704		14871	4.957		6700	
		54.446					131.967			

F.B. 1392 PG. 162

FORM 379 5M 9-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C. E. Dreier Weather Part Cloudy Inst. No. 52010
Notes by E. Landa Time 10:20 to 1:45 Rod No. 5&6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-64 To B.M. 21-67
Date 2-6-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5915	54.446	164	6704		2617	131.967	164	6700	T.P. C.S. 1562
	5751		163			2453		162		Pacific Cst. Hwy & Bramton Ave.
	5588		327			2291		326		N.E. Cor. Bl. Sp. in Co. 17' E
19	17254	5.751		7031		7361	2.454		7026	of E. and C.R.
	7779	52.197	217			4279	54.121	220		
	7561		217			4059		220		Summation of Run
	7344		435			3839		440		B.M. 21-64 - to B.M. 21-67
20	22684	7.561		7466		12177	4.059		7466	
	6126		144			4928		143		Total Backsights = 79.360
	5982		142			4785		142		Total Foresights = -148.576
	5840		286			4643		295		Diff in Elev. = -69.216
21	17948	5.983		7752		14356	4.785		7761	
	5765		146			5459		148		B.M. 21-67 (City of L.A., Wilmington) A-2
	5619		146			5311		148		Pacific Cst. Hwy & Normandie
	5473		292			5163		296		See F.B. 1391-63
22	16857	5.619		8044		15933	5.311		8057	for description
		79.360					148.576			

F.B. 1392 PG 163

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1592 PG. 164										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 1:45 to 3:10 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-67 To B.M. 21-64
Date 2-6-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5512		148		#5	5816		144		B.M. 21-67 (Wil. 4-2) [illegible]
	5364		147			5672		144		Pacific St. Hwy & Normandie
	5217		295			5528		288		See F.B. 391-63
1	16093	5.364		295	87°	17016	5.672		288	for descri
	4957		142			6157		146		
	4815		141			6011		145		⊼ G.E. Dreier
	4674		283			5868		289		
2	14446	4.815		578		18036	6.012		577	
	4300		221			7800		219		T.P. C.S. 1562
	4079		220			7581		219		Pacific St. Hwy. & Fremont Ave
	3859		441			7362		438		N.E. Cor. St. Sp. in Co. 17' E
3	12238	4.079		1019		22743	7.581		1015	of E. and C.R.
	2534	14.238	162			5833	10.265	163		
	2372		162			5670		163		
	2210		324			5507		326		
4	7116	2.372		4 1323		17010	5.670		1341	
	5766		146			5281		146		
	5620		145			5135		145		
	5475		291			4990		291		
5	16861	5.620		3 1634		15406	5.135		1632	
		22.250					30.070			

F.B. 1392 PG. 165

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 1:45 to 3:00 Rod No. 566

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-67 To B.M. 21-64
Date 2-6-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6622	22.250	144	1634 3		0963	21.070	146	1632	
	6498		145			0817		146		
	6353		289			0671		292		
6	19493	6.498		1973		2451	0.817		1924	
	11852		145			0816		149		
	11707		145			0667		149		
	11562		290			0518		298		
7	35121	11.707		2203 1		2001	0.667		2222	
	11533		162			0725		162		
	11371		163			0563		160		
	11208		325			0403		322		
8	34112	11.371		2528 3		1691	0.564		2544	
	8646		215			4381		213		T.P. C.S. 1565
	8431		214			4368		215		Granite Cut. Line of Pacific Ave
	8217		429			4153		428		N.E. Cor. Bd Sp. in 6.9' E
9	25794	8.431		2957 6		13102	4.367		2972	of Cut. Rec.
	6973	60.257	212			4370	43.885	213		
	6761		211			4157		213		
	6550		422			3944		426		
10	20284	6.761		3379 3 10		12471	4.157		3398	
		67.018					40.642			

F.B. 1392 PG. 166

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 1:45 To 3:10 Rod No. 5&6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-67 To B.M. 21-66
Date 2-6-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6863	67.018	218	33~~79~~ 90		4412	40.642	215	3398	
	6665		216			4207		206		
	6429		434			4001		421		
11	19937	6.646		38~~13~~ 24		12620	4.207		38~~19~~ 0	
	6463		184			4511		184		
	6279		184			4327		185		
	6095		368			4142		369		
12	18837	6.279		41~~81~~ 92		12980	4.327		41~~88~~ 7	
	5969		178			4720		174		
	5791		176			4546		174		
	5615		354			4372		348		
13	17375	5.792		45~~36~~ 46		13638	4.546		45~~36~~ 2	
		85.735					53.722			B.M. 21-66 City Mon. ℄ Pacific Est. Hwy & Western Ave. See F.B. 139-62 for description
	6812		75			4940		77		
	6737		75			4863		77		
	6662		140			4786		154		
14	20211	6.737		46~~75~~ 96		14589	4.863		46~~90~~ 8	
		92.472					58.585			

F.B. 1392 PG. 167

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: C. E. Dreier Weather: Clear Inst. No. 50010
Notes by: E. Lancla Time: 1:45 to 3:10 Rod No. 5.6.6

Name: L. A. CO. PRECISE LEVEL NET
Job No. 4923
From: B.M. 21-67 To: B.M. 21-64
Date: 2-6-53
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		9.2472		46 ~~75~~ 96			4.0515		46 20 8	B.M. 21-65 (U.S. 3655 B 1973) Sunset Blvd. Hwy. & Western Ave. See F.B. 1391-62 for description
	6237		213			4021		209		
	6024		212			3812		209		
	5812		425			3603		416		
15	18073	6.024		51 ~~80~~ 21		11436	3.812		5 ~~81~~ 21	
	8063		210			2879		213		
	7853		209			2666		213		
	7644		419			2453		420		
16	23560	7.853		55 ~~79~~ 40		7998	2.666		55 ~~34~~ 40	
	7901		216			3407		209		
	7685		215			3198		207		
	7470		431			3031		416		
17	23056	7.685		59 ~~50~~ 71		9716	3.239		59 ~~50~~ 4	
	7648		212			3830		212		
	7436		211			3618		211		
	7225		423			3407		423		
18	22309	7.436		63 ~~73~~ 94		10855	3.618		63 ~~73~~ 6	
		21.478					71.920			

F.B. 1392 PG. 168

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: C.E. Drazier Weather: Clear Inst. No.: 50001
Notes by: E. Lundin Time: 1:45 to 3:10 Rod No.: 556

Name: L.A. CO. PRECISE LEVEL NET
Job No.: C223
From: B.M. 21-67 To: B.M. 21-64
Date: 2-6-53
Indexed: L.C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6999	121.470	212	~~6373~~ 94		3890	71.920	213	6373 6	
	6787		212			3677		212		
	6575		424	6818		3465		425	8	
19	20361	6.787		~~6794~~		11032	3.677		6798	
	6928		216			2870		211		Summation of Run
	6712		213			2659		210		B.M. 21-67 to B.M. 21-64
	6499		429	47		2449		421	0	
20	20139	6.713		7244		7978	2.659		7249	
	8230		213			3017		214		Total Backsight = 150.091
	8017		213			2803		211		Total Foresight = 80.862
	7804		426	73		2592		425	3	diff. in Elev. = 69.229
21	20051	8.017		7644		8412	2.804		7644	
	7294		196			9000	-8.060	198		B.M. 21-64 (15.291) (5-99)
	7103		193			8198		197		Reile Cst. Alum Bo-ss = 2015
	6910		389	62		8395		395	2	-12.5, B 159-21
22	21312	7.104		8044	87°	0593	0.198		8038	-or des.
		150.091					80.862			

F.B. 1392 PG. 169

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

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

F.B. 1392 PG. 170

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C. E. TREIER Weather CLEAR Inst. No. 50010
Notes by R. J. HEMPFLING Time 9:30 TO [illegible] Rod No. 596

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-64 To B.M. 21-65
Date 2-13-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.139		201		#5	7.154		195		B.M. 21-64 (U.S. 2701 S-99)
	0.340		199			6.959		197		PACIFIC COAST HWY AT HSE 2015
	0.539		400			6.762		392		SEE F.B. 1391-61
1	1.018	-0.339		400	70°	20.875	6.958		392	FOR DESCRIPTION
	2.967		214			8.178		215		
	2.753		212			7.963		211		X E. LANDA
	2.541		426			7.752		426		
2	8.261	2.754		826		23.893	7.964		818	
	2.054	+2.415	247			6.105		246		
	1.807		245			5.859		242		
	1.562		492			5.617		488		
3	5.423	1.808		1318		17.581	5.860		1306	
	3.900		211			7.012		213		
	3.689		211			6.799		211		
	3.478		422			6.588		424		
4	11.067	3.689		1740		20.399	6.800		1730	
	3.839		216			7.651		213		
	3.623		212			7.438		210		
	3.411		428			7.228		423		
5	10.873	3.624		2168		22.317	7.439		2153	
		11.536					35.02			

F.B. 1392 PG. 171

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R.J. HEMPFLING Time [illegible] Rod No. 5 + 6

Name [illegible]
Job No. 4923
From B.M. 21-64 To B.M. 21-65
Date 2-13-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.341	11.536	211	2.168		7.793	35.021	215	2.153	
	3.130		210			7.578		211		
	2.920		42			7.367		426		
6	9.391	3.130		2.589		22.738	7.579		2.579	
	2.760		216			7.948		212		
	2.546		212			7.736		211		
	2.334		428			7.525		423		
7	7.640	2.547		3.619		23.209	7.736		3.002	
	4.225		213			6.442		215		B.M. 21-65 (U.S. 3655 G-615)
	4.012		210			6.227		212		PACIFIC COAST HWY & WESTERN AVE
	3.802		423			6.010		432		SEE F.B. 1591-62
8	12.639	4.013		3.440	72°	18.679	6.226		3.434	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 21-64 TO B.M. 21-65
										TOTAL BACKSIGHTS + 21.226
										TOTAL FORESIGHTS − 56.562
										DIFF IN ELEVATION − 35.336
		21.226					56.562			

F.B. 1392 PG. 172

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: G.E. Dreier Weather: Clear Inst. No.: 50010
Notes by: E. Lumber Time: 11:30 to 2:00 Rod No.: 586

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 4923
From: B.M. 21-67 To: B.M. 5-68
Date: 2-9-53
Indexed: ~~L.~~ C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5808		091		45	4897		97		B.M. 21-67 City Mon. &
	5717		093			4800		97		Pacific Cst. Hwy & Normandie Av
	5624		184			4703		194		See F.B. 1891-63
1	17149	5.716		184	68°	14300	4.800		194	for description
										B.M. 21-68 (U.S. 4916 Y-780)
										Pacific Cst. Hwy & Normandie Av
										See F.B. 1891-63
										for description
	5603		52			6244		57		TT G.E. Dreier
	5551		52			6187		57		
	5499		104			6129		115		
2	16653	5.551		288		18560	6.187		309	
	4703		216			8062		209		
	4487		216			7853		206		
	4271		432			7647		415		
3	13461	4.487		720		23562	7.854		724	
	0659		215			9500		212		
	0444		211			9288		212		
	0235		426			9076		424		
4	13400	0.447		1140		27864	9.288		1148	
		16.201					28.129			

F.B. 1372 PG. 173

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Cle Inst. No. 50010
Notes by E. Landa Time 11:30 to 2:00 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-67 To B.M. 5-48
Date 2-9-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		16.201		1144			129		1148	
	0713		211			1362		215		
	0502		209			9147		214		
	0293		420			8933		429		
5	1508	0.503		1564		27442	9.147		1577	
	2552		210			8179		212		
	2342		210			7967		214		
	2132		420			7753		426		
6	7026	2.342		1984		23899	7.966		2003	
	5753		155			5858		150		
	5598		156			5704		151		1 Hr. for Lunch
	5442		311			5553		305		
7	16793	5.598		2295	68	17115	5.705		2308	
	5185		154			6152		154		
	5031		153			5998		154		
	4878		307			5844		308		
8	15094	5031		2602		17994	5.998		2616	
										T.B.M. G.S.P. in N.E. Cor. Catch Basin at N.W. End C.R. Pacific Cst. Hwy & Vermont Ave. S.W. Cor.
		29.675					56.945			

F.B. 1392 PG. 174

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Lande Time 11:30 to 2:00 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-67 To B.M. 5-48
Date 2-9-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4893	29.675	217	2602		4847	50.925	225	2616	
	4676		216			4622		222		
	4460		433			4400		447		
9	14029	4.676		3035		13869	4.623		3063	
	6532		219			2298		215		
	6313		215			2083		213		
	6098		434			1870		428		
10	18943	6.314		3469		6251	2.084		3491	
	7312		[illegible]			1801		212		
	7103		211			1589		212		
	6892		422			1377		424		
11	21309	7.103		3891		4767	1.589		3915	
	9975		218			1111		211		
	9757		218			0900		211		
	9539		436			0689		422		
12	29271	9.757		4327		2700	0.900		4337	
	9891		214			1838		212		
	9677		216			1626		213		
	9461		430			1413		425		
13	28029	9.676		4757		4877	1.626		4762	
		67.201					67.767			

F.B. 1392 PG. 175

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C. E. Drew Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:30-10 2[illegible] Rod No. 5&6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4723
From B.M. 21-67 To B.M. 5-48
Date 2-9-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7487	67.201	213	4757		4211	[illegible]	213	4762	
	7274		210			3998		214		Summation of Run
	7064		423			3784		427		B.M. 21-67 to
14	21825	7.275		5180		11993	3.998		5189	
	4950		213			7912		212		
	4737		212			7700		212		Total Backsights = 81.673
	4525		425			7488		424		Total Foresights = 93.152
15	14212	4.737		5605		23100	7.700		5613	Diff. in elev. = 11.479
	1615		214			8999		209		
	1401		210			8790		211		
	1191		424			8579		420		
16	4207	1.402		6029		26368	8.789		6033	
	1298		240			5146		248		B.M. 5-48 N.W. Cor.
	1058		240			4898		249		Lomita & Vermont
	0818		480			4650		497 6		See F.B. 1206-44
17	3174	1.058		6509	67°	14694	4.898		6529	
		81.673					93.152			

F.B. 1392 PG. 176

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: G. E. Dreier Weather: clear Inst. No. 50010
Notes by: E. Landa Time: 2:00 to 3:10 Rod No. 5&6

Name: **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 5-48 To B.M. 21-67
Date 2-9-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5125		248		#5	1278		240		B.M. 5-48 N.W. Cor
	4877		246			1038		240		Lomita & Vermont Ave.
	4631		494			0798		480		See F.B. 1206-44
1	14633	4.878		494	67°	3114	1.038		480	for description
	9279		210			1897		213		
	9069		210			1684		211		✱ G. E. Dreier
	8859		420			1473		424		
2	27207	9.069		914		5054	1.685		904	
	7945		213			4978		215		
	7732		212			4763		213		
	7520		425			4550		428		
3	23197	7.732		1339		14291	4.764		1332	
	4297		214			7577		211		
	4083		211			7367		215		
	3872		425			7152		426		
4	12252	4.084		1764		22097	7.366		1758	
	1203		213			9250		215		
	0990		213			9035		213		
	0777		426			8822		428		
5	2970	0.990		2190		27107	9.036		2186	
		26.753					23.889			

F.B. 1392 PG. 177

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 2:00 to 3:00 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-48 To B.M. 21-67
Date 2-9-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1033	26.753	215	2190		9892	23.[illegible]	214	2186	
	0818		215			9678		216		
	0603		430			9462		430		
6	2454	0.818		2620		29032	9.677		2616	
	1788		211			7301		211		
	1577		213			7090		212		
	1364		424			6878		423		
7	4729	1.576		3044		21269	7.090		3039	
	3011		212			7247		216		
	2799		212			7031		212		
	2587		424			6819		428		
8	8397	2.799		3468		21097	[illegible]		3467	
	4923		225			4966		217		
	4698		225			4749		213		
	4473		450			4536		430		
9	14094	4.698		3918		14251	4.750		3897	
										T. B. M. C. Sp. in N.E. Cor. Catch Basin at W. Bnd. C.R. Pacific Sta. Hwy. & Vermont Ave. S.W. Cor.
		36.644					52.438			

F.B. 1392 PG 178

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 2:00 to 3:10 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 5-47 To B.M. 21-67
Date 2-9-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6163	36.604	154	3918		5199	52.438	154	3897	
	6009		155			5045		153		
	5854		309			4892		307		
10	18026	6.004		4227		15136	5.045		4204	
	5[illegible]		152			5664		154		
	5620		152			5510		156		
	5[illegible]		304			5354		310		
11	16860	5.620		4531		16528	5.509		4514	
	8077		214			[illegible]460		209		
	7873		213			2251		[illegible]		
	7660		427			2040		420		
12	23620	7.873		4958		6751	2.250		4934	
	9320		209			0681		216		
	9111		207			0465		215		
	8904		416			0250		431		
13	27335	9.112		5374		1396	0.465		5365	
	9835		211			0997		215		
	9624		208			0782		212		
	9416		419			0570		427		
14	28875	9.625		5793		2349	0.783		5792	
		74.883					66.490			

F.B. 1392 PG. 179

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: C.E. Drexler Weather: Clear Inst. No.: 50010
Notes by: E. Landa Time: 2:00 to 3:00 Rod No.: 566

Name: **L. A. CO. PRECISE LEVEL NET**
Job No.: 4923
From: B.M. 5-48 To: B.M. 21-67
Date: 2-9-53
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8241	14.883	212	5793		4673	22.490	213	5792	
	7985		212			4460		210		Summation of Run
	7611		424			4250		423		B.M. 5-48 to B.M. 21-67
15	23490	7.820		6217		13375	8.466		6215	
	6267	1.257	58			5638		56		Total Backsights 93.765
	6207		54			5576		56		Total Foresights 92.287
	6153		108			5520		112		Diff. in Elev. + 11.478
16	18627	6.207		6325		16728	5.576		6327	
		88.920					76.527			B.M. 21-68 (U.S. disk Y-780)
										Pacific Cst. Hwy & Normandie
										See F.B. 1391-23
										for Clos.
	4936		93			5662		86		B.M. 21-67 (City of L.A. W.O. 4-2)
	4845		93			5760		85		Pacific Cst. Hwy. & Normandie
	4752		172			5675		171		See F.B. 1391-23
17	16533	6.145		6511	46°	17097	5.660		6498	for Clos.
		93.765					92.287			

F.B. 1392 PG. 180

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R.J. HEMPFLING Time 11-20 - 3:30 Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-48 To B.M. 5-47
Date 2-10-53
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.371		209		#5	10.660		212		B.M. 5-48
	1.162		211			10.447		215		LOMITA BLVD & VERMONT AVE
	0.951		420			10.232		428		SEE F.B. 1206-44
1	3.484	1.161		420		31.339	10.446		428	FOR DESCRIPTION
	1.191		212			8.863		214		
	0.979		210			7.649		214		π E. LANDA
	0.765		422			7.435		428		
2	2.939	0.980		842		22.947	7.649		856	
	4.378		211			5.065		213		
	4.167		215			4.852		213		
	3.952		426			4.639		426		
3	12.497	4.166		1268		14.556	4.852		1282	
	6.860		212			3.732		213		
	6.648		211			3.519		216		
	6.437		423			3.303		429		
4	19.945	6.648		1691		10.554	3.518		1711	
	6.765		213			3.944		213		
	6.752		212			3.731		212		
	6.540		425			3.519		425		
5	20.257	6.752		2116		11.194	3.731		2136	
		19.707					30.196			

F.B. 1372 PG. 181

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R.J. HEMPELING Time 11:20 - 3:30 Rod No. 5806

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-48 To B.M. 5-47
Date 2-10-53
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.795	19.707	214	2116		3.754	30.196	214	2136	
	6.581		213			3.540		212		
	6.368		427	2543		3.328		426	2562	
6	19.744	6.581				10.622	3.541			
	6.728		216			4.042		215		
	6.512		212			3.827		214		
	6.300		428	2972		3.613		429	2991	
7	19.540	6.513				11.482	3.827			
	7.275		213			4.289		213		
	7.062		212			4.076		212		
	6.850		425	3392		3.864		425	3416	
8	21.187	7.062				12.229	4.076			
	6.810		192			4.925		193		
	6.618		188			4.732		190		
	6.430		380	3777		4.542		383	3799	
9	19.858	6.619				14.199	4.733			
	5.798		215			4.917		218		
	5.583		213			4.699		215		
	5.370		428	4205		4.484		433	4232	
10	16.751	5.584				13.100	4.700			
		52.066					51.072			

F.B. 1392 PG. 182

3

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R.J. HEMPELING Time 11:20 - 3:30 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 5-48 To B.M. 5-47
Date 2-10-53
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6099	52.066	220	4.205 4		5371	51.077 3	209	4.232	
	5879		218			5162		209		
	5661		438			4953		418		
11.	17639	5.880		4.643 2		15486	5.162		4.650	
	2611		215			10.284		212		
	2396		215			10.072		212		
	2181		430			9.860		424		
12	7188	2.396		5.073 2		30.216	10.072		5.074	
	1.480		211			73.16		216		
	1.269		211			71.00		212		
	1.058		422			68.88		428		
13	3.807	1.269		5.495 4		21.364	7.101		5.502	
	7624		190			0.577		169		
	7434		191			0.408		168		
	7243		381			0.240		337		
14.	22301	7.434		5.876 5		1.225	0.408		5.839	
	10.202		212			29.57		235		
	9990		213			29.92		236		
	9777		425			24.56		471		
15.	29969	9.990		6.304 0		80.75	26.93 3		6.310	
		29.035					26.508			

F.B. 1392 PG. 183

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. J. HEMPFLING Time 11:20 - 3:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4928
From B.M. 5-48 To B.M. 5-47
Date 2-10-53
Indexed [illegible]

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
	5.703	79.035	188	6.307		4.538	76.508	187	6.310	
	5.515		188			4.347		190		
	5.327		376			4.157		377		
16.	16.545	5.515		6.679		13.042	4.347	81	6.679	
	5.665		196			5.335		193		B.M. 5-47
	5.469		196			5.142		191		LOMITA BLVD & MAIN ST.
	5.273		392			4.951		384		SEE F.B. 1266-44
17.	16.407	5.469		7.068		15.428	5.143		7.073	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 5-48 TO B.M. 5-47
										TOTAL BACKSIGHTS = + 90.019
										TOTAL FORESIGHTS = − 85.998
										DIFF. IN ELEV. = + 4.021
		90.019					85.998			

F.B. 1392 PG. 184

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:10 To Rod No. 5-86

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 5-47 To BM 5-48
Date 2-11-53
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5295		193		#5	5626		196		B.M. 5-47
	5102		192			5430		193		LOMITA BLVD & MAIN ST
	4910		385			5237		389		SEE F.B. 1206-44
1	15307	5102		385	68°	16293	5431		389	FOR DESCRIPTION
	4386		192			5553		190		
	4194		191			5363		187		T E. LANDA
	4003		383			5176		377		
2	12583	4194		768		16092	5364		766	
	2707		239			9979		213		
	2468		235			9766		211		
	2233		474			9555		424		
3	7408	2469		1242		29300	9767		1190	
	0583		166			7648		197		
	0417		167			7451		193		
	0250		333			7258		390		
4	1250	0417		1575		22357	7452		1580	
	7208		215			1363		212		
	6993		215			1151		210		
	6778		430			0941		422		
5	20979	6993		2005		34555	11152		2002	
		19175					29166			

F.B. 1392 PG. 185

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:10 702 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-48 To B.M. 5-48
Date 2-11-53
Indexed E. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10.091	19.175	212	2005		2.418	2.166	216	2.002	
	9.879		210			2.202		213		
	9.669		422			1.989		429		
6	29.639	9.880		2.427		6.609	2.203		2.431	
	5.303		213			6.019		215		
	5.090		215			5.804		211		
	4.875		428			5.593		426		
7	15.268	5.089		2.855		17.416	5.805		2.857	
	4.749		246			5.631		212		
	4.533		216			5.419		214		
	4.317		432			5.205		426		
8	13.599	4.533		3.287		16.255	5.418		3.283	
	4.940		190			6.825		191		
	4.750		191			6.634		190		
	4.559		381			6.444		381		
9	14.249	4.750		3.668		19.903	6.634		3.664	
	4.004		212			6.989		211		
	3.792		212			6.778		215		
	3.580		424			6.563		426		
10	11.376	3.792		4.092		20.330	6.777		4.090	
		47.219					56.002			

F.B. 1392 PG. 186

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:10 TO 2:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From 3 M. 5-47 To E M 5-48
Date 2-11-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3844	47.219	216	4.092		6529	56.003	216	4.090	
	3628		215			6313		213		
	3415		431			6100		429		
11	10885	3.628		4.523		18942	6.314		4.519	
	3439		214			6480		215		
	3225		213			6265		212		
	3012		427			6053		427		
12	9676	3.225		4.950		18798	6.266		4.946	
	3853		212			6877		214		
	3641		215			6663		211		
	3426		427			6452		425		
13	10920	3.640		5.377		19992	6.664		5.371	
	3692		215			6821		212		
	3477		215			6609		211		
	3262		430			6398		423		
14	10431	3.477		5.807		19828	6.609		5.794	
	4964		213			4279		214		
	4751		212			4065		212		
	4539		425			3853		426		
15	14254	4.751		6.232		12197	4.066		6.220	
		65.940					85.922			

F.B. 372 PG. 187

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G.E. DREIER Time 11:10 TO 2:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-47 To B.M. 5-48
Date 2-11-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.835	65.940	215	6.232		1.168	.932	213	6.220	
	7.620		212			0.955		212		
	7.408		427			0.743		425		
16	22.863	7.621		6.659		2.866	0.955		6.645	
	10.525		213			1.240		215		B.M. 5-48
	10.312		211			1.025		213		LOMITA BLVD & VERMONT AVE
	10.101		424			0.812		428		SEE F.B. 1206-44
17	30.938	10.313		7.083		3.077	1.026		7.073	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 5-47 TO B.M. 5-48
										TOTAL BACKSIGHTS + 83.874
										TOTAL FORESIGHTS - 87.903
										DIFF. IN ELEVATION - 4.029
		83.874					87.903			

F.B. 1392 PG. 188

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From To
Date 7-1-58
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
										JOB NO. 0301.02
										L.A. CO. PRECISE LEVEL NET
										SUPPLEMENTAL T.B.M. FOR BM 21-12
										DREIER G.E.
										MOODY J.A.
										OHASHI T.
										ALWIN G.P.
										MORRIS R.A.
										F.B. 1392 P.G. 189

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN Inst. No NK 142552
Notes by G.E. DREIER Time 1:00 TO 1:15 Rod No 15 & 16

Name **L. A. CO. PRECISE LEVEL NET**
Job No 0301.02
From B.M. 21-11 To B.M. 21-12
Date 7-1-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9.197		340		#15	6.553		327		B.M. 21-11 (F.C. R/W 114-4)
	8.857		340			6.231		328		ROSECRANS AVE & CRENSHAW BLVD.
	8.517		680✓			5.903		655✓		SEE F.B. 1391-16 FOR DESC.
1	26.571	8.857✓				18.692	6.231✓			
		6.231✓								
		+ [illegible]✓								
										B.M. 21-12A
										ROSECRANS AVE. & WADKINS AVE, S.W.
										CAP, B. SPK IN N.E. COR OF CATCH
										BASIN AT W. END OF CURB RETURN
	8.788		598			4.468		612		
	8.188		598			3.856		612		B.M. 21-12 (F.C. B.M. 113-21A)
	[illegible]		1196✓			3.244		1224✓		ROSECRANS AVE & CRENSHAW BLVD.
2	24.561	8.187✓				11.568	[illegible]✓			SEE F.B. 1391-16 [illegible]
		3.856								
		+ 4.231✓								

F.B. 1392 P.G. 190

NOTE: - B.M. 21-11 SHOULD NOT BE DISTURBED BY PRECISE CONSTRUCTION

B.M. 21-12 WILL PROBABLY BE DESTROYED. B.M. 21-12 IS NOT A VERY RELIABLE B.M. IN AS MUCH AS THE BRIDGE IS A LONG DECK ON WOOD PILING WHICH HAVE BEEN REPLACED AND REPAIRED SEVERAL TIMES. SEE B.M. [illegible] FOR ADDITIONAL DESC. IN ELEVATION SEE PRECISE LEVEL LINE 27 DOWN CRENSHAW BLVD.

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather [illegible] Inst. No. NK142552
Notes by G. E. DREIER Time 1:15 TO 1:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 2301.02
From B.M. 21-12 To B.M. 21-11
Date 7-1-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	4.485 3.878 3.272 11.635	3.878	607 606 1.213			[illegible] 8.208 [illegible] [illegible]	8.208	602 601 [illegible]		B.M. 21-12 (F.S. B.M. 113-21A) [illegible] BLVD SEE F.B. 1391-16 [illegible]
							+3.878 -4.330			T.B.M. 21-12A SEE PREVIOUS PAGE
2	6.7[illegible] 6.373 6.0[illegible] [illegible]	6.373	330 [illegible] [illegible]			[illegible] 8.[illegible] [illegible] [illegible]	-8.[illegible]	324 324 [illegible]		B.M. 21-11 (F.S. B.M. 114-11
							+6.373 -[illegible].626			SEE PREVIOUS PAGE
									ADJ.	ELEV. [illegible] 21-11 47.461 [illegible] ELEV. T.B.M. 21-12A 50.087

F.B. 1392 P.G. 191

76P526 S & E #379 1-54

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

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

F.B. 372 P.G. 192

F. B. 1392 PG. 193

NOTES RED. _____ JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL
DATE _____ SURVEY BY W. D. BAY
NOTES CHKD. _____ NOTES BY BAY DATE 1-12-60
DATE _____ INDEXED A. C. Johnson DATE 3-7-60

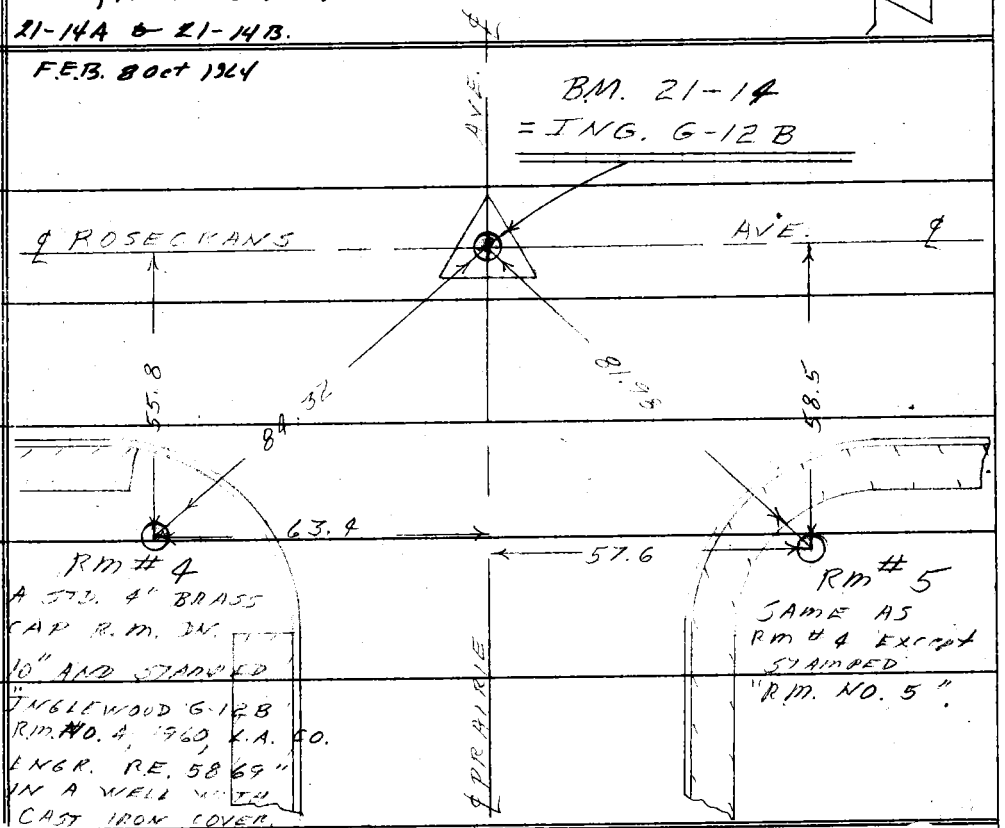
DESCRIPTION

PRECISE B.M. 21-14
TO BE DESTROYED BY
STORM DRAIN CONST.

FOR ADDITIONAL TIES
SEE F.B. 725-265, 266.

See F.B. 3902-31 for new descriptions of BM's 21-14A & 21-14B.

ADJ. ELEV. F.E.B. 8 Oct 1964



3RD RUN
2ND RUN
DIFF.
1ST RUN

B.M. INGLEWOOD G-12B R.M. #0.4, 1960, L.A. CO. ENGR. R.E. 5869" IN A WELL WITH CAST IRON COVER.

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.

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

766420 353 3-51

JOB NO. _____ SURVEY OF _____ NOTES RED. _____
SURVEY BY _____ DATE _____
NOTES BY C. Johnson DATE _____ NOTES CHKD. HJA
INDEXED _____ DATE 3-8-60

F. B. 1392 PG. 194

76S420 353 3-51

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 21-14	100.000	(ASSUMED)			1953	B.M. 21-14 (INGLEWOOD G-12B)
(ING. G-12B)	+6.142		+6.092	+6.020		
π	106.142	+1.083	+1.074	+1.086	53.603	ROSECRANS AVE. + PRAIRIE AVE.
—	-5.059		-5.018	-4.934		℄ INTR. A STD. L.A. CO. TRIANG.
						BRASS DISK "INGLEWOOD G-12B"
						IN CONC. DN. 10" IN A WELL
						WITH A STD. C.S. COVER.
21-14 A						
R.M. # 4	101.083				54.687	INGLEWOOD G-12B, R.M. # 4,
+	5.021		4.903			A STD. L.A. CO ENGR. BRASS
π	106.104	-0.633	-0.633			CAP R.M. IN CONC. DN. 10"
—	5.654		5.536			IN A WELL WITH A STD. COVER.
						55.8' S. of ℄ ROSECRANS AVE.
						63.4' W. of ℄ PRAIRIE AVE.
21-14 B					54.055	
R.M. # 5	100.450					SAME AS FOR R.M. # 4
+	5.536		5.601			58.5' S. of ℄ ROSECRANS AVE.
π	105.986	-0.452	-0.451			57.6' E. of ℄ PRAIRIE AVE.
—	5.988		6.052			
BM. 21-14	99.998				53.603	SEE ABOVE

NOTES RED. _____ JOB NO. 030.00 SURVEY OF GEODETIC CONTROL

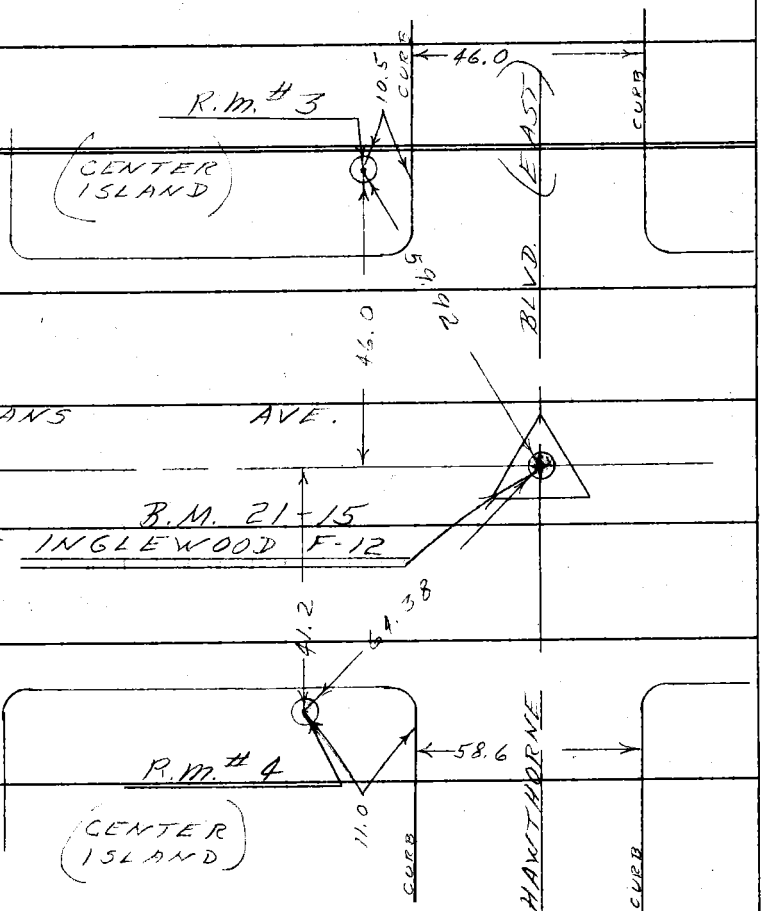
DATE _____ SURVEY BY W. D. BAY

NOTES CHKD. _____ NOTES BY BAY DATE 5-1-60

DATE _____ INDEXED A. C. Johnson DATE _____

1392 F.B. PG. 195

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
See F.B. 790R-53 for new description of BM 21-15, BM 21-15A, & BM 21-15B Book 1964 F.E.B.						PRECISE B.M. 21-15 MAY BE DESTROYED BY STORM DRAIN CONSTRUCTION. FOR ADDITIONAL TIES SEE F.B. 925-269, 270.



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

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

769420 353 3-51

765420 353 3-51

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

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

Do not extend notes this side of this line

GEODETIC CONTROL

JOB NO. 0301.00 SURVEY OF W. D. BAY
SURVEY BY W. D. BAY DATE 3-1-60
NOTES BY A. C. Johnson DATE
INDEXED DATE
NOTES RED. DATE
NOTES CHKD. HJA DATE 3-8-60

F.B. 1392 PG. 196

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM. 21-15	100.000	ADJUSTED			1953	BM. 21-15 (INGLEWOOD F-12) (SY 565) EL.
+	6.762		6.842			
Σ	106.762	+1.593	+1.592		62.069	ROSECRANS AVE. & HAWTHORNE AVE. (EAST) & INTR. A STD. L.A. CO. TRAV. STA. "INGLEWOOD F-12" IN CONC. DN. 11" IN A WELL WITH A STD. C.S. COVER.
−	5.169		5.250			
21-15A R.M.# 3	101.593					INGLEWOOD F-12 R.M. # 3 A STD. L.A. CO. ENGR. BRASS CAP R.M. IN CONC. DN. 10" IN A WELL WITH A STD. COVER.
+	5.250		5.177		63.661	
Σ	106.843	+0.101	+0.099			
−	5.149		5.078			
21-15B R.M.# 4	101.694				63.761	SAME AS FOR R.M.# 3
+	5.078		5.015			
Σ	106.772	−1.691	−1.673			
−	6.769		6.708			
BM. 21-15	100.003				62.069	BM. 21-15 (SEE ABOVE)

Notes Ck'd by	Survey of L. A. CO. PRECISE LEVEL NET
Map No.	JN 0301.03 Tape Std °F
Office Work	Surveyed by A.C. Guizado
Checked	Notes ACG Date 7-14-61
Date	Indexed H. E. OTT AUG 4 '61

F. B. 1392 PG. 197

JOB NO 0301.02

L. A. CO. PRECISE LEVEL NET

BMs 21-11 & 21-12 to be destroyed by storm drain construction, additional BMs found in vicinity

Guizado

Bartolomé
Maldonado
Camp
Cook

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

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

Do not extend this side of this line.

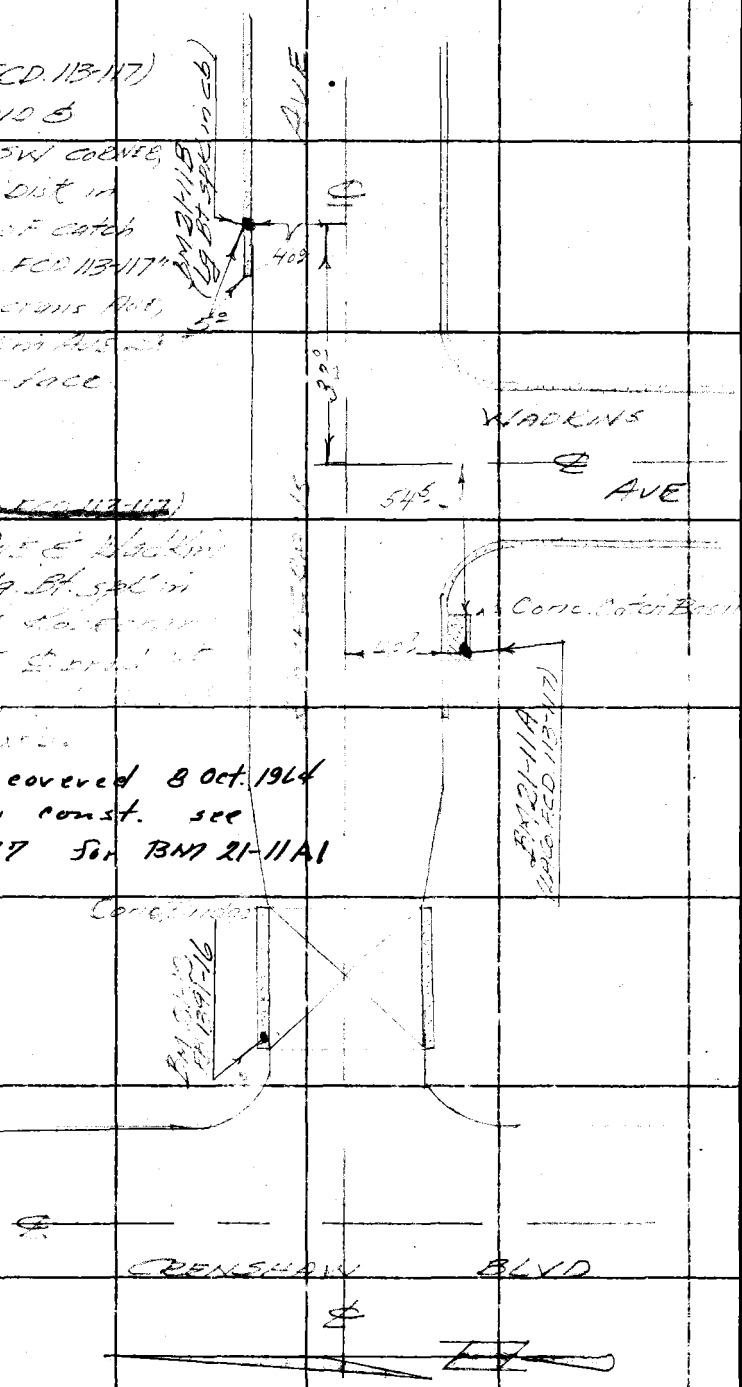
76F309S S&E #247 11-58

F. B. 1392 PG. 198

SET
BM 21-11A (LACo. FCD. 113-117)
ROSECRANS BLVD &
Wadkins Ave, SW CORNER,
Fd a LACo FCD Dist in
Conc. in SW cor of catch
basin mkd "LACo FCD 113-117"
43.8 So. of ℄ Rosecrans Ave,
54.5 W of ℄ Wadkins Ave at
Flush with surface

Fd
BM 21-11B (~~LACo FCD 113-117~~)
Rosecrans Ave & Wadkins
Ave, SET a lg. Bt. spk in
North cb of Rosecrans
Ave, 32.0 E of ℄ [illegible]
[illegible]
W. end of curb.

BMs not recovered 8 Oct. 1964
destroyed by const. see
F.B. 3702-27 for BM 21-11A1
& BM 21-12
F.E.B.



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

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76P526B 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
[illegible]				137				[illegible]	[illegible]
	[illegible]	[illegible]	[illegible] 5	[illegible]	146	[illegible]	[illegible]	[illegible]	[illegible]
2	145	[illegible]	[illegible] 5	123	[illegible]	[illegible]	[illegible]	[illegible]	
3	[illegible]	[illegible]	449 5	[illegible]	167	[illegible]	[illegible] 5	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] 5	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] 5	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	158	[illegible]	[illegible] 5	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] 5	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
10	214	[illegible]	515 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] 5	[illegible]	
Total	[illegible]	[illegible]		424	[illegible]	[illegible]		424	
	[illegible]	[illegible]						424	
								848	
Diff Elev.	[illegible]	[illegible]							
[illegible]									[illegible] (113-21A) Blvd Rosecrans Blvd & Crenshaw + BB FB 1391-16

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

SURVEY BY [illegible] WEATHER [illegible] INST. NO. [illegible]

NOTES BY [illegible] DATE [illegible] TIME [illegible] ROD NO. 95496

INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE 10/17/61

F.B. 1392 Pg. 199

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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 [illegible] TO [illegible]
[illegible]									[illegible]
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	427	[illegible]	[illegible]	[illegible]	427	
								427	
								854	
[illegible]									[illegible]

F.B. [illegible] PG. 200 JOB NO. [illegible]

SURVEY OF C. A. CO. PRECISE LEVEL NET

SURVEY BY [illegible] NOTES [illegible]

INDEXED H. C. OTT DATE

WEATHER [illegible] INST. NO. [illegible]

TIME [illegible] ROD NO. [illegible]

NOTES CHKD [illegible] DATE [illegible]

76P526B CE # 308 8-59

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM [illegible] TO [illegible]
B.M-21-12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]					[illegible]	[illegible]		34 / 73	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	232	[illegible]	533	[illegible]	[illegible]
[illegible]					[illegible]	[illegible]		26 / 54	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	141	[illegible]	442	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	125	[illegible]	173	[illegible]	41	
[illegible]	145	[illegible]	442	[illegible]	159	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	133	[illegible]	[illegible]	45	
6	153	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47	
7	149	712	450	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
Total	[illegible]	[illegible]		348	258	[illegible]		358 / 348 / 706	
[illegible]					[illegible]	[illegible]			[illegible]
[illegible] 21-[illegible]									[illegible]

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

SURVEY BY [illegible] WEATHER Cloudy INST. NO. [illegible]

NOTES BY [illegible] DATE [illegible] TIME [illegible] ROD NO. [illegible]

INDEXED N. E. OTT DATE NOTES CHKD [illegible] DATE 10/17/61

F.B. [illegible] PG. [illegible]

F.B. 1392 PG. 202

JOB NO. 0301.02

SURVEY OF C. A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G NOTES E.R.B

INDEXED ~~H. E. OTT~~ DATE

WEATHER Hazy

INST. NO. N-3 75234

TIME 1:00

ROD NO. 95896

NOTES CHKD [illegible]

DATE [illegible]

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
BM 21-10	[illegible]	[illegible]	[illegible]	[illegible]					BM 21-10
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
7									
Total				353				350 / 353 / 703	
BM 21-11B	221	550	2						
1	239	100						27 / 23	
BM 21-114	225	457						36	
BM 21-12	139							72	

FROM BM 21-10 TO BM 21-12

76P526B CE # 308 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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

SURVEY BY A.C. Gulzow WEATHER

NOTES BY [illegible] DATE 7-14-61 TIME INST. NO.

INDEXED DATE NOTES CHKD KTR DATE 10/17/61 ROD NO.

F.B. 1803 PG. [illegible]

F.B. 1492 PG. 204

JOB NO.

SURVEY OF C. A. CO. PRECISE LEVEL NF7

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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LOS ANGELES COUNTY ENGINEER

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

L.A. COUNTY

Notes Ck'd by	Survey of PRECISE LEVEL NET	F. B. 1392 Pg. 205
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by CK. LIND	
Checked	Notes LIND Date 10-11-61	
Date	Indexed H. E. OTT OCT 16 '61	

JN. 0301. 02

L. A. Co. PRECISE LEVEL NET

PRESERVATION OF CONTROL

REFERENCE MARKS FOR

BENCH MARKS No. 21-52

21-60 A

10-11-61

LIND

GOBEL

MALDONADO

CARO

COOK

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RETURN TO

LOS ANGELES COUNTY ENGINEER

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76309S CE #247—7-59

F. B. 1372 PG. 202

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LOS ANGELES COUNTY ENGINEER

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CROCKETT
HAUGE
CICIOTTI

FB 35-1

-1

MAY 18, 1962

VERTICAL TIES
TO
BENCHMARK TOR 8-9
(U.S.C. & G.S. # E-768 1945)
(U.S. # 4144)
(L.A. Co. # 21-52)

THIS B.M. TO BE REMOVED
IN THE COURSE OF CONSTRUCTION
OF AN APARTMENT BUILDING.

(SEE Pg 3 & 4 FOR RESET)

Copy of City of Torrance Field Notes (5 pages)
re setting of BM E-768 RESET "USC&GS" =
L.A. COUNTY B.M. No. 21-52C

FB 35-1 -2

VERT. TIES (CONT)

DESCRIPTIONS

T.B.M. #1 — CHIS. "D" IN TOP OF CURB AT S'LY END OF CONC. CATCH BASIN ON W. SIDE OF PALOS VERDES BLVD SERVICE RD., ± 70' SO. OF ℄ PACIFIC COAST HWY. (T-345)

T.B.M. #2 — L. & T. (℄ B.C. TIE) IN TOP OF E'LY. CURB OF PALOS VERDES BLVD. SERVICE RD., ± 100' SO. OF ℄ PACIFIC COAST HWY. (T-346)

CICIOTTI

SEPT. 5, 1962

RESET

BENCH MARK TOR 8-5 A

(U.S.C. & G.S. # E-768 RESET)

(U.S. # 4144 RESET)

(L.A.Co. # 21-52 C)

DESC. - AT PACIFIC COAST HWY. AND PALOS VERDES BLVD. 92' SO. OF THE ℄ OF THE HWY. AND 116' E. OF THE ℄ OF THE BLVD. SET IN THE TOP OF A CONC. POST AT SIDEWALK GRADE. A STD. DISK STAMPED "E-768 RESET 1962".

(SEE P. 1 & 2 FOR TIES.)

STA	+	H.I.	−	ELEV	
B.M. T. 28-9				1960 ADJ. 86.615	
	3.303	89.918			
T.B.M. #1	—		5.763	84.155	
	5.063	89.218			
T.B.M. #2	—		3.247	85.971	
	4.865	90.836			
CHECK FOR 8-9			4.221	86.615	GIVEN 86.615

Sta	+	H.I.	
T.B.M. #1			
	3.355	87.510	
B.M. TOR 8-3A			2
	2.918	88.226	
T.B.M. #2			2.
		Re-R.	
T.B.M. #2			
	2.402	88.372	
B.M. TOR 1-3A			3.
	2.274	87.588	
T.B.M. #3			3

NOTE: T.B.M. #
DISTURBED [illegible]
OF SIDEWALK (
PARTIALLY OUT

Notes Ck'd by	Survey of L.A. Co Precise Level Net
Map No.	JN 0301.00 Tape Std °F
Office Work	Surveyed by Lind
Checked	Notes Lind Date 10-11-61
Date	Indexed B. E. Ott

F. B. 1392 PG. 207

BM 21-52 A

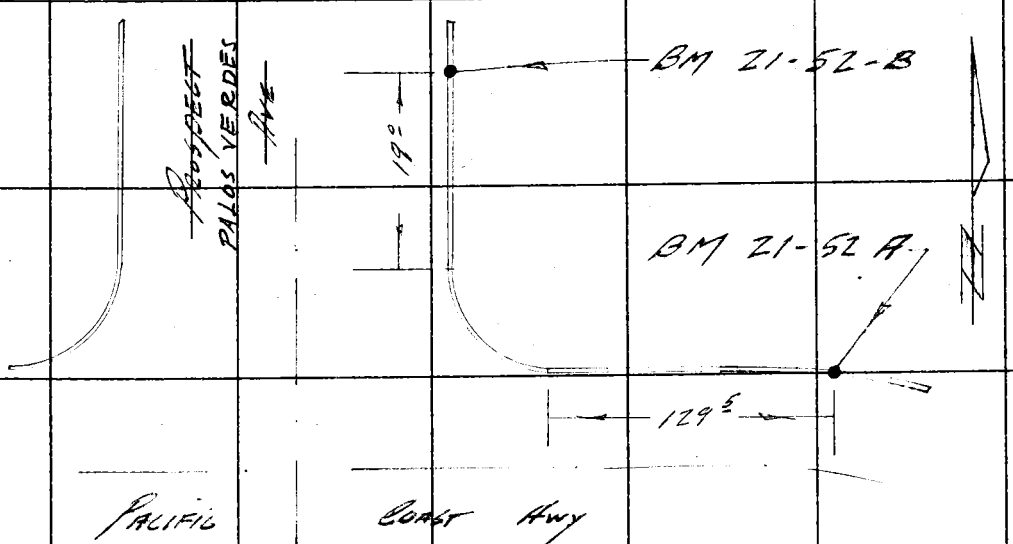
PALOS VERDES BLVD.

Pacific Coast Hwy. And ~~Prospect Ave~~ NE Cor. In the Conc Curb, 129 5 East of the East End Curb Return. A Small Boat Spk in Lead

BM 21-52 B

PALOS VERDES BLVD.

Pacific Coast Hwy And ~~Prospect Ave~~ N.E. Cor. In the Conc Curb, 19 0 North of the North End Curb Return A Small Boat Spk in Lead.



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RETURN TO
LOS ANGELES COUNTY ENGINEER
1100 Los Angeles County Engineering Bldg.

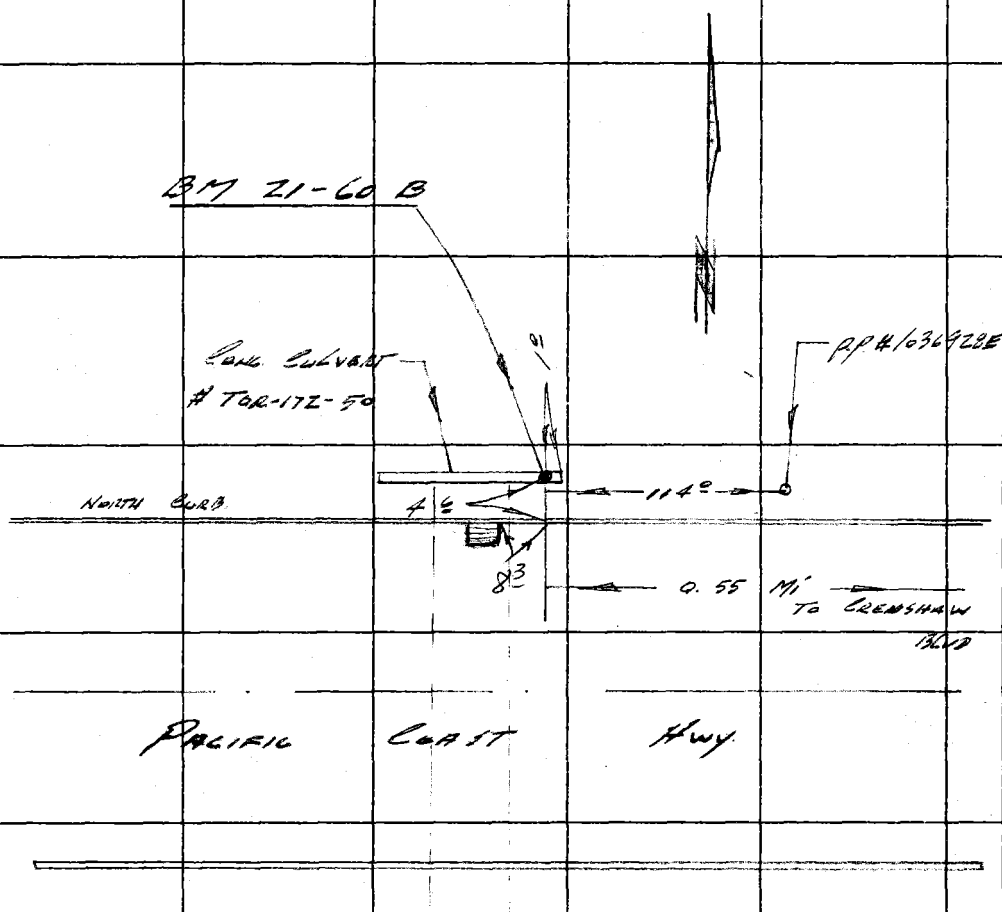
763098 CE #247—7-59

1392 - 208

F. B. 1391 PG. 258

BM 21 - 60 B

PACIFIC COAST HWY., NORTH SIDE.
.55 MILE WEST OF THE INTERSECTION OF
PACIFIC COAST HWY AND CRENSHAW BLVD.
114° WEST OF P.P.# 1036928 E AND 4½
NORTH OF THE NORTH CURB FACE
IN THE TOP AND 1° WEST OF THE EAST
END OF CONC. CULVERT # TOR - 172 ÷ 50
A STANDARD U.S. COAST AND GEODETIC
SURVEY 4" BRASS Bench Mark DISK STAMPED,
X - 767 RESET 1961



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.

Notes Ck'd by	Survey of PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 10-11-61
Date	Indexed

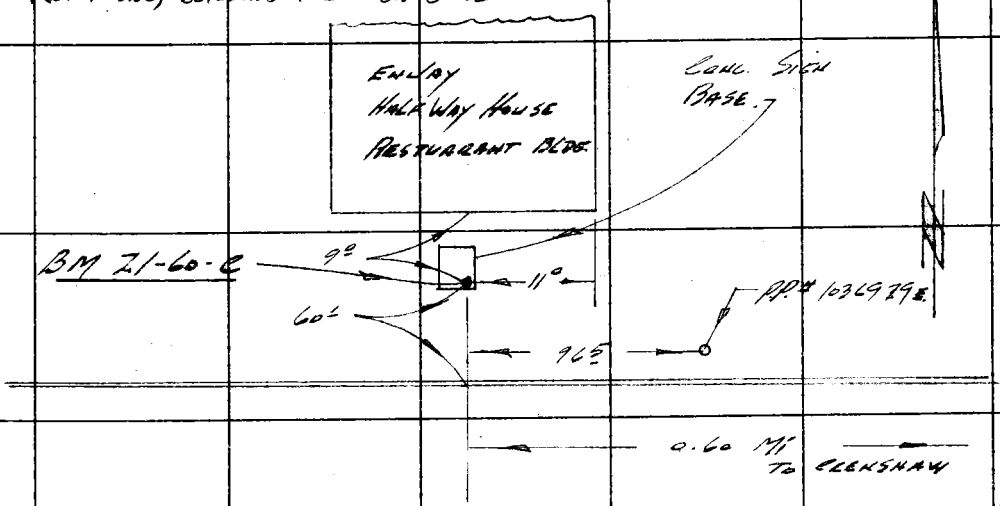
B. E. OTT

F. B. ~~1391~~ 1392 — 209 PG. 259

BM 21-60-C

PACIFIC COAST HWY. (NORTH SIDE)
0.60 MI WEST OF THE INTERSECTION OF PACIFIC COAST HWY AND CRENSHAW BLVD.
96.5 WEST OF P.P. # 1036929E AND 60' N. OF THE NORTH CURB FACE. 9° SOUTH AND 11° WEST OF THE S.E. CORNER OF THE ENJAY HALF WAY HOUSE RESTAURANT BLVD A SMALL BOAT SPIC IN LEAD IN THE SOUTH-EAST CORNER OF THE CONC BASE FOR A LARGE SIGN MARKED "ENJAY HALF WAY HOUSE COCKTAILS".

9-26-74 G.E.D. NOT FOUND, BUILDING AND SIGN GONE



PACIFIC COAST HWY

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Do not extend notes this side of this line.

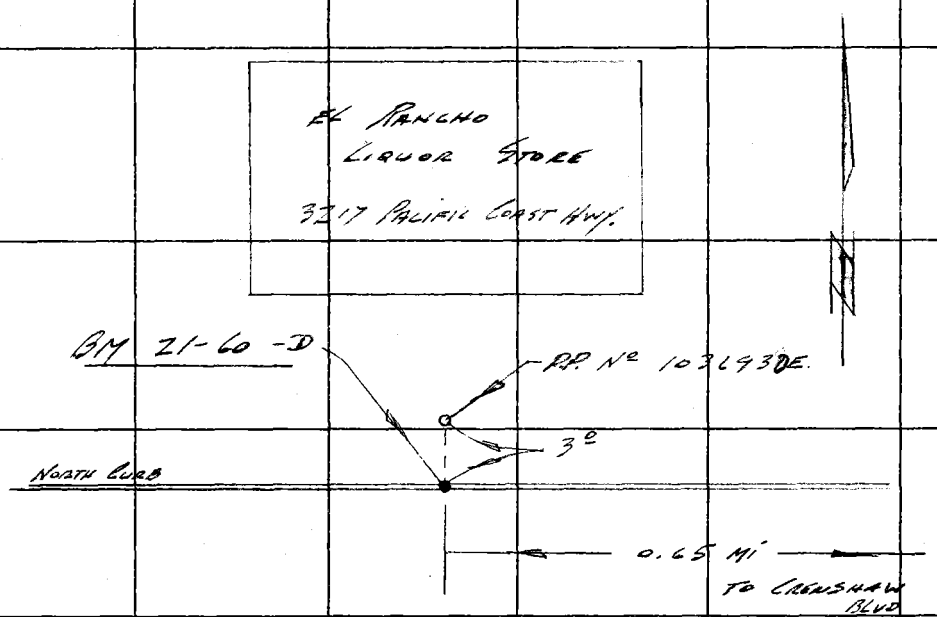
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76309S CE #247—7-53

1392 - 210
F. B. ~~1391~~ PG. ~~36~~

BM 21-60-D

PACIFIC COAST HWY (NORTH SIDE)
0.65 MI WEST OF THE INTERSECTION OF
CRENSHAW BLVD AND PACIFIC COAST HWY.
IN FRONT OF THE EL RANCHO LIQUOR STORE
AT 3217 PACIFIC COAST HWY. DIRECTLY
OPPOSITE AND 3° SLY. OF P.P. # 1036930E.
A SMALL BOAT SPK IN LEAD IN THE
NORTH CURB



PACIFIC COAST HWY.

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

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76P526B CE # 308 8-59

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 21-52 TO BM 21-52B
BM 21-52									BM 21-52
1	[illegible]	165	[illegible] 5	269 243 26	198	140	493 5	[illegible] 26	PACIFIC COAST [illegible] & PROSPECT AVE
	198	140						26	FOR DESC [illegible] F.B. 1391-52
DIFF IN ELEV	58	023						52	
BM 21-52A									BM 21-52A AVE
1	100	73[illegible]	[illegible] 5	[illegible] 14	207	147	50[illegible] 5	[illegible] 14	PACIFIC [illegible] & PROSPECT
									FOR DESC SEE F.B. 1392-207
2	09[illegible]	3[illegible]	[illegible] 5	[illegible] 16	113	[illegible]	414 5	121 [illegible] 16	
				30				30	
TOTAL	196	081			320	158		30	
					196	081		60	
DIFF IN ELEV					124	077			
BM 21-52B									BM 21-52B AVE
									PACIFIC COAST [illegible] & PROSPECT
									FOR DESC SEE F.B. 1392-207

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

SURVEY BY C. R. LIND WEATHER WINDY INST. NO. 75231

NOTES BY [illegible] DATE 10-11-61 TIME 11.25 TO 11.40 ROD NO. 95[illegible]

INDEXED H. E. OTT DATE OCT 1 6 81 NOTES CHKD [illegible] DATE 10/17/61

F.B. 1392 ~~1394~~ Pg. 24 ~~8~~ 6

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM [illegible] TO BM [illegible]
BM 21-52B									BM 21-52B AVE
1	103	623	404 5	111 95 16	[illegible]	954	324 5	[illegible] 75 [illegible]	PACIFIC [illegible] PROSPECT
									FOR DESC [illegible] F.B. 1391-257
2	208	655	509 5	215 201 14	[illegible]	[illegible]	405 5	111 97 14	1392-207
				30				30	
TOTAL	312	278				225		30	
	188	225						60	
DIFF IN ELEV	124	053							
BM 21-52A									BM 21-52A
1	189	[illegible]	[illegible]	203 [illegible] 27	[illegible]	[illegible]	[illegible] 5	[illegible] 23[illegible] [illegible]	PACIFIC COAST HWY &
					[illegible]	980		27	[illegible] 1392-207
DIFF IN ELEV					[illegible]	932		53	FOR DESC [illegible] F.B. ~~1391-257~~
BM 21-52									BM 21-52 AVE
									PACIFIC COAST HWY & PROSPECT
									FOR DESC SEE F.B. 1391-52

WEATHER WINDY INST. NO. 75234

TIME 11:40 TO 11:55 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE 10/17/61

F.B. 1392 ~~1391~~ PG. 212 ~~262~~

JOB NO. 0301.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY [illegible] NOTES ALG 10-10-61

INDEXED B. E. OTT DATE

76P526B 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 C K LIND WEATHER SUNNY INST. NO. N3752.84

NOTES BY A L G DATE 10-11-61 TIME 9.30 to 9.50 ROD NO. 95 & 96

INDEXED H. E. OR DATE NOTES CHKD [illegible] DATE 10/17/61

F.B. ~~1391~~ 1392 Pg. ~~[illegible]~~ 2

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 21-60A TO BM 21-60D
BM 21-60A													BM 21-60A (SPK)
1	113	728	414	5	135 / 91	44	19[illegible]	2[illegible]	437	5	218 / 174	44	PACIFIC COAST HWY & CUL # TOR 170+53
							113	728				44	FOR DESC SEE F.B 1391-58
DIFF IN ELEV							-82	533				88	
BM 21-60B													BM 21-60B (X767 1961
1	140	853	441	5	160 / 121	39	126	35[illegible]	421	5	145 / [illegible]7	38	PACIFIC COAST HWY & CUL # TOR 172+50
	12[illegible]	35[illegible]										39	FOR DESC SEE F.B ~~1391-758~~ 1392-208
DIFF IN ELEV	+14	49[illegible]										77	
BM 21-60C													BM 21-60C (SPK
1	155	414	[illegible]	5	173 / 138	35	08[illegible]	17[illegible]	[illegible]	5	101 / [illegible]	36	PACIFIC COAST HWY &
	08[illegible]	176										35	FOR DESC SEE F.B ~~1391-259~~ 1392-209
DIFF IN ELEV	+72	238										71	
BM 21-60D													BM 21-60D (SPK
													PACIFIC COAST HWY &
													FOR DESC SEE F.B ~~1391-260~~ 1392-210

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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WEATHER SUNNY INST. NO. 75 234 N3

TIME 9:32 10:10 ROD NO. 95 L 06

NOTES CHKD [illegible] DATE 10/17/61

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 21-60D TO BM 21-60B
BM 21-60D									BM 21-60D (CSP)
1	[illegible]	[illegible]	31 5	93 30	[illegible]	[illegible]	[illegible]	[illegible] 32	PACIFIC COAST HWY &
						832			FOR DESC SEE F.B. 1391-260
DIFF IN ELEV						[illegible]			1392-210
BM 21-60C									BM 21-60C (CSP)
1	124	48[illegible]	425 5	142 [illegible]	125	[illegible]	[illegible] 5	[illegible]	PACIFIC COAST HWY &
					124	48[illegible]			FOR DESC SEE F.B. 1391-259
DIFF IN ELEV					[illegible]	475			1392-209
BM 21-60B									BM 21-60B (CSP)
1	191	739	498 5	2[illegible] 175	[illegible]	[illegible]	[illegible]	[illegible]	PACIFIC COAST HWY & CUL #172+50
	115	193							FOR DESC SEE F.B. ~~1391-258~~
DIFF IN ELEV	+82	546							1392-208
BM 21-60A									BM 21-60A (CSP)
									PACIFIC COAST HWY & CUL #170+93
									FOR DESC SEE F.B. 1391-58

F.B. ~~1391~~ 1392 PG. ~~254~~ 217

JOB NO. 0301.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY S.K. LIND NOTES A.L.S. 10-11-61

INDEXED M.E. Ott DATE

Profile	Notes Red	Plotted	Job No. 0301.02	Division No. 11	F.B. 1392	Pg. 215
No.	Date	Date	Survey of PRECISE LEVELS			
X-Sec.	Notes Chkd.	Checked	Survey by BAY	Notes BAY	Date 10-19-'62	
No.	Date	Date	Map No.	Indexed [redacted] J. GALLI	Date [redacted] 9 '63	

REFERENCING OF
PRECISE B.M. 21-17A
TO BE DESTROYED BY
CONSTRUCTION.
SEE F.B. 1391-21A
SEE F.B. 2444, 5-258 FOR LATEST RUN

USING METHOD DESCRIBED IN
"INSTRUCTIONS TO FIELD PARTIES"
"DEPT. OF COUNTY ENGR."
"1961"
SEC. 4-15 PGS. 2 & 3.

ELEV.	10-19-'62 BAY BAZEN
F.S.	MATHER McKNIGHT
H.I.	
B.S.	
STATION	

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

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

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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Bm. 21-17A	6.290	76.074		69.784	Bm. 21-17A, EL. 69.784, 1960 ADJ. F.B. 1391-21A. ROSECRANS AVE. & INGLEWOOD AVE. 100.7 N. OF ℄ OF ROSECRANS AVE. & 31.5' W. OF ℄ OF INGLEWOOD AVE. 36.5' S. OF P.P. # 1195226E IN A WELL PROTECTED BY A CAST IRON COVER MARKED "C.E. MON." A C.E. MON. STAMPED "Bm. 21-17A" SET IN CONC. 10" BELOW TOP OF CURB.	
SET. R.M. # 1	4.650	76.016	4.708	71.366	BM 21-17B (R.M. # 1): EL. 71.366 F.B. 1391-21C ROSECRANS AVE. & INGLEWOOD AVE. W. SIDE, 63.2 W. of ℄ INGLEWOOD AVE. & 0.2' S. of ℄ ROSECRANS AVE. A BT. SPK. IN LEAD IN TOP OF N. CURB, 22.2' W. OF E. END. OF ISLAND.	
				+.001		
			1st Run =	71.367		
			2nd "	71.366		
		Pg 217	Mn =	71.366		
Bm. 21-17A			6.234	69.782	Bm. 21-17A (SEE ABOVE)	

F.B. 1392 Pg. 216 Job No. 0301.02 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of PRECISE LEVELS Date ____ Date ____ No. ____
Survey by BAY Notes BAZEN Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. J. GALLI Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
BM.21-17A	5.983	75.767		69.784	BM 21-17A EL. 69.784 (SEE PG. 216)	
R.M.# 1	4.148	75.514	4.401	71.366	BM 21-17B= (R.M.# 1) EL. 71.366	(SEE PG. 216)
BM.21-17A			5.730	69.784	BM 21-17A EL. 69.784 (SEE PG. 216)	
BM.21-17A	6.110	75.894		69.784	BM. 21-17A EL. 69.784 (SEE PG. 216)	
R.M.# 2	4.737	75.636	4.995	70.899 -.001	BM 21-17C= (R.M.# 2) EL. 70.898	F.B. 1391-21C
				1st Run = 70.898 2nd " = 70.898 Mn = 70.898	ROSECRANS AVE. & INGLEWOOD AVE. N.E. COR. 30² E. of ℄ INGLEWOOD AVE. & 82⁵ N. of ℄ ROSECRANS AVE. A BENCH NAIL IN LEAD IN TOP OF CURB, 6° N. OF N. END C.R. AND CURB IS CHISELED "S.D. 3018".	
BM.21-17A			5.850	69.786 -.002 69.784	BM 21-17A EL. 69.784 (SEE PG. 216)	
BM 21-17A	6.251	76.035		69.784	BM. 21-17A EL. 69.784 (SEE PG. 216)	
R.M.# 2	4.892	75.790	5.137	70.898	BM 21-17C= (R.M.# 2) EL. 70.898 (SEE ABOVE)	
BM. 21-17A			6.007	69.783 +.001	BM. 21-17A EL. 69.784 (SEE PG. 216)	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0301.02 Division No. 11 F.B. 1392 Pg. 217
X-Sec. No. ____ Date ____ Date ____ Survey of PRECISE LEVELS
Notes Chkd. ____ Checked ____ Survey by BAY Notes BAY Date 10-19-'62
Date ____ Date ____ Map No. ____ Indexed E. J. GALL Date ____

F.B. 1392 PG. 218

Job No. _____ Division No. _____ Notes Red _____ Plotted _____

Survey of _____ Date _____ Date _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____

Indexed E. J. GALLI Date _____ Date _____ Date _____

STATION	B.S.	H.I.	F.S.	ELEV.

76-L298 CE 307 3

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1392