Notes Ck'd by	Survey of
Map No.	W. O. Tape No. St'd. °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

F. B. Pg.

1200

Microfilmed Jan '88

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

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

Do not extend notes this side of this line.

F. B. _____ PG. _____

76F309S CE #247—3-57

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

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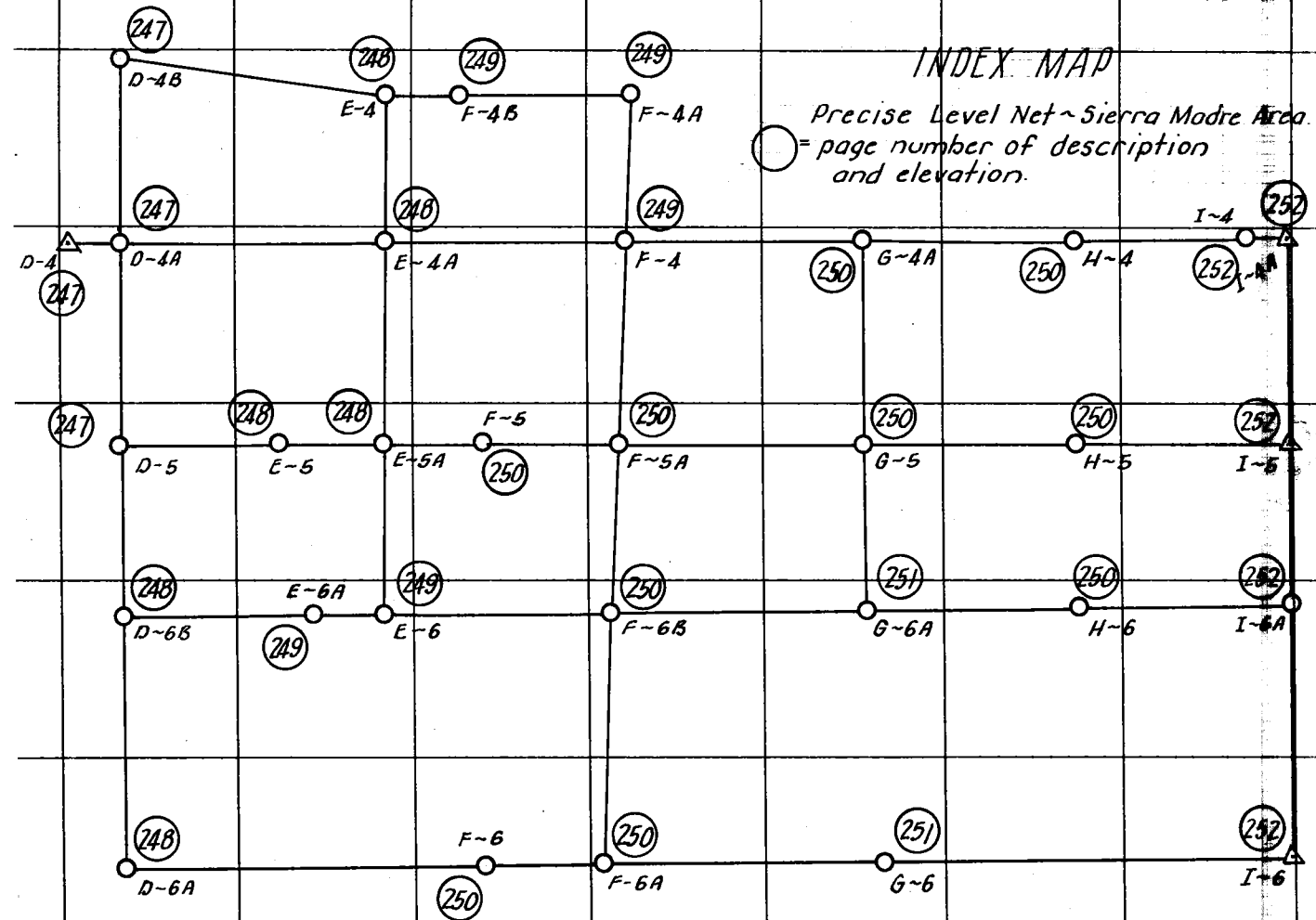

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of
JN Tape Std °F
Surveyed by
Notes
Indexed Date

F. B. PG.

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

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F. B. _____ PG. _____

Notes Ck'd by		Survey of [illegible]	F.B. 1200 Pg. 1
Map No.		W. O. 4919 Tape No. ___ Std ___ °F	
Office Work		Surveyed by G.W. Kleineck	
Checked		Notes G.W.K. Date 1944	
Date		Indexed [illegible]	

PRECISE LEVELS

OVER L.A. CO. GEODETIC CONTROL SYSTEM.

Sierra Madre, Calif.
Nov.-Dec., 1945.

J.N. 4919. Level # 50010 Rods:- L-3 + L-4

Party:- G.W. Kleineck
J. Lanigan
J.W.S. Moore
R. Anderson
H. Stock.

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

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 12/40

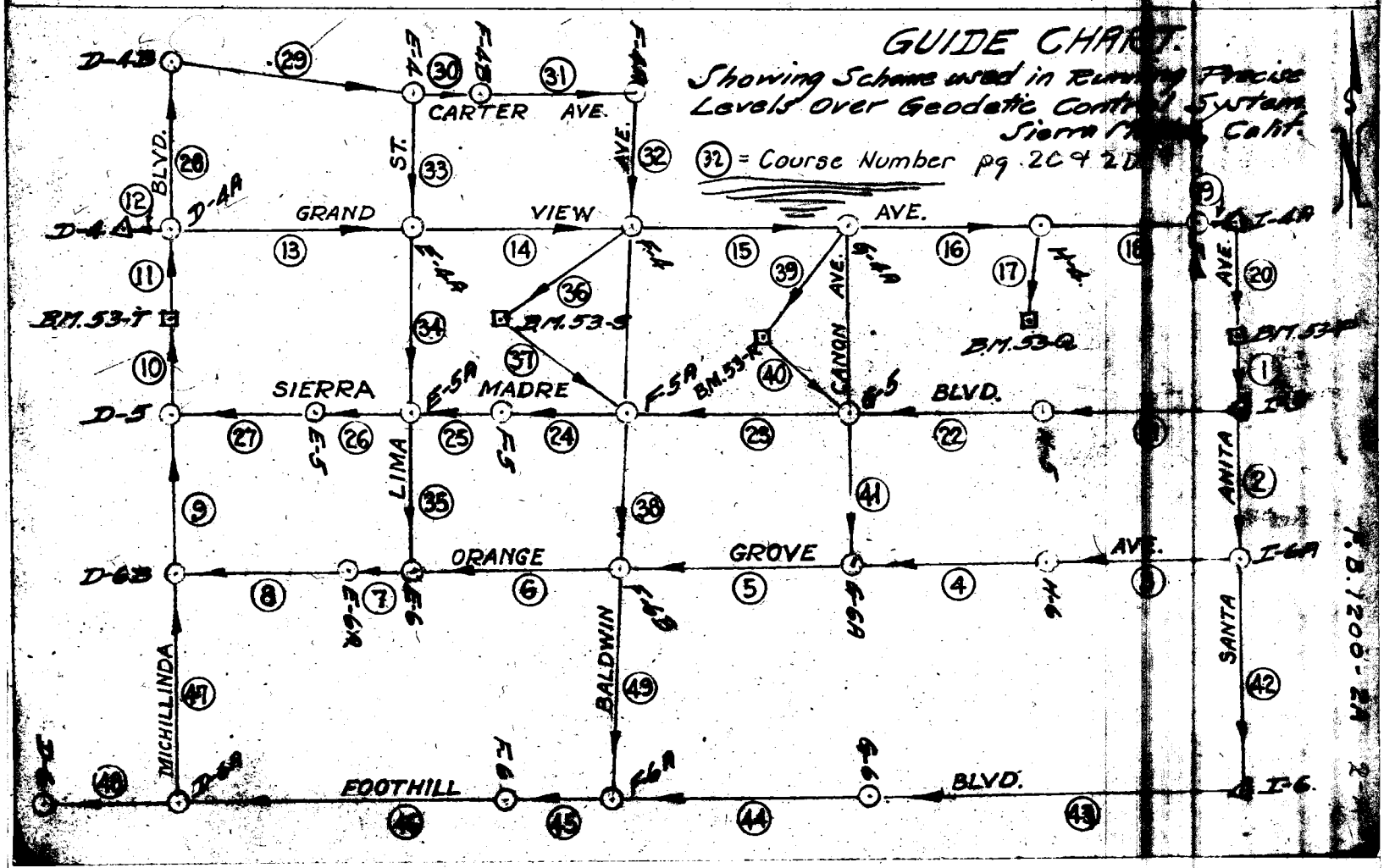
F.B. 1200 PG. 2

FOR ADOPTED ELEVS
SEE PAGES 245-253

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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


GUIDE CHART.
Showing Scheme used in Running Precise Levels Over Geodetic Control System
Sierra Madre, Calif.
(32) = Course Number pg. 2C & 2D
CARTER AVE.
GRAND VIEW AVE.
SIERRA MADRE BLVD.
ORANGE GROVE AVE.
FOOTHILL BLVD.
MICHILLINDA BLVD.
LIMA ST.
BALDWIN AVE.
CANON AVE.
SANTA ANITA AVE.
B.M. 53-T
B.M. 53-S
B.M. 53-R
B.M. 53-Q
D-4B
D-4A
D-5
D-6B
D-6A
E-4
E-4A
F-4B
F-4A
F-4
G-4A
H-4
I-4A
E-5A
E-5
F-5A
F-5
G-5
H-5
E-6A
E-6
F-6B
F-6A
G-6A
H-6
I-6A
I-6
P.B. 1200-2A

Notes Ck'd by	Survey of [illegible] F.B. 1200 Pg. 2-C
Map No.	W. O. 4919 Tape No. Std °F
Office Work	Surveyed by G.W. Kleineck
Checked	Notes G.W.K. Date 1945
Date	Indexed [illegible]

INDEX

PRECISE LEVELS - SIERRA MADRE
(See Guide Chart)

Course Number	From Station	To Station	Page
1	B.M. #53-P	S.M. I-5	3-6 incl.
2	S.M. I-5	" I-6A	7-10 "
3	" I-6A	" H-6	11-14 "
4	" H-6	" G-6A	15-18 "
5	" G-6A	" F-6B	19-24 "
6	" F-6B	" E-6	25-28 "
7	" E-6	" E-6A	29-31 "
8	" E-6A	" D-6B	33-36 "
9	" D-6B	" D-5	37-42 "
10	" D-5	B.M. #53-T	43-46 "
11	B.M. #53-T	S.M. D-4A	47-50 "
12	S.M. D-4A	" D-4	51.
13	" "	" E-4A	53-56 "
14	" E-4A	" F-4	57-60 "
15	" F-4	" G-4A	61-66 "
16	" G-4A	" H-4	67-74 "
17	" H-4	B.M. #53-Q	75-78 "
18	" "	S.M. I-4	79-84 "
19	" I-4	" I-4A	85-86 "
20	" I-4A	B.M. #53-P	87-92 "
21	" I-5	S.M. H-5	93-96 "
22	" H-5	" G-5	97-102 "
23	" G-5	" F-5A	103-108 "
24	" F-5A	" F-5	109-110 "
25	" F-5	" E-5A	111-112 "
26	" E-5A	" E-5	113-114 "
27	" E-5	" D-5	115-118 "
28	" D-4A	" D-4B	119-124 "
29	" D-4B	" E-4	125-130 "
30	" E-4	" F-4B	131-134 "

Cont'd top pg. 2-D.

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 12-40

F.B. 1200 PG. 2-D

—INDEX— Contd.

Course Number	From Station	To Station	Page.
31	S.M. F-4B	S.M. F-4A	135-140 incl
32	" F-4A	" F-4	141-146 "
33	" E-4	" E-4A	147-152 "
34	" E-4A	" E-5A	153-158 "
35	" E-5A	" E-6	159-164 "
36	" F-4	B.M. #53-S	165-172 "
37	B.M. #53-S	S.M. F-5A	173-178 "
38	S.M. F-5A	" F-6B	179-184 "
39	" G-4A	B.M. #53-R	185-190 "
40	B.M. #53-R	S.M. G-5	191-196 "
41	S.M. G-5	" G-6A	197-200 "
42	" I-6A	" I-6	201-204 "
43	" I-6	" G-6	205-210 "
44	" G-6	" F-6A	211-214 "
[illegible]	[illegible]	[illegible]	[illegible]
46	" F-6	" D-6A	217-222 "
47	" D-6A	" D-6B	223-232 "
48	" "	" D-6	233-234 "
49	" F-6B	" F-6A	235-241 "
Miscel.	" F-5A	City B.M.	243
[illegible]	" E-4	L.A.C.F.C. B.M.	244

DESCRIPTIONS:-

Metropolitan Water Dept. BMs Used:- Nos 53-P, 53-Q, 53-R 53-S & 53-T — 245-246 "

Geodetic Control Stations Used — 247-252 "

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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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.

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.W. Tlemeck Weather Unsettled Inst. No. 50010
Notes by G.W.T. Time 2:30-3:30 P.M. Rod No. L-3 & L-4

Name Geod. Cont. [illegible] Madre
Job No. 4919
From BM 53P To [illegible] I-5
Date 11-7-45
Indexed [illegible] C. Johnson 12-19-45

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	1.568 1.208 0.848 3.624	1.208	36.0 36.0 72.0	72.0	L-3 62°F.	11.590 11.232 10.877 33.699	11.233	35.8 35.5 71.3	71.3	Forward Ra[illegible] * Benches established by Metropolitan Water Dept. See index for descriptions. Also see index for geod. cont. station descriptions
2	0.870 0.582 0.292 1.744	0.581	28.8 29.0 57.8	129.8		9.200 8.904 8.610 26.714	8.905	29.6 29.4 59.0	130.3	
3	1.488 1.190 0.890 3.568	1.189	29.8 30.0 59.8	189.6		9.511 9.219 8.922 27.652	9.217	29.2 29.7 58.9	189.2	
4	1.250 0.951 0.653 2.854	0.951	29.9 29.8 59.7	249.3		9.351 9.059 8.763 27.173	9.058	29.2 29.6 58.8	248.0	[illegible]
5	1.201 0.925 0.649 2.775	0.925	27.6 27.6 55.2	304.5		9.782 9.502 9.224 28.508	9.503	28.0 27.8 55.8	303.8	
		4.854					47.916			

Contd on pg. 4

F.B. 12 [illegible] PG. 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. W. Klemeck Weather Unsettled Inst. No. 50010
Notes by G.W.K. Time 2:30 - 3:30 P.M. Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From BM 53-P To S.M. I-5
Date 11-7-'45
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	1.308 1.041 0.772 3.121	1040	267 269 53.6	304.5 358.1	L-3	9.388 9.109 8.840 27.337	9.112	279 269 54.8	303.8 358.6	Forward Run. Cont'd from pg. 3.
7	3.484 3.362 3.239 10.085	3.362	12.2 12.3 24.5	382.6	62°F.	7.670 7.546 7.421 22.637	7.546	12.4 12.5 24.9	383.5	
										Summation of Run. BM. 53P to Triang. Sta. "SIERRA MADRE I-5"
										Total Backsight = + 9.256 " Foresight = -64.574 Diff. in Elevation = -55.318
		9.256		382.6			64.574		383.5	

F.B. 1200 PG. 4

F. J. STEVENSON
DEC 26 1945

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.W. Meineck Weather Fair Inst. No. 50010
Notes by J. J. Labigan Time 8.30 to 9:15 A.M. Rod No. L-38L-4

Name Gard. Co. - Div. 2 Mod.
Job No. 4919
From B.M. 55-T3 To T.E.
Date 11-9-45
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
7	7.710 7.585 7462		12.5 12.3 24.8		L-3	3.526 3.403 3.280		12.3 12.3 24.6		Backward F.S.
	22.757	7.586		24.8	60°F	10.209	3.403		24.6	
6	9.352 9.093 8.814		26.9 26.9 53.8			1.284 1.017 0.748		26.7 26.9 53.6		
	27.249	9.083		78.6		3.049	1.016		79.2	
5	9.711 9.433 9.155		27.8 27.8 55.6			1.132 0.856 0.579		27.6 27.7 55.3		
	28.299	9.433		134.2		2.567	0.856		133.5	
4	9.447 9.150 8.858		29.7 29.7 59.4			1.341 1.044 0.748		29.7 29.6 59.3		H.E.H. 12/20
	27.450	9.150		193.6		3.133	1.044		192.9	
3	9.461 9.163 8.868		29.8 29.5 59.3			1.433 1.136 0.839		29.7 29.7 59.4		
	27.492	9.164		252.9		3.408	1.136		252.2	
		44.416					7.455			Cont'd on p. 6

F.B. 12000 PG. 5

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. H. Kleineck Weather Fair Inst. No. 50010
Notes by J. J. Lanigan Time Rod No. L-3 & L-4

Name Geod. Cont.-Sierra Madre
Job No. 4919
From BM. 53-P To SM. I-5
Date 11-8-'45
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
2	9.190	44.416	[illegible]	252.9	L-3	0.871	7.455	29.0	252.2	Backward Run. Cont'd from pg. 5
	8.900		[illegible]			0.581		29.2		
	8.606		58.4			0.289		58.2		
	26.696	8.899		311.3		1.741	0.580		310.4	
1	11.652		3[illegible]			1.629		36.1		
	11.300		35.6			1.268		36.1		
	10.944		70.8			0.907		72.2		
	33.896	11.299		382.1	60°F	3.804	1.268		382.6	
										Summation of Run Triang. Sta. "Sierra Madre I-5 to B.M. 53-P
										Total Backsights = + 64.614
										" Foresights = − 9.303
										Diff in Elevation = + 55.311
				382.1					382.6	
		64.614					9.303			

F. J. STEVENSON
DEC 26 1945

F.B. 1200 PG. 6

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.W. Kleineck Weather Fair Inst. No. 50010
Notes by G.W.K. Time 9:45 to 10:50 A.M. Rod No. L-3 & L-4

Name Geod. [illegible] Sign & Madr
Job No. 49[illegible]9
From S.M. I-5 To S.M. I-69
Date 11-8-45
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
1	2.321 2.023 1.726 6070	2023	29.8 29.7 59.5	595	L-3 62°F	8.820 8.522 8.228 25570	8523	29.8 29.4 59.2	592	Forward Run
2	1160 0.785 0411 2356	0785	37.5 37.4 74.9	1344		9.390 9.018 8.642 27050	9017	37.2 37.6 74.8	1340	
3	1.408 0.987 0.563 2958	0986	42.1 42.4 84.5	2189		9.342 8.920 8.498 26.760	8920	42.2 42.2 84.4	2184	
4	1.410 0.911 0.411 2732	0911	49.9 50.0 99.9	3188		9.441 8.942 8.442 26825	8942	49.9 50.0 99.9	3183	H.E.H. 12/21/4[illegible]
5	1.870 1.300 0.728 3898	1299	57.0 57.2 114.2	4330		9.125 8.550 7.972 25647	8549	57.5 57.8 115.3	4336	
		6004					43951			

F.B. 1700 PG. 7

Contd on 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. W. Kleineck Weather Fair Inst. No. 50010
Notes by GWK Time Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. I-5 To S.M. I-6A
Date 11-8-45
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	2.001	6.004	59.8	433.0	L-3	10.581	43.951	60.0	433.6	Forward Run.
	1.403		59.8			9.981		60.1		Cont'd from pg. 7.
	0.805		119.6			9.380		120.1		
	4.209	1.403		552.6		29.942	9.981		553.7	
7	1.567		42.5			8.629		42.4		
	1.142		42.2			8.205		42.3		
	0.720		84.7			7.782		84.7		Summation of Run.
	3.429	1.143		637.3		24.616	8.205		638.4	Triang. Sta. "Sierra Madre
8	2.251		59.2			8.738		59.8		I-5" to Trav. Sta.
	1.659		59.9			8.140		59.9		"Sierra Madre I-6A"
	1.060		119.1			7.541		119.7		
	4.970	1.657		756.4		24.419	8.140		758.1	Total Backsights = + 13.693
9	3.894		40.8			8.795		41.3		" Foresights = − 78.660
	3.486		40.7			8.382		41.1		Diff. in Elev'tn = − 64.967
	3.079		81.5			7.971		82.4		
	10.459	3.486		837.9	62°F	25.148	8.383		840.5	
				837.9					840.5	
		13.693					78.660			

F. J. STEVENSON
DEC 26 1945

F.B. 1200 PG. 8

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. W. Kleineck Weather Fair Inst. No. 50010
Notes by J. J. Lanigan Time 2:30 To 4:00 PM Rod No. L-3 & L-4

Name Geod. Cont. [illegible]
Job No. 4919
From SM I-5 To [illegible] I-6[illegible]
Date 11-8-'45
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
9	8.720		41.1		L-3	3.820		41.0		Backward Run.
	8.309		41.2			3.410		40.9		
	7.897		82.3			3.001		81.9		
	24.926	8.309		82.3	66°F	10.231	3.410		81.9	
8	8.791		59.3			2.311		60.0		
	8.198		59.8			1.711		59.9		
	7.600		119.1			1.112		119.9		
	24.589	8.196		201.4		5.134	1.711		201.8	
7	8.721		42.4			1.658		42.5		
	8.297		42.6			1.233		42.2		
	7.871		85.0			0.811		84.7		
	24.889	8.296		286.4		3.702	1.234		286.5	
6	10.581		60.0			2.004		59.9		
	9.981		60.1			1.405		59.9		
	9.380		120.1			0.806		119.8		
	29.942	9.981		406.5		4.215	1.405		406.3	[illegible]
5	9.128		57.4			1.879		57.7		
	8.554		57.3			1.302		57.9		
	7.981		114.7			0.728		115.1		
	25.663	8.554		521.2		3.909	1.303		521.4	
		43.336					9.063			

F.B. 1200 PG. 9

Cont'd on pg. 10

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.W. Kleineck Weather Fair Inst. No. 50010
Notes by J.J. Lanigan Time Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM I-5 To SM I-6A
Date 11-8-'45
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	9.487	93336	49.9	521.2	L-3	1.454	9.063	49.6	521.4	Backward Run
	8.988		50.0			0.958		50.0		Cont'd from pg. 9.
	8.488		99.9			0.458		99.6		
	26.963	8.988		621.1		2.870	0.957		621.0	
3	9.388		42.0			1.458		42.6		
	8.968		42.0			1.032		42.2		
	8.548		84.0			0.610		84.8		
	26.904	8.968		705.1		3.100	1.033		705.8	
2	9.473		37.3			1.241		37.3		Summation of Run.
	9.100		37.6			0.868		37.5		Trav. Sta. "Sierra Madre
	8.724		74.9			0.493		74.7		I-6A" to Triang. Sta.
	27.297	9.099		780.0		2.602	0.867		780.6	
1	8.902		29.6			2.402		29.7		"Sierra Madre I-5"
	8.606		29.6			2.107		29.8		
	8.310		59.2			1.809		59.5		Total Backsights = +78.997
	25.818	8.606		839.2	64°F	6.320	2.107		840.1	" Foresights = −14.027
										Diff. in Elev'th = +64.970
		78.997					14.027			

F.B. 1200 PG. 10

F. J. STEVENSON
DEC 26 1945

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. W. Kleineck Weather Fair Inst. No. 50010
Notes by G.W.K Time 11:15 AM - 12:15 M Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From 5M. I-6A To 5 7. H-6
Date 11-8-'45
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	9.710 8.950 8.199 26.859	8.953	76.0 75.1 151.1	151.1	L-3 62°F	4.078 3.324 2.568 9.970	3.323	75.4 75.6 151.0	151.0	Forward Pump
2	7.907 7.151 6.398 21.456	7.152	75.6 75.3 150.9	302.0		4.060 3.302 2.545 9.907	3.302	75.8 75.7 151.5	302.5	
3	8.135 7.380 6.621 22.136	7.379	75.5 75.9 151.4	453.4		3.630 2.870 2.119 8.619	2.873	76.0 75.1 151.1	453.6	
4	7.909 7.150 6.391 21.450	7.150	75.9 75.9 151.8	605.2		4.382 3.623 2.863 10.868	3.623	75.9 76.0 151.9	605.5	H.E.H. 12½ [illegible]
5	7.023 6.280 5.532 18.8[illegible]	[illegible] 36.912	74.3 74.8 149.1	754.3		3.742 2.989 2.237 8.968	2.989 16.110	75.3 75.2 150.5	756.0	

F.B. 1200 PG. 11

Cont'd on pg. 12

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. W. Hossack Weather Fair Inst. No. 50010
Notes by G.W.H. Time Rod No. L-3 + L-4

Name Geod. Lev. - Sierra Madre
Job No. 4919
From SM T-69 To SM H-6
Date 11-8-45
Indexed W. 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
	8.548	36.912	747	754.3	L-3	4.219	10.110	754	756.0	Forward Run.
6	7.801		750			3.465		755		Contd from pg. 11
	7.051		149.7			2.710		150.9		
	23.400	7.200		9040		10.394	3.365		9069	
	7.201		573			4.819		589		
7	6.628		577			4.230		581		
	6.051		115.0			3.644		117.5		
	19.880	6.627		10190	66°F	12.693	4.231		10264	
										Summation of Run. Trav. Sta. "Sierra Madre I-69" to Trav. Sta. "Sierra Madre 4-6"
										Total Backsight = + 51.339
										" Foresight = - 23806
										Diff. in Elevtn = + 27.533
				10190					10264	

F.B. 1202 PG. 12

51339

23806

F. J. STEVENSON
DEC 26 1945

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.W. Kleineck Weather Fair Inst. No. 50010
Notes by J.J. Lanigan Time 1:15 To 2:15 PM Rod No. L-3 + L-4

Name [illegible]
Job No. 4919
From SM I-6A To SM H-6
Date 11-8-45
Indexed A. C. [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
7	4.905		58.3		L-3	7.298		57.8		Backward R[illegible]
	4.322		58.3			6.720		57.9		
	3.739		116.6			6.141		115.7		
	12.966	4.322		116.6	68°F	20.159	6.720		115.7	
6	4.190		75.0			8.512		75.1		
	3.430		75.0			7.761		75.1		
	2.680		150.0			7.010		150.2		
	10.290	3.430		266.6		23.283	7.761		265.9	
5	3.845		74.7			7.134		75.0		
	3.098		75.0			6.384		75.3		
	2.348		149.7			5.631				H. E. H. 12/[illegible]
	9.291	3.097		416.3		19.149	6.383	150.3	416.2	
4	4.543		75.6			8.069		75.9		
	3.787		75.7			7.310		76.0		
	3.030		151.3			6.550		151.9		
	11.360	3.787		567.6		21.929	7.310		568.1	
3	3.651		75.9			8.159		75.9		
	2.892		75.4			7.400		75.7		
	2.139		151.3			6.643		151.6		
	8.68[illegible]	2.894		718.9		22.202	7.401		719.7	
		17.530					35.575			

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

Contd on page 14

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.W. Kleineck Weather Fair Inst. No. 50010
Notes by J.J. Lanigan Time Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. I-6A To S.M. H-6
Date 11-8-45
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
2	4.062	17.530	75.5	718.9	L-3	7.911	35.575	75.7	719.7	Backward Run.
	3.307		75.8			7.154		75.8		Cont'd from pg. 13
	2.549		151.3			6.396		151.5		
	9.918	3.306		870.2		21.461	7.154		871.2	
1	4.030		75.9			9.662		75.7		
	3.271		75.8			8.905		75.9		
	2.513		151.7			8.146		151.6		
	9.814	3.271		1021.9	74°F	26.713	8.904		1022.8	
										Summation of Run From Trav. Sta. "Sierra Madre H-6" to Trav. Sta. "Sierra Madre I-6A"
										Total Backsights = + 24.107
										" Foresights = - 51.633
										Diff. in Elev'tn = - 27.526.
				1021.9					1022.8	
		24.107					51.633			

F.B. 1200 PG. 14

F. J. STEVENSON
DEC 26 1945

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.W. Kleineck Weather Clear Inst. No. 50010
Notes by G.W.K. Time 9:40 to 10:40 A.M. Rod No. L-3+L-4

Name Geod. Cont. Sierra Madre
Job No. 4919
From S.M. H-6 To S.M. G-6E
Date 11-13-'45
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	8.622 7.871 7.126 23.619	7.873	75.1 74.5 149.6	149.6	L-3 67°F	3.680 2.927 2.175 8.782	2.927	75.3 75.2 150.5	150.5	Forward Run
2	8.131 7.384 6.639 22.154	7.385	74.7 74.5 149.2	298.8		2.663 1.910 1.161 5.734	1.911	75.3 74.9 150.2	300.7	
3	9.240 8.491 7.742 25.473	8.491	74.9 74.9 149.8	448.6		2.830 2.080 1.330 6.240	2.080	75.0 75.0 150.0	450.7	
4	8.601 7.856 7.109 23.566	7.855	74.5 74.7 149.2	597.8		2.246 1.490 0.740 4.476	1.492	75.6 75.0 150.6	601.3	H.E.H. 12/2[illegible]5
5	8.871 8.323 7.771 24.965	8.322	54.8 55.2 110.0	707.8		1.858 1.309 0.762 3.929	1.310	54.9 54.7 109.6	710.9	
		39.926					9.720			

F.B. 12[illegible] PG. 1[illegible]

Contd on 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.W. Kleineck Weather Clear Inst. No. 50012
Notes by G.W.K. Time 9:40 to 10:40 AM Rod No. L-3 + L-4

Name Geod. Cont.-Sierra Madre
Job No. 4919
From S.M. H-6 To S.M. G-6A
Date 11-13-'45
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	9.610	39.926	54.6	707.8	L-3	1.676	9.120	54.9	710.9	Forward Run.
	9.064		54.4			1.127		54.9		Cont'd from pg. 15.
	8.520		109.0			0.578		109.8		
	27.194	9.065		816.8		3.381	1.127		820.7	
7	9.910		54.8			1.809		55.0		
	9.362		54.3			1.259		55.2		
	8.819		109.1			0.707		110.2		
	28.091	9.364		925.9		3.775	1.258		930.9	
8	7.031		25.1			4.981		25.1		Summation of Run.
	6.780		25.4			4.730		24.9		Trav. Sta. "Sierra Madre H-6"
	6.526		50.5			4.481		50.0		to "Sierra Madre G-6A"
	20.337	6.779		976.4	70°F	14.192	4.731		980.9	
										Total Backsights = + 65.134
										" Foresights = − 16.836
										Diff. in Elev'tn = + 48.298
				976.4					980.9	
		65.134					16.836			

F.B. 1200 PG. 16

F. J. STEVENSON
DEC 26 1945

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.W. Flemrock Weather Clear Inst. No. 50010
Notes by J. Lanigan Time 2:30 TO 3:30 PM Rod No. L-3 + L-4

Name Good Cont - Sierra Madre
Job No. 4919
From S.M. H-6 To S.M. G-6A
Date 11-13-'45
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
8	4.860 4.607 4.359 13.827	4.607	25.3 25.3 50.6	50.6	L-3 78°F	6.907 6.653 6.402 19.962	6.654	25.4 25.1 50.5	50.5	Backward Run
7	1.779 1.231 0.684 [illegible]	[illegible]	54.8 54.7 109.5	160.1		9.890 9.340 8.790 28.020	9.340	55.0 55.0 110.0	160.5	
6	1.699 [illegible] [illegible] [illegible]	[illegible]	54.9 54.8 109.7	269.8		9.639 9.090 8.541 [illegible]	9.090	54.9 54.9 109.8	270.3	H.E.H. 12/20/45
5	1.897 1.350 0.801 4.048	[illegible]	54.7 54.9 109.6	379.4		8.913 8.365 7.814 25.[illegible]	8.364	54.8 55.1 109.9	380.5	
4	2.379 [illegible] [illegible] 4.889	1.630	74.9 75.0 149.9	529.3		8.741 7.991 7.241 23.973	7.991	75.0 75.0 150.0	530.2	
		9.967					41439			Cont'd on pg. 17.

F.B. [illegible] 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.W. Kleineck Weather Clear Inst. No. 50010 Name Geod. Control - Sierra Madre
Notes by J. Lanigan Time Rod No. L-3 + L-4 Job No. 4919
From S.M. H-6 To S.M. G-6A
Date 11-13-45
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
3	2.881	9.967	75.0	529.3	L-3	9.39[illegible]	4.[illegible]39	74.9	530.2	Backward Run
	2.131		74.8			8.547		75.1		Cont'd from pg. 17.
	1.383		149.8			7.796		150.0		
	6.395	2.132		679.1		25.[illegible]39	8.[illegible]		680.2	
2	2.871		74.8			8.350		75.0		
	2.123		75.1			7.600		75.0		
	1.372		149.9			6.8[illegible]		150.0		
	6.366	2.122		829.0		20.8[illegible]	[illegible]		830.2	
1	3.909		75.0			8.851		74.9		Summation of Run.
	3.159		74.9			8.102		75.1		Trav. Sta. "Sierra Madre
	2.410		149.9			7.361		150.0		G-6A" to "Sierra Madre
	9.479	[illegible]		9[illegible]	82°F	24.304	8.[illegible]		980.2	H-6"
										Total Backsights = +17.380
										" Foresights = −65.686
										Diff. in Elev'ts = −48.306
				9789					980.2	
	17.380					65.686				

F.B. 1200 PG. 18

F. J. STEVENSON
DEC 26 1945

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.W. Klemeack Weather Clear Inst. No. 50010
Notes by G.W.K. Time 10:40 AM to 12 M. Rod No. L-3 & L-4

Name Geodetic Section - Photo
Job No. 4019
From S.M. G-6 To ✓ T 7 F 62
Date 11-13-45
Indexed E. C. J.

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	10.007 9.460 1910 28377 ✓	9.459	54.7 55.0 109.7	219.7	L-3 70°F	2.525 1.980 1430 5935 ✓	1.978	54.5 55.0 109.5	109.5	Forward 1340
2	9.602 9.052 850.3 27157 ✓	9.052	55.0 54.9 109.9	219.6		1.462 0.918 0369 2749 ✓	0.916	54.4 54.9 109.3	218.8	
3	10.261 9.710 9.160 29131 ✓	9.710	55.1 55.0 110.1	329.7		1.848 1.301 0755 3.904 ✓	1.301	54.7 54.6 109.3	328.1	
4	9.601 9.057 8.512 27170 ✓	9.057	54.4 54.5 108.9	438.6		1.791 1.241 0689 3721 ✓	1.240	55.0 55.2 110.2	438.3	P.E.M. 12/20/45
5	9.504 8.960 8446 26878 ✓	8.959	54.4 54.6 109.0	547.6		1.978 1.428 0878 4284 ✓	1.428	55.0 55.0 110.0	548.3	F.B. 12 PG. 19
		46.237 ✓					6.863 ✓			Cont'd on 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.W. Kleineck Weather Clear Inst. No. 50010
Notes by G.W.K. Time Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. G-6A To S.M. F-6B
Date 11-13-45
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	9.090 8.545 8.001 25.636	46.237 8.545	54.5 54.4 108.9	547.6 656.5	L-3	1.841 1.290 0.740 3.871	6.863 1.290	55.1 55.0 110.1	548.3 658.4	Forward Run. Conto from pg. 19.
7	9.982 9.331 8.682 27.995	9.332	65.1 64.9 130.0	786.5		2.100 1.449 0.800 4.349	1.450	65.1 64.9 130.0	788.4	
8	9.848 9.101 8.349 27.298	9.099	74.7 75.2 149.9	936.4		2.020 1.268 0.520 3.808	1.269	75.2 74.8 150.0	938.4	Summation of Run Trav. Sta. "Sierra Madre G-6A" to "Sierra Madre F-6B"
9	9.844 9.094 8.348 27.286	9.095	75.0 74.6 149.6	1086.0		1.735 0.985 0.234 2.954	0.985	75.0 75.1 150.1	1088.5	Total Backsights = + 91.499 " Foresights = − 13.809 Diff. in Elev't'n = + 77.690
10	9.852 9.192 8.528 27.572	9.191	66.0 66.4 132.4	1218.4	74°F	2.620 1.950 1.285 5.855	1.952	67.0 66.5 133.5	1222.0	
		91.499					13.809			

F.B. 1200 PG. 20

F. J. STEVENSON
DEC 26 1945

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 Cook H. Hancock Weather Clear Inst. No. 5001D
Notes by J. Lanigan Time 1:00 To 2:00 PM. Rod No. L-3 & L-4

Name Send. to T.5 & Mad.2
Job No. 4917
From TM. 5-6.2 To [illegible]
Date 11-13-45
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
10	2.629 1.961 1.296		66.8 66.5 133.3		L-3	9.870 9.213 8.577		66.7 66.6 133.3		Backward Run.
	5.896	1.962		132.3	81°F	27.610	9.203		133.3	
9	1.852 1.103 0.353		74.9 75.0 149.9			9.970 9.519 8.469		75.1 75.0 150.1		
	3.308	1.103		283.2		27.958	9.319		243.4	
8	2.910 1.260 0.509		73.8 [illegible]			9.841 9.091 8.343		75.0 74.8 149.8		
	4.679	1.560		433.3		27.275	9.092		433.2	
7	2.130 1.282 0.434		69.9 65.1 129.9			10.011 9.366 8.718		69.5 64.8 129.3		H. E. H. 1/20/46
	3.846	1.281		563.2		28.095	9.365		362.5	
6	1.933 1.284 0.634		54.9 55.0 109.9			9.190 9.641 8.092		54.9 54.9 109.8		
	4.151	1.384		673.1		25.923	8.641		672.3	
		7.190					45.520			Contd on pg. 22.

F.B. 1720 PG. 71

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 Carl Heinrich Weather Clear Inst. No. 50010
Notes by J. Lonigan Time Rod No. L-2 + L-4

Name Geod. Coll. - Sierra Madre
Job No. 4919
From Tri. G-6A To Tri. F-6B
Date 11-13-45
Indexed A. C. Peterson

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	2.031	1.483	54.7	782.8	L-2	9.567	9.019	54.8	782.0	Backward Run. Contd from pg. 21
	1.484		55.0			9.019		54.7		
	0.934		✓109.7			8.470		✓109.7		
	4.449					27.056				
4	1.887	1.340	54.7	892.3		9.707	9.159	54.8	891.1	
	1.341		54.8			9.159		55.0		
	0.792		✓109.5			8.609		✓109.8		
	4.019					27.475				
3	1.871	1.324	54.7	1001.6		10.287	9.138	54.8	1001.8	Summation of Run Trav. Sta. "Sierra Madre F-6B" to Trav. Sta. "Sierra Madre G-6A"
	1.324		54.6			9.732		55.2		
	0.778		✓109.3			9.187		✓110.0		
	3.973					29.213				
2	1.532	0.987	54.4	1110.8		9.670	9.122	54.8	1111.4	Total Backsights = + 14.294 ✓
	0.948		54.8			9.122		54.8		" Fore sights = − 92.007 ✓
	0.440		✓109.2			8.574		✓109.6		Diff. in Elv'ns = − 77.713 ✓
	2.966					27.366				
1	2.518	1.970	54.8	1220.4	78°F	10.000	9.450	55.0	1221.3	
	1.970		54.8			9.450		54.9		
	1.422		✓109.6			8.901		✓109.9		
	5.910					28.351				

F.B. 1200 pg. 22

14.294 ✓ 92.007 ✓

F. J. STEVENSON
DEC 26 1945

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 [illegible] Klemeck Weather Clear Inst. No. 50010
Notes by G.W.K. Time 8:15-9:40 AM Rod No. L-3 + L-4

Name Good Cont - Sier 1 Mad
Job No. 4914
From S.M. G-6A To M F-6-3
Date 11-14-45
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	9.828 9.280 8.730 27.838	9.279	54.8 55.0 109.8	109.8	L-3 66°F	2.348 1.802 1.252 5.402	1.801	54.6 55.0 109.6	109.6	Forward & 3rd Run See pages 17-22 incl.
2	9.483 8.938 8.390 26.811	8.937	54.5 54.8 109.3	219.1		1.350 0.801 0.250 2.401	0.800	54.9 55.1 110.0	219.6	
3	10.281 9.739 9.190 29.210	9.737	54.2 54.9 109.1	328.2		1.872 1.322 0.771 3.965	1.322	55.0 55.1 110.1	329.7	H.E.H. 12/2/4.
4	9.671 9.122 8.572 27.365	9.122	54.9 55.0 109.9	438.1		1.858 1.308 0.760 3.926	1.309	55.0 54.8 109.8	439.5	
5	9.598 9.049 8.501 27.148	9.049	54.9 54.8 109.7	547.8		2.063 1.513 0.965 4.541	1.514	55.0 54.8 109.8	549.3	
		46.124					6.746			

Contd on pg. 24.

F.B. [illegible] 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.W. Heimerl Weather Clear Inst. No. 50010
Notes by G.W.H. Time Rod No. L-3 - L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From Sta. G-69 To Sta. F-62B
Date 11-12-45
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	9168 8620 8072 25860	8620	548 548 1096 6574	547.8	L-3	1919 1367 0815 4101	1367	552 552 1104 6597	549.3	Forward & 3rd Run. Contd from pg. 23.
7	9979 9331 8689 27999	9333	648 642 1290 7864			2069 1418 0763 4250	1417	651 655 1306 7903		
8	9862 9116 8370 27348	9116	746 746 1492 9356			2071 1321 0570 3962	1321	750 751 1501 9404		Summation of Run. Trav. Sta. "Sierra Madre G-69" to Trav. Sta. "Sierra Madre F-62".
9	9989 9248 8500 27737	9246	741 748 1489 10845			1881 1129 0378 3388	1129	752 751 1503 10907		Total Backsights = +91.724 " Foresights = −14.026 Diff. in Elevs = +77.698
10	9950 9285 8620 27855	9285	665 665 1330 12175	72°F		2710 2049 1380 6137	2046	661 661 1322 12229		
		91.724					14.026			

F.B. 1202 PG. 24

F. J. CLEVENGER
DEC 26 1945

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 Sinclair/Breck Weather Fair Inst. No. 50010
Notes by G.N.K. Time 9:45–10:45 A.M. Rod No. L-3 & L-4

Name Geod. Cont. - Z. to Zuo 3
Job No. 4919
From SM. F-6B To SM. E-6
Date 11-14-45
Indexed C.C.J.

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	9.528 8.779 8.025 26.332	8.777	74.9 74.4 149.3	149.3	L-3 74°F	2.200 1.451 0.706 4.357	1.452	74.9 74.5 149.4	149.4	Forward Run
2	9.588 8.840 8.090 26.518	8.839	74.8 75.0 149.8	299.1		2.762 2.010 1.261 6.033	2.011	75.2 74.9 150.1	299.5	
3	9.141 8.391 7.648 25.180	8.393	75.0 74.3 149.3	448.4		3.264 2.511 1.762 7.537	2.512	75.3 74.9 150.2	449.7	H.E.H. 12/2/45
4	8.191 7.446 6.699 22.336	7.445	74.5 74.7 149.2	597.6		3.744 3.000 2.249 8.998	2.999	74.9 75.1 150.0	599.7	
5	7.909 7.161 6.411 21.481	7.160	74.8 75.0 149.8	747.4		4.481 3.729 2.982 11.192	3.731	75.2 74.7 149.9	749.6	
		40.614 ✓					12.705 ✓			Contd on pg. 26.

F.B. 1200 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.W. Klemeck Weather Fair Inst. No. 50016
Notes by GWK Time Rod No. L-3 & L-4

Name Good Cont. - Sierra Madre
Job No. 4919
From S.M. F-6B To S.M. E-6
Date 11-14-45
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	5.615 4.865 4.110 14.590	40.614 4.863	75.0 75.5 150.5	747.4 8979	L-3	3.147 2.399 1.647 7.193	12.705 2.398	74.8 75.2 150.0	749.6 8996	Forward Run. Cont'd from pg. 25.
7	10.950 10.318 9.680 30.948	10.316	63.2 63.8 127.0	1024.9	78°F	2.751 2.110 1.469 6.330	2.110	64.1 64.1 128.2	1027.8	
										Summation of Run. Trav. Sta. "Sierra Madre F-6B" to Trav. Sta. "Sierra Madre E-6"
										Total Backsights = + 55.793 " Foresights = − 17.213 Diff. in Elev'tn = + 38.580
				1024.9					1027.8	
		55.793					17.213			

F.B. 1200 PG. 26

F. J. STEVENSON
DEC 26 1945

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.W. Weimer Weather Fair Inst. No. 50010
Notes by J. Lanigan Time 2:15-3:00 P.M. Rod No. L-3 + L-4

Name Flood Cont. - T. 1 N. R 10 E
Job No. 4919
From SM F-6.3 To T. E-6
Date 11-14-45
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
7	2.911 2.373 1.832 6.616	2.372	63.8 64.1 127.9	127.9	76°F	11.119 10.993 9.991 31.493	10.498	63.9 63.9 127.8	127.8	Backward Sur 7
6	3.318 2.561 1.823 7.702		75.3 74.8 149.8	277.7		5.793 5.032 4.282 15.107		75.1 75.7 150.8	278.6	
5	4.696 3.919 3.139 11.754	3.918	74.7 75.0 149.7	427.4		8.100 7.360 6.620 22.080		75.0 75.0 150.0	428.6	H.I. 4. 1.4 2
4	4.049 3.311 2.573 9.933	3.300	74.9 73.0 147.9	577.3		8.799 8.049 7.300 24.148	8.049	75.0 74.9 149.9	578.5	
3	3.147 2.398 1.647 7.192	2.397	74.9 75.1 150.0	727.3		9.026 8.279 7.528 24.833	8.278	74.7 75.1 49.8	728.3	
		14.456					38.894			Cont'd on Pg 28

F.B. 1200 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.W. Hlawek Weather Fair Inst. No. 50010 Name Geod. Cont.-Sierra Madre
Notes by J. Lanigan Time Rod No. L-3 + L-4 Job No. 4919
From S.M. F-6B To S.M. E-6
Date 11-14-'45
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
2	2.926	14.456	74.6	727.3	L-3	9.597	38.[illegible]94	75.0	728.3	Backward Run.
	2.180		75.0			8.847		75.1		Cont'd from pg. 27.
	1.430		149.6			8.096		150.1		
	6.536	2.179		876.9		26.540	8.[illegible]47		878.4	
1	2.089		75.0			9.574		74.9		
	1.339		74.9			8.825		75.2		
	0.590		149.9			8.073		150.1		
	4.018	1.339		1026.8	76°F	26.472	8.[illegible]24		1028.5	
										Summation of Run. Trav. Sta. "Sierra Madre E-6" to Trav. Sta.
										"Sierra Madre F-6B"
										Total Backsights = + 17.974
										" Fore Sights = − 56.565
										Diff. in Elev'ts = − 38.591
				1026.8					1028.5	
		17.974					56.565			

F.B. 1200 PG. 28

F. J. STEVENSON

[illegible] 26 1945

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 Sur. Howard Weather Fair Inst. No. 5212
Notes by G.W.T. Time 10:50 to 11:02 Rod No. L-3 & L-4

Name Good Cor. & mo Mon 21
Job No. 4919
From SM E-6 To 7 E-6
Date 11-14-45
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	8.330		.520		L-3	4.650		52.5		Forward Sta 2
	7.810		52.1			4.125		52.4		
	7.289					3.601		104.9		
	23.429	7.810		104.1	78°F	12.376	4.125		104.9	
2	8.130		57.5			4.653		57.8		
	7.535		59.6			4.035		60.0		
	6.929		119.1			3.435		119.8		
	22.604	7.535		223.7		13.103	4.367		224.7	
3	9.510		74.7			4.621		75.1		F. E. H. 2/21
	8.763		74.4			3.870		75.0		
	8.019		149.1			3.120		150.1		
	26.292	8.764		372.3	78°F	11.611	3.870		374.8	
										Summary of Elevations Trav. Sta. "Sierra" to E-6" 5 Trav. Sta. from "Sierra" to E-6"
										Total Backsights = 234.109
										" Foresights = 9.029
										Diff in Elevation = 15.080
			372.3						374.8	
		24.109					9.029			

F.B. 1210 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 [illegible] Weather ..... Inst. No. 50010
Notes by ..... Time ..... Rod No. L-37L-4

Name Geod. Cont. - Sierra Madre
Job No. 4319
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. 1200 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. W. Kleineck Weather Fair Inst. No. 50010
Notes by J. Lanigan Time 1:50 To 2:05 P.M. Rod No. L-3 & L-4

Name Geod. Cont. - [illegible]
Job No. 4919
From S.M. E-6 To S.M. E-6A
Date 11-14-45
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
3	4.755 4.008 3.259 12.0[illegible]	4.007	74.7 74.9 149.6	149.6	L-3 78°F	9.650 8.900 8.150 26.700	8.900	75.0 75.0 150.0	150.0	Backward Run
2	1.736 1.139 0.540 3.415	1.138	59.7 59.9 119.6	269.2		8.240 7.641 7.043 [illegible]4	7.641	59.9 59.8 119.7	269.7	H.E.H. 12/[illegible]/45
1	4.717 4.190 3.668 12.575	4.193	52.7 52.2 104.9	374.1	76°F	8.399 7.874 7.351 23.624	7.875	52.3 52.5 104.8	374.5	Summation of Sum Trav. Sta. "Sierra Madre E-6A" to Trav. Sta. "Sierra Madre E 6"
										Total Backsights = 9.337 " Foresights = 24.416 Diff. in Elev'ts = 15.079
		9.337		374.1			24.416		374.5	

F.B. 1200 PG. 31

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.W. Kleineck Weather ..... Inst. No. 50010
Notes by ..... Time ..... Rod No. L-3 + L-4

Name Good Cut - Sierra Madre
Job No. 4919
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. 1200 PG. 32

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.W. Hamer Weather Fair Inst. No. 5010
Notes by G.W.H. Time 11:00-11:45 AM Rod No. L-2 & L-4

Name Geod. Cont. - Y 33 T3N R3
Job No. 4919
From SM E-6A To Y 7 D6 E
Date 11-14-45
Indexed A. C. Johns

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	6.165 5.590 5.019		.575 57.1		L-3	7.250 6.671 6.095		.579 57.6		Forward Rm
	16.774	5.591		1146	78°F	20.016	6.672		1155	
2	5.110 4.360 3.610		75.0 75.0 150.0			5.620 4.870 4.121		75.0 74.9 149.9		
	13.080	4.360		2646		14.611	4.870		2654	
3	7.831 7.085 6.340		.746 74.5 149.1			5.911 5.161 4.408		75.0 75.3 150.3		Rm H 1 Pt 45
	21.256	7.085		4137		15.480	5.160		4157	
4	5.160 4.409 3.661		75.1 74.8 149.9			6.367 5.618 4.867		74.9 75.1 150.0		
	13.730	4.410		5636		16.852	5.617		5657	
5	5.311 4.565 3.817		74.6 74.8 149.4			6.182 5.435 4.686		74.7 74.9 149.6		
	13.693	4.564		7130		16.303	5.434		7153	
		26.010					27.753			Cont'd on pg. 34

F.B. 1200 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.W. Klemeck Weather Fair Inst. No. 50010
Notes by G.W.K. Time Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM. E6A To SM. D-6B
Date 11-14-'45
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
	4844	26.010	75.0	713.0	L-3	7380	27.753	75.0	715.3	Forward Run
6	4094		75.1			6630		74.9		Cont'd from pg. 33.
	3343		150.1			5881		149.9		
	12281	4094		863.1	82°F	19891	6630		865.2	
										Summation of Run Trav. Sta. "Sierra Madre E-6A" to Trav. Sta. "Sierra Madre D-6B"
										Total Backsights = + 30.104
										" Foresights = - 34.383
										Diff. in Elev'ts = - 4.279
				863.1					865.2	
		30104					34383			

F. J. STEVENSON

F.B. 1200 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 J.W. Heinen Weather Fair Inst. No. 5010
Notes by J. Lanigan Time 1:00-1:40 PM Rod No. L-3 & L-4

Name Flood Cont. - Line 5 to 6
Job No. 4919
From SM E-62 To 7 D-6
Date 11-14-45
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
6	7.450 6.700 5.951 20.101 ✓	6.700	75.0 74.9 149.9	149.9	L-3 90°F	4.919 4.167 3.413 12.499 ✓	4.166 ✓	75.2 75.4 150.6	150.6	Backward E-62
5	6.267 5.518 4.767 16.552 ✓	5.518	74.9 75.0 149.9	299.8		5.398 4.649 3.899 13.946 ✓	4.649 ✓	74.9 75.0 149.9	300.5	
4	6.452 5.705 4.956 17.113 ✓	5.704 ✓	74.7 74.9 149.6	449.4		6.249 5.499 4.748 13.496 ✓	4.499 ✓	75.0 75.1 150.1	450.6	H.E.H. 12/20/45
3	5.965 5.219 4.469 15.653 ✓	5.217 ✓	74.6 75.1 149.7	599.1		7.895 7.145 6.394 21.434 ✓	7.144 ✓	74.7 75.1 149.8	600.4	
2	5.746 4.999 4.249 14.994 ✓	4.998 ✓	74.7 75.1 149.8	749.9		5.239 4.489 3.740 13.468 ✓	4.489 ✓	75.0 74.9 149.9	750.3	
		28.137 ✓					24.947 ✓			Cont'd on p. 36

F.B. 1220 PG. 31

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. W. Kleineck Weather Fair Inst. No. 50010
Notes by J. Lanigan Time Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM. E-6A To SM. D-6B
Date 11-14-45
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
	7.357	28.137	57.7	748.9	L-3	6.270	24.[illegible]	57.1	750.3	Backward Run
1	6.780		57.7			5.69[illegible]		57.8		Cont'd from pg. 35
	6.203		115.4			5.121		114.9		
	20.340	6.780		864.3	78°F	17.09[illegible]	5.[illegible]7		865.2	
										Summation of Run Trav. Sta. "Sierra Madre D-6B" to Trav. Sta. "Sierra Madre E-6A"
										Total Backsights = + 34.917
										" Foresights = - 30.644
										Diff. in Elev'ts = + 4.273
				864.3					865.2	
		34.917					30.644			

F.B. 1200 PG. 36

F. J. STEVENSON

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 [illegible] Weather Overcast Inst. No. 50010
Notes by G.W.K. Time 8:45 - 10:00 A.M. Rod No. L-3 & L-4

Name Geod. Cort. [illegible]
Job No. 4919
From [illegible] D-6-3 To [illegible] I-5
Date 11-15-45
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
1	10.248 9.912 9.580 29.740	9.913	33.6 33.2 66.8	66.8	L-3 62° F	1.817 1.478 1.138 4.433	1.478	33.9 34.0 67.9	67.9	Forward Run
2	10.242 9.848 9.450 29.540	9.847	39.4 39.8 79.2	146.0		1.697 1.300 0.902 3.899	1.300	[illegible] 39.8 79.5	147.4	
3	9.321 8.972 8.627 26.920	8.973	34.9 34.5 69.4	215.4		1.510 1.167 0.821 3.498	1.166	34.3 34.6 68.9	216.3	
4	9.352 9.003 8.654 27.009	9.003	34.9 34.9 69.8	285.2		1.569 1.221 0.878 3.668	1.223	34.8 34.3 69.1	285.4	
5	9.162 8.842 8.522 26.526	8.842	32.0 32.0 64.0	349.2		1.328 1.002 0.681 3.011	1.004	32.6 32.1 64.7	350.1	
		46.578					6.171			

Cont'd on pg. 38

F.B. 1200 PG. 37

E. J. STEVENSON
DEC 26 1945

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.W. Kleineck Weather Overcast Inst. No. 50010
Notes by G.W.K. Time Rod No. L-3 + L-4

Name Geod. Cont.-Sierra Madre
Job No. 4919
From SM D-6B To SM D-5
Date 11-15-45
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	9.950 9.610 9.240 28.830	46.578 9.610	37.0 37.0 74.0	349.2 423.2	L-3	1.516 1.142 0.7[illegible] 3.428	6.[illegible] 1.143	37.4 37.2 74.6	350.1 424.7	Forward Run Cont'd from pg. 37
7	8.839 8.541 8.245 25.625	8.542	29.8 29.6 59.4	482.6		1.580 1.2[illegible] 0.987 3.849	1.2[illegible]3	29.8 29.5 59.3	484.0	
8	9.175 8.880 8.582 26.637	8.879	29.5 29.8 59.3	541.9		1.782 1.484 1.188 4.454	1.485	29.8 29.6 59.4	543.4	
9	9.314 9.020 8.722 27.056	9.019	29.4 29.8 59.2	601.1		1.679 1.380 1.081 4.140	1.380	29.9 29.9 59.8	603.2	
10	9.270 8.971 8.672 26.913	8.971	29.9 29.9 59.8	660.9		1.541 1.247 0.951 3.739	1.246	29.4 29.6 59.0	662.2	
		91.599					12.708			

F.B. 1200 PG. 38

F. J. STEVE[illegible]
DEC 26 1945

Cont'd on 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.W. Heinrich Weather Overcast Inst. No. 50010
Notes by G.W.H. Time 2:45-10:00 P.M. Rod No. L-3 & L-4

Name Foot Cat. 5 mm Plate
Job No. 4919
From SM D-6 3 To SM D-6
Date 11-15-45
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
	8.791	9.592	29.3	660.9	L-3	1.500	12.908	29.9	662.2	
11	8.698		29.2			1.201		29.8		Forward B.M.
	8.401		59.5			0.903		59.7		Carried from pg. 6
	26.090	26.097		1195		3.604	12.901		721.9	
	9.629		29.9			1.332		29.2		
10	9.350		29.9			1.040		29.8		
	9.021		59.8			0.742		59.0		
	27.990	9.330		1199		3.114	10.371		780.9	
	9.409		29.7			1.529		29.8		
9	9.112		29.2			1.230		30.0		Summation of Elev.
	8.820		58.9			0.930		59.9		From 5" B. "Sidewalk
	27.341	9.114		899		3.689	12.290		840.8	D-6 5" to Top of
	10.160		29.9			2.437		29.2		Brass Plug 2"
11	9.561		29.9			2.141		29.4		
	9.562		59.8			1.847		59.7		
	29.583	9.861		898.4	66° F	6.427	21.42		900.0	Total Backsights = + 28.301
										" Foresights = - 18.319
										Diff. in Elevation = + 9.982
				1911					900	
		28.601					18.319			

F.B. 1111 PG. 39

E. J. STEVENSON
DEC 26 1945

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.W. Hancock Weather Overcast Inst. No. 5010
Notes by J. Lamigan Time 2:50 – 4:00 Rod No. L-3 & L-4

Name Flood Cont. - Imp. Works
Job No. 4919
From SCI. D-6.8 To SCI. D-5
Date 11-15-49
Indexed A. M. Johns

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
14	2.343 2.048 1.759 6.140	2.047	29.5 29.9 59.4	59.4	L-3 62°F	10.062 9.765 9.473 29.300	9.767	29.8 29.7 59.5	59.5	Backward Run.
13	1.623 1.324 1.026 3.973	1.324	29.7 29.7 59.4	118.8		9.537 9.240 8.943 27.720	9.240	29.7 29.7 59.4	118.9	
12	1.295 0.998 0.701 2.994	0.998	29.7 29.7 59.4	178.2		9.029 8.732 8.435 26.196	8.732	29.7 29.7 59.4	178.3	
11	1.834 1.537 1.240 4.611	1.537	29.7 29.8 59.5	237.7		8.521 8.224 7.927 24.672	8.224	29.7 29.7 59.4	237.8	
10	1.482 1.185 0.888 3.555	1.185	29.7 29.7 59.4	297.1		9.330 9.033 8.736 27.099	9.033	29.7 29.7 59.4	297.2	F. J. STEVENSON DEC 26 1949
		6.904					45.796			Notes on pg. 41.

F.B. 1220 PG. 40

1

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.W. Kleineck Weather Overcast Inst. No. 50010
Notes by [illegible] Lanigan Time Rod No. L-3 + L-4

Name Geod. Cont. [illegible]
Job No. 4919
From [illegible] To [illegible]
Date 11-15-'45
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
9	1.758 [illegible] [illegible] [illegible]	6.804	29.8 29.9 [illegible]	[illegible]	L-3	[illegible] [illegible] [illegible] [illegible]	45.[illegible]	[illegible] [illegible] 59.5	295.9	Backward [illegible] Contd from pg [illegible]
8	[illegible] [illegible] [illegible] [illegible]		[illegible] 29.[illegible] 59.5	418.0		9.[illegible] [illegible] [illegible] [illegible]		29.6 [illegible] [illegible]	414.6	
7	[illegible] [illegible] [illegible] [illegible]	75	29.6 29.[illegible] [illegible]	[illegible]		8.933 7.632 [illegible] [illegible]		[illegible] [illegible] [illegible]	3.8	H E H 12/2[illegible]
6	[illegible] [illegible] [illegible] [illegible]		37.4 37.4 [illegible]	552.0		[illegible] [illegible] [illegible] [illegible]	9.58[illegible]	37.0 37.3 [illegible]	548.1	
5	1.343 [illegible] [illegible] [illegible]		[illegible] 32.0 [illegible]	[illegible]63		[illegible] [illegible] [illegible] [illegible]		32.0 32.1 [illegible]	612.2	
		13.276					91.006			Contd on pg. [illegible]

F.B. 1200 PG. 41

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.W. Klemack Weather Clear Inst. No. T0216
Notes by J. Lanigan Time Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From Tri. D-6.3 To Tri. D-5
Date 11-15-45
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
4	1.506 1.160 0.811 3.477	1.159	34.6 34.9 69.5	616.3 685.8	L-3	9.091 8.941 8.611 26.643	8.881	35.0 35.0 70.0	611.2 682.2	Eastward Run Contd from pg. 41.
3	1.478 1.129 0.780 3.387	1.129	34.9 34.9 69.8	753.6		9.298 9.151 8.894 27.343	9.115	39.5 39.5 79.0	751.2	
2	1.751 1.354 0.956 4.061	1.354	39.7 39.8 79.5	927.1		10.392 10.251 9.960 29.603	9.867	39.8 39.9 79.7	1209	Summation of Run Trav. Sta. "Sierra Madre D-5 to Trav. Sta. "Sierra Madre D. 6 B"
1	1.955 1.622 1.289 4.866	1.622	33.3 33.3 66.6	992.4	60°F	10.392 10.059 9.726 30.177	10.059	33.3 33.3 66.6	898.1	Total Backsights = + 18551 " Foresights = −18605 Diff. in Elevs = −110.293
F.B. 1202 pg. 42				992.4					898.1	F. J. STEVENS
		18.551					18.605			DEC 26 1945

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.W. Hilmack Weather Partly Cloudy Inst. No. 5010
Notes by J. Corrigan Time 3:15 To 4:00 P.M. Rod No. L-2 & L-4

Name Geod Cont - San Madre
Job No. 4919
From S.M. 32-5 To [illegible]
Date 11-14-45
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
1	7.452 7.285 7.084		17.2 17.3 34.5		L-3	3.612 3.440 3.244		17.2 17.2 34.4		Forward Run
	21.821 ✓	7.251		34.5	72°	10.296 ✓	3.432		34.4	* Metropolitan Water Dept Bench Mark.
2	9.839 9.642 9.445		29.2 29.8 59.0			6.979 6.781 6.583		29.7 29.8 59.5		
	29.926 ✓	9.975		94.1		20.343 ✓	6.781		73.9	
3	13.078 12.879 12.680		39.1 39.3 78.4			9.778 9.644 9.505		32.1 32.1 64.2		HE 11 12/21 5
	38.637 ✓	12.879		158.5		28.927 ✓	9.642		158.1	
4	10.113 9.915 9.716		32.1 32.1 64.2			1.848 1.655 1.462		32.2 32.3 64.5		
	29.744 ✓	9.915		222.7		4.965 ✓	1.655		222.6	
5	9.310 9.112 8.913		29.8 29.9 59.7			1.721 1.423 1.126		29.8 29.7 59.5		
	27.340 ✓	9.113		291.9		4.270 ✓	1.423		291.1	
		49.853 ✓					7.518 ✓			Cont'd on pg. 44

F.B. 12100 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 G.W. Heinecke Weather Inst. No. 50010
Notes by J. Corrigan Time Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. D-5 To S.M. #53-T.
Date 11-14-45
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
6	9.387	44.862	29.7	281.9	L-3	1.550	7.518	29.5	252.1	Forward Run. Check from pg. 43
	9.093		29.2			1.256		29.5		
	8.792		29.4			0.962		29.9		
	27.272	9.090		341.4		3.768	1.256		341.1	
7	9.305		29.6			1.657		29.7		
	9.009		29.8			1.361		29.8		
	8.711		29.8			1.062		29.9		
	27.025	9.008		413.8		4.079	1.360		400.6	
8	7.981		19.4			3.656		19.6		Summit Sta. of Run Trav. Sta. Sierra Madre D-6 75° 15" N.W. on Gr. 53-T
	7.787		19.5			3.462		19.7		
	7.592		19.7			3.268		19.8		
	23.360	7.787		439.7	70° F	10.386	3.462		439.9	
F.B. 1212 PG. 44										Total Backsights = + 70.738 ✓ Total Foresights = - 13.602 ✓ Diff in Elevth = + 57.136 ✓
				439.7					439.9	

70.738 ✓ 13.602 ✓

F. J. STEVENOT
DEC 26 1945

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.H. Flowers Weather Fair Inst. No. 50216
Notes by G.W.H. Time 8:10 – 8:45 A.M. Rod No. L-3 ← L-4

Name Road Cont. - Sta. 19 to 20
Job No. 4919
From Sta. D-5 To Sta. 53+
Date 11-16-45
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
8	3.506 3.310 3.143 0019	3.330	196 197 393	39.3	L-3 56°F	7.852 7.658 7.463 2973	7.658	194 195 389	38.9	Back sta. 4 + 19.
7	1.628 1.330 1.031 4989	1.330	298 299 597	99.0		9.278 8.979 8680 26937	8.979	299 299 598	98.7	
6	1.502 1.207 0.912 3621	1.207	295 295 590	159.0		9.233 9.041 8.847 27121	9.041	298 299 597	158.6	H.I. H. = 134.1
5	1.621 1.324 1.026 3971	1.324	297 298 595	217.5		9.209 8.912 8619 26740	8.913	297 296 593	217.4	
4	1.301 0.981 0.660 2942	0.981	320 321 641	281.6		10.073 9.751 9.429 29253	9.751	322 322 644	291.8	
		8.182					44.342			Cont'd on pg. 46

F.B. 1200 PG. 45

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.W. Kleineck Weather Fair Inst. No. [illegible]
Notes by GWK Time Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM D-5 To BM #53-T
Date 11-16-45
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
3	0.960 0.638 0.316 1.914	8.182 0.638	32.2 32.2 64.4	281.6 346.0	L-3	10.[illegible] 9.761 9.440 29.283	44.342 9.761	32.1 32.1 64.2	281.8 346.0	Backward Run Cont'd from pg. 45.
2	1.345 1.049 0.752 3.146	1.049	29.6 29.7 59.3	405.3		9.391 9.091 8.791 27.273	9.[illegible]	30.0 30.0 60.0	406.0	
1	3.685 3.513 3.342 10.540	3.513	17.2 17.1 34.3	439.6		7.492 7.321 7.148 21.961	7.320	17.1 17.3 34.4	440.4	Sumation of Run BM #53-T to Trav. Sta "Sierra Madre D-5"
										Total Backsights = +13.382 " Foresights = -70.514 Diff. in Elev'ts = -57.132
				439.6	62°F				440.4	
		13.382					70.514			

F.B. 1200 PG. 46

F. J. STEVENSON
DEC. 26, 1945

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 E.M. Howard Weather Part. Cloud Inst. No. 5001
Notes by E.W.H. Time 12:10-1:35 PM Rod No. L-2 & L-4

Name Geod. Lvl. Line Plan 2
Job No. 4919
From BM #52-R To BM #52-R
Date 11-15-41
Indexed A.C. Thomas

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	7.107		210		L-3	2.548		210		Forward Run
	6.892		210			2.338		212		
	6682		420			2.126		424		
	20.676	6.892		420	68°F	7.012	2.337		422	
2	9.560		262			1.462		302		
	9.298		296			1.162		300		
	2962		591			0862		1002		
	27.820	9.257		1208		3.462	1.152		1024	
3	9.737		297			1.260		300		
	9440		217			0.960		298		
	9142		594			0662		598		
	28.320	9440		1602		2.882	0961		1620	
4	9682		297			1455		295		
	9385		296			1160		295		
	9089		593			0865		590		
	28156	9385		2195		3480	1160		2210	
5	9552		294			1451		296		
	9258		298			1155		296		
	8960		592			0859		592		
	27770	9257		7987		3465	1155		2084	
		18531				6.755				

Sheet on page 4

F.B. 1190 PG. 41

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 Erik Klaussen Weather Partly cl. Inst. No. D-212
Notes by Gurnett Time Rod No. L-3 & L-4

Name Geod. Cont. - Tim's Photo
Job No. 2117
From BM #52.1 To 55N. D-4A
Date 1-15-45
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
6	9.898	4.231	22.2	278.7	L-3	1.639	6.45	29.7	280.7	Forward Run.
	9.599		29.9			1.342		29.3		cont. from pg. 47.
	9.300		29.8			1.044		29.0		
	28.797	9.599		278.5		4.030	1.343		280.7	
7	9.448		29.8			1.272		29.2		
	9.150		29.8			0.975		29.5		
	8.852		29.6			0.680		29.2		
	27.450	9.150		278.1		2.927	0.975		278.6	
8	9.244		29.7			2.245		29.7		
	8.944		29.6			1.945		29.3		
	8.645		29.3			1.652		29.6		
	26.943	8.981		278.4	66°F	5.842	1.947		278.6	Summation of Run.
										B.M. #52.1 to Trav. Sta. "55N. D-4A"
										Total Backsights = + 72.294
										" Foresights = - 11.021
										Diff. in Elevtn = + 61.273
										F. J. STEVENS
				556.9					559.2	DEC. 7, 1945
		72.294					11.021			

F.B. 1212 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.W. Kleinack Weather Overcast Inst. No. [illegible]
Notes by J. Lanigan Time 2:00-2:40 PM Rod No. L-2 & L-4

Name Geod. [illegible]
Job No. 4919
From [illegible] To [illegible]
Date [illegible]
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
8	[illegible]		29.7		L-3	[illegible]		29.7		Backward [illegible]
	[illegible]		29.7			9.352		29.8		
	[illegible]		59.4			9.054		59.6		
	5.953	1.984		[illegible]	64°F	28.056	9.352		59.6	
7	1.321		29.8			[illegible]		[illegible]		
	1.023		29.6			[illegible]		[illegible]		
	[illegible]		59.4			[illegible]		[illegible]		
	[illegible]	[illegible]		118.8		[illegible]	[illegible]		118.8	
6	1.568		[illegible]			7.823		29.7		H.E.H. 12/[illegible]
	[illegible]		29.7			[illegible]		29.7		
	[illegible]		59.5			[illegible]		59.4		
	[illegible]	[illegible]		178.3		[illegible]	[illegible]		178.3	
5	1.449		29.8			9.560		29.8		
	1.150		29.8			[illegible]		29.7		
	[illegible]		59.6			[illegible]		59.5		
	[illegible]	[illegible]		237.9		[illegible]	[illegible]		237.7	
4	1.427		29.7			[illegible]		29.6		
	1.130		29.8			[illegible]		29.9		
	[illegible]		[illegible]			[illegible]		59.5		
	[illegible]	1.130		297.4		28.068	9.356		297.2	
		6.558					46.693			

Contd on pg. [illegible]

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

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.W. Klenck Weather ____ Inst. No. Team
Notes by J Lanigan Time ____ Rod No. L-3 & L-4

Name Geod. Coast-Sierra Madre
Job No. 4919
From 30/33-T To CT. D-48
Date 11-15-1945
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
3	1.340	6.558	22.2	22.2	L-3	9.980	9.683	29.2	29.2	Back Level Run Carried from pg. 49.
	1.042		21.6			9.490		29.3		
	3.796		57.8			9.233		87.8		
	3.178	1.123		353.8		28.563	9.521		353.6	
2	1.962		29.2			9.572		27.3		
	1.135		29.7			9.219		29.7		
	0.458		58.9			8.982		87.0		
	3.255	1.125		71.2		27.773	9.258		416.6	
1	2.570		21.0			7.223		21.5		
	2.360		21.9			7.018		21.6		
	2.344		42.2			6.913		43.2		
	7.274	2.459		459.4	62°F	21.154	7.051		437.9	Summation of Run Trav. Sta. "Sierra Madre D-48" to "BM #33-T"
										Total Backsight = +11.225
										" Foresight = -72.496
										Diff. in Elevtn = -61.271
				459.4					437.9	F. J. STEVENS
		11.225					72.496			

F.B. 1200 PG. 50

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.W. Kleineck Weather Partly Cloudy Inst. No. 50010
Notes by GWK Time 11 A.M. Rod No. L-3 + L-4

Name Geod. Cont. [illegible]
Job No. 4914
From S.M. D-4A To [illegible] D-4
Date 11-15-45
Indexed A. C. [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
1	8.326 8.169 8.011 24.506	8.169	15.7 15.8 31.5	31.5	L-3 66° F	8.018 7.865 7.712 23.595	7.865	15.3 15.3 30.6	30.6	Forward Summation of [illegible] Trav. Sta. S.M. D-4A + Triang. Sta. S.M. D-4A Backsight = +[illegible] Fore sight = -[illegible] Diff. in Elev. = +0.30
			*	*	*	*	*	*	*	
1	8.130 7.978 7.823 23.931	7.977	15.2 15.5 30.7	30.7	L-3 66° F	8.440 8.282 8.127 24.849	8.283	15.8 15.5 31.3		Backward Summation of [illegible] Triang. Sta. S.M. D-4 + Trav. Sta. S.M. D-4A Backsight = +7.97[illegible] Fore sight = -8.2[illegible] Diff. in Elev. = -0.30

F.B. 1200 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 ..... 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. 1200 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 G.W. Kleineck Weather Partly Cloudy Inst. No. 50010
Notes by G.W.K. Time 11:15AM-12:10PM Rod No. L-3 & L-4

Name Geod. Cont.-Sierra Madre
Job No. 4919
From SM D-4A To SM E-4A
Date 11-15-45
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	4.531 3.785 3.037 11.353	3.784	74.6 74.8 149.4	149.4	L-3 66°F	8.060 7.309 6.560 21.929	7.310	75.1 74.9 150.0	150.0	Forward Run.
2	2.285 1.535 0.788 4.608	1.536	75.0 74.7 149.7	299.1		9.490 8.742 7.990 26.222	8.741	74.8 75.2 150.0	300.0	
3	3.502 2.751 2.003 8.256	2.752	75.1 74.8 149.9	449.0		8.501 7.751 7.004 23.256	7.752	75.0 74.7 149.7	449.7	
4	2.987 2.239 1.486 6.712	2.237	74.8 75.3 150.1	599.1		10.631 9.886 9.140 29.657	9.886	74.5 74.6 149.1	598.8	H. E. H. 12/20/45
5	2.491 1.996 1.498 5.985	1.995	49.5 49.8 99.3	698.4		8.880 8.382 7.884 25.146	8.382	49.8 49.8 99.6	698.4	
		12.304					42.071			

F.B. 1700 PG. 53

Cont'd on 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.W. Klemmedt Weather Partly Cl. Inst. No. 50010
Notes by G.W.K. Time Rod No. L-3 + L-4

Name Geodetic - Sierra Madre
Job No. 4919
From SM. D-4A To SM. E-4A
Date 11-5-45
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
6	2.476	12.302	74.7	698.4	L-3	7.499	42.091	75.2	698.4	Forward Run
	1.729		74.1			6.747		75.0		Cont'd from pg. 53.
	0.981		149.5			4.997		150.2		
	5.186	1.729		847.9		20.243	6.748		849.6	
7	4.251		74.9			6.810		74.9		
	3.607		75.1			6.061		74.9		
	2.951		150.0			5.317		149.8		
	10.804	3.601		997.9		18.193	6.061		995.4	
8	5.130		74.9			6.260		75.0		
	4.381		74.7			5.510		74.9		
	3.634		149.6			4.761		149.9		Summation of Run. From Sta. "Sierra Madre
	13.145	4.382		1147.5		16.531	5.510		1148.3	D-4A" to Sta. "Sierra Madre E-4A".
9	5.089		48.1			6.847		48.6		
	4.608		45.2			6.361		45.2		
	4.126		96.3			5.879		96.8		Total Backsights = +26.624
	13.823	4.608		1243.8	68°F	19.087	6.362		1245.1	Fore sights = -66.757
										Diff. in Elev'n = -40.128
				1243.8					1245.1	
		26.624					6.657			

F.B. 1200 PG. 54

R. J. STEVENS

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.W. Kleineck Weather Partly Cloudy Inst. No. 50010
Notes by J. Langdon Time 1:05-1:50 RH Rod No. L-3-L-4

Name Geod. Q.K. Jct. to Mod. 2
Job No. 4919
From S.M. D-49 To S.M. E-48
Date 11-15-45
Indexed L. C. Jones

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	6.994 6.509 6.013		48.4 48.7 97.1		L-3	6.070 4.785 3.285		48.5 48.2 96.7		Backward to 10
	4.497 ✓	2.499		97.1	68°F	4.285 ✓	1.714		96.7	
8	6.326 5.577 4.824		74.9 75.3 150.2			5.178 4.448 3.699		75.8 74.9 149.9		
	12.727 ✓	6.376		247.3		13.345 ✓	4.448		246.6	
7	6.890 6.140 5.390		75.0 75.0 150.0			5.438 3.582 2.981		75.3 75.1 150.1		H.I. 1.0/165
	12.420 ✓	6.140		397.3		11.345 ✓	3.648		396.7	
6	7.665 6.912 6.161		75.3 75.1 150.4			2.596 1.799 1.003		74.8 74.0 148.8		
	20.738 ✓	6.813		547.7		5.398 ✓	1.799		545.5	
5	7.323 6.824 6.325		49.8 49.9 99.7			2.534 2.039 1.540		49.5 49.9 99.4		
	14.147 ✓	4.493		697.4		4.112 ✓	2.531		695.9	
		33.451 ✓					16.709 ✓			Cont'd on pg 5a

F.B. 12221 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.W. Kleineck Weather ..... Inst. No. 50010
Notes by J. Lanigan Time ..... Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. D-4A To S.M. E-4A
Date 11-15-'45
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	10.731	33.431	74.9	647.4	L-3	3.079	16.709	74.8	645.9	Backward Run
	9.982		75.2			[illegible]		75.0		Contd from pg. 55.
	9.231		150.1			[illegible]		149.9		
	29.944	9.981		797.5		6.991	2.330		795.7	
3	8.547		74.9			[illegible]		[illegible]		
	7.798		75.0			[illegible]		[illegible]		
	7.048		149.9			[illegible]		149.9		
	23.393	7.798		[illegible]		[illegible]	[illegible]		94[illegible]	
2	[illegible]		75.1			2.401		75.0		
	8.860		75.0			1.651		74.9		
	8.110		150.1			0.902		149.9		Summation of Run.
	26.581	8.860		1097.5		4.954	1.651		1095.5	Trav. Sta. "Sierra Madre
1	8.223		75.2			4.701		75.0		E-4A" to Trav. Sta.
	7.471		74.8			3.951		75.0		"Sierra Madre D-4A"
	6.702		150.0			3.201		150.0		
	22.413	7.472		1247.5	64°F	[illegible].953	3.951		1245.5	Total Backsights = +67562
										" Fore sights = -67.438
										Diff. in Elevtn = +40.124
				1247.5					1245.5	
		67.562					27.438			

F.B. 1200 PG. 56

F. J. STEVENSON

DEC 26 1945

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.W. Kleinecke Weather Fair Inst. No. 50010
Notes by G.W.K. Time 9:10-10:05 A.M. Rod No. L-3 & L-4

Name Geod. Cont. [illegible]
Job No. 4919
From S.M. E-4A To [illegible]
Date 11-16-45
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.448 5.700 4.948 17.096	5.699	74.8 75.2 150.0	1500	L-3 64°F	6.121 5.370 4.621 16.112	5.371	75.1 74.9 150.0	1500	Forward Ru[illegible]
2	4.627 3.879 3.129 11.635	3.878	74.8 75.0 149.8	2998		8.919 8.168 7.420 24.507	8.169	75.1 74.8 149.9	2999	
3	2.324 1.823 1.323 5.470	1.823	50.1 50.0 100.1	3999		10.107 9.610 9.112 28.829	9.610	49.7 49.8 99.5	3994	[illegible]
4	1.969 1.571 1.173 4.713	1.571	39.8 39.8 79.6	4795		6.036 5.640 5.243 16.919	5.640	39.6 39.7 79.3	4787	
5	8.529 7.781 7.037 23.347	7.782	74.8 74.4 149.2	6287		8.282 7.530 6.780 22.592	7.531	75.2 75.0 150.2	6289	
		20.753					36.321			

F.B. [illegible] PG. 57

Contd on 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. W. Kleineck Weather Fair Inst. No. 50010
Notes by G.W.K. Time Rod No. L-3 & L-4

Name Geod. Cont. Sierra Madre
Job No. 4919
From S.M. E-4A To S.M. F-4
Date 11-16-'45
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
6	3.311	20.753	74.8	628.7	L-3	8.471	[illegible]	75.0	628.9	Forward Run. Cont'd from pg. 07
	2.563		74.8			7.72		75.0		
	1.815		149.6			6.971		150.0		
	7.689	2.563		778.3		23.163	7.721		778.9	
7	3.410		74.5			10.824		75.2		
	2.665		74.9			10.072		75.0		
	1.916		149.4			9.322		150.2		
	7.991	2.664		927.7		30.218	10.073		929.1	
8	1.611		62.2			9.881		62.2		
	0.989		62.7			9.259		62.4		
	0.362		124.9			8.635		124.6		Summation of Run.
	2.962	0.987		1052.6		27.775	9.258		1053.7	Trav. Sta. "Sierra Madre E-4A"
9	3.742		35.0			7.090		35.2		to Trav. Sta. "Sierra Madre F-4"
	3.392		35.1			6.738		35.7		
	3.041		70.1			6.381		70.9		
	10.175	3.392		1122.7	62°F	20.209	6.736		1124.6	Total Backsights = + 30.359
										" Foresights = − 70.109
										Diff. in Elev'tn = −39.750
				1122.7					1124.6	
		30.359					70.109			

F.B. 1200 PG. 57

F. J. STEVENSON
DEC 26 1945

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 F.W. Hemeck Weather clear Inst. No. 50010
Notes by J. Langan Time 8:45-9:50 AM Rod No. L-3 or L-4

Name Grad. Cat. [illegible]
Job No. 4919
From STA. E-42 To [illegible]
Date 11-16-47
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
9	6.900 6.648 6.293		35.1 33.5		L-3	3.655 3.201		35.4 35.3		Backward R.
	19.970	6.647	68.6	70.6	66°F	6.934	3.301	70.7	70.7	
8	9.900 9.265 8.631		62.4 62.9			1.640 1.016 0.390		62.4 62.6		
	27.856	9.285	125.3	125.9		3.046	1.015	125.0	125.7	
7	10.812 10.032 9.312		78.0 75.8			3.995 2.664 1.318		75.3 74.9		
+-	30.156	10.052	153.8	345.7		7.977	2.659	150.2	345.9	
6	8.999 7.750 6.500		74.9 75.1			3.322 2.591 1.862		74.9 74.8		H.E.H. -12 1/-5
	23.249	7.749	150.0	345.9		7.775	2.591	149.7	345.7	
5	8.296 7.538 6.775		74.8 75.3			8.531 7.782 7.031		75.9 75.1		
	22.609	7.536	150.1	345.5		23.344	7.781	151.0	345.7	
		41.279					17.341			

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

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.W. Kleineck Weather ..... Inst. No. 50010
Notes by J. Lanigan Time ..... Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM. E-4A To SM. F-4
Date 11-16-45
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
4	6.065	41.279	39.7	645.5	L-3	1.998	17.941	39.8	645.7	Backward Run. cont'd from pg. 59
	5.668		39.8			1.600		39.9		
	5.270		79.5			1.201		79.7		
	17.003	5.668		725.0		4.799	1.600		725.4	
3	10.111		49.9			2.323		49.7		
	9.612		49.8			1.826		49.5		
	9.114		99.7			1.329		99.2		
	28.837	9.612		824.7		5.478	1.826		824.6	
2	8.889		75.0			4.597		75.0		
	8.139		75.1			3.847		75.0		
	7.388		150.1			3.097		150.0		Summation of Run.
	24.416	8.139		974.8		11.541	3.847		974.6	Trav. Sta. "Sierra Madre F-4"
1	6.170		75.0			6.499		75.2		to " " " " E-4A"
	5.420		75.0			5.747		75.5		
	4.670		150.0			4.992		150.7		Total backsights = + 70.118
	16.260	5.420		1124.8	72°F	17.238	5.746		1125.3	" Foresights = − 30.360
										Diff. in Elev'th = + 39.758
				1124.8					1125.3	
		70.118					30.360			

F.B. 1200 PG. 60

F. J. STEVENSON
DEC 26 1945

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 S.W. Klemack Weather Fair Inst. No. 50010
Notes by G.W.K. Time 10:10 - 11:15 AM Rod No. L-3 & L-4

Name Geod. Cont. - [illegible]
Job No. 4919
From S.M. F-4 To [illegible] G-4F
Date 11-16-'45
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	2.597 2.149 1.700 6448	2.149	45.0 44.9 89.9	89.9	L-3 62°F	9.260 8.809 8.360 26.429	8.810	45.1 44.9 90.0	90.0	Forward Run
2	2.401 1.902 1.408 5.711	1.904	49.9 49.4 99.3	189.2		8.601 8.101 7.600 24.302	8.101	50.0 50.1 100.1	190.1	
3	2.469 1.976 1.480 5.925	1.975	49.3 49.6 98.9	288.1		8.950 8.450 7.950 25.350	8.450	50.0 50.0 100.0	290.1	
4	1.943 1.447 0.949 4.340	1.447	49.5 49.9 99.4	387.5		10.347 9.848 9.349 29.544	9.848	49.9 49.9 99.8	389.9	
5	1.589 1.219 0.848 3.656	1.219	37.0 37.1 74.1	461.6		9.321 8.948 8.571 26.840	8.947	37.3 37.7 75.0	464.9	
		8.694					44.156			

F.B. 1200 PG. 61

F. J. STEVENSON
DEC 6 1945

Carried on 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.W. Kleinock Weather Fair Inst. No. 50010
Notes by G.W.K. Time Rod No. L-3 & L-4

Name Geod. Cont. Sim Madre
Job No. 4919
From 5M. F-4 To 5M. G-4A
Date 11-16-45
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	1.591 1.220 0.847 3.658	8.694 1.219	37.1 37.3 74.4	461.6 536.0	L-3	9.311 8.941 8.570 26.822	4[illegible]6 8.941	37.0 37.1 74.1	4[illegible]9 5390	Forward Run. cont'd from pg. 61
7	1.880 1.482 1.086 4.448	1.483	39.8 39.6 79.4	615.4		9.320 8.922 8.525 26.767	8.922	39.8 39.7 79.5	618.5	
8	1.709 1.310 0.913 3.932	1.311	39.9 39.7 79.6	695.0		9.378 8.980 8.580 26.938	8.979	39.8 40.0 79.8	698.3	
9	1.542 1.171 0.801 3.514	1.171	37.1 37.0 74.1	769.1		8.897 8.521 8.148 25.566	8.522	37.6 37.3 74.9	773.2	
10	2.241 1.869 1.499 5.609	1.870	37.2 37.0 74.2	843.3		8.890 8.519 8.143 25.552	8.517	37.1 37.6 74.7	847.9	
		15.748					88.037			

F.B. 1200 PG. 62

F. J. STEVENSON
DEC 26 1945

cont'd on 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 Gw Stevenson Weather Fair Inst. No. 5x010
Notes by G.W.H. Time Rod No. L-3 T L-4

Name Trav. Sta. "Fore" to "Mark"
Job No. 49.19
From F.M. F-4 To ✓ T.S. F-4 ✓
Date 11-16-45
Indexed ✓ C.M.L.

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	2.211 1.941 1569 5821 ✓	1940 ✓	37.0 37.2 74.2	8433	L-3	8.811 8440 8066 25317 ✓	8439 ✓	37.1 37.4 74.5	8479 9924	Forward Run Cors from Sta. 4 ✓
12	2.167 1.784 1.413 5364 ✓	1788 ✓	37.3 37.6 74.9	9924		8.681 8.310 7.939 24930	8.310 ✓	37.1 37.1 74.2	9966	
13	2.243 1.871 1500 5612 ✓	1871 ✓	37.2 37.1 74.3 ✓	10667		8.760 8.386 8012 ✓ 25158	8386 ✓	37.4 37.4 74.8	10714	Summa. To Cor. Trav. Sta. "Fore" to Fore
14	3260 3029 2797 9085 ✓	3028 ✓	23.7 23.1 46.3 ✓	11130 ✓	64°	8.130 7.959 7.787 23874	7958 ✓	23.1 23.4 46.5 ✓	11179	F-4" To Trav. Sta. "Fore" Moore G-4 Total Backsights = + 24.795 ✓ " Foresights = - 21.130 ✓ Diff. in Elevs. = - 3.755 ✓
		24375 ✓		11130			121130 ✓		11179	

F.B. 1109 PG. 4-5

F. J. STEVENSON
DEC 26 1945

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 E. W. Heinrich Weather Fair Inst. No. Dumpy
Notes by V. Lanigan Time 3:15 To 4:15 PM Rod No. L-3 & L-4

Name Forest Conservation Work
Job No. A919
From SM. E-4 To SM. G-4A
Date 11-16-45
Indexed A. C. Nelson

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
14	8.159		23.3		L-3	3.228		23.3		Backward Run
	7.926		23.3			2.995		23.3		
	7.593		46.6			2.662		46.6		
	23.7 78	7.926		46.6	65°	8.9 85	2.995		46.6	
13	8.697		37.4			2.181		37.1		
	8.323		37.2			1.811		37.2		
	7.980		74.6			1.439		74.3		
	24.970	8.323		121.2		5.431	1.810		148.7	
12	8.750		37.0			5.130		37.1		
	8.380		37.5			4.755		37.7		
	8.005		74.5			4.384		74.8		
	25.135	8.378		195.8		14.269	4.756		195.5	
11	8.941		37.3			2.349		37.1		
	8.565		37.5			1.967		37.3		
	8.193		74.8			1.595		74.4		
	25.699	8.567		275.6		5.909	1.968		313.0	
10	8.919		37.4			2.220		37.1		
	8.545		37.5			1.845		37.3		
	8.170		74.9			1.468		74.4		
	25.634	8.545		346.5		5.533	1.844		387.4	
	41.639					10.327				

F.B. 1220 PG. 64

F. J. SEVERY
DEC 2 [illegible]

cont'd on pg. 65

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.W. Tlemeck Weather Fair Inst. No. 50010
Notes by J. Lanigan Time Rod No. L-3 & L-4

Name Geod. Cont. - [illegible]
Job No. 4919
From S.M. F-4 To [illegible] G-4H
Date 11-16-[illegible]
Indexed [illegible] 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	8.9[illegible]	41.639	37.2	345.5	L-3	1.551	10.[illegible]	37.1	344.[illegible]	Backward Run
	8.530		37.5			1.180		37.2		cont'd from pg. 64.
	8.1[illegible]		74.7			0.8[illegible]		74.3		
	25.5[illegible]	8.529		420.[illegible]		[illegible]	[illegible]		418.7	
8	9.44[illegible]		39.[illegible]			1.74[illegible]		39.[illegible]		
	9.0[illegible]		40.1			1.3[illegible]		39.7		
	8.[illegible]		79.9			0.98[illegible]		79.5		
	[illegible]	9.0[illegible]		500.1		4.[illegible]	1.39[illegible]		499.2	
7	9.8[illegible]		39.9			1.865		39.7		
	8.[illegible]		39.9			1.468		39.7		
	8.[illegible]		79.8			1.[illegible]		79.4		
	26.7[illegible]	8.909		579.9		4.40[illegible]	1.468		578.6	
6	9.373		37.3			1.654		37.3		
	9.[illegible]		37.0			1.291		37.2		
	8.[illegible]		74.3			0.9[illegible]		74.[illegible]		
	[illegible]	[illegible]		654.2		3.8[illegible]	[illegible]		653.[illegible]	
5	9.258		37.0			1.526		37.3		
	8.893		37.[illegible]			1.153		37.2		
	8.[illegible]		7[illegible]			0.741		7[illegible]		
	[illegible]	8.893		729.1		[illegible]	[illegible]		72[illegible]	
		86.011					16.991			cont'd on pg. 66

F.B. [illegible] PG. 65

DEC [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.W. Kleineck Weather Fair Inst. No. 50010
Notes by J. Lanigan Time Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. F-4 To S.M. G-4A
Date 11-16-'45
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
4	10.29[illegible]	86.011	49.9	729.1	L-3	1.886	[illegible]	49.7	727.6	Backward Run. Cont'd from 29.65
	9.791		50.0			1.38[illegible]		49.8		
	9.29[illegible]		99.9			[illegible]		99.5		
	29.37[illegible]	9.791		829.0		4.1[illegible]	1.[illegible]89		827.1	
3	8.95[illegible]		49.8			2.4[illegible]		49.9		
	8.453		49.8			[illegible]		49.8		
	7.955		99.6			[illegible]		99.7		
	25.359	8.453		928.6		5.919	1.971		926.8	
2	8.619		49.9			2.423		49.1		Summation of Run. Trav. Sta. "Sierra Madre G-4A" To Trav. Sta. "Sierra Madre F-4"
	8.120		50.0			[illegible]		49.9		
	7.62[illegible]		99.9			[illegible]		99.6		
	24.359	8.1[illegible]		1028.5		5.7[illegible]	1.9[illegible]5		1026.4	
1	9.230		45.0			2.565		44.9		
	8.790		45.1			2.116		44.9		
	8.329		90.1			1.6[illegible]		89.8		Total Backsights = + 121.155
	26.339	8.780		1118.6	62°F	6.348	2.116		1116.2	" Foresights = − 24.392
										Diff. in Elev'ts = + 96.763
				1118.6					1116.2	
		121.155					24.392			

F. J. STEVENSON

F.B. 1200 PG. 66

1

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.W. Tarwater Weather Fair Inst. No. 5010
Notes by G.W.H. Time 11:20AM-12:37PM Rod No L-3 & L-4

Name Geod Cor L-3 & L-4
Job No. 4919
From SM. G-44 To L-3 & L-4
Date 11-16-45
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	2.988 2.589 2.191		39.5 39.8 79.3		L-3	9.829 9.430 9.031		39.9 39.9 79.8		Forward Run
	7.764	2.588		79.3	64°	28.290	9.430		79.8	
2	1.322 0.929 0.531		34.3 34.8 69.1			10.449 10.107 9.759		34.7 34.3 69.0		
	2.932	0.977		148.4		30.315	10.103		148.8	
3	1.090 0.815 0.570		24.5 24.5 49.0			9.745 9.500 9.251		24.5 24.9 49.4		
	2.445	0.815		197.4		28.496	9.499		198.2	
4	1.644 1.398 1.150		24.6 24.8 49.4			8.316 8.070 7.827		24.6 24.3 48.9		
	4.192	1.397		246.8		24.213	8.071		247.1	
5	2.392 2.129 1.880		24.5 24.7 49.2			8.318 8.071 7.827		24.7 24.4 49.1		
	6.379	2.126		296.0		24.216	8.072		296.2	
		7.903					45.175			

F.B. 17222 PG. 44

F. J. S[illegible]

DEC

Contd on 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 Gal. Kleineck Weather Fair Inst. No. 50010 Name Geod. Cont.-Sierra Madre
Notes by GWK Time Rod No. L-3 & L-4 Job No. 4919
From SM. G-4A To SM. H-4
Date 11-16-'45
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
6	2.191	7.903	24.5	296.0	L-3	8.390	45.175	24.5	296.2	Forward Run. Cont'd from pg. 67
	1.946		24.7			8.145		24.5		
	1.699		49.2			7.900		49.0		
	5.836	1.945		345.2		24.435	8.145		345.2	
7	2.081		27.2			8.941		27.2		
	1.809		27.1			8.669		27.1		
	1.538		54.3			8.398		54.3		
	5.428	1.809		399.5		26.008	8.669		399.5	
8	6.442		34.7			6.942		34.7		
	6.095		34.8			6.595		34.6		
	5.747		69.5			6.249		69.3		
	18.284	6.095		469.0		19.786	6.595		468.8	
9	2.688		39.9			8.828		39.8		
	2.289		39.9			8.430		39.3		
	1.890		79.8			8.037		79.1		
	6.867	2.289		548.8		25.295	8.432		547.9	
10	2.184		39.6			9.272		39.4		
	1.788		39.8			8.878		39.7		
	1.390		79.4			8.481		79.1		
	5.362	1.787		628.2		26.631	8.877		627.0	
		21.828					65.493			

F.B. 1200 PG. 68

F. J. STEVENSON

Cont'd on 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 Fred Kleinert Weather Fair Inst. No. 5010
Notes by G.W.K. Time Rod No. L-3 L-4

Name Geod. Cont. T 2 S R 13 W
Job No. 4919
From Sta. G-4 R To T-4
Date 11-16-45
Indexed A C

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	1.549 1.202 0899 5730	21.83 1243	34.7 31.3 69.0	697.2	L-3	8.990 8.641 8.014 25.645	8.682	34.9 31.7 66.6	696.6	Forward Run Cont'd from pg 1
12	1.551 1.230 0908 3.689	1230	32.1 32.2 64.3	761.5		9.570 9.249 8.928 27.747	9249	32.1 32.1 64.2	760.8	
13	1.179 0860 0540 2579	0820	31.9 32.0 63.9	825.4		9.742 9.420 9097 28259	9420	32.7 32.3 64.5	825.3	
14	1.321 0.994 0.678 2993	2997	32.7 32.6 64.1	893.2		8.945 8.607 8.308 25.860	8607	31.1 31.9 63.7	889.0	
15	2.102 1.839 1.512 5.513	1838 27.997	32.3 32.7 65.0	955.2		7.414 7.095 6.775 21.284	7095 28926	31.9 32.0 63.9	952.9	Cont'd on pg 3

F.B. [illegible] PG. 111

F. J. STEVENSON
DEC 26 1945

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.W. Meineck Weather Fair Inst. No. 50010
Notes by G.W.K. Time Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. [illegible]
From S.M. G-4A To S.M. H-4
Date 11-16-'45
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
16	5.429	27.997	36.4	955.2	L-3	7.788	12.926	34.7	952.9	Forward Run Cont'd from pg. 69.
	5.065		36.3			7.421		37.0		
	4.702		72.7			7.051		73.7		
	15.196	5.065		1027.9	68°F	22.260	7.420		1026.6	
										Summation of Run, Trav. Sta. "Sierra Madre G-4A" to Trav. Sta. "Sierra Madre H-4".
										Total Backsights = + 33062
										" Foresights = − 136.346
										Diff. in Elev'th = − 103.284
				1027.9					1026.6	
		33062					136.346			

F.B. 1200 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 E. W. Klewaeck Weather Fair Inst. No. 5010
Notes by J. Corrigan Time 1:45 To 3:05 P.M. Rod No. L-22 L-4

Name Geod. Lev. Line
Job No. 2914
From [illegible] To [illegible]
Date [illegible]
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
	7.851		36.9			5.497		36.7		Backward Run
	7.487		36.6			5.130		36.4		
	7.121		73.0			4.766		73.1		
	22.459	7.486 ✓		73.0	66°F	15.393	5.131 ✓		73.1	
	7.409		32.2			2.152		32.2		
	7.087		32.2			1.830		32.3		
	6.732		64.4			1.507		64.5		
	21.228	7.076 ✓		137.4		5.489	1.830 ✓		137.6	
	9.017		32.2			1.389		32.1		
	8.695		32.2			1.068		32.1		
	8.373		64.4			0.747		64.2		
	26.085	8.695 ✓		201.8		3.204	1.068 ✓		201.8	
	9.729		32.3			1.159		32.2		
	9.411		32.3			0.837		32.5		
	9.091		64.6			0.512		64.7		
	28.231	9.410 ✓		266.4		2.508	0.836 ✓		266.5	
	9.783		32.2			1.767		32.3		
	9.461		32.2			1.444		32.1		
	9.139		64.4			1.123		64.4		
	27.393	9.464 ✓		330.8		4.334	1.445 ✓		330.9	
		42.128 ✓					10.310 ✓			Carried on Pg. 72

F.B. 1221 PG. 71

F. J. STEVENSON
DEC 27 1945

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 [illegible] Weather [illegible] Inst. No. [illegible]
Notes by J. Lanigan Time Rod No. [illegible]

Name [illegible] Sierra Madre
Job No. 4919
From S.M. G-4A To S.M. H-4
Date 11-16-45
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
11	9.129	42.128	34.7	330.5	L-3	1.730	10.310	34.7	330.9	Backward Run Cont'd from pg. 71.
	8.782		34.7			1.383		34.8		
	8.435		69.4			1.035		69.5		
	26.346	8.782		399.9		4.148	1.383		400.4	
10	9.430		39.8			2.341		39.7		
	9.032		39.6			1.944		39.6		
	8.636		79.4			1.548		79.3		
	27.098	9.033		479.3		5.833	1.944		479.7	
9	8.970		39.9			2.826		39.5		
	8.571		39.9			2.430		39.9		
	8.172		79.8			2.031		79.5		
	25.713	8.571		559.2		7.287	2.[illegible]		559.2	
8	7.160		34.9			6.656		34.6		
	6.811		34.8			6.310		34.8		
	6.462		69.7			5.962		69.4		
	20.434	6.811		628.8		18.928	6.[illegible]		628.6	
7	8.938		27.4			2.075		27.1		
	8.664		27.4			1.804		27.1		
	8.390		54.4			1.533		54.2		
	25.992	8.664		683.2		5.412	1.804		682.8	
		83.989					24.179			

F.B. 1200 PG. 72

F. J. STEVENSON
DEC 2 1945

Cont'd on 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 G.W. Kleineck Weather Fair Inst. No. 50010
Notes by J. Lonigan Time Rod No. L-3 + L-4

Name [illegible]
Job No. [illegible]
From [illegible] To [illegible]
Date 11-16-45
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
6	8.549	83.989	24.6	683.2	L-3	2.351	24.179	24.6	682.8	Backward Run
	8.303		24.5			2.105		24.6		Cont'd from pg. 2
	8.058		49.1			1.859		49.2		
	24.910	8.303		732.3		6.315	2.105		732.0	
5	8.352		24.8			2.405		24.5		
	8.104		24.6			[illegible]		24.6		
	7.858		49.4			[illegible]		49.1		
	24.314	8.105		[illegible]		[illegible]	[illegible]		[illegible]	
4	8.400		[illegible]			1.727		[illegible]		
	[illegible]		[illegible]			1.481		[illegible]		
	[illegible]		[illegible]			1.234		49.3		
	[illegible]	[illegible]		[illegible]		4.442	1.481		830.4	
3	9.854		24.5			1.168		24.5		
	9.609		24.8			0.923		24.4		
	9.3[illegible]		49.3			0.679		49.9		
	[illegible]	9.608		880.1		2.770	0.923		879.3	
2	10.599		[illegible]			1.472		34.5		
	10.2[illegible]		[illegible]			1.127		34.6		
	9.9[illegible]		[illegible]			0.781		69.1		
	[illegible]	[illegible]		949.5		3.380	1.127		948.4	
		128.410					31.975			Cont'd on pg. [illegible]

F. J. STEVENSON
DEC 27 1945

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. W. Hlemeck Weather Fair Inst. No. 50010
Notes by J. Langan Time Rod No. -3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From [illegible] To [illegible]
Date 11-16-45
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	9910	128.410	39.9	949.5	L-3	8.073	31.975	39.8	948.4	Backward Run
	9.512		39.7			2.672		39.5		Cont'd from pg. 73
	9.116		79.5			2.277		79.3		
	8.537	9.512		1029.0	66°F	8.019	2.673		1027.7	
										Summation of Run. Trav. Sta. "Sierra Madre H-4" to Trav. Sta. "Sierra Madre G-4A"
										Total Backsights = +137.922
										Fore sights = - 34.648
										Diff. in Elev'tn = +103.274
				1029.0					1027.6	
		137.922					34.648			

F. J. STEVENSON
DEC 27 1945

F.B. 1200 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.W. Kleineck Weather Clear Inst. No. 50010
Notes by G.W.K. Time 9:50-10:40 AM Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. H-4 To [illegible] #530
Date 11-20-'45
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
1	7668 7170 6670 21.508	7169	49.8 50.0 99.8	99.8	L-3 74°F	11.629 11.130 10.631 33.390	11.130	49.9 49.9 99.8	99.8	Forward Run
2	1.387 1.011 0.639 3.037	101.2	37.6 37.2 74.8	174.6		8.928 8.559 8.189 25.676	8.559	36.9 37.0 73.9	173.7	
3	2.111 1.741 1.369 5.221	1.740	37.0 37.2 74.2	248.8		8.534 8.167 7.800 24.501	8.167	36.7 36.7 73.4	247.1	
4	2.186 1.814 1.441 5.441	1.814	37.2 37.3 74.5	323.3		8.872 8.504 8.134 25.510	8.503	36.8 37.0 73.8	320.9	
5	1.698 1.323 0.951 3.972	1.324	37.5 37.2 74.7	398.0		10.000 9.623 9.249 28.872	9.624	37.7 37.4 75.1	396.0	
		13.059					45.983			

Contd on pg. 7

F. J. STEVENSON
DEC 27 1945

F.B. 1200 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.W. Kleineck Weather Clear Inst. No. 50010
Notes by G.W.K. Time Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM. H-4 To BM 53 Q
Date 11-20-'45
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
6	1.533	13.059	34.6	398.0	L-3	9.722	45.983	34.5	396.0	Forward Run. Cont'd from pg. 75.
	1.187		34.7			9.377		34.8		
	0.840		69.3			9.029		69.3		
	3.560	1.187		467.3		28.128	9.376		465.3	
7	8.749		66.8			3.800		67.5		
	8.081		67.1			3.175		67.6		
	7.410		133.9			2.449		135.1		
	24.240	8.080		601.2		9.374	3.125		600.4	
8	4.488		21.1			6.282		20.7		
	4.277		21.2			6.075		20.7		
	4.065		42.3			5.868		41.4		Summation of Run
	12.830	4.277		643.5	74°F	18.225	6.075		641.8	Trav. Sta. Sierra Madre H-4
										to B.M. #53-Q
										Total Backsights = +26.603
										" Foresights = -64.559
										Diff. in Elevtn = -37.956
				643.5					641.8	
		26.603					64.559			

F.B. 1200 PG. 76

F. J. STEVENSON
DEC 27 1945

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.W. Heinack Weather Clear Inst. No. 50010
Notes by G.W.H. Time 2:45 To 3:35 PM Rod No. L-3 & L-4

Name Geod. Control Sta. Madre
Job No. 4919
From TP H-4 To 8 T 3 G.
Date 11-20-45
Indexed A. C. Stamm

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	6.127 5.980 5.780		20.9 20.9 41.8		L-3	4.401 4.179 3.782		21.0 20.9 41.9		Backward Run
	17.967	5.989		41.8	80°F	12.574	4.191		41.9	
7	3.891 3.219 2.541		67.2 67.8 135.0			8.845 8.172 7.501		67.3 67.1 134.4		
	9.651	3.217		176.8		24.518	8.173		176.3	
6	9.733 3.450 3.101		34.7 34.9 69.6			1.607 1.260 6.912		20.7 24.8 45.5		
	26.284	8.761		246.4		9.779	1.630		245.8	
5	10.160 9.786 9.411		37.4 37.6 75.0			1.864 1.481 1.108		37.3 37.3 74.6		
	29.357	9.786		321.3		4.453	1.481		320.4	
4	9.880 9.512 8.137		37.1 37.2 74.3			2.189 1.818 1.496		37.1 37.2 74.3		
	27.529	9.509		395.6		5.503	1.818		394.7	
		36.950					16.923			

F.B. 1222 PG. 77

F. J. STEVENSON
DEC 1 1945

cont'd on 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.W. Kleineck Weather Clear Inst. No. 50010
Notes by J. Lanigan Time Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. H-4 To B.M. #53-Q.
Date 11-20-'45
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
3	8.657 8.288 7.920 24.865	36.950 8.288	36.9 36.8 73.7	395.6 469.3	L-3	2.232 1.803 1.4[illegible] 5.59[illegible]	16.923 1.[illegible]61	37.[illegible] 37.2 74.2	394.7 468.9	Backward Run. Cont'd from pg. 77
2	9.178 8.808 8.435 26.421	8.807	37.0 37.3 74.3	543.6		1.636 1.262 0.889 3.787	1.262	37.4 37.3 74.7	543.6	
1	11.779 11.281 10.783 33.843	11.281	49.8 49.8 99.6	643.2	78°F	7.820 7.321 6.823 21.964	7.321	49.9 49.8 99.7	643.3	Summation of Run B.M. #53-Q to Trav. Sta.
										"Sierra Madre H-4"
										Total Backsights = + 65.326
										" Foresights = - 27.367
										Diff. in Elev'th = + 37.959
				643.2					643.3	
		65.326					27.367			

F.B. 1200 PG. 78

F. J. STEVENSON
DEC 27 1945

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 S.W. Steinbeck Weather Clear. Inst. No. 50210
Notes by S.W.S. Time 10:45–11:45 A.M. Rod No. L-3 & L-4

Name Trav. Ctr. Sta. 1 to Sta. 5
Job No. 4919
From SM. H-4 To T. I-4
Date 11-20-45
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
1	6.133 5.870 5609 17612	5871	26.3 26.1 52.4	52.4	L-3 74°F	4018 3830 3571 11.489	3835	25.8 25.9 51.7	51.7	Forward Ctr.
2	8.119 7.827 7528 23.469	7823	29.7 29.4 59.1	111.5		2.333 2.033 1734 6.100	2033	30.0 29.9 59.9	111.6	
3	8.750 6.452 8.156 23.360	8453	29.8 29.4 59.2	170.7		1410 1110 0812 3332	1111	30.0 29.8 59.8	171.4	
4	9.408 9.110 8810 27328	9109	29.8 30.0 59.8	230.5		1.288 0.992 0699 2979	0993	29.6 29.3 58.9	230.3	
5	9.682 9388 9090 28160	9387	29.4 29.8 59.2	289.7		1202 0905 0609 2716	0905	29.7 29.6 59.3	289.6	
		40.643					8.877			Cont'd on pg 80

F.B. 12220 PG. 76

F. J. STEVENSON
DEC 1945

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. W. Meinecke Weather clear Inst. No. 55010
Notes by GWM Time Rod No. L-3 & L-4

Name Geod. Cont - Sierra Madre
Job No. 4919
From SM. H-4 To SM. I-4
Date 11-20-45
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
6	9.946 9.450 9151 28347	40.643 9.449	29.6 29.9 59.5 349.2	289.7	L-3	1.295 0.979 0680 2.934	0.918	29.6 29.9 59.5 349.1	289.6	Forward Run. Contd from pg. 79.
7	10221 9.880 9539 29640	9.880	34.1 34.1 68.2 417.4			1442 1.093 0.747 3282	1.094	34.9 34.6 69.5 418.6		
8	9.170 8.825 8480 26475	8.825	34.5 34.5 69.0 486.4			1.892 1.544 1.194 4630	1.543	34.8 35.0 69.8 488.4		
9	9.329 8.992 8650 26971	8.990	33.7 34.2 67.9 554.3			1.702 1.359 1.010 4.071	1.357	34.3 34.9 69.2 557.6		
10	9.232 8.976 8628 26.936	8.978	34.6 34.8 69.4 623.7			2.300 1.950 1.604 5854	1.951	35.0 34.6 69.6 627.2		L. J. STEVENSON DEC 21 1945
		26.762					15.775			Contd on pg. 81

F.B. 1200 PG. 80

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. W. Kleinack Weather Clear. Inst. No. 50010
Notes by G.W.K. Time Rod No. L-3 + L-4

Name Geod. Cont. Sierra Madre
Job No. 4919
From S.M. H-4 To [illegible]
Date 11-20-45
Indexed A. C. Johns

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	8.948	86.762	44.7	623.7	L-3	3.554	15.795	45.0	627.2	Forward Run Contd from [illegible]
	8.501		44.6			3.104		45.3		
	8.055		89.3			2.651		90.3		
	25.504	8.501		713.0	78°F	9.309	3.103		717.5	
										Summation of Sum Trav. Sta. "Sierra Madre H-4" to Trav. Sta. Sierra Madre L-4
										Total Backsight +95.263
										Foresight -18.898
										Diff. in Elevation +76.365
				713.0					717.5	
		95.263					18.898			

F. J. STEVENS
DEC 2

F.B. 1200 PG. 91

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 F W Thiesen Weather Clear Inst. No. Topo
Notes by L Lantgen Time 1:30 TO 2:30 Rod No. 13 Lantgen

Name Dept of Flood Control
Job No. 4919
From SM-4-4 To SM-F4
Date 11-22-45
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	3.629 3.181 2.731 9.541	3.181	44.8 45.0 89.8	89.8	L-3 80° F	9.028 8.579 8.128 25.735	8.578	44.9 45.1 90.0	90.0	Backward Run.
10	2.343 2.010 1.677 6.030	2.010	34.6 34.7 69.3	159.3		9.225 8.891 8.558 26.674	8.891	34.4 34.5 68.9	158.9	
9	1.729 1.391 1.055 4.175	1.392	34.8 34.6 69.4	228.7		9.361 9.019 8.672 27.052	9.017	34.2 34.7 68.9	229.4	
8	1.992 1.642 1.292 4.926	1.642	34.8 35.0 69.8	298.5		9.267 8.926 8.583 26.776	8.920	34.1 34.7 68.8	297.8	
7	1.511 1.166 0.820 3.497	1.166	34.5 34.6 69.1	367.6		10.294 9.950 9.607 29.851	9.950	34.4 34.5 68.9	366.5	

F.B. 1220 PG. 87

9385 ✓ 45503 ✓

Contd on pg. 83

R. J. STEVENSON
DEC 2 1945

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.W. Kleineck Weather Clear Inst. No. 50010
Notes by J. Lonigan Time Rod No. L-3 + L-4

Name Geod. Cont. Sierra Madre
Job No. 4919
From SM H-4 To [illegible] I-4
Date 11-20-45
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
6	1.396	9.385	29.7	367.6	L-3	9.867	45.503	29.8	366.5	Backward Run Cont'd from pg. [illegible]
	1.099		29.8			9.569		29.9		
	0.801		59.5			9.270		59.7		
	3.296	1.099		427.1		28.706	9.569		426.2	
5	1.244		29.5			9.726		29.6		
	0.949		29.7			9.430		29.8		
	0.652		59.[illegible]			9.[illegible]		59.4		
	2.845	0.948		486.3		28.2[illegible]	[illegible]		485.6	
4	1.403		29.7			9.519		[illegible]		
	1.106		29.7			[illegible]		[illegible]		
	0.809		59.[illegible]			[illegible]		[illegible]		
	3.318	1.106		545.9		[illegible]	[illegible]		544.8	
3	1.549		29.8			8.893		29.7		
	1.251		29.7			8.596		29.8		
	0.954		59.5			8.298		59.5		
	3.754	1.251		605.4		25.787	8.596		604.3	
2	2.408		29.8			8.193		29.5		
	2.110		29.9			7.898		29.9		
	1.811		59.7			7.600		59.3		
	6.329	2.110		665.1		23.691	7.917		663.6	
		15.899					90.217			

cont'd on pg. [illegible]

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.W. Kleineck Weather Clear Inst. No. 50010
Notes by J. Lanigan Time Rod No. L-3 & L-4

Name Geod. Cont - Sierra Madre
Job No. 4919
From S.M. H-4 To S.M. I-4
Date 11-20-45
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	4.094	15.899	25.6	665.1	L-3	6.143	9[illegible].217	26.3	663.6	Backward Run. Cont'd from pg. 83
	3.838		25.9			5.88[illegible]		26.4		
	3.579		51.5			5.61[illegible]		52.7		
	11.511	3.837		716.6	80°F	17.[illegible]3[illegible]	5.880		716.3	
										Summation of Run. Trav. Sta. "Sierra Madre I-4" To Trav. Sta. "Sierra Madre H-4"
										Total Backsights = + ~~17.736~~ 19.736
										" Foresights = -96.097
										Diff. in Elevtn = -76.361
				716.6					716.3	
		19.736					96.097			

F.B. 200 PG. 84

DEC 27 1945

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.W. Kleinack Weather Clear Inst. No. 50010
Notes by G.W.K. Time 11:50-12 M. Rod No. L-3 & L-4

Name Geod. Cont. [illegible]
Job No. 4919
From S.M. I-4 To [illegible] I-49
Date 11-20-45
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
1	6.153		49.4		L-3	8.929		49.9		Forward Run
	5.659		49.8			8.430		50.0		
	5.161		99.2			7.930		99.9		
	16.973	5.658		99.2	78°F	25.289	8.430		99.9	
2	2.208		49.8			11.188		49.7		
	1.710		50.0			10.691		49.4		
	1.210		99.8			10.197		99.1		
	5.128	1.709		199.0		32.076	10.692		199.0	
3	4.424		15.6			7.610		15.8		
	4.268		15.9			7.452		15.8		
	4.109		31.5			7.294		31.6		Summation of Elev.
	12.801	4.267		230.5	78°F	22.356	7.452		230.6	Trav. Sta. Sierra Madre I-4
										to Triang. Sta. " " I-49
										Total Backsights = 11.634
										" Foresights = 26.574
										Diff. in Elev'n = 14.940
				230.5					230.6	
		11.634					26.574			

F. J. STEVENSON
DEC 27 194[illegible]

F.B. [illegible] 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 G.W. Kleineck Weather Clear Inst. No. 50010
Notes by J. Lanigan Time 1:00 To 1:30 Rod No. L-3 & L-4

Name Geod. Bnt. - Sierra Madre
Job No. 4919
From SM I-4 To SM I-4A
Date 11-20-45
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
3	7.583 7.426 7.269 22.278	7.926	15.7 15.7 31.4	31.4	L-3 76°F	4.399 4.240 4.082 12.721	4.240	15.9 15.8 31.7	31.7	Backward Run
2	11.281 10.783 10.286 32.350	10.783	49.8 49.7 99.5	130.9		2.293 1.798 1.300 5.391	1.797	49.5 49.8 99.3	131.0	
1	8.991 8.495 7.999 25.485	8.495	49.6 49.6 99.2	230.1	76°F	6.224 5.721 5.222 17.167	5.722	50.3 49.9 100.2	231.2	Summation of Run Triang. Sta. Sierra Madre I-4A To Trav. " " " I-4.
										Total Back sights = + 26.704 " Fore sights = − 11.759 Diff. in Elevtn = + 14.945
		26.704		230.1			11.759		231.2	

F. J. STEVENSON
DEC 27 1945

F.B. 1200 PG. 86

7

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. W. Kleineck Weather Clear Inst. No. 50010
Notes by G.W.K. Time 8:15-9:15 A.M. Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM I-4A To [illegible] #53 [illegible]
Date 11-21-45
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
1	2.319 2.094 1.870 6.283	2.094	22.5 22.4 44.9	44.9	L-3 66°F	9.604 9.386 9.167 28.157	9.386	21.8 21.9 43.7	43.7	Forward [illegible]
2	0.852 0.632 0.411 1.895	0.632	22.0 22.1 44.1	89.0		9.721 9.498 9.272 28.491	9.497	22.3 22.6 44.9	88.6	
3	1.242 1.022 0.804 3.068	1.023	22.0 21.8 43.8	132.8		9.109 8.888 8.665 26.662	8.887	22.1 22.3 44.4	133.0	
4	1.360 1.141 0.921 3.422	1.141	21.9 22.0 43.9	176.7		9.005 8.787 8.567 26.359	8.786	21.8 22.0 43.8	176.8	
5	1.382 1.161 0.941 3.484	1.161	22.1 22.0 44.1	220.8		9.400 9.180 8.959 27.539	9.180	22.0 22.1 44.1	220.9	
		6.051					45.736			Cont'd on pg. [illegible]

F. J. STEVENSON
DEC 2[illegible] 1945

F.B. [illegible] 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 F. H. Steinbeck Weather Clear Inst. No. 50010
Notes by G.W.K. Time Rod No. 4-25-4

Name Grad Cont - Sierra Madre
Job No. 4-419
From SM 1+49 To BM #53-P
Date 11-21-45
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
6	1.149 / 0.978 / 0.705	6.05	22.1 / 22.3 / 44.4	220.8	L-3	9.470 / 9.350 / 9.129	9.300	22.0 / 22.1 / 44.1	220.9	Forward Sum. Carried from pg. 87
	2.782	0.927		265.2		28.049	9.350		265.0	
7	1.262 / 1.041 / 0.819		22.1 / 22.2 / 44.3			9.478 / 9.254 / 9.031		22.4 / 22.3 / 44.7		
	3.122	1.041		309.5		27.763	9.254		309.7	
8	1.422 / 1.200 / 0.976		22.2 / 22.4 / 44.6			9.200 / 8.975 / 8.750		225 / 225 / 450		
	3.598	1.199		354.1		26.925	8.975		354.7	
9	1.588 / 1.366 / 1.145		22.2 / 22.1 / 44.3			9.335 / 9.111 / 8.889		22.4 / 22.2 / 44.6		
	4.099	1.366		399.4		27.335	9.112		399.3	
10	1.610 / 1.389 / 1.168		22.1 / 22.1 / 44.2			9.241 / 9.020 / 8.796		22.1 / 22.4 / 44.5		
	4.167	1.389		442.6		27.057	9.019		442.8	
	11.973					91.446				

F.B. 1202 PG. 62

F. J. STEVENSON
DEC 21 1945

Cont'd on pg. 89.

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.W. Kleinack Weather Clear Inst. No. 50010
Notes by G.W.K. Time Rod No. L-3 & L-4

Name Geod. Cont. [illegible]
Job No. 4919
From S.M. I-4A To [illegible]
Date 11-21-145
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
11	[illegible]	11.973	22.0	442.6	L-3	8.868	91.446	22.3	443.8	Forward Du[illegible]
	1260		22.0			8.645		22.3		Cont'd from pg. [illegible]
	1040		44.0			8422		44.6		
	3780	1260		486.6		25.935	8645		488.4	
12	3796		31.6			9.772		31.6		
	3480		31.8			9.456		31.7		
	3162		63.4			9139		63.3		
	10438	3479		550.0	66°F	28367	9456		551.7	Summation of Du[illegible]
										Trav. Sta. "Sierra Madre" I-4A to B.M. # [illegible]
										Total Backsights = +1671
										Foresights = -109.547
										Diff. in Elevtn = -92.835
				550.0					551.7	
		16.712					109547			

F.B. 12[illegible] PG. [illegible]

F. J. STEV[illegible]SON
DEC 2 [illegible] 1945

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.W. Kleineck Weather Fair Inst. No. 50010
Notes by J. Lanigan Time 9:30 TO 10:30 AM Rod No. L-3 + L-4

Name Geod Cont - Sierra Madre
Job No. 4919
From SM. I-4A To BM #53-P
Date 11-23-'45
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
12	9.588 9.271 8.955 27.814	9.271	31.7 31.6 63.3	63.3	L-3 66°F	3.612 3.297 2.980 9.889	3.[illegible]6	31.5 31.7 63.2	63.2	Backward Run.
11	8.970 8.749 8.528 26.247	8.749	22.1 22.1 44.2	107.5		1.586 1.363 1.142 9.091	1.364	22.3 22.1 44.4	107.6	
10	9.277 9.055 8.833 27.165	9.055	22.2 22.2 44.4	151.9		1.647 1.424 1.201 9.272	1.[illegible]4	22.3 22.[illegible] [illegible]	152.[illegible]	
9	9.193 8.972 8.751 26.916	8.972	22.1 22.1 44.2	[illegible]		1.450 1.228 1.005 3.683	1.228	22.2 22.3 44.5	146.7	
8	9.325 9.101 8.878 27.304	9.101	22.4 22.3 44.7	240.8		1.550 1.326 1.101 3.977	1.326	22.4 22.5 44.9	24[illegible].6	
		45.149					8.638			

F.B. 1200 PG. 90

F. J. STEVENSON
DEC 27 1945

Contd on 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.W. Kleineck Weather ..... Inst. No. 50010
Notes by J. Lanigan Time ..... Rod No. L-3 + L-4

Name Geod. Cont. Sie[illegible] Madi[illegible]
Job No. 4919
From SM I-4A To [illegible] #53.[illegible]
Date 11-23-45
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
7	9.498	45.148	22.4	240.8	L-3	1.282	8.638	22.1	241.6	Backward [illegible]
	9.274		22.2			1.061		22.2		Cont'd from pg. [illegible]
	9.082		44.6			0.839		44.3		
	27.824	9.275		285.4		3.182	1.061		285.9	
6	9.627		22.[illegible]			1.208		22.4		
	9.406		22.[illegible]			0.988		22.2		
	9.186		44.1			0.762		44.6		
	28.219	9.406		327.5		2.954	0.985		330.5	
5	9.392		22.1			1.371		21.1		
	9.171		22.2			1.152		22.0		
	8.949		44.3			0.932		43.9		
	27.512	9.171		373.8		3.455	1.153		374.4	
4	9.130		21.9			1.492		22.0		
	8.911		21.8			1.272		22.1		
	8.693		43.7			1.051		44.1		
	26.734	8.911		418.5		3.815	1.272		418.5	
3	9.154		22.2			1.288		21.9		
	8.932		22.1			1.069		21.9		
	8.711		44.3			0.850		43.8		
	26.797	8.932		461.8		3.207	1.069		462.3	
		90.843					14.177			

F. J. STEVENSON
C 2 [illegible] 945

F.B. 12[illegible] PG. 01

Cont'd on pg. [illegible]2

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. W. Kleineck Weather ..... Inst. No. 52010
Notes by J. Lanigan Time ..... Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. I-4A To BM #53-P
Date 11-23-45
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
2	9.753 9.530 9.306 28.589	90.843 9.530	22.3 22.4 44.7	461.8 506.5	L-3	0.884 0.663 0.441 1.987	14.177 0.663	22.1 22.2 44.3	462.3 506.6	Backward Run. Cont'd from pg. 91.
1	9.598 9.378 9.158 28.134	9.378	22.0 22.0 44.0	550.5	74°F	2.307 2.085 1.862 6.2[illegible]	2.085	22.2 22.2 44.4	551.1	
										Summation of Run BM #53-P to Triang. Sta. "Sierra Madre I-4A"
										Total Backsights = + 109.751 " Fore Sights = - 16.925 Diff. in Elevtn = + 92.826
				550.5					551.1	
		109.751					16.925			

F.B. 1200 PG. 92

F. J. STEVENSON
DEC 27 1945

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.W. Klamerk Weather Clear Inst. No. 50010
Notes by G.W.K Time 9:25-10:15 A.M. Rod No. L-3 & L-4

Name Geo. Cont. - Zone No. 7
Job No. 49'12
From S.M. Ex. To Y.M.-5
Date 11-21-49
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
1	5.780 5.540 5301 16621	5.540	24.0 23.9 47.9	47.9	L-3 70°F	4.239 3.995 3.756 1987	3.996	24.3 24.1 48.4	48.4	Forward Run
2	6.187 5.539 4490 16616	5.539	64.8 64.9 129.7	177.6		5.067 4.417 3765 13249	4416	65.0 65.2 130.2	178.6	
3	6.247 5.500 4748 16495	5.498	74.7 75.2 149.9	327.5		6.529 5.980 5079 17588	5.779	74.9 75.1 150.0	328.6	
4	5.195 4.447 3.701 13343	4448	74.8 74.6 149.4	476.9		6.505 5.752 5.002 17259	5753	75.3 75.0 150.3	478.9	
5	5.150 4.401 3651 13202	4401	74.9 75.0 149.9	626.9		3.595 2.835 2084 8504	2.835	75.0 75.1 150.1	629.0	
		25426					22779			Continued on p. 94

F.B. 17000 PG. 93

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.W. Kleineck Weather Clear Inst. No. 50010
Notes by G.W.K. Time Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM I-5 To SM H-5
Date 11-21-45
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	6.217	25.426	74.7	626.8	L-3	3.178	2[illegible].779	75.0	629.0	Forward Run. Cont'd from pg. 93
	5.470		74.9			2.428		74.9		
	4.721		149.6			1.679		149.9		
	16.408	5.469		776.4		7.285	2.428		778.9	
7	7.985		59.6			3.430		60.0		
	7.389		59.8			2.830		60.0		
	6.791		119.4			2.230		120.0		
	22.165	7.388		895.8		8.490	2.830		898.9	
8	7.908		59.8			3.963		60.3		
	7.310		59.8			3.360		60.2		
	6.712		119.6			2.758		120.5		Summation of Run.
	21.930	7.310		1015.4	75° F	10.081	3.360		1019.4	Triang. Sta. "Sierra Madre I-5" to Trav. Sta. "Sierra Madre H-5"
										Total Backsights = +45.593
										" Foresights = -31.397
										Diff. in Elevtn = +14.196
				1015.4					1019.4	
		45.593					31.397			

F.B. 1200 PG. 94

F. J. STEVENSON
DEC 27 1945

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.W. Hlavacek Weather Fair Inst. No. 5000
Notes by J. Corrigan Time 8:10 To 9:35 A.M. Rod No. L-3 & L-4

Name Geod. Control Surv. Mar
Job No. 4919
From SM. F-5 To [illegible] F-5
Date 11-28-45
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
8	9.002 3.401 2.601		60.1 60.0 120.1		L-3	7.951 7.351 6.751		60.0 60.0 120.0		Backward Run
	10.204	3.401		120.1	62°F	22.053	7.351		120.0	
7	8.479 2.880 2.283		59.9 60.0 119.9			8.031 7.436 6.839		59.5 59.7 119.2		
	8639	2.880		240.0		22.306	7.435		239.2	
6	3.378 2.628 1.880		74.8 74.8 149.3			6.422 5.671 4.922		75.1 74.9 150.0		
	7.887	2.629		389.3		17015	5.672		389.2	
5	3.759 3.010 2.260		74.9 75.0 149.9			6.329 4.579 3.828		74.9 75.1 150.0		
	9.029	3.010		539.2		13.735	4.578		539.2	
4	8.647 5.898 5.146		74.9 75.0 149.9			5.338 4.589 3.840		74.9 74.9 149.8		
	17.693	5.898		689.1		13.767	4.589		689.0	
		17.816					29.625			Correct 60 for 59.9

F.B. 1220 PG. 27

F. J. STEVENSON
DEC 27 1945

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. W. Kleinecke Weather ..... Inst. No. 50010
Notes by GWK Time ..... Rod No. L-3 & L-4

Name Geod Cont. Sierra Madre
Job No. 4919
From S.M. I-5 To S.M. H-5
Date 11-2-45
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
3	6.561	17.816	75.0	689.1	L-3	6.280	29.625	24.9	689.0	Backward Run Contd from pg. 95
	5.811		75.0			5.531		[illegible]		
	5.06[illegible]		150.0			4.78[illegible]		[illegible]		
	17.433	5.811		839.1		16.573	5.531	[illegible]	[illegible]	
2	5.068		64.9			6.188		64.9		
	4.419		65.0			5.53[illegible]		65.0		
	3.76[illegible]		129.9			4.859		129.9		
	13.256	4.419		969.0		16.616	5.[illegible]		968.7	
1	4.418		24.3			5.959		23.9		
	4.175		24.3			5.720		24.0		
	3.932		48.6			5.49[illegible]		47.9		Summation of Run
	12.525	4.175		1017.6	65°F	17.1[illegible]	5.12[illegible]		1016.6	Triang. Sta. "Sierra Madre I-5"
										To Trav. " " " H-5"
										Total Backsights = + 32.221
										" Foresights = − 46.415
										Diff in Elevtn = − 14.194
				1017.6					1016.6	
		32.221					46.415			

F. J. STEVENSON
DEC 27 1945

F.B. 1200 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.W. Kleineck Weather Clear Inst. No. 50010
Notes by G.W.K. Time 10:15 – 11:15 AM Rod No. L-3 + L-4

Name Geod Cont. Sien. Madr 3
Job No. 4919
From SM-H-5 To NZG-5
Date 11-21-45
Indexed A. C. Jones

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.803 6.597 6.389 19.789	6.596	20.6 20.8 41.4	[illegible]	L-3 76°F	4.772 4.564 4.353 13.689	4.563	20.8 21.1 41.9	41.9	Forward Run
2	9.026 8.380 7.732 25.138	8.379	64.6 64.8 129.4	170.8		2.763 2.113 1.464 6.340	2.113	65.0 64.9 129.9	171.8	
3	7.863 7.370 6.874 22.107	7.369	49.3 49.6 98.9	269.7		2.540 2.040 1.539 6.119	2.040	50.0 50.1 100.1	271.9	
4	7.848 7.528 7.208 22.584	7.528	32.0 32.0 64.0	333.7		1.619 1.292 0.969 3.880	1.293	32.7 32.3 65.0	336.9	H.H.R. 12-2-4
5	9.622 9.300 8.979 27.901	9.300	32.2 32.1 64.3	398.0		1.131 0.808 0.482 2.421	0.807	32.3 32.6 64.9	401.8	
		39.172					10.816			Cont'd on pg. 9

F.B. 1200 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 G.W. Hemeck Weather Clear Inst. No. 50010
Notes by G.W.H Time Rod No. L-3 & L-4

Name Geod. Cont - Sierra Madre
Job No. 4919
From SM. 4-5 To SM. 6-5
Date 11-21-45
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
6	10.220	39.97	39.7	395.0	L-3	0.983	10.516	40.1	401.8	Forward Sum Carried from pg. 97
	9.825		39.6			0.582		40.1		
	9.432		39.8			0.181		80.2		
	29.480	9.827		476.8		1.746	0.582		482.0	
7	9.400		39.6			1.905		39.8		
	9.004		39.4			1.567		39.9		
	8.610		79.0			1.168		79.7		
	27.014	9.005		555.8		4.700	1.567		561.7	
8	9.297		44.7			1.661		45.0		
	8.850		44.1			1.211		44.8		
	8.409		88.8			0.763		89.8		
	26.556	8.852		644.6		3.635	1.212		651.5	
9	9.304		49.5			2.320		52.2		
	8.809		49.7			1.820		49.9		
	8.317		99.2			1.321		99.9		
	26.430	8.808		743.8		5.461	1.820		751.4	H.H.R. 12-20-45
10	9.561		59.7			2.085		59.7		
	8.964		59.6			1.489		59.9		
	8.368		119.3			0.889		119.6		
	26.893	8.964		863.1		4.462	1.487		871.0	
		84.628					17.464			

F.B. 1200 PG. 98

cont'd on pg. 99.

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.W. Kleineck Weather Clear Inst. No. 50010
Notes by G.W.K. Time Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. H-5 To S.M. G-5
Date 11-21-'45
Indexed A. C. Jones

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.621	84.628	49.5	863.1	L-3	3.197	17.484	49.8	871.0	Forward Run
11	8.126		49.6			2.699		49.9		Cont'd from pg. 9
	7.630		99.1			2.200		99.7		
	24.377	8.126		962.2	76°F	8.096	2.699		970.7	
										Summation of Run
										Trav. Sta. "Sierra Madre H-5" to Trav. Sta. Sierra Madre G-5"
										Total Backsight = + 92.754
										" Foresight = + 20.183
										Diff. in Elevation = + 72.571
										H.H.R. 12-20-45
				962.2					970.7	
		92.754					20.183			

F.B. 1200 PG. 99

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.W. Heimack Weather Clear Inst. No. 520.10
Notes by J. Lanigan Time 3:10 To 4:15 Rod No. L-3 & L-4

Name Geod. Cont - Sierra Madre
Job No. 4919
From 570.4-5 To 577.6-5
Date 11-21-45
Indexed M. E. Tobin

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	3.230		50.0		L-3	8.655		47.5		Backward Run
	2.730		49.9			8.160		49.4		
	2.231		49.7			7.666		48.1		
	8.191	2.730		99.6	76°F	24.481	8.160		98.9	
10	2.119		59.9			9.591		59.8		
	1.820		60.0			8.993		59.4		
	0.920		119.2			8.399		59.4		
	4.859	1.520		219.8		26.983	8.994		218.6	
9	2.421		49.9			9.408		49.9		
	1.922		49.9			8.910		49.8		
	1.423		99.7			8.412		99.4		
	5.766	1.922		199.3		26.730	8.910		317.7	
8	1.739		24.7			9.374		44.6		
	1.290		24.7			8.928		44.7		
	0.948		49.4			8.481		89.3		
	3.977	1.311		98.8		26.783	8.927		178.6	H.H.B. 12-20-45
7	2.065		39.9			7.504		39.5		
	1.633		39.9			9.110		39.9		
	1.203		79.8			8.712		79.6		
	4.901	1.634		159.6		25.326	8.442		318.6	
	9.133					42.33				

F.B. 1202 PG. 100

cont'd on 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.W. Heinrick Weather Clear Inst. No. 50010
Notes by J. Lamson Time Rod No L-3 & L-4

Name Geod. Control & Mapping
Job No. 4919
From SM 45 To F 6-5
Date 11-21-45
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	1.081	9.132	39.8	789.0	L-3	10.321	9.102	39.4	793.6	Backward Run Contd from pg. 2
	0.693		39.9			9.927		39.7		
	0.298		79.7			9.520		79.1		
	2.072	9.693		538.7		29.778	9.926		865.7	
5	1.198		32.5			9.639		32.2		
	0.773		32.3			9.368		32.5		
	0.550		64.9			9.110		64.7		
	2.521	9.814		638.5		28.107	9.367		830.4	
4	1.694		32.1			7.929		32.3		
	1.378		32.3			7.606		32.4		
	1.360		64.4			7.282		64.7		
	4.117	1.372		738.9		22.817	7.606		895.1	
3	2.645		49.8			7.973		49.4		
	2.147		50.5			7.479		49.9		
	1.647		99.3			6.980		99.3		
	6.439	2.146		994.7		22.432	7.477		794.4	
2	2.771		64.7			9.039		64.9		
	2.124		64.8			8.390		65.0		
	1.476		129.5			7.740		129.9		
	6.371	2.124		927.2		25.169	8.390		924.3	
		16.331					86.968			

F.B. 1222 PG. 127

12-2-45

contd on pg. 1 -

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. W. Kleinert Weather Clear Inst. No. T2010
Notes by J. Landiger Time Rod No. L-3 & L-4

Name Geod Cont-Sierra Madre
Job No. 4919
From S.M. H-5 To S.M. G-5
Date 11-24-45
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	4.826	16.331	20.8	927.2	L-3	6.898	86.968	20.7	929.3	Backward Run Cont'd from pg. 101
	4.668		20.8			6.699		20.9		
	4.240		41.6			6.490		41.8		
	13.974	4.658		968.8	74°F	20.087	6.687		966.1	
										Summation of Run. Trav. Sta. "Sierra Madre G-5" to Trav. Sta. "Sierra Madre H-5"
F.B. 1200 PG. 107				961.8					966.1	Total Backsights = +20989' " Foresights = -93557' Diff. in Elevtn = -72568' 12-20-45
		20.999					93.557			

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.W. Kleineck Weather Clear Inst. No. 50010
Notes by G.W.K Time 11:20 AM-12:25 PM Rod No. L-3 & L-4

Name Geod. Cont. - Tie to P.C.
Job No. 49-9
From SM. 6-5 To SM. 5-A
Date 11-21-49
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	7.791 7.481 7.170 22.442	7.481	31.0 31.1 62.1	62.1	L-3 70°F	3.841 2.538 3231 10.610	3.537	30.3 30.7 61.0	61.0	Forward Run
2	8.180 7.682 7.188 23.050	7.683	49.8 49.4 99.2	161.3		2.739 2.240 1.741 6.720	2.240	49.9 49.9 99.8	160.8	
3	8.330 7.830 7.332 23.492	7.831	50.0 49.8 99.8	261.1		2.788 2.290 1.791 6.869	2.291	49.8 49.5 99.3	260.1	
4	8.585 8.088 7.589 24.262	8.087	49.7 49.9 99.6	360.7		2.640 2.141 1.640 6.421	2.140	49.9 50.1 100.0	360.1	F.B. 1111 PG. 123 12-2-45
5	8.411 7.968 7.522 23.901	7.967	44.3 44.6 88.9	449.6		2.181 1.736 1.288 5.205	1.735	44.5 44.8 89.3	449.4	
		39.049					11.943			Contd on pg. 4

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.W. Kleineck Weather Clear Inst. No. 50010
Notes by G.W.K Time Rod No. L-3 + L-4

Name Geod. Cont.-Sierra Madre
Job No. 4919
From SM G-5 To SM F-5A
Date 11-21-'45
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	9.770 9.323 8.876 27.969	39.049 9.323	44.7 44.7 89.4	449.6 539.0	L-3	1.720 1.271 0.823 3.814	11.943 1.271	44.9 44.8 89.7	449.4 539.1	Forward Run Cont'd from pg. 103
7	9.478 9.030 8.584 27.092	9.031	44.8 44.6 89.4	628.4		1.670 1.222 0.774 3.666	1.222	44.8 44.8 89.6	628.7	
8	9.502 9.061 8.618 27.181	9.060	44.1 44.3 88.4	716.8		1.760 1.310 0.860 3.930	1.310	45.0 45.0 90.0	718.7	
9	9.227 8.781 8.332 26.340	8.780	44.6 44.9 89.5	806.3		1.689 1.241 0.792 3.722	1.241	44.8 44.9 89.7	806.4	
10	9.030 8.584 8.140 25.754	8.585	44.6 44.4 89.0	895.3		1.840 1.391 0.945 4.176	1.392	44.9 44.6 89.5	895.9	12-20-45
		83.828					18.379			

F.B. 1200 PG. 104

Cont'd on pg. 105

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.W. Hemrick Weather Clear Inst. No. 5010
Notes by G.W.H. Time Rod No. L-3 & L-4

Name Geod. Cont. Sierra Madre
Job No. A919
From SM G-5 To " " F-54
Date 11-21-45
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
11	9.129 8.681 8.735	8.868	448 446 894	8.953	L-3	2.142 1.692 1.245	1.693	450 447 897	8.959	Forward Run Carried from Sta. 24
	26.045	8.682		9847		5.079	1.693		9856	
12	9.260 8.814 8.368		447 445 892			1.823 1.372 0.923		451 449 900		
	26.441	8.814		10771		4.118	1.373		10756	Summation of Run
13	9.575 9.079 8.580		496 499 995			2.555 2.060 1.561		495 493 988		From Sta. "Sierra Madre G-5" to Trav. St. "Sierra Madre F-54"
	27.234	9.078		11734	80°F	6.176	2.059		11750	
										Total Backsights = + 110.402 " Foresights = - 23.504 Diff. in Elev. = + 86.898
				11734					11750	12-21-45
		110.402					23.504			

F.B. 1200 PG. 42-5

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.W. Kleineck Weather Clear Inst. No. 50010
Notes by J. Lanigan Time 1:45 To 3:00 P.M. Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM G-5 To SM F-5A
Date 11-21-45
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
13	2.646 2.190 1.693 6.569	2.190	[illegible] [illegible] [illegible]	99.3	L-3 78°F	9.711 9.211 8.711 27.633	[illegible]	50.0 50.0 50.0	[illegible]	Backward Run
12	1.850 1.401 0.951 4.202	1.401	44.9 45.0 89.9	189.2		9.288 8.839 8.389 26.516	8.839	44.9 45.0 89.9	189.2	
11	2.140 1.690 1.241 5.071	1.690	45.0 44.9 89.9	279.1		9.139 8.680 8.231 26.040	8.680	44.9 44.9 89.8	279.7	
10	1.907 1.461 1.015 4.383	1.461	44.6 44.6 89.2	368.3		9.102 8.656 8.208 25.966	8.655	44.6 44.8 89.4	369.1	
9	1.814 1.369 0.922 4.105	1.368	44.5 44.7 89.2	457.5		9.355 8.909 8.461 26.725	8.908	44.6 44.8 89.4	458.5	12-20-45
		8.110					44.293			

F.B. 1200 PG. 106

Cont'd on 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.W. Kleineck Weather Clear Inst. No. 50010
Notes by J. Lanigan Time Rod No. L-3 & L-4

Name Geod. Cont. [illegible] Madr[illegible]
Job No. 4919
From SM. G-5 To [illegible] F-5F
Date 11-21-45
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
8	1.747 1.298 0.849 3.894	8.110 1.298	44.9 44.9 89.8	457.5 547.3	L-3	9.49[illegible] 9.044 8.600 27.134	44.293 9.045	44.6 44.4 89.0	458.5 547.5	Backward [illegible] Cont'd from pg. [illegible]
7	1.758 1.310 0.862 3.930	1.310	44.8 44.9 89.6	636.9		9.568 9.120 8.671 27.359	9.120	44.8 44.9 89.7	637.2	
6	1.795 1.349 0.900 4.044	1.348	44.6 44.9 89.5	726.4		9.847 9.399 8.950 28.196	9.399	44.8 44.9 89.7	726.9	
5	2.288 1.840 1.391 5.519	1.840	44.8 44.9 89.7	816.1		8.519 8.074 7.630 24.223	8.074	44.5 44.4 89.9	815.8	
4	2.605 2.108 1.609 6.322	2.107	49.7 49.9 99.6	915.7		8.551 8.052 7.553 24.156	8.052	49.9 49.9 99.8	915.6	12-20-45
		16.013					87.983			Contd on pg. [illegible]

F.B. 1700 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. W. Kleineck Weather Clear Inst. No. 50010
Notes by J. Lanigan Time Rod No. L-3 & L-4

Name Geod. Cont. Sierra Madre
Job No. 4919
From SM. G-5 To SM. F-5A
Date 11-21-45
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
3	2.912	16.013	49.4	915.7	L-3	8.457	8.983	49.7	915.6	Backward Run Carried from 09.107
	2.417		49.5			7.960		49.9		
	1.129		99.9			1.061		99.6		
	7.253	2.417		915.8		23.878	7.959		1115.2	
2	2.799		49.9			8.188		49.7		
	2.259		49.9			7.691		49.5		
	1.761		99.8			7.176		49.2		
	6.750	2.250		1114.7		23.054	7.685		1114.9	
1	3.999		30.7			7.954		30.9		
	3.692		30.4			7.641		31.2		
	3.388		61.1			7.329		62.1		
	11.079	3.693		1115.8	78°F	23.320	7.773		1116.5	Summation of Run: Trav. Sta. "Sierra Madre F-5A" to Trav. Sta. Sierra Madre G-5"
F.B. 1200 PG. 108										Total Backsights = + 24.373
										" Fore sights = - 111.274
										Diff. in Elevtn = - 86.901
				1115.8					1116.5	12-20-45
		24.373					111.274			

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.W. Wiemeck Weather Fair Inst. No. 50010
Notes by F.W.K. Time 11:10 - 11:30 A.M. Rod No. L-3 + L-4

Name Geod. Cont. Line & Mdr
Job No. 4919
From SM F-59 To [illegible] F-5
Date 11-22-45
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
	11.199		.544		L-3	1.687		.544		
1	10.655		.545			1.138		.547		Forward Run.
	10.110		108.9			0.591		101.1		
	31.964	10.655		108.9	76°F	3.416	1.137		109.1	
	8.918		.572			2.149		.574		
2	8.346		.573			1.575		.573		
	7.773		114.5			1.00		114.7		Summation of Bk. & Fwd. Sts. "Sta. 12 to the F.A."
	25.037	8.346		223.4		4.726	1.575		223.8	
	9.098		.598			2.977		.599		To " " 12 " F-5
3	8.500		.599			2.378		.600		
	7.901		119.7			1.778		119.9		
	25.499	8.500		343.1	68°F	7.133	2.378		343.7	
										Total Backsights = 27.501
										Total Foresights = 5.090
										Diff. in Elev. = 22.411
										F.B. 1222 PG. 109
										12-20-45
				343.1					343.7	
		27.501					5.090			

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. W. Hlaneck Weather [illegible] Inst. No. 50010
Notes by J. J. [illegible] Time 8:50 [illegible] Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4911
From SM F-5A To SM F-5
Date 11-28-45
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
3	3.135 2.539 1.940 7.614	2.538	59.6 59.9 119.5	119.5	L-3 70°F	9.259 8.660 [illegible] [illegible]	[illegible]	59.9 59.9 119.8	119.8	Backward Run.
2	2.353 1.782 1.210 5.345	1.782	57.1 57.2 114.3	233.8		9.123 8.551 7.979 25.653	8.551	57.2 57.2 114.4	234.2	
1	2.043 1.499 0.950 4.492	1.497	54.4 54.9 109.3	343.1	70°F	11.559 11.019 10.475 33.053	[illegible]	54.0 54.4 108.4	342.6	Summation of Run Trav. Sta. "Sierra Madre F-5" to " " " " F-5A"
										Total Backsights = + 5.817 " Foresights = - 28.229 Diff. in Elevt. = - 22.412
				343.1					342.6	H.H.R. 12-21-45
		5.817					28.229			

F.B. 1200 PG. 110

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.W. Warnock Weather Fair Inst. No. 56010
Notes by G.W.W. Time 11:30 AM-12 M. Rod No. L-3 & L-4

Name Prop. Ex. "A" to Moore
Job No. 4919
From Sta. E-5 To Sta. E-5A
Date 11-22-45
Indexed A.C.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod end Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	9.121 8.459 7.790 5.370	8.457	66.2 66.4 133.1	1331	L-3 78°F	3.330 2.662 1.996 2.987	2.663	66.8 66.6 133.4	1334	Forward Run
2	8.638 7.880 7.138 23.638	7.879	74.1 75.0 149.1	2819		3.230 2.481 1.730 7.441	2.480	74.9 75.1 150.0	2834	Summation of Fwd
3	8.038 7.290 6.541 21.869	7.290	74.8 74.9 149.7	4326		3.955 3.207 2.457 9.619	3.206	74.8 75.0 149.8	4332	Trav. Sta. "Sierra Hwy" E-5 to " " " E 5A" Total Backsights = + 37.992 " Foresights = - 14.363 Diff in Elev'n = + 23.629
4	8.065 7.318 6.570 21.953	7.318	74.7 74.8 149.5	5821		3.772 3.025 2.276 9.073	3.024	74.7 74.9 149.6	5828	F.B. 1220 PG. 111
5	7.791 7.047 6.300 21.138	7.046 37.992	74.4 74.7 149.1	7312	78°F	3.739 2.990 2.242 8.971	2.990 14.363	74.9 74.8 149.7	7325	12-21-45

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. W. Kleineck Weather Fair Inst. No. 50010
Notes by J. J. Lanigan Time 8:05 To 8:40 [illegible] Rod No. L-3 & L-4

Name Geod. Cont. Sierra Madre
Job No. 4919
From SM E-5 To SM E-5A
Date 11-28-45
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
5	3.885 3.139 2.390 9.414	3.138	74.6 74.9 149.5	149.5	L-3 60°F	7.949 7.199 6.450 21.598	[illegible]	75.0 74.9 [illegible]	[illegible]	Backward Run
4	3.806 3.058 2.309 9.173	3.058	74.8 74.9 149.7	299.2		8.099 7.348 6.598 22.045	7.348	75.1 75.0 [illegible]	300.0	
3	3.986 3.238 2.487 9.711	3.237	74.9 75.1 149.8	449.1		8.068 7.319 6.570 21.967	7.319	74.9 74.9 149.8	449.8	Summation of Run. Trav. Sta. "Sierra Madre E-5A" to " " " " " F-5
2	3.370 2.620 1.871 7.861	2.620	75.0 74.9 149.9	599.0		8.769 8.019 7.270 24.058	[illegible]	75.0 74.9 149.9	599.7	Total Backsights = + 14.920 " Foresights = − 38.546
1	3.533 2.868 2.201 8.602	2.867 14.920	66.5 66.7 133.2	732.2	62°F	9.328 8.661 7.994 25.983	8.661 38.546	66.7 66.7 133.4	733.1	Diff. in Elev'th = − 23.626 12-21-45

F.B. 1200 PG. 112

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.W. Hlaimack Weather Clear Inst. No. 50010
Notes by G.W.K. Time 1120 - 1140 P.M. Rod No. L-3 & L-4

Name Geod. Ant. - Sierra Madre
Job No. 4919
From S.M. E-5A To S.M. E-5
Date 11-23-45
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.089 5.897 5.703 17.689	5.896	192 194 386	386	L-3 82°F	4.862 4.669 4.479 14.010	4.670	193 190 383	383	Forward Run
2	7.328 6.582 5.837 19.747	6.582	746 745 149.1	1877		3.667 2.919 2.169 8.755	2.918	748 750 149.8	188.1	Summation of Run Trav. Sta. "Sierra Madre E-5A" to " " " E-5
3	7.862 7.115 6.367 21.344	7.115	747 748 149.5	337.2	82°F	3.720 2.981 2.231 8.932	2.979	745 750 149.5	337.6	Total Backsights = + 11.593 " Foresights = - 10.567 Diff. in Elevation = + 1.026
		19.593		337.2			10.567		337.6	12-21-45

F.B. 6700 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 G.W. Kleineck Weather [illegible] Inst. No. 50010
Notes by J.J. Lanigan Time 3:00 To 3:15 PM Rod No. L-3 + L-4

Name Geod. Ant. - Sierra Madre
Job No. 4919
From SM E-5A To SM E-5
Date 11-26-45
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
3	3.926 3.180 2.431 9.537	3.179	74.6 74.9 149.5	149.5	L-3 76°F	8.066 7.315 6.555 21.946	7.315	75.1 75.0 150.1	150.1	Backward Run
2	3.791 3.044 2.295 9.130	3.043	74.7 74.9 149.6	299.1		7.468 6.7[illegible] 5.9[illegible] 20.124	[illegible]	75.0 75.0 150.0	300.1	
1	5.109 4.917 4.725 14.751	4.917	19.2 19.2 38.4	337.5	76°F	6.335 6.1[illegible] 5.952 18.431	[illegible]	19.1 19.0 38.3	338.3	Summation of Run Trav. Stg. "Sierra Madre E-5" to " " " " " E-5A
										Total Backsights = + 11.139 " Foresights = − 20.167 Diff. in Elevtn = − 9.028
		11.139		337.5			20.167		338.3	12-21-45

F.B. 1200 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.W. Hainack Weather Clear Inst. No. 5010
Notes by G.W.K Time 1:45 - 2:25 PM Rod No. L-3 & L-4

Name Geod. Lev. - Sta. - Elev. - Hwy. 2
Job No. 4919
From S.M.E-5 To T.D-5
Date 11-23-49
Indexed C. Jones

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	8.468 7.674 6.880 23.022	7.674	79.4 79.4 158.8	158.8	L-3 82°F	3.460 2.661 1.864 7.985	2.662	79.9 79.7 159.6	159.6	Forward Run
2	7.992 7.245 6.495 21.732	7.244	74.7 75.0 149.7	298.5		3.628 2.882 2.134 8.644	2.881	74.6 74.8 149.4	309.0	
3	7.245 6.498 5.745 20.988	6.996	74.7 75.3 150.0	458.5		5.500 4.750 3.994 14.244	4.751	75.0 74.6 149.6	458.6	
4	6.929 6.179 5.425 18.533	6.178	75.0 75.4 150.4	608.9		4.870 4.125 3.380 12.375	4.125	74.5 74.5 149.0	607.6	
5	6.224 5.479 4.728 16.431	5.477	74.5 75.1 149.6	758.5		4.731 3.985 3.236 11.952	3.984	74.6 74.9 149.5	757.1	
		33.569					16.403			

F.B. 1200 PG. 115

Contd on 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.W. Kleineck Weather ..... Inst. No. 50010
Notes by G.W.K. Time ..... Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. E-5 To S.M. D-5
Date 11-23-45
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
6	7.543 6.797 6.047 20.387	33.569 6.796	746 750 1496	759.5 907.1	L-3 76° F	5.199 4.449 3.700 13.348	[illegible] 4.449	750 749 1499	757.1 907.0	Forward Run. Cont'd from pg. 115
										Summation of Run. Trav. Sta. Sierra Madre E-5 to " " " " D-5
										Total Backsights = + 40.365 " Foresights = − 20.852 Diff. in Elevth = + 19.513
				908.1					907.0	12-21-45
		40.365					20.852			

F.B. 1200 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.W. Kleineck Weather Clear Inst. No. 50010
Notes by J. J. Lanigan Time 11:35 A.M. TO 12:10 P.M. Rod No. L-3 + L-4

Name Geod. Cont. - [illegible] Moore
Job No. 4919
From S.M. E-5 To [illegible]
Date 11-26-45
Indexed A. C. Jones

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	5.424 4.672 3.924 14.020	4.673	75.2 74.8 150.0	150.0	L-3 78°F	7.770 7.021 6.271 21.062	7.021	74.9 75.0 149.9	149.9	Backward Run
5	6.085 4.336 2.586 [illegible]	4.336	74.9 75.0 149.9	299.8		6.579 5.830 5.081 17.490	5.830	74.9 74.9 149.8	299.7	
4	5.166 4.420 3.67[illegible] 13.256	[illegible]	74.6 75.0 149.6	449.5		7.214 6.469 5.719 19.402	6.467	74.5 75.0 149.5	449.2	
3	3.840 3.091 2.342 9.274	3.091	74.9 74.8 149.7	599.2		8.087 7.337 6.587 22.011	7.337	75.0 75.0 150.0	599.2	
2	3.868 3.120 2.370 9.358	3.119	74.8 75.0 149.8	749.0		8.233 7.487 6.734 22.454	7.485	74.6 75.3 149.9	749.1	
		19.638					34.140			

Cont'd on pg. 11[illegible]

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.W. Meinecke Weather ..... Inst. No. 50.010
Notes by ..... Time ..... Rod No. L-3 + L-4

Name Geod. Coast-Sierra Madre
Job No. 4919
From 5th. E-5 To 5th. D-5
Date .....
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	3.682	19.638	83.1	749.0	L-3	9.689	34.140	79.7	749.1	Backward Run.
	2.981		79.9			7.592		79.4		
	2.092		140.0			7.096		159.3		
	8.645	2.882		909.0	79°	23.677	7.892		908.4	
										Summation of Run.
										Trav. Sta. Sierra Madre D-5
										to " " " " E-5
										Total Backsight = + 2252.0
										" Foresight = - 42.032
										Diff. in Elevation = - 19.512
				909.0					908.4	12-21-45
	2252.0					42.032				

F.B. 220 PG. 44

FORM 379 5M 7-40

PLEASE RETURN TO
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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.W. Kleineck Weather Clear Inst. No. 50010
Notes by G.W.K. Time 2:20 - 4:00 PM Rod No. L-3 + L-4

Name Geod. Cont. [illegible] Madre
Job No. 4919
From S.M. D-4 To S.M. D-4 3
Date 11-23-45
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	10.147 9.850 9.555 29.552	9.851	29.7 29.5 59.2	59.2	L-3 75°F	1.090 0.795 0.498 2.383	0.794	29.5 29.7 59.2	59.2	Forward Run
2	9.172 8.902 8.630 26.704	8.901	27.0 27.2 54.2	113.4		1.231 0.960 0.685 2.876	0.959	27.1 27.5 54.6	113.8	
3	9.328 9.058 8.785 27.171	9.057	27.0 27.3 54.3	167.7		1.113 0.842 0.570 2.525	0.842	27.1 27.2 54.3	168.1	
4	9.401 9.130 8.858 27.389	9.130	27.1 27.2 54.3	222.0		1.206 0.936 0.663 2.805	0.935	27.0 27.3 54.3	222.4	
5	9.363 9.091 8.820 27.274	9.091 46.030	27.2 27.1 54.3	276.3		1.202 0.930 0.660 2.792	0.931 4.461	27.2 27.0 54.2	276.6	

F.B. 1200 PG. 119

Cont'd on 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.W. Kleineck Weather Clear Inst. No. 50010
Notes by GWK Time Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM D-4A To SM D-4B
Date 11-23-45
Indexed [illegible] Jonnson

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	9.380 9.108 8.835 27.323	46.035 9.108	27.2 27.3 54.5	276.3 330.8	L-3	1.228 0.965 0.691 2.894	4.46 [illegible]	27.3 27.4 54.7	276.6 331.3	Forward Run. Cont'd from pg. 119.
7	9.300 9.029 8.760 27.089	9.030	27.1 26.9 54.0	384.8		1.219 0.942 0.670 2.831	[illegible]	27.7 27.2 54.9	386.2	
8	8.982 8.712 8.442 26.136	8.712	27.0 27.0 54.0	438.8		1.468 1.195 0.920 3.583	[illegible]	27.3 27.5 54.8	441.0	
9	9.228 8.952 8.680 26.860	8.953	27.6 27.2 54.8	493.6		1.139 0.867 0.595 2.601	[illegible]	27.2 27.2 54.4	495.4	
10	9.252 8.982 8.710 26.944	8.981	27.0 27.2 54.2	547.8		1.135 0.861 0.585 2.581	0.860	27.4 27.6 55.0	550.4	
		90.814					9.291			

F.B. 1200 PG. 120

Cont'd on pg. 121.

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 E.M. Steinbeck Weather Clear Inst. No. 5010
Notes by B.N.C Time Rod No. L-3 & L-4

Name Sand Cr. T. 7 to Mad 2
Job No. 4911
From SM D-49 To 7.7-43
Date 11-23-44
Indexed A. C. Johns

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	9.367 9.098 8.828 27.293	9.0.817	26.9 27.0 53.9	547.8	L-3	1.100 0.855 2.551 2.476	9.291 0.855	24.5 29.4 54.9	550.4 602.3	Forward Run Cont'd From Pg 120
12	9.631 9.361 9.090 28.082	9.361	27.0 27.1 54.1	555.8		1.050 0.778 0.502 2.330	0.777	29.2 24.2 54.8	660.1	Summation of Cum. Trav. Sta. Sierra Pk. to D-49 " " " " " D-43
13	9.776 9.495 9.211 28.482	9.485	27.3 27.4 54.7	710.5		1.151 0.882 0.611 2.644	0.881	26.9 27.1 54.0	714.1	Total Backsights = +136.156 " Foresights = -14.876 Diff. in Elev. = +121.280
14	8.927 8.678 8.428 26.033	8.678	24.9 25.0 49.9	760.4		1.321 1.076 0.830 3.227	1.076	24.5 24.6 49.1	763.2	F.B. 1200 PG. 121
15	9.041 8.720 8.400 26.161	8.720	32.1 32.0 64.1	824.5	72°F	2.349 2.026 1.702 6.077	2.026	32.3 32.4 64.7	827.9	H.I.E.H 12/26/44
		136.156					14.876			

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. W. Kleineck Weather Clear Inst. No. 50010
Notes by J. J. Lanigan Time 1:25 To 2:40 P.M. Rod No. L-3 + L-4

Name Geod. Cont. Sierra Madre
Job No. 4919
From SM. D-4A To SM. D-4B
Date 11-26-45
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
15	2.419		32.4		L-3	9.111		32.1		Backward Run
	2.095		32.4			8.790		32.3		
	1.771		64.8			8.467		64.4		
	6.285	2.095		64.8	80°F	26.368	[illegible]		64.4	
14	1.453		24.6			9.054		24.7		
	1.207		24.7			8.807		24.9		
	0.960		49.3			8.558		49.6		
	3.620	1.207		114.1		26.419	8.806		114.0	
13	1.250		27.1			9.850		26.9		
	0.979		27.4			9.581		27.0		
	0.705		54.5			9.311		53.9		
	2.934	0.978		168.6		28.742	9.581		167.9	
12	1.175		27.3			9.753		27.1		H. E. H. 12/26/45
	0.902		27.3			9.482		27.2		
	0.629		54.6			9.210		54.3		
	2.706	0.902		223.2		28.445	9.482		222.2	
11	1.373		27.1			9.644		27.0		
	1.102		27.2			9.374		27.1		
	0.830		54.3			9.103		54.1		
	3.305	1.102		277.5		28.121	9.374		276.3	
		6.284					46.032			

F.B. 1200 PG. 122

Contd on 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.W. Weinreck Weather Clear Inst. No. 50010
Notes by J.J. Flanagan Time Rod No. L-3 & L-4

Name Road Cont. 5 to Thor
Job No. 4-919
From 7+77.2-4.5 To 8+72.2-4.5
Date 11-
Indexed A. C. Johns

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	1.822 1.350 0.779	1.050	27.2 27.3 54.5	277.5	L-3	9.445 9.171 8.898	9.171	27.4 27.3 54.7	276.3	Backward El. 3rd from pt. 12
	3.150			331.9		27.514			331.0	
9	1.373 1.152 0.831	1.102	27.1 27.3 54.4	386.2		9.463 9.193 8.919	9.196	27.3 27.2 54.5	385.5	
8	1.733 1.460 1.187	1.460	27.3 27.3 54.6	440.8		9.249 8.978 8.707	8.978	27.1 27.1 54.2	439.7	
7	1.369 1.098 0.825	1.097	27.1 27.3 54.4	495.2		9.455 9.183 8.910	9.183	27.2 27.3 54.5	494.2	
6	1.527 1.254 0.982	1.254	27.3 27.2 54.5	549.7		9.669 9.396 9.122	9.396	27.3 27.4 54.7	548.9	F. J. STEVENSON DEC 2 1945
	3.763	12.247				29.197	91.950			Cont'd on pg. 12.

F.B. 1211 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.W. Kleineck Weather Clear Inst. No. 50010
Notes by J.J. Lanigan Time Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM. D-4A To SM. D-4B
Date 11-26-45
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
5	1.397	12.247	27.3	549.7	L-3	9.561	91.950	27.2	548.9	Backward Run
	1.124		27.2			9.3[illegible]		27.4		cont'd from pg. 123
	0.852		54.5			9.0[illegible]		54.6		
	3.373	1.124		604.2	78°F	27.865	[illegible]88		603.5	
4	1.311		27.0			9.505		27.[illegible]		
	1.041		27.[illegible]			9.[illegible]		27.2		
	0.770		54.1			8.9[illegible]		54.5		
	3.122	1.041		658.3		[illegible]	[illegible]		659.0	
3	1.410		27.0			9.623		27.1		
	1.140		27.3			9.35[illegible]		27.1		
	0.867		54.3			[illegible]		54.[illegible]		
	3.417	1.139		712.6		28.056	[illegible]42		712.2	Summation of Run.
2	1.474		[illegible]			9.416		27.2		Trav. Sta. "Sierra Madre D-4B"
	1.202		27.2			9.144		27.1		to " " " " D-4A"
	0.930		54.4			8.9[illegible]		54.3		
	3.606	[illegible]		767.0		27.433	[illegible]		766.5	Total Backsights = + 17.929
1	1.472		29.6			10.529		29.[illegible]		" Foresights = − 139.198
	1.176		29.6			10.232		29.7		Diff. in Elev'tn = − 121.269
	0.880		59.2			9.935		59.4		
	3.528	1.176		826.2		30.696	[illegible]		825.9	
	17.929					139.198				

F. J. STEVENSON
DEC 2[illegible] 1945

F.B. 1200 PG. 124

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.W. Klemmeck Weather Fair Inst. No. 50010
Notes by G.W.K. Time 11 A.M.-12:15 P.M. Rod No. L-3 & L-4

Name Gravel Contr. - Sylmar Plant
Job No. L-19
From S.M.D.-4B To S.T.E.-4
Date 11-28-55
Indexed C. Jones

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5.953 5.207 4.451 15.603	5.201	74.8 75.1 149.9	1499	L-3 72° F	9.218 8.468 7.719 25.405	8.468	75.0 74.9 149.9	1499	Forward Rod
2	5.570 4.824 4.072 14.466	4.822	74.6 75.2 149.8	299.7		4.265 3.516 2.767 10.548	3.516	74.9 74.9 149.8	299.7	
3	5.369 4.621 3.870 13.860	4.620	74.8 75.1 149.9	449.6		8.598 7.848 7.100 23.546	7.849	75.0 74.8 149.8	449.5	
4	2.450 1.703 0.955 5.108	1.703	74.7 74.8 149.5	599.1		8.685 7.937 7.187 23.809	7.936	74.8 75.0 149.8	599.3	
5	2.592 1.847 1.093 5.527	1.842	74.9 74.9 149.9	749.0		11.604 10.861 10.109 32.574	10.858	74.3 75.2 149.5	748.8	
		18.188					38.627			

F. J. STEVENSON
DEC 27 19

F.B. 12200 PG. 17

Contd on [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.W. Kleinrock Weather Fair Inst. No. 50010
Notes by GWK Time Rod No. L-3 + L-4

Name Geod. Cont - Sierra Madre
Job No. 4919
From SM D-4B To SM E-4
Date 11-28-'45
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
6	5.859 5.108 4.358 15.325	18.188 5.108	75.1 75.0 150.1	749.0 899.1	L-3	5.168 4.419 3.668 13.255	38.627 4.418	74.9 75.1 150.0	748.8 898.8	Forward Run. Cont'd from pg. 125
7	1.478 1.229 0.982 3.689	1.230	24.9 24.7 49.6	948.7		10.693 10.450 10.204 31.347	10.449	24.3 24.6 48.9	947.7	
8	1.275 1.028 0.782 3.085	1.028	24.7 24.6 49.3	998.0		7.942 7.695 7.449 23.086	7.695	24.7 24.6 49.3	997.0	
9	2.179 1.430 0.681 4.290	1.430	74.9 74.9 149.8	1147.8		11.151 10.409 9.661 31.221	10.407	74.2 74.8 149.0	1146.0	
10	1.921 1.423 0.924 4.268	1.423	49.8 49.9 99.7	1247.5		10.550 10.051 9.555 30.156	10.052	49.9 49.6 99.5	1245.5	
		28.407					81.648			

F.B. 1200 PG. 126

F. J. STEVENSON

Cont'd on 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.W. Kleineck Weather Fair Inst. No. 50010
Notes by G.W.K. Time Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM D-4B To SM E-4
Date 11-28-45
Indexed A. O. Johnk

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals
	3.039	28.407	33.7	1247.5	L-3	5.588	81.648	33.8	1245.5
11	2.702		33.7			5.250		33.7	
	2.365		67.4			4.913		67.5	
	8.106	2.702		1314.9	76°F	15.751	5.250		1313.0
				1314.9					1313.0
		31.109					86.898		

DESCRIPTION AND REMARKS

Forward Run
Cont'd from pg. 1[illegible]6.

Summation of Run
Trav. Sta. Sierra Madre D-4B
to " " " E-4

Total Backsights = + 31.10[illegible]
" Foresights = 86.89[illegible]
Diff. in Elevt. = - 55.78[illegible]

F. J. STEVENSON
DEC 27 1945

F.B. 1200 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 Gul. Kleineck Weather Fair Inst. No. 50010
Notes by J. J. Lanigan Time 9:45 TO 11:00 AM Rod No. L-3 & L-4

Name Geod. Cont.-Sierra Madre
Job No. 4919
From S.M. D-4B To S.M. E-4
Date 11-30-45
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
11	5.645		33.5		L-3	[illegible]		33.8		Backward Run
	5.310		33.8			[illegible]		33.9		
	4.972		67.3			[illegible]		67.6		
	15.927	5.309		67.3	56°F	[illegible]	[illegible]		67.6	
10	10.524		49.5			1.898		49.9		
	10.029		49.9			1.399		49.9		
	9.530		99.4			0.900		99.8		
	30.083	10.028		166.7		[illegible]	[illegible]		167.4	
9	11.303		74.7			2.221		74.6		
	10.456		74.8			1.475		74.5		
	9.708		149.5			0.730		149.1		
	31.367	10.456		316.2		[illegible]	1.475		316.5	
8	7.800		24.7			1.131		[illegible]		
	7.553		24.6			[illegible]		[illegible]		
	7.307		49.3			0.639		[illegible]		
	22.660	7.553		365.5		2.655	[illegible]		[illegible]	
7	10.617		24.6			1.398		24.5		
	10.371		24.5			1.150		24.5		
	10.126		49.1			[illegible]		49.6		
	31.114	10.371		414.6		[illegible]	[illegible]		415.3	
		43.717					7.669			

F. J. STEVENSON
1945

F.B. 1202 PG. 128

Cont'd on 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.W. Hemenez Weather ____ Inst. No. 50010
Notes by J.J. Lanigan Time ____ Rod No. L-2-L4

Name Geod. Cont. in Wash
Job No. 4919
From SM D-4 R to M E-4
Date 11-30-45
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
6	4.850 4.138 3.387 12.375	43.317 4.138	75.0 75.2 150.2	464.8	L-3	5.575 4.227 4.[illegible] [illegible]	7.663 4.227	74.8 74.5 149.3	574.3	Backward Elev. Contd from pg. 1-8
5	11.398 9.650 8.899 31.947	10.649	74.8 75.1 149.9	1145.7		2.381 1.333 2.585 [illegible]	[illegible]	74.8 74.5 149.3	714.5	
4	8.521 7.771 7.022 23.314	7.771	75.0 74.9 149.9	1014.5		3.202 4.551 3.801 11.554	4.551	75.1 74.5 149.6	1014.8	
3	4.209 3.459 2.709 10.379	3.459	74.9 75.1 150.0	1164.5		6.519 4.768 4.019 14.381	4.767	74.9 74.9 149.8	1164.3	F. J. STEVENSON DEC 4 1945
		77.495					24.982			Contd on pg. 1-9

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

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.W. Kleineck Weather ..... Inst. No. 50010
Notes by ..... Time ..... Rod No. L-3 & L-4

Name Geod. Cont. Sierra Madre
Job No. 4919
From SM D-4B To SM E-4
Date 4-30-45
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	9.079	77.495	74.9	1164.6	L-3	5.81[illegible]	24.982	75.6	1164.3	Backward Run
	8.330		75.0			5.0[illegible]		75.1		Cont'd from pg. 129
	7.580		149.9			4.318		150.1		
	24.989	8.330		1314.4	[illegible]	[illegible]	[illegible]		1314.4	
										Summation of Run
										Trav. Sta. "Sierra Madre E-4"
										to " " " " " D-4B"
										Total Backsight = + 85.825
										" Foresight = − 30.051
										Diff. in Elevtn = + 55.774
				1314.4					1314.4	
		85.825					[illegible].051			

F. J. STEVENSON
1945

F.B. 1200 PG. 130

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.W. Heinecke Weather Fair Inst. No. 50010
Notes by G.W.H. Time 1:35–2:15 P.M. Rod No. L-3 + L-4

Name Geod. Control - Mad
Job No. 4919
From SM E-4 To SM E-4 B
Date 11-28-45
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	6892		23.4		L-3	4.199		22.9		Forward Run
	6.638		23.8			3.960		24.2		
	6.400		47.2			2.721		47.8		
	13.910	6.637		47.2	76°F	11.880	3.960		47.6	
2	8.282		49.8			2.781		50.0		
	7.782		49.7			2.281		50.0		
	2.987		99.5			1.791		100.0		
	23.051	7.684		146.7		6.853	2.281		147.8	
3	8.560		45.0			1.660		45.0		
	8.110		44.8			1.210		44.9		
	2.662		89.7			2.761		89.9		
	24.332	8.111		226.5		5.631	1.210		237.7	
4	8.211		19.2			1.068		19.9		
	8.019		19.5			0.869		20.0		
	7.824		38.7			1.069		39.9		
	24.054	8.018		277.2		2.606	0.869		277.6	
5	8.492		14.3			0.896		14.8		
	8.209		14.3			0.748		14.9		
	8.626		28.6			0.599		29.7		
	16.327	8.169		303.8		2.243	0.748		307.3	
	29.319						9.068			

F.B. 12202 PG. 1-3

F. J. STEVENSON
DEC 28 1945

Cont'd on pg. 1-3

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.W. Kleineck Weather Fair Inst. No. 50010
Notes by GWK Time Rod No. L-3 + L-4

Name Good Cont.-Sierra Madre
Job No. 4919
From SM. E-4 To SM. F-4B
Date 11-28-45
Indexed [illegible] 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	8.978 8.859 8.740 26.577	39.319 8.859	11.9 11.9 23.8	303.8 327.6	L-3	0.905 0.755 0.662 2.355	7.068 0.785	12.3 12.3 24.6	307.3 331.9	Forward Run cont'd from pg. 131
7	10.623 10.428 10.230 31.281	10.427	19.5 19.8 39.3	366.9		3.555 3.359 3.160 10.074	3.358	19.6 19.9 39.5	371.4	
8	8.119 7.820 7.521 23.460	7.820	29.9 29.9 59.8	426.7	74°F	4.145 3.850 3.557 11.552	3.851	29.5 29.3 58.8	430.2	Summation of Run
										Trav. Sta. Sierra Madre E-4 to " " " " F-4B
										Total Backsight = + 66.425 " Foresight = − 17.062 Diff. in Elevation = + 49.363
				426.7					430.2	
		66.425					17.062			

F.B. 1200 PG. 132

F. J. STEVENSON
DEC 28 1945

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.W. Hamack Weather Rain Inst. No. 50010
Notes by J.J. Lonlagh Time 10:50 TO 11:25 AM Rod No L-3 & L-4

Name Geod. Control Photo
Job No. 4919
From M E 2 To 2 = 4B
Date 11-29-45
Indexed A.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
8	4.218 3.922 3.626 11.766	3.922	29.6 29.5 29.1 88.2	59.1	L-3 56°	8.184 7.889 7.594 23.667	7.889	29.5 29.4 29.4 88.3	58.9	Backward Ext.
7	3.473 3.277 3.081 9.831	3.277	19.6 19.7 19.3 58.6	39.4		10.542 10.345 10.149 31.036	10.345	19.7 19.6 19.3 58.6	39.3	
6	1.040 0.920 0.799 2.759	0.920	12.0 12.1 12.0 36.1	24.1		9.112 8.991 8.871 26.974	8.991	12.1 12.1 12.1 36.3	24.2	
5	1.021 0.872 0.723 2.616	0.872	14.7 14.6 14.5 43.8	29.3		9.041 8.895 8.751 26.687	8.896	14.5 14.5 14.5 43.5	29.0	
4	1.169 1.072 0.975 3.216	1.072	19.7 19.7 19.8 59.2	39.4		8.319 8.122 7.927 24.368	8.123	19.7 19.7 19.8 59.2	39.5	
		7.995					44.248			

F. J. STEVENSON
DEC 2 8 1945

F.B. 2442 PG. 1-3

Carried on 29.1

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 Gul Kleinert Weather Unsettled Inst. No. T&A C
Notes by N. Langan Time Rod No. L-3 & L-4

Name Geod. Sat.-Sierra Madre
Job No. 1919
From Sta. E 4 To Sta. F-4B
Date 11-8-45
Indexed C. E. 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	1.789	9.965	80.1	482.0	L-3	8.6[illegible]	5.23	44.8	380.6	Backward Run carried from Pg. 133
	1.340		35.7			2.2[illegible]		32.9		
	0.8[illegible]		44.3			[illegible]		80.7		
	[illegible]	1.345				[illegible]	2.13			
2	2.986		49.1			9.3[illegible]		49.9		
	2.385		50.9			7.5[illegible]		50.0		
	1.983		50.7			[illegible]		99.9		
	[illegible]	2.388		391.7		[illegible]	[illegible]		380.9	
1	4.225		23.7			5.7[illegible]		23.7		Summation of Run:
	3.988		23.7			5.4[illegible]		23.8		Trav. Stg. Sierra Madre F-4B"
	3.7[illegible]		23.7			[illegible]		23.9		To " " " " E 4
	[illegible]	3.9[illegible]		229.1	56°F	[illegible]	[illegible]		179.9	
F.B. 1202 PG. 134										Total Backsight = + 17.681
										" Foresight = - 67.044
				429.1					429.9	Diff. in Elev'n = - 49.363
	17.691					[illegible]				

F. J. STEVENSON
DEC 28 1945

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.W. Hamack Weather Fair Inst. No. Topo
Notes by G.W.K. Time 2:20 – 3:15 PM Rod No. L-3 + L-4

Name Good Cont. Elev. Made
Job No. 6919
From STE-4E To T.P. #1
Date 11-28-45
Indexed C. J. [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
1	4.244 3.870 3.500 11.611	3.870 ✓	37.1 37.0 74.1 74.1		L-3 74°F	8.310 7.940 7.569 23.819	7.940 ✓	37.0 37.1 74.1 74.1		Forward Run
2	1.866 1.521 1.175 4.564	1.521 ✓	34.5 34.8 69.3 143.4			10.500 10.152 9.808 30.460	10.153 ✓	34.8 34.4 69.2 143.3		
3	1.480 1.231 0.984 3.695	1.232 ✓	24.9 24.7 49.6 193.0			9.278 9.030 8.785 27.093	9.031 ✓	24.8 24.5 49.3 192.6		
4	1.720 1.371 1.022 4.113	1.371 ✓	34.9 34.9 69.8 262.8			7.852 7.509 7.161 22.522	7.507 ✓	34.3 34.8 69.1 261.7		
5	4.165 3.842 3.520 11.527	3.842 ✓	32.3 32.2 64.5 229.3			9.522 9.200 8.877 27.599	9.200 ✓	32.2 32.3 64.5 326.2		F. J. STEVENSON DEC 28 1945
		11.536 ✓					42.831 ✓			Cont'd on pg. 1 F.B. ✓

F.B. 1220 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.W. Kleineck Weather Fair Inst. No. 50010
Notes by GWK Time Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM. F 4B To SM. F 4A
Date 11-28-45
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
6	1.300 1.027 0.752 3.079	11.836 1026	27.3 27.5 54.8	327.3 382.1	L-3	9.162 8.890 8.620 26.672	8.891	27.2 27.0 54.2	326.2 380.4	Forward Run. Cont'd from pg. 135
7	1.517 1.248 0.978 3.743	1.248	26.9 27.0 53.9	436.0		9.203 8.930 8.660 26.793	8.931	27.3 27.0 54.3	434.7	
8	1.048 0.776 0.502 2.326	0.775	27.2 27.4 54.6	490.6		9.410 9.140 8.870 27.420	9.140	27.0 27.0 54.0	488.7	
9	1.512 1.242 0.971 3.725	1.242	27.0 27.1 54.1	544.7		9.385 9.110 8.838 27.333	9.111	27.5 27.2 54.7	543.4	
10	1.985 1.711 1.440 5.136	1.712	27.4 27.1 54.5	599.2		9.151 8.881 8.610 26.642	8.881	27.0 27.1 54.1	597.5	
		17.839					88.785			

F.B. 1200 PG. 136

F. J. STEVENSON
2 3 1945

Cont'd on pg. 137

1

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.W. Kleineck Weather ..... Inst. No. 50010
Notes by G.W.K. Time ..... Rod No. L-3 - L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. F-4B To S.M. F-4A
Date 11-28-45
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
11	2.158 1.831 1.509 5.498	17.839 1.833	32.7 32.2 64.9	599.2 664.1	L-3	7.625 7.305 6.987 21.917	88.785 7.306	32.0 31.8 63.8	597.5 661.3	Forward Run Cont'd from pg. 36.
12	4.790 4.440 4.085 13.315	4.438	35.0 35.5 70.5	734.6	72°F	5.980 5.630 5.280 16.890	5.630	35.0 35.0 70.0	731.3	Summation of Run Trav. Sta. "Sierra" to F-4B to " " " " F-4A Total Backsights = + 24.110 " Foresights = - 101.721 Diff. in Elevation = - 77.611
		24.110		734.6			101.721		731.3	

F. J. STEVENSON
28 1945

F.B. 1200 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 G.W. Kleinack Weather Cloudy-wet Inst. No. 50010
Notes by J.J. Lanigan Time 9:45 TO 10:40 A.M. Rod No. L-3 & L-4

Name Good. Cont.-Sierra Madre
Job No. 4919
From S.M. F-4B To S.M. F-4A
Date 11-29-45
Indexed [illegible] 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
12	5.853		34.8		L-3	4.670		35.4		Backward Run.
	5.505		35.0			4.316		35.4		
	5.155		69.8			3.922		70.8		
	16.513	5.504		69.8	56°F	[illegible]	4.[illegible]		70.8	
11	7.547		32.3			2.072		32.1		
	7.224		32.1			1.751		32.2		
	6.903		64.4			1.429		[illegible].3		
	21.674	7.225		134.2		5.252	1.751		135.1	
10	9.039		27.2			1.868		[illegible]		
	8.767		27.2			[illegible]		[illegible]		
	8.495		54.4			[illegible]		5[illegible]		
	26.301	8.767		188.6		[illegible]	[illegible]		1[illegible].5	
9	9.322		27.4			1.450		27.0		
	9.048		27.5			1.180		[illegible]		
	8.773		54.9			0.910		54.[illegible]		
	27.143	9.048		243.5		[illegible]	[illegible]180		2[illegible].5	
8	9.502		27.3			1.132		[illegible]		
	9.229		27.3			0.863		[illegible]		
	8.956		54.6			0.594		[illegible]		
	27.687	9.229		298.1		[illegible]	[illegible]		2[illegible].3	
		39.773					9.706			

F.B. 1200 PG. 138

F. J. STEVENSON
DEC 28 1945

Cont'd on 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.W. Kleineck Weather ..... Inst. No. 50010
Notes by J.J. Lanigan Time ..... Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. F-4B To S.M. F-4A
Date 11-29-45
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	9.215 8.9[illegible] 8.670 26.827	39.773 8.942	27.3 27.2 54.5	298.1 352.6	L-3	1.528 1.0[illegible] 0.9[illegible] 3.773	9.706 1.259	2[illegible] 27.0 53.9	297.3 351.2	Backward Run Contd from pg. 1[illegible]
6	9.235 8.9[illegible] 9.6[illegible] [illegible]	[illegible]	27.2 27.1 [illegible]	406.9		1.374 1.100 0.8[illegible] [illegible]	1.100	27.4 27.5 54.9	406.1	
5	[illegible] [illegible] [illegible] [illegible]	[illegible]	32.4 32.2 64.6	471.5		4.200 3.879 3.5[illegible] [illegible]	3.877	32.1 32.5 64.6	470.7	
4	7.870 7.522 7.175 [illegible]	7.52[illegible]	34.8 34.8 [illegible]	541.1		[illegible] [illegible] [illegible] [illegible]	[illegible]	34.[illegible] 4.[illegible] 69.3	540.0	
3	9.222 8.973 9.726 26.921	8.9[illegible] 83.407	24.9 24.7 49.6	590.7		1.421 1.174 0.9[illegible] 3.524	1.175 18.506	24.7 24.5 49.2	589.2	

F. J. STEVENSON
DEC 28 1945

F.B. 1[illegible] PG. [illegible]

Contd on pg. 1[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.W. Kleineck Weather ..... Inst. No. 50010
Notes by ..... Time ..... Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM F-4B To SM F-4A
Date 11-29-'44
Indexed A. C. Johns

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
2	10.526	83.407	34.6	590.7	L-3	1.891	1.506	34.5	589.2	Backward Run contd from pg. 139
	10.180		34.8			1.54[illegible]		34.6		
	9.832		69.4			1.2[illegible]		69.1		
	39.538	10.1[illegible]		660.1		6.63[illegible]	1.546		658.3	
1	8.408		37.2			9.340		37.1		
	8.036		37.3			3.96[illegible]		37.3		
	7.663		74.5			3.59[illegible]		74.4		
	24.107	8.03[illegible]		734.6	56°F	11.9[illegible]	3.96[illegible]		732.7	
										Summation of Run
										Trav. Sta. "Sierra Madre F-4A"
										to " " " " F-4B"
										Total Backsights = + 101.622
										" Foresights = - 24.020
										Diff. in Elevation = + 77.602
										F. J. STEVENSON DEC 28 1945
			101.622					24.020		

F.B. 1200 PG. 140

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.W. Kleineck Weather Unsettled Inst. No. 50010
Notes by G.W.K. Time 1:15 - 2:30 PM Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. F-4A To S.M. F-4
Date 11-29-45
Indexed A. C. Jones

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	2.307 2.108 1.909 6.324	2.108	19.9 19.9 39.8	39.8	L-3 60°F	9.622 9.429 9.232 28.283	9.428	19.3 19.7 39.0	39.0	Forward Run
2	1.335 1.140 0.947 3.422	1.141	19.5 19.3 38.8	77.6		9.149 8.951 8.757 26.857	8.952	19.8 19.4 39.2	78.2	
3	1.245 1.050 0.855 3.150	1.050	19.5 19.5 39.0	117.6		9.224 9.027 8.829 27.080	9.027	19.7 19.8 39.5	117.7	
4	1.072 0.879 0.681 2.632	0.877	19.3 19.8 39.1	156.7		9.266 9.069 8.870 27.205	9.068	19.7 19.9 39.6	157.3	
5	1.480 1.260 1.040 3.780	1.260 6.436	22.0 22.0 44.0	200.7		9.569 9.345 9.121 28.035	9.345 45.820	22.4 22.4 44.8	202.1	

F. J. STEVENSON
DEC 28 1945

F.B. 1200 PG. 141

Contd on pg 14

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.W. Kleineck Weather ..... Inst. No. 50010
Notes by G.W.K. Time ..... Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. F-4A To S.M. F-4
Date 11-29-'45
Indexed [illegible] John

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	1.449 1.202 0.959 3610	6.436 1.203	24.7 24.3 49.0	200.7 249.7	L-3	9.470 9.220 8.971 27.661	45.820 [illegible]	25.0 24.9 49.9	202.1 252.0	Forward Run Cont'd from pg. 141
7	1.390 1.149 0.900 3.437	1.146	24.3 24.7 49.0	298.7		9.578 9.330 9.081 27.989	[illegible]	24.8 24.9 49.7	301.7	
8	1.132 0.887 0.640 2.659	0.886	24.5 24.7 49.2	347.9		9.541 9.292 9.046 27.879	9.293	24.9 24.6 49.5	351.2	
9	1.481 1.240 0.996 3.717	1.239	24.1 24.4 48.5	396.4		9.300 9.049 8.798 27.147	[illegible]	25.1 25.1 50.2	401.4	
10	1.330 1.031 0.733 3.094	1.031	29.9 29.8 59.7	456.1		8.558 8.262 7.965 24.785	8.263	29.6 29.6 59.2	460.4	
		11.941					92.955			

F.B. 1200 PG. 142

F. J. STEVENSON
DEC 2 [illegible] 1945

Cont'd on 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 F. W. Hamack Weather Uncertain Inst. No. 5012
Notes by F.W.H. Time Rod No. L-3 + L-2

Name Geod. Cont. - Sierra Madre
Job No. 4913
From C.P. F-A To C.P. F-4
Date 11-29-45
Indexed C. Sorensen

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	1339 1047 0756 3142	1043	292 292 591	1456.1 591.2	L-3	9.990 7.697 5.792 23.479	7.831	2192 2192 4384	4604 2192	Foresight C.P. Backsight from C.P.
12	2.283 0.038 2.711 5.032	1.257	2.245 2.248 4.493	5525		8.000 5.754 3.463 17.217	5.739	2.246 2.292 4.538	6.784 2.246	Summation at C.P. from C.P.
13	4.498 2.252 0.501 7.251	2.625	2.246 2.253 4.499	5.745		6.503 4.257 2.058 12.818	4.272	2.246 2.253 4.499	6.745	to C.P. F-4 Total Backsights = 16.755 " Foresights = 19.563 Diff. in Elev. = -2.808
14	1.905 1.659 1.390 4.954	1.659	1.246 1.248 2.494	6.239		8.001 6.415 4.824 19.240	6.413	1.586 1.591 3.177	9.922	F.B. 1244 PG. 42
15	2.282 2.307 2.139 6.918	2.306	17.5 17.9 35.4	41.19	56° F	6.495 8.319 8.140 24.954	8.316	17.6 17.9 35.5	69.34	F. J. STEVENSON DEC 2 1945
		19.755					25.903			End.

FORM 379 5M 7-40

PLEASE RETURN TO
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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 T.W. Hlavacek Weather Fair Inst. No. Lavid
Notes by J. Lanigan Time 8:10 To 9:34 Rod No. L-3 & L-4

Name Geod. Surv. - Sierra Madre
Job No. 4919
From J.M. F-4A To J.M. F-4
Date 11-30-'45
Indexed A. C. Jones

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
15	8.570 8.392 8.213 25.175	8.392	17.8 17.9 35.7	35.7	L-3 54°F	.535 .380 .204 1.139	.380	15.5 15.4 30.9	30.9	Backward Run
14	8.820 8.623 8.427 25.869	8.623	19.8 19.5 39.3	75.0		1.981 1.786 1.591 5.358	1.786	19.5 19.5 39.0	69.9	
13	9.770 9.520 9.270 28.560	9.521	25.0 25.0 50.0	125.0		2.785 2.539 2.292 7.616	2.539	24.6 24.7 49.3	119.2	
12	9.541 9.343 9.146 28.030	9.343	19.8 19.7 39.5	164.5		2.583 2.387 2.191 7.161	2.387	19.6 19.6 39.2	158.4	
11	9.870 9.571 9.271 28.712	9.571	29.9 30.0 59.9	224.4		1.439 1.143 .847 3.429	1.143	29.6 29.6 59.2	217.6	E. J. STEVENSON [illegible] 1945
F.B. 1202 PG. 144	25.700					7.583				Contd on pg. 145

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.W. Klencek Weather ..... Inst. No. 5010
Notes by J.J. Stevenson Time ..... Rod No. L-3 & L-4

Name Geod. Lev. F-5A to Zuma
Job No. 4919
From F.F-4A To F-5A F-4
Date [illegible]
Indexed ..... Jones

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	8.904 8.507 8.209	8.507	29.5 29.8 59.3	234.1 293.6	L-3	7583	1.277	29.8 59.2	282.1 291.3	Back Nora Rec Cont'd from pg. 24
9	9.262 9.011 8.760	9.515	24.8 24.5 49.3	342.9		1.652 1.207 1.958	1.606	24.5 24.7 49.2	340.5	
8	9.155 8.907 8.659	8.907	24.8 24.8 49.6	392.3		1.248 1.000 0.753	1.000	24.8 24.7 49.5	390.0	
7	9.653 9.404 9.156	9.404	24.9 24.8 49.7	442.6		1.372 1.123 0.874	1.123	24.9 24.9 49.8	439.8	
6	9.505 9.257 9.008	9.257	24.8 24.9 49.7	491.6		1.492 1.243 0.992	1.243	24.5 24.6 49.1	488.1	J.J. STEVENSON 1941
		91.196					13.431			Carried on 9.114

F.B. Lev. 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.W. Kleineck Weather ..... Inst. No. 50010
Notes by J.J. Lanigan Time ..... Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM. F-4A To SM. F-4
Date 11-30-45
Indexed A. C. John

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	9.580	91.196	22.1	491.6	L-3	1.493	13.431	22.1	488.1	Backward Run. Cont'd from pg. 145.
	9.359		22.1			1.272		22.2		
	9.138		44.2			1.050		44.3		
	28.077	9.359		535.8		3.815	1.272		532.4	
4	9.455		19.7			1.262		19.6		
	9.258		19.8			1.066		19.7		
	9.060		39.5			0.869		39.3		
	27.773	9.258		575.3		3.197	1.066		571.7	
3	9.099		19.6			1.123		19.5		
	8.903		19.4			0.928		19.7		
	8.709		39.0			0.731		39.2		Summation of Run.
	26.711	8.904		614.3		2.782	0.927		610.9	Trav. Sta. "Sierra Madre F-4"
2	9.189		19.7			1.373		19.4		To " " " " F-4A"
	8.992		19.6			1.179		19.6		
	8.796		39.3			0.983		39.0		Total Backsights = + 137.277
	26.977	8.992		653.6		3.535	1.178		649.9	" Foresights = − 20.122
1	9.764		19.5			2.447		19.9		Diff. in Elevtn = + 117.155
	9.569		19.7			2.248		19.9		
	9.372		39.2			2.049		39.8		
	28.705	9.568		692.8	56°F	6.744	2.248		689.7	
		137.277					20.122			

F.B. 1200 PG. 146

F. J. STEVENSON
DEC 2 1945

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.W. Stewart Weather Unsettled Inst. No. 50010
Notes by G.W.S. Time 2:45 - 3:40 P.M. Rod No. L-3 + L-4

Name Geodetic Control Traverse
Job No. 2-19
From 57 E-2 To 57 E-4A
Date 12-29-45
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	1.829 1.531 1.236 4596	1.532	298 295 593	593	L-3	9321 1.026 8.027 27092	9024	227 297 594	594	Forward Run
2	1.119 0.821 0.522 2462	0821	241 299 597	1190		9.051 1.255 8960 27766	9255	296 301 597	1185	
3	1.245 0.150 0.651 2.840	0940	295 299 594	1784		9.230 9.631 8.834 27.695	9632	299 292 591.6	1781	
4	1.042 0.747 0.447 2238	0746	295 298 593	2377		9.735 9.439 9140 28314	9438	296 299 595	2376	
5	1349 1.098 0.502 2.949	1096	271 276 547	2924		9.512 9.247 8.970 27729	9241	270 277 547	2918	F. J. STEVENSON DEC 29 1945
		5.124					46.590			cont'd on p. 1/4

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.W. Klemmick Weather ____ Inst. No. 50010
Notes by G.W.K. Time ____ Rod No. 4-3 & 4-4

Name Geod. Rec. - Town Matrix
Job No. A919
From Sta. E 4 To Sta. E 49
Date 4-29-45
Indexed A. C. Jones

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	1.261 0.971 0721 2973	.5124 .2991	27.0 27.0 54.0 3246	2924	L-3	9.539 9.206 5.301 22795	9.065	33.4 21.4 54.8 3246	291.5	Forward Run: Geod. Rec. pg. 149
7	1.292 1.022 0.489 3806	1021	27.0 27.2 54.3 4007			4.515 9.403 5.077 29730	9263	27.2 27.1 54.3 4024		
8	1.250 0.978 0.702 2931	0977	27.2 27.5 54.7 4554			9.410 9.139 8566 27115	9138	27.1 27.3 54.4 4553		
9	1.458 1.183 0.910 3551	1184	27.5 27.3 54.8 5107			9.516 9.205 9037 27913	9304	27.1 27.2 54.3 5097		
10	1.355 1.085 0.813 3253	1084	27.0 27.2 54.2 5044			9.553 9.251 9009 27543	9181	27.2 27.2 54.4 5641		
		10381					9.3271			Cont'd on pg. 149

F.B. 1202 PG. 1428

RECEIVED
MAY 9 1945

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. W. Kleireck Weather [illegible] Inst. No. [illegible]
Notes by [illegible] Time ..... Rod No. [illegible]

Name [illegible]
Job No. [illegible]
From SM E-4 To [illegible] E-4A
Date 11-29-[illegible]
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
11	1.232 0.962 0.691 2.885	10.381 0.962	27.0 27.1 54.1	564.4 618.5	1-3	9.362 9.080 8.819 27.271	92.821 9.090	27.2 27.1 54.3	564.1 618.4	Forward [illegible] [illegible] from [illegible]
12	1.280 1.009 0.738 3.027	1.009	27.1 27.1 54.2	672.7		9.499 9.227 8.953 27.679	9.226	27.2 27.4 54.6	673.0	Summation of [illegible] Trav. Sta. [illegible] to " " " E-4
13	1.446 1.251 1.060 3.757	1.252	19.5 19.5 38.6	711.3	56°F	8.291 8.097 7.900 24.288	8.096	19.4 19.7 39.1	712.1	Total Backsight = 13.604 " Foresight = 119.233 Diff. in Elevation = [illegible]
				711.3					712.1	
		13.604					119.233			

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

[illegible] DEC 29 1945

FORM 379 SM 7-46

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 Geo. Thomas Weather Partly cl. Inst. No. 5 and 10
Notes by J. J. Lonzon Time 11:15 A.M. Rod No. L-2 & L-4

Name Geod. Ext. Sierra Mts
Job No. L 214
From 12 E-4 To 11 E-4
Date 11-30-46
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
12	8.190 7.993 7.798	7.994	19.7 19.5 39.2	39.2	L-3 62°	1.247 1.050 0.853	1.150	19.7 19.5 39.2	39.2	Elevation Bm.
12	9.554 9.262 8.970	9.262	27.2 27.2 54.4	93.6		1.335 1.043 0.751	1.043	27.2 27.2 54.4	93.6	
11	9.229 9.179 8.933	9.113	27.0 27.0 54.0	147.6		1.293 1.056 0.778	1.050	27.3 27.2 54.5	147.9	
F.B. 1202 PG. 150 10	9.699 9.427 9.156	9.427	27.2 27.3 54.5	202.1		1.501 1.229 0.957	1.229	27.2 27.2 54.4	202.2	
9	9.655 9.380 9.104	9.380	27.2 27.1 54.3	256.4		1.534 1.262 0.989	1.262	27.2 27.3 54.5	256.7	[illegible] [illegible] 1845
		95.242					1.154			Contd on 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 G.W. Hemnock Weather Cloudy Inst. No. 50010
Notes by J. Lanigan Time Rod No. L-3 & L-4

Name Grad. Int. - 2nd Trip
Job No. 4919
From SM E.A. To Th E.A.D.
Date 11-30-45
Indexed A.C. Jones

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	9.512 9.239 9.087	45.262	27.3 27.9 54.1	256.4	L-3	1.368 1.097 0.923	5.754	27.1 27.9 54.5	256.4	Backward Run Cont. from pg. 5
	27.838	9.279		310.8		3.388	1.129		311.2	
7	9.669 9.399 9.070	9.379	27.1 27.2 54.3	365.1		1.345 1.177 0.903	1.176	27.2 27.4 54.6	365.8	
6	9.621 9.359 9.072	9.349	26.2 27.3 53.5	419.2		1.346 1.173 0.701	1.073	27.3 27.2 54.5	420.3	
5	9.693 9.418 9.141	9.412	27.1 27.1 54.2	473.8		1.521 1.349 1.173	1.348	27.2 27.3 54.5	474.8	
4	9.988 9.690 9.390	1.689	29.8 30.6 59.8	533.6		1.821 1.995 1.779	1.865	29.6 29.6 59.2	534.0	
		92.370					11.343			Cont'd on pg. 7

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

[illegible]NSON
1945

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.W. Hancock Weather ..... Inst. No. 50010
Notes by J.J. Lanigan Time ..... Rod No. L-3-L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. E-4 To S.M. E-4A
Date 11-30-45
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
3	10.012	92.370	29.5	533.4	L-3	1.331	11.343	29.8	534.0	Backward Run Cont'd from pg. 151
	9.717		29.8			1.033		29.6		
	9.41[illegible]		59.3			0.737		59.4		
	29.148	9.716		592.9		3.101	[illegible]		593.4	
2	9.673		29.5			1.238		29.8		
	9.378		29.8			0.940		29.8		
	9.080		59.3			[illegible]		59.6		
	28.131	9.377		[illegible]		2.820	0.940		653.0	
1	9.428		29.8			1.938		29.8		
	9.130		29.9			1.040		29.8		
	8.831		59.7			1.342		59.[illegible]		Summation of Run.
	27.389	9.130		711.9	64°F	4.920	[illegible]		712.6	Trav. Sta. "Sierra Madre E-4A"
										to " " " " E-4"
										Total backsights = + 120.593
										" Foresights = - 14.957
										Diff. in Elevation + 105.636
				711.9						
		120.593					14.957			

F.B. 1200 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. W. Kleineck Weather Partly Cloudy Inst. No. 50010
Notes by G.W.K. Time 1:20 to 2:25 PM Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM. E-4A To SM. E-5A
Date 11-30-45
Indexed A. C. J[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
1	2.608 2.208 1.806 6.622	2.207	40.0 40.2 80.2	80.2	L-3	10.903 10.508 10.110 31.521	10.507	39.5 39.8 79.3	79.3	Forward Run
2	1.199 0.925 0.650 2.774	0.925	27.4 27.5 54.9	135.1		9.039 8.770 8.500 26.309	8.770	26.9 27.0 53.9	133.2	
3	1.468 1.146 0.822 3.436	1.145	32.2 32.4 64.6	199.7		9.142 8.821 8.499 26.462	8.821	32.1 32.2 64.3	197.5	
4	1.110 0.788 0.462 2.360	0.787	32.2 32.6 64.8	264.5		9.630 9.310 8.991 27.931	9.310	32.0 31.9 63.9	261.4	
5	0.951 0.630 0.307 1.888	0.629 5.693	32.1 32.3 64.4	328.9		9.969 9.645 9.321 28.935	9.645 47.053	32.4 32.4 64.8	326.2	

F. J. STEVENSON
DEC 29 1945

F.B. [illegible] PG. 15

Contd on 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 Gust Kleinsasser Weather Partly Cloudy Inst. No. 50010
Notes by F.W.K. Time Rod No. L-3-L-4

Name Grad. Cont. - Sierra Madre
Job No. 4919
From 170 E-49 To 170 E-50
Date 11-30-45
Indexed E. C. Jenkins

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	1.265	5.693	29.8		L-3	9.459	9.165	29.5	3267	Forward Run carried from pg. 153
	0.947		29.8			1.101		29.6		
	0.644		59.6			8.865		59.1		
	2.841	0.947		3885		2.485	1.101		3856	
7	1.370		29.9			8.127		29.1		
	1.071		29.8			7.830		29.5		
	2.773		59.7			2.142		59.2		
	3.214	1.071		4492		3.492	2.831		4448	
8	1.641		35.0			9.540		34.1		
	1.291		34.9			1.749		34.7		
	0.947		69.9			9.207		68.8		
	3.879	1.291		5181		2.641	9.540		5136	
9	1.245		34.7			9.995		34.5		
	0.898		35.0			9.650		34.5		
	0.548		69.7			9.306		69.1		
	2.691	0.897		5879		2.951	9.650		5825	
10	1.211		35.0			9.170		34.0		
	0.861		35.1			8.830		34.1		
	0.510		70.1			8.489		68.1		
	2.592	0.861		6579		6.489	9.170		6506	
		10.760				9.073				Carried on pg. 155.

F.B. 1220 PG. 154

DEC 29 1945
F. J. STEVENSON

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 Emil Kleinsack Weather Inst. No. 50010
Notes by G.W.T. Time Rod No. L-2 & L-4

Name Good Coat - Sierra Vista
Job No. 49.19
From S.M. E-49 To S.M. E-5A
Date 11-30-1945
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.686	10.760	34.0	057.9	L-3	9.580	92.093	34.5	650.6	
11	1.339		34.3			7.195		34.6		Forward Rain Carried from p. 154
	0.990		69.6			8.831		69.1		
	4.015	1328		7275		25.604	9.185		7197	
	1.280		33.0			9.327		34.7		
12	0.937		34.9			8.980		34.5		
	2.794		68.9			8.625		68.7		Summation of K
	2.798	0933		993.3		26.932	8.979		9814	Total Sum
	2.510		24.6			8.349		24.7		To
13	2.264		24.2			8.102		24.3		
	2.012		48.8			7.852		49.0		Total Backsights + 180
	6.786	2262		8469		24.310	8.103		8374	Foresights -1249
	2.982		18.7			6.746		18.5		Diff. in Elev. -1066
14	2.795		18.8			6.561		18.4		
	2.607		37.5			6.327		36.9		
	8.384	2.795		8744	64°F	19.684	6.561		8743	
				8744					8743	
		18.098					17.4901			

F. J. STEVENSON
DEC 29 1945

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 F. W. Klinesek Weather [illegible] Inst. No. D 2
Notes by J. J. Lovaas Time [illegible] Rod No. L-3 - L-4

Name Gen'l. Ext.-Sierra Madre
Job No. A9.19
From SM E-AA To SM E-19
Date 12-4-45
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
14	6.662 6.675 6.488 20.025	6.675	18.7 18.7 37.4	37.4	L-3 64°F	3.576 3.392 3.168 10.136	3.392	18.4 18.7 37.1	37.2	Packard Bus.
13	8.476 8.280 7.992 24.748	8.249	19.6 19.5 39.1	39.0		2.635 2.387 2.102 7.124	2.375	24.8 24.8 49.6	49.8	
12	9.556 9.217 8.861 27.634	9.211	33.9 34.8 68.7	156.3		1.519 1.332 1.102 3.953	1.318	34.5 33.2 67.7	156.1	
11	9.589 9.248 8.891 27.728	9.243	34.1 35.7 69.8	226.1		1.739 1.551 1.344 4.634	1.545	34.7 33.1 67.8	224.0	
10	9.458 9.116 8.764 27.338	9.111	34.8 34.6 69.4	295.5		1.193 1.000 0.792 2.985	0.995	34.8 33.2 68.0	292.3	F. J. STEVENSON DEC 29 1945.
	42.464					18.392				Carried on pg. 127.

F.B. 1202 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. W. Steinbeck Weather ..... Inst. No. 5010
Notes by J. J. Lanigan Time ..... Rod No. 42 - 54

Name Topographic Map
Job No. 4919
From T.M. E. 42 To 54 E-51
Date 12-4-45
Indexed 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
9	10.165 9.818 9.471	42.2	34.7 34.8 34.5	295.5	L-3	1.409 1.121 0.771	0.992	28.8 29.4 29.1	295.3	Backward Run Cont'd from pg. 2
	29.454	9.818		365.3		3.301	1.101		87.8	
8	10.175 9.750 9.325		34.7 34.2 33.8			1.942 1.499 1.055		34.7 34.3 33.9		
	29.250	9.750		342.3		4.496	1.499		134.4	
7	9.912 9.488 9.064		29.5 29.2 28.8			1.513 1.219 0.925		29.5 29.8 30.3		
	28.964	9.655		493.5		3.657	1.219		113.7	
6	9.556 9.231 8.906		29.7 29.5 29.2			1.458 1.152 0.846		30.6 30.6 30.6		
	27.693	9.231		523.1		3.456	1.152		459.2	
5	9.922 9.599 9.273		32.3 32.6 32.9			0.996 0.583 0.269		32.3 32.8 32.6		F. J. STEVENSON DEC 20 1945
	28.794	9.598		547.3		1.747	0.583		97.8	
		38.975				14.513				Cont'd on pg. 1 of 5

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

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.W. Kleineck Weather ..... Inst. No. 50012
Notes by J.J. Lanigan Time ..... Rod No. [illegible]

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM E-4A To SM E-5A
Date [illegible]
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	9.812 9.492 9.171 28.475	88.975 [illegible]	32.0 32.1 64.1	618.0 [illegible]	L-3	[illegible] [illegible] 0.[illegible] [illegible]	[illegible] [illegible]	32.2 32.4 64.[illegible]	[illegible]7.8 [illegible]	Backward Run. Contd from pg. 157
3	9.336 [illegible] [illegible] [illegible]	[illegible]	[illegible]	[illegible]		[illegible] [illegible] [illegible] [illegible]	[illegible]	32.3 32.4 [illegible]	747.1	
2	[illegible] [illegible] [illegible] 27.058	[illegible]	27.1 27.0 54.1	[illegible]		1.448 [illegible] [illegible] 3.52[illegible]	[illegible] [illegible] [illegible]	27.4 27.[illegible] [illegible]	[illegible]	Summation of Run. Trav. Sta. "Sierra Madre E-5A"
1	11.009 [illegible] [illegible] [illegible]	[illegible]	39.8 40.0 79.8	[illegible]	66[illegible]	2.7[illegible] [illegible] 1.91[illegible] 6.[illegible]	[illegible]	39.[illegible] 40.0 [illegible]	[illegible]	to " " " " E-4A" Total Backsights = + 127.108 ✓ " Foresights = − 20.291 ✓ Diff. in Elevtn = + 106.817 ✓
		127.108 ✓					20.291 ✓			

F.B. 1200 PG. 158

F [illegible] 1945

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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 W. W. Klemmeck Weather Fair Inst. No. 50110
Notes by S.M.K. Time 2:30 - 3:30 P.M. Rod No. 4-27-46

Name Gen. Int. - Tem. Work
Job No. A-919
From S.M. E-58 To " E-6
Date 11-30-45
Indexed A. C. Jones

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
										Forward Run
1	2.270		25.0		6.3	9.480		34.5		
	1.920		35.0			9.135		34.5		
	1.561		70.0			8.790		34.0		
	5.751	1.917		70.0	6.3	27.405	9.135		69.0	
2	1.005		34.7			9.779		34.8		
	0.658		35.0			9.431		34.2		
	0.308		69.7			9.089		69.0		
	1.971	0.657		139.9		28.299	9.433		138.0	
3	1.400		32.6			9.331		32.0		
	1.074		32.4			9.011		32.0		
	0.750		65.0			8.991		32.0		
	3.224	1.075		204.9		27.333	9.111		202.0	
4	2.509		34.9			9.447		34.5		
	2.166		35.0			9.152		34.7		
	1.810		69.9			8.805		68.7		
	6.479	2.160		344.8		27.453	9.151		270.7	
5	1.097		34.2			9.783		34.4		
	0.758		34.9			9.439		34.9		
	0.399		69.8			9.090		69.3		
	2.244	0.748		344.6		28.312	9.437		340.0	
		6.559				46.167				

F. J. STEVENSON
JAN 3 1946

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

Cont'd on pg. 2.

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.W. Hemmeck Weather ..... Inst. No. 5010
Notes by G.W.C. Time ..... Rod No. L-3 & L-4

Name Road Int. Sta. Tract Maps
Job No. 4213
From 171 E-50 To 170 E-6
Date 11-30-45
Indexed S. 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	1.211 0.889 0.566 2.66 ✓	0.859	32.2 32.1 64.3 ✓	3426 4045	L-3	9.230 9.116 8.796 27.348	9.116	38.0 37.0 64.2 ✓	3400 4040	Forward Run. Cont'd from pg. 159
7	1.885 1.510 1.132 4.527	1.509	37.5 37.8 75.3 ✓	4428		8.413 8.047 2.678 24.138	8.046	36.6 36.9 73.5 ✓	4725	
8	1.212 0.839 0.466 2.517	0.837	37.3 37.4 75.7 ✓	5600		9.811 9.440 9.070 28.331	9.443	37.1 36.6 73.7 ✓	5507	
F.B. 1200 PG. 162 9	1.598 1.250 0.902 3.750	1.250	34.8 34.8 69.6 ✓	6296		9.460 ✓ 9.118 8.770 27.350	9.117	34.1 34.8 69.2 ✓	6199	
10	1.625 1.200 0.777 3.597	1.199	42.5 42.9 85.2 ✓	7149		9.121 8.701 8.280 26.102	8.701	42.0 42.1 84.1 ✓	7040	F. J. STEVENSON JAN 3 1946
		2.241 ✓					20.598 ✓			Cont'd on pg. 161

1

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. W. Klamack Weather Partly Cloudy Inst. No. 50010
Notes by GWK Time Rod No. L-3 & L-4

Name Geod. Cont. - [illegible] Madr.
Job No. 49[illegible]
From S.M. E-5A To [illegible] E-6
Date 11-30-[illegible]
Indexed A. C. Johns[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
11	1.582 1.082 0.582 3.246	12.241 1.082	50.0 50.0 100.0	714.9 814.9	L-3	9.339 8.840 8.342 26.521	90.592 8.840	49.9 49.8 99.7	704.0 803.7	Forward Sum Cont'd from pg. [illegible]
12	2.572 2.208 1.841 6.621	2.207	36.4 36.7 73.1	888.0	60°F	9.010 8.650 8.290 25.950	8.650	36.0 [illegible] 72.0	875.7	Summation of [illegible] Trav. Sta. [illegible] E5 [illegible] to [illegible]
										Total Backsights = [illegible] 15.530 " Foresights = [illegible] 108.082 Diff. in Elev'ts = [illegible]
				888.0					875.7	
		15.530					108082			

F. J. STEVENSON
JAN 3 1946

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

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.W. Kleineck Weather ..... Inst. No. 50010
Notes by J. Lanigan Time ..... Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. E-5A To S.M. E-6
Date 12-3-'45
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	9.990	90.203	39.8	743.5	L-3	1.211	13.638	[illegible]	74[illegible].4	Backward Run Cont'd from pg. 163
	9.6[illegible]		39.8			[illegible]		[illegible]		
	9.2[illegible]4		[illegible]			[illegible].517		[illegible]		
	28.926	9.6[illegible]2		813.4		[illegible]	[illegible]		810.5	
1	9.6[illegible]2		34.6			[illegible]		34.8		
	9.3[illegible]		34.7			[illegible]		34.9		
	8.98[illegible]		69.3			1.[illegible]		[illegible]		
	28.0[illegible]	9.336		[illegible]	[illegible]	[illegible]	[illegible]		880.5	
										Summation of Run.
										Trav. Sta. "Sierra Madre E-6" to " " " " " E-5A"
										Total Backsights = + 109.181
										" Foresights = - 16.622
										[illegible]

200 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.W. Klemeck Weather Partly Cloudy Inst. No. 50010
Notes by G.W.K. Time 9:40 - 11:10 A.M. Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM F-4 To #1 #53.5
Date 12-4-'45
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	2.291 1.992 1.693 5.976	1.992	29.9 29.9 59.8	59.8	L-3 68°F	11.141 10.848 10.551 32.540	10.847	29.3 29.7 59.0	59.0	Forward Run
2	0.877 0.656 0.435 1.968	0.656	22.1 22.1 44.2	104.0		9.589 9.368 9.148 28.105	9.368	22.1 22.0 44.1	103.1	
3	1.303 1.108 0.911 3.322	1.107	19.5 19.7 39.2	143.2		9.183 8.987 8.790 26.960	8.987	19.6 19.7 39.3	142.4	
4	1.265 1.041 0.820 3.126	1.042	22.4 22.1 44.5	187.7		7.970 7.750 7.530 23.250	7.750	22.0 22.0 44.0	186.4	
5	1.750 1.505 1.260 4.515	1.505 6.302	24.5 24.5 49.0	236.7		9.015 8.767 8.519 26.301	8.767 45.719	24.8 24.8 49.6	236.0	1-2-46

Cont'd on pg. 16

F.B. 1200 PG. 155

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.W. Kleineck Weather ..... Inst. No. 50010
Notes by G.W.K. Time ..... Rod No. 2-3 + 2-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. F-4 To BM #53-S
Date 12-4-45
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	1.810 1.564 1.320 4.694	6.302 1.565	24.6 24.4 49.0	236.7 285.7	2-3	8.968 8.720 8.471 26.159	45.719 8.720	24.8 24.9 49.7	236.0 285.7	Forward Run Cont'd from pg. 165
7	1.472 1.201 0.930 3.603	1.201	27.1 27.1 54.2	339.9		8.800 8.525 8.250 25.575	8.525	27.5 27.5 55.0	340.7	
8	1.662 1.391 1.120 4.173	1.391	27.1 27.1 54.2	394.1		9.171 8.900 8.630 26.701	8.900	27.1 27.0 54.1	394.8	
9	1.781 1.510 1.241 4.532	1.511	27.1 26.9 54.0	448.1		6.231 5.955 5.680 17.866	5.955	27.6 27.5 55.1	449.9	
10	8.560 8.061 7.561 24.182	8.061	49.9 50.0 99.9	548.0		2.268 1.770 1.270 5.308	1.769	49.8 50.0 99.8	549.7	1-2-36
		20.031					79.588			

F.B. 1200 PG. 166

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 S.W. Town | Weather | Inst. No. 50316
Notes by S.W.K. | Time | Rod No. L-3 & L-4

Name Geod. Coast - Sec. Mark
Job No. 4119
From SM. F-4 To BC #53.5
Date 12-4-46
Indexed A. C. Jones

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	8.907	20.031	49.8	548.0	L-3	1.822	79.588	49.7	549.7	Forward Line Contd from 12.
	8.409		49.9			1.325		49.7		
	9.910		99.7			0.628		99.4		
	25.276	8.409		647.7		3.975	1.325		649.1	
12	9.508		49.8			1.667		49.8		
	9.010		49.9			1.169		49.9		
	8.511		99.7			0.670		99.7		
	27.029	9.010		747.4		3.506	1.169		748.8	
13	8.920		50.2			2.222		49.4		
	8.420		50.0			1.728		49.9		
	7.920		100.2			1.229		99.3		
	25.260	8.420		847.4		5.179	1.726		848.1	
14	9.180		49.9			1.909		50.0		
	8.681		49.9			1.409		49.9		
	8.182		99.8			0.910		99.9		
	26.043	8.681		947.2		4.228	1.409		948.0	
15	8.229		37.2			2.524		37.1		1-2-46
	7.855		37.3			2.450		37.3		
	7.487		74.6			2.077		74.7		
	23.565	7.855		1021.8		7.351	2.450		1022.7	
		62.406					87.667			Contd on pg. 16

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.W. Kleineck Weather ..... Inst. No. 50010
Notes by ..... Time ..... Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. F-4 To B.M. #53.5
Date 12-4-'45
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	7.792 7.520 7.246 22.558	62.406 7.519	272 274 546	1021.8 1076.4	L-3 72°F	1.920 1.650 1.381 4.951	87.667 1.650	270 269 539	1022.7 1076.6	Forward Run. Cont'd from pg. 167
										Summation of Run Trav. Sta. "Sierra Madre F-4" to B.M. #53.5
										Total Back sights = + 69.925 " Fore sights = − 89.317 Diff. in Elevation = − 19.392
				1076.4					1076.6	1-2-46
		69.925					89.317			

F.B. 1200 PG. 168

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 F.W. Thrasher Weather Partly Cloudy Inst. No. Lauda
Notes by J. Corrigan Time 11:15AM-12:30PM Rod No. L-3 + L-4

Name Geo. Control Survey
Job No. 9
From F-4 To #5-5
Date 12-4-45
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
16	1.563 1.518 1.320 4.763	1.587	74.3 74.2 74.5		L-3 72°F	1.730 7.455 7.180 22.365	7.455	27.5 27.5 55.0	55.0	Backward R.P.
15	2.772 2.[illegible] 2.[illegible]		74.6	129		9.179 9.[illegible] 2.[illegible]		74.9	129.9	
14	5.295 1.64[illegible] 1.6		49.8 49.6 99.4	229		9.310 9.[illegible] 2.3[illegible]		49.9 49.9 99.8	229.8	
13	2.377 3.[illegible] 5.6[illegible]	1.377	49.9 50.0 99.9	327.7		9.[illegible] 5.5[illegible] 5[illegible]	9.067	49.9 50.1 100.0	329.9	
12	1.725 1.55[illegible] 3.3[illegible]	1.655	49.[illegible] 50.[illegible] 99.[illegible]	429.3		9.563 9.[illegible] 8.5[illegible] 27.2[illegible]		49.5 49.9 99.4	429.3	1-2-46
		8.633					41.707			Contd on Pg. 170

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 Fw Hanscom C. Weather ..... Inst. No. 50.10
Notes by ..... Time ..... Rod No. L-3 & L-4

Name Sup. Dist. - Sierra Madre
Job No. 4919
From SM F 4 To BM 29.5
Date 2-1-46
Indexed ..... Con. Sec.

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	1.946 1.470 0.974	8.683	49.6 50.0 49.6	527.2	L-3	9.167 6.542 5.542	6.707	62.5 [illegible]	529.2	Backward Run contd from pg. 169
10	2.324 1.529 1.330	8.[illegible]	99.5 99.9 99.7	626.5		8.619 [illegible]	[illegible]	[illegible]	629.0	
9	6.267 5.991 5.716	5.991	27.6 27.5 55.1	681.7		1.515 [illegible] .274	.576	24.2 27.5 51.7	532.7	
8	9.265 8.998 8.720	8.992	27.3 27.2 54.5	736.2		1.756 1.493 1.211	1.483	26.3 27.2 53.5	737.9	
7	8.878 8.609 8.338	8.608	27.9 27.4 55.3	791.0		1.551 1.281 1.012	1.281	27.0 27.1 54.1	792.0	1-2-46
		35.518					6.089			Contd on pg. 171

F.B. 1242 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.W. Kleineck Weather Partly Cloudy Inst. No. 50010
Notes by J. Lanigan Time Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. F-4 To B.M. #[illegible]
Date 12-[illegible]
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	9.[illegible]0 8.773 8.528 26.3[illegible]	35.5[illegible] 8.774	24.7 24.5 [illegible]	791.0 840.2	L-3	1.863 [illegible] 1.372 [illegible]	62.688 1.[illegible]18	24.5 [illegible] [illegible]	792.0 841.1	Backward Run Cont'd from pg. 1[illegible]0
5	9.048 [illegible] [illegible] [illegible]	8.799	[illegible] [illegible] [illegible]	890.0		[illegible] [illegible] [illegible] [illegible]	[illegible]	[illegible] [illegible] [illegible]	890.4	
4	8.053 7.833 7.611 23.497	7.832	22.0 [illegible] [illegible]	934.2		[illegible] [illegible] [illegible] [illegible]	[illegible]	22.3 [illegible] [illegible]	934.9	
3	9.191 8.99[illegible] 8.797 26.982	8.994	19.7 19.7 [illegible]	973.6		1.311 1.116 [illegible] [illegible]	1.116	19.8 19.6 39.1	974.0	1-2-46
2	9.714 9.495 9.274 28.483	9.494 79.411	21.9 22.1 [illegible]	1017.6		1.603 0.782 0.561 2.346	0.782 68.866	22.1 22.1 [illegible]	1018.2	

F.B. [illegible] PG. 171

Cont'd on pg. 1[illegible]2.

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. W. Kleineck Weather Partly [illegible] Inst. No. 50010
Notes by J. Lanigan Time Rod No. L-3 - L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM-F-4 To BM #53-S
Date 12-4-45
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	11.305 11.010 10.7[illegible] [illegible]	79.411 [illegible]	29.5 29.5 [illegible]	1017.6 1076.6	66°F	2.459 2.157 1.888 6.469	68.866 2.156	29.7 29.9 [illegible]	1018.2 1077.8	Backward Run Cont'd from pg. 171.
										1-2-36
										Summation of Run BM #53-S to Trav. Sta. Sierra Madre F-4"
										Total Backsights = + 90.421 " Foresights = − 71.022 Diff. in Elevtn = + 19.399
		90.421		1076.6			71.022		1077.8	

F.B. 1200 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 W. W. Hamack Weather Cloudy Inst. No. Topo
Notes by G.W.K Time 1:30 to 2:45 P.M. Rod No. L-3 & L-4

Name Geol. Cor. - Sec. 4 Topo
Job No. 49.9
From Sta 25.5 To 1.F.59
Date 12-4-49
Indexed L. C. Jones

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	1.855 1.588 1.370 4.763	1.588	26.7 26.8 53.5	53.5	L-3 68°F	7.730 7.455 7.180 22.365	7.455	27.5 27.5 55.0	55.0	Forward Run
2	2.773 2.400 2.027 7.200	2.400	27.3 37.3 74.6	128.1		8.179 7.803 7.430 23.412	7.804	37.6 37.2 74.9	129.9	
3	2.038 1.540 1.040 4.618	1.539	49.8 50.0 99.8	227.9		9.310 8.811 8.311 26.432	8.811	49.9 50.0 99.9	229.8	H.P. No. 12-2-1
4	2.359 1.889 1.390 5.638	1.879	49.9 50.0 99.8	327.7		9.070 8.571 8.070 25.711	8.570	49.9 50.1 100.0	329.8	
5	1.725 1.227 0.729 3.681	1.227	49.8 49.8 99.6	427.3		9.563 9.068 8.569 27.200	9.067	49.5 49.9 99.4	429.2	cont'd on pg. 17-A
		8633				41.707				

F.B. 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.W. Klemeck Weather Cloudy Inst. No. 50010
Notes by GWK Time Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From BM 753-5 To SM F-5A
Date 12-4-45
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
6	1.969 1.470 0.970 4.409	8.623 1.470	49.9 50.9 99.9	427.3 527.2	L-3	9.051 8.552 8.052 25.655	1.707 [illegible]	49.9 50.0 99.9	429.2 529.1	Forward Run Cont'd from pg. 173
7	2.324 1.829 1.330 5.483	1.828	49.5 49.9 99.4	626.6		8.619 8.120 7.620 24.359	[illegible]	49.9 50.0 99.9	629.0	
8	2.170 1.873 1.578 5.6[illegible]	1.874	29.7 29.5 [illegible]	685.8		8.887 8.593 8.294 25.771	[illegible]	29.7 29.6 [illegible]	688.3	Notes by Lanigan
9	1.879 1.581 1.272 4.732	1.577	29.7 30.7 60.7	746.5		8.583 8.285 7.989 [illegible]	[illegible]	29.8 29.6 [illegible]	[illegible]	H. E. H. 12/27/45
10	1.638 1.290 0.9[illegible] 3.[illegible]	[illegible]	[illegible] 34.8 [illegible]	816.1		9.138 8.[illegible] 8.45[illegible] [illegible]	[illegible]	34.5 34.3 [illegible]	816.5	
		16.672					84.149			Cont'd on pg. 175

F.B. 1200 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. W. Kleinman Weather Cloudy Inst. No. 50010
Notes by EWE Time Rod No. L-3 & L-4

Name Geod. Cont. - Int. Points
Job No. 4919
From BM #53-5 To SP F-5A
Date 12-4-45
Indexed A. C. Jones

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	2.089 / 1.741 / 1.393 / 5.223	16.672 / 1.741	34.9 / 33.8 / 67.7	816.1 / 885.7	L-3	8.994 / 8.260 / 6.213 / 23.467	7.822	39.38 / 34.6 / 73.9	885.3	Forward Run Contd from pg. 1-4
12	2.041 / 1.732 / 1.424 / 5.197	1.732	34.9 / 33.9 / 68.8	955.5		8.094 / 6.100 / 4.803 / 21.900	7.300	97 / 97 / 194	955.3	Summation of Fwd Run BM #53-5 to
13	2.067 / 2.131 / 1.799 / 6.097	2.124	39.7 / 33.6 / 73.3	1034.8		9.177 / 7.899 / 6.019 / 23.095	7.699	27.3 / 27.3 / 54.6	1034.4	Trav. Stg. "Sierra Mad" to F-5A Total Backsights = + 4.220 " Foresights = - 1.8 425 ✓
14	2.682 / 2.404 / 2.127 / 7.214	2.405	35.6 / 33.7 / 69.3	1034.4	68°F	9.177 / 7.899 / 6.019 / 23.095	7.698	27.3 / 27.3 / 54.6	1040.2	D. H. in Elev = + 2.794 ✓ H. E. H 12/27
				1092.4					1092.2	
		24.794 ✓					11.8408 ✓			

F.B. PG.

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 Gil Hammock Weather Cloudy Inst. No. 5010
Notes by GWK Time 2:50 – 4:10 PM Rod No. 2-27-4

Name Gold Coast - Sierra Madre
Job No. 1910
From BM #53-5 To SM E-54
Date 12-4-145
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
14	8.768 8.490 8.211 ✓ 25470 ✓	8.490	27.8 27.8 55.6	55.6	68°F	2.298 1.999 1.719 5996	1.999	29.9 28.0 55.9	55.9	Backward Run
13	8.748 8.351 7955 25054	8.351	39.7 39.6 79.3	134.9		2.418 2.020 1.623 6061	2.020	39.8 39.7 79.5	135.4	
12	8.402 ✓ 8.057 7709 24168 ✓	8.056 ✓	34.5 34.8 69.3	204 ✓		1.810 1.460 1.110 4380 ✓	1.460 ✓	35.0 35.0 70.0	205.4	C.H. 12/27/45
11	8.832 ✓ 8.490 8.150 25472 ✓	8.491	34.2 ✓ 34.0 68.2 ✓	272.4		1.933 1.583 1.233 ✓ 47 49	1.583	35.0 35.0 70.0	275.4	
10	9.061 8.718 8.370 26149	8.716 4WN04 ✓	34.3 34.4 69.1	341.5		1.561 1.213 0869 ✓ 26431	1.214 8.296 ✓	34.8 34.4 69.2 ✓	344.6	Cont'd on pg 197

F.B. 1380 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.W. Alexander Weather Cloudy Inst. No. 50010
Notes by G.W.A. Time Rod No L-3 & L-4

Name Geod Cot - Sta. Clara
Job No. 4919
From Off B53-5 To 5 F-59
Date 12-4-45
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
9	8.650 8.350 8.050 25.050	8.350	30.0 30.0 60.0	241.5 401.5	L-3	1.941 1.645 1.350 4936	1.645	29.6 29.5 59.1	303.8 403.7	Backward Run. Contd from pg. 16.
8	8.792 8.605 8.308 25.815	8.605	29.7 29.7 59.4	401.9		2.193 1.890 1.597 5.670	1.890	29.3 29.3 58.6	462.3	
7	8.500 8.061 7.621 24.182	8.061	49.2 50.0 99.2	560.8		2.268 1.770 1.270 5.308	1.769	49.8 50.0 99.8	562.1	
6	8.907 8.409 7.910 25.226	8.409	49.8 49.3 99.1	660.5		1.822 1.325 0.828 3.975	1.325	49.7 49.7 99.4	661.5	
5	9.508 9.010 8.511 27.029	9.010	49.8 49.3 99.1	760.2		1.667 1.169 0.670 3.506	1.169	49.8 49.9 99.7	761.2	
		84.539					16.074			Contd on pg 17

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.W. Hoover Weather Clear Inst. No. Dahl
Notes by GWK Time / Rod No. 12-L-4

Name Grad Both - Sierra Madre
Job No. 4919
From Bch. #33-S To Sta. F-59
Date 12-4-45
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
4	8.920	8.539	500	760.2	L-3	2.424	2.025	494	761.2	Backward Run. Carried from pg. 117
	8.420		500			1.928		501		
	7.920		100.0			1.523		74.7		
	25.260	8.420		860.2		5.179	2.026		860.5	
3	9.150		499.			2.901		500.		
	8.651		499			1.402		499		
	8.157		99.6			0.774		97.9		
	26.043	8.681		760.0		4.977	1.659		960.4	
2	8.328		293.			2.524		377.		
	7.855		293			2.450		273		Summation of Runs Thru Sta. Sierra Madre F-59
	7.482		94.6			2.077		94.7		
	23.665	7.888		1034.6		7.051	2.350		1035.1	
1	7.992		292			1.920		275		to Sta. F-59 = 271.5
	7.520		294			1.650		269		
	7.046		94.5			1.481		50.5		Total Backsight = + 117.014 ✓
	22.558	7.519		1028.7	65°F	4.951	1.650		1028.4	" Foresight = - 233.69 ✓
										Diff. in Elevs = + 83.325 ✓
F.B. L200 PG. 116										U. E. H. 12/27/45
				1028.7					1028.4	
		117.01 ✓					233.70 ✓			

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 Gus Klemmack Weather clear Inst. No. 5010
Notes by Fuhr Time 8:12 – 9:40 27 Rod No. L-3 & L-4

Name Ford 2+... – 1+64
Job No. 4919
From TM F-5A To ... = CP
Date 12-5-'47
Indexed ...

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	3.041 2.747 2.402 8.23		344 347 69.1	69.1	L-3 56°F	5.727 5.378 2.802 8.177	12.26	349 345 69.4	69.4	Forward Run
2	2.098 1.722 1.348 5.169	17.23	376 374 75.0	144.1		9.081 5.711 8.341 26.133	8.711	370 370 74.0	143.4	
3	2.095 1.720 1.347 5.162	17.21	375 373 74.8	218.9		5.995 8.122 1.250 25.867	8.622	273 274 74.7	217.9	H 12/2-1/4
4	2.123 1.749 1.375 5.245	17.48	371 374 74.5	292.4		8.993 5.037 8.230 25.819	8.606	370 372 74.2	292.1	
5	1.890 1.515 1.142 4.550	15.17	372 376 74.8	367.2		9.241 8.970 8.000 26.911	8.970	271 373 74.4	366.2	
		94.55					43.135			Contd on pg. 1.5

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

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.W. Steinbeck Weather clear Inst. No. 50010
Notes by GWS Time Rod No. L-3 & L-4

Name Grid Jct. - Tunnel Roads
Job No. 4919
From SM F59 To SM F62
Date 12-5-45
Indexed Mrs. C. Jones

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	1.520 1.148 0772 3.440	1.147	37.2 37.6 74.8	8647 8650	L-3	9.070 8.700 4.831 22.601	7.533 7.533	37.0 37.2 74.2	9667 4404	Forward Run. Contd from pg. 179.
7	1.960 1.588 1214 4762	1.587	37.2 37.4 74.6	5176		9.304 8.971 4.604 22.879	7.626	37.3 37.1 74.4	5148	
5	1.892 1.501 1.122 4.515	1.500	39.1 37.4 74.5	5921		8.60 8.43 5.06 22.096	7.432	37.0 37.0 74.0	5698	H. E. H. 12/7/45
9	1.469 1.095 0721 3285	1.095	37.4 37.4 74.8	6669		9.392 7.021 6.650 23063	7.687	37.1 37.1 74.2	6630	
10	1.921 1.548 1.170 4639	1.546	37.3 37.8 75.1	7420		9.489 8.120 5.954 23563	7.854	36.9 37.2 74.1	9369	
F.B. 200 PG. 18		16.930					7.379			Contd on 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 E.W. Klaiber Weather ..... Inst. No. 50010
Notes by S. Lanigan Time ..... Rod No. L-3-L-4

Name Geo. Surv. - Zone 7
Job No. 4919
From S.M.P. 57 To [illegible] F-623
Date 12-6-45
Indexed A. C. Jones

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
7	9.363	44.423	37.3	353.3	L-3	1.979	7.238	37.4	354.8	Backward Elev. Carried from pg 182
	8.990		37.1			1.605		37.5		
	8.619	8.891	74.4			1.230	1.605	74.9		
	26.972			428.0		7.814			428.9	
6	9.313		37.1			1.763		37.3		
	8.943		37.1			1.390		37.2		
	8.570		74.3			1.019		74.5		
	26.825	17.912		532.3		4.172	1.390		503.4	
5	9.571		37.1			2.179		37.4		
	9.200		37.2			1.745		37.4		
	8.828		74.3			1.311		74.8		N.E.H. 72½ L.F.
	27.599	9.200		576.6		5.235	1.745		578.2	
4	9.141		37.0			2.297		37.4		
	8.771		37.0			1.923		37.2		
	8.401		74.0			1.551		74.6		
	26.313	8.771		551.6		5.771	1.923		552.9	
3	9.137		37.5			2.231		37.1		
	8.763		37.3			1.859		37.2		
	8.389		74.8			1.487		74.3		
	26.289	8.763		725.4		5.577	1.859		727.1	
		52.113					16.482			

F.B. [illegible] PG. 122

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.W. Klemmedson Weather Clear Inst. No. 50010
Notes by J. Lanigan Time Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 2319
From S.M. F-6A To SM F-6B
Date 12-6-45
Indexed

F.B. 1202 PG. 115

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
2	9.195	8.972	37.3	797.4	L-3	2.206	1.682	37.3	801.6	Backward Run. contd from pg. 183
	8.822		37.1			1.833		37.1		
	8.561		74.4			1.481		74.4		
	26.578	8.823				5.520	1.653			
1.	8.602		34.7			3.182		34.5		
	8.215		34.7			2.837		34.8		
	7.959		69.4			2.489		69.3		
	24.776	8.215		869.0	68°F	8.508	2.836		870.9	
										Summation of Run. Trav. Stg. "Sierra Madre F-6B" to " " " " " F-5A
										Total Backsights = +106.250 ✓
										" Foresights = − 21.151 ✓
										Diff. in Elevtn = + 85.099 ✓
				869.0					870.9	H.E.H. 12/27/45
		106.250 ✓					21.151 ✓			

7

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 W. H. Kleineck Weather Clear Inst. No. 50010
Notes by F.W.K. Time 9:20-10:40 Rod No. L-3 & L-4

Name Geo. Surv. - Azusa
Job No. 419
From B.M. 9-49 To B.M. 53-A
Date 12-5-49
Indexed A. C. Jones

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	3.666 3.344 3.020 10.032	3.344	32.4 32.4 64.8	64.8	60°F	10.014 9.696 9.377 29.087	9.696	31.8 31.9 63.7	63.7	Forward Elev
2	1.585 1.321 0.739 3.645	1.062	32.4 32.2 64.6	129.4		9.036 8.718 8.398 26.152	8.717	31.8 32.0 63.8	127.5	
3	1.580 1.255 0.930 3.765	1.255	32.5 32.5 65.0	194.4		9.099 8.780 8.460 26.339	8.780	31.9 32.0 63.9	191.4	HE 12/1 1.7
4	1.470 1.148 0.827 3.440	1.147	32.2 32.6 64.8	259.2		9.089 8.770 8.451 26.310	8.770	31.9 31.9 63.8	255.2	
5	1.590 1.268 0.945 3.803	1.269	32.2 32.3 64.5	323.7		9.340 9.019 8.696 27.055	9.019	32.1 32.3 64.4	319.6	
		8.076 ✓					44.981 ✓			Cont'd on pg. 184

F.B. 17221 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.W. Kleineck Weather ..... Inst. No. 50010
Notes by GWK Time ..... Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM G-44 To BM #53-R
Date 12-5-'45
Indexed A. C. [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
6	1.660 1.338 1.012 4010	8076 1337	32.2 32.6 64.8	323.7 389.5	L-3	9.031 8.713 8.397 26141	44.981 8714	31.8 31.6 63.4	319.6 383.0	Forward Run Cont'd from pg. 185
7	1.607 1.282 0.959 3848	1283	32.5 32.3 64.8	453.3		9.309 8.986 8.663 26958	8986	32.3 32.3 64.6	447.6	
8	9340 8841 8345 26526	8842	49.9 49.6 99.5	552.8		2137 1.639 1.140 4916	1639	49.8 49.9 99.7	547.3	Notes by Moore
9	8790 8290 7790 24870	8290	50.0 50.0 100.0	652.8		2070 1.572 1.078 4720	1573	49.5 49.4 99.2	646.5	H. E. H. 12/7/45
10	8702 8203 7707 24612	8204	49.9 49.6 99.5	752.3		2137 1.638 1.139 4914	1638	[illegible]	746.3	
		36032					67531			cont'd on pg. 187.

F.B. 1200 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.W. Hilmer ✓ Weather Clear Inst. No. 50010
Notes by J. Moore Time Rod No. L-3 & L-4

Name Grad Cont. - N. to Mass
Job No. 4919
From 20 Grad To M 52-3
Date 12-5-45
Indexed A. C. Jones

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	[illegible]	36.032 ✓	49.7	752.3	L-3	21.00	67.531 ✓	49.7	796.3	Forward Cur. Cont'd from P. 186
	[illegible]	81.63	49.7	851.9		160		49.5		
						1102		99.5		
						4.8 [illegible]	1.531 ✓		846.1	
12	[illegible]		49.6			9.126		49.6		Summation of [illegible]
	6'					1.430				From Sta "Sierra Hy #3 5-47"
						8130				to BM #5-RC
		✓		951.0		25886	✓ -2.9		945.7	
13	2.605		20.3			[illegible]		20.8		Total Backsights = 55.602 ✓
	4.487					[illegible]				" Fore Sights = 81.940 ✓
	4.277					[illegible]		+1.8		Diff. in Elev. = 26.338 ✓
	13 ✓			992.6		[illegible] ✓ -.5			997.5	
										F.B. 1000 PG. 171
										H.E.H. 12/-5
				992.6					997.5	
		55.602 ✓					81.940 ✓			

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.W. Thomas Weather Fair Inst. No. Topo
Notes by S. Lanigan Time 1:00 To 2:15 Rod No L-3 & L-4

Name Geod. Cont. - Tierra Monte
Job No. 4919
From Sta. 6+40 To BM "3 32"
Date 12-6-45
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
13	4.322 4.113 3.954		20.9 21.0 41.9		L-3 69°F	9.682 9.473 9.213		20.8 20.9 41.7		Backward Run
	12.389 ✓	4.130		83.8		28.368 ✓	9.456		41.7	
12	9.245 9.148 8.960		9.7 9.8 9.6			7.539 7.336 7.161		19.4 19.7 19.5		
	27.353 ✓	9.118		29.1		22.036 ✓	7.345		58.6	
11	2.410 1.913 1.414		49.7 49.9 99.6			8.973 8.474 7.975		49.9 49.8 99.7		
	5.737 ✓	1.912		201.0		25.422 ✓	8.474		240.8	
10	2.263 1.767 1.268		49.6 49.9 99.5			8.831 8.333 7.835		49.8 49.8 99.6		H. C. H. 12/3/45
	5.298 ✓	1.766		340.5		25.004 ✓	8.333		340.4	
9	2.360 1.861 1.361		49.9 50.0 99.9			9.074 8.579 8.081		99.5 99.5 99.3		
	5.582 ✓	1.861		441.4		25.734 ✓	8.578		439.7	
		18.398 ✓				36.843 ✓				contd on pg 189.

F.B. 1200 PG. 188

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 F.W. Hlavacek Weather Fair Inst. No. 5212
Notes by J. Lanigan Time Rod No. L-3 & L-4

Name Geod. Cont. - Sta. Fe
Job No. 491
From SM 5-48 To SM #53.2
Date 12-5-48
Indexed A. C. Jones

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	1.305	18.398	99.7	499.4	L-3	2.50	36.843	20.8	439.7	Backsight to Sta. 53.2 Cont. from Eq. 7
	1.999		99.8					99.4		
			99.5							
	6.1	1.800		539.9		27.335			53.1	
7	9.3		22.3							
			64.3							
	27.2	9.37	64.6	604.5					3.8	
6	9.2		22.2			1.91				
	9.68					1.90		20.0		
	7					0				
	5								7.8	
5								32.3		
								32.1		
				330					732.2	H E H 12/ 1
4			32.1			1.583				
			32.0							
	6		64.1			0 73		64.5		
				797.1					67	
		56.085					51.280			Cont'd on pg. 14

F.B. 1302 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.W. Kleineck Weather Fair Inst. No. 50016
Notes by J. Lanigan Time Rod No. L-3 & L-4

Name Geod. Cont.-Sierra Madre
Job No. 4910
From SM G-4A To BM #53-R
Date 12-5-45
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	9.2[illegible]	56.085	32.0	797.1	L-3	1.740	51.280	32.3	796.7	Backward Run Cont'd from pg. 189
	8.9[illegible]		32.0			1.[illegible]3		32.3		
	8.6[illegible]		64.0			1.100		64.0		
	[illegible]835	8.945		861.1		[illegible]269	1.423		861.3	
2	9.2[illegible]		32.1			1.6[illegible]		32.2		
	8.[illegible]		32.0			[illegible]		32.2		
	[illegible]		[illegible]			[illegible]		64.4		
	[illegible]78	[illegible]16		925.4		[illegible]			[illegible]5.7	
1	9.95[illegible]		[illegible]			3.6[illegible]		[illegible]		Summation of Run BM #53-R to Trav. Sta. Sierra Madre G-4A
	9.63[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		64.1			[illegible]		[illegible]		
	2[illegible]2	[illegible].63		989.5	[illegible]	9.83[illegible]	[illegible]		[illegible]4	
										Total Backsights = + 83.621 ✓
										" Foresights = - 57.285 ✓
										Diff. in Elev'th = + 26.336 ✓
				989.5					[illegible]	H.E.H. 12/27/45
		83.621 ✓					57.285 ✓			

F.B. 1200 PG. 190

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.W. Hemmerle Weather Partly Cloudy Inst. No. 5.0.10
Notes by J. Lanigan Time 2:10 - 3:00 P.M. Rod No. L-3 & L-4

Name Geod. Dat. - T. 1 N., R. 20 W.
Job No. 4919
From BM 45 To T.P. 6-5
Date 12-5-44
Indexed A. O. Jones

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	4.322 4.113 3.904 ✓ 12.339	4.113 ✓	20.9 20.9 41.8	41.8	60°E	4.630 4.422 4.213 ✓ 13.265	4.422 ✓	20.8 20.9 41.7	41.7	Forward Rod
2	9.244 8.746 8.248 26.238 ✓	8.746 ✓	49.6 49.8 99.4	141.4		11.537 9.038 6.539 ✓ 27.109	9.036 ✓	49.9 49.9 99.8	141.0	
3	2.410 1.913 1.414 5.737 ✓	1.912 ✓	49.7 49.9 99.6	241.0		8.973 8.174 7.375 24.522	8.174 ✓	49.9 49.9 99.8	140.8	
4	2.263 1.767 1.268 5.298 ✓	1.766 ✓	49.6 49.9 99.5	340.5		8.831 8.333 7.835 24.999 ✓	8.333 ✓	49.8 49.8 99.6	340.4	H.E.H. 12/7 '44
5	2.300 1.801 1.301 5.402 ✓	1.801 ✓	49.9 50.0 99.9	440.4		9.074 8.574 8.081 25.729 ✓	8.579 ✓	49.5 49.8 99.3	439.7	
		18.398 ✓					26.843 ✓			Correction 54.7 ft

F.B. 1999 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.W. Hellwick Weather _____ Inst. No. Sad 6
Notes by C. Corrigan Time _____ Rod No. 4-34-1

Name Geod. Surv. Bench Marks
Job No. 9919
From BM 452-R To BM 6-5
Date 11-5-45
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
6	2.324 / 1.308 / 1310 / 5432	1.398	491 / 495 / 99	1485		9.519 / 9.323 / 8.515 / 27.357	9.119	1196 / 1196 / 51.2	3439.1	Forward Run Contd Fwd. 99+91
7	1.550 / 1.317 / 0903 / 3770	1.257	323 / 322 / 64.5	6446		9.505 / 9.183 / 8.565 / 27.253	9.084	322 / 322 / 64.3	6082	
8	1610 / 1285 / 0761 / 3656	1.218	325 / 324 / 64.9	6495		9.328 / 9.091 / 8.848 / 27.267	9.089	324 / 320 / 64.0	6674	
9	1652 / 1361 / 1040 / 4074	1.361	327 / 324 / 64.3	7338		9.223 / 9.015 / 8.980 / 27.218	9.073	323 / 321 / 64.3	7317	HEH 12/27/45
10	1694 / 1371 / 1048 / 4113	1.371	323 / 323 / 64.6	7954		9.166 / 8.941 / 8.922 / 27.029	9.010	319 / 316 / 63.8	7955	
F.B. 1200 PG. 47		25.450 ✓					81.793 ✓			Contd on pg. 113

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 Gen'l. Kleneck Weather Fair Inst. No. 50010
Notes by [illegible] Time Rod No. L-3 + L-4

Name Geod. [illegible]
Job No. 4919
From BM #53-R To [illegible]
Date 12-5-45
Indexed A. C. Jones

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT [illegible]	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	1840 1518 1194 4552	25.450 1517	322 324 646	7984 8630	L-3	9199 8877 8554 26630	81.793 8877	322 323 645	7955 8600	Forward Run Contd from pg. 12
12	2763 1440 1115 4318	1439	322 325 [illegible]	9278		9397 9075 8755 27227	9076	322 320 642	9242	Summation of [illegible] B.M. #53-R Trav. Sta. "[illegible]"
13	2400 2140 1879 6419	2140	260 261 521	9799	[illegible]	[illegible] 7692 7431 23[illegible]	7691	250 261 520	9762	Total Backsight 30.546 " Foresight 107.437 Diff. in Elev. 76.891
										H. E. H 12/[illegible]
				9799					9762	
		30.546					107.437			

F.B. [illegible] PG. 10[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.W. Kleinack Weather Fair Inst. No. Topcon
Notes by GWK Time 3:05 - 4:00 P.M. Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From BM #52 RE To BM G-5
Date 12-5-45
Indexed

F.B. L 2611 PG. 124

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
13	7.650 7.390 7.131 2617	7.390	26.0 25.9 51.9	51.9	L-3 62°F	2.099 1.839 1.579 5.517	1.839	26.0 26.0 52.0	52.0	Backward Run
12	9.200 8.679 8.158 2642	8.679	32.1 32.1 64.2	116.1		1.562 1.240 0.919 3.721	1.240	32.2 32.1 64.3	116.3	
11	9.084 8.712 8.341 2613	8.712	37.2 32.1 64.3	180.4		1.676 1.353 1.031 4.060	1.353	32.3 32.2 64.5	180.8	
10	9.415 8.823 8.502 2647	8.823	32.2 32.1 64.3	244.7		1.675 1.354 1.032 4.061	1.354	32.1 32.2 64.3	245.1	H.E. M 12/27/45
9	9.091 8.750 8.430 2625	8.750	32.1 32.0 64.1	308.8		1.531 1.210 0.890 3.631	1.210	32.1 32.0 64.1	309.2	
	4 x 5.54					6.196				Continued on P. 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. W. Kleineck Weather Partly Cloudy Inst. No. 50010
Notes by GWK Time Rod No. L-3 + L-4

Name Geod. Cont. - Jiu... Maa...
Job No. 4919
From BM #53-R To ... G-5
Date 12-5
Indexed A. C. Jones

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	9.210 8.890 8.570 26.670	42.554 8.890	32.0 32.0 64.0	308.8 372.8	L-3	1.489 1.165 0.842 3.496	6.996 1.165	32.4 32.3 64.7	309.2 373.9	Backward Run Cont'd from pg. 14
7	9.361 9.042 8.722 27.125	9.042	31.9 32.0 63.9	436.7		1.408 1.083 0.760 3.251	1.083	32.5 32.3 64.8	438.7	
6	9.340 8.841 8.345 26.526	8.842	49.9 49.6 99.5	536.2		2.137 1.639 1.140 4.916	1.639	49.8 49.9 99.7	538.4	
5	8.790 8.290 7.790 24.870	8.290	50.0 50.0 100.0	636.2		2.070 1.572 1.078 4.720	1.573	49.8 49.4 99.2	637.6	H. E. H. 12/3/4
4	8.702 8.203 7.707 24.612	8.204	49.9 49.6 99.5	735.7		2.137 1.638 1.139 4.914	1.638	49.9 49.9 99.8	737.4	
		85.822					14.094			Cont'd on pg. 19

F.B. 1200 PG. 195

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. W. Kleineck Weather Partly [illegible] Inst. No. 50010
Notes by GWK Time Rod No. L-3 + L-4

Name Geod. Cont. Sierra Madre
Job No. 4919
From BM #53-C To BM G-5
Date 12-5-45
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	8.661 8.162 7.665 24.488	85.822 8.163	49.9 49.7 99.6	735.7 835.3	L-3	2.101 [illegible] 11.[illegible] [illegible]	[illegible]	49.9 49.9 99.8	737.4 837.2	Backward Run Cont'd from pg. 195
2	7.415 6.920 6.424 20.759	6.920	49.5 49.6 99.1	934.4		8.126 8.630 8.1[illegible] [illegible]	[illegible]	49.6 50.4 99.6	9[illegible]	
1	4.695 4.487 4.279 13.461	4.487	20.8 20.8 41.6	976.0	62° F	4.[illegible] 4.1[illegible] 3.970 12.538	[illegible]	20.8 21.0 41.8	[illegible]	Summation of Run Trav. Sta. Sierra Madre G-5" to BM #53-C.
										Total Backsight = + 105.392 " Foresight = - 28.5[illegible]4 Diff. in Elevation = + 76.88[illegible]8
				976.0					978.6	H. E. H 12/27/45
		105.392					28.50[illegible]4			

F.B. 1200 PG. 196

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.W. Kleineck Weather Clear Inst. No. 50010
Notes by G.W.K. Time 8:05 – 9:15 A.M. Rod No. L-3 & L-4

Name Grad Cont. - Turnout
Job No. 419
From SM 6-5 To SM 6-6
Date 12-6-45
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	2.132 1.781 1.441		34.4 34.7 69.1		L-3	10.045 9.699 9.355		34.6 34.9 69.5		Forward Run
	5.361	1.787		69.1	52°	29.094	9.698		69.5	
2	1.089 0.669 0.243		.420 .420 84.0			10.524 10.102 9.682		42.1 42.1 84.2		
	2.001	0.669		153.1		30.309	10.103		153.7	
3	1.172 0.749 0.324		.423 .425 84.8			9.781 9.361 8.942		420 41.9 83.9		
	2.245	0.748		237.9		28.084	9.361		237.6	
4	1.629 1.022 0.401		62.6 62.2 124.8			10.265 9.642 9.020		62.3 62.2 124.5		
	3.073	1.024		362.7		28.927	9.642		362.1	
5	1.370 0.800 0.425		570 575 1145			11.921 11.349 10.774		572 575 1147		H. E. H. 12/27 45°
	2.595	0.798		476.2		34.044	11.348		476.8	
		1.026					50.152			contd on pg 198

F.B. 1220 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.W. Kleineck Weather Clear Inst. No. 50010
Notes by G.W.K. Time Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM. G-5 To SM. G-6A
Date 12-6-'45
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	2.160 2.829 2.497 8.486	5.26 2.820	33.1 33.4 66.3	477.2 543.5	L-3	[illegible] 7.889 7.553 23.663	50.52 [illegible]	33.2 33.6 66.8	476.8 543.6	Forward Run. Contd from pg. 197
7	1.254 0.797 0.308 2.390	0.797	48.6 49.0 97.6	641.1		10.066 9.562 9.059 28.687	[illegible]	50.4 50.3 100.7	644.3	
8	2.112 1.619 1.120 4.851	1.617	49.3 49.9 99.2	740.3		9.741 9.245 8.750 27.736	9.245	49.6 49.5 99.1	743.4	Summation of Run. Trav. Sta. "Sierra Madre G-5"
9	1.615 1.000 0.385 3.000	1.000	61.5 61.5 123.0	863.3	62°F	10.939 10.320 9.703 30.962	10.321	61.9 61.7 123.6	867.0	To " " " " G-6A Total Backsights = + 11.269 ✓ " Foresights = − 87.168 ✓ Diff. in Elev'n = − 75.899 ✓ H. E. H. 12/27/45
		11.269 ✓		863.3			87.168 ✓		867.0	

F.B. 1200 PG. 198

1

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.W. Kleineck Weather Clear Inst. No. 50010
Notes by J. Lonigan Time 9:20 To 10:15 A.M. Rod No. L-3 + L-4

Name Geod. Cont. - [illegible] Madre
Job No. 4919
From S.M. G-5 To [illegible] G-6 A
Date 12-6-[illegible]
Indexed [illegible] Jon[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
9	10.869		61.8		L-3	1.549		61.7		Backward Run.
	10.251		61.5			0.932		61.3		
	9.636		123.3			0.319		123.0		
	30.756	10.252		123.3	62F	2.800	0.933		123.0	
8	9.628		49.8			2.000		49.8		
	9.130		49.8			1.502		49.5		
	8.632		99.6			1.007		99.3		
	27.390	9.130		223.9		4.509	1.503		223.3	
7	9.980		50.6			1.200		48.8		
	9.474		50.4			0.712		48.8		
	8.970		101.0			0.224		97.6		
	28.424	9.475		323.9		2.136	0.712		320.9	
6	8.191		33.1			3.130		33.0		
	7.860		33.5			2.800		33.2		
	7.525		66.6			2.468		66.2		
	23.576	7.859		390.5		8.398	2.799		387.1	
5	11.938		57.7			1.381		57.1		H.E.H. 12/27/45
	11.361		57.3			0.810		57.2		
	10.788		115.0			0.238		114.3		
	34.087	11.362		505.5		2.429	0.810		501.4	
		48.078					6.757			Contd on pg. 200

F.B. 1300 PG. 199

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.W. Kleineck Weather Clear Inst. No. 50010
Notes by [illegible] Time Rod No. L-3 & L-4

Name Geod. Cont. Sierra Madre
Job No. 4919
From SM G-5 To SM G-6A
Date 12-6-45
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	10.251	48.078	62.0	506.5	L-3	1.633	6.757	62.2	501.4	Backward Run Cont'd from pg 199
	9.631		62.4			1.011		62.2		
	9.007		124.4			0.389		124.4		
	28.889	9.630		629.9		3.033	1.011		625.8	
3	9.719		42.2			1.108		42.5		
	9.297		42.4			0.683		42.3		
	8.873		84.6			0.260		84.8		
	27.889	9.296		714.5		2.057	0.684		706.6	
2	10.539		42.0			1.102		42.1		
	10.119		42.4			0.681		42.0		
	9.695		84.4			0.261		84.1		Summation of Run.
	30.353	10.118		798.9		2.044	0.681		794.7	Trav. Sta. "Sierra Madre G-6A"
1	10.060		34.7			2.150		34.5		to " " " " G-5
	9.713		34.6			1.805		34.0		
	9.367		69.3			1.460		69.0		Total Backsights = + 86.835
	29.140	9.713		[illegible]	74°F	5.415	1.805		863.7	" Foresights = − 10.938
										Diff. in Elev'ts = + 75.897
				868.2					863.7	H.E.H. 12/27/45
		86.835					10.938			

F.B. 1200 PG. 200

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 F. W. Klemeck Weather Partly Cloudy Inst. No. 50010
Notes by G.W.K. Time 1:10 - 2:10 P.M. Rod No. L-3 & L-4

Name Geod. Cont. - L. A. Area 3
Job No. 4919
From SM I-6 2 To M. I-6
Date 12-10-46
Indexed A. C. Jones

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	3.499		75.1		L-3	9.537		75.4		Forward Ex.
	2.748		74.9			8.785		75.5		
	1.999		150.0			8.030		150.9		
	8.246	2.749		150.0	68°F	26.354	8.785		150.9	
2	2.521		75.2			9.131		74.6		
	1.771		74.9			8.385		75.2		
	1.022		149.9			7.633		149.8		
	5.314	1.771		299.9		25.149	8.383		300.7	
3	2.991		74.8			8.671		74.8		
	1.742		75.0			7.923		74.8		
	0.993		149.8			7.175		149.6		
	5.727	1.742		449.7		23.769	7.923		450.3	
4	2.112		74.8			9.322		74.5		
	1.364		74.9			8.577		74.9		
	0.615		149.7			7.828		149.4		
	4.091	1.364		599.4		25.727	8.576		599.7	
5	2.766		74.9			8.646		74.9		
	2.019		75.1			7.891		74.9		
	1.268		150.0			7.142		149.8		
	6.053	2.018		749.4		23.679	7.891		749.5	
		9.644					41.558			

F.B. 1200 PG. 201

cont'd on pg 202

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.W. Tleinecke Weather Partly Cloudy Inst. No. 50010
Notes by GWK Time Rod No. L-3 & L-4

Name Geod. Cont. Sierra Madre
Job No. 4919
From S.M. I-6A To S.M. I-6
Date 12-10-45
Indexed A. C. Johns

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	3.665 2.915 2.167 8.747	9.644 2.916	75.0 74.8 149.8	749.4 899.2	L-3	8.528 7.779 7.029 23.336	4[illegible] 7.779	74.9 75.0 149.9	749.5 899.4	Forward Run. Cont'd from pg. 201
7	3.569 2.820 2.068 8.457	2.819	74.9 75.2 150.1	1049.3		8.002 7.251 6.502 21.755	7.252	75.1 74.9 150.0	1049.4	
8	4.293 3.755 3.214 11.262	3.754	53.8 54.1 107.9	1157.2	72°F	7.370 6.830 6.288 20.488	6.829	54.0 54.2 108.2	1157.6	Summation of Run, Trav. Sta. "Sierra Madre I-6A" to Triang. Sta. " " I-6"
										Total Backsights = + 19.133 ✓ " Foresights = - 63.418 ✓ Diff. in Elevth = - 44.285 ✓
				1157.2					1157.6	H. E. H. 12/27/45
		9.133 ✓					63.418 ✓			

F.B. 1200 PG. 202

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.W. Hemenek Weather Cloudy Inst. No. 5010
Notes by S. Lanigan Time 9:40 To 10:20 A.M. Rod No. L-2 & L-4

Name Geodetic Control Map
Job No. 49.19
From M.I-69 To P.I-6
Date 12-11-42
Indexed A.C. Johns

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	7.343		54.2		L-3	4.272		43.9		Backward Run
	6.801		54.2			3.733		54.0		
	6.259		108.4			3.192		107.9		
	20.403	6.801		108.4	58°F	11.197	3.733		107.9	
7	6.151		74.9			3.713		74.9		
	7.402		75.0			2.964		75.2		
	6.552		149.9			2.212		150.1		
	22.265	7.402		259.3		8.889	2.963		259.0	
6	8.611		74.6			3.750		75.0		
	7.935		74.8			3.000		75.1		
	7.117		149.4			2.250		150.0		
	23.663	7.884		407.7		9.000	3.000		409.8	
5	8.776		74.5			3.018		75.2		
	9.038		74.9			2.151		75.0		
	7.270		149.4			1.401		150.2		
	24.083	8.028		551.9		6.455	2.152		559.2	
4	9.425		74.6			2.217		74.9		
	8.670		75.0			1.469		75.2		
	7.929		149.6			0.719		150.1		
	26.033	8.678		757.5		4.405	1.468		759.1	
		34.773					13.316			Contd on pg. 2

F.B. 12002 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.N. Hewitt Weather Overcast Inst. No. Sokia
Notes by J. Lapham Time Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From 2M. I-64 To 2M. I-6
Date 12-11-45
Indexed K. E. Jones

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	8.744	38.773	74.8	707.0	L-3	2.356	13.316	74.7	708.1	Backward Run. Carried from pg. 203
	7.996		74.9			1.817		75.2		
	7.984		74.7			1.065		74.9		
	23.987	7.996	224.4	857.7		5.446	1.815	224.8	858.0	
2	9.270		74.9			2.659		74.2		
	8.521		75.0			1.910		75.0		
	7.771		74.9			1.160		74.5		
	25.562	8.521	224.8	1026.6		5.729	1.910	223.7	1227.9	
1	9.533		75.3			3.091		74.9		
	8.780		75.6			2.342		75.1		
	8.024		150.9			1.991		150.0		
	26.337	8.779	301.8	1157.5	60°	8.224	2.741	300.0	1157.9	Summation of Geod. Traing. Sta. "Sierra Madre I-6" to Trav. " " " " I-64"
										Total Backsight = + 64.069 ✓
										" Foresight = - 19.782 ✓
										Diff. in Elevs = + 44.287 ✓
										H. T. H. 12/27/45
				1157.5					1157.9	

F.B. 1202 PG. 204

64.069 19.782

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.W. Hancock Weather Fair Inst. No. 5010
Notes by G.W.H. Time 2:15 - 3:20 PM Rod No. L-3-L-4

Name Geod. Ct. - 2 on Mt. L.
Job No. 4919
From SM 5-6 To SM 6-6
Date 12-10-45
Indexed C. Jones

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	7591 6842 6091 20524	6841	749 750 1499	1500	L-3 72°F	5.079 4.329 2.550 12988	4329	750 749 1499	1499	Forward Run
2	6.539 5.787 5.039 17364	5.788	751 748 149.9	2999		5.048 4.299 2.548 12895	4298	749 751 150.0	2999	
3	6.490 5.742 4.991 17223	5.741	748 751 149.9	449.8		5.020 4.270 3.521 12811	4270	750 749 149.9	449.9	
4	6.500 5.750 5.003 17253	5.751	750 747 149.7	599.5		5.038 4.290 3.542 12870	4290	748 748 149.6	599.4	H.E.H. 1.1/15
5	6.119 5.369 4620 16108	5369	750 749 149.9	749.4		6.270 5.520 4769 16559	5520	750 751 150.1	749.5	Contd on P. 206
	29490					22707				

F.B. 1240 PG. 205

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.W. Maineck Weather Fair Inst. No. 50016 Name Geod. Cont. - Sierra Madre
Notes by GWK Time Rod No. L-3 & L-4 Job No. 4919
From SM. I-6 To SM. G-6
Date 12-10-45
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	5.191 4.449 3.702 13.342	29.490 4.447	74.2 74.7 148.9	749.4 898.3	L-3	4.223 3.475 2.727 10.425	22.707 3.475	74.8 74.8 149.6	749.5 899.1	Forward Run Cont'd from pg. 205
7	8.808 8.060 7.308 24.176	8.059	74.8 75.2 150.0	1048.3		2.875 2.128 1.379 6.382	2.127	74.7 74.9 149.6	1048.7	
8	8.720 7.970 7.221 23.911	7.970	75.0 74.9 149.9	1198.2		2.789 2.041 1.295 6.125	2.042	74.8 74.6 149.4	1198.1	
9	8.738 7.988 7.240 23.966	7.989	75.0 74.8 149.8	1348.0		2.860 2.112 1.368 6.340	2.113	74.8 74.4 149.2	1347.3	H. E. H. 12/27/45
10	8.647 7.900 7.150 23.697	7.899	74.7 75.0 149.7	1497.7		2.740 1.990 1.241 5.971	1.990	75.0 74.9 149.9	1497.2	
		65.854					34.454			Cont'd on pg. 207

F.B. 1200 PG. 206

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. W. Kleineck Weather ..... Inst. No. 50010
Notes by GWK Time ..... Rod No. L-3 + L-4

Name Geod. Cont. - [illegible] Mtn
Job No. 4919
From S.M. I-6 To S.M. G-6
Date 12-10-48
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
11	8.720 7.970 7.220 23.910	65.854 7.970	75.0 75.0 150.0	1497.7 1647.7	L-3	2.360 1.610 0.862 4.832	34.454 1.611	75.0 74.8 149.8	1497.2 1647.0	Forward Run Contd from pg. 206
12	9.408 8.657 7.903 25.968	8.656	75.1 75.4 150.5	1798.2		1.960 1.210 0.462 3.632	1.211	75.0 74.8 149.8	1796.8	Summation of [illegible] Triang. Sta. [illegible] I-6 to Trav. " " " G-6
13	7.731 7.301 6.870 21.902	7.301	43.0 43.1 86.1	1884.3	64°F	4.688 4.253 3.821 12.762	4.254	43.5 43.2 86.7	1883.5	Total Backsights = 89.781 " Foresights = 41.530 Diff'n Elev'n = 48.251
				1884.3					1883.5	H. E. H. [illegible]
		89.781					41.530			

F.B. 12.00 PG. 207

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.W. Hemenway Weather Cloudy Inst. No. Top 10
Notes by [illegible] Time 8:30 / 12:30 Rod No. 4-3 T 4-4

Name Road Cut - Sierra Madre
Job No. 4919
From Sta. 5+6 To Sta. 6+6
Date 12-11-45
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
13	2.945 4.518 4.083 11.546	4.516	43.5 43.4 87.1	86.5	L-3 56°	7.900 7.465 7.121 22.486	7.495	43.5 43.4 86.9	86.9	Eastward Run
12	2.233 1.458 0.729 4.430	1.477	74.5 74.9 149.4	235.9		7.600 5.920 4.108 17.628	5.876	75.1 75.3 150.4	237.1	
11	2.530 1.791 1.031 5.342	1.781	79.3 75.0 154.3	389.2		8.140 7.387 15.527	7.763	79.2 75.5 154.7	391.9	
10	2.961 2.212 1.425 6.598	2.199	74.9 74.7 149.6	543.8		9.455 8.120 7.287 24.862	8.287	74.8 74.6 149.4	541.3	
9	3.025 2.281 1.532 6.838	2.279	74.7 74.2 148.9	692.7		8.923 8.155 7.402 24.480	8.160	75.1 75.2 150.3	691.6	F.C.H. 12/-1/+5
	12.267 ✓					49.342 ✓				Contd on pg. 209

F.B. 1200 PG. 208

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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 E.W. Hiemack Weather Cloudy Inst. No. 50010
Notes by L. Lanigan Time Rod No. L-3 T-4

Name Geodetic Traverse
Job No. 6912
From Sta. E-2 To Sta. E-4
Date
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
9	2.077 2.223 1.467	2.269	74.7 74.5 149.2	685.0	L-3	8.151 7.292	7.808	74.9 74.9 149.8	782.6	Back Level Line Closed Traverse 2.16
7	3.010 2.510	2.760		984.2		9.981 9.150 7.441	8.857	74.9 74.9 149.8	784.5	
6	2.781 3.735 2.955	3.154	74.8 74.8 149.6	1133.8		3.922 2.576 3.933	3.477	74.6 74.6 149.2	1135.7	
5	2.582 2.783 2.031	2.532	74.9 74.8 149.7	1283.9		2.392 2.691 4.384	3.156	74.1 74.9 149.0	1285.8	
4	5.219 4.870 3.722	4.604	74.9 74.7 149.6	1433.5		6.679 6.920 5.119	6.239	74.1 74.9 149.0	1435.5	
		3.017.8					13.478			Contd on pg 210

F. J. STEVENSON
DEC 29 1945

F.B. 1200 PG. 209

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.W. Meineck Weather [illegible] Inst. No. 50010
Notes by J. Lanigan Time Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM. I-6 To SM. G-6
Date 12-11-45
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
3	[illegible]	30.708	74.8	1433.5	L-3	6.691	[illegible]	74.4	1435.5	Backward Run. Cont'd from pg. 209
	4.473		74.6			5.947		74.7		
	3.727		199.4			[illegible]		[illegible]		
	13.421	4.474		1582.9		17.83[illegible]	[illegible]		1[illegible]46	
2	5.242		75.0			6.730		74.9		
	4.492		75.0			[illegible]		75.0		
	3.74[illegible]		[illegible]			[illegible]		[illegible]		
	13.47[illegible]	[illegible]		1732.9		[illegible]	[illegible]		17[illegible]45	
1	5.23[illegible]		75.0			[illegible]46		75.5		Summation of Run.
	4.47[illegible]		[illegible]			6.9[illegible]		74.9		Trav. Sta. "Sierra Madre G-6"
	3.73[illegible]		[illegible]			[illegible]		[illegible].4		to " " " " I-6"
	13.43[illegible]	4.47[illegible]		1[illegible]	58°F	[illegible]	6.1[illegible]3		1884.9	
										Total Backsights = + 44.153
										" Foresights = − 92.398
										Diff. in Elevtn = − 48.245
				1882.8					1884.9	
		44.153					92.398			

F.B. 1200 PG. 210

F. J. STEVENSON
DEC 29 1945

1

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. W. Kleinert Weather Cloudy Inst. No. 50010
Notes by [illegible] Time 10:35 - 11:30 AM Rod No. L-3 & L-4

Name Geod. Cont. [illegible]
Job No. 4919
From S.M. G-6 To [illegible]
Date 12-11-45
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
1	8.689 7.940 7.190 23.819	7.940	74.9 75.0 149.9	149.9	L-3 58°F	3.411 2.661 1.910 7.982	2.661	75.0 75.1 150.1	150.1	Forward [illegible]
2	8.158 7.408 6.662 22.228	7.409	75.0 74.6 149.6	299.5		3.502 2.752 2.003 8.257	2.752	75.0 74.9 149.9	300.0	
3	8.267 7.519 6.769 22.555	7.518	74.8 75.0 149.8	449.3		3.605 2.856 2.109 8.570	2.857	74.9 74.7 149.6	449.6	
4	8.170 7.420 6.670 22.260	7.420	75.0 75.0 150.0	599.3		3.505 2.759 2.009 8.273	2.758	74.6 75.0 149.6	599.2	H.E.H. 12/[illegible]
5	8.087 7.339 6.588 22.014	7.338	74.8 75.1 149.9	749.2		3.410 2.662 1.918 7.990	2.663	74.8 74.4 149.2	748.4	
		37.625					13.691			

Cont'd on pg. 212

F.B. 12M PG. 211

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 Gul Klement Weather Inst. No. 52010
Notes by G.W.K. Time Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Mad.
Job No. 4919
From Sta. G-6 To Sta. F-6A
Date 12-11-47
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
6	8.120	3.762.5	75.0	749.2	L-3	3.587	1.954.1	74.7	748.8	Foresight Run Carried from Pg. 211
	7.370		74.8			2.838		74.9		
	6.622		149.8			2.089		149.6		
	22.112	7.371		899.0		8.514	2.838		898.7	
7	7.660		74.9			3.837		74.8		
	6.911		74.8			3.089		74.9		
	6.163		149.7			2.340		149.7		
	20.734	6.911		1048.7		9.266	3.089		1047.9	
8	7.765		75.0			3.870		75.0		
	7.015		75.0			3.120		75.0		
	6.265		150.0			2.370		150.0		
	21.045	7.015		1198.7		9.360	3.120		1197.9	Summation of Run from Sta. Sierra Madre G-6
9	7.668		74.6			3.790		75.0		to " " " " " F-6A
	6.922		75.0			3.040		75.2		
	6.172		149.6			2.288		150.2		Total Backsights = +72.359
	20.762	6.921		1348.3		9.118	3.039		1348.1	" Foresights = -30.245
10	6.876		35.9			4.829		36.1		Diff. in Elevation = +42.114
	6.517		36.1			4.468		36.0		
	6.156		72.0			4.108		72.1		U. E. M. 12/-6/+5
F.B. 1200 PG. 2,17	19.549	6.516		1420.3	60°F	13.405	4.468		1420.2	
	72.359					30.245				

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 S.W. Hiemert Weather Clear Inst. No. Topo
Notes by S. Lanigan Time 10:10-10:50 A.M. Rod No. L-3 & L-4

Name Redondo 1-5 Via Marina
Job No. 4914
From BM 5-2 To BM 5-6
Date 12-12-46
Indexed A. C. Jobrack

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	5.043 4.683 4.323 14.049	4.683	36.0 36.0 72.0	72.0	L-3 53°	7.090 6.730 6.370 20.190	6.730	36.0 36.0 72.0	72.0	Backward
9	4.072 3.321 3.071 10.464	3.488	74.9 74.9 149.8	221.8		7.959 7.200 6.451 21.600	7.200	74.9 74.9 149.8	221.8	
8	4.062 3.311 2.563 9.936	3.312	75.1 74.8 149.9	371.9		7.954 7.204 6.453 21.611	7.204	75.0 75.1 150.1	371.9	
7	4.042 3.292 2.542 9.876	3.292	75.0 74.7 149.7	521.3		7.864 7.118 6.367 21.349	7.117	74.6 75.0 149.6	521.5	
6	3.824 3.078 2.328 9.230	3.077	74.6 75.0 149.6	671.9		8.359 7.611 6.861 22.831	7.610	74.8 75.0 149.8	671.3	
		17.689 ✓					35.961 ✓			Sent on FB 214

F.B. 1212 PG. 214

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.W. Klemmack Weather Clear Inst. No. [illegible]
Notes by J. Lanigan Time Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM G-6 To SM F-6A
Date 12-12-45
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
5	3.643	17.687	74.8	670.9	L-3	8.320	35.861	74.9	671.3	Backward Run Contd from pg. 213
	2.895		74.7			7.571		75.0		
	2.148		149.5			6.831		149.9		
	8.686	2.895		820.4		22.712	7.571		821.2	
4	3.679		74.8			8.344		75.3		
	2.931		74.8			7.591		75.2		
	2.183		149.6			6.839		150.5		
	8.793	2.931		970.0		22.774	7.591		971.7	
3	3.672		74.3			8.336		74.8		
	2.929		74.8			7.588		74.9		
	2.181		149.1			6.839		149.7		Summation of Run
	8.782	2.927		1119.1		22.763	7.588		1121.4	Trav. Sta. "Sierra Madre F-6A"
2	3.602		74.4			8.259		74.8		to " " " " G-6"
	2.858		75.0			7.511		74.8		
	2.108		149.4			6.763		149.6		Total Backsight = + 32.190
	8.568	2.856		1268.5		22.533	7.511		1271.0	" Foresight = − 74.293
1	3.645	8	75.1			8.920		74.9		Diff. in Elevtn = − 42.103
	2.894		75.0			8.171		74.9		
	2.144		150.1			7.422		149.8		H.E.H. 12/26/45
	8.683	2.894		1418.6	58°F	24.513	8.171		1420.8	
		32.190					74.293			

F.B. 1200 PG. 214

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.W. Klemick Weather Fair Inst. No. 50010
Notes by Gwk Time 2:30 – 3:45 PM Rod No. L-34-L4

Name Road Cont. - Tr. 1 Profile
Job No. 4919
From BM F-6.2 To BM F-6
Date 12-10-46
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	7.930		74.8		L-3	4.091		74.9		Forward Cut.
	7.182		74.8			3.342		74.2		
	6.434	7.182	149.6		64°F	2.570	3.321	150.1		
	21.546			149.6		9.963			150.1	
2	9.668		74.7			1.792		74.5		Summa To. of 3 Sta.
	8.921		75.0			1.047		74.7		Trav. Sta. Sierra Ave F-6.2
	8.171	8.920	149.7			6.300	3.046	149.2		.5 " " F-6
	26.760			299.3		9.139			299.3	
3	9.282		62.0			2.479		62.4		Total Backsights = 24.764
	8.662		62.1			2.855		62.4		" Foresights = 7.225
	8.041	8.662	124.1		64°F	2.231	2.855	124.8		Diff. in Elev. = 17.542
	25.985			423.4		8.565			424.1	
										F. A. ROBINSON
				423.4					424.1	J. N. [illegible]
		24.764					7.225			

F.B. [illegible] PG. 21

FORM 379 5M 7-40

PLEASE RETURN TO
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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.W. Kleineck Weather Cloudy Inst. No. 50010
Notes by J. J. Lanigan Time 8:00 To 8:20 Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM F-6A To SM F-6
Date 12-11-45
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
3	3.642 3.020 2.399 9.061	3.020	62.2 62.1 124.3	124.3	L-3 56°F	9.451 9.831 8.210 26.492	9.831	62.0 62.1 124.1	124.1	Backward Run.
2	1.940 1.191 0.443 3.574	1.191	74.9 74.8 149.7	274.3		9.811 9.062 8.315 27.188	[illegible]	74.9 74.7 149.6	273.7	
1	4.182 3.431 2.680 10.293	3.431	75.1 75.1 150.2	424.2	56°F	8.440 7.291 6.540 21.873	7.291	74.9 74.9 149.8	423.5	Summation of Run. Trav. Sta. "Sierra Madre F-6" " " " " " F-6A" Total Backsights = + 7.642 " Foresights = − 25.155 Diff. in Elevtn = − 17.543 H. E. H 12/[illegible]/45
		7.642		424.2			25.155		423.5	

F.B. 1200 PG. 316

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.W. Kleinert Weather Fair Inst. No. 50010
Notes by GWK Time 2:00 - 3:00 PM Rod No. L-3 + L-4

Name Geod. Cont. - [illegible]
Job No. 4919
From S.M. F-6 To S.M. I-6t.
Date 12-11-'45
Indexed [illegible] John [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
1	7.774 7.025 6.273 21.072	7.024	74.9 75.2 150.1	150.1	L-3 60° F	5.432 4.686 3.939 14.057	4.686	74.6 74.7 149.3	149.3	Forward R[illegible]
2	6.108 5.361 4.613 16.082	5.361	74.7 74.8 149.5	299.6		5.358 4.609 3.860 13.827	4.609	74.9 74.9 149.8	299.1	
3	6.112 5.367 4.620 16.100	5.367	74.4 74.8 149.2	448.8		5.300 4.550 3.801 13.651	4.550	75.0 74.9 149.9	449.0	
4	6.136 5.388 4.640 16.164	5.388	74.8 74.8 149.6	598.4		4.574 3.825 3.075 11.474	3.825	74.9 75.0 149.9	598.9	H E H 12/26/45
5	8.892 8.147 7.399 24.438	8.146	74.5 74.8 149.3	747.7		2.819 2.068 1.318 6.205	2.068	75.1 75.0 150.1	749.0	
		31.286					19.738			

cont'd on pg. 21

F.B. 1200 PG. 217

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.W. Kleineck Weather ..... Inst. No. 50010
Notes by G.W.K. Time ..... Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4-919
From S.M. F-6 To S.M. D-6A
Date 12-11-45
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	8.742 7.992 7.242 23.976	31.286 7.992	75.0 75.0 150.0	747.7 8977	L-3	4.790 4.041 3.290 12.121	19.738 4.040	74.9 75.1 150.0	749.0 8990	Forward Run Cont'd from pg. 217
7	6.650 5.904 5.155 17.709	5.903	74.6 74.9 149.5	10472		4.948 4.200 3.449 12.597	4.199	74.8 75.1 149.9	10489	
8	6.592 5.848 5.100 17.540	5.847	74.4 74.8 149.2	11964		4.919 4.168 3.419 12.506	4.169	75.1 74.9 150.0	11989	H. E. H. 12/26/45
9	6.475 5.728 4.980 17.183	5.728	74.7 74.8 149.5	13459		4.881 4.062 3.312 12.185	4.062	74.9 75.0 149.9	13488	
10	6.547 5.800 5.050 17.397	5.799 62.555	74.7 75.0 149.7	14956		4.846 4.099 3.347 12.292	4.097 40.305	74.7 75.2 149.9	14987	

F.B. 1200 PG. 218

Cont'd on pg. 219

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.W. Heinecke Weather ..... Inst. No. 50010
Notes by G.W.K. Time ..... Rod No. L-3 + L-4

Name Geod. Cont. - [illegible]
Job No. 4919
From S.M.F-6 To S.M.-D-67
Date 12-11-45
Indexed A. C. John

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	6.607	62.555	74.7	1495.6	L-3	4.918	40.305	75.0	1498.7	Forward Run Cont'd from pg. [illegible]
	5.860		75.0			4.168		74.9		
	5.110		149.7			3.419		149.9		
	17.577	5.859		1645.3		12.505	4.168		1648.6	
12	6.411		57.2			4.883		57.3		Summation of [illegible]
	5.839		57.7			4.310		57.5		Trav. Sta. [illegible]
	5.262		114.9			3.735		114.8		to " " " " D-67
	17.512	5.837		1760.2	62°F	12.928	4.309		1763.4	
										Total Backsight = + 74.251
										" Foresight = − 48.782
										Diff. in Elev. = + 25.469
										H.E.H. 12/2/45
				1760.2					1763.4	
		74.251					48.782			

F.B. 1200 PG. 219

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.W. Alewick Weather Clear Inst. No. [illegible]
Notes by G.W.K. Time [illegible] Rod No. [illegible]

Name Geod. Sr. - Sierra Madre
Job No. 4919
From SM. E-6 To SM. D-6A
Date 12-12-45
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
12	4.959 4.383 3.809 13.151	4.384	57.6 57.4 115.0	115.0	L-3 48°F	6.489 5.913 5.339 17.741	5.914	57.6 57.4 115.0	115.0	Backward Run
11	4.981 4.230 3.481 12.692	4.231	75.1 74.9 150.0	265.0		6.668 5.920 5.171 17.759	5.920	74.8 74.9 149.7	264.7	
10	5.044 4.293 3.545 12.882	4.294	75.1 74.8 149.9	414.9		6.743 5.999 5.249 17.991	[illegible]	74.4 75.0 149.4	414.1	H. E. H. 12/26/45
9	5.160 4.410 3.660 13.230	4.410	75.0 75.0 150.0	564.9		6.819 6.071 5.323 18.213	[illegible]	74.5 74.5 [illegible]	563.7	
8	5.173 4.427 3.679 13.279	4.426	74.6 74.8 149.4	114.3		6.852 6.107 5.359 18.318	6.106	74.5 74.9 149.3	713.0	
		21.745					30.008			

F.B. 1200 PG. 220

Cont'd on pg. 221.

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.W. Hamon Weather [illegible] Inst. No. 50010
Notes by J. Lanigan Time [illegible] Rod No. L-3-L-4

Name Geod. Cont. [illegible] Mon.
Job No. 4919
From [illegible] To [illegible]
Date 12-12-[illegible]
Indexed A. C. Jones

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
7	6.084	21.745	[illegible]	714.3	L-3	6.764	30.008	[illegible]	713.0	Redward Ave.
	7.309		79.7			5.262		75.2		Const. from Sta 220.
	3.564					[illegible]		[illegible]		
	[illegible]	[illegible]	[illegible]	1164.2		[illegible]	[illegible]	[illegible]	867.8	
6	[illegible]		[illegible]			[illegible]		75.2		
	[illegible]		[illegible]			7.420		75.0		
	[illegible]		[illegible]			[illegible]		150.0		
	12.66	4.220		954.0		24.613	8.204		1017.8	
5	2.913		[illegible]			8.991		74.9		
	[illegible]		75.0			[illegible]		75.0		
	[illegible]		47.9			7.492		[illegible]		
	2.99	2.662		1163.9		24.755	8.252		1162.7	
4	2.729		74.8			6.290		75.0		H E H. 1½ [illegible]
	3.980		75.0			5.545		[illegible]		
	3.230		149.8			2.795		[illegible]		
	14.939	3.735		1313.7		14.630	5.540		1312.7	
3	5.548		74.8			[illegible]		[illegible]		
	4.799		75.0			[illegible]		[illegible]		
	4.050		[illegible]			4.893		149.9		
	14.397	4.799		1463.5		16.838	5.613		1462.6	
		41.216					63.583			Contd on pg. 222.

F.B. 12-20 PG. 221

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.W. Heinack Weather ..... Inst. No. 50010
Notes by C. Lanigan Time ..... Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. F-6 To S.M. D-6A
Date 12-12-45
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
2	5.583 4.838 4.089 14.510	41.216 4.837	74.5 74.9 149.4	14635 16129	L-3	6.339 5.590 [illegible] [illegible]	63.885	74.9 74.0 149.9	14626 16125	Backward Run. Cont'd from pg. 221.
1	5.560 4.9[illegible] [illegible] [illegible]	[illegible]	[illegible]	17628	52°	7.898 7.149 6.400 21.447	[illegible]	74.9 74.9 149.8	17622	
										Summation of Run. Trav. Sta. "Sierra Madre D-6A" to " " " " " F-6"
										Total Backsights = + 50864 ✓ " Foresights = − 76324 ✓
				17628					17623	Diff. in Elevth = − 25.460 ✓ H.E.H. 12/26/45
7		50864 ✓					76324 ✓			

F.B. 1200 PG. 222

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 F.W. Hancock Weather Partly Cloudy Inst. No. T0010
Notes by G.W.K. Time 1:20-2:10 P.M. Rod No. L-3-L-4

Name Geo Sect. Topo Mapping
Job No. 4919
From S.M. T-65 To [illegible]
Date 12-12-64
Indexed A.C.J.-H.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	8.987		494		L-3	1.755		505		Fernrica Rd
	8.488		498			1.250		504		
	7990		99.7			0746		1009		
	25460	8.487		992	60°F	3751	1.250		1009	
2	8.886		447			1.972		452		
	8.439		449			1.524		448		
	7990		89.6			1.076		89.6		
	25315	8.438		1888		4572	1.524		190.5	
3	9.203		445			1.387		448		
	8.758		449			0.939		449		
	8309		89.4			0490		89.7		
	26270	8.757		2792		2816	0.939		280.7	
4	9.611		446			1.408		448		
	9.165		446			0.960		451		
	8719		89.2			0.509		89.9		
	27495	9.165		2671		2877	0.959		370.1	
5	9.061		371			1.622		372		
	8.690		370			1.250		372		
	8320		74.1			0.878		74.4		
	26071	8690		4415		3750	1.250		4445	
		43537					5922			

Points 0.0 to 21.4

F.B. 12222 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. W. Klemeck Weather ..... Inst. No. 50016
Notes by G W K Time ..... Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. D-6A To S.M. D-6B
Date 12-12-'45
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
6	9.170 8.799 8.427 26.396	43.537 8.799	37.1 37.2 74.3	44.5 515.8	L-3	1.378 1.002 0.629 3.009	5.022 1.003	37.6 37.3 74.9	44.5 519.4	Forward Run Cont'd from pg. 223
7	9.252 8.882 8.511 26.645	8.882	37.0 37.1 74.1	589.9		1.392 1.020 0.648 3.060	1.020	37.2 37.2 74.4	593.8	
8	9.015 8.642 8.270 25.927	8.642	37.3 37.2 74.5	664.4		1.650 1.277 0.902 3.829	1.276	37.3 37.5 74.8	668.6	
9	8.804 8.435 8.064 25.303	8.434	36.9 37.1 74.0	738.4		1.887 1.511 1.140 4.538	1.513	37.6 37.1 74.7	743.3	H. E. H. 12/26/45
10	9.229 8.859 8.487 26.575	8.858	37.0 37.2 74.2	812.6		1.585 1.210 0.838 3.633	1.211	37.5 37.2 74.7	818.0	
		87.152					11.945			Cont'd on pg. 225

F.B. 1200 PG. 224

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 J.W. Merrick Weather ____ Inst. No. 5010
Notes by F.W.K. Time ____ Rod No. L-3 & L-4

Name Eng. Cont. - Fair Oaks
Job No. 4919
From Sta. D-6 To Sta. D-32
Date 12-12-42
Indexed A. C. Jones

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	1.492 9.122 8752 27366	9.122	370 370 74.0	812.6 8866	68	1.330 0.958 0.582 2.870	0.957	37.2 37.6 74.8	819.0 8928	Forward Run Cont'd from p. 224
12	9.560 9.143 8.827 27580	9193	372 371 74.3	960.9		1.469 1.041 0722 3289	1096	371 376 74.7	9675	Summation of B.S. From Sta. "Sta. 0" or D-4" to " " " D-6"
13	9.370 9.000 8629 26999	9000	370 371 74.1	1035.0		1.491 1.120 0448 3059	1120	371 372 74.3	1041.8	Total Backsights = + 12.33 " Foresights = - 11.316 Dif. in Elevation = + 1.012
14	9.006 8.635 8260 25903	8634	371 373 74.4	1109.4		1.548 1.171 0800 3519	1173	377 371 74.8	1116.6	See page 223 for 2nd Forward Sum.
15	9.082 8.739 8397 26212	8737	348 348 69.1	1172.5	60°F	2.054 1.705 1.355 5114	1705	349 350 69.9	1186.5	H.I. 12/2 14
		131.838					17996			

F.B. 12 PG. 224

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. W. Hayward Weather Clear Inst. No. Sauls
Notes by J. J. Lanigan Time 9:35 - 10:45 Rod No. L-3 & L-4

Name Resd. Cor. - Simi Medio
Job No. 4919
From S.M. D-69 To S.M. D-68
Date 12-13-45
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
15	2.114 1.768 1.419		34.6 34.9 69.5		L-3	9.148 8.798 8.448		34.8 35.0 69.8		Backward Run
	5.301	1.767		69.5	52°	26.398	8.799		69.8	
14	1.791 1.394 2.954		37.5 37.3 74.8			9.160 8.790 8.418		37.0 37.2 74.2		
	6.139	2.046		144.1		26.368	8.789		144.0	
13	1.643 1.272 0.902		37.1 37.0 74.1			9.528 9.154 8.781		37.4 37.3 74.7		H.E. 4/26/45
	3.817	1.272		218.2		27.463	9.154		218.7	
12	1.583 1.212 0.842		37.1 37.5 74.6			9.684 9.311 8.939		37.3 37.2 74.5		
	3.637	1.212		292.8		27.934	9.311		293.2	
11	1.465 1.094 0.722		37.1 37.2 74.3			9.634 9.262 8.891		37.2 37.1 74.3		
	3.281	1.094		367.1		27.787	9.262		367.6	
		6.673				452.151				cont'd on pg. 227

F.B. 1202 PG. 224

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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 E.A. Heinecke Weather Clear Inst. No. 50010
Notes by J.J. Lanigan Time Rod No. L-2 & L-4

Name Gard. Cont. Sta. & Ind.
Job No. 4010
From Sta. D-64 To [illegible]
Date 12-13-42
Indexed A. C. Jan

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
	1.691	6.673	37.1	366.6	L-3	9.340	4.581.5	37.2	367.6	Lockwood Ranch
	1.330		37.3			8.968		37.4		Contd from p. 21
	3.956	1.319	74.4	441.3		8.594	8.967	74.6	404.2	
	2.018		37.3			8.941		37.4		
	1.645					8.568		37.3		
	1.269					8.195				
	4.932	1.645		515.7		25.132	8.458		576.2	
	1.482		37.2			9.189		37.3		
	1.109		37.2			8.816		37.2		
	2.591		74.4			8.443		74.5		
	5.182	1.050		590.1		26.448	8.816		592.4	HI H. 21.6
	5.858		37.2			9.480		37.4		
	1.843		37.1			9.107		37.5		
	0.872		74.3			8.734		74.9		
	8.573	1.238		664.4		27.233	9.078		668.8	
	1.464		37.2			9.399		37.2		
	1.091		37.1			9.027		37.3		
	0.718		74.3			8.654		74.5		
	3.673	1.231		738.7		27.080	9.027		740.3	
		13.531					89.771			Cont'd on p. 22

F.B. 12000 PG. 222

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 Carl Hammon Weather Clear Inst. No. Wild
Notes by J. Corrigan Time Rod No. 2 4L-4

Name Foothill - Sierra Madre
Job No. 4919
From SM. D-6A To SM. D-6B
Date 12-13-45
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
5	1.787 1.414 1.042 4.243	3.531	37.3 37.2 74.5	738.7	L-3	9.230 8.857 5.488 23.575	8.771	37.4 37.4 74.8	814.9	Backsight Run. Cont'd from pg. 227.
4	5.238 1.679 2.480 9.397	3.799	44.9 44.2 89.1	913.8		7.732 2.995 5.539 16.266	4.066	44.7 44.5 89.2	904.2	Note: Fd. a rod level out of adjustment in this run, probably causing unusually wide difference bet. Ist and 1st forward run. See pg. 228 for 3rd Run.
3	1.624 4.179 3.733 9.536	3.973	44.5 44.9 89.4	992.4		9.445 5.999 5.550 20.994	5.249	44.7 44.7 89.4	994.1	Summation of Run Trad. to Sierra Madre D-6B
2	2.050 1.502 1.157 4.706	2.932	49.6 49.9 99.5	1082.0		9.922 9.511 8.012 27.445	6.861	44.6 44.8 89.4	993.4	to " " " " 3-4-49
F.B. 1200 PG. 226 1	1.793 1.242 0.990 4.025	3.006	50.5 50.3 100.8	1182.8	52° F	9.219 8.721 8.202 26.142	8.714	49.8 49.9 99.7	1183.1	Total Backsight = + 20.288 " Foresight = -134.149 Diff. in Elevation = - 113.861 H. E. H. 12/26/45
		20.288					134.149			

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 .....
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. ..... 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.W. Hancock Weather Partly Cloudy Inst. No. 5210
Notes by G.W.H. Time Rod No. L-3 & L-4

Name Geod. Dist. - Sierra Madre
Job No. 4919
From 7N 2-6A To 6N 2-6A
Date 12-13-45
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	9.109 8.610 6.111 25.830	8.610	49.9 49.8 99.7	99.8	L-3	1.980 1.373 0.876 4.229	1.376	50.4 50.3 100.7	100.5	3ED RUN. Forward Run.
2	9.117 8.468 7.820 25.405	8.467	64.9 44.8 89.7	89.6		2.007 1.561 1.103 4.671	1.557	45.1 44.6 89.7	89.7	See Aug. 223 & 226 for other Runs.
3	9.320 8.875 6.425 26.620	8.873	45.0 44.5 89.5	89.5		1.501 1.057 0.603 3.161	1.053	44.8 44.6 89.4	89.4	H.C.H 12/26/45
4	9.660 9.211 8.765 27.636	9.212	44.9 44.6 89.5	89.5		1.450 1.007 0.559 3.016	1.008	44.3 44.5 88.8	88.8	
5	9.161 8.791 8.421 26.373	8.791	37.0 37.0 74.0	74.0		1.177 1.311 0.943 4.044	1.011	37.3 37.6 74.9	74.9	
		439.72		447.0			6.048		454.1	

F.B. 1200 PG. 230

Contd on pg. 221

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.W. Kleinecke Weather Partly Cloudy Inst. No. 50010
Notes by F.W.K. Time / Rod No. L-3 & L-4

Name Grad Cont - Tr 10 Moore
Job No. 4919
From 5+77.26 To 9+22.62
Date 12-13-46
Indexed A. C. Jones

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	9.252	43.952	37.1	44.20	L-3	1.460	6.333	37.2	445.1	3RD Cont.
	8.881		37.1			1.088		37.6		
	8.510		74.2			0.712		74.8		Forward Run
	26.643	8.881		516.2		3.260	1.087		519.9	Cont'd from pg. 30
7	9.350		37.0			1.490		37.1		
	8.980		37.0			1.119		37.7		
	8.610		74.0			0.742		74.8		
	26.940	8.980		590.2		3.351	1.117		594.7	
8	9.181		37.3			1.812		37.2		
	8.808		37.5			1.440		37.3		
	8.433		74.8			1.067		74.5		K E H 12/6/46
	26.422	8.807		616.0		4.319	1.440		669.2	
9	8.891		37.0			1.975		37.4		
	8.521		37.0			1.601		37.2		
	8.151		74.0			1.229		74.6		
	25.563	8.521		739.0		4.805	1.602		743.8	
10	9.210		37.0			1.568		37.7		
	8.840		37.1			1.191		37.2		
	8.469		74.1			0.819		74.9		
	26.519	8.840		813.1		3.578	1.193		818.7	
		87.981					17.772			Cont'd on Pg.

F.B. 2000 PG. 231

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.W. Klaineck Weather ..... Inst. No. 50010
Notes by G.W.K. Time ..... Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM D-6A To SM D-6B
Date 12-13-45
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
11	9.561 9.190 8.820 27.571	87.981 9.190	37.1 37.0 74.1	813.1 887.2	L-3	1.398 1.022 0.650 3.070	12.772 1.023	37.6 37.2 74.8	818.7 893.5	3RD RUN. Forward Run Contd from pg. 231
12	9.571 9.201 8.831 27.603	9.201	37.0 37.0 74.0	961.2		1.479 1.103 0.730 3.312	1.104	37.6 37.3 74.9	968.4	
13	9.410 9.040 8.669 27.119	9.040	37.0 37.1 74.1	1035.3		1.531 1.160 0.789 3.480	1.160	37.1 37.1 74.2	1042.6	Summary of Run Trav. Sta. Sierra Madre D-6A
14	9.080 8.710 8.340 26.130	8.710	37.0 37.0 74.0	1109.3		1.621 1.249 0.875 3.745	1.248	37.2 37.4 74.6	1117.2	to " " " " D-6B Total Backsights = + 132.892 " Foresights = − 19.047
15	9.117 8.770 8.423 26.310	8.770 132.892	34.7 34.7 69.4	1178.7	56.6	2.089 1.740 1.390 5.219	1.740 19.047	34.9 35.0 69.9	1187.1	Diff. in Elevation = + 113.845 H.E.H 12/26/45

F.B. 1200 PG. 232

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 Gus Meineck Weather Fair Inst. No. 50010
Notes by G.M.K. Time 3:05 - 3:25 PM Rod No L-3 & L-4

Name Geod. Cont. Jamboree
Job No. 4919
From S.M. D-69 To V.D-6
Date 12-11-45
Indexed A. Co. Jones

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	7.557 6.611 5.860		75.1 75.1 150.2		L-3	3.712 2.963 2.218		74.9 74.5 149.4		Forward Run
	19.833	6.611		150.2	62°F	8.893	2.964		149.4	
2	7.951 7.205 6.459		74.6 74.6 149.2			3.781 3.030 2.281		75.1 74.9 150.0		Turning Point Trav. Sta. Stone 6" sq. 9"
	21.615	7.205		299.4		9.092	3.031		299.4	to D-
3	8.029 7.281 6.527		75.1 74.9 150.0			3.793 3.048 2.299		74.5 74.9 149.4		Total Backs. Ft. = 34.660 ✓ " Fore. " = 16.979 ✓ Diff. in Elev. = 17.681 ✓
	21.837	7.279		449.4		9.140	3.047		448.8	
4	7.939 7.191 6.441		74.8 75.0 149.8			3.747 2.999 2.250		74.8 74.9 149.7		H.E.H. 72.11
	21.571	7.190		599.2		8.996	2.999		598.5	
5	6.918 6.365 5.917		45.3 45.3 90.6			5.370 4.933 4.506		43.1 43.3 86.4		
	19.095	6.365		689.8	60°F	14.815	4.938		684.9	
		34.660 ✓					16.979 ✓			

F.B. PG. 233

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.W. Kleineck Weather Partly Cloudy Inst. No. 50010
Notes by J. Lanigan Time 3:25 - 3:50 PM Rod No. L-3 + L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From S.M. D-6A To S.M. D-6
Date 12-11-'45
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	5.410		44.0		L-3	6.842		44.2		Backward Run
	4.970		44.0			6.400		44.7		
	4.530		88.0			5.953		88.9		
	14.910	4.970		88.0	60°F	19.195	6.398		88.9	
4	3.769		74.9			7.959		74.9		
	3.020		74.9			7.210		74.9		
	2.271		149.8			6.462		89.3		
	9.060	3.020		237.8		21.631	7.210		238.6	
3	3.870		74.9			8.110		75.1		Summation of Run
	3.121		75.0			7.359		75.0		Tran. Sta. "Sierra Madre D-6"
	2.371		149.9			6.609		150.1		to " " " " " D-6A"
	9.362	3.121		387.7		22.078	7.359		388.7	
2	3.820		74.9			7.993		74.7		Total Backsights = + 17.334
	3.071		75.0			7.246		75.0		" Foresights = - 35.012
	2.321		149.9			6.496		149.7		Diff. in Elevtn = - 17.678
	9.212	3.071		537.6		21.735	7.245		538.4	
1	3.903		75.0			7.549		74.9		H.E.H. 12/26/45
	3.151		74.8			6.800		74.9		
	2.403		150.0			6.051		149.8		
	9.457	3.152		687.0	60°F	[illegible]	[illegible]		688.2	
		17.334					35.012			

F.B. 1200 PG. 234

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.W. Kleineck Weather Fair Inst. No. 50010
Notes by G.W.K. Time 230-335 PM Rod No. L-3 + L-4

Name Geod. Cont. - Sta. Madr.
Job No. 4919
From S.M. F-6B To [illegible] F-6A
Date 12-12-45
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
1	2.271 1.928 1.580 5.779	1.926	34.3 34.8 69.1	69.1	L-3 60°F	9.210 8.863 8.519 26.592	8.864	34.7 34.4 69.1	69.1	Forward Run
2	1.227 0.754 0.282 2.263	0.754	47.3 47.2 94.5	163.6		10.090 9.615 9.140 28.845	9.615	47.5 47.5 95.0	164.1	
3	1.477 1.002 0.530 3.009	1.003	47.5 47.2 94.7	258.3		10.131 9.661 9.189 28.981	9.660	47.0 47.2 94.2	258.3	H.E.H. 12/[illegible]/45
4	1.184 0.712 0.242 2.138	0.713	47.2 47.0 94.2	352.5		10.060 9.590 9.118 28.768	9.589	47.0 47.2 94.2	352.5	
5	1.299 0.821 0.349 2.469	0.823	47.8 47.2 95.0	447.5		10.140 9.669 9.194 29.003	9.668	47.1 47.5 94.6	447.1	
		5.219					47.396			

Contd on pg 232.

F.B. 1200 PG. 225

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.W. Heuneck Weather Fair Inst. No. 50010
Notes by F.W.K. Time Rod No. L-3 & L-4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SM F-6B To SM F-6A
Date 12-12-45
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
6	1.742 1.270 0.797 3.809	1.270	47.2 47.3 94.5	542.0	L-3	9.770 9.299 8.827 28.896	9.299	47.1 47.2 94.3	541.4	Forward Sum. Cont'd from pg. 231
7	1.490 1.019 0.543 3.052	1.017	47.1 47.6 94.7	636.7		9.838 9.361 8.890 28.089	9.363	47.2 47.1 94.8	636.2	
8	1.426 0.951 0.480 2.857	0.952	47.5 47.1 94.6	731.3		10.031 9.560 9.089 28.680	9.560	47.1 47.1 94.2	730.4	H.E.H. 12/26/45
9	1.299 0.825 0.351 2.475	0.825	47.4 47.4 94.8	836.1		9.820 9.346 8.870 28.036	9.345	47.4 47.6 95.0	825.4	
10	1.330 0.860 0.390 2.580	0.860	47.0 47.0 94.0	920.1		9.890 9.418 8.941 28.249	9.416	47.2 47.7 94.9	920.3	
		10.143					94.329			Cont'd on pg. 233

F.B. 1200 PG. 236

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.W. Heineck Weather Inst. No. 50010
Notes by J.W.H. Time Rod No. L-3 & L-4

Name Geod. Cont. - Z nn Mo
Job No. 4919
From SM F-63 To SM F-64
Date 12-12-45
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
11	1.630	10.143	470	920.1	L-3	9.938	10.379	474	920.3	Forward Run Contd from pg 32
	1.160		472			9.464		474		
	0688	✓	94.2			8.990	✓	94.8		
	3.478	1.159		1014.3		28.392	9.464		1015.1	
12	1.568		469			9.679		475		Summation of Z on Trav. Sta. Sierra Sta. SM F-63
	1.099		473			9.204		474		" " " SM F-64
	0626	✓	94.2			8.730	✓	94.9		
	3.293	1.098		1108.5		27.613	9.204		1110.0	
13	2.293		374			9.122		380		Total Backsight = + 14.317 ✓
	1.919		379			8.742		380		" Foresight = - 121.789 ✓
	1540		75.3			8.362		76.0		Diff in Elevs = - 107.472 ✓
	5752	1.917		1183.8	58°F	26.226	8.742		1186.0	
										H.E.H 12/16/45
		14.317					121.789			

F.B. 1200 PG. 37

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.W. Kleineck Weather Partly Cloudy Inst. No. 50010
Notes by G.W.K. Time 1:00-2:10 P.M. Rod No. L3 + L4

Name Geod. Cont. - Sierra Madre
Job No. 4919
From SMD-6A To SMD-6B
Date 12-13-45
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	9.109 8.610 8.111 25.830	8.610	49.9 49.9 99.8	99.8	L3 58°F	1.880 1.373 0.870 4.123	1.374	50.7 50.3 101.0	101.0	3RD RUN. Forward Run
2	8.912 8.468 8.020 25.400	8.467	44.4 44.8 89.2	189.0		2.002 1.551 1.103 4.656	1.552	45.1 44.8 89.9	190.9	
3	9.320 8.870 8.425 26.615	8.872	45.0 44.5 89.5	278.5		1.501 1.051 0.603 3.155	1.052	45.0 44.8 89.8	280.7	
4	9.660 9.211 8.765 27.636	9.212	44.9 44.6 89.5	368.0		1.454 1.007 0.559 3.020	1.007	44.7 44.8 89.5	370.2	
5	9.161 8.791 8.421 26.373	8.791	37.0 37.0 74.0	442.0		1.722 1.349 0.973 4.044	1.348	37.3 37.6 74.9	445.1	
		439.52					6.333			Cont'd on pg 1

F.B. 200 PG. 238

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.W. Hamilton Weather Cloudy Inst. No. 50010
Notes by J.J. Lanigan Time 2:20 – 3:25 P.M. Rod No. L-3 & L-4

Name Geodetic Control
Job No. A919
From TN F-6 To TN F-6
Date 12-15-41
Indexed C. Jones

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
15	9.155 8.779 8401		37.6 37.5 75.4		L-3	2.330 1.952 1.575		37.8 37.7 75.5		Backward Rod.
	26.335	8.779		75.4	56°F	5.857	1.952		75.5	
12	9.647 9.173 8.733		47.4 47.2 94.6			1.540 1.069 0.597		47.1 47.2 94.3		
	27.553	9.184		94.6		3.206	1.069		189.8	
11	9.710 9.999 9.033		47.1 47.5 94.6			1.655 1.199 0.744		47.6 47.1 94.7		HEMET
	28.742	9.247		94.7		3.598	1.199		189.4	
10	9.950 9.493 9.010		47.5 47.3 94.8			1.461 0.990 0.519		47.1 47.1 94.2		
	28.453	9.484		94.8		2.970	0.990		188.4	
9	9.956 9.493 9.010		47.5 47.3 94.8			1.474 0.994 0.514		47.4 47.2 94.6		
	28.459	9.484		94.8		2.982	0.994		189.2	
		46.480					5.160			

F.B. 1900 PG. 2

Contd on 10 p 2

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. W. Kilpatrick Weather Clear Inst. No. 50010
Notes by J. J. Lanigan Time Rod No. L-32 L-4

Name Geod. Cont. Sierra Madre
Job No. 291
From SM F-6B To SM F-6A
Date 12-13-48
Indexed [illegible]

F.B. 1200 PG. 240

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	10.330 / 9.783 / 9.330 / 29.443	9.814	54.7 / 54.7 / 54.7	164.1	.3	1.427 / 0.880 / 0.333 / 2.640	0.880	54.7 / 54.7 / 54.7	164.1	Backsight on Cont. Control from pg. 239
7	9.812 / 9.040 / 28.538	9.513	47.2 / 47.1 / 94.3	643.7		0.844 / 0.297 / 1.141	0.297	54.7 / 54.7 / 109.4	642.6	
6	9.733 / 9.338 / 9.091 / 28.162	9.387	39.5 / 39.3 / 78.8	592.9		1.723 / 1.176 / 0.629 / 3.528	1.176	54.7 / 54.7 / 109.4	588.5	H.E.H. 12/6/48
5	10.251 / 9.781 / 9.309 / 29.341	9.780	47.0 / 47.2 / 94.2	733.5		1.469 / 0.922 / 0.375 / 2.766	0.922	54.7 / 54.7 / 109.4	732.9	
4	10.172 / 9.722 / 9.250 / 29.144	9.722	47.2 / 47.3 / 94.5	927.9		1.317 / 0.845 / 0.373 / 2.535	0.847	47.2 / 47.3 / 94.5	927.4	
		94.363					11.347			Cont'd on pg. 241

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 .....
Job No. 2019
From S.M.F.6B To F.M.A
Date 12-13-45
Indexed .....

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
3	2.229 / 2.182 / 2.135	2.182 ✓	97.5 / 47.3 / 49.9	194.7		1.656 / 1.559 / 1.462	1.559 ✓	97.1 / 97.5	194.6	Direction ✓ / Course from 2 to 240
	6.546	6.546 ✓		194.7	1.3	4.677	4.677 ✓		194.6	
	10.165 / 9.993 / 9.820	9.993 ✓	34.2 / 34.5 / 34.6	103.3		1.385 / 0.931 / 0.359	0.832 ✓	47.1 / 47.3	94.4	Summation of Backsights = F67 / Foresights = F63
	29.978	29.979 ✓		1116.3		2.675	2.675 ✓		1116.4	
	9.333 / 9.295 / 9.257	9.295 ✓	34.6 / 37.8 / 37.7	110.1	DF	2.392 / 2.015 / 1.638	2.015 ✓	37.7 / 37.7	75.4	Total Backsights = 122.795 ✓ / " Foresights = 15.323 ✓ / Diff. in Elevation = 107.472 ✓
										H.E.H 2/24/45
				1185.9					1185.6	
		122.795 ✓					15.323 ✓			

F.B. ..... PG. 94-1

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.....
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. 1200 PG. 244

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.W. Kleineck Weather Fair Inst. No. 50010
Notes by GWK Time 10 A.M. Rod No. L-3 + L-4

Name Good. Cont. Sierra Madre
Job No. 4919
From S.M. F-59 To L.M.*
Date 11-28-45
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
1	7.310 7.185 7.060 21.555	7.185	12.5 12.5 25.0	25.0	L-3 70°F	3.303 3.162 3.021 9.486	3.162	14.1 14.1 28.2	28.2
			*	*		*	*	*	
	3.447 3.305 3.163 9.915	3.305	14.2 14.2 28.4	28.4	L-3 70°F	7.452 7.328 7.203 21.983	7.328	12.4 12.5 24.9	24.9

DESCRIPTION AND REMARKS

* B.M. (City of Sierra Madre) Iron pipe cap 2" ± in dia., in a well in conc. walk N.W. Cor. of Sierra Madre Blvd + Baldwin Ave.
Adopted Elev. 830.162'
Forward Run
Backsight = + 7.185
Foresight = + 3.162
Diff = + 4.023

Backward [illegible]
Backsight = + 3.[illegible]
Foresight = + 7.[illegible]
Diff. = + 4.[illegible]23

H E H.
12/26/4[illegible]

F.B. [illegible] PG. 243

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.W. Kleinau Weather Unsettled Inst. No. 50010
Notes by G.W.K. Time 1:30 P.M. Rod No. L-3 & L-4

Name Geod. Cont. Sierra Madre
Job No. 4919
From SM. E-A To L.A.C.F.C. B.M. *
Date 11-29-'45
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5.336 5.225 5.113 15674	5225	11.1 11.2 22.3	22.3	L-3 60°F	1.985 1.865 1.945 5.795	1.865	12.0 12.0 24.0	24.0	Forward Run. Backsight = +5.225 Foresight = -1.865 Diff = +3.360
		*		*	*		*	*		*
1	1.841 1.724 1.605 5170	1723	11.7 11.9 23.6	23.6		5.195 5.081 4.969 15245	5.082	11.4 11.2 22.6	22.6	Backward Run. Backsight = + 1.723 Foresight = - 5.082 Diff. = - 3.359
										* L.A.C.F.C. B.M. = Spk. & T. in P.P. #516205E at Bailey Cn Wash N/S of Carter Ave. at Lima St. H.E.H. 12/26/45

F.B. 1200 PG. 244

Adopted Elev. 1087.983'

595

Notes Ck'd by	Survey of [illegible]
Map No.	W. O. 4919 Tape No. Std °F
Office Work	Surveyed by G.H. Klemeck
Checked	Notes GWK Date Dec '45
Date	Indexed 12-19-45

F.B. 1200 Pg. 245

DESCRIPTIONS

Metropolitan Water Dept. Bench Marks.
—— Sierra Madre.

BM. #53-P. Sierra Madre, Calif., 1.3 miles E. of, 4' W. of Santa Anita Blvd., at a point 700' N. of its intersection with Central Ave., (Sierra Madre Blvd.) 50' N. of house.
A std bronze disk set in conc. post.
Elev. 707.778.

BM. #53 Q Sierra Madre, 1.0 mile E. of, 0.2 mile S. of Grand View Ave., 400' W. of wash, 20' E. of Flood Control spreading ground. A std bronze disk set in conc. post and surrounded by fence, 100' S.W. of house.
Elev. 701.240.

BM. #53-R. At Sierra Madre, 150' S.W. of the intersection of N. Mountain Trail and Highland Ave., at the end of the Pacific Elect. R.R. tracks, 30' S.W. of power-line pole #129973-E, 20' W. of and 4' above N. Mountain Trail. A std bronze disk set in a conc. post and protected by 2 2x4" upright posts.
Elev. 816.143.

See next page

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.
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
FORM 247 5M 12-40

F.B. 1200 PG. 246

B.M. Descriptions Cont'd from preceding page.

B.M. # 53.5 At Sierra Madre, 100' N.E. of the intersection of Highland Ave. and Hermosa St., in the S.W. Cor. of the Sierra Madre School Bldg., set in vertical face of wall 3' above ground surface. A 3/4" bronze disk set in vertical wall

Elev 919.838

B.M. # 53-T. Sierra Madre, 0.9 mile N.W. of, 40' S.E. of the intersection of Highland Ave. and Sierra Madre Blvd., 45' S. of power line pole # [illegible], A 5/8" dia. set in conc. post and protected by 2 3"x4" redwood posts

Elev. 959.848

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

Notes Ck'd by	Survey of [illegible]	F.B. [illegible] Pg. [illegible]
Map No.	W. O. 4919 Tape No. Std °F	
Office Work	Surveyed by G.W. Kleinecke	
Checked	Notes GWK Date 1945	
Date	Indexed	

DESCRIPTIONS

FOR

GEODETIC CONTROL STATIONS.

Sierra Madre - Calif.

SIERRA MADRA D-4.

On the production of a line from trav. Sta. S.M. E-4A, thru trav. Sta. S.M. D-4A and 59.5'± there from, D-4A being about 2.5' N. and 20' E. of intersection of ℄s of Michillinda Blvd. and Grand View Ave.

A std. triangulation tablet set in conc. 15" below ground surface.

MWD Adopted Elev. 1019.425'✓
L.A.Co. 1953 Adj Elev. 1019.322✓.

SIERRA MADRA D-4A.

About 2.5' N. and 20' E. of the intersection of the ℄s of Michillinda Blvd and Grand View Ave.

A std. traverse tablet set in conc. 3" below subgrade of this sheet, in a well.

MWD Adopted Elev. 1019.120'✓
L.A.Co. 1953 Adj. Elev: 1019.017✓

SIERRA MADRA D-4B.

In a dirt road in a field near the ℄ of Michillinda Blvd produced North, 117' W. of E. curb line produced N. and 119.8' N. of ℄ of Fairview Ave.

A std. traverse tablet set in conc. 10' below ground surface.

MWD Adopted Elev. 1140.398'✓
L.A.Co. 1953 Adj Elev: 1140.295✓

SIERRA MADRA D-5.

At the intersection of Michillinda and Sierra Madre Blvd., 23.4' W. of E. curb line of Michillinda Blvd. produced S. and

Contd top of pg. 248.

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.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 12-40

F.B. 1200 Pg. 248 Contd from bot. pg. 247.

9.5' N. from N. rail of P.E. Cwy. tracks.
A std traverse tablet set in conc. in a well. MWD Adopted Elev. 900.714'✓
L.A.Co. 1953 Adj. El. 900.611✓

SIERRA MADRE D-6A.

At the intersection of ℄s of Foothill & Michillinda Blvds.
A Cut spike & W. set in conc. pavement.
MWD Adopted Elev. 676.578'
L.A.Co. 1953 Adj. 676.475✓

SIERRA MADRA D-6B.

At the intersection of ℄s of Michillinda Blvd. & Orange Grove Ave.
A std traverse tablet set in conc. in a well. MWD Adopted Elev. 790.424'✓
L.A.Co. 1953 Adj. Elev 790.321✓

SIERRA MADRA E-4.

8.2' N. of and 2.5' E. of intersection [illegible]
A std. [illegible] in a well. MWD Adopted Elev. 1084.623'✓
L.A.Co. 1953 Adj Elev 1084.520✓

SIERRA MADRA E-4A.

23.4' E. of [illegible] curb of [illegible] produced N. [illegible] 8.9' N. [illegible] View Ave. produced E.
A std traverse tablet set in conc. in a well. MWD Adopted Elev. 978.992'✓
L.A.Co. 1953 Adj. Elev. 978.889✓

SIERRA MADRE E-5.

In Sierra Madre Blvd., 26.0' N. of the S. Curb and 24.1' E. of a northerly prolongation of the E. edge of [illegible] Park Ave.
A std traverse tablet set in conc. in a well.
MWD Adopted Elev. 881.202✓
L.A.Co. 1953 Adj. Elev. 881.099✓

SIERRA MADRA E-5A.

At the intersection of Sierra Madre Blvd. and Lima St., 17.1' W. of the E. curb of Lima St. produced S. and 29.5' S. of the [illegible]
Contd on top of pg. 249.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 [illegible]	F.B. [illegible] Pg. [illegible]
Map No.	W. O. 4919 Tape No. Std °F	
Office Work	Surveyed by G.W. Kleineck	
Checked	Notes [illegible] Date 1945	
Date	Indexed [illegible]	

[illegible]

N. curb of [illegible] Madre Blvd. produced [illegible]

A Std traverse tablet set in conc. in a well

MWD Adopted Elev. 872.176' ✓

L.A.Co. 1953 Adj. Elev. 872.073 ✓

SIERRA MADRE E-6.

At the intersection of ℄s of Orange Grove Ave. and [illegible] St.

A Std traverse tablet set in conc. in a well

MWD Adopted Elev. 779.622' ✓

L.A.Co. 1953 Adj. Elev. 779.519 ✓

SIERRA MADRE E-6A.

[illegible] ℄ of Park Ave.

A Std traverse tablet set in conc. in a well.

MWD Adopted Elev. 794.701' ✓

L.A.Co. 1953 Adj. Elev. = 794.598 ✓

SIERRA MADRE F-4.

23.0' E. of the W. curb of N. Baldwin Ave. produced N. and 7.0' S. of the N. curb of Grand View Ave. produced E.

A Std traverse tablet set in conc. in a well.

MWD Adopted Elev. 939.236' ✓

L.A.Co. 1953 Adj. Elev. = 939.133 ✓

SIERRA MADRE F-4A.

21.6' E. of the W. curb of N. Baldwin Ave. produced N. and 11.6' N. of the S. curb of Carter Ave. produced E.

A Std traverse tablet set in conc. in a well.

MWD Adopted Elev. 1056.386' ✓

L.A.Co. 1953 Adj. Elev. = 1056.283 ✓

SIERRA MADRE F-4B

21.3' N. of the S. curb of Carter Ave. and 15.1' E. of the W. curb of N. Hermosa Ave. produced S.

A Std traverse tablet set in conc. in a well.

MWD Adopted Elev. 1133.988' ✓

Contd at the top of pg. 250

L.A.Co. 1953 Adj. Elev. = 1133.885 ✓

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.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 12-40

F.B. 1200 PG. 250

Cont'd from the bot. of pg. 249

SIERRA MADRE F-5.

26.2' N. from the S. curb of Sierra Madre Blvd., and 18.4' W. from the E. curb line of Auburn Ave. produced S.

A std traverse tablet set in conc. in a well.

MWD Adopted Elev. 848.550' ✓
L.A.Co. 1953 Adj. Elev. = 848.447 ✓

SIERRA MADRE F-5A.

26.3' W. of the E. curb line of Baldwin Ave. produced S., and 22.1' S. from the N. curb line of Sierra Madre Blvd. produced W.

A std traverse tablet set in conc. in a well.

MWD Adopted Elev. 826.139' ✓
L.A.Co. 1953 Adj. Elev. 826.036 ✓

SIERRA MADRE F-6.

In Foothill Blvd. about 0.15 mile W. of Baldwin Ave., 26.0' S. from the N. curb of Foothill Blvd., and 275.0' W. of approx. ℄ of [illegible] Ave.

A std traverse tablet set in conc. in a well.

MWD Adopted Elev. 651.112' ✓
L.A.Co. 1953 Adj. Elev. = 651.016 ✓

SIERRA MADRE F-6A.

On the approximate ℄ of Baldwin Ave. and 27.1' N. of the S. curb of Foothill Blvd.

A std traverse tablet set in conc. in a well.

MWD Adopted Elev. 633.569' ✓
L.A.Co. 1953 Adj. Elev. 633.463 ✓

SIERRA MADRE F-6B.

8.0' N. of and 2.3' E. of the intersection of ℄s of S. Baldwin Ave. and Orange Grove Ave.

A std traverse tablet set in conc. in a well.

MWD Adopted Elev. 741.041' ✓
L.A.Co. 1953 Adj. Elev. = 740.938 ✓

SIERRA MADRE G-4A.

8.0' N. and 17.2' W. of the intersection of ℄s of E. Grand View and Cañon Ave's.

A std traverse tablet set in conc. in a well.

MWD Adopted Elev. 842.477 ✓
L.A.Co. 1953 Adj. Elev. = 842.374 ✓

SIERRA MADRE G-5.

9.5' E. and 2.5' N. of the intersection of ℄s of Sierra Madre Blvd. and Cañon Ave.

Cont'd at top of pg. 251.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
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 [illegible]	F.B. 1200 Pg. 251
Map No.	W. O. 4919 Tape No. Std °F	
Office Work	Surveyed by G.W. Kleineck	
Checked	Notes GWK. Date	
Date	Indexed	

Contd from bot. of pg. 250.

A Std traverse tablet set in conc. in a well.

MWD Adopted Elev. 739.246' ✓
L.A.Co. 1953 Adj. Elev. 739.138 ✓
SIERRA MADRE G-6.

In Foothill Blvd, about 0.75 mile W. of Santa Anita Ave., and 0.5 E. of Baldwin Ave., 28.0 N. from S. curb of Foothill Blvd. and 41.2' W. from approx. ℄ of driveway to Geo. E. Burnell residence (house #290) produced N'ly.

A Std traverse tablet set in conc. in a well.

MWD Adopted Elev. 591.461' ✓
L.A.Co. 1953 Adj. Elev. 591.461 ✓
SIERRA MADRE G-6A.

In Orange Grove Ave., near center of street, about 0.5 mile E. of Baldwin Ave., and on Southerly production of Cañon Ave.

A Std traverse tablet set in conc. in a well.

MWD Adopted Elev. 663.343' ✓
L.A.Co. 1953 Adj. Elev. 663.198 ✓
SIERRA MADRE H-4. See 1200-304

18.2' N. of the S. curb of E. Grand View Ave. and 9.1' E. of the W. curb line of Foothill Ave. produced S.

A Std traverse tablet set in conc. in a well.

MWD Adopted Elev. 739.195' ✓
L.A.Co. 1953 Adj. Elev. 739.092 ✓
SIERRA MADRE H-5.

18.0' N. from the S. curb of Sierra Madre Blvd., and about 8.9' W. from the Sierra Madre - Arcadia City Bdy. Line.

A Std traverse tablet set in conc. in a well.

MWD Adopted Elev. 666.669' ✓
L.A.Co. 1953 Adj. Elev. 666.566 ✓
SIERRA MADRE H-6

In E. Orange Grove Ave., near the Sierra Madre - Arcadia City Bdy., 330' W. of the ℄ of Rodeo Road, near the center of the street.

L.A.Co. 1953 Adj. Elev = 614.915 ✓

A Std traverse tablet set in conc. in a well.

MWD Adopted Elev. 615.035' ✓ Contd at the top of pg. 252.

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.

RETURN TO LOS ANGELES COUNTY SURVEYOR 700 HALL OF RECORDS

FORM 247 5M 12-40

F.B. 1200 PG. 252.

Cont'd from bot. of pg. 251.

SIERRA MADRE I-4.

In E. Grand View Ave. near center of Street, about 20' S. from line of curb to E. and on N. side of Grand View and about 56.5' W. from center of ranch road to the north and 393' W. from W. curb line of Santa Anita Ave.

A std traverse tablet set in conc. in a well

L.A.Co. 1953 Adj. Elev = 815.451 MWD Adopted Elev. 815.554 (1945)

SIERRA MADRE I-4A

In and near the E. side of Santa Anita Ave., at E. Grand View Ave., 18.5' E. of W. curb line of the E. Drive and [illegible] S. of the N. curb line of Grand View Ave. produced eastwardly.

A std triangulation tablet set in conc. in a well.

L.A.Co. 1953 Adj. Elev = 800.508 MWD Adopted Elev. 800.611 (1945)

SIERRA MADRE I-5.

At the [illegible] Santa Anita Ave., 25.8' S. from the N. curb line of Sierra Madre Blvd. produced E., and 18.0' E. from the curb line of W. side of E. drive-way, produced N. [illegible]

A std triangulation tablet set in conc. in a well.

MWD Adopted Elev. 652.467 (1945)

L.A. Co. 1953 Adj. Elev = 652.364

SIERRA MADRE I-6.

At the intersection of E. of Foothill Blvd. and the E. Drive of Santa Anita Ave., 11.5' W. of E. curb line of Santa Anita Ave. produced S. and about 35.0' S. from N. curb line of Foothill Blvd. produced W.

A std triangulation tablet set in conc. in a well.

MWD Adopted Elev. 543.212

SIERRA MADRE I-6A.

L.A. Co. 1953 Adj. Elev = 543.104

18.3' E. of the curb line on the W. side of the E. Drive of Santa Anita Ave. produced N., and 33' S. of approx. ℄ of Orange Grove Ave., produced eastwardly.

A std traverse tablet set in conc. in a well.

L.A.Co. 1953 Adj. Elev = 587.395 MWD Adopted Elev. 587.498 (1945)

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.

See Page 300

Notes Ck'd by		Survey of Geod Cont. Sierra Madre	F.B. 1200 PG. 253
Map No.		W. O. 4819 Tape No.	St'd °F
Office Work		Surveyed by	
Checked		Notes	Date
Date		Indexed	

SIERRA MADRE D-6

In Foothill Blvd between Rosemead Blvd and Sierra Madre Ave., 271.7 ft. easterly from the east curb of Rosemead Blvd. and 17.7 ft southerly from the north edge of Pavement.

A st'd traverse tablet set in Concrete in a well.

MWD Adopted Elev. 694.257'

L.A. Co. 1953 Adj. Elev. 694.154 ✓

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.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 SM 11-61

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

F.B. _____ PG. _____

9d2

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 Emmett Weather Cloudy Inst. No. 50010
Notes by RBE Time 10 AM Rod No. 1-2

Name Sierra Madre
Job No. 4919
From SM I 6 To [illegible]
Date March 6, 19 46
Indexed [illegible] 3-11-46

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	3.846 3.099 2.348 9.293	3.098	.747 .751 1.498	1.498	#1 60°F	8.985 8.235 7.483 24.703	8.234	.750 .752 1.502	1.502	Traverse Sierra Madre I 6 Elev. 513.212 Forward
2	3.111 2.361 1.610 7.082	2.361	.750 .750 1.500	2.998		8.837 8.087 7.336 24.260	8.087	.750 .751 1.501	3.003	
3	3.133 2.384 1.631 7.148	2.383	.749 .753 1.502	4.500		8.635 7.888 7.139 23.662	7.887	.747 .749 1.496	4.499	
4	3.214 2.465 1.718 7.397	2.466	.749 .747 1.496	5.996		8.530 7.780 7.030 23.340	7.780	.750 .750 1.500	5.999	
5	3.462 2.712 1.963 8.137	2.712	.750 .749 1.499	7.495		8.730 7.982 7.230 23.942	7.981	.748 .752 1.500	7.499	H.I. 513.212
	13.020					39.969				

F.B. 1200 PG. 255

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 Emmons H Weather Clear Inst. No. 50010
Notes by RBE Time 1030 A Rod No. 142

Name Sierra Madre
Job No. 4919
From SM I6 To JOAQUIN
Date 3/6/46
Indexed [illegible]

F.B. 1200 PG. 256

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
				7495					7499	
6	3411		750			8660		750		Forward
	2661		750		#2	7910		750		
	1911	✓	1500			7160	✓	1500		
	7983	2661		8995	70°F	23730	7910		8999	
7	3582		750			8089		748		
	2832		749			7341		750		
	2083	✓	1499			6591	✓	1498		
	8497	2832		10494		22021	7340		10497	
8	4372		750			5241		750		
	3622		752			4491		749		
	2870	✓	1502			3742	✓	1499		
	10864	3621		11996		13474	4491		11996	
9	2161		711			9519		788		
	1450		709			8731		787		
	0741	✓	1420			7944	✓	1575		
	4352	1451		13416		26194	8731		13571	
10	5222		789			9563		710		
	4433		789			8853		708		
	3644	✓	1578	✓		8145	✓	1418	✓	H.C.H. 3/11/46
	13299	4433		14994		26561	8854		14989	
		14998	✓				37326	✓		

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 Emmott Weather Clear Inst. No. 50010
Notes by RBE Time 1130A Rod No. 1+2

Name Sierra Madre
Job No. 4919
From SM I6 To [illegible]
Date March 6 1946
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
				14994					1498.9	
11	5261		750			9321		751		Forward
	4511		749		#1	8570		751		
	3762		1499			7819		150.2		
	13534	4511		16493	66°F.	25710	8570		16491	
12	3386		748			8440		751		
	2638		750			7689		750		
	1888		1498			6939		150.1		
	7912	2637		17991		23068	7689		17992	
13	4088		749			7996		751		
	3339		750			7245		752		
	2589		1499			6493		150.3		
	10016	3339		1949.0		21734	7245		19495	
14	4110		739			7946		751		
	3371		746			7195		753		
	2625		1485			6442		150.4		
	10106	3369		20975		21583	7194		20999	
15	4137		751			7802		749		
	3386		750			7053		748		
	2636		150.1			6305		1497		
	10159	3386		22476		21160	7053		22496	
		17242					37751			

H.C.H.
3/11/46

F.B. 1200 PG. 257

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 Emmott Weather Clear Inst. No. 500.10
Notes by R.B.E Time 1:30 P Rod No. 1+2

Name Sierra Madre
Job No. 4919
From SM F6 To Joaquin
Date March 6, 1946
Indexed A. C. Tomlinson

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
	4365		752			8091		749		Forward
16	3613		751		#2	7342		746		
	2862		1503			6596		1495		
	10840	3613		23979		22029	7343		23991	
	4221		750			7950		750		
17	3471		750			7200		749		
	2721		1500			6451		1499		
	10413	3471		25479		21601	7200		25490	
	4239		750			7792		745		
18	3489		750			7047		748		
	2739		1500			6299		1493		
	10467	3489		26979		21138	7046		26983	
	4242		751			7622		751		
19	3491		750			6871		748		
	2741		1501			6123		1499		
	10474	3491		28480		20616	6872		28482	
F.B. 1200 PG. 258										
	40023		751			7712		750		TP - PK. in East pavement
20	3272		752			6962		750		of Santa Anita Dr. 4' W. of
	2520		1503			6212		1500		E. curb & 11' S. of Scurb
	9815	3272		29983		20886	6962		29982	El Dorado St.
		17336					35423			HCM 3/14

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 Emmott Weather Clear Inst. No. 50010
Notes by R.B.E Time 2PM Rod No. 1+2

Name Sierra Madr
Job No. 4919
From SM-I6 To [illegible]
Date March [illegible] 1946
Indexed A. C. Johns

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
19	7676 6926 6175 20777	6926	750 751 1501	150.1	#1 68°F.	3990 3240 2490 9720	3240	750 750 1500	150.0	Take off T.P. #20 Backward R[illegible]
18	7610 6860 6110 20580	6860	750 750 1500	300.1		4228 3479 2729 10436	3479	749 750	299.9	
17	7880 7130 6380 21390	7130	750 750 1500	450.1		4321 3571 2822 10714	3571	750 749 1499	449.8	
16	7991 7241 6492 21724	7241	750 749 1499	600.0		4261 3512 2764 10537	3512	749 748 1497	599.5	
15	8185 7439 6689 22313	7438	746 750 1496	749.6		4459 3709 2959 11127	3709	750 750 1500	749.5	HEH 3-11-4[illegible]
		35595					17511			

F.B./200 PG. 350

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 Emmott Weather Clear Inst. No. 50010
Notes by RBE Time 230 P Rod No. 1 + 2

Name Sierra Madre
Job No. 4919
From SM-I-6 To Joaquin
Date 3/6/46
Indexed A. C. Torrance

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
				7496					7495	
14	7.819		750		#2	4.150		749		
	7.069		750			3.401		749		
	6.319		150.0			2.652		149.8		
	21.207	7.069 ✓		8996	66°F	10.203	3.401 ✓		8993	
13	7.879		750			4.050		748		
	7.129		750			3.302		751		
	6.379		150.0			2.551		149.9		
	21.387	7.129 ✓		10496		9.903	3.301 ✓		10492	
12	7.928		749			4.023		750		
	7.179		751			3.273		749		
	6.428		150.0			2.524		149.9		
	21.535	7.178 ✓		11996		9.820	3.273 ✓		11991	
F.B. 1200 PG. 260 11	8.277		749			3.224 ✓		750		
	7.528		749			2.474		751		
	6.779		149.8			1.723		150.1		
	22.584	7.528 ✓		13494		7.421	2.474 ✓		13492	
10	9.200		750			5.141		752		
	8.450		749			4.389		750		
	7.701		149.9			3.639		150.2		
	25.351	8.450 ✓		14993 ✓		13.169	4.390 ✓		14994 ✓	H. E. A. 3/11/46
		37.352 ✓					16.839 ✓			

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 Emmett Weather Clear Inst. No. 50010
Notes by RBE Time 3PM Rod No. 1+2

Name Sierra Madre
Job No. 4919
From SM I6 To Joaquin
Date 3/6/46
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
				14993					14994	
9	9842		750		#1	5417		750		Backward R
	9092		750			4667		749		
	8342		1500			391.8		1499		
	27276	9092		16493	66°F	14002	4667		16493	
8	9482		79.1			2120		71.0		
	8691		79.1			1410		709		
	7900		158.2			0701		141.9		
	26073	8691		18075		4231	1410		17912	
7	5110		71.0			4320		79.0		
	4400		71.0			3530		79.0		
	3690		142.0			2740		158.0		
	13200	4400		19495		10590	3530		19492	
6	8107		75.0			3589		74.9		
	7357		75.1			2840		74.9		
	6606		150.1			2091		149.8		
	22070	7357		20996		8520	2840		20990	
5	8735		75.1			3489		74.9		
	7984		75.0			2740		75.0		
	7234		150.1			1990		149.9		
	23953	7984		22490		8219	2740		22489	H C H 3/
		37524					15187			

F.B. 1200 PG. 261

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 Emmott Weather Clear Inst. No. 500.10
Notes by RBE Time 330P Rod No. 1+2

Name Sierra Madre
Job No. H9.19
From SM-I6 To Joaquin
Date
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
				22495					22485	
✓	8741		750		#2	3472		749		Rockward Run
	7991		749			2723		751		
	7202		1499			1972		1500		
	23974	7991		23995	66°F	8167	2722		23989	
3	8490		750			3175		750		
	7740		250			2425		250		
	6990	✓	1500			1675	✓	1500		
	23220	7740		25495		7275	2425		25489	
2	8682		747			3188		753		
	7935		748			2435		754		
	7187	✓	1495			1681		1507		
	23804	7935		26990		7304	2435		26996	
1	8802		751			3071		750		
	8051		750			2321		750		
	7300	✓	1501			1571		1500		
	24153	8051		28491		6963	2321		28496	
I6	8932		750			3799		750		
	8182		750			3049		749		
	7432	✓	1500			2300		1499	✓	
	24546	8182		29994		9148	3049		29995	F.B. 1200 pg. 767
		39899 ✓					12952 ✓			F.E.N. 3/11/46

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 Emmott Weather Clear Inst. No. 5000
Notes by Gaskell Time 9 AM. Rod No. #3

Name Signal Hill
Job No. 4119
From SM-I.6 To Long
Date March 7, 19 46
Indexed A. C. Jones

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
21	4.002		75.1		#1	7.995		75.2		Take off T.P. 20 5 - 1 - 4
	3.251		74.9			7.243		74.9		For off T.P.
	2.502		150.0			6.494		150.1		
	9.755	3.252		150.0	60°F	21.732	7.244		150.1	
22	3.845		75.0			7.960		75.2		
	3.098		75.2			7.210		75.1		
	2.346		150.2			6.460		150.0		
	9.292	3.097		300.2		21.630	7.210		300.1	
23	4.012		74.9			8.083		75.1		
	3.263		74.6			7.332		75.0		
	2.517		149.5			6.582		150.1		
	9.792	3.264		449.7		21.997	7.332		450.2	
24	3.961		75.1			8.082		75.0		
	3.210		74.9			7.332		75.0		
	2.461		150.0			6.582		150.0		
	9.632	3.211		599.7		21.996	7.332		600.2	
25	3.522		75.0			8.258		74.9		
	2.772		75.0			7.509		74.9		
	2.022		150.0			6.760		149.8		
	8.316	2.772		749.7	74°F	22.527	7.509		750.0	H. E. H. 3/11/46
	15.596					36.627				

F.B. 1200 PG. 26-29

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 Emmott Weather Clear Inst. No. 50010
Notes by Gaskell Time 10:00 AM Rod No. 1 + 2

Name Sierra Madre
Job No. 4919
From SM-I 6 To Joaquin
Date 3/7/46
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
		15.596		749.7			36.[illegible]		750.0	
26	3.641		75.0		#2	8.761		75.0		Forward run
	2.891		74.9			8.011		75.0		
	2.142		149.9			7.261		150.0		
	8.674	2.891		899.6	74°F.	24.033	8.011		900.0	
27	4.400		75.1			7.839		74.8		
	3.649		75.3			7.091		74.9		
	2.896		150.4			6.342		149.7		
	10.945	3.648		1050.0		21.272	7.091		1049.7	
28	4.247		74.7			7.841		75.0		
	3.500		75.3			7.091		74.8		
	2.747		150.0			6.343		149.8		
	10.494	3.498		1200.0		21.275	7.092		1199.5	
29	4.142		75.0			7.754		75.1		
	3.392		75.0			7.003		75.0		
	2.642		150.0			6.253		150.1		
	10.176	3.392		1350.0		21.010	7.003		1349.6	
30	4.276		74.9			7.641		75.1		
	3.527		74.8			6.890		75.0		
	2.779		149.7			6.140		150.1		
	10.582	3.527		1499.7		20.671	6.890		1499.7	H.E.H 3/11/46
		32.552 ✓					72.714 ✓			

F.B. 1200 PG. 264

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 Emmett Weather Clear Inst. No. 5001.0
Notes by Gaskell Time 10:35 AM Rod No. 142

Name Sierra Madre
Job No. 4919
From SM-I-6 To Eaton
Date 3/7/46
Indexed A. C. Jones D

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
		32.552		1499.7			72.714		1499.7	
	4.591		74.3		#1	7.529		75.0		Forward Bm
31	3.842		75.0			6.779		74.9		
	3.092		149.9			6.028		149.9		
	11.525	3.842		1649.6		20.336	6.779		1649.6	
	4.550		74.9			7.691		74.8		
32	3.801		75.0			6.943		75.0		
	3.051		149.9			6.193		149.8		
	11.402	3.801		1799.5		20.827	6.942		1799.4	
	4.359		75.0			7.429		75.0		
33	3.609		75.0			6.679		75.0		
	2.859		150.0			5.929		150.0		
	10.827	3.609		1949.5		20.037	6.679		1949.4	
	4.415		75.0			7.561		75.0		
34	3.665		75.0			6.811		75.1		
	2.915		150.0			6.060		150.1		
	10.995	3.665		2099.5		20.432	6.811		2099.5	
	4.473		75.0			7.430		75.1		
35	3.723		75.0			6.679		75.1		
	2.973		150.0			5.928		150.2		H.E.H. 3/11/46
	11.169	3.723		2249.5		20.037	6.679		2249.7	
	51.192		-.2			106.604		-.2		
	+.002					+.005				

F.B. 120 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 Emmott Weather Clear Inst. No. 50010
Notes by Gaskell Time 11:10 AM Rod No. 1 & 2

Name Sierra Madre
Job No. 4919
From SM-16 To Jongin
Date 3/7/46
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
		51.192		2249.5			100.604		2249.7	
36	4.271		75.0		#2	7.431		75.0		Forward [illegible]
	3.521		75.1			6.681		75.0		
	2.770		150.1			5.931		150.0		
	10.562	3.521		2399.6		20.043	6.681		2399.7	
37	4.412		75.0			7.710		75.0		
	3.662		75.0			6.960		75.0		
	2.912		150.0			6.210		150.0		
	10.996	3.662		2549.6		20.880	6.960		2549.7	
38	4.463		75.0			7.604		74.9		
	3.713		75.0			6.855		74.9		
	2.963		150.0			6.106		149.8		
	11.139	3.713		2699.6		20.565	6.855		2699.5	
39	4.500		74.9			7.669		75.0		
	3.751		75.0			6.919		75.1		
	3.001		149.9			6.168		150.1		
	11.252	3.751		2849.5		20.756	6.919		2849.6	
40	4.376		74.9			7.649		75.0		
	3.627		75.1			6.899		75.1		
	2.876		150.0			6.148		150.1		H.E.H 3/11/46
	10.879	3.626		2999.5	79°F	20.696	6.899		2999.7	
		69.465					140.918			

F.B. 1200 PG. 266

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 Emmott Weather Clear Inst. No. 50010
Notes by Gaskell Time 11:50 AM Rod No. 142

Name Sierra Madre
Job No. 4919
From SM-IG To Joaquin
Date March 7, 1946
Indexed A. C. Johns

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		69.465		2999.5			140.913		2999.9	
41	4.461		75.0		#1	7.521		75.0		Forward Run
	3.711		74.9			6.771		75.0		
	2.962		149.9			6.021		150.0		
	11.134	3.711		3149.4	79°F	20.313	6.771		3149.9	
42	4.553		74.9			7.439		75.0		(T.P. 42) R.R. 75' N. of N. Curb of
	3.804		74.9			6.689		75.0		Las Flores Ave. 3' E of [illegible]
	3.055		149.8			5.939		150.0		E. Lake Santa Anita [illegible]
	11.412	3.804		3299.2		20.067	6.689		3299.9	
										[illegible] 3/[illegible]/46
		76.980					154.378			

F.B. 1200 PG. 267

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.....
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. 1200 PG. 268

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 Emmott Weather clear Inst. No. 50018
Notes by Gaskell Time 1:20 P.M. Rod No. 1 & 2

Name Sierra Madre
Job No. 4919
From SM-I 6 To Joaquin
Date March 7, 1946
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
42	7.381 6.631 5.881 19.893	6.631	75.0 75.0 150.0	150.0	#1 78°F.	4.498 3.749 3.000 11.247	3.749	74.9 74.9 149.8	149.8	Backward [illegible]. Take off T.P. #42 see p. 13
41	7.524 6.772 6.020 20.316	6.772	75.2 75.2 150.4	300.4		4.460 3.711 2.963 11.134	3.711	74.9 74.8 149.7	299.5	
40	7.619 6.870 6.121 20.610	6.870	74.9 74.9 149.8	450.2		4.350 3.600 2.848 10.798	3.599	75.0 75.2 150.2	449.7	
39	7.601 6.851 6.102 20.554	6.851	75.0 74.9 149.9	600.1		4.435 3.685 2.935 11.055	3.685	75.0 75.0 150.0	599.7	
38	7.621 6.871 6.121 20.613	6.871	75.0 75.0 150.0	750.1		4.482 3.7[illegible]1 2.981 11.194	3.731	75.1 75.0 150.1	749.8	[illegible] 3/11/46
		33.995					18.475			

F.B. 1200 PG. 269

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 Emmott Weather clear Inst. No. 50010
Notes by Gaskell Time 2:00 PM Rod No. 142

Name Sierra Madre
Job No. 4919
From SM-I, 6 To Joaquin
Date March 7, 1946
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
		33.995		750.1			18.475		749.8	
	7.797		75.0		#2	4.497		75.0		Backward Run.
37	7.047		75.1			3.747		75.2		
	6.296		150.1			2.997		150.0		
	21.140	7.047		900.2		11.241	3.747		899.8	
	7.412		74.8			4.250		75.0		
36	6.664		75.0			3.500		75.1		
	5.914		149.8			2.749		150.1		
	19.990	6.663		1050.0		10.499	3.500		1049.9	
	7.483		75.0			4.522		74.9		
35	6.733		75.2			3.773		74.8		
	5.981		150.2			3.025		149.7		
	20.197	6.732		1200.2		11.320	3.773		1199.6	
	7.607		74.7			4.468		75.3		
34	6.860		74.9			3.715		75.2		
	6.111		149.6			2.963		150.5		
	20.578	6.859		1349.8		11.146	3.715		1350.1	
	7.470		75.0			4.394		74.9		
33	6.720		75.0			3.645		74.7		H. E. H. 3/1/46
	5.970		150.0			2.898		149.6		
	20.160	6.720		1499.8	78°F.	10.937	3.646		1499.7	
		68.016					36.856			

F.B. 1200 PG. 270

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 Elsmoth Weather clear Inst. No. 52010
Notes by Gaskell Time 2:30 P.M. Rod No. 142

Name Sierra Madre
Job No. 4919
From SM-16 To Augusta
Date March 7, 1946
Indexed A. C. Jones

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
		68.016		1499.8			36.356		1499.7	
32	7.685 6.937 6.197		74.8 75.0 149.8		#1	4.543 3.794 3.044		74.9 75.2 149.9		Backward run
	20.809	6.936	1649.6		74°F	11.381	3.794	1649.6		
31	7.519 6.769 6.019		75.0 75.0 150.0			4.576 3.828 3.079		75.0 74.9 149.9		
	20.307	6.769	1799.6			11.485	3.828	1799.5		
30	7.658 6.909 6.159		75.0 75.0 150.0			4.290 3.541 2.790		74.9 75.0 150.0		
	20.724	6.908	1949.6			10.621	3.540	1949.5		
29	7.783 7.033 6.282		75.0 75.1 150.1			4.172 3.423 2.673		74.9 75.0 149.9		
	21.098	7.033	2099.7			10.268	3.423	2099.4		
28	7.844 7.095 6.345		74.9 75.0 149.9			4.243 3.498 2.748		74.7 75.0 149.7		1/16 3/16
	21.284	7.095	2249.6			10.491	3.497	2249.1		
	102.757					54.938				

F.B. 1200 PG. 27

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 Emmott Weather clear Inst. No. Sokia
Notes by Gaskell Time 3:00 P.M. Rod No. 142

Name Sierra Madre
Job No. 4-919
From SM-I 6 To Joaquin
Date March 7, 1946
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
		102.757		2249.6					2249.1	
27	7.860		75.0		#2	4.463		75.0		Backward run.
	7.110		75.0			3.663		75.0		
	6.360	✓	150.0			2.913		150.0		
	21.330	7.110		2399.6		10.989	3.663		2399.1	
26	8.718		75.1			3.591		74.8		
	7.967		74.9			2.843		74.6		
	7.218		150.0			2.097	✓	149.4		
	23.903	7.968 ✓		2549.6		8.531	2.844		2548.5	
25	8.312		75.0			3.580		75.0		
	7.562		75.0			2.830		75.2		
	6.812	✓	150.0			2.080	✓	150.0		
	22.686	7.562		2699.6		8.490	2.930		2698.5	
24	8.108		74.9			3.991		75.0		
	7.359		74.8			3.241		75.2		
	6.611	✓	149.7			2.489	✓	150.2		
	22.078	7.359		2849.3		9.721	3.240		2848.7	
23	7.961		75.0			3.891		75.0		
	7.211		75.0			3.141		75.0		
	6.461	✓	150.0	✓		2.391	✓	150.0		
	21.633	7.211		2999.3		9.423	3.141		2998.7 ✓	
		139.967 ✓					70.656 ✓			

F.B. 1200 PG. 272

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 Emmott Weather clear Inst. No. 50010
Notes by Gaskell Time 3:35 P.M. Rod No. 1+2

Name Sierra Madre
Job No. 4919
From SM-I6 To Joaquin
Date March 7, 19[illegible]6
Indexed A. C. Johns

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean ✓	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean ✓	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		139.967		2999.3			70.656		2998.7	
22	7.990		74.5		#1	3.885		75.3		Backward crur.
	7.245		74.6			3.132		75.1		
	6.499		149.1			2.381		150.4		
	21.734	7.245 ✓		3148.4		9.398	3.133 ✓		3149.1	
21	8.000		75.2			4.003		74.6		(T.P. 20) see pg. [illegible] + [illegible]
	7.248		75.3			3.257		74.9		
	6.495		150.5			2.508		149.5		
	21.743	7.248 ✓		3298.9 ✓	78°F.	9.768	3.256 ✓		3298.6 ✓	
										[illegible]

154.460 ✓ 77.045 ✓

F.B./200 PG. 273

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.....
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. 1200 PG. 274

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 Emmott Weather clear Inst. No. 5010
Notes by Gaskell Time 9:50 AM Rod No. 1 & 2

Name Sierra Madre
Job No. 4019
From SM-I 6 To Duarte
Date March 8, 1946
Indexed A. C. Jones

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
43	4.541 3.791 3.041 11.373	3.791	75.0 75.0 150.0	150.0	#1 76°F	7.418 6.668 5.918 20.004	6.668	75.0 75.0 150.0	150.0	Forward Run Take off TP 42 see pg. 13
44	4.557 3.806 3.056 11.419	3.806	75.1 75.0 150.1	300.1		7.387 6.637 5.886 19.910	6.637	75.0 75.1 150.1	300.1	
45	4.636 3.886 3.136 11.658	3.886	75.0 75.0 150.0	450.1		5.722 4.968 4.217 14.907	4.967	75.4 75.6 151.0	451.1	
46	6.656 5.902 5.149 17.707	5.902	75.4 75.3 150.7	600.8		5.462 4.715 3.967 14.144	4.715	74.7 74.8 149.5	600.6	F.B. 1200 PG. 75
47	6.588 5.838 5.088 17.514	5.838	75.0 75.0 150.0	750.8		5.430 4.680 3.929 14.039	4.679	75.0 75.1 150.1	750.7	3/11/46
	23.223					27.665				

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 Emmott Weather clear Inst. No. 50010
Notes by Gaskell Time 10:30 AM Rod No. 1+2

Name Sierra Madre
Job No. 4919
From SM-I6 To Joaquin
Date March 8, 1946
Indexed A. C. Johns

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		23.233		750.8			27.660		750.7	
48	6.703		75.1		#2	5.372		75.0		Forward run.
	5.952		75.1			4.622		75.0		
	5.201		150.2			3.872		150.0		
	17.856	5.952		901.0		13.866	4.622		900.7	
49	7.043		75.0			4.730		75.0		
	6.293		75.0			3.980		75.0		
	5.543		150.0			3.230		150.0		
	18.879	6.293		1051.0		11.940	3.980		1050.7	
50	7.060		75.0			4.861		75.0		
	6.310		75.0			4.111		75.0		
	5.560		150.0			3.361		150.0		
	18.930	6.310		1201.0		12.333	4.111		1200.7	
51	5.932		74.9			6.118		75.1		
	5.183		75.1			5.367		75.2		
	4.432		150.0			4.615		150.3		
	15.547	5.182		1351.0		16.100	5.367		1351.0	
52	5.812		74.8			6.630		75.0		
	5.064		74.9			5.880		75.0		
	4.315		149.7			5.130		150.0		
	15.191	5.064		1500.7		17.640	5.880		1501.0	
		52.024					51.627			

F.B. 1200 PG. 276

[illegible] 3/11/46

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 Emmott Weather clear Inst. No. 50610
Notes by Gaskell Time 11:10 A.M. Rod No. 142

Name Sierra Madre
Job No. 4912
From SM-I-6 To Joaquin
Date March 8, 1946
Indexed a. C. Johns

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		52.024		1500.7			51.626		1501.0	
	4.735		14.9		#1	2.340		15.0		Forward run
53	4.586		14.9			2.190		15.0		B.M. Joaquin Mon. El. 330.619
	4.437		29.8			2.040		30.0		U.S. 478 at int. El Monte Ave., Lower Azusa Av.
	13.758	4.586		1530.5	90°F.	6.570	2.190		1531.0	(Walnut Ave.) 3' W. ℄ El Monte in curb on So. side of Azusa, std. disk sta. mark cemented in top of conc. curb. Reset 1930.
										[illegible] 3/1/46
	56.610					53.817				

F.B. 1200 PG. 277

FORM 379 SM 7-46

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 Emmott Weather clear Inst. No. 50010
Notes by Gaskell Time 1:20 PM Rod No. 1 & 2

Name Sierra Madre
Job No. 4919
From SM-7-6 To Joaquin
Date March 9, 1946
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.243		15.0		#1	4.637		15.0		Backward run - take off B.M. Joaquin Mon. see pg. 21
53	2.093		15.1			4.487		14.9		
	1.942		30.1			4.338		29.9		
	6.278	2.093 ✓		30.1	97°F	13.462	4.487 ✓		29.9	
	6.616		74.8			5.801		75.0		
52	5.868		74.9			5.051		75.1		
	5.119		149.7			4.300		150.1		
	17.603	5.868 ✓		179.8		15.152	5.051		180.0	
	6.181		75.0			5.999		75.0		
51	5.431		75.2			5.249		75.0		
	4.681		150.0			4.499		150.0		
	16.293	5.431 ✓		329.8		15.747	5.249 ✓		330.0	
	4.368		75.0			7.067		75.0		
50	4.118		75.0			6.317		75.1		
	3.368		150.0			5.566		150.1		
	12.354	4.118 ✓		479.8		18.950	6.317 ✓		480.1	
F.B. 1200 PG. 278	4.788		75.0			7.102		75.0		
49	4.038		75.0			6.352		75.0		1/5/46 3/11/46
	3.288		150.0			5.602		150.0		
	12.114	4.038 ✓		629.8		19.056	6.352 ✓		630.1 ✓	
		21.548 ✓					27.456			

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 Emmott Weather clear Inst. No. 50010
Notes by Gaskell Time 1:50 P.M. Rod No. 1 & 2

Name Sierra Madre
Job No. 4919
From SM-I6 To [illegible]
Date March 8, 19[illegible]6
Indexed A. 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
		21.548		629.8			27.456		630.1	
48	5.362		75.0		#2	6.692		75.0		Backward ru.
	4.612		75.0			5.942		75.0		
	3.862		150.0			5.192		150.0		
	13.836	4.612 ✓		779.8		17.826	5.942 ✓		780.1	
47	5.463		75.1			6.623		75.1		
	4.712		75.2			5.872		74.9		
	3.960		150.3			5.123		150.0		
	14.135	4.712 ✓		930.1		17.618	5.873 ✓		930.1	
46	5.359		75.0			6.552		75.0		
	4.609		75.0			5.802		75.1		
	3.859		150.0			5.051		150.1		
	13.827	4.609 ✓		1080.1		17.405	5.802 ✓		1080.2	
45	5.569		75.7			4.480		75.2		
	4.812		75.5			3.728		75.0		
	4.057		151.2			2.978		150.2		
	14.438	4.813 ✓		1231.3		11.186	3.729 ✓		1230.4	
44	7.413		74.5			4.588		75.3		[illegible]
	6.668		74.8			3.835		75.4		
	5.920		149.3			3.081		150.7		
	20.001	6.667 ✓		1380.6 ✓	87°F.	11.504	3.835 ✓		1381.1 ✓	
		46.961 ✓					52.637 ✓			

F.B. 1200 PG. 279

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 Emmott Weather Inst. No. 50010
Notes by Gaskell Time 2:45 Rod No. 1+2

Name Sierra Madre
Job No. 4919
From SM-16 To Joaquin
Date March 8 1946
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
		46.961		1380.6			52.637		1391.1	
43	7.408		75.1			4.526		74.7		Backward run
	6.657		75.5			3.779		75.0		T.P. 42 see pg. 13
	5.902		150.6			3.029		149.7		
	19.967	6.656 ✓		1531.2 ✓		11.334	3.778 ✓		1530.8 ✓	
										3/11/46
		53.617 ✓					56.415 ✓			

F.B./200 PG. 280

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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	B. S.	H. I.	F. S.	ELEV.		
B.M. "S.M. H-6"	5768	620803		615035		
			5118	615685	T.P. #1 (Nail)	
"	5622	620657		615035		
			4510	616147	T.P. #2 (")	
T.P. #1	4916	620601		615685		614.804
			5797	614804	R.M. No 2.	614.806
T.P. #2	4456	620603		616147		614.805
			5797	614806	R.M. No 2.	614.805
B.M. S.M. H-6	5567	620602		615035	— (Check reading)	
			5797	614805	R.M. No 2.	
				614805	" " - Mean.	

TRANSFER OF ELEVATION.
From B.M. (Traverse Sta.) "SIERRA MADRE H-6"
TO "R.M. No 2." (See F.B. 935-51)
Level #16950
Rod # 175

See page 294 for retransfers.

Profile
No. Notes Red Plotted Job No. Division No.
X-Sec. Date Date Survey of
Notes Chkd H.H.R. Checked Survey by Meyrick Notes Quik Date 1-13-48
No. Date 1-22-48 Date Map No. Indexed Date 1-29-48

F.B. 1200 Pg. 281

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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	B. S.	H. I.	F. S.	ELEV.		
B.M. "S.M. G-6A"	5023	668 366		663 343		
			3918	664 448	T.P. No 1 (Nail)	
"	4943	668 286		663 343		
			3567	664 719	T.P. No 2 (")	
T.P. No 1	3702	668 150		664 448		
			4429	663 721	R.M. No 2	663.721
T.P. No 2	3432	668 151		664 719		663.722
						663.722
			4429	663 722	R.M. No 2	663.722
B.M. "S.M. G-6A"	4808	668 151		663 343	— (Check reading)	
			4429	663 722	R.M. No 2	
				663 722	" " - Mean	
				- 0103		
				663.619		

TRANSFER OF ELEVATION
From B.M. (Traverse Sta) "SIERRA MADRE G-6A" TO "R.M. No 2"
See F.B. 935-45.
Level # 16950
Rod # 175

For retransfer see page 293.

F.B. 1208 PG. 282
Job No. 4919 Division No. Notes Red. Plotted No. Profile
Survey of Geod. Cont. Sys - Sierra Madre Date Date X-Sec.
Survey by G. Wiemeck Notes GWK 1-14-48 Notes Chkd H H R Checked
Indexed A. O. Johnson Date Date 1-22-48 Date No.

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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	B. S.	H. I.	F. S.	ELEV.		
B.M. "S.M. G-5"	4368	743614		739246		
			4630	738984	T.P. No 1 (Nail)	
"	4204	743450		739246		
			4178	739272	T.P. No 2 (")	
T.P. No 1	4732	743716		738984		
			3922	739794	R.M. No 1.	739.794
T.P. No 2	44[illegible]	743715		739272		739.793
			3922	739793	" "	739.794
						739.794
B.M. "S.M. G-5"	4470	743716		739246	—— (Check reading)	
			3922	739794	R.M. No 1.	
				739794	" " - Mean	

TRANSFER OF ELEVATION
From B.M. (Traverse Sta.) SIERRA MADRE
G-5 TO R.M. No 1.
(See F.B. 935-43.)
Level # 16950
Rod # 175.

For retransfer see page 291

Profile
No. ____ Date ____ Notes Red ____ Plotted ____ Job No. 4919 Division No. ____
X-Sec. ____ Date ____ Survey of [illegible]
No. ____ Date 1-20-48 Notes Chkd. H.H.R. Checked ____ Survey by Kleineck Notes Gulk Date 1-14-'48
Map No. ____ Indexed ____ Date ____

F.B. 1200 PG. 283

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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	B. S.	H. I.	F. S.	ELEV.		
B.M. "S.M. F-5"	3860	852410		848550		
			4352	848058	T.P. No 1	
" "	3681	852231		848550		
			3810	848421	T.P. No 2	
T.P. No 1	4397	852455		848058		
			3362	849093	R.M. No 1	849.093
			2430	850025	" No 3	849.092
						849.093
T.P. No 2	4033	852454		848421		849.093
			3362	849092	R.M. No 1	
			2430	850024	" No 3	850.025
						850.024
						850.025
B.M. "S.M. F-5"	3905	852455		848550		850.025
			3362	849093	R.M. No 1 (Check Reading)	
			2430	850025	" No 3 (" ")	
Aver. Mean for R.M. #1				849093		
" " " " #3				850025		

TRANSFER OF ELEVATION
From B.M. (Traverse Sta.) "SIERRA MADRE F-5" TO L+T. R.M.'s in CURBS, No 1 + No 3 as per F.B. 926-265
Level # 16950
Rod # 175

For retransfer see page 289

F.B. 1208 PG. 284

Job No. 4919 Division No. Notes Red. Plotted Profile
Survey of Geod. Cont. Sec. Sierra Madre Date Date No. X-Sec.
Survey by G. Hemmel Notes Chkd H.H.R. Checked
Indexed Date Date 1-22-48 Date No.

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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	B. S.	H. I.	F. S.	ELEV.		
BM S.M. E-5A	6 1[illegible]	878 284		872176		
			5162	873122	TP No 1 (Nail)	
"	6 059	878 235		872176		
			5008	873227	TP No 2 (")	
TP No 1	5 271	878 393		873122		
			5790	872603	RM No 2	
TP No 2	5 169	878 396		873227		872.603
						872.606
			5790	872606	" "	872.606
						872.605 = Mean
BM S.M. E-5A	6220	878 396		872176	(Check reading)	
			5790	872606	RM No 2.	
				872605	" " (Mean)	
				− 0.103		
				872.502	(1952 Adj. Elev.)	

TRANSFER OF ELEVATION
From (Traverse Sta.) "SIERRA MADRE
E-5A" TO RM No 2 (See FS 935-23)
Level #16950
Rod # 175

For retransfer see page 290.

Profile
No. ____ Notes Red ____ Plotted ____ Job No. 4919 Division No. ____
X-Sec. ____ Date ____ Date ____ Survey of [illegible] Madre
No. ____ Notes Chkd H.H.R. Checked ____ Survey by Kleinert Notes GWK Date 1-16-'48
Date 1-22-48 Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1208 Pg. 285

F.B. 1208 PG 286 | Job No. 4919 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of Geod. Cont. Syst. - Sierra Madre Date _____ Date _____ No. _____

Survey by G. Klemeck Notes GWK - 1/16/48 Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date A. C. Johnson Date _____ Date _____ No. _____

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

STATION	B.S.	H.I.	F.S.	ELEV.	
B.M. "S.M. F-5A"	3781	829920		825139	
			5912	824008	T.P. No 1
" "	3659	829798		826139	
			5898	824200	T.P. No 2
T.P. No 1	5681	829689		824008	
			5977	823712	R.M. No 2 823712
T.P. No 2	5488	829688		824200	823711
			5977	823711	" " 823712
B.M. "S.M. F-5A"	3550	829689	5977	826139	(Check reading)
				823712	R.M. No 2
				823712	" " (Mean)
				0.103	
				823.609	(1950 Adj. Elev.)

For retransfer see page 295

TRANSFER OF ELEVATION
From B.M. (Traverse Sta) "SIERRA MADRE F-5A" TO R.M. No 2 as per F.B. 926-267
Level # 16950
Rod # 175

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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	B. S.	H. I.	F. S.	ELEV.		
B.M. "S.M. F-6B"	6011	747052		741041		
			3567	743485	T.P. No 1	
" "	5943	746984		741041		
			3344	743640	T.P. No 2.	
						743472
T.P. No 1	3411	746896		743485		743473
			3424	743472	R.M. No 1	743472
						743472
T.P. No 2	3257	746897		743640		
			3424	743473	" "	
B.M. "S.M. F-6B"	5855	746896		741041	(Check Reading)	
			3424	743472	R.M. No 1	
				743472	" " (Mean).	

TRANSFER OF ELEVATION
From B.M. (Traverse Sta) "SIERRA MADRE F-6B" TO R.M. No 1
See F.B. 935-37.
Level #16950
Rod# 175.

For retransfer see page 292.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 4444 Division No. ____ F.B. 1208 Pg. 287
X-Sec. No. ____ Date ____ Date ____ Survey of [illegible] Notes [illegible] Date 1-16-48
Notes Chkd H.H.R. Checked ____ Survey by [illegible] Notes [illegible] Date 1-16-48
Date 1-22-48 Date ____ Map No. ____ Authorized [illegible] Date ____

F.B. 1200 PG. 288 | Job No. | Division No. | Notes Red. | Plotted | Profile

Survey of | Date | Date | No.

Survey by | Notes | Notes Chkd. | Checked | X-Sec.

Indexed | Date | Date | Date | No.

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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	B. S.	H. I.	F. S.	ELEV.

Profile No. _____ Notes Red. _____ Plotted _____ Job No. [illegible] Division No. _____ F.B. 1200 PG. 289

Date _____ Date _____ Survey of _____

X-Sec. No. _____ Notes Chkd. H. E. [illegible] Checked [illegible] Survey by _____ Notes [illegible] Date [illegible]

Date _____ Date _____ Map No. _____ Indexed A. C. Johnson Date 6-23-48

[illegible] TO
B.M. [illegible]
[illegible]
Level # [illegible]
Bed # 115.

STATION	B. S.	H. I.	F. S.	ELEV.	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 307 10M 10-46

F.B. 1200 PG. 290

Job No. 4-919 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of Good Int. Exp. Sec. Madre Date _____ Date _____ No. _____

Survey by [illegible] Notes [illegible] Notes Chkd. [illegible] Checked 7-2-48 X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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	B.S.	H.I.	F.S.	ELEV.	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Note: [illegible]

[illegible] TRANSFER OF ELEVATION FROM T.B.M. "RM No 2" TO B.M. (Traverse Sta.) "SIERRA MADRE E-5A"

Level [illegible]
Rod # [illegible]
See F.B. [illegible] - 215

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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	B. S.	H. I.	F. S.	ELEV.		

Profile

Notes Red _____ Plotted _____ Job No. _____ Division No. _____

No. _____ Date _____ Date _____ Survey of _____

X-Sec. Notes Chkd _____ Checked _____ Survey by _____ Notes _____ Date _____

No. _____ Date _____ Date _____ Map No. _____ Indexed _____ Date _____

F.B. _____ PG. _____

F.B. 1200 PG. 292

Job No. 4917 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of Geod. Cont. S/S - [illegible] Date _____ Date _____ No. _____

Survey by G. [illegible] Notes GWK 6-21-48 Notes Chkd. H.E.K. Checked 7-2-48 X-Sec.

Indexed A. D. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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	B.S.	H.I.	F.S.	ELEV.	
T3M-TM#	[illegible]	[illegible]		748.5	[illegible]
" - "	[illegible]	[illegible]	4.15	[illegible]	[illegible]
[illegible]	3.35	7.35	6.31	[illegible]	[illegible]
[illegible]	3.51	7.35	6.31	[illegible]	[illegible]
T3M-RM#	[illegible]	747.55	6.31	741.04	[illegible]
Note: Mon. not distinguished on [illegible]					

741.04 - Rec. - See pages 250 & 287.

RETRANSFER OF ELEVATION
From T3M-R.M. #31 To BM (Traverse Sta.)
"SIERRA MADRE F-6B"
See FB 1200-287.
Level # 16950.
Rod # 175.

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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	B. S.	H. I.	F. S.	ELEV.		
[illegible]	5680	669402		663722	See F.B. 1200-352	
			5656	663720	[illegible]	
" — "	5508	669230		663722		
			5535	663695	[illegible]	
[illegible]	[illegible]	669191		663746		
			5890	663301	[illegible]	
[illegible]	5496	669191		663695		
			5890	663301	" — "	
[illegible]	[illegible]	669147		663722	[illegible]	
			5847	663300	[illegible]	
				663301	" — " " (Near)	
				663301	[illegible]	

663.301
663.301
663.300
Al. = 663.301

Note: A slight shift in the [illegible] due to sewer construction.

Profile
Notes Red ____ Plotted ____ Job No. [illegible] Division No. [illegible]
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chkd. [illegible] Checked [illegible] Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

F.B. 1200 Pg. 293

F.B. 1200 PG. 294 Job No. 4919 Division No. ____ Notes Red. ____ Plotted ____ Profile

Survey of [illegible] Sierra Madre Date ____ Date ____ No. ____

Survey by [illegible] Notes [illegible] 6-21-48 Notes Chkd H.E.H. Checked 7-2-48 X-Sec.

Indexed A. C. Johnson Date ____ Date ____ Date ____ No. ____

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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	B. S.	H. I.	F. S.	ELEV.	
T.B.M.-R.M. #2	[illegible]	620.0[illegible]		[illegible]	See F.B. 1200-281.
			[illegible]	[illegible]	T.P. No 1
" " "	[illegible]	[illegible]631		[illegible]	
			[illegible]	[illegible]	[illegible]
T.P. No 1	4.892	620.631		[illegible]	
			5.614	[illegible]	Mon.-S.M. H-6
T.P. No 2	[illegible]	620.632		[illegible]	
			5.614	[illegible]	
T.B.M.-R.M. #2	[illegible]	620.632		614.[illegible]	[illegible]
			5.614	[illegible]	Mon. S.M. H-6
				615.018	Mon.
				[illegible]52	R.C. (Pg. 251-281)
					615.017
					615.018
					615.018
					AV. = 615.018

Note: A slight shift occurred in the mon. due to sewer construction.

RE TRANSFER OF ELEVATION From T.B.M.-R.M. No 2 TO B.M. (Triang. Sta.) "SIERRA [illegible] H 6"

See F.B. 1200-281.
Level #16950.
Rod #143

F.B. 1200 PG. 295

Profile No. | Notes Red. | Plotted | Job No. | Division No.
Date | Date | Survey of

X-Sec. No. | Notes Chkd. H E H | Checked | Survey by | Notes | Date
Date | Date | Map No. | Indexed

From B.M. ... to ...

See F.B. 1200-286.

STATION	B.S.	H.I.	F.S.	ELEV.

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.

FORM 307 10M 10-46

F.B. 1203 PG. 296

Job No. _____ Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

STATION	B. S.	H. I.	F. S.	ELEV.

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.

76L298 307 5-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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	B. S.	H. I.	F. S.	ELEV.		
BM. S.M. D-5.	5.997	906.711		900.714	Pg. 248.	
			5.604	901.[illegible]	T.P. #1 [illegible]	
"	5.991	906.615		900.74		
			5.852	901.[illegible]	T.P. #2	
T.P. #1.	5.[illegible]	[illegible].495		[illegible]		
			5.753	[illegible]	R.M. [illegible]	
T.P. #2.	[illegible]	[illegible]		[illegible]		
			5.[illegible]	[illegible]	R.M. [illegible]	
BM. S.M. D-5.	[illegible]	906.495		900.74	[illegible]	
			5.[illegible]	900.742	R.M. #1	
				(900.742)	" " - [illegible]	
				-.103		
				900.639	= 1952 Adj. Elev	

TRANSFER OF ELEVATION
FROM B.M. (Traverse Std.) SIERRA
MADRE D-5" TO R.M. NO. 1.
[illegible] 925-[illegible]
Level # 101[illegible]
Rod # 204.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 4900 Division No. ____ F.B. 1200 PG. 297
Date ____ Date ____ Survey of [illegible]
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
Date ____ Date ____ Map No. ____ Indexed Johnson Date 6-25-51

76L298 307 5-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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	B. S.	H. I.	F. S.	ELEV.		
B.M. S.M. E-5	[illegible]	[illegible]		[illegible]	[illegible]	
			[illegible]	[illegible]	[illegible]	
" "	[illegible]	[illegible]		[illegible]		
			[illegible]	[illegible]	[illegible]	
T.P. No. 1	[illegible]	[illegible]		[illegible]		
			[illegible]	[illegible]	R.M. No. 1	
			[illegible]	[illegible]	R.M. No. 2	
T.P. No. 2	[illegible]	[illegible]		[illegible]		
			[illegible]	[illegible]	[illegible]	
			[illegible]	[illegible]	R.M. No. 2	
B.M. S.M. E-5	[illegible]	[illegible]		[illegible]		
			[illegible]	[illegible]	[illegible]	
			[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	No. 1			
" "	" "	" "	No. 2			

[illegible]
B.M. [illegible] MADRE
E-5 To L&T. R.M.S. in [illegible] No. 1 + 462
[illegible] 926-255

F.B. 1200 PG. 298
Job No. 4900 Division No. [illegible]
Survey of [illegible]
Survey by [illegible] Notes [illegible]
Indexed [illegible] Date [illegible]
Notes Red. [illegible] Date [illegible]
Plotted [illegible] Date [illegible]
Profile No. [illegible]
X-Sec. No. [illegible]

76L298 307 4-50

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 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	B. S.	H. I.	F. S.	ELEV.		

Profile Notes Red.____ Plotted____ Job No.____ Division No.____

No.____ Date____ Date____ Survey of____

X-Sec. Notes Chkd.____ Checked____ Survey by____ Notes____ Date____

No.____ Date____ Date____ Map No.____ Indexed____ Date____

F. B. 12 00 Pg. 39

F. B. Pg.

Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.

76L298 307 4-50

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

NOTES RED. _____ JOB NO. 0301.00 SURVEY OF Geodetic Control

DATE _____ SURVEY BY [illegible]

NOTES CHKD. CRG NOTES BY J.A. Moody DATE 2-24-59

DATE _____ INDEXED A. C. Johnson DATE 3-3-59

F. B. 1200 PG. 299

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
SIERRA MADRE I-6A						
TRAV. STATION						
&						
PRECISE BENCH MARK						
TRANSFER OF ELEVATION TO R.M.'S #1 & #2						

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 8-49

76S420 353 8-49

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
Fd B.M. I-6A					587.395	B.M. I6A Elev. 587.395 ✓ F.B. 1200
+	5.108		4.975	4.992		
⊼	592.503	-1.062 ✓	-1.054 ✓	-1.056 ✓		
—	6.170		6.029	6.048		
R.M. #1	586.333				586.340	
+	7.670		7.631			
⊼	594.003	+4.041 ✓	+4.041 ✓			
—	3.629		3.590			
R.M. #2	590.374				590.382	
+	4.301		4.233			
⊼	594.675	-2.986 ✓	-2.988 ✓			
—	7.287		7.221			
B.M. I6A	587.388				587.395	B.M. I-6A

F. B. 1200 PG. 300

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED. ____
SURVEY BY H.R. STOCK DATE ____
NOTES BY MOODY DATE 2-24-59 NOTES CHKD. CHG
INDEXED K. C. Johnson DATE ____ DATE ____

NOTES RED _____ JOB NO 0301.02 SURVEY OF L.A.Co. PRECISE LEVEL NET F. B. 1200 PG. 201

DATE _____ SURVEY BY G.E.D.

NOTES CHKD. _____ NOTES BY G.E.D. DATE 10-15-59

DATE _____ INDEXED _____ A. C. Johnson DATE 10-21-59

JOB NO 0301.02

L.A.Co. PRECISE LEVEL NET

PERPETUATION OF ELEV. OF PRECISE B.M.

(SIERRA HIGHWAY E-4A)

DREIER
LYBRAND
SMITH, N.

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

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 S & E-353 4-54

76S420 S & E-353 4-54

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

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

JOB NO 2301.02 SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY G.E. DORENKAMP DATE
NOTES BY G.E.D. DATE 10-15-59 NOTES CHKD H.J.H.
INDEXED C. Johnson DATE DATE 10-22-59 NOTES RED.

F.B. 2200 Pg. 302

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M.	978.889				978.889	B.M. 25-10 (SIERRA MADRE E-4A) 23.4' E OF W. CURB OF N. LIMA ST PROD. N. AND 9' N. OF THE S. CURB OF GRAND VIEW AVE PROD E., A STD. TRAVERSE TABLET SET IN CONC. RM. RS-10 A
+	6.919		6.926			
↑	985.808	+4.080	4.077			
−	2.839		2.899			
SIERRA MADRE E-4A R.M. NO 1					982.968	SIERRA MADRE E-4A R.M. NO. 1 GRAND VIEW AVE & LIMA ST. N.W. COR. STD. TRAVERSE STATION R.M. MON, 2 FT BACK OF CURB 20.5 FT N. OF N. END OF CURB RETURN, 6" DEEP
	982.969					
+	1.990		1.730	1.852		
↑	984.959	-4.694	-4.708	-4.718		
−	6.687		0.438	6.570		
SIERRA MADRE E-4A R.M. NO 2	978.275				978.260	BM 25-10 B SIERRA MADRE E-4A R.M. NO. 2 GRANDVIEW AVE AND LIMA ST. S.E. COR. STD. TRAVERSE STATION R.M. MON. 15 FT. BACK OF CURB 24 FT. S. OF S. END OF CURB RETURN, 7" BELOW CURB GRADE
+	6.805		6.559			
↑	985.080	+0.627	+0.628			
−	6.178		5.931			
B.M.	978.902				978.889	B.M. (SIERRA MADRE E-4A) SEE [illegible] PAGE [illegible]

NOTE - FLOOD CONTROL SURVEY PARTY REPORTS MON., SIERRA MADRE E-4A, TO HAVE BEEN PARTLY EXPOSED ON SIDE OF TRENCH DURING STORM DRAIN CONSTRUCTION AND ELEV. WOULD BE QUESTIONABLE

F. B. PG. 303

NOTES RED. JOB NO. [illegible] SURVEY OF L.A. [illegible] LEVEL N[illegible]

DATE SURVEY BY

NOTES CHKD. NOTES BY [illegible] DATE 10-16-59

DATE INDEXED [illegible] C. Johnson DATE 11-6-59

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
[illegible] NO [illegible]						
L.A. [illegible] LEVEL N[illegible]						
PERPETUATION OF ELEV. OF [illegible] SIERRA MADRE H-4						
DREIER						
LYBRAND						
[illegible], N.						

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.

76S420 S & E-353 4-54

76S420 S & E-353 4-54

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M.	739.092				739.092	25-12 B.M. (SIERRA MADRE H-4,) F.B. 1200
+	4.830		4.841		(1953)	GRAND VIEW AVE, 18.2' N. OF S. CURB,
⊼	743.922	+0.196	+0.197			AND FOOTHILL AVE, 9.1 FT. E. OF W.
-	4.634		4.644			CURB PROD. SLY, A STD TRAVERSE
						STATION IN WELL WITH COVER.
SET B.M. SIERRA MADRE H-4 R.M. #1	739.288				739.288	25-12A B.M. SIERRA MADRE H-4 R.M. NO. 1
+	6.076		6.097			GRAND VIEW AVE. & FOOTHILL AVE. N.E.
⊼	745.364	-0.338	-0.335			COR, STD R.M. MON. 1' BACK OF
-	6.414		6.434			CURB 51 FT. N. [illegible]
SET B.M. H-4 R.M. #2	739.950				739.951	25-12B B.M. SIERRA MADRE H-4, R.M. NO. 2
+	6.604		6.790			GRAND VIEW AVE & FOOTHILL AVE, S.E. COR,
⊼	746.554	+0.143	+0.142			STD. R.M. MON. 1' BACK OF CURB
-	6.461		6.648			[illegible] PROD.
B.M.	739.093				739.092	B.M. 25-12 (SIERRA MADRE H-4)
						SEE TOP OF [illegible]

JOB NO. 030102 SURVEY OF L.A. Co. PRECISE LEVEL NET NOTES RED.
SURVEY BY G. E. DREIER DATE
NOTES BY G.E.D. DATE 10-16-59 NOTES CHKD. AJA
INDEXED C. Johnson DATE DATE 11-9-59

F.B. [illegible] PG. 304

NOTES RED. _____ JOB NO: 0301.02 SURVEY OF: L.A.Co. Precise Level Net | F. B. 200 PG. 305

DATE _____ SURVEY BY: F.E. Brooks

NOTES CHKD. _____ NOTES BY: F.F.B. DATE 14 July 1964

DATE _____ INDEXED: J. GALLI DATE JUL 2 0 '64

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
						J.N. 0301.02
						L.A. Co. Precise Level Net
						LINE No 25
						Transfer of Elevation
						From BM 25-14
						To BMs 25-14A and 25-14B
	Brooks Kopp Bustram Valdez Will					

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

765420 353 3-51

76S420 353 3-51

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
[illegible] LOS ANGELES COUNTY [illegible] 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 [illegible] this side [illegible]

1200

B.M.	1st RUN	[illegible]	2nd RUN	[illegible] RUN	ADJ. ELEV.	DESCRIPTION
BM 25-14	800.508		800.5[illegible]	800.[illegible]	800.508	BM 25-14 Elev. 800.508 FB 935-55 [illegible]nd View [illegible]e and Santa Anita Ave E. [illegible] L.A. Co. Survey Control System Triangulation Station Sierra Madre I-4A RE2177 1945
+	1.500					
π	802.008	-4.301	-4.302			
−	5.801		6.179			
BM 25-14A	796.207		796.206	796.206	796.206	BM 25-14A Grand View Ave and Santa Anita Ave S.E. Cor. Bt. Spk in curb 11° ft. S. of S end C.R.
+	2.929		2.884			
π	799.136	-3.186	-3.185			
−	6.115		6.069			
BM 25-14B	793.021		793.021	793.021	793.021	BM 25-14B Grand View Ave and Santa Anita Ave W. side of Santa Anita Ave Bt. Spk in cbl. in front of house # 1885
+	4.720		5.230			
π	797.741	+4.578	+4.578			
−	0.142		0.652			
TP	797.599					
+	6.088		6.133			
π	803.687	+2.908	+2.910			
−	3.180		3.223			
BM 25-14	800.507		800.509	800.508	800.508	BM 25-14 Elev. 800.508 F.B. 935-55 see above description

JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net.
SURVEY BY FE Brooks
NOTES BY FEB DATE 14 July 1964
INDEXED [illegible] J. GALL DATE JUL 20 '64
NOTES [illegible] DATE
NOTES [illegible] DATE

F.B. 1200 PG. 306