Notes Ck'd by	Survey of C.A. Co. Precise Level Net	F. B. 3744 PG. 5
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date May 65	
Date	Indexed G. J. GALLI JUN 9 '65	

J.N. 0301.02

[redacted]RECISE LEVEL NET

[redacted]NE No. 50

[redacted]E RUN

From Palos Verdes Dr. N.
To Palos Verdes Dr. W.

[redacted] BLVD

C[redacted]ST RD

[redacted]THORNE BLVD.

See F.B. [redacted]4 pgs 7 To 45 for Bench Mark descriptions

F.E. Brooks
KM Kopp
V.F. Lieber
S. Will
R.R. Rodriguez

Not microfilmed

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76F3099 CE #310 6-63

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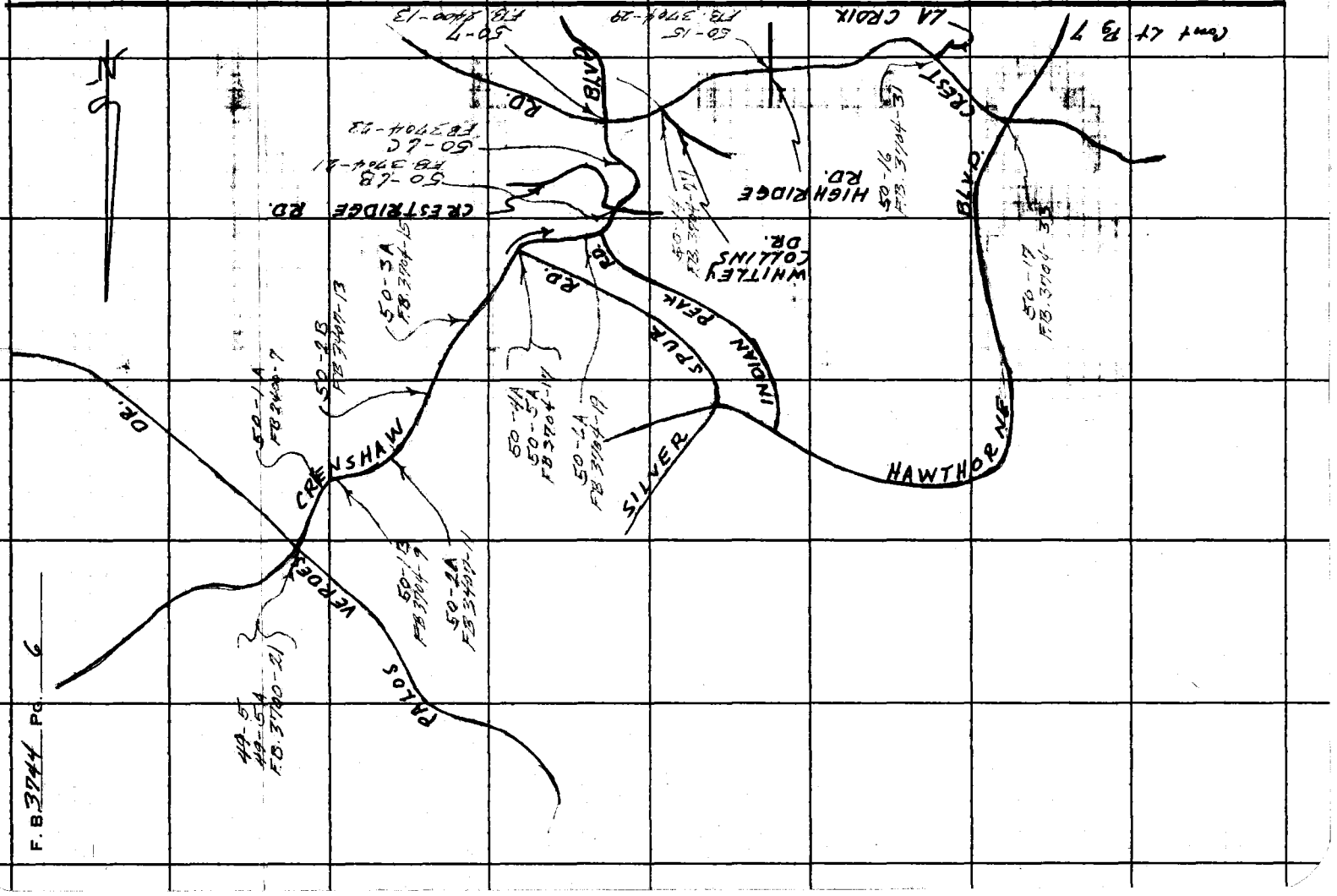

F.B. 3744 Pg. 6

76F3095 CE #310 6-63

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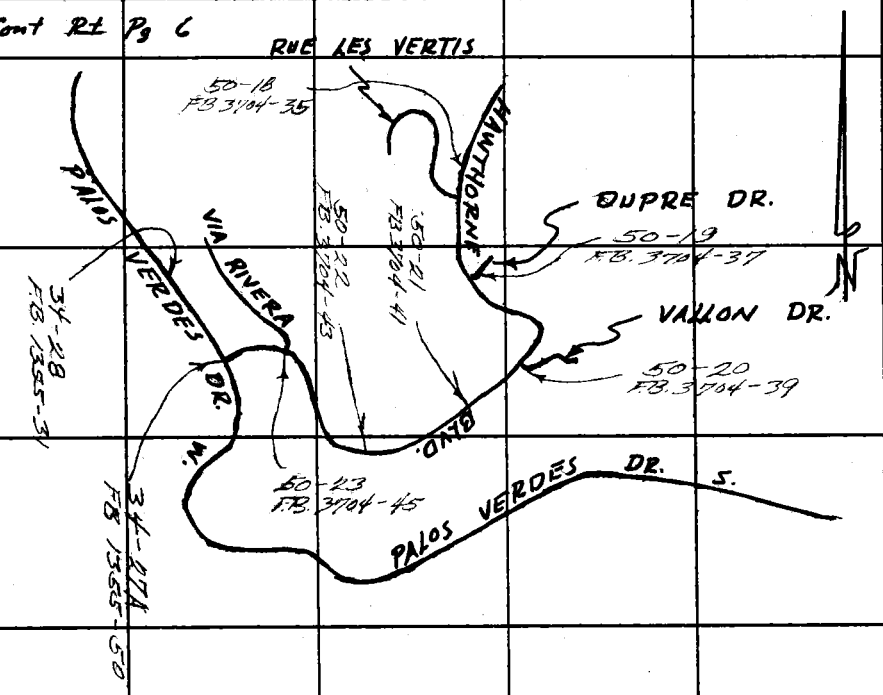
Cont Rt Pg 6



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

Survey of U.A. Co. Precise Level Net
JN 0320.02 Tape _____ Std. _____ °F
Surveyed by F. E. Brooks
Notes F. E. Brooks Date May 63
Indexed C. J. GALLI

F. B. 3744 PG. 7

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F.B. 3744 PG. 8

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY F. E. Brooks WEATHER clear INST. NO. 9716
NOTES BY F. E. Brooks DATE 26 May 1965 TIME 2:40 - ROD NO. 9-19
INDEXED G. J. GALLI DATE NOTES CHK'D DATE JUN 10 '65
F.B. 3744 Pg. 9

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 49-5A TO BM 49-5
BM 49-5A									BM 49-5A Palos Verdes Dr. N. and Crenshaw Blvd.
	183	489	484 5	195/171 24	116	085	416 5	128/102 26	See F.B. 3700-21
									T K.M. Kopp
BM 49-5									BM 49-5 Palos Verdes Dr. N. and Crenshaw Blvd. See F.B. 3700-21

Total Backsights = + 183.489
Total Foresights = − 116.085
Diff. Elev. = + 68.404

Backsight stadia = 24
Foresight Stadia = 26
Total Stadia = 50 meters

Summation of Run
From B.M. 49-5A
To B.M. 49-5

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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

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM-49-5 TO BM49-5A
BM. 49-5									BM-49-5 Palos Verdes Dr. N. and Crenshaw Blvd. See F.B. 3700-21
	112	319	413	5	125 99	26	180	769	481 5 192 168 24
									π KM Kapp
BM-49-5A									BM. 49-5A Palos Verdes N and Crenshaw Blvd. See F.B. 3700-21

Summation of [illegible]
From B.M.
To B.M.

Total Backsights = + 112.319
Total Foresights = − 180.769
Diff. Elev. = −68.450

Backsight stadia = 26
Foresight Stadia = 24
Total Stadia = 50

F.B. 3744 PG. 10 JOB NO. 0301.02
Co. Precise Level No.
SURVEY OF
SURVEY BY E. E. Brooks NOTES F.E.B. 26 May 65
INDEXED G. J. GALLT DATE

WEATHER Clear INST. NO. 96716
TIME 2:45 ROD NO. 9-19
NOTES CHKD [illegible] DATE JUN 10 '65

76P526 CE # 308 3-61

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM. 49-5 TO BM. 50-1A
BM. 49-5									BM. 49-5 Palos Verdes Dr. N. and Crenshaw Blvd. See F.B. 3700-21
1	145	382	446 5	171 119 52	66	185	367 5	91 41 50	
2	257	121	558 5	280 234 46 98	60	450	361 5	84 36 48 98	Summation of Run From B.M. 49-5 To B.M. 50-1A
3	264	204	565 5	289 239 50 148	58	230	359 5	83 33 50 148	Total Backsights = + 1111.356
4	244	108	545 5	264 224 40 188	76	721	377 5	96 56 40 188	Total Foresights = − 380.696
5	200	541	501 5	207 193 14 202	119	110	420 5	126 112 14 202	Diff. Elev. = + 730.660
	1111	356			380	696			π KM Kapp
									Backsight stadia = 202
									Foresight Stadia = 202
									Total Stadia = 404 meters
BM 50-1A									BM 50-1A Crenshaw Blvd W. side 0.25 mi. S. of Palos Verdes Dr. N. See F.B. 2400-7

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

SURVEY BY F. E. Brooks

NOTES BY E. E. Brooks DATE 26 May 1965

INDEXED C. J. GALLE DATE

WEATHER Clear

TIME 2:55 - 3:15

NOTES CHKD. [illegible] DATE JUN 10 '65

INST. NO. 96716

ROD NO. 9-19

F.B. 3744 PG. 11

PLEASE RETURN TO

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 50-1A TO BM 49-5
BM 50-1A									BM 50-1A Crenshaw Blvd W. side 0.25 mi S. of Palos Verdes Dr. N. see F.B. 2400-7
1	115	255	416 5	122 108 14	189	171	490 5	196 182 14	
2	70	888	371 5	90 50 40 54	250	163	551 5	270 230 40 54	π K.M. Kapp.
3	58	230	359 5	83 33 50 104	255	385	556 5	280 230 50 104	
4	58	401	359 5	82 34 48 152	257	879	558 5	280 234 46 150	
5	82	738	383 5	108 56 52 204	163	603	464 5	189 137 52 202	
	385	512			1,116	201			
BM 49-5									BM 49-5 Crenshaw Blvd and Palos Verdes Dr. N. see F.B. 3700-21

Summation of Run
From B.M. 50-1A
To B.M. 49-5

Total Backsights = + 385,512
Total Foresights = − 1,116,201
Diff. Elev. = + 730,689

Backsight stadia = 204
Foresight Stadia = 202
Total Stadia = 406 METERS

F.B. 3744 PG. 12

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E. Brooks NOTES F.E.B. 2 June 65

INDEXED G. J. GALL DATE

WEATHER Overcast INST. NO. 86716

TIME 11:10 – 11:20 ROD NO. 9-19

NOTES CHKD [signature] DATE JUN 10 '65

76P526 CE # 308 3-61

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM. 50-1A TO BM. 50-1B
BM. 50-1A			5						BM. 50-1A. Crenshaw Blvd. W. Side .25 Mi. So. of Palos Verdes Dr. N. FB. 2400-7 * Mr. Ken Kapp
1	299	088	600 5	299 ½ 281 36	16	221	317 5	33 ½ 16 34	
2	295	000	596 5	295 ½ 281 28	21	920	322 5	35 7 28	
3	290	801	591 5	298 64 282 16	31	740	332 5	40 22 62 18	
	884.889			80	69.881			80	

Summation of Run
From B.M. 50-1A
To B.M. 50-1B

Total Backsights = + 884.889
Total Foresights = − 69.881
Diff. Elev. = + 815.008

Backsight stadia = 80
Foresight Stadia = 80
Total Stadia = 160 Meters

BM. 50-1B
Crenshaw Blvd. S'ly. side in Front of house #26688
See FB. 3704-9

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

SURVEY BY F. E. Brooks

NOTES BY V.F. Lieber DATE 5-27-65

INDEXED C. J. GALLI DATE

WEATHER Hazy

TIME 8:45 - 9:00

NOTES CHKD. [illegible] DATE

INST. NO. 96716

ROD NO. G-19

F.B. 3744 PG. 13

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM50-1B TO BM50-1A
BM50-1B									BM50-1B Crenshaw Blvd S'ly side in front of house #26688 See F.B. 3704-9
1	46	600	347 5	54 38 16	291	870	592 5	298 284 14	
2	26	427	327 5	38 14 24 40	284	377	585 5	298 270 28 42	π K.M. Kapp
3	8	410	309 5	26 8 18 12 36 76	257	625	558 5	275 239 36 78	
4	155	135	456 5	157 153 4 80	217	765	518 5	219 215 4 82	
	236	572			~~979~~	~~637~~	S.W.		
BM50-1A					1051	637			BM50-1A Crenshaw Blvd W. side .25 mi S'ly of Palos Verdes Dr. N. See F.B. 2400-7

Summation of Run
From B.M. 50-1B
To B.M. 50-1A

Total Backsights = +236.572
Total Foresights = −~~979~~ 1051.637
Diff. Elev. = −~~743~~ 815.065

Backsight stadia = 80
Foresight Stadia = 82
Total Stadia = 162 METERS

F.B. 3744 PG. 14
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY E. E. Brooks NOTES FEB 2 June 65
INDEXED E. J. DATE
JOB NO. 0301.02
WEATHER overcast INST. NO. 96716
TIME 10:55 - 11:05 ROD NO. 9-19
NOTES CHKD DATE JUN 30 '65

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY F. E. Brooks WEATHER Clear INST. NO. 96716
NOTES BY F. E. Brooks DATE 27 May 1965 TIME 9:00 - 2:45 ROD NO. 9-19
INDEXED C. J. GALLE DATE NOTES CHKD DATE JUN 10 '65
F.B. 3794 Pg. 15

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 50-1B TO BM 50-2A
BM 50-1B.									BM 50-1B. Crenshaw Blvd S'ly Side. In Front of house # 26688
1	272	994	573	5	24	282	325	5	FB. 3704-9
2	290	391	591	5	16	929	317	5	T.K. M.Kapp
3	281	213	582	5	6	741	307	5	Summation of Rus
4	285	108	586	5	8	886	309	5	From B.M. 50 - 1B
5	275	020	576	5	17	571	328	5	To B.M. 50 - 2A
6	173	750	474	5	39	121	340	5	
7	280	105	581	5	9	943	310	5	
8	269	065	570	5	12	650	313	5	
9	222	650	523	5	140	208			Used steel tape
	2350	346			286	131			

Total Backsights = + 2350.346
Total Foresights = − 286.131
Diff. Elev. = +2064.215

Backsight stadia = 198
Foresight Stadia = 200
Total Stadia = 398 meters

BM 50-2A

BM 50-2A
Crenshaw Blvd 0.57 mi. S'ly of Palos Verdes Dr. N.
See FB. 3704-11

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F.B. 3794 Pg. 16 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES F.B. 2 June 63

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96116

TIME 10:20 - 10:50 ROD NO. 9-19

NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 50-2A TO BM 50-1B
BM 50-2A			Used 3 wire tape						BM 50-2A Crenshaw Blvd. 0.57 mi. S'ly of Palos Verdes Dr. N. See F.B. 3704-11
1	123	865	—	126 120 6	196	408	477	5 178 174 4	
2	10	515	311	5 20 10 10x2 20 20	279	893	578	5 286 268 18 22	T ~~K~~ K M Kapp
3	21	270	322	5 30 12 18 44	280	410	581	5 288 272 16 38	
4	7	557	308	5 16 9 9x2 18 62	174	612	495	5 183 165 18 56	Summation of Run: From B.M. 50-2A To B.M. 50-1B
5	67	475	368	5 75 59 16 98	289	490	590	5 298 279 19 75	
6	15	070	316	5 26 4 22 100	284	201	585	5 294 274 20 95	Total Backsights = + 286,670 ✓
7	13	091	314	5 28 13 15x2 30 130	290	601	591	5 290 277 13x2 26 129	Total Foresights = − 2,350,810 ✓
8	16	782	317	5 30 2 28 158	285	477	586	5 300 270 30 159	Diff. Elev. = −2,064,140 ✓
9	11	045	312	5 31 11 20x2 40 198	291	618	592	5 291 269 22x2 44 203	Backsight stadia = 198 ✓ 209 ✓ Foresight Stadia = Total Stadia = 401 meters
	286	670 ✓			2,350	810 ✓			
BM 50-1B									BM 50-1B Crenshaw Blvd S'ly side in front of house # 26688 See F.B. 3704-9

76P526 CE # 308 3-61

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM. 50-2A									FROM BM 50-2A TO BM 50-2B
									BM. 50-2A.
1	172	965	used steel tape	184 180 4	100	403	401 5	103 98 5	Crenshaw Blvd. E'ly Side .57 of Mi. S'ly From Palos Verde Dr. N.
2.	261	983	562 5	269 253 16	14	168	315 5	23 5 18	See F.B. 3704-11
3	290	172	591 5	300 280 20 20	14	865	315 5	22 6 23 16	Ken Kapp.
4	292	616	593 5	300 284 40 16	3	743	304 5	11 3 1/2 39 16	
5	274	493	575 5	281 267 56 14	62	410	363 5	69 55 55 14	
6.	269	962	570 5	276 262 70 14	45	785	346 5	52 38 69 14	
7	270	115	571 5	277 263 84 14	37	576	338 5	43 31 83 12	
8	273	069	574 5	279 267 98 12	33	408 ~~280~~	334 5	40 26 95 14	
9	285	709	586 5	292 278 110 14	23	709	324 5	31 15 109 16	
10	288	591	589 5	295 281 124 14	34	721	335 5	41 27 125 14	
11	288	550	589 5	296 280 128 16	39	498	340 5	46 32 139 14	BM. 50-2B.
12	246	762	547 5	254 238 154 16	57	710	358 5	66 48 153 18	Crenshaw Blvd. W'ly side .77 of a mile So. of Palos Verde Dr. N.
	3,214.987			170	467.996			171	See F.B. 3704-13

Summation of Run
From B.M. 50-2A.
To B.M. 50-2B

Total Backsights = + 3,214.987
Total Foresights = − 467.996
Diff. Elev. = + 2,746.991

Backsight stadia = 170
Foresight Stadia = 171
Total Stadia = 341

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

SURVEY BY R. E. Brook

NOTES BY V. F. Lieber DATE 5-27-65

INDEXED C. J. GALLI DATE

WEATHER Sunny

TIME 9:45 - 10:30

NOTES CHKD [illegible] DATE JUN 10 '65

INST. NO. 96716

ROD NO. 9-19

F.B. 3744 Pg. 17

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA
BM.50-2B								
1	56	773	357 5	65 47 18	249	141	550 5	258 240 18
2	60	022	361 5	67 53 14 32	299	472	600 5	299 292 7x2 14 32
3	43	532	344 5	50 36 14 46	282	460	583 5	289 275 14 46
4	34	421	335 5	42 26 16 62	291	180	592 5	298 284 14 60
5	34	943	335 5	41 27 14 76	294	869	595 5	301 287 14 74
6	34	628	335 5	40 28 12 88	265	440	566 5	272 258 14 88
7	45	599	346 5	52 38 14 102	269	082	568 5	273 261 12 100
8	54	260	355 5	61 47 14 116	269	965	568 5	274 260 14 114
9	16	840	317 5	24 8 16 132	265	382	566 5	271 259 12 126
10	9	270	310 5	18 9 9x2 18 150	300	929	601 5	300 289 11x2 22 148
11	5	656	306 5	13 5 8x2 16 160	288	330	589 5	298 278 20 168
12	86	948	387 5	88 84 4 170	157	746	—	159 155 4 172
	482,886				3,229,996			

used steel tape

DESCRIPTION AND REMARKS

FROM BM.50-2B TO BM-50-2A

BM.50-2B.
Crenshaw Blvd W'ly side
.77 of a mile So. of
Palos Verde Dr. N.
See FB.3704-13
π KM Kapp

Summation of Run
From B.M. 50-2B
To B.M. 50-2A

Total Backsights = + 482886
Total Foresights = -3229996
Diff. Elev. = -2,747,110

Backsight stadia = 170
Foresight Stadia = 172
Total Stadia = 342 METERS

BM.50-2A.
Crenshaw Blvd E'ly side
.57 of a mile S'ly of
Palos Verde Dr N.
See FB.3704-11

F.B. 3744 PG. 18 JOB NO. 0301.02

SURVEY OF L. A. Co. Precise Lev. Net
SURVEY BY E. E. Brook NOTES PEB 21 June 65
INDEXED C. J. GALLI DATE

WEATHER overcast INST. NO. 96116
TIME 9:30 - 10:05 ROD NO. 9-[illegible]19
NOTES CHKD [illegible] DATE JUN 10 '65

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY E.E. Brook WEATHER clear INST. NO. 96716
NOTES BY E.E. Brook DATE 27 May 1965 TIME 8:30 - 11:10 ROD NO. 2-19
INDEXED C.J. GALLI DATE NOTES CHKD DATE
F.B. 3744 Pg. 19

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM BM.50-2B TO BM.50-3A
BM50-2A											BM. 50-2B. Crenshaw Blvd. W'ly. side .77 of a mile So. of Palos Verdes Dr. N. See F.B. 3704-13
1	289	501	590 5	296 282	14	33	015	334 5	40 26	14	
2	275	120	576 5	281 269	12 26	45	541	346 5	51 37	12 26	
3	290	111	591 5	298 282	16 42	25	918	326 5	32 18	14 40	
4	290	770	591 5	297 283	14 56	31	408	332 5	38 24	14 54	T K M Kapp
5	291	237	592 5	298 284	14 70	9	333	310 5	17 9	8x2 16 70	
6	269	325	590 5	276 262	14 84	34	340	335 5	41 27	14 84	
7	271	350	592 5	278 264	14 98	39	457	340 5	46 32	14 98	
8	255	847	556 5	262 248	14 112	40	420	341 5	47 33	14 112	
9	299	560	600 5	299 292	7x2 14 126	29	020	330 5	36 22	14 126	
10	278	154	579 5	284 272	12 138	40	693	341 5	46 34	12 138	
11	284	709	585 5	291 277	14 152	44	211	345 5	51 37	14 152	
12	301	799	602 5	301 294	7x2 14 166	32	740	333 5	39 25	14 166	
13	296	900	597 5	286 289	7x2 14 180	23	760	324 5	30 16	14 180	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
				180				180	FROM BM 50-2B TO BM 50-3A
14	290	461	591 5	297 283 14 194	33	048	334 5	40 26 14 194	Summation of Run From B.M. 50-2B To B.M. 50-3A
15	286	083	587 5	293 279 14 208	36	902	337 5	43 29 14 208	Total Backsights = + 4,645.114 ✓ Total Foresights = − 667.177 ✓
16	149	391	450 5	157 141 16 224	5	625	306 5	14 5 9x2 18 226	Diff. Elev. = + 3,977.937 ✓
17	224	798	525 5	227 221 6 230	161	950	462 5	165 157 8 234	Backsight stadia = 230 ✓ Foresight Stadia = 234 ✓ Total Stadia = 464 ✓
	4,645.114 ✓				667.177 ✓				
BM 50-3A									BM 50-3A Crenshaw Blvd. E'ly side .18 mi. N. of Silver Spur Rd. See F.B. 3704-15

F.B. 3744 PG. 20

JOB NO. 0301.02

SURVEY OF A. Co. Precise Level Net

SURVEY BY F.E. Brown NOTES F.E.B.

INDEXED G. J. GALLI DATE

WEATHER clear INST. NO. 96716

TIME 10:30 - 11:10 ROD NO. 9-19

NOTES CHKD [illegible] DATE JUN 10 '65

76P526B CE # 306 6-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — F.B. 7744 Pg 24

SURVEY BY R. E. Brooks — WEATHER Overcast — INST. NO. 2776

NOTES BY F.E.B. — DATE 8 June 1965 — TIME 8:40 - 9:20 — ROD NO. Q-19

INDEXED — DATE — NOTES CHKD C. J. Gallu — DATE JUN 10 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM.50-3A TO BM.50-2B
BM.50-3A													BM.50-3A. Crenshaw Blvd. E'ly side .18 of mile N. of Silver Spur Rd. See F.B. 3704-15
1	154	677	455	5	158 / 160	0	211	668	512	5	214 / 208	6	
2	9	969	308	5	16 / 7	9+2 / 10 / 26	170	859	471	5	179 / 163	14 / 20	
3	56	906	357	5	62 / 50	12 / 38	290	090	591	5	297 / 283	14 / 34	T K. M. Kapp
4	41	358	342	5	47 / 35	12 / 50	291	875	592	5	298 / 284	14 / 48	
5	21	392	322	5	28 / 14	14 / 64	296	771	597	5	296 / 289	7+2 / 14 / 62	
6	35	083	336	5	42 / 28	14 / 78	299	456	600	5	299 / 292	7+2 / 14 / 76	
7	35	948	336	5	42 / 28	14 / 92	280	810	581	5	287 / 279	14 / 90	
8	35	765	336	5	42 / 29	12 / 104	275	343	576	5	281 / 269	12 / 102	
9	23	633	324	5	30 / 16	14 / 118	288	528	589	5	295 / 281	14 / 116	
10	37	215	338	5	44 / 30	14 / 132	270	388	571	5	277 / 263	14 / 130	
11	46	823	349	5	53 / 39	14 / 146	277	041	576	5	284 / 270	14 / 144	
12	46	930	346	5	52 / 38	14 / 160	277	941	578	5	284 / 270	14 / 158	
13	15	400	316	5	22 / 8	14 / 174	294	160	595	5	294 / 287	7+2 / 14 / 172	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER overcast INST. NO. 96716
TIME 8:40 - 9:20 ROD NO. 9-14
NOTES CHKD [illegible] DATE

F.B. 3744 PG. 22 JOB NO. 0301.02
SURVEY OF L. A. Co. Precise Level Net
SURVEY BY M.E. Brooks NOTES F.B.
INDEXED C. J. GALLI DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM. 50-3A TO BM. 50-2B
						174						192	
14	36	198	739	5	42 30 12	186	294	468	696	5	301 287 14	196	Summation of Run From B.M. To B.M.
15	21	421	322	5	28 14 14	200	288	935	589	5	294 280 14	202	Total Backsights = + 703,245 Total Foresights = − 4681,231 Diff. Elev. = 3,977,986
16	52	520	353	5	58 46 12	212	277	129	578	5	283 271 12	214	
17	35	174	336	5	42 28 14	222	295	849	594	5	295 280 7×2 14	228	Backsight stadia = 226 Foresight Stadia = 228 Total Stadia = 454 MICHM
	703	2 45					4,681,	281					

BM 50-2B

BM 50-2B
Crenshaw Blvd. W'ly. side + 7/10 of a mile So. of Palos Verde Dr. N
See F.B. 3704-13

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 50-3A									FROM BM50-3A TO BM. 50-4A
1	267	101	568 5	271 263 8	61	124	362 5	66 57 9	BM. 50-3A. Crenshaw Blvd. E'ly. side. .18 of a mile N. of Silver Spur Rd. See F.B. 3704-15
2	226	984	527 5	232 222 10 18	56	573	357 5	61 51 10 19	
3	271	352	572 5	278 264 14 32	10	332	311 5	17 3 14 33	* ~~Kapp~~ Rodriguez
4	288	718	589 5	295 281 14 46	10 ~~25~~	874 ~~397~~	311 5 ~~326~~ 5	17 3 32 18 14 47	
5	275	478	576 5	281 269 12 58	25	094	326 5	32 18 14 61	
6	299	762	600 5	299 292 7x2 14 72	27	493	328 5	34 20 14 75	
7	291	020	592 5	298 284 14 86	10	879	311 5	17 3 14 89	
8	281	080	582 5	287 274 13 99	38	370	339 5	45 31 14 103	
9	296	998	597 5	296 291 5x2 10 109	20	569	321 5	27 14 13 116	
10	286	630	587 5	293 279 14 123	52	963	353 5	58 46 12 128	
11	285	843	586 5	292 278 14 137	22	378	323 5	27 17 10 138	
12	280	799	581 5	286 274 12 149	5	160	306 5	12 5 7x2 14 152	

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

SURVEY BY E. E. Brooks WEATHER Sunny INST. NO. 96716

NOTES BY V.F. Lieber DATE 5-28-65 TIME 1475 9:00-9:50 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE JUN 10 '65

F.B. 3744 PG. 23

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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. 3744 Pg. 24 JOB NO. 0301.02

SURVEY OF L. A. Co. Precise Level Net

SURVEY BY A. E. Brook NOTES VFL, # FEB.

INDEXED G. J. GALLI DATE

WEATHER Clear INST. NO. 96716

TIME 9:00 - 9:50 ROD NO. 9-19

NOTES CHKD DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 50-3A TO BM 50-4A
			149			152	
13	292 ECO	593 5	300 284 IC 165	IC 492	317 5	CY 8 IC 168	
14	194 648	495 5	205 182 23 188	810 313	511 5	222 197 25 193	✓
	3839 273 ✓			~~559 450~~ 568 612 ✓			
BM 50-4A							BM 50-4A Crenshaw Blvd and Silver Spur Rd. See F.B. 3704-19

Summation of Run
From B.M. 50-3A
To B.M. 50-4A

Total Backsights = + 3839.273 ✓
Total Foresights = − 568.612 ✓
Diff. Elev. = +3270.661 ✓

Backsight stadia = 188 ✓
Foresight Stadia = 193 ✓
Total Stadia = 381 ✓ meters

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM50-4A TO BM 50-3A
BM50-4A													BM50-4A Crenshaw Blvd and Silver Spur Rd. See F.B. 3704-19 π R.R. Rodriguez
1	225	826	526	5	238 212	26	208	271	509	5	219 197	22	
2	12	574	313	5	20 4	16 42	298	949	599	5	298 290	8x2 16 38	
3	36	117	337	5	42 30	12 54	292	950	593	5	299 285	14 52	
4	30	626	331	5	36 24	12 66	263	659	564	5	269 257	12 64	
5	19	107	320	5	25 12	13 79	288	644	589	5	294 281	13 77	
6	17	768	318	5	24 10	14 93	273	450	574	5	280 266	14 91	
7	32	655	333	5	39 25	14 107	288	390	589	5	295 281	14 105	
8	20	613	321	5	27 13	14 121	290	614	591	5	297 283	14 119	
9	15	250	316	5	22 8	14 135	287	378	588	5	294 280	14 133	
10	14	565	315	5	21 7	14 149	290	104	591	5	296 284	12 145	
11	37	919	338	5	44 30	14 163	299	093	600	5	299 292	7x2 14 159	
12	20	128	321	5	27 13	14 177	295	510	596	5	295 288	7x2 14 173	

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

SURVEY BY F.E.B. WEATHER overcast INST. NO. 96916

NOTES BY F.E.B. DATE 1 June 1965 TIME 2:00 - 2:45 ROD NO. 9-19

INDEXED C. J. GALLE DATE NOTES CHKD [signature] DATE JUN 10 '65

F.B. 3744 PG. 25

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM50-4A TO BM 50-3A
						177						173	
13	71	224	372	5	75 / 67	8 / 185	254	163	555	5	259 / 249	10 / 183	
14	88	579	389	5	92 / 84	8 / 193	282	574	583	5	286 / 278	8 / 191	
	642	951					3913	749					
BM 50-3A													BM 50-3A Crenshaw Blvd E'ly side 0.18 of a mile N. of Silver Spur Rd. See F.B. 3704-15

Summation of Run
From B.M. 50-4A
To B.M. 50-3A

Total Backsights = + 642.951
Total Foresights = − 3913.749
Diff. Elev. = − 3270.798

Backsight stadia = 193
Foresight Stadia = 191
Total Stadia = 384 meters

F.B. 3744 PG. 26 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Nr.
SURVEY BY P. E. Brooks NOTES FEB
INDEXED C. J. GALLE DATE

WEATHER overcast INST. NO. 96916
TIME 2:00 - 2:45 ROD NO. 9-19
NOTES CHKD [signature] DATE JUN 10 '65

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible]ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES
HIS SHEET MUST BE MADE OR
[illegible]LED IN RED INK, WITH DATE AND
NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY F.E. Brook, WEATHER Clear INST. NO 96716
NOTES BY F.E.B. DATE 28 May 1965 TIME 9:55 ROD NO 8-69
INDEXED C.J. GALLI DATE NOTES CHKD. DATE JUN 10 '65
F.B. 3744 Pg. 17

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA		FROM BM.50-4A TO BM.50-5A
BM.50-4A									BM.50-4A. Crenshaw Blvd and Silver Spur Rd.
	163	266	464 5	169 157 12	65 050	366 5	172 58 14		~~37~~ FB.3704-17
									T R.R. Rodriguez
BM 50-5A									BM 50-5A. Crenshaw Blvd and Silver Spur Rd. See FB. 3704-17-18
									Summation of Run From B.M. 50-4A To B.M. 50-5A
									Total Backsights = + 163.255 Total Foresights = − 65.050 Diff. Elev. = +98.205
									Backsight stadia = 12 Foresight Stadia = 14 Total Stadia = 26 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM.50-5A TO BM.50-4A
BM.50-5A	68	152	369 5	74 62 12	166	293	467 5	173 160 13	BM. 50-5A. Crenshaw Blvd. and Silver Spur Rd. See FB. 3704-17-18 ⊼ RR Rodriguez
BM.50-4A									BM.50-4A. Crenshaw Blvd and Silver Spur Rd. see FB. 3704-17 Summation of Run From B.M. 50-5A To B.M. 50-4A Total Backsights = + 68.152 ✓ Total Foresights = − 166.293 ✓ Diff. Elev. = −98.141 ✓ Backsight stadia = 12 ✓ Foresight Stadia = 13 ✓ Total Stadia = 25 ✓ meters

WEATHER overcast INST. NO. 96716

TIME 1:55 ROD NO. 9-19

NOTES CHKD [signature] DATE JUN 10 '65

F.B. 3744 PG. 28 JOB NO. 0301.02

SURVEY OF A. Co. Precise Level Net

SURVEY BY ~~R. E. Brook~~ NOTES FEB 1 June 65

INDEXED C. J. CALLI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM. 50-5A TO BM. 50-6A
BM. 50-5A									BM. 50-5A Crenshaw Blvd. and Silver Spur Rd. See F.B. 3704-17, 18
1	261	277	562 5	274 248 26	23	502	324 5	35 11 24	
2	217	408	518 5	225 209 16 42	5	734	306 5	13 5 8x2 16 40	
3	276	188	577 5	282 270 12 54	32	103	333 5	38 26 12 52	
4	270	437	571 5	277 263 14 68	22	938	323 5	29 15 14 66	
5	251	868	552 5	257 245 12 80	20	064	321 5	27 13 14 80	
6	276	377	577 5	283 269 14 94	16	722	317 5	23 9 14 94	
7	287	099	588 5	294 280 14 108	13	554	314 5	20 6 13 107	
8	281	816	582 5	288 274 14 122	16	799	317 5	23 9 14 121	
9	282	421	583 5	288 276 12 134	8	342	309 5	14 1 13 134	
10	292	278	593 5	299 285 14 148	10	549	311 5	17 3 14 148	
11	299	514	600 5	299 293 6x2 12 160	14	638	315 5	20 8 12 160	
12	280	350	581 5	286 274 12 172	9	488	310 5	15 2 13 173	

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

SURVEY BY E. E. Brook DATE 28 May 1965 WEATHER clear INST. NO. 96716

NOTES BY FEB TIME 10:00 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE JUN 10 '65

F.B. 3744 PG. 29

F.B. 3744 PG. 30
SURVEY OF L. A. Co. Precise Level Net
SURVEY BY L.E. Brock NOTES FEB.
INDEXED C. J. GALLI DATE
JOB NO. 0301.02

WEATHER Clear INST. NO. 26716
TIME 10:00 - 11:10 ROD NO. 8-19
NOTES CHKD. [illegible] DATE

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
				172				173	FROM BM 60-5A TO BM 60-CA
13	273	214	574 5	279 267 12 184	22	032	323 5	28 16 12 185	
14	261	162	562 5	268 254 14 198	12	944	313 5	19 5 14 199	
15	268	334	569 5	274 262 12 210	34	612	335 5	40 28 12 211	Summation of Run From B.M. 60-5A To B.M. 60-CA
16	267	192	568 5	274 260 14 224	15	414	316 5	22 8 14 225	
17	264	253	565 5	270 258 12 236	41	475	342 5	47 36 11 236	
18	262	842	563 5	269 255 14 250	25	675	326 5	32 18 14 250	Total Backsights = + 5390.025 ✓ Total Foresights = − 431.217 ✓ Diff. Elev. = +4958.808 ✓
19	254	970	555 5	261 247 14 264	44	428	345 5	50 38 12 262	
20	261	025	562 5	269 253 16 280	40	212	341 5	46 32 14 278	Backsight stadia = 280 ✓ Foresight Stadia = 278 ✓ Total Stadia = 558 meters
	5390	025 ✓			431	217 ✓			
BM 50-CA									BM 60-CA Crenshaw Blvd. 0.10 mi N'ly of Indiana Peak Rd. See F.B. 3704-19

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM50-LA TO BM 50-5A
BM50-LA									BM 50-LA
1	42	768	343 5	50 33 17	264	643	565 5	271 256 15	Crenshaw Blvd 0.10 mi N'ly of Indiana Peak Rd. See F.B. 3704-19
2	52	685	353 5	58 46 12 29	262	608	563 5	268 256 12 27	π S. WILL
3	40	856	341 5	47 33 14 43	279	300	580 5	286 272 14 41	
4	53	862	354 5	59 47 12 55	269	911	570 5	275 263 12 53	
5	23	329	324 5	30 16 14 69	278	773	579 5	285 271 14 67	
6	55	842	356 5	61 49 12 81	255	720	556 5	261 249 12 79	1:00 HR FOR LUNCH
7	8	808	309 5	15 8 7x2 14 95	288	510	589 5	295 281 14 93	π RR Rodriguez
8	24	547	325 5	31 17 14 109	271	072	572 5	277 265 12 105	
9	21	263	322 5	28 15 13 122	299	681	600 5	299 292 7x2 14 119	
10	25	354	326 5	31 19 12 134	296	118	597 5	296 290 6x2 12 131	
11	3	504	304 5	10 3 7x2 14 148	298	620	599 5	298 291 7x2 14 145	
12	13	803	314 5	20 6 14 162	287	758	588 5	293 281 12 157	

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

SURVEY BY F. E. Brooks

NOTES BY R.R. RODRIGUEZ F.E.B. DATE 1 June 1965

INDEXED C. J. GALLI DATE

WEATHER Cloudy INST. NO. 96716

TIME 10:30 TO 1:50 ROD NO. 9-19

NOTES CHKD [illegible] DATE JUN 10 '65

F.B. 3744 PG. 31

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA
				162				157
13	25	294	326 5	32 18 14 176	287	664	588 5	293 281 12 169
14	20	114	321 5	26 13 13 189	286	297	587 5	293 279 14 183
15	27	683	328 5	33 21 12 201	297	083	598 5	297 290 7x2 14 198
16	31	694	332 5	37 24 13 214	267	625	568 5	274 260 14 211
17	44	297	345 5	51 37 14 228	298	474	599 5	298 291 7x2 14 225
18	47	093	348 5	52 41 11 239	272	773	573 5	278 266 12 237
19	4	665	305 5	12 4 8x2 16 255	225	139	526 5	233 217 16 253
20	32	555	333 5	43 21 22 277	271	139	572 5	283 259 24 277
	600	016			5558	908		
BM 50-5A								

DESCRIPTION AND REMARKS

FROM BM 50-6A TO BM 50-5A

Summation of Run
From B.M. 50-6A
To B.M. 50-5A

Total Backsights = + 600.016
Total Foresights = − 5558.908
Diff. Elev. = − 4958.892

Backsight stadia = 277
Foresight Stadia = 277
Total Stadia = 554 meters

BM 50-5A
Crenshaw Blvd and
Silver Spur Rd.
See F.B. 3704-17, 18

F.B. 3744 PG. 32

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES R.R. Rodriguez FEB June 65

INDEXED C. J. GALLI DATE

WEATHER overcast INST. NO. 96716

TIME 11:30-1:50 ROD NO. 9-19

NOTES CHKD [signature] DATE [illegible]

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — F.B. 3744 Pg. 31

SURVEY BY W. E. Brooks — WEATHER Clear — INST. NO. 96 716

NOTES BY FEB — DATE AB May 1965 — TIME 11:15 - 11:45 — ROD NO. 9-19

INDEXED — DATE — C. J. GALLE — NOTES CHKD. — DATE 10-65

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 50-6A TO BM-50-6B
BM. 50-6A													BM. 50-6A. Crenshaw Blvd. .10 of a mile N'ly of c. Indian Peak. Rd. See F.B. 3704-19
1	297	642	598	5	297 288	9×2 18	91	308	372	5	80 62	18	
2	287	990	588	5	287 240	17×2 34 50	98	079	399	5	114 82	32 50	
3	181	394	482	5	197 165	32 84	50	339	351	5	67 33	34 84	T R. R. Rodriguez
4	291	308	592	6	291 276	15×2 30 114	9	441	310	5	24 9	15×2 30 114	
5	266	332	567	5	274 258	16 130	46	092	347	5	54 38	16 130	
6	273	674	574	5	283 263	20 150	49	638	348	5	57 37	20 150	
7	231	695	532	5	243 219	24 194	60	960	321	5	71 48	23 193	✓
	~~1832~~ 1829	~~835~~ 835	✓				383	857	✓				
BM 50-6B													BM 50-6B Crenshaw Blvd and Crestridge Rd. See F.B. 3704-21

Summation of Run
From B.M. 50-6A
To B.M. 50-6B

Total Backsights = + 1829.835 ✓
Total Foresights = − 383.857 ✓
Diff. Elev. = +1445.978 ✓

Backsight stadia = 174 ✓
Foresight Stadia = 173
Total Stadia = 347 meters

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT					
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA	
BM 50-6B												
	~~70~~	~~405~~										
1	70	405	371	5	81 / 58	23	234	233	535	5	246 / 222	24
2	52	795	353	5	62 / 42	20	284	493	585	5	294 / 274	20
						43						44
3	47	679	348	5	55 / 39	16	269	508	570	5	276 / 261	15
						59						59
4	17	768	318	5	31 / 3	27	276	785	577	5	291 / 261	30
						86						89
5	34	055	335	5	52 / 16	36	191	543	492	5	207 / 175	32
						122						121
6	94	279	395	5	110 / 78	32	260	829	561	5	277 / 243	34
						154						155
7	57	109	358	5	67 / 47	20	286	782	587	5	296 / 277	19
						174						174
8	201	010	502	5	204 / 198	6	216	832	517	5	219 / 213	6
						180						180
	575	100					2021	005				
BM 50-6A												

DESCRIPTION AND REMARKS

FROM BM 50-6B TO BM 50-6A

BM 50-6B
Crenshaw Blvd and Crestridge Rd.
See F.B. 3704-21

⊼ S. WILL

Summation of Run
From B.M. 50-6B
To B.M. 50-6A

Total Backsights = + 575.100
Total Foresights = − 2021.005
Diff. Elev. = − 1445.905

Backsight stadia = 180
Foresight Stadia = 180
Total Stadia = 360 meters

BM 50-6A
Crenshaw Blvd. 0.10 of a mile N'ly of Indiana Peak Rd.
See F.B. 3704-19

F.B. 3744 PG. 34
JOB NO. 0301.02
SURVEY OF A. Co. Precise Level Net
SURVEY BY E. E. Brook NOTES S. R. RODRIGUEZ
INDEXED C. J. GALLI DATE

WEATHER Cloudy INST. NO. 96716
TIME 1055 to 11:29 ROD NO. 9-19
NOTES CHKD [illegible] DATE JUN 10 '65

76P526B CE # 306 8-59

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700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY F.E. Brooks WEATHER Clear INST. NO. 2716
NOTES BY F.E.B. DATE 23 May 1965 TIME 1:10 - 1:45 ROD NO. 2-19
INDEXED C. J. GALLE DATE NOTES CHKD. DATE JUN 10 '65
F.B. 3704 Pg. 35

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM. 50-6B TO BM. 50-6C
BM. 50-6B.													BM. 50-6B Crenshaw Blvd and Crestridge Rd. See F.B. 3704-21
1	278	929	578	5	284 / 278	16	93	313	374	5	81 / 65	16	
2	265	774	566	5	278 / 252	26 / 42	14	499	315	5	29 / 13	26 / 42	T. R.R. Rodriguez
3	265	148	566	5	274 / 254	18 / 60	32	685	339	5	41 / 23	18 / 60	
4	268	057	569	5	278 / 258	20 / 80	9	522	310	5	18 / 9	9x2 / 18 / 78	Summation of Run From B.M. 50-6B To B.M. 50-6C
5	272	317	573	5	280 / 264	16 / 96	28	237	329	5	36 / 20	16 / 94	
~~6~~							~~4~~	~~058~~	~~303~~	5	13 / 9	9x2 / 18 / 112	Total Backsights = + 2172.627 ✓ Total Foresights = − 248.532 ✓ Diff. Elev. = +1924.095
6	290	755	591	5	299 / 281	18 / 114	3	450	304	5	11 / 3	8x2 / 16 / 110	
7	260	570	561	5	266 / 264	12 / 126	55	928	356	5	61 / 49	12 / 122	Backsight stadia = 138 ✓ Foresight Stadia = 130 ✓ Total Stadia = 268 meters
8	293	077	574	5	279 / 267	12 / 138	30	898	331	5	35 / 27	8 / 130	
	2172	627	✓				248	532	✓				
BM 50-6C													BM 50-6C Crenshaw Blvd 0.17 mi. S'ly of Crestridge Rd. See F.B. 3704-23

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 50-LC													FROM BM 50-LC TO BM 50-LB
1	44	563	345	5	49 / 39	10	291	317	592	5	298 / 284	14	BM 50-LC 0.19 of a mile sly of Crenshaw Blvd ~~and~~ Crestridge Rd.
2	60	057	361	5	67 / 53	14	240	532	541	5	245 / 235	10	see F.B. 3704-23
3	7	088	308	5	16½ / 7	24 / 18	301	818	602	5	30½ / 29½	24 / 18	T S. WILL
4	23	340	324	5	31 / 15	42 / 16	280	030	581	5	288 / 272	42 / 16	Summation of Run From B.M. 50-LC To B.M. 50-LB
5	20	835	321	5	29 / 11	58 / 18	277	690	578	5	286 / 266	58 / 20	
6	37	222	338	5	46 / 28	76 / 18	265	694	566	5	274 / 255	78 / 19	Total Backsights = + 284.135 ✓
7	15	215	316	5	28 / 3	94 / 25	268	818	569	5	280 / 256	97 / 24	Total Foresights = − 2208.160 ✓
8	75	815	376	5	83 / 67	119 / 16	282	261	583	5	290 / 274	121 / 16	Diff. Elev. = −1924.025 ✓
	284	135 ✓				135	2208	160 ✓				137	Backsight stadia = 135 ✓
BM 50-LB													Foresight Stadia = 137 ✓
													Total Stadia = 272 meters
													BM 50-LB Crenshaw Blvd and Crestridge Rd. See F.B. 3704-21

WEATHER Cloudy INST. NO. 96716
TIME 10:19 TO 10:53 ROD NO. 9-19
NOTES CHKD [illegible] DATE JUN 10 '65

F.B. 3744 PG. 36 JOB NO. 0301.02
SURVEY OF L. A. Co. Precise Level Net
SURVEY BY E. E. Brooks NOTES R.R. RODRIGUEZ
INDEXED C. J. GALLI DATE

76P526B CE # 308 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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

SURVEY BY R. E. Brook

NOTES BY FEB DATE 28 May 1965 WEATHER Clear TIME 1:45 - 2:10

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE JUN 10 '65

F.B. 3744 Pg. 37

INST. NO. 96716

ROD NO. 9-19

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM-50-6C TO BM-50-7
BM-50-6C													BM. 50-6C Crenshaw Blvd. 17 of a mile S'ly. of Crestridge Rd. See 3704-23
1	258	724	559	5	264 252	12	101	113	402	5	107 94	13	
2	295	753	596	5	295 288	7x2 14 26	28 ~~39~~	619 ~~942~~	329 ~~340~~	5 5	35 21 46 32	14 ~~14~~ 27	
3	269	376	570	5	276 262	14 40	22	603	323	5	29 15	14 41	π R. R. Rodriguez
4	287	683	588	5	294 280	14 54	18	442	319	5	25 11	14 55	
5	266	652	567	5	273 259	14 68	35	448	336	5	42 28	14 69	
6	272	773	573	5	279 265	14 82	22	977	323	5	30 15	15 84	
7	282	492	583	5	290 274	16 98	56	027	357	5	64 48	16 100	
8	260	473	561	5	277 243	34 132	1189	318	490	5	207 171	36 136	✓
	2193	~~846~~ 926 ✓					474	547 ✓					
BM 50-7													BM50-7 Crenshaw Blvd and Crest Rd. See F.B. 2400-13

Summation of Run
From B.M. 50-6C
To B.M. 50-7

Total Backsights = + 2193.926 ✓
Total Foresights = − 474.547 ✓
Diff. Elev. = + 1719.379 ✓

Backsight stadia = 132 ✓
Foresight Stadia = 136 ✓
Total Stadia = 268 ✓ meters

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM50-7 TO BM50-6C
BM 50-7									BM50-7 Crenshaw Blvd and Crest Rd. See F.B. 2400-13
1	208	115	509 5	225 191 34	277	550	578 5	294 260 34	
2	65	634	366 5	74 56 18	279	767	580 5	287 271 16	
				52				50	π S. WILL
3	18	362	319 5	26 10 16	278	304	579 5	285 271 14	
				68				64	
4	51	516	352 5	58 44 14	299	308	600 5	299½ 291½ 16	
				82				80	
5	39	578	340 5	46 32 14	282	868	583 5	289 275 14	
				96				94	
6	27	436	328 5	35 19 16	276	581	577 5	283 269 14	
				112				108	
7	6	605	307 5	14½ 6½ 16	280	153	581 5	286 274 12	
				128				120	
8	96	704	397 5	103 89 14	259	004	560 5	265 253 12	
				142				132	
	513	950			2233	535			
BM 50-6C									BM 50-6C Crenshaw Blvd 0.19 of a mile S'ly of Crestride Rd. See F.B. 3704-23

Summation of Run
From B.M. 50-7
To B.M. 50-6C

Total Backsights = + 513.950
Total Foresights = − 2233.535
Diff. Elev. = − 1719.585

Backsight stadia = 142
Foresight Stadia = 132
Total Stadia = 274 meters

F.B. 3744 PG. 38 JOB NO. 0301.02
SURVEY OF A. Co. Precise Level Net
SURVEY BY F. E. Brook NOTES R.R. ROD RIGUEZ
INDEXED C. J. GALLI DATE
WEATHER Clouds INST. NO. 96716
TIME 9:45 to 10:17 ROD NO. 9-19
NOTES CHKD [illegible] DATE JUN 10 '65

76P526B CE # 308 8-59

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700 Los Angeles County Engineering Bldg.

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

SURVEY BY F. E. Brown

NOTES BY F.E.B. DATE 22 May 1960 WEATHER Clear INST. NO. 96716

INDEXED C. J. GALLI DATE TIME 2:10 - 2:40 ROD NO. 9-69

NOTES CHKD DATE

F.B. 3744 Pg. 39

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM. 50-7 TO BM. 50-14
BM 50-7													BM. 50-7 Crenshaw Blvd and Crest. Rd. See F.B. 2400-13
1	229	335	530	5	241 209	32	103	389	404	5	119 87	32	
2	233	139	534	5	255 211	44 76	69	905	370	5	92 46	46 78	
3	114	048	415	5	139 89	50 126	241	822	542	5	265 217	48 126	T. R. R. Rodriguez
4	29	178	330	5	44 14	30 156	281	640	582	5	296 266	30 156	
5	19	995	318	5	32 2	30 186	278	704	579	5	293 263	30 186	
6	25	009	326	5	41 9	32 218	264	358	565	5	280 248	32 218	
9	100	888	401	5	112 88	24 242	192	580	783	5	183 161	22 240	
	760	192	✓				1412	301	✓				
BM 50-14													BM 50-14 Crest Rd and Whitley Collins Dr. See F.B. 3704-29

Summation of Run
From B.M. 50-7
To B.M. 50-14

Total Backsights = + 760.192 ✓
Total Foresights = − 1412.301 ✓
Diff. Elev. = − 651.109 ✓

Backsight stadia = 242 ✓
Foresight Stadia = 240 ✓
Total Stadia = 482 ✓ meters

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700 Los Angeles County Engineering Bldg.

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F.B. 3744 PG. 40 JOB NO. 0301.02
SURVEY BY L. A. Co. Precise Level Net
SURVEY BY R.E. Brodie NOTES R.R. RODRIGUEZ
INDEXED L. J. GALLI DATE
WEATHER Cloudy INST. NO. 96716
TIME 9:10 To 5:45 ROD NO. 2-14
NOTES CHKD [illegible] DATE JUN 10 65

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM BM50-14 TO BM50-7
BM50-14									BM50-14 Crest Rd and Whitley Collins Dr. See F.B. 3704-27
1	173	029	474 5	184 162 22	118	276	419 5	129 107 22	
2	284	371 36	585 5	300 268 32	36	777	337 5	52 20 32	
3	292	994	593 5	292 277 30 54	26	960	327 5	41 11 30 84	↑ S. WILL
4	294	493	585 5	294 275 32 84	44	732	345 5	60 28 32 116	
5	270	814	571 5	273 247 46 116	137	813	438 5	163 111 52 168	
6	73	189	374 5	87 49 42 162	231	400	532 5	252 210 42 210	
7	97	625	398 5	114 80 34 204	223	450	629 5	247 209 38 248	✓
	1486	615	✓	238	824	438	✓		
BM50-7									BM50-7 Crenshaw Blvd and Crest Rd. See F.B. 2400-13

Summation of Run
From B.M. 50-14
To B.M. 50-7

Total Backsights = + 1486.615 ✓
Total Foresights = − 824.438 ✓
Diff. Elev. = +662.177 ✓

Backsight stadia = 238 ✓
Foresight Stadia = 248 ✓
Total Stadia = 486 Units

76P526B CE # 308 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM. 50-14 TO BM. 50-15
BM 50-14													BM 50-14 Crest Rd. So. Side and Whitley Collins Dr. See F.B. 3704-27
1	132	588	433	5	159 105	54	195	550	496	5	222 168	54	
2	115	220	416	5	142 88	54 108	296	589	597	5	296 269	27 54 108	
3	19	220	320	5	37 19	18 36 144	262	530	563	5	282 242	40 148	K. M. Kapp
4	16	331	317	5	35 16	19 38 182	279	338	580	5	297 261	36 184	
5	34	458	335	5	51 17	34 216	247	721	548	5	263 231	32 216	
6	5	383	306	5	30 5	25 50 266	289	239	590	5	289 264	25 50 266	
7	36	209	337	5	57 15	42 308	224	095	525	5	246 202	44 310	
	359	409					~~1435~~ 1795	~~645~~ 054					
BM 50-15													BM 50-15 Crest Rd. and Highridge Rd. See F.B. 3704-29

Summation of Run
From B.M. 50-14
To B.M. 50-15

Total Backsights = +359,409
Total Foresights = −1,795,054
Diff. Elev. = +1,435,645

Backsight stadia = 308
Foresight Stadia = 310
Total Stadia = 618 METERS

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY F. E. Brooks
NOTES BY R.E.B. DATE 21 June 65
INDEXED G. J. GALLI DATE
WEATHER Overcast
TIME 1:00 – 1:25
NOTES CHKD
INST. NO. 96716
ROD NO. 9-19
DATE JUN 30 65
F.B. 3744 Pg. 44

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 50-15 TO BM 50-14
BM 50-15													BM 50-15 Crest Rd and Highridge Rd. See F.B. 3704-29
1	227	524	528	5	249 205	44	51	741	352	5	72 30	42	
2	297	209	598	5	297½ 272	25 50 94	17	989	318	5	41½ 17	24 48 90	π Lieber
3	263	011	564	5	279 247	32 126	39	649	340	5	57 21	36 126	
4	290	074	591	5	290½ 272	18 36 162	23	973	324	5	42 4	38 164	
5	261	752	562	5	279 243	36 198	46	843	347	5	64 28	36 200	
6	291	105	592	5	291½ 264	27 54 252	69	235	370	5	96 42	54 254	
7	161	965	462	5	188 134	54 306	107	624	408	5	134 80	54 308	
	1792	640					357	054					
BM 50-14													BM 50-14 Crest Rd. S. side and Whitley Collins Dr. See F.B. 3704-27

Summation of Run
From B.M. 50 - 15
To B.M. 50 - 14

Total Backsights = + 1792.640
Total Foresights = − 357.054
Diff. Elev. = + 1435.586

Backsight stadia = 306
Foresight Stadia = 308
Total Stadia = 614

Meters

F.B. 3744 PG. 42 JOB NO. 0301.02
SURVEY OF L. A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES K. M. Kapp
INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96716
TIME 11:10 - 11:45 ROD NO. 9-19
NOTES CHKD [signature] DATE JUN 10 '63

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA	
BM.50-15												
1	106	100	407	5	130 / 82	52	207	141	508	5	232 / 182	50
2	79	940	380	5	110 / 48	62 / 114	227	321	528	5	258 / 196	62 / 112
3	82	608	383	5	100 / 64	36 / 150	260	538	561	5	277 / 243	34 / 146
4	30	962	331	5	44 / 16	28 / 198	277	580	578	5	291 / 263	28 / 174
5	45	901	346	5	59 / 33	24 / 202	254	080	555	5	266 / 242	24 / 198
6	50	380	351	5	62 / 38	24 / 226	245	769	546	5	256 / 234	22 / 220
7	38	723	339	5	50 / 26	24 / 250	232	038	533	5	244 / 220	24 / 244
8	87	709	388	5	102 / 72	30 / 280	206	890	507	5	222 / 190	32 / 276
9	67	651	368	5	92 / 42	50 / 330	239	218	540	5	266 / 212	54 / 330
10	83	400	384	5	112 / 54	58 / 388	292	756	593	5	292 / 264	28x2 / 56 / 386
11	50	368	351	5	68 / 32	36 / 424	258	119	559	5	276 / 240	36 / 422
12	2	533	303	5	24 / 2	22x2 / 44 / 468	291	005	592	5	291 / 270	21x2 / 42 / 464
	~~735~~ 726	~~275~~ 275	F.E.B.				2992	455				
BM50-16												

DESCRIPTION AND REMARKS

FROM BM.50-15 TO BM.50-16

BM.50-15
Crest Rd. and Highridge Rd. ℄ Int.
See F.B. 3704-29

T K.M. Kapp

Summation of Run
From B.M. 50-15
To B.M. 50-16

Total Backsights = ~~735.275~~ 726.275
Total Foresights = 2992.455
Diff. Elev. ~~2259.180~~ −2266.180

Backsight stadia = 468
Foresight Stadia = 464
Total Stadia = 932

BM 50-16
Crest Rd. N. side 204± ft E'ly of La Croix
See F.B. 3704-31

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY E. E. Brook
NOTES BY F.E.B. DATE 2 June 1965 WEATHER Overcast TIME 11:25 - 2:15 INST. NO. 96716
INDEXED C. J. GALLI DATE NOTES CHKD [signature] DATE JUN 10 '65 ROD NO. 9-19

F.B. 3744 Pg. 43

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA	
BM 50-16												
1	299	029	600	5	299 277	22x2 44	12	337	313	5	34 12	22x2 44
2	255	649 ~~605~~	556	5	273 237	36 80	46	804	347	5	64 28	36 80
3	290	405	591	5	290 262	28x2 56 136	77	272	378	5	106 48	58 138
4	225 ~~[illegible]~~	312	526	5	251 199	52 188	56	740	357	5	82 30	52 190
5	202	435	503	5	217 187	30 218	95	365	396	5	101 79	32 222
6	238	523	539	5	251 225	26 244	31	532	332	5	44 19	25 247
7	245	893	546	5	257 233	24 268	57	832	358	5	68 46	22 269
8	258	132	559	5	271 245	26 294	46	225	347	5	57 35	22 291
9	267	857	568	5	281 253	28 322	36	360 ~~350~~	337	5	50 22	28 319
10	272	805	573	5	288 255	33 355	77 ~~76~~	073 ~~593~~	378 ~~377~~	5 ~~5~~	95 58	37 356
11	217	810	518	5	248 186	62 417	85	442	386	5	185 55	60 416
12	221	242	522	5	246 196	50 467	105	659	406	5	129 81	48 464
	2995	092					728	641				
BM 50-15												

DESCRIPTION AND REMARKS

FROM BM50-16 TO BM50-15

BM50-16
Crest Rd N. side 204± ft. E'ly of La Croix
See F.B. 3704-31

π V.F. Lieber

Summation of Run
From B.M. 50-16
To B.M. 50-15

Total Backsights = + 2995.092
Total Foresights = − 728.641
Diff. Elev. = +2266.451

Backsight stadia = 467
Foresight Stadia = 464
Total Stadia = 931 meters

BM50-15
Crest Rd and Highridge Rd
See F.B. 3704-29

F.B. 3744 PG. 44 JOB NO. 0301.02
SURVEY OF L. A. Co. Precise Level Net
SURVEY BY B.E. Brodie NOTES F.E.B. 8 June 65
INDEXED C. J. GALLI DATE
WEATHER Broken Clouds INST. NO. 96716
TIME 10:10 – 11:05 ROD NO. 9-19
NOTES CHKD [signature] DATE JUN 10 '65

76P526B CE # 308 6-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET F.B. 3744 PG. 45

SURVEY BY R.E. Brooks WEATHER Fair INST. NO. 96716

NOTES BY F.E.S. L.T. GALL DATE 2 June 1965 TIME 2:30- ROD NO. 2-19

INDEXED DATE NOTES CHKD. DATE JUN 10 65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 50-16 TO BM 50-17
BM. 50-16													B.M 50-16 Crest Rd No. Side Approx 204 Ft. E'ly of L.B. Croix. See F.B. 3704-31
1	100	930	401	5	170 80	40	267	507	568	5	287 247	40	
2	58	702	359	5	77 43	70 70	286	793	587	5	301 271	30 40	
3	42	226	343	5	51 33	18 88	290	470	571	5	279 261	18 88	T K.M. Kapp.
4	44	152	345	5	53 35	18 106	265	910	546	5	274 256	18 106	
5	39	083	338	5	46 28	18 124	284	898 ~~910~~	585	5	293 275	18 124	
6	26	028	327	5	35 19	16 140	294	873	595	5	302 286	16 140	
7	17	985	318	5	24 10	14 154	297	635	598	5	297 290	12 14 154	
8	17	891	318	5	24 10	14 168	301	990	602	5	301 293	8 12 16 168	
9	25	493	326	5	31 19	12 180	274	221	575	5	280 268	12 180	
10	18	750	319	5	25 11	14 194	300	990	601	5	300 292	8 12 16 196	
11	26	265	327	5	32 20	12 208	277	318	578	5	283 271	12 210	
12	20	160	321	5	27 13	14 222	296	069	597	5	296 289	8 12 14 224	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM50-16 TO BM50-17
						222						224	
13	37	571	338	5	43 31	12 234	276	589	577	5	282 270	12 236	
14	29	540	330	5	36 22	14 248	267	685	568	5	274 260	14 250	
15	37	280	338	5	45 29	16 264	260	778	561	5	268 252	16 266	
16	113	110	414	5	119 107	12 276	191	229	492	5	197 185	12 278	
	653	056					4414	855					
BM 50-17													BM 50-17 Crest Rd and Hawthorne Blvd. See F.B. 3704-33

Summation of Run
From B.M. 50-16
To B.M. 50-17

Total Backsights = + 653.056
Total Foresights = − 4414.855
Diff. Elev = − 3761.799

Backsight stadia = 276
Foresight Stadia = 278
Total Stadia = 554 meters

F.B. 3744 PG. 46

SURVEY OF L. A. Co. Precise Level Net

SURVEY BY B. E. Brook NOTES F.E.B.

INDEXED C. J. GALLE DATE

JOB NO. 0301.02

WEATHER Broken Cloud INST. NO. 96716

TIME 2:30 - 3:00 ROD NO. 9-19

NOTES CHKD [signature] DATE JUN 10 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM50-17 TO BM 50-16
BM 50-17													BM50-17
1	185	572	486	5	191 179	12	88	789	389	5	94 82	12	Crest Rd and Hawthorne Blvd.
2	254	191	555	5	263 245	18 30	48	363	349	5	55 40	15 27	see F.B. 3704-33
3	258	342	559	5	265 251	14 44	21	958	322	5	28 14	14 41	T Lieber
4	264	548	565	5	270 258	12 56	25	410	326	5	32 18	14 55	
5	283	330	584	5	290 276	14 70	8	339	309	5	16 1/2 8	8 16 71	
6	282	258	583	5	288 276	12 82	25	368	326	5	31 18	13 84	
7	300	331	601	5	300 1/2 293	7 14 96	17	855	318	5	29 16	14 98	
8	278	783	579	5	284 272	12 108	34	548	335	5	40 28	12 110	
9	295	338	596	5	295 1/2 288	7 14 122	11	885	312	5	18 4	14 124	
10	298	464	599	5	298 1/2 291	7 14 136	20	232	321	5	28 12	16 140	
11	300	537	601	5	300 1/2 291	9 18 154	41	359	342	5	49 33	16 156	
12	299	963	600	5	299 1/2 290	9 18 172	38	912	339	5	47 29	18 174	

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

SURVEY BY F. E. Brooks

NOTES BY K. M. Kapp DATE 6-8-65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 26716

TIME 9:00-10:00 ROD NO. 9-19

NOTES CHKD [signature] DATE JUN 10 '65

F.B. 3744 Pg. 49

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM50-17 TO BM50-16
						172						174	
13	267	492	568	5	276 258	18 190	49	345	350	5	58 40	18 192	
14	277	464	578	5	286 268	18 208	47	067	348	5	56 38	18 210	
15	289	541	590	5	269½ 273½	16 32 240	59	545	360	5	74 44	30 240	
16	270	072	571	5	290 250	40 280	105	333	406	5	125 85	40 280	
	4406	226	✓				644	308	✓				
BM50-16													BM50-16 Crest Rd N. side 204± ft E'ly of La Croix Dr. See F.B. 3704-31

Summation of Run
From B.M. 50-17
To B.M. 50-16

Total Backsights = + 4406.226 ✓
Total Foresights = − 644.308 ✓
Diff. Elev. = + 3761.918 ✓

Backsight stadia = 280 ✓
Foresight Stadia = 280 ✓
Total Stadia = 560 ✓ Meters

F.B. 3744 PG. 48
JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES K.M. Kupp
INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96716
TIME 9:00 - 10:00 ROD NO. 9-19
NOTES CHKD [signature] DATE JUN 10 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM. 50-17 TO BM. -50-18
BM. 50-17													BM 50-17 Crest Rd. and Hawthorne Blvd. 'S'Ely' Cor. See F.B. 3704-33
1	69	599	370	5	78 60	18	276	601	577	5	285 267	18	
2	53	801	354	5	63 43	20 38	279	053	580	5	289 269	20 38	
3	14	513	315	5	25 3	22 60	297	705	598	5	297 286	11x2 22 60	π K M Kapp
4	16	090	317	5	27 5	22 82	291	750	592	5	302 280	22 82	
5	5	059	306	5	14 5	9x2 18 100	270	501	571	5	279 261	18 100	
6	33	785	334	5	42 24	18 118	269	053	570	5	278 260	18 118	
7	33	992	334	5	42 24	18 136	261	942	562	5	270 252	18 136	
8	42	542	343	5	51 33	18 154	278	228	579	5	287 269	18 154	
9	41	048	342	5	50 32	18 172	270	652	571	5	279 261	18 172	
10	48	915	349	5	57 39	18 190	263	860	564	5	272 254	18 190	
11	4	315	305	5	21 4	17x2 34 224	245	900	546	5	262 228	34 224	
12	69	778	370	5	87 51	36 260	247	360	548	5	266 228	38 262	

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

SURVEY BY F. E. Brook

NOTES BY FEB DATE 2 June 65

INDEXED C. J. GALLI DATE

WEATHER Broken Clouds INST. NO. 96716

TIME 9:00 - 9:40 ROD NO. 9-19

NOTES CHKD [signature] DATE 10 '65

F.B. 3744 Pg. 49

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

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

Do not extend notes this side of this line.

F.B. 3744 PG. 50 JOB NO. 0301.02 — SURVEY OF L. A. Co. Precise Level Net — SURVEY BY L.E. Brook NOTES F.E.B. — INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96116 — TIME 9:00 - 8:40 ROD NO. 4-19 — NOTES CHKD [illegible] DATE JUN 10 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM50-17 TO BM50-18
						110						112	
13	74	270	375	5	92 62	30 296	285	701	586	5	285 211	19x2 38 300	
14	104	250	405	5	110 98	12 308	302	035	503	5	208 196	12 312	✓
	178	520					587	736					
	698	789	✓				3740	341	✓				
BM50-18													BM50-18 Hawthorne Blvd. W. Side 0.40 mi. S'ly of Crest Rd. See F.B. 3704-38

Summation of Run
From B.M. 50-17
To B.M. 50-18

Total Backsights = + 11.957 ✓
Total Foresights = − 3740.341 ✓
Diff. Elev. = − 3728.384 ✓

Backsight stadia = 308 ✓
Foresight Stadia = 312 ✓
Total Stadia = 620 Meters

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 50-18 TO BM 50-17
BM50-18									BM 50-18
1	209	551	510 5	215 / 203 12	112	886	413 5	118 / 106 12	Hawthorne Blvd W. Side 0.40 mi s'ly of Crest Rd.
2	292	687	593 5	292 1/2 / 273 19 / 38 / 50	73	197	374 5	91 / 55 36 / 48	See F.B. 3704-35
3	245	822	546 5	264 / 226 / 264 38 / 88	76	355	377 5	99 / 58 36 / 89	π Will
4	247	956	548 5	264 / 230 34 / 122	3	807	304 5	20 1/2 / 3 17 / 34 / 118	
5	258	476	559 5	267 / 249 18 / 140	50	458	351 5	59 / 41 18 / 136	
6	278	336	579 5	287 / 269 18 / 158	47	362	348 5	56 / 38 18 / 154	
7	278	790	579 5	286 / 270 16 / 174	38	880	339 5	48 / 28 20 / 174	
8	267	388	568 5	276 / 258 18 / 192	50	968	351 5	59 / 41 18 / 192	
9	293	620	594 5	293 1/2 / 284 9 / 18 / 210	54	211	355 5	63 / 45 18 / 210	
10	291	533	592 5	300 / 282 18 / 228	12	179	313 5	21 / 3 18 / 228	
11	288	940	589 5	299 / 277 22 / 250	20	755	321 5	31 / 9 22 / 250	
12	299	180	600 5	299 1/2 / 288 11 / 22 / 272	14	755	315 5	25 / 3 22 / 272	

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

SURVEY BY F. E. Brock

NOTES BY K. M. Kapp DATE 6-7-65

INDEXED C. J. GALLI DATE

WEATHER Cloudy

TIME 2:20 - 3:10

NOTES CHKD [illegible] DATE JUN 10 '65

INST. NO. 96716

ROD NO. 9-19

F.B. 3744 PG. 57

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

WEATHER Cloudy INST. NO. 92116
TIME 2:20 - 3:10 ROD NO. 4-19
NOTES CHKD [illegible] DATE JUN 10 '65

F.B. 3704 Pg. 52
SURVEY OF L.A. Co. Precise Level Net JOB NO. 0311.02
SURVEY BY E. E. Brooks NOTES K.M. Kapp
INDEXED C. J. GALLI DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 50-18 TO BM 50-17
			272			272	
13	285 658	586 5	296 274 22 297	60 903	361 5	69 51 18 290	
14	275 639	576 5	284 266 18 312	68 524	369 5	78 58 20 310 ✓	
BM 50-17	3013 578	/		685 240 ✓			BM 50-17 Crest Rd and Hawthorne Blvd. SE'ly Cor. See F.B. 3704-33

Summation of Run
From B.M. 50-18
To B.M. 50-17

Total Backsights = + 3013.578 ✓
Total Foresights = − 685.240 ✓
Diff. Elev. = + 3128.338 ✓

Backsight stadia = 312 ✓
Foresight Stadia = 310 ✓
Total Stadia = 622 ✓ Meters

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 50-18 TO BM 50-19
BM.50-18													BM. 50-18
1	40	285	341	5	50 30	20	270	503	571	5	281 259	22	Hawthorne Blvd. W. Side .40 of a mile S'ly. of Crest Rd.
2	23	700	32[illegible]	5	34 12	22 42	242	128	543	5	254 230	24 46	See F.B. 3704-35
3	19	336	320	5	30 8	22 64	294	802	595	5	294 282	12x2 24 72	π K.M. Kapp
4	30	725	331	5	40 20	20 84	283	137	584	5	292 274	18 88	
5	38	650	339	5	46 28	20 104	286	195	587	5	247 297	20 108	Summation of Run From B.M. 50-18 To B.M. 50-19
6	22	922	323	5	32 12	20 124	271	010	572	5	279 263	16 124	
7	6	675	307	5	17 6	12x2 24 148	281	161	582	5	292 270	22 146	Total Backsights = + 295.144 ✓ Total Foresights = − 2735.192 ✓ Diff. Elev. = − 2440.048 ✓
8	45	148	346	5	53 37	16 164	273	698	574	5	282 264	18 164	
9	28	353	329	5	38 18	20 184	278	453	579	5	288 268	20 184	Backsight stadia = 198 ✓ Foresight Stadia = 196 ✓
10	39	350	340	5	46 32	14 198	254	105	555	5	260 248	12 196	Total Stadia = 394 meters
	295	144	✓				2735	192	✓				
BM 50-19													BM 50-19 Hawthorne Blvd. N'ly side 73 ft. W. of Dupre Dr. Curb Return N.W'ly Cor. See F.B. 3704-37

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

SURVEY BY [illegible] WEATHER Rain overcast INST. NO. 96716

NOTES BY FEB DATE 3 June 1965 TIME 10:10 - 10:35 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE JUN 10 65

F.B. 3744 Pg. 53

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA	
BM 50-19												
1	237	479	538	5	243 231	12	29	810	330	5	36 22	14
2	291	704	592	5	291 280	11x2 22 34	46	672	347	5	56 36	20 34
3	277	913	578	5	286 268	18 52	37	539	338	5	45 29	16 50
4	277	005	578	5	288 266	22 74	7	654	308	5	18 7	11x2 22 72
5	285	358	586	5	295 275	20 94	31	471	332	5	40 22	18 90
6	293	508	594	5	293 284	9x2 18 112	39	378	340	5	49 29	20 110
7	278	908	579	5	288 268	20 132	30	205	331	5	40 20	20 130
8	291	799	592	5	291 280	11x2 22 154	19	780	320	5	30 8	22 152
9	239	929	540	5	251 227	24 178	22	634	323	5	32 12	20 172
10	270	476	571	5	280 260	20 198	30	818	339	5	49 27	22 194
	2744	079					303	961				
BM 50-18												

DESCRIPTION AND REMARKS

FROM BM50-19 TO BM50-18

BM 50-19
Hawthorne Blvd. and
Dupre Dr. N.W. cor.
See F.B. 3704-37

⊼ S. Will

Summation of Run
From B.M. 50-19
To B.M. 50-18

Total Backsights = + 2744.079
Total Foresights = − 303.961
Diff. Elev. = +2440.118

Backsight stadia = 198
Foresight Stadia = 194
Total Stadia = 392 meters

BM 50-18
Hawthorne Blvd W side
0.40 mi S. Crest Rd.
See F.B. 3704-35

F.B. 3744 PG. 54 JOB NO. 0301.02
SURVEY OF L. A. Co. Precise Level Net
SURVEY BY R. E. Brook NOTES FEB 7 June 1965
INDEXED C. J. GALLI DATE
WEATHER over east INST. NO. 96716
TIME 1:40 – 2:10 ROD NO. 2-19
NOTES CHKD [illegible] DATE JUN 10 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY F.E. Brooks WEATHER Overcast INST. NO. 2476

NOTES BY F.E.B. DATE 3 June 1964 TIME 1115 - 1410 ROD NO. 9-11

INDEXED C.J. GALLI DATE NOTES CHKD DATE JUN 10 '65

F.B. 3744 Pg. 55

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM BM 50-19 TO BM 50-20
BM 50-19											BM 50-19 Hawthorne Blvd and Dupre Dr. N.W. Cor. See F.B. 3704-37
1	10	069	311	5	42 10 12x2 24	293	870	594	5	293 280 13x2 26	
2	31	355	332	5	38 24 14 38	274	970	575	5	281 267 14 40	
3	25	119	326	5	33 19 14 54	294	045	595	5	294 286 8x2 16 56	
4	16	712	317	5	24 8 16 70	275	404	576	5	283 269 14 72	
5	51	862	352	5	58 44 14 84	268	042	569	5	275 261 14 86	
6	30	903	331	5	38 22 16 100	297	537 [illegible]	598	5	297 289 8x2 16 102	
7	37	209	338	5	44 30 14 114	265	869	566	5	272 258 14 116	
8	50	060	351	5	57 43 14 128	260	222	561	5	269 255 14 130	
9	54	660	355	5	61 47 14 142	260	085	561	5	267 253 14 144	
10	55	750	356	5	62 48 14 156	250	612	551	5	257 243 14 158	
11	44	293	345	5	51 37 14 170	258	254	559	5	264 252 12 170	
12	37	587	338	5	44 30 14 184	266	540	569	5	273 259 14 184	
13	47	580	348	5	54 40 14 198	268	447	569	5	275 261 14 198	

T K. M. Kapp

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA
				198				198
14	53	329	354 5	60 46 14 212	277	726	578 5	284 270 14 212
15	38	951	339 5	46 30 16 228	263	000	564 5	270 256 14 226
16	21	269	322 5	28 14 14 242	258	405	559 5	264 252 12 238
17	44	702	345 5	50 38 12 254	273	449	574 5	280 266 14 252
18	50	980	351 5	57 43 14 268	267	860	568 5	274 260 14 266
19	44	329	345 5	51 37 14 282	260	198	561 5	267 253 14 280
20	50	858	351 5	56 44 12 294	270	520	571 5	276 264 12 292
21	37	492	338 5	44 30 14 308	280	128	581 5	286 274 12 304
22	38	459	339 5	44 32 12 320	276	796	577 5	282 270 12 316
23	25	463	326 5	32 18 14 334	284	678	585 5	290 278 12 328
24	34	080	335 5	40 28 12 346	262	105	563 5	268 256 12 340
	933	561			6508	762		
BM 50-20								

DESCRIPTION AND REMARKS

FROM BM50-19 TO BM50-20

Summation of Run
From B.M. 50-19
To B.M. 50-20

Total Backsights = + 933.561
Total Foresights = − 6508.762
Diff. Elev. = −5575.201

Backsight stadia = 346
Foresight Stadia = 340
Total Stadia = 686 meters

BM50-20
Hawthorne Blvd and Vallon Dr.
See F.B. 3704-39

F.B. 3744 PG. 56

SURVEY OF B.A. Co. Precise Level Nos.
SURVEY BY F. E. Brooks NOTES
INDEXED L. J. GALLI DATE

JOB NO. 0301.02

WEATHER overcast INST. NO. 96716
TIME 11:15 - 12:10 ROD NO. 9-19
NOTES CHKD. DATE JUN 10 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY E. E. Brooks

NOTES BY K. M. Kapp DATE 6-7-65 WEATHER Cloudy TIME 11:15-1:30 INST. NO. 96716 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE 10-65

F.B. 3744 PG. 57

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 50-20 TO BM 50-19
BM 50-20													BM 50-20
													HAWTHORNE Blvd. and VALLON DR.
1	275	064	576	5	282 / 268	14	48	470	349	5	54 / 42	12	SEE F.B. 3704-39
2	280	026	581	5	286 / 274	12 / 26	18	200	319	5	24 / 12	12 / 24	⊼ Will
3	284	932	585	5	290 / 278	12 / 38	36	642	337	5	42 / 30	12 / 36	
4	272	016	573	5	278 / 266	12 / 50	40	730	341	5	46 / 34	12 / 48	
5	273	832	574	5	280 / 266	14 / 64	57	819	358	5	64 / 50	14 / 62	
6	268	635	569	5	275 / 261	14 / 78	50	959	351	5	66 / 44	22 / 84	
7	277	173	578	5	284 / 270	14 / 92	58	338	359	5	65 / 51	14 / 98	
8	281	216	582	5	289 / 273	16 / 108	52	072 / ~~662~~	353	5	58 / 46	12 / 110	
9	260	135	561	5	267 / 253	14 / 122	21	995	322	5	28 / 14	14 / 124	
10	257	937	558	5	264 / 250	14 / 136	36	864	337	5	44 / 28	16 / 140	
11	278	894	579	5	285 / 271	14 / 150	51	250	352	5	58 / 44	14 / 154	
12	267	706	568	5	275 / 259	16 / 166	45	738	346	5	52 / 38	14 / 168	
13	267	543	568	5	74 / 60	14 / 180	39	993	340	5	45 / 33	12 / 180	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
				180				180	FROM BM50-20 TO BM50-19
14	253	362	554 5	259 247 12 192	48	988	349 5	55 41 14 194	1 hr. for lunch
15	253	842	554 5	260 246 14 206	53	733	354 5	60 46 14 208	
16	258	783	559 5	265 251 14 220	50	621	351 5	57 43 14 222	Summation of Run From B.M. 50-20 To B.M. 50-19
17	268	000	569 5	275 261 14 234	60	577	361 5	66 54 12 234	
18	254	683	555 5	262 246 16 250	23	494	324 5	30 16 14 248	Total Backsights = +6563.485 ✓
19	295	449	596 5	295 1/2 287 8 16 266	29	713	330 5	37 21 16 264	Total Foresights = −988.312 ✓
20	271	039	572 5	278 264 14 280	56	272	357 5	63 49 14 278	Diff. Elev. = +5575.173 ✓
21	285	633	586 5	293 277 16 296	38	896	339 5	46 30 16 294	
22	301	369	602 5	301 1/2 293 8 16 312	18	145	319 5	26 10 16 310	Backsight stadia = 348 ✓
23	275	195	576 5	282 268 14 326	36	392	337 5	43 29 14 324	Foresight Stadia = 346 ✓
24	301	021	602 5	301 1/2 290 11 22 348	12	411	313 5	23 1/2 12 11 22 346 ✓	Total Stadia = 694 ✓ meters
	6563	485 ✓			988	312 ✓			
BM50-19									BM. 50-19 HAWTHORNE BLVD. + DUPRIE DR. N.W. COR. SEE F.B. 3704-37

F.B. 3744 PG. 58

JOB NO. 0301.02

SURVEY OF K. A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES K. M. Kapp

INDEXED C. J. GALLI DATE

WEATHER Cloudy INST. NO. 96716

TIME 11:05 - 1:30 ROD NO. 9-19

NOTES CHKD [signature] DATE JUN 10 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA	
BM 50-20												
1	4	408	305	5	12 4	8x2 16	270	382	571	5	277 263	14
2	44	191	345	5	51 37	14 30	249	301	550	5	256 242	14 28
3	35	870	336	5	42 28	14 44	273	093	574	5	280 266	14 42
4	14	970	315	5	23 5	18 62	270	328	571	5	278 262	16 58
5	40	282	341	5	49 31	18 80	276	299	577	5	284 265	22 80
6	31	440	332	5	42 20	22 102	281	040	582	5	292 270	22 102
7	8	820	309	5	22 8	14x2 28 130	290	820	591	5	290 277	13x2 26 128
8	18	642	319	5	30 6	24 154	298	423	599	5	298 286	12x2 24 152
9	39	869	340	5	51 27	24 178	294	463	595	5	294 281	13x2 26 178
10	26	510	327	5	37 15	22 200	276	228	577	5	288 264	24 202
11	67	740	368	5	75 59	16 216	179	283	480	5	185 173	12 214
	333	042					2959	660				
BM 50-21												

DESCRIPTION AND REMARKS

FROM BM 50-20 TO BM 50-21

BM 50-20
Hawthorne Blvd. and Vallon Dr. North East corner.
See F.B 3704-39

π K M Kapp

Summation of Run
From B.M. 50-20
To B.M. 50-21

[redacted] 333.042
[redacted] 2959.660
[redacted] -2626.618

Backsight stadia = 216
Foresight Stadia = 214
Total Stadia = 430 meters

BM 50-21
Hawthorne Blvd w/y side 0.30 mi. S'ly of Vallon Dr.
See F.B. 3704-41

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

SURVEY BY E. Brooks

NOTES BY FEB DATE 3 June 1965

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 1:25 - 2:10 ROD NO. 9-29

NOTES CHKD [signature] DATE JUN 10 '65

F.B. 3744 Pg. 59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F.B. 3744 PG. 60 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY T.E. Brook NOTES FEB 4/MAY 15

INDEXED C. J. GALLI DATE

WEATHER overcast INST. NO. 96716

TIME 2:50 - 3:30 ROD NO. 2-14

NOTES CHKD DATE JUN 10 '65

STATION	BACKSIGHT				STADIA		FORESIGHT				STADIA		DESCRIPTION AND REMARKS
	RIGHT		MIC.	LEFT			RIGHT		MIC.	LEFT			FROM BM 50-21 TO BM 60-20
BM 50-21													BM 50-21
											173		Hawthorne Blvd W'ly side 0.30
1	179		414	480	5	185 173 12	64		498	365	55	18	mile S'ly of Vallon Dr.
											52		See F.B. 3704-41
2	285		379	586	6	298 272 26 38	41		063	342	30	22 90	
											44		T. S. W. ill
3	295		989	596	5	295 282 13xx 26 04	32		046	333	20	24 04	Summation of Run
											78		From B.M. 50-21
4	293		910	594	5	297 281 16xx 24 88	24		996	325	11	26 90	To B.M. 50-20
											24	12xx	
5	248		832	549	5	262 234 28 116	12		330	313	12	24 114	
											17	12xx	Total Backsights = + 2880.511 ✓
6	299		106	600	5	299 286 13xx 26 142	5		088	306	5	24 136	Total Foresights = − 253.977 ✓
													Diff. Elev. = + 2626.534 ✓
7	233		678	534	5	242 224 18 160	16		168	317	26 6	20 188	
											10	9xx	
8	258		990	659	5	266 250 16 196	8		723	309	8	18 196	Backsight stadia = 220 ✓
											38		Foresight Stadia = 224 ✓
9	280		055	581	5	289 273 16 190	29		548	330	20	18 194	Total Stadia = 444 meters
											21		
10	234		055	535	6	242 226 16 206	14		213	315	7	14 208	
									704		13	8xx	
11	271		103	572	6	278 264 14 220	5		~~306~~	306	6	16 224	
	2880	511					253	977					BM 60-20
BM 60-20													Hawthorne Blvd and Vallon Dr.
													See F.B. 3704-39

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM-50-21 TO BM. 50-22
BM-50-21													BM. 50-21
1	49	662	350	5	62 36	26	297	168	598	5	297 284	13x2 26	Hawthorne Blvd. W'ly side .30 of a mile South of Vallon Dr.
2	12	440	313	5	24 12	12x2 24 50	295	698	596	5	295 283	12x2 24 50	See F.B. 3704 - 41
3	12	253	313	5	24 12	12x2 24 74	299	200	600	5	299 287	12x2 24 74	π K.M. Kapp
4	44	462	345	5	54 34	20 94	297	737	598	5	297 287	10x2 20 94	
5	48	301	349	5	57 39	18 112	266	663	567	5	275 257	18 112	
6	40	370	341	5	49 31	18 130	266	802	567	5	275 257	18 130	
7	39	867	340	5	49 29	20 150	282	768	583	5	292 272	20 150	
8	12	488	313	5	22 3	19 169	272	186	573	5	282 262	20 170	
9	36	182	337	5	46 26	20 189	256	336	557	5	265 247	18 188	
10	41	460	342	5	51 31	20 209	253	361	554	5	263 243	20 208	
11	34	440	335	5	44 24	20 229	240	365	541	5	250 230	20 228	
12	49	423	350	5	59 39	20 249	255	059	556	5	265 245	20 248	

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

SURVEY BY R.E. Brook WEATHER Broken Clouds INST. NO. 96716

NOTES BY F.E.B. DATE 3 June 1965 TIME 2:10 - 3:00 ROD NO. 9-19

INDEXED C. J. [illegible] DATE NOTES CHKD. [illegible] DATE

F.B. 3744 Pg. 61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM50-21 TO BM50-22
						249						248	
13	64	232	365	5	73 55	18 267	251	590	552	5	260 242	18 266	
14	79	835	380	5	87 71	16 283	187	200	488	5	194 180	14 280	
	565	415					3722	123					
BM50-22													BM50-22 Hawthorne Blvd. N. Side 239 ft ± NE'ly of entrance to U.S. Army Nike Base. See F.B. 3704-43

Summation of Run
From B.M. 50-21
To B.M. 50-22

Total Backsights = 565.415
Total Foresights = 3722.123
Diff. Elev. = 3156.708

Backsight stadia = 283
Foresight Stadia = 280
Total Stadia = 563 meters

F.B. 3744 PG. 62 JOB NO. 0301.02
SURVEY OF L. A. Co. Precise Level Net
SURVEY BY E. E. Brook NOTES F.E.B.
INDEXED G. L. GALLI DATE

WEATHER Broken Clouds INST. NO. 96716
TIME 2:10 - 3:00 ROD NO. 9-19
NOTES CHKD [signature] DATE JUN 10 '65

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

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

SURVEY BY R. E. Brooks WEATHER Cloudy INST. NO. 26716

NOTES BY Wheeler DATE 6-4-65 TIME 2:00 - 2:50 ROD NO. 9-19

INDEXED G. J. Gallu DATE NOTES CHKD DATE JUN 10 '65

F.B. 3744 Pg. 63

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 50-22 TO BM 50-21
BM 50-22													BM 50-22
1	186	963	487	5	193 179	14	79	838	380	5	97 71	16	Hawthorne Blvd. N side 239Ft NE'ly of entrance to U.S. Army Nike Base
2	244	253	545	5	254 235	19	56	657	357	5	85 65	18	See F.B. 3704-43
3	251	520	552	5	261 241	33 20	46	137	347	5	56 36	34 20	T R. Rodriquez
4	234	331	535	5	244 224	53 20	27	837	328	5	37 17	54 20	
5	262	434	563	5	272 252	73 20	50	904	351	5	60 6	74 20	
6	258	592	559	5	267 249	93 18	37	947	338	5	46 38	94 18	
7	264	702	565	5	274 254	111 20	5	898	306	5	15 3	112 20	
8	271	851	572	5	281 261	131 20	27	632	320	5	37 17	132 20	
9	268	765	569	5	277 259	151 18	42	690	343	5	52 33	152 19	
10	266	827	567	5	276 256	169 20	48	628	349	5	57 40	171 17	
11	284	345	585	5	299 279	189 20	36	903	337	5	46 26	188 20	
12	300	140	601	5	306 288	209 182 24	7	068	308	5	19 7	208 182 24	
				5		233						232	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 50-22 TO BM 50-21
13	291	239	592	5	291 279	233 1x2 24	7	299	308	5	19 7	232 1x2 24	
14	287	370	588	5	300 274	257 26	40	638	341	5	52 28	256 24	
	3,672.738					283	516.076					280	
BM 50-21													BM 50-21 Hawthorne Blvd W'ly side 0.30 mi S. of Vallon Dr. See F.B. 3704-41

Summation of Run
From B.M. 50-22
To B.M. 50-21

Total Backsights = + 3,672.738
Total Foresights = − 516.076
Diff. Elev. = + 3,156.662

Backsight stadia = 283
Foresight Stadia = 280
Total Stadia = 563 Meters.

F.B. 3744 PG. 64 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY E. E. Brooks NOTES V F Lieber
INDEXED C. J. GALLI DATE

WEATHER Cloudy INST. NO. 9471C
TIME 2:00 - 2:50 ROD NO. 9-19
NOTES CHKD [signature] DATE JUN 10 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

JOB NO. 0301 SURVEY OF L.A. CO. PRECISE LEVEL NET (1929)

SURVEY BY L. Lee & C. Cady INST. NO. 22716

NOTES BY L. Lee & C. Cady DATE 2-4-65 TIME 1:00 PM ROD NO. 2-49

INDEXED C. Cady DATE 2-4-65 NOTES CHKD [signature] DATE JUN 10 '65

F.B. 3744 Pg. 65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM. 50-22 TO BM 50-23
BM. 50-22													BM. 50-22
1.	104	772	405	5	113 95	18	230	207	531	5	239 221	18	Hawthorne Blvd. N. Side
2.	52	849	353	5	61 43	18 36	236	846	537	5	245 227	18 36	Approx. 239 Ft. N. Ely of Entrance to US Army Nike Base.
3.	120	299	421	5	130 110	20 56	255	252	556	5	265 245	20 56	See F.B. 3704-45
4.	38	707	339	5	49 27	22 78	251	841	552	5	262 240	22 78	T. Rodriguez.
5	44	124	345	5	54 34	20 98	251	795	552	5	261 241	20 98	Summation of Run From B.M. 50-22 To B.M. 50-23
6.	38	059	339	5	49 27	22 120	267	714	568	5	277 256	21 119	
7	37	024	358	5	47 27	20 140	266	208	567	6	276 256	20 139	Total Backsights = 623.731
8.	14	943	316	5	24 3	21 161	274	957	575	5	284 264	20 159	Total Foresights = 3187.041
9.	12	086	313	5	23 1	22 183	274	358	575	5	284 264	20 179	Diff. Elev. = -2563.310
10.	32	558	333	5	42 22	20 203	285	423	586	5	296 274	22 201	Backsight Stadia = 277 Foresight Stadia = 285 Total Stadia = 562
11	44	074	345	6	55 33	22 225	262	188	563	5	274 250	24 225	
12.	28	364	329	6	41 15	26 251	282	894	583	6	299 265	34 259	BM. 50-23 Hawthorne Blvd N/o Rivera N. Ely Cor.
13	55	872	356	5	68 42	26 277	47	344	348	5	60 34	26 285	See F.B. 3704-45
	~~623.676~~ 623.731 ✓						3187.041 ✓						

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA	
BM.50-23												
1	27	598	328	5	41 13	28	35	027	336	5	48 22	26
2	269	638	570	5	285 253	32 60	16	091	317	5	30 2	28 54
3	260	150	561	5	271 249	22 82	42	114	343	5	54 30	24 78
4	278	623	579	5	288 268	20 102	25	877	326	5	36 14	22 100
5	271	224	572	5	281 [illegible]	20 122	8	968	309	5	19 8	11x2 22 122
6	277	227	578	5	287 267	20 142	16	800	317	5	27 5	22 144
7	265	510	566	5	275 255	20 162	36	707	337	5	46 26	20 164
8	273	537	574	5	284 262	22 184	43	614	344	5	53 32	21 185
9	257	567	558	5	267 247	20 204	53	371	354	5	63 43	20 205
10	257	830	558	5	268 246	22 226	41	304	342	5	52 30	22 227
11	259	387	560	5	269 249	20 246	97	363	398	5	107 87	20 247
12	210	120	511	5	219 201	18 264	45	511	346	5	54 36	18 265
13	222	414	523	5	231 [illegible]	17 281	104	613	405	5	113 95	18 283
BM 50-22	3130	825					567	360				

DESCRIPTION AND REMARKS

FROM BM-50-23 TO BM50-22

BM-50-23
Hawthorne Blvd. & Via Rivera. N. Ely Cor
See F.B. 3704-45

Summation of Run
From B.M. 50-23
To B.M. 50-22

Total Backsights = + 3130.825 ✓
Total Foresights = − 567.360 ✓
Diff. Elev. = + 2563.465 ✓

Backsight stadia = 281 ✓
Foresight Stadia = 283 ✓
Total Stadia = 564 meters

BM50-22
Hawthorne Blvd N. Side 239 ± ft
N Ely of entrance to US Army
Nike Base
See F.B. 3704-43

F.B. 3744 PG. 66 JOB NO. 0301.02
SURVEY OF L. A. Co. Precise Level Net
SURVEY BY E. E. Brooks NOTES FEB 4 June 65
INDEXED C. J. GALLI DATE

WEATHER overcast INST. NO. 96716
TIME 1:15-1:55 ROD NO. 9-19
NOTES CHKD [illegible] DATE JUN 10 '65

76P5268 CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY F.E. Brooks WEATHER Clear to Cloudy TIME 10:05 - 10:20 ROD NO. 2-76
NOTES BY F.E.B. DATE 4 June 1965 NOTES CHKD. DATE JUN 10 '65
INDEXED C.J. Gault DATE
F.B. 3744 Pg. 67

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM-50-23 TO BM.34-27A
BM.50-23													BM.50-23
1	31	374	332	5	45 17	28	293	143	594	5	293 280	13x2 26	Hawthorne Blvd. and Via Rivera N.E'ly Cor.
2	30	444	331	5	43 19	24 54	301	927	602	5	301 288	13x2 26 52	See F.B. 3704-45
3	21	440	322	5	31 11	20 74	283	661	584	5	293 273	20 72	T R.R. Rodriguez
4	14	584	315	5	24 4	20 94	283	178	584	5	293 273	20 92	Summation of Run From B.M. BM. 50-23 To B.M. 34-27A.
5	31	699	332	5	41 22	19 113	265	483	656	5	247 246	18 110	Total Backsights = 174,220
6	44	449	345	5	55 33	22 135	189	988	490	5	401 177	24 134	Total Foresights = 1607,380
	174,220						1607,380						Diff. Elev. = -1433,160
													Backsight stadia = 135
													Foresight Stadia = 134
													Total Stadia = 269 Meters.
BM 34-27A													BM 34-27A Hawthorne Blvd and Palos Verdes Dr. W. See F.B. 1355-50

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM.34-27A TO BM.50-23
BM.34-27A													BM.34-27A. Hawthorne Blvd. & Palos Verde Dr. W. See FB. 1355-50
1	191	486	492	5	203 / 179	24	46	108	347	5	57 / 35	22	
2	238	169	539	5	247 / 229	18	16	468	317	5	26 / 6	20	
						42						42	Summation of Run From B.M. 34-27A To B.M. 50-23
3	272	173	573	5	282 / 262	20	17	403	318	5	27 / 7	20	
						62						62	
4	282	964	583	5	292 / 272	20	19	404	320	5	29 / 9	20	
						82						82	Total Backsights = + 1,581,638
5	299	699	600	5	299 / 286	1x2 26	26	250	327	5	39 / 13	26	Total Foresights = − 148,523
						108						108	Diff. Elev. = +1,433.115
6	~~297~~	~~147~~	598	5	297 / 284	1x2 26	~~29~~	~~864~~	~~320~~	~~5~~	~~43 / 13~~	~~28~~	
	1,581	638				134	22	890	323	5	36 / 8	26	Backsight Stadia = 134
							148	523				134	Foresight Stadia = 134
													Total Stadia = 268
BM.50-23													BM.50-23. Hawthorne Blvd & Via Rivera N. E'ly Cor. See FB. 3704-45

F.B. 3744 PG. 68 JOB NO. 030602

SURVEY OF L. A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES V. Lieber 6-4-65

INDEXED G. J. GALLI DATE

WEATHER Cloudy INST. NO. 96716

TIME 12:45 - 1:15 ROD NO. 9-19

NOTES CHKD [illegible] DATE JUN 10 '65

76P526B CE # 308 8-59

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

SURVEY BY F.E. Brooks WEATHER Overcast INST. NO. 96716

NOTES BY F.E.B. DATE 4 June 1965 TIME 10:25 - 10:55 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD DATE JUN 10

F.B. 3744 Pg. 69

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 34-27A TO BM 34-28
BM 34-27A													BM 34-27A. Hawthorne Blvd. and Palos Verdes Dr. West. South East corner. See FB 1355-50
1	159	733	460	5	187 132	55	122	240	423	5	151 93	58	
2	219	700	520	5	245 193	52 107	74	844	375	5	101 47	54 112	
3	236	768	537	5	262 210	52 159	125	039	426	5	149 101	48 160	⊼ R.R. Rodriguez
4	81	399	382	5	107 55	52 211	237	407	538	5	262 212	50 210	Summation of Run From B.M. 34-27A To B.M. 34-28
5	58	712	359	5	84 32	52 263	213	848	514	5	239 187	52 262	
6	111	045	412	5	144 78	66 329	95	533	396	5	129 61	68 330	Total Backsights = + 1325.713 ✓
7	207	648	508	5	238 176	62 391	78	740	379	5	109 47	62 392	Total Foresights = − 1351.395 ✓ Diff. Elev. = − 25.682 ✓
8	111	894	412	5	136 86	50 441	252	561	553	5	277 227	50 442	Backsight stadia = 449 ✓
9	138	814	439	5	142 134	8 449	151	183	452	5	155 147	8 450	Foresight Stadia = 450 ✓ Total Stadia = 899 ✓ meters
	1325	713 ✓					1351	395 ✓					
BM 34-28													BM 34-28 Palos Verdes Dr. W. 1.0 mi. N of Pt. Vicente Lighthouse see F.B. 1355-31

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 34-28 TO BM 34-27A
BM 34-28													BM 34-28
1	150	657	451	5	154 / 146	8	137	571	438	5	141 / 133	8	Palos Verdes Dr. W. 1.0 mi N. of Pt. Vicente Lighthouse See F.B. 1355-31
2	249	880	550	5	274 / 224	50 / 58	125	774	426	5	150 / 100	50 / 58	
3	95	055	396	5	126 / 64	62 / 120	208	697	509	5	239 / 177	62 / 120	T R.R. Rodriguez
4	92	788	393	5	126 / 58	68 / 188	119	954	420	5	152 / 86	66 / 186	Summation of Run From B.M. 34-28 To B.M. 34-27A
5	219	952	520	5	245 / 193	52 / 240	45 / ~~45~~	524	346	5	72 / 18	54 / 240	
6	230	192	531	5	255 / 204	51 / 291	79 / ~~79~~	742	380	5	105 / 53	52 / 292	Total Backsights = + 1373.210 ✓ Total Foresights = − 1347.557 ✓ Diff. Elev. = +25.653 ✓
7	122	467	423	5	147 / 97	50 / 341	232	618	533	5	257 / 207	50 / 342	
8	64	762	365	5	91 / 37	54 / 395	239	330	540	5	264 / 214	50 / 392	Backsight stadia = 453 ✓ Foresight Stadia = 448 ✓ Total Stadia = 901 meters
9	147	457	448	5	176 / 118	58 / 453	158	347	459	5	186 / 130	56 / 448	
	1373	210 ✓					1347	557 ✓					
BM 34-27													BM 34-27 Hawthorne Blvd and Palos Verdes Dr. W. See F.B. 1355-50

F.B. 3744 PG. 70 JOB NO. 0301.02

SURVEY OF L. A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES F.E.B. 4 June 65

INDEXED C. J. GALLI DATE

WEATHER overcast INST. NO. 96716

TIME 11:05 - 11:35 ROD NO. 9-19

NOTES CHKD [illegible] DATE JUN 10 '65

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by F. E. Brooks
Checked	Notes F. E. Brooks Date June 65
Date	Indexed C. J. GALLI

F. B 3744 PG. 71

J.N. 0301.02

L.A. COUNTY PRECISE LEVEL NET

LINE NO 54

RERUN

From Crenshaw Blvd.
To Jefferson Blvd.

Via Stocker St.
LaCienega Blvd.
and Std. Oil Co. private road.

See F.B. 3704 pg 89 To pg for
Bench Mark Descriptions.

FE Brooks
K M Kapp
V F Lieber
S. Will
RR Rodriguez
ML Bustrum

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

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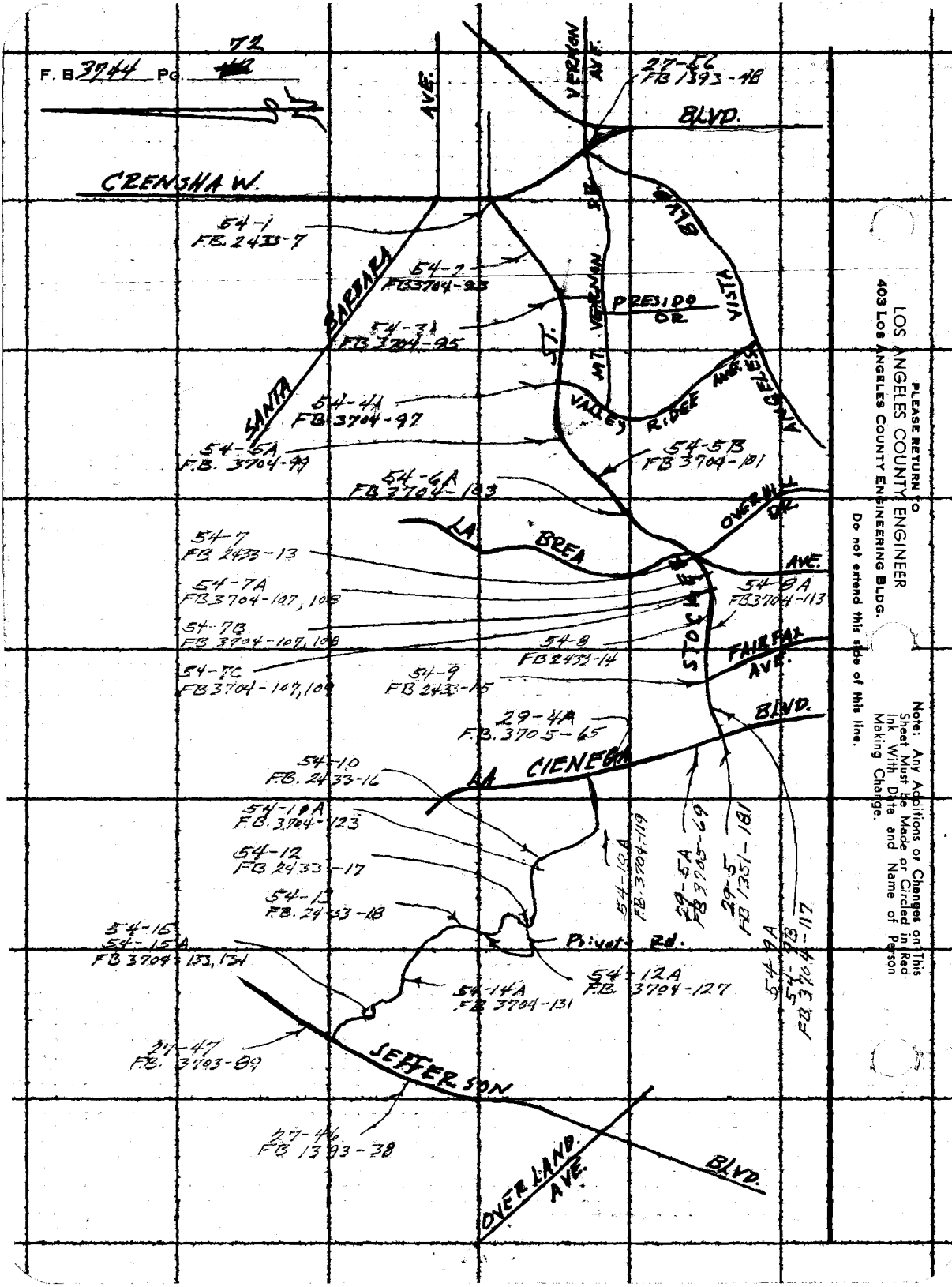
76F3095 CE #310 6-63



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76P526B CE # 308 8-59

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

SURVEY BY F.B. Brooks, C. J. Gallo

NOTES BY F.B. Brooks DATE Nov 25 '65 WEATHER Overcast INST. NO. 96776

INDEXED C. J. GALLO DATE NOV 29 '65 TIME 9:40 - 9:30 ROD NO. 2-78

NOTES CHKD. C. J. GALLO DATE NOV 29 '65 F.B. 3744 Pg. 23

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM.27-56 TO BM.54-1
BM.27-56													BM.27-56. Crenshaw Blvd & Vernon. See 1393-48
1	217	550	518	5	222 / 212	10	155	720	456	5	140 / 150	10	
2	148	004	449 / ~~449~~	5	178 / 118	60 / 70	171	025	472	5	202 / 140	62 / 72	K. M. Kapp
3	128	726	429	5	156 / 100	56 / 126	199	410	~~500~~ 500	5	226 / 172	54 / 126	Summation of Run
4	108	812	409	5	140 / 76	64 / 190	158	378	459	5	192 / 124	68 / 194	From B.M. 27-56
5	179	479	480	5	216 / 142	74 / 264	147	560	448	5	182 / 112	70 / 264	To B.M. 54-1
6	178	496	479	5	208 / 148	60 / 324	177	342	478	5	208 / 146	62 / 326	Total Backsights = + 1143.505 ✓
7	182	439	483	5	198 / 166	32 / 356	320	023	521	5	237 / 209	28 / 352	Total Foresights = − 1229.858 ✓
	1143	505 ✓					1229	858 ✓					Diff. Elev. = − 86.353 ✓
													Backsight stadia = 356 ✓
													Foresight Stadia = 352
													Total Stadia = 708 meters
BM 54-1													BM 54-1 Crenshaw Blvd and Stocker St. & inter. See F.B. 2433-1

F.B. 3744 Pg. 14 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY C. + CALL DATE

INDEXED

NOTES L. 2'10 Lev. Illinois

WEATHER Cloudy INST. NO. 9676

TIME 10:00-12:25 ROD NO. 7-19

NOTES CHKD [illegible] DATE 8-26-65

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 54-1 TO BM 27-5C
BM 54-1													BM 54-1 Crenshaw Blvd and Stocker St. See FB. 2473-7
1	218	080	519	5	231 205	26	188	130	489	5	202 174	28	
2	184	207	485	5	216 153	63	170	814	471	5	200 140	60	
3	138	517	439	5	173 103	88 70	175	650	476	5	211 139	88 72	T.R. Rodrigues
4	155	999	466	5	189 121	158 68	106	406	407	5	138 74	160 64	Summation of Rise From B.M. 54-1 To B.M. 27-5C
5	196	618	497	5	222 170	226 52	127	279	428	5	154 99	224 55	
6	169	784	470	5	199 139	278 60	146	544	447	5	176 116	279 60	Total Backsights = + 1215.094 ✓ Total Foresights = − 1129.372 ✓ Diff. Elev. = + 85.722 ✓
7	152	489	453	5	156 148	338 8	214	549	515	5	218 209	339 10	
						346 ✓						349	
	1215	094 ✓					1129	372 ✓					
													Backsight stadia = 346' Foresight Stadia = 349' Total Stadia = 695' meters
BM 27-5C													BM 27-5C Crenshaw Blvd and Vernon Ave See FB. 1393-48

76P526B CE # 308 8-59

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

SURVEY BY F.E.B. DATE 14 June 65 WEATHER Overcast INST. NO. 2116

NOTES BY C. J. GALLI DATE TIME 9:30 - 10:05 JOB NO. 9-19

INDEXED DATE NOTES CHKD DATE JUN 29 '65

F.B. 3794 Pg. 95

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 54-1 TO BM 54-2
BM 54-1													BM 54-1 Crenshaw Blvd. & Stocker St. S/Int. See F.B. 2433-7
1	220	831	521	5	233 207	26	98	142	399	5	111 85	26	
2	258	438	559	5	272 244	28 54	41	697	342	5	76 46	30 56	T K.M. Kapp
3	234	845	535	5	253 215	38 92	46	820	347	5	64 28	36 92	
4	266	589	569	5	285 247	38 130	33	720	334	5	52 14	38 130	Summation of Run From B.M. 54-1 To B.M. 54-2
5	277	692	578	5	296 258	38 168	15	921	316	5	34 16	18 38 168	
6	284	868	585	5	302 266	36 204	28	280	329	6	47 8	39 209	Total Backsights = + 1973.984 ✓ Total Foresights = − 455.981 ✓ Diff. Elev. = + 1518.003 ✓
7	278	282	579	5	296 260	36 240	46	302	347	5	63 29	34 241	
8	152	299	463	5	163 141	22 262	124	899	425	5	135 113	22 263 ✓	Backsight studia = 262 ✓ Foresight Studia = 263 ✓ Total Stadia = 525 meters
	1973	984 ✓					455	981 ✓ 7					
BM 54-2													BM 54-2 Stocker st. and Don Felipe Dr. See F.B. 3704-93

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19

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 54-2 TO BM 54-1
BM 54-2													BM 54-2
1	126	542	427	5	137 / 115	22	155	184	456	5	165 / 144	21	Stocker St. and Don Felipe Dr. See F.B. 3704-93
2	37	559	338	5	55 / 19	36	268	033	569	5	285 / 251	34	R. Rodriguez
3	30	682	331	5	48 / 12	58 / 36	291	034	592	5	272 / 291	55 / 38	Summation of Run From B.M. 54-2 To B.M. 54-1
4	19	635	320	5	38 / 1	94 / 37	277	423	578	5	296 / 258	93 / 38	
5	34	753	335	5	53 / 15	131 / 38	267	533	568	5	286 / 248	131 / 38	
6	48	103	349	5	66 / 30	169 / 36	235	676	536	5	254 / 216	169 / 38	Total Backsights = + 445.539 ✓
7	60	573	361	5	75 / 45	205 / 30	251	712	552	5	260 / 236	207 / 30	Total Foresights = − 1963.677 ✓
8	87	692	388	5	100 / 74	235 / 26	217	082	518	5	230 / 206	257 / 26	Diff. Elev. = − 1518.138 ✓
						261						263	Backsight stadia = 261 ✓
	445	539					1963	677					Foresight Stadia = 263 ✓
													Total Stadia = 524 meters
BM 54-1													BM 54-1 Crenshaw Blvd and Stocker St. See F.B. 2433-7

F.B. 3744 PG. 96 JOB NO. 0301.02

SURVEY OF E.A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES V. Lieber 16 June 65

INDEXED C. J. GALLI DATE

WEATHER Cloudy INST. NO. 96716

TIME 9:10 - 9:34 ROD NO. 9-19

NOTES CHKD [illegible] DATE JUN 29 '65

76P526B CE # 308 8-59

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM.54-2 TO BM.54-3A
BM-54-2													BM.54-2. Stocker St. & Don Felipe Dr. & Int. See F.B. 3704-93
1	255	385	556	5	266 244	22	95	192	396	5	107 83	24	
2	268	324	569	5	284 252	32 54	57	137	358	5	74 40	34 58	π K.M. Kapp
3	260	360	561	5	278 242	36 90	47	902	348	5	62 32	30 88	
4	241	230	542	5	258 224	34 124	37	478	338	5	53 21	32 120	
	1025	299					237	709					
BM54-3A													BM54-3A (USC&GS 2-977) Stocker St. and Presido Dr. See F.B. 3704-95

Summation of Run
From B.M. 54-2
To B.M. 54-3A

Total Backsights = + 1025.299
Total Foresights = − 237.709
Diff. Elev. = + 787.590

Backsight stadia = 124
Foresight Stadia = 120
Total Stadia = 244 meters

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

SURVEY BY F.E. Brooks

NOTES BY F.E.B. DATE 14 June 65

INDEXED C. J. GALLI DATE

WEATHER Overcast Windy

TIME 10:10 - 10:25

NOTES CHKD [illegible] DATE JUL 29 '65

INST. NO. 96716

ROD NO. 9-19

F.B. 3744 Pg. 77

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F.B. 3744 Pg. 78 JOB NO. 8301.02 Precise Level Net

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY T. E. Brook NOTES W. Lieberg, H. Simms, C.S.

INDEXED C. J. Gallo DATE

WEATHER Cloudy INST. NO. 9676

TIME 8:52 - 2:05 ROD NO. 2-18

NOTES CHKD [illegible] DATE 6/29/65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 54-3A TO BM 54-2
BM 54-3A													BM 54-3A (USC&GS Z-977) Stocker St. and Presidio Dr. See FB. 3704-93
1	31	884	332	5	47 15	32	236	438	537	5	253 219	34	
2	58	364	359	5	51 42	33	273	641	574	5	240 206	34 68	T R. Rodriguez
3	56	452	357	5	74 38	64 36	261	068	562	5	276 245	31 99	
4	88	411	389	5	100 76	100 24	251	520	552	5	202 240	22 121	
	235	111	✓			124 ✓	1022	669	✓				
BM 54-2													BM 54-2 Stocker St and Don Felipe Dr. See FB. 3704-93

Summation of Run
From B.M. 54-3A
To B.M. 54-2

Total Backsights = + 235.111 ✓
Total Foresights = − 1022.669 ✓
Diff. Elev. = − 787.558 ✓

Backsight stadia = 124 ✓
Foresight Stadia = 121 ✓
Total Stadia = 245 ✓ meters

76P526B CE # 308 8-59

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 54-3A TO BM. 54-4A
BM. 54-3A													BM. 54-3A (USC&GS. Z-977) Stocker St. & Presido Dr. So. W. Cor. See F.B. 3704-95
1	138	841	439	5	148 128	20	69	999	370	5	81 57	24	
2	295	865	596	5	295 278	17x2 34 54	47	444	348	5	63 31	32 56	
3	235	303	536	5	251 219	32 86	76	459	377	5	92 60	32 88	
4	256	378	557	5	272 240	32 118	56	112	357	5	73 39	34 122	
5	267	285	568	5	285 249	36 154	52	740	353	5	69 35	34 156	
6	275	662	576	5	292 258	34 188	23	928	324	5	41 5	36 192	
7	272	850	573	5	289 255	34 222	40	460	341	5	58 22	36 228	
8	296	993	597	5	296 276	20x2 40 262	39	959	340	5	56 22	34 262	
9	246	850	547	5	258 234	24 286	73	213	374	5	86 60	26 288	
	2286	027					480	314					
BM 54-4A													BM 54-4A Stocker St. and Valley Ridge Ave See F.B. 3704-97

Summation of Run
From B.M. 54-3A
To B.M. 54-4A

Total Backsights = + 2286.027
Total Foresights = − 480.314
Diff. Elev. = +1805.713

Backsight stadia = 286
Foresight Stadia = 288
Total Stadia = 574 meters

JOB NO. 0301.025 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY E.C. BROOK E.C. BROOK
NOTES BY C. J. BALLI DATE 14 June 1965
INDEXED DATE
WEATHER overcast windy INST. NO. 96716
TIME 10:30 - 11:00 ROD NO. 9-19
NOTES CHKD DATE JUN 29 '65
F.B. 3744 Pg. 79

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM54-4A TO BM54-3A
BM 54-4A													BM54-4A Stocker St. and Valley Ridge Ave See F.B. 3704-97
1	70	828	371	5	84 56	28	264	480	565	5	278 250	28	
2	42	464	343	5	58 26	32	278	633	579	5	296 260	36	T. B. Rodriguez
3	28	379	329	5	47 9	60 38	262	214	563	5	278 246	64 32	
4	21	718	322	5	39 3	98 36	272	424	573	5	289 255	96 34	Summation of Run From B.M. 54-4A To B.M. 54-3A
5	46	920	347	5	62 30	134 32	266	499	567	5	284 247	130 37	
6	53	908	354	5	70 36	166 34	251	556	552	5	268 235	167 33	Total Backsights = + 454.217
7	78	351	379	5	94 62	200 32	236	378	537	5	252 220	200 32	Total Foresights = −2,259.794 Diff. Elev. = 1,805.577
8	49	029	350	5	66 32	232 34	294	901	595	5	294 278	232 1x2 32	
9	62	620	363	5	73 51	266 22	132	709	433	5	143 121	264 22	Backsight stadia = 288 Foresight Stadia = 286 Total Stadia = 574 meters.
	454.217					288	2,259.794					286	
BM54-3A													BM54-3A (USC&GS 2-977) Stocker St. and Presidio Dr. See F.B. 3704-95

F.B. 3744 PG. 80

JOB NO. 0301.02

SURVEY OF E.A. Co. Precise Level Net

SURVEY BY E.E. Brown NOTES V. Lieber 6-16-65

INDEXED C. J. GALLI DATE

WEATHER Cloudy INST. NO. 96716

TIME 11:20-11:55 ROD NO. 9-19

NOTES CHKD [illegible] DATE [illegible]

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY P.E. Brooks

NOTES BY FEB DATE 14 June 1965

INDEXED C. J. GALD DATE

WEATHER Broken Clouds windy

TIME 11:05 - 11:25

NOTES CHKD. [illegible] DATE JUL 29 '65

INST. NO. 96716

ROD NO. 7-19

F.B. 3744 Pg. 81

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 54-4A TO BM. 54-5A
BM.54-4A													BM. 54-4A. Stocker St. & Valley Ridge Ave. S.W. Cor. See FB. 3704-97
1	228	839	529	5	244 212	32	71	791	372	5	88 54	34	
2	232	640	533	5	255 209	46 78	67	379	368	5	90 44	46 80	
3	299	582	600	5	299 275	24x2 48 126	25	817	326	5	49 25	24x2 48 120	
4	293	629	594	5	293 277	16x2 32 158	86	668	387	5	103 69	34 162	
5	~~195~~ 195	343	496	5	197 193	4 162	148	008	449	5	150 146	4 166	
	1250	033					399	665					
BM54-5A													BM54-5A Stocker St. and Don Miguel Dr. See F.B. 3704-99

Summation of Run
From B.M. 54-4A
To B.M. 54-5A

Total Backsights = + 1250.033
Total Foresights = − 399.665
Diff. Elev. = + 850.368

Backsight stadia = 162
Foresight Stadia = 166
Total Stadia = 328 meters

PLEASE RETURN TO
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700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F.B. 3704 Pg. 82 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY E. Broom NOTES L. Lubbers, H. Smeltz DATE 7-10-62
INDEXED G. J. Gallo DATE
WEATHER Cloudy TIME 11:30 - 11:15 NOTES CHKD. DATE 8-14-62
INST. NO. 24716 ROD NO. 4-19

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 64-6A TO BM 64-4A
BM 64-6A													BM 64-6A Stocker St. and Don Miguel Dr. See F.B. 3704-99
1	120	829	421	5	123 / 117	6	168	013	469	5	170 / 166	4	
2	80	955	381	5	97 / 63	34	287	773	588	5	287 / 271	182 / 32	
3	18	410	319	5	42 / 18	40 / 182 / 48	291	047	592	5	291 / 267	36 / 182 / 48	R. Rodriguez
4	65	626	366	5	88 / 42	88 / 46	233	863	534	5	257 / 209	84 / 48	
5	68	528	369	5	85 / 51	134 / 34	223	908	524	5	239 / 207	132 / 32	
	354 ✓	348	✓			168 ✓	1204 ✓	604	✓			164 ✓	
BM 64-4A													BM 64-4A Stocker St. and Valley Ridge Ave. See F.B. 3704-99

Summation of Rise
From B.M. 64-6A
To B.M. 64-4A

Total Backsights = + 354.348 ✓
Total Foresights = − 1204.604 ✓
Diff. Elev. = − 850.256 ✓

Backsight stadia = 168 ✓
Foresight Stadia = 164 ✓
Total Stadia = 332 ✓ meters

76P526B CE # 308 8-59

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 54-5A TO BM 54-5B
BM 54-5A													BM 54-5A Don Miguel Dr & Don Tomaso Dr. S.W. Cor. See F.B. 3704-99
1	215	352	516	5	224 206	18	77	980	378	5	86 68	18	
2	249	711	550	5	263 235	28 46	70	150	371	5	84 56	28 46	
3	258	597	559	5	275 241	34 80	82	548	383	5	99 65	34 80	π K M Kapp
4	230	427	531	5	247 213	34 114	84	585	385	5	101 67	34 114	
	954	087					315	263					
BM 54-5B													BM 54-5B (USC&GS Y-977) Stocker St. 0.16 Mi. S'ly of Don Miguel Dr. See FB. 3704-101

Summation of Run
From B.M. 54-5A
To B.M. 54-5B

Total Backsights = + 954.087
Total Foresights = − 315.263
Diff. Elev. = +638.824

Backsight stadia = 114
Foresight Stadia = 114
Total Stadia = 228 metres

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

SURVEY BY F.E. Brooks

NOTES BY FEB. DATE 14 June 1965

INDEXED C. J. GALLI DATE

WEATHER windy Broken clouds INST. NO. 96716

TIME 11:30 – 11:50 ROD NO. 9-19

NOTES CHKD [illegible] DATE JUN 29 '65

F.B. 3744 Pg. 83

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700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

INST. NO. 42716 ROD NO. 4-18 DATE 4-28-65

WEATHER Cloudy TIME 10:45 - 1:35 NOTES CHKD Dixon

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E. E. Brooks C. J. [illegible] NOTES K. Lieberknecht DATE 4-28-65

JOB NO. 0301.02

F.B. 3704 Pg. 84

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT		MIC.	LEFT		STADIA	RIGHT		MIC.	LEFT		STADIA	FROM BM54-5B TO BM64-5A
BM64-5B													BM64-5B (use 65 W-977) Stocker St. 0.1K M. S¼ of Don Miguel Dr. See F.B. 3704-101 T. R. Rodriguez
1	79		802	380	5	96 62 34	233		450	534	5	250 216 34	
2	81		205	382	5	98 64 34	252		80	553	5	269 235 34	
3	65		358	366	5	68 39 51 28	241		579 ~~579~~	542	5	68 255 227 28	
4	84		814	385	5	96 94 75 19	222		010	523	5	96 231 213 18	
	311		179			115	949		989			114	
BM64-5A													BM64-5A Don Miguel Dr. and Don Tomaso Dr. See F.B. 3704-99

Summation of Run
From B.M. 54-5B
To B.M. 54-5A

Total Backsights = 311. 179
Total Foresights = 949. 989
Diff. Elev. = -638. 810

Backsight stadia = 115
Foresight Stadia = 114
Total Stadia = 229 meters

76P526B CE # 306 8-59

PLEASE RETURN TO

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700 Los Angeles County Engineering Bldg.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — F.B. 3704 Pg. 20

SURVEY BY F. E. Brooks — WEATHER Clear, cool, wind — INST. NO. 96716

NOTES BY F.E.B. — DATE 1/11/55 — TIME 1:05 - 1:55 — ROD NO. 9-19

INDEXED — DATE — NOTES CHKD G.J.B. — DATE 1-29-55

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM. 54-5B TO BM. 54-6A
BM. 54-5B.													BM. 54-5B (U.S.C.&G.S. Y-977) Stocker St. E'ly Side .16 ctn mile S.'ly of Don Miguel Dr.
1	219	368	520	5	235 203	32	48	780	349	5	65 31	34	
2	252	020	563	6	269 235	34 LL	64	372	365	5	80 48	32 LL	See F.B. 3704 - 101
3	284	913	585	5	301 267	34 100	08	760	357	5	76 40	36 102	T K.M. Kapp
4	249	808	560	5	265 233	32 132	57	215	358	5	73 41	32 134	25 min delay flat tire.
5	273	076	574	6	291 255	36 168	04	381	353	5	73 35	38 172	
6	286	821	587	5	286 264	22X 44 212	76	610	377	5	94 68	36 208	
	1566	806	✓				360	118	✓				
BM 54-6A													BM 54-6A (L.A. City C-12) Stocker St. and Don Lorenzo Dr. See F.B. 3704-103

Summation of Run
From B.M. 54-5B
To B.M. 54-6A

Total Backsights = + 1566.806 ✓
Total Foresights = − 360.118 ✓
Diff. Elev. = + 1206.688 ✓

Backsight stadia = 212 ✓
Foresight Stadia = 208 ✓
Total Stadia = 420 ✓ most ✓

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM54-LA TO BM54-5B
BM54-LA													BM 54-LA (L.A. City C-12) Stocker St. and Don Lorenzo See F.B. 3704-103
1	68	493	369	5	86 50	36	281	963	582	5	301 262	39	
2	48	718	349	5	67 29	38	270	572	571	5	288 252	36	
						74						75	π R. Rodriguez
3	59	312	360	5	75 43	32	249	205	550	5	265 233	32	
						106						107	
4	50	888	351	5	68 32	36	273	780	574	5	290 256	34	
						142						141	
5	63	293	364	5	60 47	33	255	233	556	5	272 238	34	
						175						175	
6	49	244	350	5	66 32	34	215	922	516	5	231 199	32	
	339.948					209	1546.675					207	
BM54-5B													BM 54-5B (USC&GS Y-977) Stocker St. 0.16 of a mile S'ly of Don Miguel Dr. See F.B. 3704-101

Summation of Run
From B.M.
To B.M.

Total Backsights = 339.948
Total Foresights = -1546.675
Diff. Elev. = ~~1,207.227~~
-1,206.727

Backsight stadia = 209
Foresight Stadia = 207
Total Stadia = 416

F.B. 3744 PG. 82

SURVEY OF L. A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES W. Lieben 6-16-65

INDEXED C. J. GALLI DATE

JOB NO. 0302-02

WEATHER Cloudy INST. NO. 96716

TIME 245-3105 ROD NO. 9-19

NOTES CHKD [illegible] DATE JUN 29 '65

76P526B CE # 308 8-59

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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

SURVEY BY F. E. Brooks

NOTES BY F.E.B. DATE 14 June 1965 WEATHER Windy overcast

INDEXED C. J. GALLI DATE TIME 1:50 - 2:50 INST. NO. 96716

NOTES CHKD [illegible] DATE JUL 29 '65 ROD NO. 9-19

F.B. 3744 Pg. 87

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM.54-6A TO BM.54-7
BM.54-6A													BM.54-6A (L.A. City C-12) Stocker St & Don Lorenzo Dr. 108 ft Sly of End of traffic island. See F.B. 3704-103
1	279	220	580	5	289 229	20	41	159	392	5	101 81	20	
2	259	935	560	5	276 242	34 54	40	258	341	5	57 23	34 54	
3	287	408	588	5	287 270	17x2 34 88	16	039	317	5	35 16	19x2 38 92	π K M Kapp
4	295	698	596	5	295 281	14x2 28 116	30	443	331	5	44 16	28 120	
5	275	041	576	5	287 263	24 140	41	701	342	5	51 31	20 140	Summation of Rur From B.M. 54-6A To B.M. 54-7
6	281	450	582	5	291 271	20 160	24	940	325	5	35 13	22 162	
7	298	918	599	5	298 286	12x2 24 184	7	192	308	5	17 7	10x2 20 182	Total Backsights = + 3067.602 ✓ Total Foresights = − 605.761 ✓ Diff. Elev. = +2461.841 ✓
8	260	569	561	5	268 252	16 200	83	478	384	5	91 75	16 198	
9	287	203	588	5	296 278	18 218	45	129	346	5	54 36	18 216	
10	276	680	577	5	286 266	20 238	65	691	366	5	76 54	22 238	Backsight stadia = 276 ✓ Foresight Stadia = 276 ✓ Total Stadia = 552 ✓ meters
11	265	480	566	5	284 246	38 296	159	731	460	5	178 140	38 276	
	3067	602 ✓					605	761 ✓					
BM54-7													BM 54-7 (PBM 171) Stocker St. and La Brea Ave 80 ft S. of ℄ inter. See F.B. 2433-13

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 54-7 TO BM 54-6A
BM 54-7													BM 54-7 (PBM 171) Stocker St. and La Brea Ave 130 ft. S. of ℄ inter. See FB. 2433-13
1	152	882	453	5	171 / 134	37	256	988	557	5	275 / 237	38	
2	72	492	373	5	83 / 61	22 / 59	284	934	585	5	294 / 274	20 / 58	⊼ RR Rodriguez
3	35	327	336	5	44 / 26	18 / 77	271	888	572	5	280 / 262	18 / 76	
4	75	427	376	5	84 / 66	18 / 95	240	700	541	5	248 / 232	16 / 92	Summation of Run From B.M. 54-7 To B.M. 54-6A
5	8	252	309	5	18 / 8	10x2 / 20 / 115	280	796	581	5	290 / 270	20 / 112	
6	19	618	320	5	30 / 8	22 / 139	260	152	561	5	271 / 249	22 / 134	
7	3	866	304	5	15 / 3	12x2 / 24 / 161	290	128	591	5	290 / 276	14x2 / 28 / 162	Total Backsights = + 517.591 ✓ Total Foresights = − 2979.222 ✓ Diff. Elev. = − 2461.631 ✓
8	23	804	324	5	37 / 9	28 / 189	273	545	574	5	287 / 259	28 / 190	
9	4	084	305	5	23 / 4	19x2 / 38 / 227	291	341	592	5	291 / 274	14x2 / 34 / 224	Backsight stadia = 281 ✓ Foresight Stadia = 278 ✓ Total Stadia = 559 ✓ meters
10	34	392	335	5	51 / 17	34 / 261	255	140 / ~~140~~	556	5	272 / 238	34 / 258	
11	87	447	388	5	97 / 77	20 / 281	273	610	574	5	283 / 263	20 / 278	
	517	591 ✓					2979	222 ✓					BM 54-6A (L.A. City C-12) Stocker St. and Don Lorenzo Dr. See F.B. 3704-103
BM 54-6A													

F.B. 3744 PG. 88

JOB NO. 0301.02

SURVEY OF L. A. Co. Precise Level Net

SURVEY BY L. A. Co. NOTES F.E.B. 16 June 1965

INDEXED C. J. GALL DATE

WEATHER Overcast windy INST. NO. 96716

TIME 2:1 – 2:45 ROD NO. 9-19

NOTES CHKD. [illegible] DATE JUL 29 '65

76P526B CE # 308 8-59

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM. 54-7 TO BM. 54-7A
BM. 54-7													BM. 54-7 (Dept. of W&P. PBM 171) Stocker St. & La Brea. 130 ft Soft Int. FB 2433-13
1	206	069	507	5	221 192	29	160 ~~159~~	009	461 ~~460~~	5	173 147	26	
2	247	878	548	5	262 232	30 59	165	355	466	5	181 149	32 58	⊼ VF Lieber
3	127	272	428	5	136 118	18 77	84	410	385	5	94 75	19 77	Summation of Run From B.M. 54-7 (Dept. of W&P. PBM-171) To B.M. 54-7A (US. 4045)
	581	219					409	774					
													Total Backsights 581.219
													Total Foresights = − 409.774
													Diff. Elev. = +171.445
													Backsight stadia = 77
													Foresight Stadia = 77
													Total Stadia = 154 meters
BM 54-7A													BM. 54-7A. (U.S. 4045) Stocker St. & La Brea Ave S.W. Cor. & S.C.E. Sub. Station See FB. 3704-107-108.

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

SURVEY BY F. E. Brooks WEATHER Overcast INST. NO. 96216

NOTES BY F.E.B. DATE 15 June 1965 TIME 9:50 – 10:00 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD [signature] DATE JUN 29 '65

F.B. 3744 Pg. 89

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM54-7A TO BM54-7
BM54-7A													BM54-7A (US 4045) Stocker St. and La Brea Ave S.W. Cor. at SCE Sub. sta. See F.B. 3704-107, 108
1	97	964	398	5	106 88	18	140	918	441	5	149 131	18	
2	167	526	468	5	183 151	32 50	249	892	550	5	263 235	28 46	T. R. Rodriguez
3	162	944	463	5	175 149	26 76	209	039	510 ~~508~~	5	224 144	30 76	
	428.	434					599.	849					
BM54-7													BM54-7 (PBM 171) Stocker St. and La Brea Ave. See F.B. 2433-13

Summation of Run
From B.M. 54-7A
To B.M. 54-7

Total Backsights = + 428.434
Total Foresights = − 599.849
Diff. Elev. = − 171.415

Backsight stadia = 76
Foresight Stadia = 76
Total Stadia = 152 meters

F.B. 3744 Pg. 90 JOB NO. 0301.02
SURVEY OF L. A. Co. Precise Level Net
SURVEY BY [illegible] NOTES V. Lieber 6-16-65
INDEXED C. J. GALLI DATE
WEATHER Cloudy INST. NO. 96716
TIME 1:50-2:05 ROD NO. 9-19
NOTES CHKD [illegible] DATE JUL 29 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 54-7A TO BM 54-7B
BM 54-7A													BM 54-7A (U.S. 4045) Stocker St & La Brea Ave. S.W. Cor. & S.C.E. Sub. Station See FB. 3704-107-108
1	130	773	431	5	142 118	24	238	460	539	5	249 227	22	
2	26	655	327	5	35 17	18 42	241	740 ~~740~~	542	5	248 233	15 37	
3	15	830	316	5	23 6	17 59	248	601	549	5	259 237	22 59	
4	5	280	306	5	14 5	9x2 18 77	286	353	587	5	295 278	18 77	
5	182	971	483	5	185 179	6 83	215	143	516	5	218 212	6 83	
	361	509					1230	297					
BM 54-7B													BM 54-7B (LA. City BM17-05170) Stocker St. S. Side 1st. P.I. West of La. Brea Ave. See FB. 3704-107-108.

VF Lieber

Summation of Run
From B.M. 54-7A (US. 4045)
To B.M. 54-7B (LA. City BM 17-05170)

Total Backsights = + 361.509
Total Foresights = − 1230.297
Diff. Elev. = − 868.788

Backsight stadia = 83
Foresight Stadia = 83
Total Stadia = 166 meters

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

SURVEY BY F. E. Brooks WEATHER overcast INST. NO. 96716

NOTES BY E.E.B. DATE 15 June 1965 TIME 10:05 - 10:25 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD [signature] DATE JUN 29 '65

F.B. 3944 Pg. 91

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F.B. 3704 PG. 92 — JOB NO. 8301.02 — SURVEY OF L. A. Co. Precise Level Net — SURVEY BY C. J. Chapman — NOTES Vz 1.1860 6-16-65 — INDEXED — DATE

WEATHER Cloudy — TIME 1135 - 1530 — NOTES CHKD MEF — DATE JUN 29 '65 — INST. NO. 82716 — ROD NO. 8-14

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM. 54-7B TO BM. 54-7A
BM. 54-7 B.													BM. 54-7B (LA City BM. 17-05170) Stocker St. S Side 1st. Pl. W. of E. La Brea. Ave. See F.B. 3704-107-108.
1	299	839	600	5	309 / 290	19 / 18	263	383	564	5	277 / 254	23 / 18	
2	265	083	566	5	274 / 257	17 / 35	2	708	303	5	10 / 3	1x2 / 16 / 34	
3	257	487	558	5	268 / 246	22 / 57	11	943	312	5	29 / 2	27 / 52	Summation of Rut From B.M. 54-7B. To B.M. 54-7A.
4	239	233	540	5	246 / 231	15 / 72	21	650	322	5	30 / 12	18 / 70	R. Rodriguez
5	240	335	541	5	250 / 230	20 / 92	133	446	434	5	145 / 121	24 / 94	
	1301.977						433.130						

Total Backsights = + 1301.977

Total Foresights = − 433.130

Diff. Elev. = 868.847

Backsight stadia = 92

Foresight Stadia = 94

Total Stadia = 186 Meters

BM. 54-7A (US.4045)
Stocker St. & La Brea Ave.
S.W. Cor. & S.C.E.Co. Sub-Station
See F.B. 3704-107-108

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM-54-7B TO BM-54-7C
BM 54-7B													BM-54-7B (L.A. City BM-17-05170) - Stocker St. S. Side 1st. P.I. West of La Brea Ave. See FB. 3704-107-108.
1	214	652	515	5	216 / 211	5	220	639	521	5	223 / 217	6	
													T V. F. Lieber
													BM. 54-7C (LA. City Sta.-1 Line-A) Stocker St. So. Side Near 1st. PI. West of La Brea Ave See FB. 3704-107-109.

Summation of Run
From B.M. 54-7B
To B.M. 54-7C

Total Backsights = + 214.652
Total Foresights = − 220.639
Diff. Elev. = − 5.987

Backsight stadia = 5
Foresight Stadia = 6
Total Stadia = 11 meters

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

SURVEY BY F.E.B. WEATHER Overcast INST. NO. 96716

NOTES BY F.E.B. DATE 16 ~~Sept~~ June 65 TIME 10:30 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD [signature] DATE JUN 29 '65

F.B. 3744 Pg. 93

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM54-7C TO BM54-7B
BM 54-7C	218	974	519	5	221 215	6	212	958	513	5	215 209	6	BM54-7C (city of L.A. Line A Sta-1) Stocker st. S. side 1st P.I. W. of LaBrea Ave See F.B. 3704-107,109
													R. R. Rodriguez
BM54-7B													BM54-7B (L.A. City BM 17-05170) Stocker st. 1st P.I. W. of La Brea Ave. See F.B. ~~[illegible]~~ 3704-107,108

Summation of Run
From B.M. 54-7C
To B.M. 54-7B

Total Backsights = + 218.974
Total Foresights = − 212.958
Diff. Elev. = + 6.016

Backsight stadia = 6
Foresight Stadia = 6
Total Stadia = 12 meters

F.B. 3744 PG. 94

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brook NOTES F.E.B. 16 June 65

INDEXED C. J. GALLO DATE

WEATHER overcast - windy INST. NO. 96716

TIME 1130 - ROD NO. 9-19

NOTES CHKD [illegible] DATE JUN 29

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY F. E. Brooks WEATHER overcast INST. NO. 96716

NOTES BY F.E.B. DATE 15 June 1965 TIME 10:45-11:10 ROD NO. 1-10

INDEXED C. J. GALLO DATE NOTES CHKD [illegible] DATE JUN 29 '65

F.B. 3744 Pg. 95

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 54-7C TO BM 54-8
BM. 54-7C.													BM. 54-7C (L.A. City Sta. 1 Line "A") Stocker St. So. Side Near 1st. P.I. W. of La. Brea Ave. See F.B. 3704-107-109
1	156	787	457	5	172 142	30	291	118	592	5	291 279	12 x 2 24	
2	7	788	308	5	17 7	10 x 2 20 50	298	423	599	5	298 288	10 x 2 20 44	
3	20	782	321	5	28 12	16 66	285	850	586	5	294 276	18 62	π VF Lieber
4	24	088	325	5	33 15	18 84	274	912	575	5	283 266	17 79	
5	41	912	342	5	49 33	16 100	277	301	578	5	285 268	17 96	
6	141	810	442	5	152 131	21 121	279	150	580	5	289 269	20 116	
7	70	078	371	5	76 64	12 133	123	544	424	5	131 115	16 132	
	463	245					1830	298					
BM 54-8													BM 54-8 (PBM 216) Stocker St. N. side 0.25 Mile W. of La Brea Ave see F.B. 2433-14

Summation of Run
From B.M. 54-7C
To B.M. 54-8

Total Backsights = + 463.245
Total Foresights = − 1830.298
Diff. Elev. = − 1367.053

Backsight stadia = 133
Foresight Stadia = 132
Total Stadia = 265

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 54-8 TO BM 54-7C
BM 54-8													BM 54-8 (PBM 216) Stocker St. N. side 0.25 mile W. of La Brea Ave. See F.B. 2433-14
1	114	613	415	5	121 107	14	69	685	370	5	76 62	14	
2	177	192	478	5	186 168	18 32	39	554	340	5	47 31	16 30	π R R Rodriguez
3	274	848	575	5	282 266	16 48	38	292	339	5	46 30	16 46	
4	266	924	567	5	274 258	16 64	14	036	315	5	22 6	16 62	
5	286	155	587	5	295 277	18 82	16	570	317	5	24 8	16 78	
6	299	110	600	5	299 290	9x2 18 100	6	965	307	5	16 6	10x2 20 98	
7	292	812	593	5	292 280	12x2 24 124	159	471	460	5	172 146	26 124	
	1711	654					344	573					
BM 54-7C													BM 54-7C (L.A. City Line A Sta 1 Stocker St. near 1st P.I. W. of La Brea Ave. See F.B. 3704-107, 109

Summation of Run
From B.M. 54-8
To B.M. 54-7C

Total Backsights = + 1711.654
Total Foresights = − 344.573
Diff. Elev. = + 1367.081

Backsight stadia = 124
Foresight Stadia = 124
Total Stadia = 248 meters

F.B. 3744 PG. 96
SURVEY OF L. A. Co. Precise Level Net
SURVEY BY [redacted] NOTES FEB 16 June 65
INDEXED C. J. GALL DATE
JOB NO. 0301.02
WEATHER windy overcast
TIME 1110 – 1:30
NOTES CHKD [illegible]
INST. NO. 96716
ROD NO. 9-69
DATE JUN 29 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM.54-8. TO BM.54-8A
BM.54-8													BM. 54-8. (Dept of W&P. PBM.216) Stocker St. N. Side. 25 of a mile, W. of La Brea Ave. See F.B. 2433-14
1	32	869	333	5	37 27	10	254	088	555	5	258 249	9	
2	30	820	331	5	43 17	26 36	271	488	572	5	284 258	26 35	
3	37	358	338	5	57 23	28 64	291	201	592	5	291 276	15x2 30 65	⊼ V.F. Lieber
	101	047					816	777					
BM 54-8A													BM 54-8A (L.A. City BM 17-05190) Stocker St. 2nd P.I. W. of La Brea Ave. See F.B. 3704-113

Summation of Run
From B.M. 54-8
To B.M. 54-8A

Total Backsights = + 101.047
Total Foresights = − 816.777
Diff. Elev. = − 715.730

Backsight stadia = 64
Foresight Stadia = 65
Total Stadia = 129 meters

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

SURVEY BY E. E. Brooks WEATHER Hazy INST. NO. 96716

NOTES BY F.B. DATE 15 June 1965 TIME 11:15-11:30 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE JUN 29 '65

F.B. 3744 Pg. 97

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 54-8A TO BM 54-8
BM 54-8A													BM 54-8A (L.A. City BM 17-05190) Stocker St. 2nd P.I. W. of La Brea Ave see F.B. 3704-113
1	289	060	590	5	305 274	31	41	370	342	5	55 27	28	
2	261	071	562	5	274 248	26 57	16	603	317	5	29 3	26 54	π R.R. Rodriguez
3	277	794	578	5	282 272	10 67	54	308	355	5	58 50	8 62	
	827	925					112	281					
BM 54-8													BM 54-8 (PBM 216) Stocker St. 0.25 mi. W. of La Brea Ave. See F.B. 2433-14

Summation of Run
From B.M. 54-8A
To B.M. 54-8

Total Backsights = + 827.925
Total Foresights = − 112.281
Diff. Elev. = + 715.644

Backsight stadia = 67
Foresight Stadia = 62
Total Stadia = 129 Meters

F.B. 3744 PG. 98 JOB NO. 0301.02
SURVEY OF L. A. Co. Precise Level Net
SURVEY BY E. E. Brooks NOTES K. M. Kapp 6-21-65
INDEXED C. J. GALLI DATE
WEATHER Overcast INST. NO. 96716
TIME 11:35-11:45 ROD NO. 9.19
NOTES CHKD [illegible] DATE JUN 29 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible]NGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]: ANY ADDITIONS OR CHANGES [illegible]IS SHEET MUST BE MADE OR C[illegible]ED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 54-8A TO BM 54-9
BM.54-8A.									BM.54-8A (LA.CityBM 17-05190) Stocker St. Second P.I. W. of La Brea Ave. See FB. 3704-113
1	100	892	401 5	117 83 34	246	473	547 5	263 ~~229~~ 34	
2	40	288	341 5	56 24 32 66	244	360	545 5	260 228 32 66	⊼ V.F. Lieber
3	49	125	350 5	65 34 31 97	258	169	559 5	273 242 31 97	
4	~~156~~				~~156~~	~~785~~	~~457~~ 5	~~167 145 22 119~~	
4	156	785	457 5	167 145 22 119	207	038	508 5	219 195 24 121	✓
	347	090 ✓			956	040 ✓			
BM 54-9									BM 54-9 Stocker St. and Fairfax Ave See F.B. 2433-15

Summation of Run
From B.M. 54-8A
To B.M. 54-9

Total Backsights = + 347.090 ✓
Total Foresights = − 956.040 ✓
Diff. Elev. = − 608.950 ✓

Backsight stadia = 119 ✓
Foresight Stadia = 121 ✓
Total Stadia = 240 meters

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

SURVEY BY L.E. Brooks

NOTES BY F.E.B. DATE 16 June 1965

INDEXED C. J. GALLI DATE

WEATHER Hazy

TIME 11:35 - 11:50

NOTES CHKD [illegible] DATE JUN 29 '65

INST. NO. 96716

ROD NO. 4-19

F.B. 3744 PG. 99

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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. 3944 PG. 100 JOB NO. 03 01 02

SURVEY OF L. A. Co. Precise Level Net

SURVEY BY A.E. Brooks NOTES K. M. 4220 6-21-65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 94114

TIME 11:20 - 11:30 ROD NO. 9-14

NOTES CHKD [illegible] DATE JUN 29 '65

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 54-9 TO BM 54-8A
BM 54-9									BM 54-9 Stocker St. and Fairfax Ave See F.B. 2433-14
1	144	087	4 545	5 152 136 16	94	384	395	5 104 85 19	
2	248	876	549	5 263 233 30 46	43	698	344 345	5 59 27 32 51	T R.R. Rodriguez
3	247	886	548	5 264 230 34 80	26	312	327	5 42 10 32 83	
4	242	440	543	5 258 226 32 112	110	121	411	5 27 93 34 117	
	883	289	✓		274	515	✓		
BM 54-8A									BM 54-8A (L.A.C.Ty BM 17-05190) Stocker St. 2nd P.I. W. of La Brea Ave. See F.B. 3704-113

Summation of Run
From B.M. 54-9
To B.M. 54-8A

Total Backsights = + 883 289 ✓
Total Foresights = − 274 515 ✓
Diff. Elev = 608.774 ✓

Backsight stadia = 112 ✓
Foresight stadia = 117 ✓
Total stadia = 229 ✓ Meters

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY E. E. Brooks WEATHER Hazy INST. NO. 96716

NOTES BY F.E.B. DATE 17 June 1965 TIME 1:10 - 1:20 ROD NO. 9+19

INDEXED G. J. GALLI DATE NOTES CHKD [illegible] DATE JUN 29 '65

F.B. 3744 Pg. 19

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM. 54-9 TO BM. 54-9A
BM 54-9													BM. 54-9 Stocker St. & Fairfax Ave. & Int. See F.B. 2433-15
1	133	340	434	5	142 / 124	18	194	788	495	5	201 / 186	15	
2	71	692	372	5	79 / 63	16 / 34	270	289	571	5	279 / 261	18 / 33	π V. F. Lieber
3	43	079	344	5	52 / 34	18 / 52	280	907	581	5	290 / 270	20 / 53	
4	129	085	430	5	131 / 127	4 / 56	208	415	509	5	210 / 206	4 / 57	
	377	196					954	399					
BM 54-9A													BM 54-9A (L.A. City BM 17-05230) Stocker St. 0.10 of a mile W. of Fairfax Ave. See 3704-117

Summation of Run
From B.M. 54-9
To B.M. 54-9A

Total Backsights = + 377.196
Total Foresights = − 954.399
Diff. Elev. = − 577.203

Backsight stadia = 56
Foresight Stadia = 57
Total Stadia = 113 meters

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 54-9A TO BM 54-9
BM 54-9A													BM 54-9A (L.A.City BM 17-05230) Stocker St. 0.10 mile W. of Fairfax Ave. See F.B. 3704-119
1	201	882	502	5	203 / 199	4	122	878	423	5	124 / 120	4	
2	277	581	578	5	287 / 267	20 / 24	36	256	337	5	45 / 27	18 / 22	T R.R. Rodriguez
3	248	830	549	5	256 / 240	16 / 40	69	392	370	5	78 / 61	17 / 39	
4	200	112	501	5	207 / 193	14 / 54	122	740 / ~~122~~	423	5	131 / 113	18 / 57	
	928	405					351	266					
BM 54-9													BM 54-9 Stocker St. and Fairfax Ave. ℄ inter See F.B. 2433-15

Summation of Run
From B.M. 54-9A
To B.M. 54-9

Total Backsights = + 928 405
Total Foresights = − 351 266
Diff. Elev. = 577 139

Backsight stadia = 54
Foresight Stadia = 57
Total Stadia = 111 Meters

F.B. 3744 Pg. 102 JOB NO. 0301.02

SURVEY OF A. A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES K.M. Kapp 6-21-65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 11:05 - 11:15 ROD NO. 9-19

NOTES CHKD [signature] DATE JUL 29 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM.54-9A TO BM. 54-9B
BM.54-9A													BM.54-9A (LA.City BM 17-05230) Stocker St. .10 of a mile W. of Fairfax Ave. See F.B. 3704-117
1	62	594	363	5	71 52	19	265	303	566	5	275 256	19	
2	135	970	436	5	137 133	4 23	195	783	496	5	196 194	2 21	
	198	564 ✓					461	086 ✓					π VF Lieber
BM54-9B													BM54-9B (LA City BM 17-05250) Stocker St. 0.13 mile W. of Fairfax Ave. See F.B. 3704-117, 118

Summation of Run
From B.M. 54-9A
To B.M. 54-9B

Total Backsights = + 198.564 ✓
Total Foresights = − 461.086 ✓
Diff. Elev. = −262.522 ✓

Backsight stadia = 23 ✓
Foresight Stadia = 21 ✓
Total Stadia = 44 meters

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

SURVEY BY E. E. Brooks

NOTES BY C. J. GALLI FEB DATE 15 June 1964

INDEXED DATE

WEATHER clear - windy INST. NO. 96716

TIME 1:50 - ROD NO. 9-19

NOTES CHKD [signature] DATE JUN 29 '65

F.B. 3744 Pg. 103

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F.B. 3704 PG. 104 — JOB NO. 0301.02

SURVEY OF L. A. Co. Precise Level Net — WEATHER Overcast — INST. NO. 96716

SURVEY BY L.E. Brock NOTES K.M. Kerr 6-21-65 TIME 1100-1105 ROD NO. 9-19

INDEXED C. J. GALLI DATE — NOTES CHKD [illegible] DATE JUN 29 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM64-9B TO BM64-9A
BM64-9B													BM64-9B (L.A. City BM 17-05250) Stocker St. 0.13 mile W. of Fairfax Ave See F.B. 3704-117, 118
1	193	086	494	5	199 192	2	133	840	434	5	134 132	2	
2	259	913	560	5	268 250	18 20	56	604	357	5	66 46	20 22	A R.R. Rodriguez
	452	999	✓				190	444	✓				
BM64-9A													BM64-9A (L.A. City BM 17-05230) Stocker St. 0.10 mile W. of Fairfax Ave See F.B. 3704-117

Summation of Run
From B.M. 54-9B
To B.M. 54-9A

Total Backsights = + 452.999 ✓
Total Foresights = − 190.444 ✓
Diff. Elev. = + 262.555 ✓

Backsight stadia = 20 ✓
Foresight Stadia = 22 ✓
Total Stadia = 42 ✓ Meters

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY [illegible] Brock WEATHER Hour - Windy INST. NO. 96716

NOTES BY F.E.B. DATE 15 June 1965 TIME 2:05 - 2:30 ROD NO. 4-19

INDEXED C. J. CALLI DATE NOTES CHKD [illegible] DATE JUN 29 '65

F.B. 3744 Pg. 105

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM.54-9B TO BM.29-5
BM.54.9B													BM.54-9B (LA City BM.17-~~05250~~ 5250 Stocker St. 13 of a mile W. of Fairfax Ave. See F.B. 3704-117-118
1	56	639	357	5	27 45	22	296	845 ~~822~~	597	5	296 285	11x2 22	
2	8	612	309	5	19 8	11x2 22 44	299	724	600	5	299 288	11x2 22 44	π V.F. Lieber
3	50	382	351	5	58 42	16 60	237	208	538	5	245 229	16 60	
4	81	430	382	5	92 70	22 82	194	112	495	5	206 182	24 84	
5	157	248	458	5	181 133	48 130	171	025	472	5	196 146	50 134	
	354	311					1198	914					
BM 29-5													BM 29-5 Stocker St. and La Cienega Blvd. See F.B. 1351-181

Summation of Run
From B.M. 54-9B
To B.M. 29-5

Total Backsights = + 354.311
Total Foresights = − 1198.914
Diff. Elev. = − 844.603

Backsight stadia = 130
Foresight Stadia = 134
Total Stadia = 264 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 29-5 TO BM 54-9B
BM 29-5													BM 29-5 stocker st. and La Cienega Blvd See F.B. 1351-181
1	179	952	480	5	204 154	50	166	572	467	5	190 142	48	
2	165	157	466	5	178 152	26 76	52	590	353	5	63 41	22 70	⊼ R.R. Rodriguez
3	220 ~~220~~	503 ~~503~~	521 ~~521~~	5 ~~5~~	228 213	15 91	41	058	342	5	49 33	16 86	
4	296	963	597	5	296 1/2 286	10 20 111	7 ~~6~~	248 ~~307~~	308 ~~307~~	5 ~~5~~	18 1/2 ~~8~~	12 ~~22~~ 108	
5	292	374	593	5	303 281	22 133	43	022	344	5	54 33	21 129	
	1154	949					310	490					
BM 54-9B													BM 54-9B (L.A. City BM 17-05-250) stocker st. 0.13 mile W. of Fairfax Ave See F.B. 3704-117, 118

Summation of Run
From B.M. 29-5
To B.M. 54-9B

Total Backsights = + 1154.949
Total Foresights = − 310.490
Diff. Elev. = ~~[illegible]~~ 844.459

Backsight stadia = 133
Foresight Stadia = 129
Total Stadia = 262 Meters

F.B. 3744 PG. 106

SURVEY OF L. A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES K. M. Kapp 6-21-65

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER Overcast INST. NO. 96716

TIME 10:35-10:55 ROD NO. 9-18

NOTES CHKD [illegible] DATE JUN 29 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY Z. E. Brooks

NOTES BY F.E.B. DATE 15 June 1965 WEATHER Clear Windy TIME 2:35 - 2:45 INST. NO. 96716

INDEXED C. J. GALLI DATE NOTES CHKD. DATE JUN 29 '65 ROD NO. 8-19

F.B. 3744 Pg. 107

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM-29-5 TO BM-29-5A
BM.29-5													BM.29-5
					291	24x2					145		Stocker St. & La Cienega
1	291	778	592	5	267	48	119	078	420	5	93	52	Blvd. & Int.
													See F.B. 1351-181
										5			
													T VF Lieber
BM29-5A													BM29-5A (L.A. City BM 17-05390)
													La Cienega Blvd 324 ft.
													N. of Stocker St.
													See F.B. 3705-69

Summation of Run
From B.M. 29-5
To B.M. 29-5A

Total Backsights = + 291.778
Total Foresights = − 119.078
Diff. Elev. = + 172.700

Backsight stadia = 48
Foresight Stadia = 52
Total Stadia = 100 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 29-5A TO BM 29-5
BM 29-5A													BM 29-5A (L A City BM 17-05390 La Cienega Blvd. 324 ft ± N. of Stocker St. see F.B. 3705-69
+	~~143~~	~~637~~	~~444~~	~~5~~	~~169~~ ~~117~~	~~52~~				~~5~~			
1	126	033	427	5	152 100	52	298	694	599	5	298 1/2 274	24 48	π R.R. Rodriguez
BM 29-5													BM ~~[illegible]~~ 29-5 Stocker St. and La Cienega Blvd. see F.B. 1351-181

Summation of Run
From B.M. 29-5A
To B.M. 29-5

Total Backsights = + ~~143.637~~ 126.033
Total Foresights = − 298.694
Diff. Elev. = − 172.661

Backsight stadia = 52
Foresight Stadia = 48
Total Stadia = 100 Meters

F.B. 3744 PG. 108 JOB NO. 0301.02
SURVEY OF L. A. Co. Precise Level Net
SURVEY BY [illegible] Brooks NOTES K.M. Kapp 6-21-65
INDEXED C. J. GALLI DATE
WEATHER Overcast INST. NO. 96716
TIME 10:25 ROD NO. 9-19
NOTES CHKD [illegible] DATE JUN 29 '65

76P526 CE # 308 3-61

PLEASE RETURN TO
L ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY L.E. Brooks
NOTES BY L.E. Brooks DATE 15 June 1965 TIME 2:45 - 3:15 WEATHER Clear - Windy INST. NO. 9-11
INDEXED C. J. GALLI DATE NOTES CHKD DATE JUN 29 '65 ROD NO. 9-11
F.B. 3744 PG. 109

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 29-5A TO BM 29-4A
BM 29-5A									BM 29-5A (LA City BM 17-05 390) La Cienega Blvd. 324 Ft. No. of Stocker St. See F.B. 3705-L9 T V.F. Lieber
1	82	229	383 5	95 68 147 27	196	579	497 5	409 184 25	
2	76	780	377 5	90 62 28 56	192	835	493 5	206 178 28 53	
3	198	739	499 5	221 175 46 101	91	701	392 5	114 68 46 99	
4	212	885	513 5	235 189 46 147	98	179	399 5	125 75 50 149	
5	200	131	501 5	223 176 47 194	90 98	696	391 5	112 68 44 193	
6	242	228	543 5	261 227 34 232	54	635	355 5	94 54 40 233	
7	206	631	507 5	224 188 36 268	100	120	401 5	118 82 36 269	
	1219	623			824	745			
BM 29-4A									BM 29-4A La Cienega Blvd 800' S. of Std. oil overpass Bridge # B-983 See F.B. 3705-L5

Summation of Rus
From B.M. 29-5A
To B.M. 29-4A

Total Backsights = + 1219.623
Total Foresights = − 824.745
Diff. Elev. = + 394.878

Backsight stadia = 268
Foresight Stadia = 269
Total Stadia = 537 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 29-4A TO BM 29-5A
BM 29-4A									BM 29-4A La Cienega Blvd 800± ft S. of Std. Oil over pass Bridge # B 983 See F.B. 3705-65
1	99	964	400 5	117 81 36	237	828	538 5	255 219 36	
2	81	095	382 5	101 61 40 76	229	152	530 5	248 210 38 74	
3	85	595	386 5	107 63 44 120	204	396	505 5	227 180 47 121	⊼ R.R. Rodriguez
4	91	756	392 5	114 68 46 166	205	974	506 5	228 182 46 167	
5	92	960	393 5	115 69 46 212	199	298	500 5	222 176 46 213	
6	188	539	489 5	202 174 28 240	71	662	372 5	85 57 28 241	
7	199	130	500 5	212 187 25 265	85	737	386 5	98 72 26 267	
	839	039			1234	047			
BM 29-5A									BM29-5A L.A. City BM 17-05390) La Cienega Blvd 324 ft. N. of Stocker St. See F.B. 3705-69

Summation of Run
From B.M. 29-4A
To B.M. 29-5A

Total Backsights = + 839.039
Total Foresights = -1.234.047
Diff. Elev. = - 395.008

Backsight stadia = 265
Foresight Stadia = 267
Total Stadia = 532 Meters

F.B. 3744 PG. 110 JOB NO. 0301.02

SURVEY OF L. A. Co. Precise Level Net

SURVEY BY E. Brook NOTES K. M. Kapp 6-21-65

INDEXED C. J. GALL DATE

WEATHER Overcast INST. NO. 96716

TIME 9:50 - 10:25 ROD NO. 9-19

NOTES CHKD [signature] DATE JUN 29 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM. 29-4A TO BM. 54-10A
BM. 29-4A.									BM. 29-4A
1	237	772	538 5	257 217 40	101	441	402 5	121 81 40	La Cienega Blvd. 800 ft. ±
2	260	619	561 5	273 247 26 / 66	103	927	304 5	14 3 11/22 22 / 62	So. of oil Field road overpass. # B-983 (E'ly Side) See F.B. 3705-65
3	246	506	547 5	255 237 18 / 84	56	474	357 5	65 47 18 / 80	π - Brooks
4	270	108	571 5	278 262 16 / 100	6	355	307 5	15 6 9/22 18 / 98	
5	301	605	602 5	301 293 7/22 14 / 114	15	253	316 5	22 8 14 / 112	
6	275	340	376 5	282 267 15 / 129	18	765	319 5	25 12 13 / 125	
7	283	479	584 5	287 278 11 / 140	14	102	315 5	18 8 10 / 135	
8	293	005	594 5	299 288 10 / 150	11	381	312 5	18 5 13 / 148	
9	280	496	581 5	285 276 9 / 159	34	260	335 5	39 29 10 / 158	
10	283	430	584 5	299 267 32 / 191	95	625	396 5	110 80 30 / 188	
11	198	599	499 5	204 192 14 / 205	33	399	334 5	39 27 12 / 200	
12	281	488	582 5	289 273 16 / 221	31	552	332 5	40 22 18 / 218	
13	280	758	581 5	288 272 16 / 237	32	202	333 5	40 24 16 / 234	

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

SURVEY BY L.E. Brooks

NOTES BY S.J. Hill DATE 6-17-65 WEATHER OVERCAST INST. NO. 9/9/16

INDEXED C. J. GALLI DATE NOTES CHKD. [signature] DATE JUN 29 '65 ROD NO. 9-19

F.B. 3744 Pg. 111

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 29-4A TO BM 54-10A
				237				234	
14	239	902	540 5	252 226 26	114	689	415 5	127 101 26	
				263				250	
15	176	258	477 5	180 172 8	147	872	448 5	152 143 9	
				271				269	
	3909	345			717	297			

BM 54-10A
STANDARD OIL CO. MAINT-
AINACE OFFICE N.W.COR.
SEE F.B. 3704-119

~~Backsight stadia = 3909.345~~
~~Foresight Stadia = 717.297~~
~~Total Stadia = 8~~

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

Backsight stadia = 271
Foresight Stadia = 269
Total Stadia = 540 meters

Total Backsights = + 3909.345
Total Foresights = − 717.297
Diff. Elev. = +3192.048

WEATHER OVERCAST INST. NO. 96716
TIME 9:00 - 10:09 ROD NO. 9-19
NOTES CHKD [signature] DATE JUN 29 '65

F.B. 3744 PG. 112 JOB NO. 0301.02
SURVEY OF L. A. Co. Precise Level Net
SURVEY BY E. E. Brook NOTES S.J. Will
INDEXED C. J. GALL DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

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

SURVEY BY K. R. Keefe WEATHER Overcast & Windy INST. NO. 967 IC

NOTES BY C. J. Galli DATE 6-21-65 TIME 8:45-9:45 ROD NO. 9-42

INDEXED DATE NOTES CHKD DATE JUN 29 65

F.B. 3744 Pg. 113

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 54-10A TO BM 29-4A
BM 54-10A									BM 54-10A STANDARD OIL CO. MAINT- AINACE OFFICE N.W. COR. SEE F.B. 3704-119 R. R. Rodriguez
1	142	179	443 5	146 138 8	170	728	471 5	174 166 8	
2	106	263	407 5	119 93 26 34	227	357	528 5	240 214 26 34	
3	26	547	329 5	36 20 16 50	279	558	580 5	287 271 16 50	
4	68	274	369 5	76 60 16 66	295	062	596 5	301 289 12 62	
5	41	542	342 5	45 36 9 75	214	865	515 5	220 208 12 74	
6	117	222	418 5	135 99 36 111	300	010	601 5	301 1/2 284 16 32 106	
7	25	566	326 5	30 20 10 121	292	192	593 5	297 287 10 116	
8	16	624	317 5	22 10 12 133	297	398	598 5	297 1/2 291 6 12 128	
9	14	433	315 5	20 8 12 145	286	303	587 5	292 280 12 140	
10	28	446	329 5	34 22 12 157	280	700	581 5	287 273 14 154	
11	16	113	317 5	22 10 12 169	298	206	599 5	298 1/2 290 8 16 170	
12	6	550	307 5	19 1/2 6 8 16 185	278	327	579 5	287 269 18 188	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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. 3744 PG. 114

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E.L. Brooks NOTES K.M. Sept 6-21-65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 9671

TIME 8:45 - 9:45 ROD. NO. 9-19

NOTES CHKD DATE JUN 29 '65

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 54-10A TO BM 29-4A
			185			188	
13	57 247	358 5	66 48 18 203	248 659	549 5	257 237 20 208	
14	16 613	317 5	25 4 21 224	272 311	5735	283 260 23 231	
15	96 163	3975	115 77 38 262	232 250	5335	251 213 38 269	✓
	781 832 ✓			3973 926 ✓			
BM 29-4A							BM 29-4A LA CIENEGA BLVD. 800 FT.* So. of Oil Field Road OVERPASS * B-983 (E'ly side) SEE F.B. 3705-65

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

Total Backsights = + 781.832 ✓
Total Foresights = −3973.926 ✓
Diff. Elev. = −3192.094 ✓

Backsight stadia = 262 ✓
Foresight Stadia = 269 ✓
Total Stadia = 531 ✓ meters

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 54-10A TO BM 54-10
BM. 54-10A													BM. 54-10A. Standard Oil Co. Maintainace Office. N.W. Cor. See FB. 3704-119
1	42	608	343	5	68 / 17	51	170	223	471	5	196 / 144	52	
2	301	635	602	5	301 / 275	26 x 2 / 52	~~103~~	~~704~~	~~404~~	~~5~~	129 / 77	~~52~~	S.J.W. 6-17-65 π BROOKS
						103	98	609	399	5	124 / 72	52	104
3	112	918	413	5	141 / 83	58	55	431	356	5	85 / 25	[illegible]	60
						161						164	
4	278	151	579	5	292 / 264	28	81	421	382	5	96 / 66	30	
						189						194	
5	198	121	499	5	202 / 194	8	71	307	372	5	75 / 67	8	
						197						202	
	933	433					476	991					
BM 54-10													BM 54-10 (Dept. of W&P PBM 144) 0.4 of a mile N.W. of La Cienega Blvd. at S.O. Co. Vickers #1, 35 Oil Well. See FB 2433-16

Summation of Run
From B.M. 54-10A
To B.M. 54-10

Backsight stadia = 197
Foresight Stadia = 202
Total Stadia = 399 meters

Total Backsights = + 933.433
Total Foresights = − 476.991
Diff. Elev. = + 456.442

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

SURVEY BY E.E. Brooks

NOTES BY S.J. Will DATE 6-17-65

INDEXED C. J. GALL DATE

WEATHER OVERC

TIME 10:12 - 10:35

NOTES CHKD [illegible] DATE JUN 29 65

INST. NO. 96716

ROD NO. 9-19

F.B. 3744 Pg. 115

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F.B. 3744 Pg. 116 | JOB NO. 0301.02 | SURVEY OF L. A. Co. Precise level Net | SURVEY BY C. J. Wirtz | INDEXED | DATE | NOTES FOR Volume 25

WEATHER Clear - Windy | INST. NO. 96716 | TIME 1:55 - 3:05 | ROD NO. 9-19 | NOTES CHKD [illegible] | DATE JAN 29 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 54-10 TO BM 54-10A
BM 54-10													BM 54-10 (Dept. w&p PBM 144 .04 of a mile N.W. of La Cienega Blvd. at S.O. ~~Ord~~ Co Vickers 1 #35 oil well. See FB. 2433-1C
1	69	364	370	5	73 65	8	195	610	496	5	199 191	8	backsight stadia = 204 ✓
2	75	986	396	5	90 60	30 38	293	537 ~~539~~	574	5	288 258	30 30	Foresight Stadia = 198 ✓
3	54	076	365	5	84 24	60 98	112	143	413	5	141 83	58 80	Total Stadia = 402 ✓ meters
4	109	336	440	5	135 83	52 150	301	820	602	5	304 296	25** 50 146	** R.R. Rod vigure Total Backsights = + 463.509 ✓ Total Foresights = − 920.245 ✓
5	154	787	455	5	181 127	54 204	37	135	338	6	63 11	52 198	Diff. Elev. = − 456.736 ✓
	463	509	✓				920	2.45	✓				Summation of Run From B.M. 54-10 To B.M. 54-10A
BM 54-10A													BM 54-10A Standard Oil Co. Maintainace Office N.W. Cor. See F.B. 3704-119

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

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

SURVEY BY L.S. Brooks WEATHER Overcast INST. NO. 26716

NOTES BY K.M. Kapp DATE 6-21-65 TIME 1:35 - 1:55 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD DATE JUN 29 '65

F.B. 3744 Pg. 116

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA
								FROM BM 54-10A TO BM 54-10
BM 54-10A								BM 54-10A Standard Oil Co. Maintenance
1	41	791	342 5	66 16 50	175	698	476 5	201 149 52 Office, N.W. Cor.
2	290	983	591 5	290 1/2 264 26 52 102	82	357	383 5	108 56 52 104 See F.B. 3704-119
3	104	197	405 5	133 75 58 160	46	028	347 5	76 16 60 164 T R.R. Rodriguez
4	277	608	578 5	292 262 30 190	80	564	381 5	94 66 28 192
5	189	134	490 5	193 185 8 198 ✓	62	539	363 5	66 58 8 200 ✓
	903	713	✓		447	186	✓	
BM 54-10								BM 54-10 (Dept. of W.E.P. PBM 144) 0.4 Mi. N.W. of La Cienega Blvd. at S.O. Co. Vickers #135 Oil Well. See F.B. 2433-16

Summation of Run
From B.M. 54 - 10A
To B.M. 54 - 10

Total Backsights = + 903.713 ✓
Total Foresights = − 447.186 ✓
Diff. Elev. = + 456.527 ✓

Backsight stadia = 198 ✓
Foresight Stadia = 200 ✓
Total Stadia = 398 ✓ Meters

F.B. 3744 PG. 116 B

JOB NO.______

SURVEY OF______

SURVEY BY______ NOTES______

INDEXED C. J. GALLI DATE______

WEATHER______ INST. NO.______

TIME______ ROD NO.______

NOTES CHKD______ DATE______

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM______ TO______

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM. 54-10 TO BM. 54-11A
BM. 54-10													BM. 54-10 (Dept. of W&P. PBM 144) .04 of a mile N.W. of La Cienega Blvd. at S.O. Co. Vickers #1, 35 oil well. See F.B. 2433-16
1	183	828	484	5	208 158	50 / 50	173	093	474	5	175 148	50 / 50	
2													
3													
—													
BM 54-11A													

π BROOKS

Total Backsights = + 183.828

Total Foresights = − 173.093

Diff. Elev. = + 10.735

Summation of Run

From B.M. 54-10

To B.M. 54-11A

~~π Brooks~~

BM 54-11A

STANDARD OIL WELL

VICKERS 1 # 36. .20 of A MILE N.W. of STANDARD OIL Co. MAINT. OFFICE.

SEE F.B. 3704-123

Backsight stadia = 50

Foresight Stadia = 50

Total Stadia = 100 meters

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

SURVEY BY L.E. Brooks

NOTES BY S. Will DATE 6-17-65

INDEXED C. J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 10:40 ROD NO. 9-19

NOTES CHKD [illegible] DATE JUN 29 '65

F.B. 3744 Pg. 117

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

Do not extend notes this side of this line.

F.B. 3744 Pg. 118 | JOB NO. 030102 | SURVEY OF L. A. Co. Precise Level Net | SURVEY BY L.E. Brooks NOTES FEB 18 June 65 | INDEXED C. J. GALLI DATE | NOTES CHKD [illegible] DATE JUN 29 '65 | TIME 2:50 - | WEATHER Clear | ROD NO. 9-14 | INST. NO. 9676

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 54-11A TO BM 54-10
BM 54-11A													BM 54-11A
1	193	420	494	5	199 149	49	184	110	485	5	209 159	50	STANDARD OIL WELL VICKERS 1" 36. .2066A MILE N.W. of STANDARD OIL CO. MAINT. OFFICE. SEE F.B. 3704-123 & RR Rodriguez
													Total Backsights = + 193.420 Total Foresights = − 184.110 Diff. Elev. = − 10.690
BM 54-10													BM 54-10 (DEPT. OF W.E.P. PBM144) .04 of a MILE N.W. of LA CIENEGA BLVD. AT S.O. CO. VICKERS 1" 35 OIL WELL. See F.B. 2433-16
													Backsight stadia = 49 Foresight Stadia = 50 Total Stadia = 99 meters
													Summation of Run From B.M. 54-11A To B.M. 54-10

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM. 54-11A TO BM. 54-12
BM 54-11A									BM 54-11A. Standard Oil Well Vickers 1 #36. .20 of a mile N.W. of Standard Oil Co. Maint. Office. See FB. 3704-123.
1	67	282	368 5	100 34 66	263	252	564 5	298 228 70	
2	56	214	357 5	74 38 44 / 110	232	826	533 5	252 212 40 / 110	
3	79	789	380 5	90 68 22 / 132	278	158	579 5	288 268 20 / 130	
4	18	851	319 5	25 11 14 / 146	231	997	532 5	237 223 16 / 146	
5	80	664	381 5	96 64 32 / 178	82	053	383 5	96 68 28 / 174	
	302	800			1088	286			
BM 54-12									BM 54-12 Vickers-1 #17 Oil Well See F.B. ~~3704~~ 2433-17

Brooks

Total Backsights = + 302.800

Total Foresights = − 1088.286

Diff. Elev. = − 785.486

Summation of Run
From B.M. 54-11A
To B.M. 54-12

Backsight stadia = 178
Foresight Stadia = 174
Total Stadia = 352 meters

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

SURVEY BY L.E. Brooks

NOTES BY S.J. Wall DATE 6-17-65

INDEXED C. J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 10:50 - 11:15 ROD NO. 4-19

NOTES CHKD [illegible] DATE JUN 29 '65

F.B. 3744 Pg. 119

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 54-12									FROM BM 54-12 TO BM 54-11A
1	84	084	385 5	98 70 28	82	999	383 5	98 66 32	BM 54-12 VICKERS-1 #19 OIL WELL See F.B. ~~[illegible]~~ 2433-17
2	233	193	534 5	240 226 14 42	23	473	324 5	30 16 14 46	Total Backsights = + 1073.447
3	294	297	595 5	294 283 11x2 22 64	91	504	392 5	101 81 20 66	Total Foresights = − 288.098
4	216	410	517 5	235 197 38 102	38	889	339 5	57 19 38 104	Diff. Elev. = + 785.349
5	245	463	546 5	280 210 70 172	51	233	352 5	83 19 64 168	Backsight stadia = 172
	1073	447			288	098			Foresight Stadia = 168
									Total Stadia = 340 meter
									Summation of Run From B.M. 54-12 To B.M. 54-11A
									⊼ RR Rodriguez
BM 54-11A									BM 54-11A STANDARD OIL WELL VICKERS-1 #36 .20 of A MILE N.W. of STANDARD OIL Co. MAINT. OFFICE SEE F.B. 3704-123

WEATHER clear INST. NO. 96716

TIME 2:30 - 2:45 ROD NO. 9-19

NOTES CHKD [signature] DATE JUN 29 '65

F.B. 3744 PG. 120 JOB NO. 0301.02

SURVEY OF L. A. Co. Precise Level Net

SURVEY BY E. E. Stoo NOTES FEB 18 June 65

INDEXED C. I. GALLI DATE

76P526 CE # 308 3-61

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L ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

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JOB NO. 030102 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY: Brooks WEATHER Overcast INST. NO. 96716

NOTES BY S.W.B. DATE 6-17-65 TIME 11:20 ROD NO. 9-19

INDEXED C. J. GALL DATE NOTES CHKD. DATE JUN 29 '65

F.B. 3744 Pg. 121

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 54-12 TO BM 54-12A
BM 54-12									BM 54-12. Vickers-1 #19 Oil Well. See F.B. 2433-19 T 13 Rooks
1	82	071	383	5 92 72 20	160	778	461	5 164 153 15	
BM 54-12A									BM 54-12A Std. Oil Vickers-1 #19 See F.B. 3704-127

Summation of Hub
From B.M. 54-12
To B.M. 54-12A

Total Backsights = + 82.071
Total Foresights = − 160.778
Diff. Elev. = −78.707

Backsight stadia = 20
Foresight Stadia = 15
Total Stadia = 35 meters

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 54-12A TO BM 54-12
BM54-12A									BM. 54-12 A Vickers-1 #19 Oil Well.
1	164	223	465 5	192 156 16	85	524	386 5	95 75 20	See FB 3704-127 ↑ RR Rodriguez
BM54-12									BM 54-12 Std. Oil Well Vicker-1 #19 See F.B. [redacted] 2433-17

Summation of Run
From B.M. 54-12 A
To B.M. 54-12

Total Backsights = + 164.223
Total Foresights = − 85.524
Diff. Elev. = + 78.699

Backsight stadia = 16
Foresight Stadia = 20
Total Stadia = 36 meters

WEATHER clear INST. NO. 96716
TIME 2:30 ROD NO. 9-69
NOTES CHKD [signature] DATE JUN 29 '65

F.B. 3744 PG. 122 JOB NO. 0301.02
SURVEY OF ~~L. A. Co. Precise Level Net~~
SURVEY BY [illegible] NOTES FEB 18 June 65
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM.54-12A TO BM.54-13
BM.54-12A									BM.54-12A Vickers-1 #19 Oil Well. See F.B. 3704-127 π BROOKS
1	137	385	438 5	148 120 22	243	615	544 5	253 233 20	
2	~~251~~	~~521~~	~~552 5~~		251	521	552 5	258 245 13	
	31	217	332 5	37 25 12 / 34				33	
3	40	127	341 5	47 33 14 / 48	227	920	528 5	234 220 14 / 47	
4	23	008	324 5	29 17 12 / 60	277	250	578 5	283 271 12 / 59	
5	7	506	308 5	13 7 6x2 12 / 72	295	645	596 5	301 288 13 / 72	
~~6~~			~~5~~		~~260~~	~~108~~	~~561 5~~	~~266 254 12~~	SJW. 6-17-65
					~~253~~	~~622~~	~~554 5~~	260 246	
6	4	108	305 5	10 4 6x2 12 / 84	259	228	560 5	266 252 14 / 86	
7	36	331	337 5	48 24 24 / 108	103	695	404 5	114 92 22 / 108	1 hr. for Lunch!
8	22	915	323 5	32 12 20 / 128	299	198	600 5	297 289 10x2 20 / 128	
9	32	060	333 5	40 24 16 / 144	296	418	597 5	296 289 7x2 14 / 142	
10	24	862	325 5	29 19 10 / 154	275	113	576 5	281 269 12 / 154	
11	42	005	343 5	50 34 16 / 170	286	672	587 5	274 278 16 / 170	

JOB NO. 030102 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY E. BROOKS

NOTES BY S.K. Will DATE 6-17-65

INDEXED [illegible] DATE

WEATHER OVER CAST INST. NO. 96716

TIME 11:25 ROD NO. 9-19

NOTES CHKD. [illegible] DATE JUN 29 '65

F.B. 3744 PG. 123

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
				170				170	FROM BM 54-12A TO BM 54-13
12	9	851	310 5	13 5 7	239	830	540 5	244 234 10	Total Backsights = + 492.539
				177				180	Total Foresights = − 3374.959
13	22	084	323 5	28 16 12	283	412	584 5	290 277 13	Diff. Elev. = − 2882.420
				189				193	Backsight stadia = 201
14	59	080	360 5	65 53 12	35	442	336 5	40 30 10	Foresight Stadia = 203
				201				203	Total Stadia = 404 metres
	492	539			3374.959				Summation of Run From B.M. 54-12A To B.M. 54-13
BM 54-13									BM 54-13 S.W'ly of PRIVATE paved Road 225 ± FT N.W. of Standard Oil WELL Vickers-1 #9 See F.B. 2433-18

F.B. 3744 PG. 124

JOB NO.

SURVEY OF L. A. Co. Precise Level Net

SURVEY BY R. E. Brooks NOTES S.J. Will

INDEXED C. J. Unlli DATE

WEATHER OVERCAST INST. NO. 96716

TIME 11:25 - 1:45 ROD NO. 9-19

NOTES CHKD [signature] DATE JUN 29 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 54-13 TO BM54-12A
BM54-13									BM 54-13
1	37	711	338 5	43 31 12	60	377	361 5	66 54 12	S. W'ly of PRIVATE PAVED Road 225± FT. N.W. of STANDARD Oil WELL VICKERS-1 #9
2	287	854	588 5	294 281 13 25	29	644	330 5	35 23 12 24	See F.B. 2433-18
3	247	654	548 5	252 242 10 35	12	727	317 5	16 8 8 32	⊼ RR Rodriguez
4	299	188	600 5	299 291 8x2 16 51	57 ~~72~~	999 ~~157~~	358 5 ~~373 5~~	66 48 81 ~~63~~ 18 50	
5	270	484	571 5	276 264 12 63	19	523	320 5	24 14 10 60	
6	297	874 ~~874~~	598 5	297 290 7x2 14 77	32	521	333 5	40 24 16 76	
7	291	255	592 5	301 281 20 97	15	868	316 5	24 6 18 94	
8	127	364	428 5	139 115 24 121	61	727	362 5	73 49 24 118	
9	257	942	558 5	264 250 14 135	11	765	312 5	17 5 12 130	
10	298	397	599 5	298 291 7x2 14 149	6	560	307 5	12 6 6x2 12 142	
11	274	910	575 5	280 268 12 161	13	903	314 5	20 6 14 156	
12	234	800	535 5	241 227 14 175	45	597	346 5	53 30 16 172	

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

SURVEY BY L. E. Brooks WEATHER Clear INST. NO. 96716

NOTES BY FEB DATE ~~[illegible]~~ - 18 June 65 TIME 1:45 - 2:25 ROD NO. 7-19

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE JUN 29 '65

F.B. 3744 PG. 125

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 54-13 TO BM 54-12A
				175				172	
13	248	284	549 5	254 242 12 / 187	30	285	331 5	36 24 12 / 184	Backsight stadia = 209 ✓ Foresight Stadia = 206 ✓ Total Stadia = 415 meters
14	271	011	572 5	282 260 22 / 209	163	543	464 5	174 152 22 / 206	Total Backsights = + 3444.628 ✓ Total Foresights = − 562.039 ✓ Diff. Elev. = + 2882.589 ✓
	3444	628			562	039			
									Summation of Run From B.M. 54-13 To B.M. 54-12A
BM 54-12A									BM 54-12A Vickers-1 # 19 Oil Well See F.B. 3704-129

WEATHER clear INST. NO. 96716
TIME 1:45 - 2:25 ROD NO. 9-19
NOTES CHKD [illegible] DATE JUN 29 '63

F.B. 3744 PG. 126 JOB NO. 0301.02
SURVEY OF L. A. Co. Precise Level No.
SURVEY BY [illegible] NOTES FEB 18 June 63
INDEXED C. J. [illegible] DATE

76P526 CE # 308 3-61

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403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

JOB NO. 030102 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY S. & Will & Crew WEATHER Brk. Cloudy INST. NO. 2671C
NOTES BY C. J. Gall DATE 6-17-65 TIME 1:30-2:20 ROD NO. 2-16
INDEXED DATE NOTES CHKD DATE JUN 29 '65
F.B. 3744 Pg. 127

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 54-13 TO BM 54-14A
BM 54-13									BM 54-13 S. W'ly. of Private pared road. 225± Ft. N.W. of Standard Oil Well Vickers-1 #9 A Brooks See FB 2455 Pg 18
1	35	380	336	5 40 / 30 10	211	625	512	5 21T / 208 12	
2	27	278	324	5 40 / 14 26 / 36	288	592	589	5 301 / 274 25 / 37	
3	26	407	327	5 35 / 17 18 / 54	246	058	547	5 25[illegible] / 237 18 / 55	
4	19	005	320	5 30 / 8 22 / 76	296	760	597	5 296 / 275 1172 22 / 77	
5	39	275	340	5 49 / 29 20 / 96	280	128	587	5 297 / 275 22 / 99	
6	15	105	316	5 37 / 15 22 44 / ~~130~~ 140	~~251~~ 293	~~845~~ 165	~~552~~ 594	~~5~~ 5 ~~269~~ 293 18 / 275 36 / 135	
	162	450			1622	728			Total Backsights = + 162.450 Total Foresights = − 1622.328 Diff. Elev. = −1459.878 Backsight stadia = 140 Foresight Stadia = 135 Total Stadia = 275 Meters Summation of Run From B.M. 54-13 To B.M. 54-14A
BM 54-14A									BM 54-14A Tidewater Associates Oil Well Vickers #45 .48 of a mile E'ly of Jefferson Blvd See F.B. 3704-131

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

INST. NO. 96716
ROD NO. 9-19
DATE JAN 29 '65
NOTES CHKD
WEATHER Clear
TIME 1:25 - 1:45

F.B. 3744 Pg. 128
JOB NO. 030102
SURVEY OF L. A. Co. Precise Level Net
SURVEY BY
NOTES FEB 18 June 65
INDEXED
C. J. GALLI DATE

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM BM54-14A TO BM54-13
BM54-14A							BM 54-14A TIDEWATER ASSOCIATES Oil Well VICKERS #45 48 of FAMILIES E'ly of JEFFERSON Blvd. SEE F.B. 3704-131
1	292 062	593 5	292 1942 273 38	13 800	314 5	31 2142 13 42	
2	284 232	586 5	294 274 20 58	37 597	738 5	47 27 20 62	
3	297 491	598 5	297 1142 286 22 80	14 444 484	519 5	28 5 23 85	TRR Rodriguez
4	249 664	550 5	258 240 18 98	35 626	336 5	44 26 18 103	Total Backsights = + 1633.736
5	299 664	600 5	291 1642 285 26 126	36 949	337 5	49 23 26 129	Total Foresights = − 197.873 Diff. Elev. = + 1759.863
6	210 623	511 5	215 205 10 136	33 457	334 5	39 27 12 141	Backsight stadia = 136 Foresight Stadia = 141 Total Stadia = 277 meters
	1633 736			M3 873			Summation of Run From B.M. 54-14A To B.M. 54-13
BM54-13							BM 54-13 5' W'ly of Private Road 225± ft. N.W. of Std. Oil Well Vickers-1 #9 See F.B. 2433-18

76P526 CE # 308 3-61

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM.54-14A.									FROM BM.54-14A TO BM.54-15
1	58	366	359 5	64 52 22	257	612	558 5	267 251 22	BM.54-14A. Tidewater Associates Oil Well Vickers #45 .48 of a mile E'ly of Jefferson Blvd. See FB. 3704-131
2	6	780	307 5	13 6 5x2 10 32	~~253~~	~~458~~	~~557 5~~	~~260~~ ~~246~~ 14	
					260	412	561 5	267 253 36	
3	37	~~657~~ 657	338 5	46 28 18 50	301	539	602 5	301 291 16x2 20 56	A BROOKS
4	26	218	327 5	31 21 10 60	268	699	567 5	272 264 8 64	
5	67	124	368 5	79 55 24 84	276	583	577 5	277 265 22 86	
6	~~30~~ 29	982	330 5	34 24 10 94	299	338	600 5	299 293 6x2 12 98	
7	15	403	316 5	21 9 12 106	294	668	595 5	299 288 11 109	
8	8	544	309 5	14 2 12 118	~~296~~	~~305~~	~~597 5~~	298 299 6x2 12 121	
					295	478	596 5		
9	14	162	315 5	16 12 4 122	282	578	583 5	284 280 4 125	
10	19	279	320 5	34 4 30 152	251	548	552 5	265 237 28 153	
11	23	800	324 5	32 14 18 170	292	718	593 5	300 284 16 169	
12	41	426	342 5	55 27 28 198	280	230	581 5	293 267 26 195	

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

SURVEY BY [illegible] Brooks

NOTES BY S. J. Wills DATE 6-17-65

INDEXED C. J. GALLI DATE

WEATHER Sun & Cloudy INST. NO 96716

TIME 2:25 - 3:30 ROD NO. 9-19

NOTES CHKD [illegible] DATE JUN 29 '65

F.B. 3744 PG. 129

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM54-14A TO BM54-15
13	13	008	314 5	20 / 13 / 198 / 7x2 / 14 / 212	174	683	475 5	182 / 160 / 195 / 16 / 211	
	361	749			3536	086			
BM 54-15									BM 54-15 .20 mile E. of Jefferson Blvd. 60 ft. S. of S edge of Private road. see F.B. 3704-133, 134

Summation of Run
From B.M. 54-14A
To B.M. 54-15

Total Backsights = + 361.749
Total Foresights = − 3536.086
Diff. Elev. = − 3174.337

backsight stadia = 212
Foresight Stadia = 211
Total Stadia = 423 meters

WEATHER SUNNY INST. NO. 96
TIME 2:25-3:30 ROD NO. 9
NOTES CHKD [illegible] DATE JUN 29

JOB NO. 0301.02
SURVEY OF A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES S.V. Will
INDEXED C. J. Galli DATE

F.B. 3744 PG. 130

76P526 CE # 308 3-61

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

SURVEY BY L. L. Brooks WEATHER Clear INST. NO. 2611

NOTES BY F.E.B. DATE 18 June 1965 TIME 11:35 - 1:45 ROD NO. 9-14

INDEXED C. J. Wood DATE NOTES CHKD [illegible] DATE JUN 29 '65

F.B. 3744 Pg. 131

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM64-15 TO BM64-14A
BM64-15									BM64-15 .20 of a mile E. of Jefferson Blvd. 60 ft. S. of S. edge of Private Rd. See F.B. 3704-133, 134
1	196	094	497	5	42	881	343	5	48 36 12
2	298	220	599	5	53	908	354	5	67 79 28 40
3	294	458	595	6	23	244	324	5	32 14 18 58 — π R R Rodriguez
4	271	404	572	6	7	395	308	5	22 7 15+ 30 88
5	253	012	554	6	5	122	306	5	11 5 6x2 12 100 — 1 hr. for 1 inch
6	292	424	593	6	14	545	315	5	19 9 10 110
7	287	318	588	6	5	609	306	5	11 5 6x2 12 124
8	284	862	586	5	19	750	320	5	24 14 10 132
9	279	641	580	5	69	954	318	5	78 65 23 155
10	274	394	575	5	34	904	335	5	38 30 8 163
11	300	049	601	5	33	943	334	5	42 24 18 181
12	259	387	560	5	7	826	308	5	14 7 7x2 14 195

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM54-15 TO BM54-14A
13	271	153	572 5	198 277 265 12 210	71	553	372 5	195 78 64 14 209	
	3563	016			388	574			
BM54-14A									BM54-14A Tidewater Associated well Vicker #45 .48 mile E'ly of Jefferson Blvd. See F.B. 3704-131

Summation of Run
From B.M. 54-15
To B.M. 54-14A

Total Backsights = + 3563.016
Total Foresights = − 388.574
Diff. Elev. = +3174.442

Backsight stadia = 210
Foresight Stadia = 209
Total Stadia = 419
not...

F.B. 3744 PG. 132 JOB NO. 0501.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES FEB 18 June 65
INDEXED C. J. WALLI DATE

WEATHER clear INST. NO. 96716
TIME 11:35-1:25 ROD NO. 9-19
NOTES CHKD [illegible] DATE JUN 29 '65

76P526 CE # 308 3-61

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403 Los Angeles County Engineering Bldg.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY [redacted] WEATHER Overcast INST. NO. 96716
NOTES BY F.B. DATE 15 June 1965 TIME 8:55 - 9:00 ROD NO. 9-19
INDEXED C. J. GALLI DATE NOTES CHKD [redacted] DATE JUN 29 '65
F.B. 3744 Pg. 133

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA	FROM BM.54-15 TO BM.54-15A
BM.54-15								BM.54-15 .20 of a mile E of Jefferson Brd. 60 ft So. of So. edge of private road. See F.B. 3704-133-134.
1	55 445	350 5	LB 42	2C	124 064	575 5	238 210	28
2	139 910	440 5	148 130	18 44	155 627	466 5	164 140	18 46
	195 355				379 591			TRR Rodriguez
								BM.54-15A. .200 E. a mile E. of Jefferson Brd. 328 Ft So of So. edge of private road. See F.B 3704-133-134.

Summation of Sights From B.M. 54-15 To B.M. 54-15A
Total Backsights = + 195.355
Total Foresights = − 379.591
Diff. Elev. = − 184.236

Backsight stadia = 44
Foresight Stadia = 46
Total Stadia = 90 meters.

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM.54-15A TO BM.54-15
BM54-15A									BM.54-15A. .20 of a mile E of Jefferson Blvd. 328 ft. So of So. edge of private rd. See FB. 3704-133-134
1	152	247	453 5	160 144 16	138	910	439 5	147 129 18	
2	227	683	528 5	241 213 28 44	56	746	357 5	70 43 27 45	
	379	930			195	656			TRR Rodriguez
BM54-15									BM.54-15 .20 of a mile E of Jefferson Blvd. 60 ft. So. of So edge of Private rd. See F.B. 3704-133-134

Summation of Run
From B.M. 54-15A
To B.M. 54-15

Total Backsights	= +	379.930
Total Foresights	= −	195.656
Diff. Elev.	= +	184.274

Backsight stadia	=	44
Foresight Stadia	=	45
Total Stadia	=	89 meters

F.B. 3744 PG. 134

SURVEY OF L. A. Co. Precise Level Net

SURVEY BY E. E. Brooks

INDEXED C. J. GALLI

JOB NO. Q301.02

NOTES FEB. 18 June 65

DATE

WEATHER clear

TIME 11:30 - 11:35

NOTES CHKD. [illegible]

INST. NO. 96716

ROD NO. 9-19

DATE JUN 29 '65

76P526 CE # 308 3-61

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM.54-15A									FROM BM.54-15A TO BM.27-47
1	155	352	456 5	164 146 18	139	762	440 5	148 130 18	BM.54-15A. .20 of a mile E. of Jefferson Blvd. 328 ft. So. of So. edge of private rd. See FB. 3704-133-134.
2	125	448	426 5	142 108 34 52	246	302	547 5	262 230 32 50	
3	65	403	366 5	44 56 18 70	301	379	502 5	301 291 10x2 20 70	⊼ RR Rod rigger
4	22	748	323 5	31 13 18 88	292	077	593 5	302 282 20 90	
5	40	743	341 5	49 31 18 106	242	497	543 5	252 233 19 109	
6	86	253	397 5	121 72 49 155	198	898	499 5	222 174 48 157	
7	50	267	351 5	66 34 32 187	268	656	569 5	284 252 32 189	
8	94	999	395 5	99 89 10 197	254	646	555 5	259 249 10 199	
	~~641~~ 651	213			1944	217			
BM 27-47									BM 27-47 Jefferson Blvd and Leahy St. See F.B. 3703 - 89

Summation of Run
From B.M. 54-15A
To B.M. 27-47

Total Backsights = + 651.213
Total Foresights = − 1944.217
Diff. Elev. = −1293.004

Backsight stadia = 197
Foresight Stadia = 199
396 meters

JOB NO. 030102 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY E.E. Brown

NOTES BY F.E.B. DATE 18 June 1965 WEATHER over cast INST. NO. 96716

INDEXED C. J. GALLI DATE TIME 9:00 ROD NO. 9-19

NOTES CHKD [illegible] DATE JUN 29 '65

F.B. 3744 PG. 135

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-47 TO BM 54-15A
BM 27-47									BM 27-47 Jefferson Blvd and Leahy St. See F.B. 3703 - 89
1	248	283	549 5	253 243 10	88	931	389 5	93 83 10	
2	269	011	570 5	286 252 34 44	50	172	351 5	66 34 32 42	⊼ RR Rodriguez
3	194	477	495 5	219 169 50 94	96	582	397 5	120 72 48 90	
4	242	354	543 5	251 233 18 112	38	176	339 5	47 29 18 108	Summation of Run From B.M. 27-47 To B.M. 54-15A
5	285	723	586 5	295 276 19 131	29	842	330 5	38 20 18 126	
6	298	625	599 5	298 289 9x2 18 149	46	724	347 5	55 37 18 144	Total Backsights = + 1919.697 Total Foresights = − 626.776 Diff. Elev. = +1292.921
7	242	327	543 5	258 226 32 181	124	122	425 5	141 107 34 178	
8	138	897	439 5	147 129 18 199	152	227	453 5	160 144 16 194	Backsight Stadia = 199 Foresight Stadia = 194 Total Stadia = 393 meters
	1919	697			626	776			
BM 54-15A									BM 54-15A .20 mile E. of Jefferson Blvd. 328 ft. S. of S edge of Private Rd. See F.B. 3704-133, 134

WEATHER Broken Clouds INST. NO. 9C716
TIME 11:00 - 11:30 ROD NO. 9-19
NOTES CHKD [illegible] DATE JUN 29 '66

JOB NO. 0301.02
SURVEY OF S. A. Co. Precise Level Net
SURVEY BY [illegible] NOTES F.E.B. 18 June 1965
INDEXED C. J. GALLI DATE

F.B. 3744 PG. 136

76P526 CE # 308 3-61

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM27-47 TO BM27-46
BM27-47									BM27-47 Jefferson Blvd and Leahy St. See F.B. 3703 — 89
1	184	394	485 5	190 178 12	179	327	480 5	185 173 12	
2	37	282	338 5	65 9 56 68	231	724	532 5	261 201 60 72	π RR Rodriguez
3	63	053	364 5	91 35 56 124	239	200	540 5	268 210 58 130	
4	93	921	394 5	122 64 58 182	219	505	520 5	248 190 58 188	
5	95	441	396 5	123 67 56 238	217	214	518 5	244 190 54 242	
6	159	423	460 5	165 153 12 250	187	063	488 5	194 180 14 256	
	633	514			1274	033			
BM27-46									BM 27-46 Jefferson Blvd .40 mile E'ly of Overland Ave See F.B. 1393 - 38

Summation of Run
From B.M. 27-47
To B.M. 27-46

Total Backsights = + 633.514
Total Foresights = − 1274.033
Diff. Elev. = − 640.519

Backsight stadia = 250
Foresight Stadia = 256
Total Stadia = 506 meters

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

SURVEY BY FE Brooks

NOTES BY FEB DATE 18 June 1965

INDEXED C. J. GALLI DATE

WEATHER overcast

TIME 9:50 - 10:20

NOTES CHKD [signature]

INST. NO. 96716

ROD NO. 9-19

DATE JUN 29 '65

F.B. 3744 PG. 137

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 27-46 TO BM 27-47
BM 27-46									BM 27-46 Jefferson Blvd .40 mile E'ly of Overland Ave See F.B. 1393-38
1	187 ~~[illegible]~~	059	488 5	194 180 14	151	897	452 5	157 145 12	
2	212	177	513 5	239 185 54 68	96	738	397 5	124 68 56 68	
3	217	555	518 5	246 188 58 126	92	999	393 5	122 63 59 127	⊼ RR Rodriguez
4	226	765	527 5	255 198 57 183	51	694	352 5	79 23 56 183	
5	232	800	533 5	262 202 60 243	38	490	339 5	66 10 56 239	
6	172	999	473 5	178 166 12 255	177	024	478 5	183 171 12 251	
	1249	355			608	842			
BM 27-47									BM 27-47 Jefferson Blvd. and Leahy St. See F.B. 3703-89

Summation of Run
From B.M. 27-46
To B.M. 27-47

Total Backsights = + 1249.355
Total Foresights = − 608.842
Diff. Elev. = + 640.513

Backsight stadia = 255
Foresight Stadia = 251
Total Stadia = 506

F.B. 3744 PG. 138 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F.E. Brooks NOTES F.E.B. 18 June 1965

INDEXED C. J. GALLI DATE

WEATHER Broken clouds INST. NO. 96716

TIME 10:40 - 11:00 ROD NO. 9-19

NOTES CHKD [illegible] DATE JUN 29 '65

Notes Ck'd by	Survey of
Map No.	JN Tape Std °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed C. J. GALLI OCT 1 1 65

F. B. 3744 PG. 139

J.N. 0301.02

L.A. COUNTY PRECISE LEVEL NET

LINE No 8

RERUN

From La Mirada

To Dominguez

Via Valley View Rd — Artesia Blvd — Carmenita Rd — South St. — Bloomfield Ave — Carson St — Norwalk Blvd — Spring St — Cherry Ave — Wardlow Rd — Long Beach Blvd — U.P.R.R. — and Dominguez St.

F.E. Brooks
K.M. Kapp
V.F. Lieber
R.R. Rodriguez
M.L. Bustram

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76F309S CE #310 6-63

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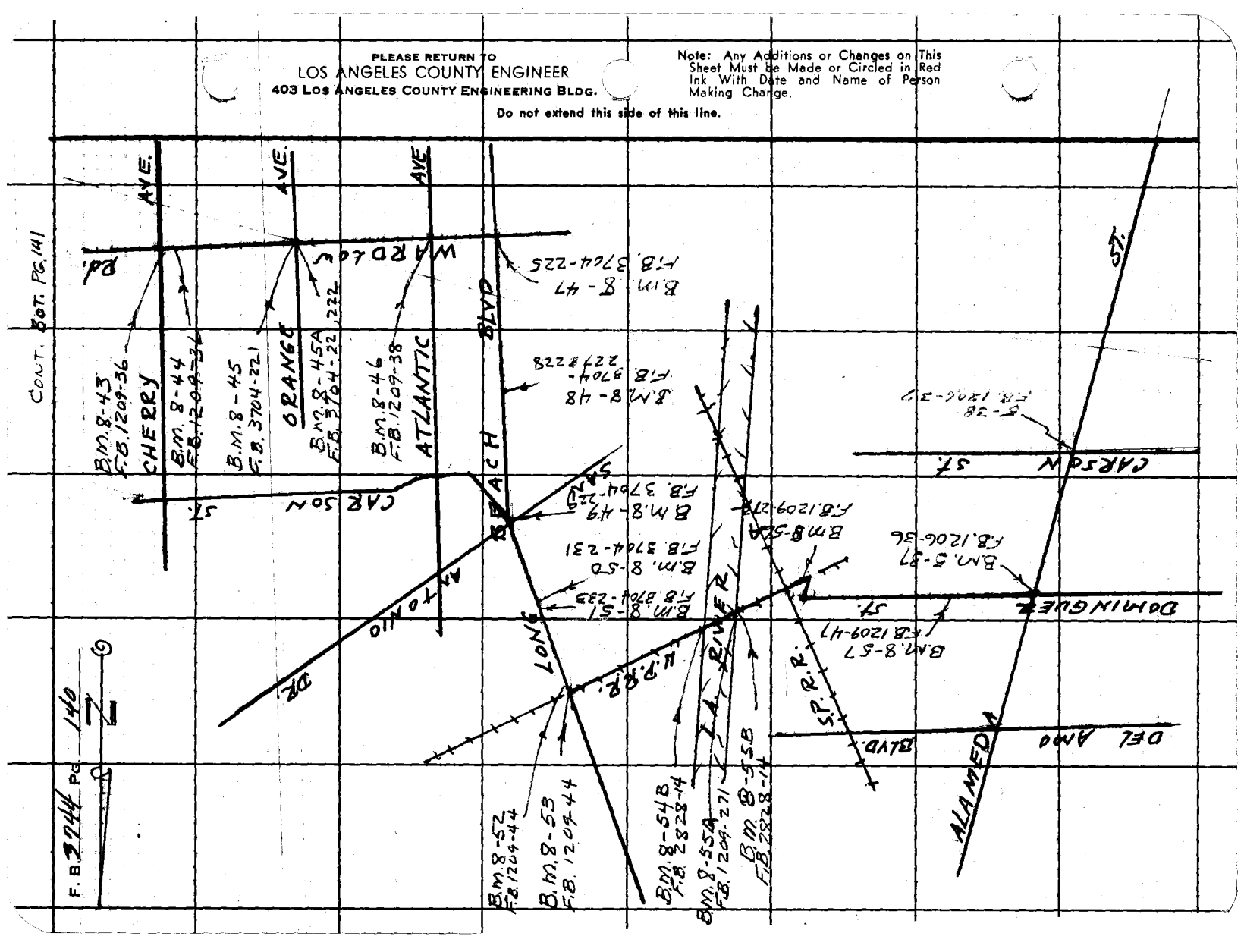

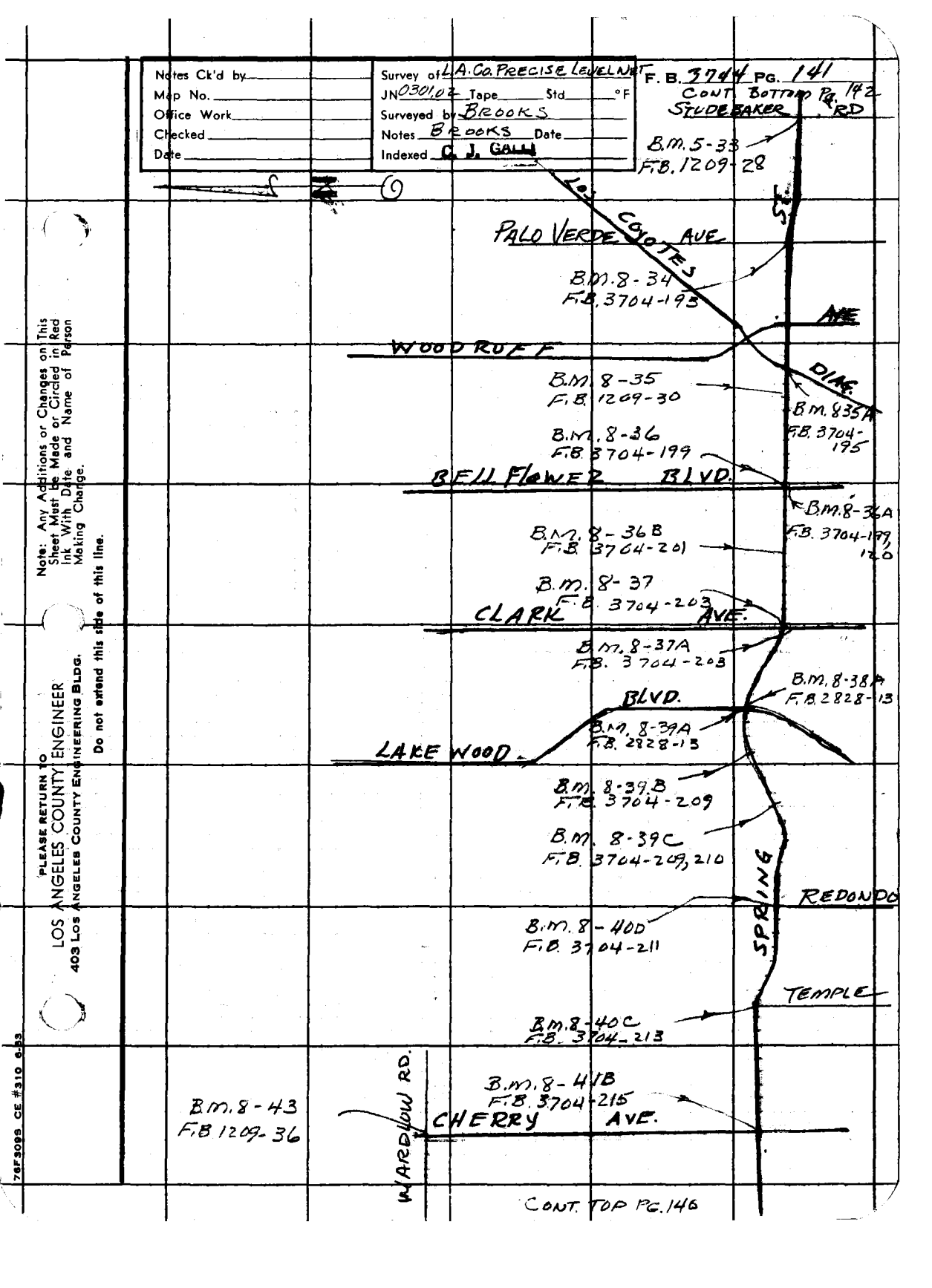
Notes Ck'd by
Map No.
Office Work
Checked
Date
Survey of L.A. Co. PRECISE LEVEL NET
JN 0301,02 Tape Std °F
Surveyed by BROOKS
Notes BROOKS Date
Indexed C. J. GALL
F. B. 3744 PG. 141
CONT BOTTOM PG. 142
STUDEBAKER RD
B.M. 5-33
F.B. 1209-28
Lo. COYOTES
PALO VERDE AVE.
B.M. 8-34
F.B. 3704-193
WOODRUFF
B.M. 8-35
F.B. 1209-30
DIAG.
B.M. 835A
F.B. 3704-195
B.M. 8-36
F.B. 3704-199
BELL FLOWER BLVD.
B.M. 8-36A
F.B. 3704-199, 120
B.M. 8-36B
F.B. 3704-201
B.M. 8-37
F.B. 3704-203
CLARK AVE.
B.M. 8-37A
F.B. 3704-203
B.M. 8-38A
F.B. 2828-13
BLVD.
B.M. 8-39A
F.B. 2828-13
LAKE WOOD
B.M. 8-39B
F.B. 3704-209
B.M. 8-39C
F.B. 3704-209, 210
REDONDO
SPRING
B.M. 8-40D
F.B. 3704-211
TEMPLE
B.M. 8-40C
F.B. 3704-213
B.M. 8-41B
F.B. 3704-215
CHERRY AVE.
WARDLOW RD.
B.M. 8-43
F.B. 1209-36
CONT. TOP PG. 146
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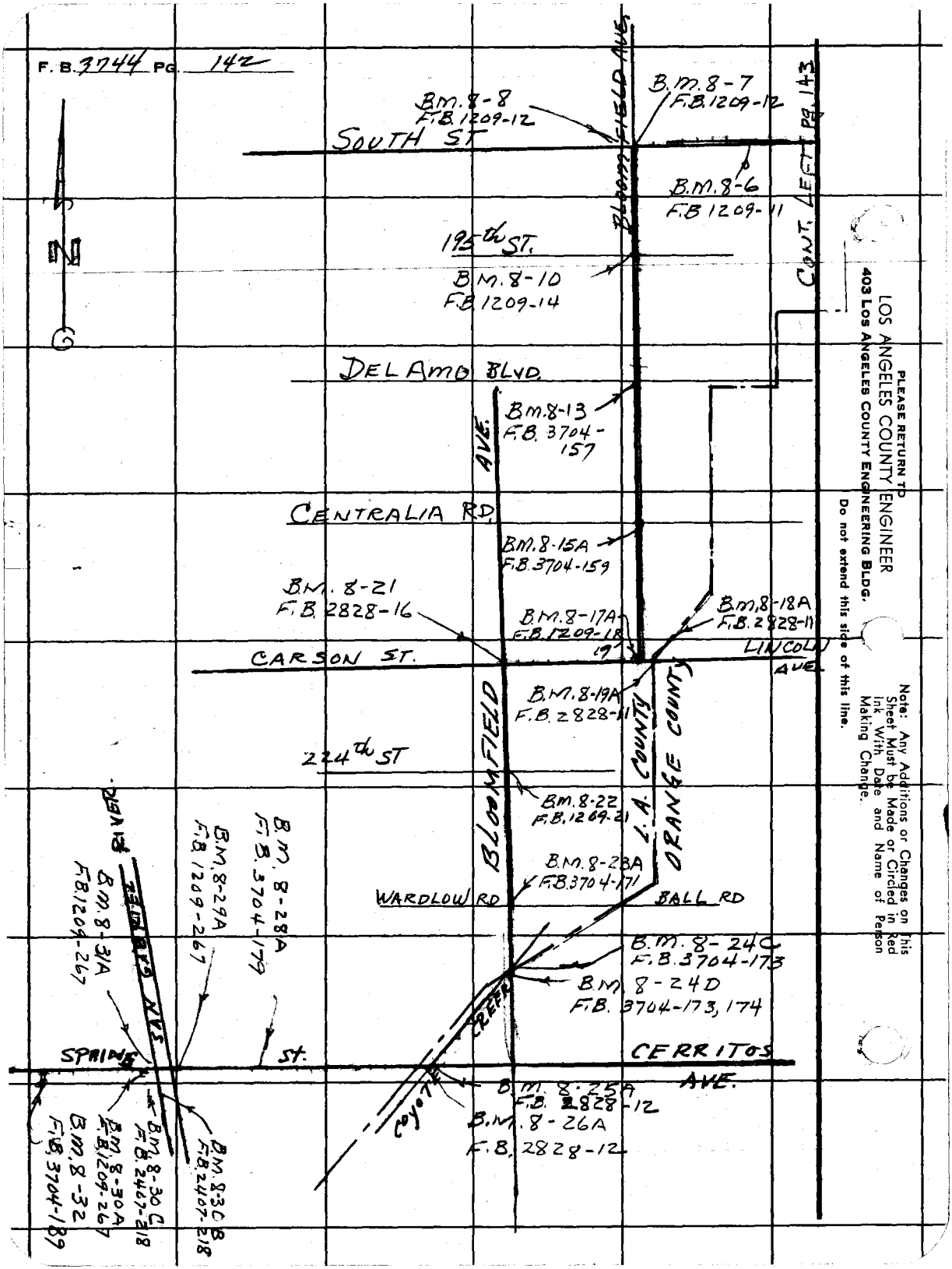
78F3095 CE #310 6-83

F. B. 3744 PG. 142



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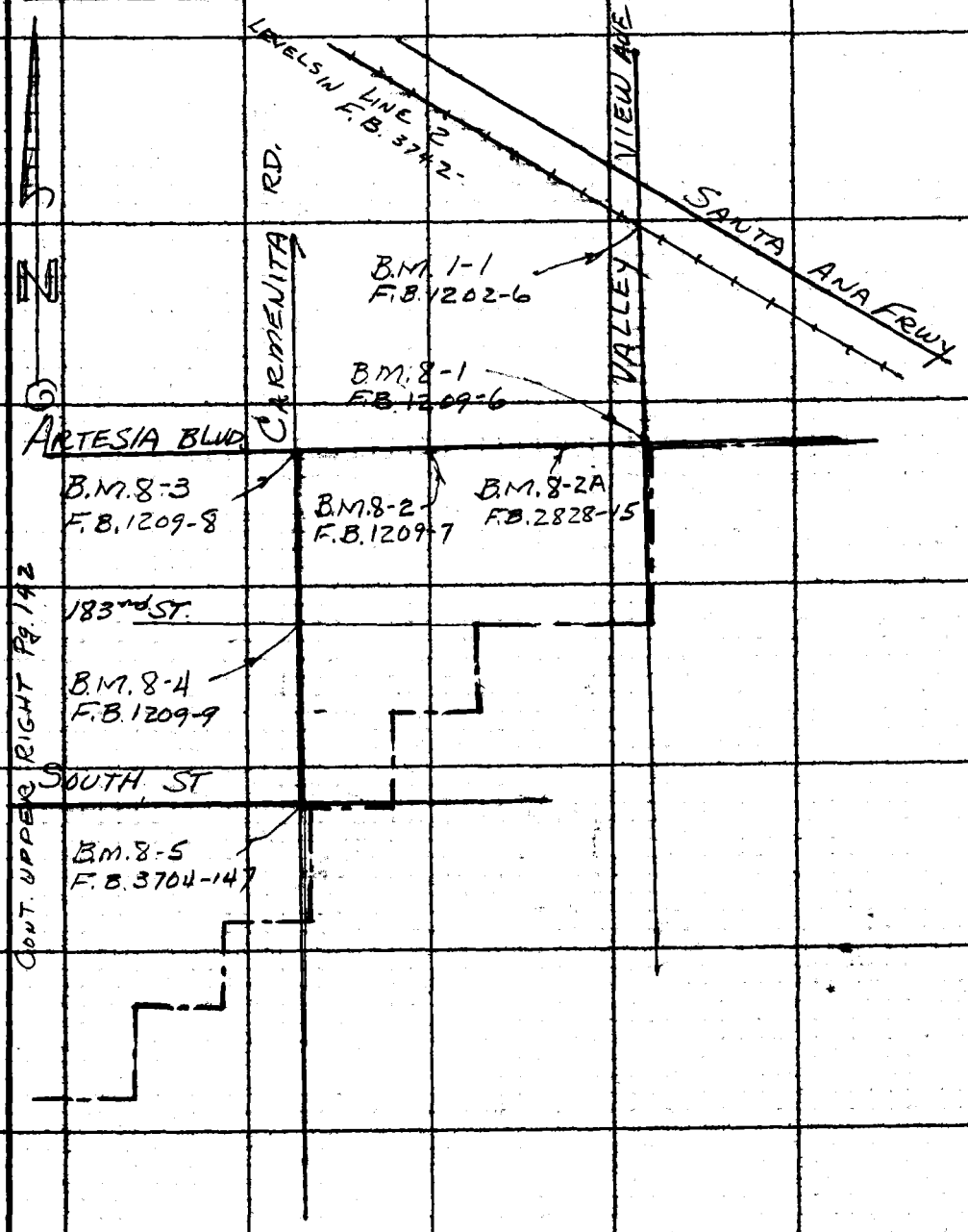
Notes Ck'd by	Survey of LA Co. PRECISE LEVELNET F. B. 3744 PG. 143
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by BROOKS - DREIER
Checked	Notes Date
Date	Indexed C. J. GALLI



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76F3099 CE #310 6-53

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F. B. 7044 PG. 144

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY L.E. Brady
NOTES BY K. Hartzog, M. Bestor DATE 2/16/61 C.S.
INDEXED DATE
WEATHER Overcast TIME 8:30-4:00 ROD NO. 2-11
NOTES CHKD. C. R. Gault DATE MAY 13 '65
INST. NO. 96716
F.B. 3744 Pg. 145

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 5-38 TO BM 5-37
BM 5-38			(used steel Tape						BM 5-38 (US 2867) (USC&GS D-167) Carson St. and Alameda. St. S.E. corn. See F.B. 1206-37
1	24	968		27 19 10	144	639	445	5 150 138 12	
2	159	580	460	5 190 128 62 72	150	852	451	5 179 121 58 70	T Kapp
3	163	830	464	5 195 131 64 136	150	488	451	5 182 118 64 134	
4	143	449	444	5 170 116 54 190	122	076	423	5 150 94 56 190	Summation of Ran From B.M. 5-38 To B.M. 5-37
5	165	628	466	5 202 128 74 264	147	373	448	5 185 109 76 266	
6	164	009	465	5 199 129 70 334	144	370	445	5 179 109 70 336	Total Backsights = + 1116.372 ✓
7	172	249	473	5 206 138 68 402	157	917	458	5 191 123 68 404	Total Foresights = − 1234.552 ✓
8	122	039	423	5 132 112 20 422	216	637	517	5 227 205 22 426	Diff. Elev. = − 118.180 ✓
	1116	372 ✓			1234	552 ✓			
BM 5-37									BM 5-37 (US 4099) (USC&GS R-768) Alameda St. and Dominguez St. 16' S. of Dominguez St. See F.B. 1206-36
					Backsight stadia = 422 ✓				
					Foresight Stadia = 426 ✓				
					Total Stadia = 848 Meters				

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

INST. NO. 96716
ROD NO. 9-14
DATE OCT 13 '65
WEATHER overcast
TIME 12:45 - 11:15
NOTES CHKD [illegible]

JOB NO 0306.02
SURVEY OF L. A. Co. Precise Level Net
SURVEY BY Geog & NOTES FEB & Gdy 65
INDEXED C. J. GALLY DATE
P.B. 3744 Pg. 146

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 5-37 TO BM 5-38
BM 5-37									BM 5-37 (US 4097) (USCGGS R-768) Alameda St. and Domingues St. 168' S. of Domingues St. See F.B. 1206-36
1	240	353	541 5	254 / 226 28	128	700	429 5	142 / 113 29	
2	132	508	433 5	164 / 100 64 92	164	419	465 5	196 / 132 64 93	
3	143	803	444 5	178 / 108 70 162	163	472	464 5	200 / 126 74 167	T FE Brooks
4	143	645	444 5	182 / 104 78 240	161	162	462 5	197 / 125 72 239	Summation of Run From B.M. 5-37 To B.M. 5-38
5	114	379	415 5	142 / 86 56 296	137	448	478 5	164 / 110 54 293	
6	146	702	447 5	178 / 114 64 360	159	601	460 5	191 / 127 64 357	Total Backsights = + 1209.660'
7	148	800	449 5	177 / 119 58 418	154	707	455 5	185 / 123 62 419	Total Foresights = − 1091.428'
8	139	490	446 5	145 / 133 12 430	121	919	—	26 / 16 10 429	Diff. Elev. = +118.232' * used steel tape
	1209 660		✓		1091 428		✓		
BM 5-38									BM 5-38 (0.52867 N 0.56.99.5 D169) Carson St & Alameda St. S.E. Cor. See F.B. 1206-37
					backsight stadia = 430'				
					Foresight Stadia = 429'				
					Total Stadia = 859 meters				

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM. 5-37 TO BM. 8-57
BM. 5-37									BM. 5-37 (US. 4097) (US. CGS. R-768 Alameda St. & Dominguez St. 168 Ft. So of Dominguez St See F.B. 1206-36
1	252	169	553 5	261 243 18	70	180	371 5	80 60 20	
2	122 ~~102~~	161	423 5	145 99 46 64	170	109	471 5	194 146 48 68	
3	136	142	437 5	168 104 64 128	133	821	434 5	165 101 64 132	K. M. Kapp
4	166	329	467 5	203 129 74 202	158	942	459 5	195 121 74 206	
5	158	732	459 5	208 108 100 302	142	999	443 5	193 91 102 308	
6	139	079	440 5	172 106 66 368	122	110	423 5	154 90 64 372	
7	144	607	445 5	174 114 60 428	182	150	483 5	211 153 58 430	
	1119	219			980	311			
BM 8-57									BM 8-57 Dominguez St. and Santa Fe Ave S.W. Cor. See F.B. 1209-47

Summation of Run
From B.M. 5-37
To B.M. 8-57

Total Backsights = + 1119.219
Total Foresights = − 980.311
Diff. Elev. = + 138.908

Backsight stadia = 428
Foresight Stadia = 430
Total Stadia = 858 mc/frs

JOB NO. 0301 02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks DATE 24 June 65

INDEXED DATE

WEATHER overcast INST. NO. 86716

TIME 9:10 - 9:35 ROD NO. 9-19

NOTES CHKD. C. J. GALLI DATE 13 '65

F.B. 3744 PG. 147

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM8-57									FROM BM8-57 TO BM5-37
1	180	537	481 5	210 150 60	142 ~~147~~	902 ~~046~~	443 5 ~~448 5~~	171 113 58 182 112	BM8-57 Dominguez St. and Santa Fe Ave S.W. Cor. See F.B. 1209-47
2	130	361	431 5	162 98 64 124	148	110	449 5	180 116 64 122	
3	138	976	439 5	189 87 102 226	153	314	454 5	206 100 106 228	FE Brooks
4	154	838	455 5	187 121 66 292	161	028	462 5	193 129 64 292	Summation of Run From B.M. 8-57 To B.M. 5-37
5	125	538	426 5	162 88 74 366	129 ~~129~~	895 ~~360~~	430 ~~430 5~~	166 161 74 ~~97~~ 366	
6	170	998	471 5	192 148 44 410	122	279	423 5	142 102 40 406	
7	57	450	358 5	67 47 20 430	240	072	541 5	248 231 17 423	Total Backsights = + 958.692 ✓ Total Foresights = − 1097.600 ✓ Diff. Elev. = −138.908 ✓
	958	692			1097	600			Backsight stadia = 430 ✓ Foresight Stadia = 423 ✓ Total Stadia = 853 ✓ meters
BM5-37									BM5-37 (US4097) (OSC&GS R 768) Alameda St. and Dominguez St. 168' S. of Dominguez St. See F.B. 1206-36

F.B. 3744 PG. 148 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES F.E.B. 6 July 65

INDEXED C. J. GALLI DATE

WEATHER overcast INST. NO. 26716

TIME 9:35 - 10:20 ROD NO. 9-19

NOTES CHKD [signature] DATE OCT 13 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-57 TO BM 8-56A
BM 8-57									BM 8-57 Dominguez St. & Santa Fe Ave See F.B. 1209-47
1.	174	938	475 5	203 145 58	165	950	466 5	192 138 54	
2.	164	785	465 5	192 136 56 114	148	008	449 5	176 120 56 110	π Kapp
3.	169	791	470 5	200 138 62 176	141	902	442 5	174 108 66 176	Summation of Run From B.M. 8-57 To B.M. 8-56A
4.	154	160	455 5	184 124 60 236	139	135	440 5	170 108 62 238	
5.	166	061	467 5	205 127 78 314	43	813	344 5	8138x2 43 76 314	Total Backsights = + 1712.638
6.	271	969	572 5	273 269 4 318	33	489	334 5	35 31 4 318	Total Foresights = − 1031.936
7.	290	588	591 5	292 288 4 322	63	458	364 5	65 61 4 322	Diff. Elev. = + 680.702
8.	180	113	481 5	208 152 56 378	155	689	456 5	184 126 58 380	Backsight stadia = 394
9.	140	233	441 5	148 132 16 394	140	492	441 5	147 133 14 394	Foresight Stadia = 394
	1712	638			1031	936			Total Stadia = 788 Meters
BM 8-56A									BM 8-56A Union pacific R.R. at Long Beach Freeway near Dominguez St See FB 1209-272

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

SURVEY BY E. E. Brooks

NOTES BY M. Bustrum DATE 6-24-65

INDEXED DATE

WEATHER overcast INST. NO. 96716

TIME 10:00 - 10:45 ROD NO. 9-19

NOTES CHKD. [illegible] DATE OCT 13 '65

F.B. 3744 PG. 149

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM8-56A									FROM BM8-56A TO BM8-57
1	138	469	439 5	144 131 13	132	791	433 5	139 126 13	BM8-56A Union pacific R.R at Long Beach Freeway near Dominguez St. See FB 1209-272
2	141	057	442 5	155 127 28 41	150	945	451 5	164 136 28 41	
3	50	529	351 5	58 42 16 57	291	044	592 5	298 284 14 55	π FE Brooks
4	13	357	314 5	15 11 4 61	290	713	591 5	293 288 5 60	Summation of Run From B.M. 8-56A To B.M. 8-57
5	69	085	370 5	106 32 74 135	160	557	461 5	199 121 78 138	
6	138	803	439 5	169 107 62 199	150	279	451 5	181 119 62 200	
7	121	178	422 5	153 89 64 261	154	803	455 5	186 122 64 264	Total Backsights = + 986.069 ✓ Total Foresights = − 1666.674 ✓ Diff. Elev. = −680.605 ✓
8	148	934	449 5	176 120 56 317	161	885	462 5	189 133 56 320	
9	164	657	465 5	191 137 54 371	173	657	474 5	201 145 56 376	Backsight stadia = 371 ✓ Foresight Stadia = 376 ✓ Total Stadia = 747 meters
	986	069			1666	674			
BM8-57									BM8-57 Dominguez St & Santa Fe Ave See FB 1209-47

F.B. 3744 PG. 150

JOB NO. 0301.02

C.A. Co. Precise Level Net

SURVEY OF E.E. Brook NOTES FEB 6 July 65

SURVEY BY

INDEXED C. J. CALLI DATE

WEATHER overcast INST. NO. 96716

TIME 8:30 - 9:30 ROD NO. 9-19

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible]ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301 02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY F. E. Brooks WEATHER overcast INST. NO. 86716
NOTES BY F. E. Brooks DATE 24 June 65 TIME 10:45 - 10:50 ROD NO. 2-19
INDEXED DATE NOTES CHKD. C. R. [illegible] DATE OCT 13 '65
F.B. 3744 Pg. 151

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 8-56A TO BM 8-55B
BM. 8-56A							BM 8-56A Union Pacific RR. at Long Beach Frwy. near Dominquez St. See FB. 1209-272
1	127 198	420 5	162 92 70	103 257	404 5	179 107 72	
2	183 840	484 5	216 160 LC 136	108 690	409 5	141 76 LC 138	
→	311 038	✓		211 947	✓		T KM Kapp
BM 8-55B							BM 8-55B U.P.R.R. & L.A. River S. head-wall W end of bridge See F.B. 2826-14

Summation of Run
From B.M. 8-56A
To B.M. 8-55B

Total Backsights = + 311.038 ✓
Total Foresights = − 211.947 ✓
Diff. Elev. = + 99.091 ✓

Backsight stadia = 136 ✓
Foresight Stadia = 138 ✓
Total Stadia = 274 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 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. 3744 PG. 152 | JOB NO. 0301.02 | L.A. Co. Precise Level Net

SURVEY OF F. E. Brooks NOTES N. M. Kapp 7-2-65 WEATHER Clear INST. NO. 26716

SURVEY BY T. Brooks TIME 2:55-3:00 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD. DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BMB-55B TO BMB-56A
BMB-55B							BMB-55B UPRR and L.A River W end 3 headwall See F.B. 2828-114
1	116 745	417 5	148 64 64	193 339	494 5	226 160 66	
2	141 343	442 5	176 106 70	163 605	464 5	198 128 70 ✓	T Brooks
	258 088		134	356 944		136	
BMB-56A							BMB-56A UPRR and Long Beach Freeway near Dominguez St. See FB 1209-272

Summation of Run
From B.M. B-55B
To B.M. B-56A

Total Backsights = + 258.088 ✓
Total Foresights = − 356.944 ✓
Diff. Elev. = −98.856 ✓

Backsight stadia = 134 ✓
Foresight Stadia = 136 ✓
Total Stadia = 270 ✓ Meters

76P526 CE # 308 3-61

PLEASE RETURN TO
L ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY
NOTES BY K. M. KARP DATE 7-2-65 TIME 3:10 - 3:20 WEATHER Hazy INST. NO. 20716
INDEXED ROD NO. 8-12
DATE NOTES CHKD C. J. [illegible] DATE OCT 13 '65

F.B. 3744 Pg. 1524

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 8-56A TO BM 8-55B
BM 8-56A		Re -	Run				BM 8-56A
							U.P.R.R. at Long Beach
1	166 157	467 5	202 130 72	144 640	4455	180 100 80	Fwy. near Dominguez St.
							See F.B. 1209-27 2
2	183 270	4845	217 150 67 139	105 825	4065	137 73 64 144 ✓	T Brooks
	349 427 ✓			250 465			
BM 8-55B							BM 8-55B
							U.P.R.R. & L.A. River, W.
							end of Bridge, S. Headwall
							See F.B. 2828-14
			Total Backsights	349.427 ✓			Backsight stadia = 139 ✓
			" Foresights	250.465 ✓			Foresight " = 144 ✓
			diff elev.	= +98.962 ✓			Total stadia = 283 ✓

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

INST. NO. _____
ROD NO. _____
DATE _____
WEATHER _____
TIME _____
NOTES CHKD _____

F.B. 3744 Pg. 1326
JOB NO. _____
SURVEY OF _____
SURVEY BY _____ NOTES _____
INDEXED C. J. GALLI DATE _____

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

76P526 CE # 308 3-61

PLEASE RETURN TO
L ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY L.E. Brooks WEATHER Overcast INST. NO. 96712
NOTES BY F.E. Brooks DATE 21 June 63 TIME 10:55 ROD NO. 4-A
INDEXED DATE NOTES CHKD DATE OCT 13 '63
F.B. 3744 Pg. 153

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM.8-55B TO BM.8-55A
BM.8-55B							BM.8-55B. U.P.R.R. & L.A. River. So. Headwall, W. End of bridge FB. 2828-14
	163 300	414 5	167 / 159 8	161 831	462 5	165 / 157 8	T K M Kapp
BMB-55A							BMB-55A UPRR & L.A. River W end of bridge N. headwall See FB. 1209-271

Summation of Run
From B.M. 8-55B
To B.M. 8-55A

Total Backsights = +163.300 ✓
Total Foresights = −161.831 ✓
Diff. Elev. = +1.469 ✓

Backsight stadia = 8'
Foresight Stadia = 8'
Total Stadia = 1/16 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-55A TO BM 8-55B
BM 8-55A									BM 8-55A UPRR ~~&~~ L.A. River W. end of bridge N. head wall (see F.B. 1209-271
1	159	326	460 5	163 155 8	160	764	461 5	164 156 8	⊼ Brooks
BM 8-55B									BM 8-55B U.P.R.R. ~~&~~ L.A. River W. end of bridge S. head wall see F.B. ~~1209~~ - 2828-14

Summation of Run
From B.M. 8-55A
To B.M. 8-55B

Total Backsights = + 159.326
Total Foresights = − 160.764
Diff. Elev. = − 1.438

Backsight stadia = 8
Foresight Stadia = 8
Total Stadia = 16 meters

F.B. 3744 PG. 154 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY E. E. Brooks NOTES K.M. Kapp 7-2-65
INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 96718
TIME 2:50 ROD NO. 9-10
NOTES CHKD [illegible] DATE 13 '65

76P526 CE # 308 3-61

PLEASE RETURN TO
L ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY F. E. Brooks WEATHER
NOTES BY F. E. Brooks DATE 24 June 65 TIME 11:00 - INST. NO. 26716
INDEXED C. J. GALLI DATE NOTES CHKD DATE OCT 13 1965 ROD NO. 2-19
F.B. 3744 PG. 135

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM-8-55A TO BM.8-54B
BM.8-55A.		caught on bridge by train					BM.8-55A. U.P.RR. & L.A River. W. End of bridge No. Headwall. See F.B. 1209-27
1	~~140 600~~	~~471 5~~	~~202 138 64~~	~~157 600~~	~~458 5~~	~~189 125 64~~	
1	168 158	469 5	200 131 64	155 292	456 5	187 123 64	T K M Kapp
2	~~155~~ 612	456 5	177 133 44 108	148 610	449 5	171 125 46 110	
3	145 699	446 5	151 139 12 120	162 990	463 5	167 157 10 120	✓
	469 469	✓		466 892	✓		
BM8-54B							BM8-54B U.P.R.R. and L.A. River E end of bridge N. headwall see F.B. 2828-14

Summation of Run
From B.M. 8-55A
To B.M. 8-54B

Total Backsights = + 469.469'✓
Total Foresights = − 466.892'✓
Diff. Elev. = +2.577'✓

Backsight stadia = 120'✓
Foresight Stadia = 120
Total Stadia = 240 stations

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

INST. NO. 26716 ROD NO. 9-16 DATE OCT 13 '65

WEATHER Clear TIME 2:35-2:45 NOTES CHKD [illegible]

F.B. 3744 PG. 152 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES K.M. Keep 7-2-65

INDEXED C. J. GALLI DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 8-54B TO BM 8-55A
BM 8-54B							BM 8-54B UPRR & L.A. River E. end of bridge N. headwall. See F.B. 2826-14
1	161 343	462 5	166 156 10	147 389	448 5	153 142 11	
2	150 382	451 5	174 126 48 58	149 933	450 5	171 127 44 55	T Brooks
3	145 840	446 5	177 115 62 120	162 840	463 5	194 130 64 119	✓
	457 565	✓		460 162	✓		
BM 8-55A							BM 8-55A UPRR & L.A. River W end of bridge N. headwall See F.B. 1209-271 ~~See F.B.~~

Summation of Run
From B.M. 8-54B
To B.M. 8-55A

Total Backsights = + 457.565 ✓
Total Foresights = − 460.162 ✓
Diff. Elev. = − 2.597 ✓

Backsight stadia = 120 ✓
Foresight Stadia = 119 ✓
Total Stadia = 239 ✓ meters

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY E.L. Brooks
NOTES BY FEB DATE 24 June 65
INDEXED C. J. GALLI DATE
WEATHER overcast INST. NO. 96716
TIME 11:25-12:00 ROD NO. 9.19
NOTES CHKD [illegible] DATE OCT 13 '65
F.B. 3744 Pg. 157

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM854B TO BM. 8-53
BM. 8-54B									BM.8-54B. U.P.R.R. & L.A. River E. End. of bridge N. Headwall. See FB. 2828-14
1	120	930	421 5	170 70 100	116	785	417 5	165 67 98	
2	159	880	460 5	206 112 94 194	138	931	439 5	184 92 92 190	⊼ KM Kapp
3	156	928	457 5	210 102 108 302	143	750	444 5	200 86 114 304	
4	187	382	488 5	243 131 112 414	181	202	482 5	239 123 116 420	
5	144	280	445 5	165 123 42 456	241	237	542 5	260 222 38 458	
6	32	780	333 5	35 29 6 462	275	200	576 5	277 273 4 462	
7	16	700	317 5	18 14 4 466	217	997	518 5	219 215 4 466	
8	151	555	452 5	152 149 3 469	58	190	—	59 57 2 468	✓ used steel tape
	970	435 ✓			1373	292 ✓			
BM 8-53									BM 8-53 Long Beach Blvd UPRR and ~~Atlantic Ave~~ See F.B. 1209-44

Summation of Run
From B.M. 8-54B
To B.M. 8-53

Total Backsights = + 970.435 ✓
Total Foresights = − 1373.292 ✓
Diff. Elev. = − 402.857 ✓

Backsight stadia = 469 ✓
Foresight Stadia = 468 ✓
Total Stadia = 937 ✓ meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 8-53			used steel	Tape					BM 8-53 (USC&GS Z 799) U.P.R.R. and Long Beach Blvd see F.B. 1209-44
1	50	188	—	48 52 4	121	861	422 5	123 119 4	
2	212	629	513 5	213 211 2 6	26	592	327 5	28 24 4 8	π Brooks
3	269	665	570 5	271 267 4 10	36	243	337 5	38 34 4 12	Summation of Run. From B.M. 8-53 To B.M. 8-54B
4	294	518	595 5	294 1/2 275 19 38 48	194	859	495 5	215 173 42 54	
5	151	922	452 5	210 93 117 165	203	032	504 5	258 148 110 164	
6	161	915	462 5	207 115 92 257	182	764	483 5	232 132 100 264	Total Backsights = + 1735.303 ✓ Total Foresights = − 1332.868 ✓ Diff. Elev. = + 402.435 ✓
7	163	200	464 5	192 134 58 315	144	332	445 5	170 118 52 316	
8	133	961	434 5	163 103 60 375	141	779	442 5	172 110 62 378	
9	142	452 44	443 5	170 114 56 431	151	204	452 5	180 122 58 436	Backsight stadia = 467 ✓ Foresight Stadia = 468 ✓ Total Stadia = 935 ✓ Meters
10	154	853	455 5	172 136 36 467	130	202	431 5	146 114 32 468 ✓	
	1735	303 ✓			1332	868 ✓			
BM8-54B									BM8-54B UPRR and L.A. River E end of bridge N. headwall SRCFB 2828-14

F.B. 3744 PG. 158

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES K. M. Kapp 7-2-65

INDEXED G. J. GALLI DATE

WEATHER Clear INST. NO. 96716

TIME 1:30 - 2:30 ROD NO. 9.19

NOTES CHKD [signature] DATE OCT 13 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR C LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM8-53 TO BM8-54B
BM8-53			used	steel	tape		Re-	Run	BM8-53 (USC&GS-2779
1	53	447	—	55 51 4	119	599	420 5	121 117 4	UPRR and Long Beach Blvd. See F.B. 1209-44
2	236	262	537 5	238 234 4 8	36	292	337 5	38 34 4 8	T Kapp
3	281	507	582 5	283 279 4 12	28	480	329 5	30 26 4 12	
4	220	625	521 5	239 201 38 50	161	830	462 5	181 141 40 52	Total Backsights + 1486.181 ✓
5	170	782	471 5	228 112 116 166	220	715	521 5	276 164 112 164	" Foresights − 1083.555 ✓
6	188	466	489 5	245 131 114 280	202	739	503 5	264 140 124 288	Diff. Elev. + 402.626 ✓
7	187	941	488 5	228 146 82 362	186	742	487 5	222 150 72 360	Backsight Stadia 470 ✓
8	147	151	448 5	201 93 108 470	127	158	428 5	180 74 106 466	Foresigh " 466 ✓
~~9~~	1486	181 ✓	~~5~~		1083	555 ✓	~~5~~		Total " 936 ✓ Meters
~~10~~			~~5~~				~~5~~		
BM8-54B									BM8-54B. UPRR and L.A. River E end of Bridge N. headwall See F.B. 2828-14

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

SURVEY BY F. E. Brooks

NOTES BY K. M. Kapp DATE 7-8-65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 4676

TIME 8:20 - 9:00 ROD NO. 9-19

NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 3744 PG. 1584

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

WEATHER_____ INST. NO._____

TIME_____ ROD NO._____

NOTES CHKD_____ DATE_____

F.B. 3994 Pg. 1383 JOB NO._____

SURVEY OF_____ NOTES_____

SURVEY BY_____ DATE_____

INDEXED_____

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM_____ TO_____

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM. 8-53 TO BM. 8-52
BM. 8-53			(steel	tape used					BM. 8-53 (US 4562) (USC&GS Z-779
1	50	588		56 44 12	165	951	466 5	172 158 14	Long Beach Blvd. & U.P.R.R. at 48th St. No. W. cor of overpass. see F.B. 1209-44
									π Kapp
BM 8-52									BM 8-52 (clear water A-4) Long Beach Blvd & 48th St. See FB 1209-44

Summation of Run
From B.M. 8-53
To B.M. 8-52

Total Backsights = + 50.588
Total Foresights = − 165.951
Diff. Elev. = − 115.363

Backsight stadia 12
Foresight Stadia 14
Total Stadia = 26 meters

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

SURVEY BY E.E. Brook

NOTES BY M. Bustrum DATE 6-24-65

INDEXED C. J. GALLI DATE

WEATHER Overcast

TIME 1:10

NOTES CHKD [illegible] DATE OCT 13 '65

INST. NO. 96716

ROD NO. 9-19

F.B. 3744 Pg. 159

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-52 TO BM 8-53
BM 8-52									BM 8-52 (Clearwater A-7) Long Beach Blvd. & 48th St, See F.B. 1209-44
					Used Steel			Tape	
1	159	058	460 5	166 152 14	43	629	—	49 37 12	T Brooks
BM 8-53									BM 8-53 (USC&GS Z-779) Long Beach Blvd. & U.P. R.R. at 48th St. N.W. Cor. of Overpass See F.B. 1209-44

Summation of Run
From B.M. 8-52
To B.M. 8-53

Total Backsights = + 159.058
Total Foresights = − 43.629
Diff. Elev. = + 115.429

Backsight stadia = 14
Foresight Stadia = 12
Total Stadia = 26 Meters

F.B. 3744 PG. 160 L.A. Co. Precise Level Net
JOB NO. 0301.02
SURVEY OF
SURVEY BY R. R. Brooks NOTES K. M. Kapp 7-2-65
INDEXED C. J. GALLI DATE
WEATHER Clear
TIME 11:40
NOTES CHKD
INST. NO. 96716
ROD NO. 9-19
DATE OCT 13 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA
BM.8-52.								
1	177	660	478 5	198 156 42	152	408	453 5	174 130 44
2	154	415	455 5	181 127 54 96	167	731	468 5	195 139 56 100
3	187	366	488 5	216 158 58 154	25	540	326 5	53 25 28x2 56 156
4	241	170	542 5	250 232 18 172	54	170	355 5	65 43 22 178
5.	251	448	552 5	262 240 22 194	44	160	345 5	52 36 16 194
6	285	556	586 5	291 279 12 206	37	530	338 5	43 31 12 206
7.	289	731	590 5	296 282 14 220	58	719	359 5	66 50 16 222
8	293	068	594 5	293 277 16x2 32 252	90	709	391 5	106 74 32 254
9	248	145	549 5	275 221 54 306	39	143	340 5	66 12 54 308
10	266	609	567 5	292 240 52 358	50	774	351 5	76 24 52 360
11	143	028	444 5	150 136 14 372	229	281	530 5	236 222 14 374
	~~1511~~ 2538	196			950	165		
BM 8-51								

DESCRIPTION AND REMARKS

FROM BM.8-52 TO BM.8-51

BM.8-52 (Clearwater A-7)
Long Beach Blvd. & 48th. St.
℄ Int.
See. F.B. 1209-44

π K&pp

Summation of Run
From B.M. 8-52
To B.M. 8-51

Total Backsights = + ~~2511~~ 2538.196
Total Foresights = − 950.165
Diff. Elev. = ~~1561~~ +1588.031

Backsight stadia = 372
Foresight Stadia = 374
Total Stadia = 746 meters

BM8-51 (Clearwater B-8)
Long Beach Blvd. 200 FT ±
No. of 44th St
See FB ~~1209-43~~ 3704-233

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

SURVEY BY F. E. Brooks

NOTES BY M Bustrum DATE 6-24-65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 120-2:00 ROD NO. 9-19

NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 3744 PG. 161

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 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. 3744 Pg. 16L JOB NO. 0301-02

SURVEY OF LA Co. Precise Level Net

SURVEY BY R.E. Brooks NOTES K.M. Kepp 7-2-65

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 96716

TIME 10:50-11:40 ROD NO. 4-14

NOTES CHKD [illegible] DATE OCT 13 '65

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM BM 8-51 TO BM 8-52
BM 8-51							BM 8-51 (Clearwater B-8) Long Beach Blvd 200 Ft. ± N. of 44th St. See FB ~~1209-43~~ 3704-233 T Brooks
1	244 849	545 5	252 / 236 16	157 127	458 5	16 / 152 10	
2	54 000	355 5	78 / 30 / ~~36~~ 48 / 64	271 155	572 5	299 / 243 56 / 66	
3	33 666	334 5	60 / 6 54 / 118	244 209	545 5	271 / 216 55 / 121	Summation of Rus From B.M. 8-51 To B.M. 8-52
4	83 615	384 5	100 / 66 34 / 152	284 385	585 5	300 / 268 32 / 153	
5	52 760	353 5	60 / 44 16 / 168	287 406	588 5	295 / 279 16 / 169	
6	58 835	359 5	65 / 51 14 / 182	290 637	591 5	296 / 284 12 / 181	Total Backsights = + 932.039 ✓ Total Foresights = − 2520.286 ✓ Diff. Elev. = −1588.247 ✓
7	17 375	318 5	27 / 7 20 / 20.2	237 228	538 5	247 / 227 20 / 201	
8	57 345	358 5	68 / 46 22 / 224	245 032	546 5	254 / 236 18 / 219	
9	24 692	325 5	52 42 28 / 24 56 / 280	186 371 ~~290~~	487 5	216 / 156 60 / 279	Backsight stadia = 382 ✓ Foresight Stadia = 378 Total Stadia = 760 ✓ Meters
10	153 211	454 5	186 / 126 60 / 340	140 211	441 5	168 / 112 56 / 335	
11	151 691	452 5	172 / 130 42 / 382	176 525	477 5	198 / 155 43 / 378 ✓	
	932 039	✓		2520 286	✓		
BM 8-52							BM 8-52 (Clearwater A-7) Long Beach Blvd. E of 48th St See FB 1209-44

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]ED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-51 TO BM 8-50
BM 8-51									BM 8-51 (Clearwater B-8) Long Beach Blvd. 200 Ft. ± No. of 44th St. See F.B. ~~1209-43~~ 3704-233 π K M Kapp
1	244	091	645 5	269 219 50	147	312	448 5	172 122 50	
2	194	398	495 5	216 172 44 94	127	173	428 5	150 104 46 96	
	438	489	✓		274	485	✓		
BM 8-50									BM 8-50 (US 4563) (USC&GS A-780) Long Beach Blvd W. side 20 mile N. of Carson St. (in front of house # 4307) See F.B. ~~1209-43~~ 3704-231

Summation of Run
From B.M. 8-51
To B.M. 8-50

Total Backsights = + 438.489 ✓
Total Foresights = − 274.485 ✓
Diff. Elev. = +164.004 ✓

Backsight stadia = 94 ✓
Foresight Stadia = 96 ✓
Total Stadia = 190 meters

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

SURVEY BY E. E. Brooks

NOTES BY F. E. Brooks DATE 24 June 1965

INDEXED C. J. GALLI DATE

WEATHER Over cast INST. NO. 96716

TIME 2:10 - 2:15 ROD NO. 9-19

NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 3744 Pg. 163

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 8-50 TO BM 8-51
BM 8-50													BM 8-50 (US 4563) (USC&GS A-780) Long Beach Blvd W. side .20 mile N. of Carson St. (in front of house # 4307) see F.B. ~~1209-43~~ 3704-231
1	120	832	421	5	144 / 96	48	168	830	469	5	190 / 146	44	
2	107	716	408	5	132 / 82	50 / 98	223	775	524	5	249 / 197	52 / 96	
	228	548	✓				392	605					⊼ Brooks
BM 8-51													BM 8-51 (Clearwater B-8) Long Beach Blvd. 200' ft. ± N. of 44th St. See F.B. ~~1209-43~~ 3704-233

Summation of Run
From B.M. 8-50
To B.M. 8-51

Total Backsights = + 228.548 ✓
Total Foresights = − 392.605 ✓
Diff. Elev. = − 164.057 ✓

Backsight stadia = 98 ✓
Foresight Stadia = 96 ✓
Total Stadia = 194 ✓ meters

F.B. 3744 Pg. 164
JOB NO. 0301.02
SURVEY OF E.A. Co. Precise Level Net
SURVEY BY E.E. Brooks NOTES K.M. Kepp 7-2-65
INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 96716
TIME 10:40 - 10:45 ROD NO. 8-19
NOTES CHKD [illegible] DATE OCT 13 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM. 8-50 TO BM. 8-49
BM.8-50									BM.8-50 (US.4563)(USC&GS.A-780) Long Beach Blvd. (w side) .20 mile No. of Carson St. (In front of 4307) See F.B. ~~1209-43~~ 3704-231
1	203	741	504 5	226 / 182 44	119	151	420 5	142 / 96 46	
2	206	849	507 5	234 / 178 56 / 100	143	358	444 5	171 / 115 56 / 102	
	410	590			262	509			
BM8-49									BM 8-49 (Clearwater B-8A) Long Beach Blvd and San Antonio Dr. See F.B. ~~1209-44~~ 3704-229

Summation of Run
From B.M. 8-50
To B.M. 8-49

Total Backsights = + 410.590
Total Foresights = − 262.509
Diff. Elev. = + 148.081

Backsight stadia = 100
Foresight Stadia = 102
Total Stadia = 202 meters

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

SURVEY BY F. E. Brooks DATE 24 June 1965 WEATHER over cast INST. NO. 96716

NOTES BY F. E. Brooks TIME 2:15 - 2:25 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 3744 PG. 165

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM8-49 TO BM8-50
BM8-49									BM8-49 (Clearwater Long Beach Blvd and San Antonio Dr. See F.B. ~~1209-41~~ 3704-229
1	142	278	443 5	170 114 56	206	410	507 5	234 178 56	
2	117	945	418 5	140 94 46 102	201	990	502 5	224 178 46 102	
	260	223			408	400			Brooks
BM8-50									BM8-50 (US 4563) (USC&GS A-780) Long Beach Blvd W. Side .20 mile N. of Carson St. (in front of house # 4307) See F.B. ~~1209-43~~ 3704-231

Summation of Run
From B.M. 8-49
To B.M. 8-50

Total Backsights = + 260.223
Total Foresights = − 408.400
Diff. Elev. = − 148.177

Backsight stadia = 102
Foresight Stadia = 102
Total Stadia = 204 Meters

F.B. 3744 PG. 166 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Nail

SURVEY BY E. E. Brooks NOTES K.M. Kapp 7-2-65

INDEXED C. J. GALLI DATE

WEATHER clear INST. NO. 46716

TIME 10:20-10:35 ROD NO. 9-19

NOTES CHKD. [illegible] DATE OCT 13 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM.8-49 TO BM.8-48
BM.8-49									BM.8-49. (Clearwater B-8A. Long Beach. Blvd. & San Antonio Dr Near ℄ Int.
1	235	871	536 5	262 208 54	130	759	431 5	159 101 58	See FB. ~~1209-41~~ 3704-229
2.	176	429	477 5	204 148 56 110	167	468	468 5	196 138 58 116	⊼ Kapp
3.	143	560	444 5	168 118 50 160	168	195	469 5	191 145 46 162	
4.	149	847	450 5	177 121 56 216	166	700	467 5	195 137 58 220	Summation of Run From B.M. 8-49 To B.M. 8-48
5.	179	489	480 5	207 151 56 272	122	018	423 5	151 93 58 278	
6.	219	539	520 5	249 189 60 332	113	838	414 5	142 84 58 336	Total Backsights = + 1282.174 ✓
7.	177	439	478 5	186 168 18 350	173	135	474 5	181 165 16 352	Total Foresights = − 1042.113 ✓
	1282	174 ✓			1042	113 ✓			Diff. Elev. = + 240.061 ✓
									Backsight stadia = 350 ✓
									Foresight Stadia = 352 ✓
									Total Stadia = 702 meters.
BM 8-48									BM 8-48 (Clearwater B-9) Long Beach Blvd. 216 FT ± So. of So. Cb. of Roosevelt Rd See FB ~~1209-40~~ 3704-227 & 228

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

SURVEY BY L.E. Bro

NOTES BY M Bustrum DATE 6-24-65

INDEXED C. J. GALLI DATE

WEATHER overcast INST. NO 96716

TIME 2:35 - 3:00 ROD NO 9-19

NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 9744 PG. 167

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM8-48									FROM BM 8-48 TO BM 8-49
1	169	844	470 5	178 / 160 18	173	642	474 5	182 / 164 18	BM8-48 (Clearwater B-9) Long Beach Blvd 216 ft. ± S. of S. cb. of Roosevelt Rd.
2	113	086	414 5	142 / 84 58 / 76	219	801	520 5	249 / 190 59 / 77	See F.B. ~~1209-40~~ 3704-227 & 228
3	119	198	420 5	149 / 89 60 / 136	176	258	477 5	203 / 149 54 / 131	⊼ Brooks
4	159	366	460 5	187 / 131 56 / 192	142	100	443 5	171 / 113 58 / 189	Summation of Run From B.M. 8-48 To B.M. 8-49
5	166	928	467 5	190 / 142 48 / 240	142	697	443 5	166 / 118 48 / 237	
6	163	739	464 5	191 / 135 56 / 296	174	305	475 5	204 / 144 60 / 297	Total Backsights = + 1016.846 ✓
7	124	685	425 5	152 / 96 56 / 352	228	381	529 5	254 / 202 52 / 349 ✓	Total Foresights = − 1257.184 ✓
	1016	846 ✓			1257	184 ✓			Diff. Elev. = −240.338 ✓
									Backsight stadia = 352 ✓
									Foresight Stadia = 349 ✓
									Total Stadia = 701 ✓ meters
BM8-49									BM8-49 (Clearwater B-8A) Long Beach Blvd and San Antonio Dr. near k. inter. See F.B. ~~1209-41~~ 3704-229

F.B. 3744 PG. 168

SURVEY OF E. E. Brooks

SURVEY BY NOTES K. M. Kapp 7-2-65

INDEXED G. J. GALLI DATE

JOB NO. 0301.02

E.A. Co. Precise Level Net

WEATHER Clear INST. NO. 96716

TIME 9:40 - 10:20 ROD NO. 8-19

NOTES CHKD [illegible] DATE OCT 13 '65

76P526 CE # 308 3-61

PLEASE RETURN TO
L ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM. 8-48									FROM BM. 8-48 TO BM. 8-47
1	164	960	465 5	194 / 134 60	199	928	500 5	230 / 168 62	BM. 8-48 (Clearwater B-9) Long Beach Blvd. 216 ft. So. of So. Curb of Roosevelt Rd. on ℄. See F.B. ~~1209-40~~ 3704-227 & 228
2	123	270	424 5	157 / 89 68 / 128	242	784	543 5	274 / 210 64 / 126	⊼. Kapp
3	64	551	365 5	94 / 34 60 / 188	271	170	572 5	302 / 240 62 / 188	
4.	68	302	369 5	92 / 44 48 / 236	216	050	517 5	240 / 192 48 / 236	Summation of Run From B.M. 8-48 To B.M. 8-47
5.	82	655	383 5	106 / 58 48 / 284	229	643	530 5	253 / 205 48 / 284	
6	115	271	416 5	140 / 90 50 / 334	202	965	503 5	202 / 178 24×2 48 / 332	Total Backsights = + 1089.415 ✓ Total Foresights = − 1771.634 ✓ Diff. Elev. = − 684.219 ✓
7	142	136	443 5	172 / 112 60 / 394	126	348	427 5	156 / 96 60 / 392	Backsight stadia = 526 ✓
8.	167	900	468 5	199 / 135 64 / 458	138	240	439 5	174 / 102 72 / 464	Foresight Stadia = 524 ✓ Total Stadia = 1050 ✓ meters
9.	158	370	459 5	192 / 124 68 / 526	144	506	445 5	174 / 114 60 / 524	
	1089	415 ✓			1771	634 ✓			
BM 8-47									BM 8-47 (Clearwater B-10) Long Beach Blvd and Wardlow Rd. near ℄ inter. See F.B. ~~1209-39~~ 3704-225

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY L. E. Brooks
NOTES BY M Bustrum DATE 6-24-65
INDEXED C. J. GALLI DATE
WEATHER overcast INST. NO. 96716
TIME 3:00-3:35 ROD NO. 9-19
NOTES CHKD. [illegible] DATE OCT 13 '65
F.B. 3744 Pg. 169

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 8-47 TO BM 8-48
BM 8-47									BM 8-47 (Clearwater B-10) Long Beach Blvd. & Wardlow Rd., near ℄ Ints. See F.B. ~~1209-39~~ 3704-225
1	165	142	466 5	196 134 62	157	424	458 5	190 124 66	
2	110	582	411 5	110½ 74 36 72 134	164	918	465 5	196 133 63 129	π Brooks
3	143	024	444 5	172 114 58 192	154	218	455 5	185 123 62 191	
4	195	472	496 5	195½ 159 36 72 264	39 ~~66~~	623 ~~221~~	340 5 ~~367 5~~	76 ~~[illegible]~~ ~~40~~ 72 263	Summation of Run From B.M. 8-47 To B.M. 8-48
5	230	845	531 5	253 207 46 310	81	845	382 5	105 57 48 311	Total Backsights = + 1686.169 ✓
6	226	918	527 5	253 199 54 364	38 ~~37~~	028	3 ~~4~~39 5	66 10 56 367	Total Foresights = − 1002.119 ✓
7	245	792	546 5	275 215 60 424	69	261	370 5	99 39 60 427	Diff. Elev. = + 684.050 ✓
8	195	333	496 5	230 160 70 494	117	659	418 5	148 86 62 489	Backsight stadia = 522 ✓
9	173	061	474 5	187 159 28 522	179	143	480 5	196 162 34 523 ✓	Foresight Stadia = 523 ✓
	~~1002~~ 1686	~~119~~ 169	✓		1002	119 ✓			Total Stadia = 1045 ✓ Meters
BM 8-48									BM 8-48 (Clearwater B-9) Long Beach Blvd., 216' S. of S. curb of Roosevelt Rd. on ℄. See F.B. ~~1209-40~~ 3704-227 & 228

F.B. 3744 Pg. 170

JOB NO. ~~[illegible]~~ 0301.02 L.A. Co. Precise Level Net

SURVEY OF ~~E. L.~~ Brooks

SURVEY BY K. M. Kapp 7-2-65

INDEXED C. J. GALLI DATE

WEATHER overcast INST. NO. 96716

TIME 8:40 - 9:35 ROD NO. 9-19

NOTES CHKD [illegible] DATE Oct 13 '65

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible]ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY E. E. Brooks WEATHER overcast INST. NO. 26716

NOTES BY F.E.B. TIME 8:46 - 9:15 ROD NO. 9-19

INDEXED G. J. GALLI DATE NOTES CHKD DATE OCT 13 '65

F.B. 3744 PG. 17

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							From BM.8-47 To BM8-46
BM.8-47							BM.8-47 (Clearwater B-10) Long Beach Blvd. & Wardlow Rd. near ℄ Int. See F.B. ~~1209-39~~ 3704-225 T V.F. Lieber
1	166 343	467 5	184 144 43	195 183	436 5	157 113 44	
2	193 442	494 5	223 163 60 103	113 924	414 5	143 83 60 104	
3	126 685	427 5	151 100 51 154	160 099	461 5	185 136 49 153	
4	135 965	436 5	160 110 50 204	240 039	541 6	265 216 49 202	✓
	622 435	✓		649 850	✓		
BM8-46							BM8-46 Wardlow Rd. and Atlantic Ave. See F.B. 1209-38

Summation of Run
From B.M. 8-47
To B.M. 8-46

Total Backsights = + 622.435 ✓
Total Foresights = − 649.850 ✓
Diff. Elev. = − 27.415 ✓

Backsight stadia = 204 ✓
Foresight Stadia = 202 ✓
Total Stadia = 406 meters

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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. 7744 PG. 172 JOB NO. 0301.02 L.A. Co. Precise Level Net
SURVEY OF L. E. Brooks NOTES K.M. Kapp 7-2-65
SURVEY BY C. J. GALLI DATE
INDEXED DATE
WEATHER overcast INST. NO. 96716
TIME 8:20 - 8:35 ROD NO. 9-19
NOTES CHKD Dixon DATE OCT 13 '65

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BMB-46 TO BMB-47
BMB-46							BMB-46 Wardlow Rd and Atlantic Ave. See F.B. 1209-38 T Brooks
1	234 009	5355	259 / 209 — 50	135 618	4365	160 / 110 — 50	
2	164 827	4655	188 / 140 — 48; 98	124 878	4255	150 / 98 — 52; 102	
3	108 661	4095	138 / 78 — 60; 158	189 663	4905	218 / 160 — 56; 160	
4	134 877	4355	156 / 112 — 44; 202	164 900	4655	186 / 142 — 44; 204	✓
	642 374	✓		615 059	✓		
BMB-47							BMB-47 (Clearwater B-10) Long Beach Blvd and Wardlow Rd. near Clinton See F.B. ~~Mag-39~~ 3704-225

Summation of Run
From B.M. 8-46
To B.M. 8-47

Total Backsights = + 642.374 ✓
Total Foresights = − 615.059 ✓
Diff. Elev. = + 27.315 ✓

Backsight stadia = 202 ✓
Foresight Stadia = 204 ✓
Total Stadia = 406 ✓ Meters

76P526 CE # 308 3-61

PLEASE RETURN TO
L ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY E E Brooks
NOTES BY K. M. Kepp DATE 6-25-65 TIME 9:05-2:50 WEATHER Overcast INST. NO 96716
INDEXED L. J. Galli DATE ROD NO 8-19
NOTES CHKD DATE OCT 13 '65
F.B. 3744 Pg. 173

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA
BM 8-46								
1	194	473	495 5	213 / 175 38	155	711	456 5	174 / 136 38
2	128	360	429 5	157 / 100 57 / 95	173	090	474 5	201 / 145 56 / 94
3	115	419	416 5	197 / 81 58 / 153	208	450	509 5	236 / 180 56 / 150
4	116	162	417 5	199 / 89 55 / 208	226	249	527 5	256 / 197 59 / 209
5	87	362	388 5	116 / 58 58 / 266	202	280	503 5	232 / 172 60 / 269
6	109	839	410 5	190 / 78 62 / 328	204	828	505 5	234 / 174 60 / 329
7	150	915	451 5	185 1/2 / 150 35 70 / 398	237	948	538 5	272 / 202 70 / 399
8	157	401	458 5	168 / 146 22 / 420	186	634	487 5	198 / 174 24 / 423
	1059	931 ✓			1595	190 ✓		

BM. 8-46
Atlantic Ave & Wardlow Rd.
S¼ Mont. at ℄ Int.
See F. B. 1209-38.

T Lieber

Summation of Run
From B.M. 8-46
To B.M. 8-45 A

Total Backsights = + 1059.931 ✓
Total Foresights = − 1595.190 ✓
Diff. Elev. = − 535.259 ✓

backsight stadia = 420 ✓
Foresight Stadia = 423 ✓
Total Stadia = 843 ✓ Meters

BM 8-45A

BM 8-45A (87 C.L.B.)
Wardlow Rd. & Orange Ave
N.E. Cor.
See F.B. ~~1209-37~~ 3704-22 & 222

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-45A TO BM 8-46
BM 8-45A									BM 8-45 A (87 C.L.B.) Wardlow Rd. & Orange Ave., N.E. Cor. See F.B. ~~1209-37~~ 3704-221 & 222
1	185	440	486 5	197 173 24	155	243	456 5	166 144 22	
2	224	880	525 5	189 224 35x2 70 94	131	930	432 5	166 96 70 92	π K M Kapp
3	200	312	501 5	230 170 60 154	111	591	412 5	142 80 62 154	
4	200	210	501 5	230 170 60 214	85	893	386 5	114 66 58 212	Summation of Run From B.M. 8-45A To B.M. 8-46
5	226	790	527 5	255 197 58 272	110	223	411 5	139 81 58 270	
6	205	155	506 5	232 178 54 326	119	241	420 5	148 90 58 328	Total Backsights = + 1574.931 ✓
7	176	802	477 5	204 148 56 382	126	940	427 5	154 98 56 384	Total Foresights = − 1039.812 ✓ Diff. Elev. = + 535.119 ✓
8	155	342	456 5	174 136 38 420	198	751	499 5	216 180 36 420	Backsight stadia = 420 ✓ Foresight Stadia = 420 ✓
	1574	931 ✓			1039	812 ✓			Total Stadia = 840 ✓ meters
BM 8-46									BM 8-46 Atlantic Ave. & Wardlow Rd., S'ly. Mon. at ℄ Ints. See F.B. 1209-38

F.B. 3744 PG. 174

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY R. E. Brooks NOTES FEB 1 July 65

INDEXED C. J. GALLI DATE

WEATHER clear INST. NO. 96716

TIME 8:05 - 3:30 ROD NO. 9-19

NOTES CHKD. [illegible] DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-45A TO BM. 8-45
BM.8-45A									BM.8-45A (87 CLB.) Wardlow Rd & Orange Ave N.E. Cor. See F.B. ~~1209-37~~ 3704-221 & 222
1	192	302	493 5	201 183 18	208	883	509 5	217 199 18	⊼ Lieber
BM 8-45									BM 8-45 Wardlow Rd. & Orange Ave., E Ints. See F.B. ~~1209-37~~ 3704-221

Summation of Run
From B.M. 8-45A
To B.M. 8-45

Total Backsights = + 192.302
Total Foresights = − 208.883
Diff. Elev. = −16.581

Backsight stadia = 18
Foresight Stadia = 18
Total Stadia = 36 meters

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

SURVEY BY L.A. Co. Rocks

NOTES BY K. M. Kapp DATE 6-25-65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO 96716

TIME 9:55 ROD NO. 9-19

NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 3744 PG. 175

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-45 TO BM 8-45A
BM 8-45									BM 8-45 Wardlow Rd. & Orange Ave., ℄ Ints. See F.B. ~~1209-37~~ 3704-221 π K M Kapp
1	206	148	507 5	215 197 18	189	556	490 5	198 180 18	
BM 8-45A									BM 8-45A (87 C.L.B) Wardlow Rd. & Orange Ave., N.E. Cor. See F.B. ~~1209-37~~ 3704-221 & 222 Summation of Run From B.M. 8-45 To B.M. 8-45A Total Backsights = + 206.148 Total Foresights = − 189.556 Diff. Elev. = + 16.592 Backsight stadia = 18 Foresight Stadia = 18 Total Stadia = 36 meters

F.B. 3744 PG. 176

JOB NO. 0301.02

SURVEY OF E.A. Co. Precise Level Net

SURVEY BY E.E. Brook NOTES FEB. July 65

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 96716

TIME 3:00 ROD NO. 8.19

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible]ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. E. Brooks
NOTES BY FEB DATE 25 June 65 TIME 10:00 - 10:30 WEATHER Overcast INST. NO. 26716
INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE OCT 13 '65 ROD NO. 4.14
F.B. 3744 Pg. 177

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									From BM 8-45 To BM 8-44
BM 8-45									BM 8-45 Wardlow Rd. & Orange Ave. ℄ Int. See F.B. ~~1209-3C~~ 3704-221 ⊼ VF Licker.
1	200	873	601	5	185	111	486	5	218 181 37 / 207 169 38
2	109	713	410	5	191	075	492	5	139 79 60 97 / 221 161 60 96
3	119	908	420	5	179	829	480	5	158 79 79 176 / 179 179 80 176
4	146	395	447	5	254	649	585	5	181 111 70 241 / 290 219 71 247
5	122	249	423	5	203	713	504	5	154 90 64 310 / 235 171 64 311
6	113	988	414	5	204	089	605	5	139 87 52 312 / 230 178 52 313
7	165	319	466	5	191	820			172 158 14 326 / 96 85 11 374 used steel tape
	978	445	✓		1310	186	✓		
BM 8-44									BM 8-44 (USC&GS H-98) Wardlow Rd S. side 19 ft W. of Cherry Ave. See F.B. 1209-3C

Summation of Run
From B.M. 8-45
To B.M. 8-44

Total Backsight = + 978.445 ✓
Total Foresight = − 1310.186 ✓
Diff. Elev. = − 331.741 ✓

Backsight stadia = 376 ✓
Foresight Stadia = 374 ✓
Total Stadia = 750 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM BM8-44 TO BM8-45
BM8-44				used steel tape					BM8-44 (USC&GS H-98) Wardlow Rd. S. side 219 ft. W. of Cherry Ave. See F.B. 1209-36
1	86	415	—	90 / 82 / 8	170	792	471 5	175 / 165 / 10	
2	205	777	506 5	236 / 174 / 62 / 70	104	372	405 5	135 / 73 / 62 / 72	K.M. Kapp
3	209	315	510 5	241 / 177 / 64 / 134	109	573	410 5	140 / 78 / 62 / 134	
4	235	710	536 5	270 / 200 / 70 / 204	146	342	447 5	181 / 111 / 70 / 204	
5	179	250	480 5	219 / 139 / 80 / 284	119	780	420 5	158 / 80 / 78 / 282	
6	185	205	486 5	215 / 155 / 60 / 344	107	050	404 5	137 / 73 / 60 / 342	
7	185	230	486 5	203 / 167 / 36 / 380	201	337	502 5	220 / 182 / 38 / 380	
	1,286.902				955.206				
BM8-45									BM8-45 Wardlow Rd and Cherry Ave ~~[illegible]~~ & inter. See F.B. ~~1209-36~~ 3704-22

Total Backsights = + 1286902
Total Foresights = − 955.206
Diff. Elev. = + 331 696

Summation of Run
From B.M. 8-44
To B.M. 8-45

Total Backsights = + ~~380~~
Total Foresights = − ~~380~~
Diff. Elev. = ~~[illegible]~~

Backsight stadia = 380
Foresight Stadia = 380
Total Stadia = 760 meters

F.B. 3744 Pg. 178 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brook NOTES F.E.B. July 1965
INDEXED DATE

WEATHER clear INST. NO. 96716
TIME 2:35 - 3:00 ROD NO. 9.19
NOTES CHKD [illegible] DATE [illegible] '65

76P526 CE # 308 3-61

PLEASE RETURN TO

[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM.8-44 TO BM.8-43
BM.8-44			Fused	steel tape					BM.8-44 (USC&GS H-98) Wardlow Rd. So. side 219 Ft. W. of Cherry Ave. See F.B. 1209-36
1	82	440 ~~444~~	—	86 78 8	175	058	476 5	180 170 10	
2	131	688	432 5	142 120 22 30	183	309	484 5	195 171 24 34	π Lieber
	214	128			358	367			
BM8-43									BM 8-43 (US3954) (93-CLB) Wardlow Rd and Cherry Ave N.W. Cor. See F.B. 1209-36

Summation of Run
From B.M. 8-44
To B.M. 8-43

Total Backsights = + 214.128
Total Foresights = − 358.367
Diff. Elev. = − 144.239

Backsight stadia = 30
Foresight Stadia = 34
Total Stadia = 64

Meters

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

SURVEY BY L. E. Brooks

NOTES BY FEB DATE 25 June 65

INDEXED C. J. GALLI DATE

WEATHER Overcast

TIME 10:50 – 10:55

NOTES CHKD [illegible] DATE OCT 3 '65

INST. NO. 96716

ROD NO. 9-19

F.B. 3744 Pg. 179

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

INST. NO. 86716 ROD NO. 9-19 DATE OCT 12 '65

WEATHER Clear - Windy TIME 2:25 - 2:30 NOTES CHKD. [illegible]

F.B. 3744 PG. 180 JOB NO. 0301.02

SURVEY OF LA Co. Precise Level Net

SURVEY BY FE Brook NOTES F.B. 1209-3C DATE 15 July 65

INDEXED G. J. GALLI DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 8-43 TO BM 8-44
BM 8-43							BM 8-43 (US3954) (93-CLB) Wardlow Rd. and Cherry Ave N. W. Cor See F.B. 1209-3C K. M. Kapp used steel Tape
1	186 888	487 5	198 24 174	153 491	434 5	144 22 122	
2	176 919	477 5	180 8 172 32	86 077	—5	90 8 82 30	
	363 807			219 568			
BM 8-44							BM 8-44 (USC&GS H-98) Wardlow Rd. S. side 219 ft W. of Cherry Ave. See F.B. 1209-3C

Summation of Rise
From B.M. 8-43
To B.M. 8-44

Total Backsights	=	363.807	Backsight stadia = 32
Total Foresights	=	219.568	Foresight Stadia = 30
Diff. Elev.	= +	144.239	Total Stadia = 62 meters

76P526 CE # 308 3-61

PLEASE RETURN TO
L ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.E. Brooks
NOTES BY K. M. Karp DATE 6-25-65 WEATHER Overcast INST. NO. 16716
INDEXED C. J. GALLI DATE TIME 11:00-12:00 ROD NO. 2-10
NOTES CHKD DATE
F.B. 3746 Pg. 181

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 8-43 TO BM 8-41B
BM. 8-43							BM 8-43 (US 3959) (93-CLB) Wardlow Rd. & Cherry Ave. N. W. Cor. See F.B. 1209-36
1	183 539 ~~579~~	484 5	203 163 40	143 685	444 5	164 122 42	
2	169 209	470 5	198 140 58 98	109 958 ~~109 850~~	410 5	137 81 56 98	T Lieber
3	183 577	484 5	213 153 60 158	147 319	448 5	178 116 62 160	
4	124 579	425 5	179 100 47 207	204 765	505 5	228 180 48 208	Summation of Run From B.M. 8-43 To B.M. 8-41B
5	118 9 075	414 20 5	151 87 64 271	65 831	366 5	96 33 63 271	Total Backsights = + 1541.184 ✓ Total Foresights = − 820.360 ✓ Diff. Elev. = +720.824 ✓
6	262 870	563 5	295 229 66 337	44 355	345 5	77 12 65 336	
7	291 100	592 5	291 1/2 26 265 52 389	15 412	316 5	37 1/2 22 15 44 380	
8	207 235	508 5	213 ~~200~~ 13 402	189 035	390 5	100 78 22 402	Backsight stadia = 402 ✓ Foresight Stadia = 402 Total Stadia = 804 ✓ meters
	1541 184 ✓			820 360 ✓			
BM 8-41B							BM 8-41B Spring St. & Cherry Ave., N. W. Cor. See F.B. 3704-215

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA
BM 8-41B								
1	109	632	410 5	118 100 18	227	749	528 5	235 219 16
2	41	067	342 5	62 20 42 60	288	521	589 5	288 270 18x2 36 52
3	25	913	326 5	61 25 36x2 72 132	275	668	576 5	275 240 35x2 70 122
4	77	836	378 5	106 48 58 190	130	620	431 5	164 96 68 190
5	206	452	507 5	229 183 46 236	125	345	426 5	150 100 50 240
6	153	859	454 5	184 122 62 298	186	819	487 5	216 156 60 300
7	99	691	400 5	127 71 56 354	162	190	463 5	191 133 58 358
8	155	~~693~~ 593	456 5	176 134 42 396	193	848	494 5	213 173 40 398
	870.043				1590.760			
BM 8-43								

DESCRIPTION AND REMARKS

FROM BM 8-41B TO BM 8-43

BM 8-41B
Spring & Cherry Ave.,
N. W. Cor.
See F.B. 3704-215

π K.M. Kapp

Summation of Run
From B.M. 8-41B
To B.M. 8-43

Total Backsights = + 870.043
Total Foresights = -1590.760
Diff. Elev. = -720.717

Backsight stadia = 396
Foresight Stadia = 398
Total Stadia = 794 meters

BM 8-43 (U.S. 3954) (93 C.L.B.)
Wardlow Rd. & Cherry Ave.,
N.W. Cor.
See F.B. 1209-36

F.B. 3744 PG. 182

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level No.

SURVEY BY L.E. Brown NOTES FEB 1 July 65

INDEXED G. J. GALLE DATE

WEATHER clear INST. NO. 96716

TIME 1:55 - 2:25 ROD NO. 9.19

NOTES CHKD [illegible] DATE OCT 13 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM.8-41B. TO BM.8-40C
BM.8-41B									BM. 8-41B Cherry Ave. & Spring St. N.W. Cor. See FB. 3704-215
1	121	430	422 5	140 102 38	260	879	561 5	280 240 40	
2	89	625	390 5	110 68 42 80	207	918	508 5	228 186 42 82	π V.F. Lieber
3	65	399	366 5	94 36 58 138	241	529	542 5	271 211 60 142	
4	93	672	394 5	122 64 58 196	207	859	508 5	238 176 62 204	Summation of Run From B.M. 8-41B To B.M. 8-40C
5	126	277	427 5	153 99 54 250	175	925	476 5	200 150 50 254	
6	111	639	412 5	142 80 62 312	251	549	552 5	284 218 66 320	Total Backsights = + 823.602 Total Foresights = − 1745.032 Diff. Elev. = −921.430
7	94	625	395 5	122 66 56 368	196	390	497 5	221 171 50 370	
8	120	935	421 5	143 98 45 413	203	583	504 5	228 178 50 420	Backsight stadia = 413 Foresight Stadia = 420 Total Stadia = 833 meters
	823	602			1745	032			
BM 8-40C									BM 8-40C Spring St. and Temple Ave N.E. Cor. See F.B. 3704-213

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

SURVEY BY P. E. Proctor WEATHER overcast INST. NO. 96716

NOTES BY F.E.B. DATE 25 June 65 TIME 1:15-1:55 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE OCT 13 '65

F.B. 3744 Pg. 183

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM8-40C TO BM8-41B
BM8-40C									BM8-40C Spring St. and Temple Ave N.E. Cor. See F.B. 3704 - 213
1	190	502	491 5	214 / 166 48	122	420	423 5	145 / 99 46	
2	217	139	518 5	244 / 190 54	100	031	401 5	126 / 74 52	
3	253	832	554 5	286 / 220 66	114	542	415 5	146 / 82 64	π Kopp.
4	181	878	482 5	208 / 154 54	136	248	437 5	163 / 109 54	Summation of Run From B.M. 8-40C To B.M. 8-41B
5	213	578	514 5	242 / 184 58	80	113	381 5	109 / 51 58	
6	230	730	531 5	260 / 200 60	72	162	373 5	101 / 43 58	Total Backsights = + 1,765.978 ✓ Total Foresights = − 844.567 ✓ Diff. Elev. = 921.411 ✓
7	216	522	517 5	237 / 195 42	94	492	395 5	115 / 73 42	
8	261	797	562 5	280 / 242 38	124	559	425 5	144 / 104 40	Backsight stadia = 420 ✓ Foresight Stadia = 414 ✓ Total Stadia = 834 ✓
	1,765.978			420	844,567			414	
BM8-41B									BM8-41B Cherry Ave and Spring St. See F.B. 3704-215

F.B. 3704 PG. 184 JOB NO. 0301.02

SURVEY OF L.E. Co. Precise Level Net

SURVEY BY L.E. Co. NOTES V. Lieber 7-1-65

INDEXED C. J. GALLI DATE

WEATHER Sunny INST. NO. 96716

TIME 1:10 - 1:55 ROD NO. 9-19

NOTES CHKD [illegible] DATE OCT 13 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM.8-40C TO BM.8-40D
BM.8-40C									BM.8-40C (CLB-BM-541) Spring St. & Temple Ave. No. East Cor. See F.B. 3704-213
1	176	539	477 5	196 156 40	163	949	464 5	183 143 40	
2	163	659	464 5	195 132 63 103	193	385	494 5	224 163 61 101	π Lieber
3	118	334	419 5	148 88 60 163	174	011	475 5	202 146 56 157	
4	138	940	~~440~~ 439 5	166 110 56 219	217	081	518 5	249 184 65 222	Summation of Run From B.M. 8-40C To B.M. 8-40D
5	117	995	418 5	145 89 56 275	186	105	487 5	214 158 56 278	
6	120	387	421 5	145 96 49 324	220	628	521 5	244 195 49 327	Total Backsights = + 964.946 ✓
7	129	092	430 5	151 108 43 367	165 ✓	110	466 5	187 143 44 371	Total Foresights = − 1320.269 ✓
	964	946 ✓			1320	269 ✓			Diff. Elev. = − 355.323 ✓
									Backsight stadia = 367 ✓
									Foresight Stadia = 371 ✓
									Total Stadia = 738 ✓ meters
BM 8-40D									BM 8-40D Spring St. & Redondo Ave., N.W. Cor. See F.B. 3704-211

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

SURVEY BY L. E. Brooks

NOTES BY K. M. Kapp DATE 6-25-65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 2:00-2:40 ROD NO. 9-19

NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 3744 Pg. 185

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 8-40D TO BM 8-40C
BM 8-40D									BM 8-40D Spring St. & Redondo Ave., N.W. Cor. See F.B. 3704-211
1	178	760	479 5	200 156 44	142	019	443 5	163 121 42	
2	223	049	524 5	247 199 48 92	123	495	424 5	147 99 48 90	π KM Kapp
3	191	092	492 5	219 163 56 148	123	389	424 5	151 95 56 146	
4	218	175	519 5	249 187 62 210	139	443	440 5	169 109 60 206	Summation of Run From B.M. 8-40D To B.M. 8-40C
5	178	623	479 5	206 150 56 266	122	911	423 5	152 92 60 266	
6	198	632	499 5	128 118 60 326	169	452	470 5	200 138 62 328	Total Backsights = + 1334.401 ✓
7	146	070	447 5	168 124 44 370	157 ~~158~~	970	458 5	179 135 44 372	Total Foresights = − 978.679 ✓
	1334	401 ✓			978	679 ✓			Diff. Elev. = +355.722 ✓
									Backsight stadia = 370 ✓
									Foresight Stadia = 372 ✓
									Total Stadia = 742 ✓ meters
BM 8-40C									BM 8-40C (C.L.B. BM 541) Spring St. & Temple Ave., N.E. Cor. See F.B. 3704-213

F.B. 3704 PG. 186

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES FEB 1 July 1965

INDEXED C. J. GALLI DATE

JOB NO. 0301-02

WEATHER clear INST. NO. 96716

TIME 11:15 - 11:50 ROD NO. 9-19

NOTES CHKD [signature] DATE OCT 13 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR C LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 8-40C									FROM BM 8-40C TO BM 8-40D
									BM 8-40C Spring St. and Temple Ave N. east Cor.
1	159	396	460 5	176 142 34	147	020	448 5	168 126 42	See F.B. 3704-213
2	169	628	470 5	202 136 66 100	183	873	484 5	212 154 58 100	F.E. Brooks
3	91	739	392 5	134 48 86 186	180	938	481 5	220 140 80 180	
4	86	230	387 5	128 44 84 270	189	625	490 5	232 146 86 266	Summation of Run From B.M. 8-40C To B.M. 8-40D
5	54	143	355 5	97 11 86 356	215	745	516 5	257 173 84 350	
6	166	810	467 5	171 161 10 366	166	178	467 5	172 160 12 362	Total Backsights = + 727.946 ✓ Total Foresights = − 1083.379 ✓ Diff. Elev. = −355.433 ✓
~~7~~	727	946 ✓			1083	379 ✓			Backsight stadia = 366 ✓ Foresight Stadia = 362 ✓ Total Stadia = 728 meters
BM 8-40D									BM 8-40D Spring St. and Redondo Ave N.W. Cor. See F.B. 3704-211

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

SURVEY BY F. E. Brooks

NOTES BY F.E.B. DATE 8 July 65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO 96716

TIME 10:20 – 10:55 ROD NO 9-17

NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 3744 Pg. 186A

F.B. 3744 Pg. 106 B JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

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

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM.8-40D									FROM BM.8-40D TO BM 8-39C
1	136	369	437 5	165 / 107 58	186	219	487 5	217 / 155 62	BM.8-40D (CLB-848) Spring St. & Redondo Ave. N. W. Cor. See F.B. 3704-211
2	116	775	417 5	148 / 84 64 / 122	184	692	485 5	216 / 152 64 / 126	
3	176	468	477 5	206 / 146 60 / 182	181	662	482 5	212 / 150 62 / 188	⊼ V.F. Lieber
4	128	360	429 5	144 / 112 32 / 214	265	703	566 5	280 / 250 30 / 218	
5	31	350	332 5	43 / 19 24 / 238	245	761	546 5	257 / 233 24 / 242	
6	6	510	307 5	21 / 6 15x2 30 / 268	227	310	528 5	241 / 213 28 / 270	
7	122	195	423 5	132 / 112 20 / 288	165	485	466 5	175 / 155 20 / 290	
8	151	157	452 5	154 / 148 6 / 294	170	101	—	82 / 67 5 / 295	← used steel tape
	869.184				1526.933				
BM8-39C									BM8-39C Spring St. Underpass W. side and Main runway Long Beach Airport. See F.B. 3704-209 & 210

Summation of Run From B.M. 8-40D To B.M. 8-39C

Total Backsights = + 869.184
Total Foresights = − 1526.933
Diff. Elev. = − 657.749

Backsight stadia = 294
Foresight Stadia = 295
Total Stadia = 589 Meters

JOB NO. 0301 [illegible] SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY [illegible] WEATHER Overcast INST. NO. 96716

NOTES BY F.E.B. DATE 25 June 65 TIME 1:55 – 3:25 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE OCT 13 '65

F.B. 3744 Pg. 107

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA
BM 8-39C								
1	69	326 [redacted]	— 5	66 72 6	165	858	466 5 ~~420 5~~	168 162 6
2	185	508	486 5	195 175 20	122	962	423 5	132 112 20
3	251	630	552 5	266 236 30 26	34	829	335 5	48 20 28 26
4	260	758	561 5	272 248 24 56	46	198	347 5	58 34 24 54
5	277	790	578 5	292 262 30 80	154	487	455 5	169 139 30 78
6	208	993	509 5	239 177 62 110	190	759	491 5	219 161 58 108
7	193	895	494 5	224 162 62 172	119	845	420 5	152 86 66 166
8	185	337	486 5	215 155 60 234	140	790	441 5	170 110 60 232
	1,633.237			294	975,728			292
BM 8-40D								

DESCRIPTION AND REMARKS

FROM BM 8-39C TO BM 8-40D

BM 8-39C
Spring St. underpass and main runway Long Beach Airport.
See F.B. 3704 - 209 & 210

T Kapp.

Summation of Run
From B.M. 8-39C
To B.M. 8-40D

Total Backsights = + 1,633.237
Total Foresights = − ~~975,758~~
Diff. Elev. = 975,728
~~+1357.509~~
+657.509

Backsight stadia = 294
Foresight Stadia = 292
Total Stadia = 586

BM 8-40D. (CLB-848)
Spring St. and Redondo Ave N.W. Cor.
See F.B. 3704 - 211

WEATHER Sunny INST. NO. 96716
TIME 10:50-11:15 ROD NO. 8-19
NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 3744 PG. 188 JOB NO. 030102
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY [illegible] NOTES Lieber 7-1-65
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR C[illegible]ED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM8-39C TO BM8-39B
BM8-39C			used steel tape						BM8-39C Spring St under-crossing @ Main Run way Long Beach Airport. (west end.)
1	68	522	—	71 / 65 6	149	683	450 5	152 / 146 6	
2	148	910	449 5	190 / 106 84 / 90	172	918	473 5	212 / 132 80 / 86	
3	153	988	454 5	194 / 112 82 / 172	167	464	468 5	209 / 125 84 / 170	See FB 3704 - 209 & 210
4	167	469	468 5	172 / 162 10 / 182	77	482	—	82 / 71 11 / 181	K M Kapp used steel tape
	538	889			567	547			
BM8-39B									BM8-39B spring st. under crossing and Main runway Long Beach Airport (East end) SEE F.B. 3704-209

Summation of Run
From B.M. 8-39C
To B.M. 8-39B

Total Backsights = + 538.889
Total Foresights = − 567.547
Diff. Elev. = −28.658

Backsight stadia = 182
Foresight Stadia = 181
Total Stadia = 363 meters

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

SURVEY BY [illegible] WEATHER Tunnel INST. NO. 96716

NOTES BY E.F.B. DATE July 1965 TIME 10:10 - 10:25 ROD NO. 9-19

INDEXED DATE NOTES CHKD [illegible] DATE [illegible]

F.B. 3744 PG. 189

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 8-39 B TO BM 8-39 C
BM 8-39A			used	steel tape					BM 8-39 B
1	95	658	—	80 89 11	165	668	466 5	170 160 10	Spring St under crossing and Main runway Long Beach Airport (East End)
2	167	517	468 5	209 125 84 95	154	167	455 5	195 113 82 92	see F.B. 3704 -
3	172	201	473 5	212 132 80 175	148	292	449 5	190 106 84 176	⊼ KM Kapp
4	151	621	452 5	154 148 6 181	70	289	—	73 67 6 182	used steel tape
	566	997			538	416			
BM 8-39B									BM 8-39 C Spring St. under crossing and Main runway Long Beach Airport (West end) see F.B. 3704 - 209 & 210

Summation of Run
From B.M. 8-39A
To B.M. 8-39B

Total Backsights = + 566,997
Total Foresights = − 538.416
Diff. Elev. = + 28.581

Backsight stadia = 181
Foresight Stadia = 182
Total Stadia = 363 meters

F.B. 3744 Pg. 190
SURVEY OF LA Co. Precise Level Net
SURVEY BY E. E. Brooks NOTES FEB July 1965
INDEXED C. J. GALLI DATE
JOB NO. 0301.02
WEATHER in Tunnel INST. NO. 96716
TIME 10:30 - 10:40 ROD NO. 9-19
NOTES CHKD [illegible] DATE OCT 13 '65

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible]ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E.DREIER WEATHER OVERCAST INST. NO. 26716
NOTES BY G.E.DREIER DATE 7-13-65 TIME 8:30 ROD NO. 2 #13
INDEXED G.J. GALLI DATE NOTES CHKD [illegible] DATE 7-13-65

F.B. 3744 Pg. 191

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M.8-39B TO B.M.8-39A
B.M.8-39B							B.M.8-39B
1 -	71 788	TAPE	76 66 10	149 749	4505	144 134 10	SPRING ST. & UNDERPASS OF AIRPORT RUNWAY
2 +	190 676	491 5	205 175 30 40	68 439	369 5	84 52 32 42	SEE F.B.
3 +	256 206	557 5	270 242 28 68	32 305	333 5	47 17 30 72	
4 +	256 262	557 5	271 241 30 98	85 162	386 5	101 69 32 104	
5 +	174 443	475 5	190 158 32 180	172 917	473 5	188 156 32 136	
6 -	111 878	412 5	126 96 30 160	228 859 137 430	529 5	240 216 24 160 160 320	
B.M.8-39A							B.M. 8-39A
	1061 253	✓		737 431	✓		SPRING ST. & LAKEWOOD BLVD.
							SEE F.B. 2828-13

SUMMATION OF RUN
B.M. 8-39B TO B.M. 8-39A
TOTAL BACKSIGHTS +1061.253 ✓
TOTAL FORESIGHTS - 737.431 ✓
DIFF IN ELEV. + 323.822 ✓

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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. 3744 PG. 192 JOB NO. 030102 SURVEY OF L.A.Co. PRECISE LEVEL NET SURVEY BY DREIER NOTES DREIER INDEXED G. J. GALL DATE

WEATHER OVERCAST INST. NO. 36716 TIME 8:50 TO 9:10 ROD NO. 1093 & 1095 NOTES CHKD DATE 10-13-65

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M.8-39A TO B.M.8-39B
B.M.8-39A							B.M. 8-39A
1	230 816	531 5	242 218 24	113 855	414 5	128 98 30	SPRING ST. & LAKEWOOD BLVD
							SEE F.B 2828-13
2	176 449	477 5	192 160 32 56	177 902	478 5	192 162 30 60	
3	88 481	389 5	104 72 32 88	258 244	559 5	274 243 31 71	⊼ MATHER
4	36 448	337 5	51 21 30 118	261 202	562 5	275 247 28 119	
5	72 268	373 5	88 56 33 151	194 978	495	210 179 31 150	
6	151 958	452 5	156 146 10 161 ✓	74 049	—	79 69 10 160 ✓ 161	
	756 420			108 023 ✓ 756 420 ✓ 323 810 ✓			
B.M.8-39B		✓					B.M. 8-39B
	756 420			1080 230		321 ✓	SPING ST & UNDERPASS
							SEE F.B. 3704-209

SUMMATION OF RUN
B.M. 8-39A TO B.M.8-39B
TOTAL BACKSIGHTS +756.420 ✓
TOTAL FORE " -1080.230 ✓
DIFF IN ELEV. - 323.810 ✓

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible]ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

[illegible]E: ANY ADDITIONS OR CHANGES
[illegible]HIS SHEET MUST BE MADE OR
C[illegible]LED IN RED INK, WITH DATE AND
NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. E. Brooks WEATHER OVERCAST INST. NO. 26716
NOTES BY DREIER DATE 7-13-65 TIME 9:20 TO 2:25 ROD NO. 2-19
INDEXED C. J. GALLI DATE NOTES CHKD DATE OCT 13 '65
F.B. 3704 Pg. 193

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM. 8-39A TO BM. 8-38A
BM. 8-39A							BM. 8-39A.
1	222 313	523 5	236 209 27	191 439	492 5	202 180 22	Lakewood Blvd &
2				+8		27 49	Spring St.
3							See. FB. 2828-13
							↑ MATHER
		RERUN					B.M. 8-39A LAKEWOOD & SPRING ST SEE F.B. 2828-13
B.M. 8-39A							
1	215 166	516 5	227 203 24	184 501	485 5	197 172 25	
B.M. 8-38A						24 49	

Summation of Run
From B.M. 8-39A
To B.M. 8-38A

		RERUN
Total Backsights	= + 222.313	215.166
Total Foresights	= − 191.439	184.501
Diff. Elev.	= + 30.874	30.665

Backsight stadia = 27
Foresight Stadia = 22
Total Stadia = 49

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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. 374 Pg. 194 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY E. E. Brooks NOTES C. J. GALLI DATE
INDEXED

WEATHER BREEZE HAZY SUN INST. NO. 9676
TIME 2:22 ROD NO. 9-19
NOTES CHKD DATE OCT 13 '65

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 8-38A TO B.M. 8-39A
B.M. 8-38A							B.M. 8-38A.
1	189 172	490 5	201 177 24	220 227	521 5	232 208 24	SPRING ST. & LAKEWOOD
B.M. 8-39A						24 48	BLVD.
							SEE F.B. 2828-13
							B.M. 8-39A
							SPRING ST. & LAKEWOOD BLVD.
							SEE F.B. 2828-13
		RERUN					
B.M. 8-38A							
1	188 137	489 5	201 176 25	219 259	520 5	231 207 24	
B.M. 8-39A						25 49	

Summation of Run
From B.M. 8-38A
To B.M. 8-39A

Total Backsights	= + 189.172	188.137
Total Foresights	= − 220.227	219 259
Diff. Elev.	= − 31.055	31.122

Backsight stadia = 24
Foresight Stadia = 24
Total Stadia = 48

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY P. E. Brooks
NOTES BY DREIER DATE 7-13-65 TIME 9:30 TO 2:50 WEATHER OVERCAST INST. NO. 2676 ROD NO. F-19
INDEXED C. J. GALLI DATE NOTES CHKD DATE 10 13 65
F.B. 3704 PG. 175

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 8-38A TO BM 8-37A.
BM 8-38A			242				BM 8-38A.
1	220 002	521 5	198 44	~~676~~ 671	452 5	173 129 44	Spring St. & Lakewood Blvd. See F.B. 2828-13
2	162 779	463 5	190 134 56 100	188 427	489 5	217 157 60 164	T MATHER
3	162 978	463 5	191 133 58 158	168 405	469 5	198 138 60 164	
4	143 111	444 5	173 113 60 218	161 673	462 5	192 131 61 225	
5	140 836	441 5	165 115 50 268	✓ 94 255	395 5	114 75 39 264 ✓ 268 ✓	B.M. 8-37A
B.M. 8-37A							SPRING ST. & CLARK AVE. S.W. Cor.
	829 706 ✓			764 436 ✓		532 ✓	SEE F.B. 3704-203, 204

SUMMATION OF RUN
B.M. 8-38A TO B.M. 8-37A
TOTAL BACKSIGHTS + 829.706 ✓
TOTAL FORESIGHTS - 764.436 ✓
DIFF IN ELEV. + 65.270 ✓

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 8-37A TO B.M. 8-38A
B.M. 8-37A									B.M. 8-37A
1	97	788	398 5	119 75 44	144	515	445 5	167 121 46	SPRING ST & CLARK AVE. S.W. COR
									SEE F.B. 3704-203, 204
2	164	186	465 5	195 134 61 105	145	442	446 5	175 115 60 106	⊼ MATHER
3	168	979	469 5	197 139 58 163	153	800	454 5	183 123 60 166	
4	175	599	476 5	205 146 59 222	158	874	459 5	187 129 58 224	
5	149	613	450 5	171 127 44 266	218	768	519 5	240 196 44 268 266	
B.M. 8-38A	756	165			821	399		534	B.M. 8-38A
									SPRING ST & LAKEWOOD BLVD
									SEE F.B. 2828-13
									SUMMATION OF RUN
									B.M. 8-37A TO B.M. 8-38A
									TOTAL BACKSIGHTS + 756.165
									TOTAL FORESIGHTS − 821.399
									DIFF. IN ELEV. − 65.234

F.B. 3744 PG. 196 JOB NO. 0301.02

SURVEY OF A.A. Co. Precise Level Net

SURVEY BY E. E. Brook NOTES G.E. DREIER

INDEXED C. J. GALE DATE

WEATHER HAZY SUN BREEZE INST. NO. 96716

TIME 2:05 TO 2120 ROD NO. 9-19

NOTES CHKD. [illegible] DATE OCT 13 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-37A TO BM 8-37
BM.8-37A									BM.8-37A (LA.Co.F.C.BM 120-85)
1	167	923	468 5	178 156 22	268	923	569 5	282 254 28 22 50	Spring St. & Clark Ave. SW. Cor.
~~2~~	~~138~~	~~849~~	~~439 5~~	~~165 111 54 76~~					See F.B. 3704-203 & 204
~~3~~									BUSTRUM
									B.M. 8-37
									SPRING ST & CLARK AVE., ℄
									SEE F.B. 3704-203

Summation of Run
From B.M. 8-37A
To B.M. 8-37

Total Backsights = + 167 923
Total Foresights = − 268 923
Diff. Elev. = − 101 000

Backsight stadia = 28
Foresight Stadia = 28
Total Stadia = 50

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

SURVEY BY [illegible] Brooks

NOTES BY C. J. GALLI DATE 7-13-65

INDEXED DATE

WEATHER OVERCAST INST. NO. E6716

TIME 9:55 TO 9:58 ROD NO. 9-19

NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 3744 PG. 197

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-37 TO BM 8-37A
BM 8-37									BM. 8-37
									Spring St & Clark
1	262	118	563	5	273 251	22	161	063	462	171 151	20 22	& Int.
										See FB 3704-203
B.M. 8-37										
									42	B.M. 8-37A SPRING ST & CLARK AVE., ~~& Int.~~ S.W. Cor SEE F.B. 3704-203, 204

Summation of Run
From B.M. 8-37
To B.M. 8-37A

Total Backsights = + 262.118
Total Foresights = − 161 063
Diff. El-v. = + 101.055

Backsight stadia = 22
Foresight Stadia = 20
Total Stadia = 42

F.B. 3744 PG. 198 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brook NOTES G. E. DREIER

INDEXED C. J. GALLI DATE

WEATHER LT. WIND HAZY SUN INST. NO. 96716

TIME 1:50 ROD NO. 9-19

NOTES CHKD [illegible] DATE OCT 13 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM-8-37 TO BM-8-36B
B.M. 8-37									BM-8-37
1	190	829	491 5	217 163 54	157	273	458 5	184 130 54	Spring St. & Clark & Int.
2	138	503	439 5	169 107 62 118	149	521	450 5	179 119 60 114	See F.B. 3704-203
3	138	849	439 5	165 111 54 170	152	652	453 5	179 125 54 168	⊼ BUSTRUM
4	188	301	489	198 177 22 192	104	903	405 5	117 91 26 194 192	B.M. 8-36B (F.C. 120-84)
B.M. 8-36B									SPRING ST. & NEAR RUTGERS AVE.
	656	482			564	349		386	SEE F.B. 3704-201

SUMMATION OF RUN
B.M. 8-37 TO B.M. 8-36B
TOTAL BACKSIGHTS + 656.482
TOTAL FORESIGHTS − 564.349
DIFF IN ELEV. + 92.133

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

SURVEY BY L. E. Brooks WEATHER OVERCAST INST. NO. 96716

NOTES BY DREIER DATE 7-13-65 TIME 10:00 TO 10:15 ROD NO. 8 & 19

INDEXED C. J. CALLI DATE NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 3744 PG. 199

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
408 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. 3744 PG. 200 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brookes NOTES G. E. DREIER DATE
INDEXED C. J. GALLI
WEATHER Hazy Sun INST. NO. 96716
TIME 1:42 To 1:50 ROD NO. 9-14
NOTES CHKD [illegible] DATE OCT 13 '65
BREEZE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 8-36B TO B.M. 8-37
B.M. 8-36B							B.M. 8-36B (F.C. 120-84)
1	105 253	406 5	117 93 24	189 123	490 5	201 176 25	SPRING ST & NEAR RUTGERS ST.
			181			171	SEE F.B. 3704-201
2	154 255	455 5	126 55 79	144 728	445 5	117 54	
			183			166 79	T BUSTRUM
3	153 413	454 5	123 60 139	136 475	437 5	106 60 139	
			180			214	
4	153 127	454 5	126 54 193	187 669	488 5	160 54 193 ✓	
						193 ✓	
B.M. 8-37		✓			✓		B.M. 8-37
	566 048			657 995		386 ✓	SPRING ST & CLARK AVE. ℄ INT.
							SEE F.B. 3704-203

SUMMATION OF RUN
B.M. 8-36B TO B.M. 8-37
TOTAL BACKSIGHTS + 566.048 ✓
TOTAL FORESIGHTS - 657.995 ✓
DIFF. IN ELEV. - 91.947 ✓

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

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

SURVEY BY L.E. Brooks WEATHER OVERCAST INST. NO. 2776

NOTES BY G.E. DREIER DATE 7-13-65 TIME 10:15 TO 11:30 ROD NO. 9-10

INDEXED DATE NOTES CHKD DATE OCT 13 65

F.B. 3744 Pg. 201

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 8-36B TO BM 8-36
BM 8-36B							BM 8-36B (LACoF.C. BM. 120-84)
1	61 825	362 5	94 28 66	145 428	446 5	177 113 64	Spring St. & Flood Control
2	143 807	444 5	177 109 68 134	157 619	458 5	190 124 66 130	Bridge. N. Side near Rutgers St.
3	145 409	446	164 126 38 172	167 723	468 5	186 146 40 170	See F.B. 3704-201
4	154 113	455 5	176 132 44 216	177 153	478 5	198 156 42 212 216	T Bustrum
							B.M. 8-36 & INTER SPRING ST & BELLFLOWER BLVD. SEE F.B. 3704-199
B.M. 8-36	505 154			647 923		428	

SUMMATION OF RUN B.M. 8-36B TO B.M. 8-36

TOTAL BACKSIGHTS	+ 505.154
TOTAL FORESIGHTS	- 647.923
DIFF IN ELEV.	- 142.769

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 8-36 TO B.M. 8-36B
B.M. 8-36									B.M. 8-36 SPRING ST & BELLFLOWER BLVD. ℄ INTER. SEE F.B. 3704-199
1	176	987	477 5	198 154 44	152	507	453 5	173 131 42	
2	169	533	470 5	189 148 41 85	148	529	449 5	167 128 39 81	
3	156	493	457 5	189 123 66 151	153	795	454 5	187 119 68 149	
4	159	863	460 5	191 127 64 215	65	273	366 5	99 31 68 217 215	
B.M. 8-36B	662	876			520	104		432	B.M. 8-36B (F.C. 120-84) SPRING ST NEAR RUTGERS SEE F.B. 3704-201

SUMMATION OF RUN
B.M. 8-36 TO B.M. 8-36B
TOTAL BACKSIGHTS + 662.876
TOTAL FORESIGHTS - 520 104
DIFF IN ELEV. + 142,772

F.B. 3744 PG. 202 JOB NO. 0301.02 L.A. Co. Precise Level No.

SURVEY OF

SURVEY BY E. E. Brook NOTES G. E. DREIER

INDEXED G. J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 1:15 TO ROD NO. 9.19

NOTES CHKD [signature] DATE OCT 13 '63

FORM CE # 805 3-61

PLEASE RETURN TO
L ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY L.E. Brock WEATHER OVERCAST INST. NO. 26716
NOTES BY G.E. DREIER DATE 7-13-65 TIME 10:35 TO 10:37 ROD NO. P.19
INDEXED C. J. GALLI DATE NOTES CHKD. DATE OCT 13 '65

F.B. 3704 Pg. 203

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 8-36 TO BM 8-36A
BM 8-36							BM 8-36 Spring St. & Bellflower Blvd. 2 Int. See F.B. 3704 - 199
1	193 058	494 5	203 183 20	140 079	441 5	153 127 26 20 46	
B.M. 8-36A	+93						B.M. 8-36A (E.C. 120-82) SPRING ST & BELLFLOWER BLVD. S.W. COR. F.C. B.M.S. END BR. SEE F.B. 3704 - 199, 200
	RERUN						
B.M. 8-36						174	
1	215 073	516 5	227 203 24	162 482	463 5	150 24 24 48	
B.M. 8-36A			N.G.				
B.M. 8-36	61		225			172	
1	213 250	514 5	201 24	160 643	461 5	148 24 24 48	
	160 643						
	52 967						

Summation of Run
From B.M.
To B.M.

N.G.
Total Backsights = + 193.058 + 215.073
Total Foresights = − 140.079 − 162.482
Diff. Elev. = + 52.979 − 52.591

Backsight stadia = 20
Foresight Stadia = 26
Total Stadia = 46

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-36A TO BM 8-36
B.M. 8-36A									BM 8-36A (LA Co FC BM 120-82)
1	160	131	461 5	171 149 22	212	981	513 5	224 200 24 22 46	Bellflower Blvd. & Spring St. So. W. Cor. So. end of Bridge. See F.B. 3704-199 & 200
B.M. 8-36									B.M. 8-36 SPRING ST. & BELLFLOWER BLVD ℄ INT. SEE F.B. 3704-199
RERUN									
B.M. 8-36A 1 B.M. 8-36	158	839	459 5	170 146 24	211	772	512 5	223 199 24 24 48	

Summation of Run
From B.M. 8-36A
To B.M 8-36

Total Backsights = + 160.131 + 158.839
Total Foresights = − 212.981 − 211.772
Diff. Elev = − 52.850 − 52.933

Backsight stadia =
Foresight Stadia =
Total Stadia =

F.B. 3744 PG. 204 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net
SURVEY BY E. E. Brooks NOTES G.E. DREIER
INDEXED C. J. GALLI DATE

WEATHER OVERCAST INST. NO. 36
TIME 11:54 ROD NO. 9
NOTES CHKD [signature] DATE OCT 13 '[illegible]

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM8-36A TO BM8-35
BM8-36A									BM8-36A (LA. Co F.CBM 120-82)
1	142	192	443 5	163 121 42	170	913	471 5	189 151 38	Bellflower Blvd & Spring St.
									S. W. Cor So end of bridge
2	164	962	465 5	198 130 68 110	157	900	458 5	128 126 62 100	See FB. 3704 - 199 & 200
3	153	417	454 5	184 122 62 172	163	299	464 5	194 132 62 162	⊼ BUSTRUM
4	149	777	450 5	184 114 70 242	123	441	424 5	159 87 72 234	
5	139	277	440 5	153 125 28 270	197	545	498 5	215 179 36 270 270	✓ ✓
B.M. 8-35									B.M. 8-35
	749	625	✓		813	078	✓	540	SPRING ST & LOMINA AVE.
									SEE F.B. 1209-30

SUMMATION OF RUN
B.M. 8-36A TO B.M. 8-35
TOTAL BACKSIGHTS + 749.625 ✓
TOTAL FORESIGHTS - 813.078 ✓
DIFF IN ELEV. - 63.453

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

SURVEY BY E. E. Brook, E. E. Brook

NOTES BY G. E. DREIER DATE 7-13-65

INDEXED C. J. GALLI DATE

WEATHER OVERCAST INST. NO. 96916

TIME 10:40 TO 11:03 ROD NO. 9-19

NOTES CHKD. [illegible] DATE OCT 13 '65

F.B. 3744 PG. 205

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 8-35 TO B.M. 8-36A
B.M. 8-35									B.M. 8-35
1	198	768	499 5	214 / 182 32	149	231	450 5	166 / 132 34	SPRING ST. & LOMINA ST. SEE F.B. 1209-30
2	132	707	433 5	167 / 97 70 / 102	149	087	450 5	184 / 114 70 / 104	↑ BUSTRUM
3	162	273	463 5	192 / 132 60 / 162	147	168	448 5	178 / 116 62 / 166	
4	149	553	450 5	181 / 117 64 / 226	158	635	459 5	190 / 126 64 / 230	
5	170	783	471 5	190 / 149 41 / 267	146	600	447 5	166 / 126 40 / 270	
B.M 8-36A					~~146~~			267	B.M. 8-36A (F.C. 120-82) S.W. COR BLVD.
	814	084			~~748~~ 50	721		537	SPRING ST. & BELLFLOWER SEE F.B. 3704-199, 200

SUMMATION OF RUN
B.M. 8-35 TO B.M. 8-36A
TOTAL BACKSIGHTS + 814.084
TOTAL FORESIGHTS − ~~748~~ 59.721
DIFF. IN ELEV. + ~~65~~ 63.363

WEATHER OVERCAST INST. NO. 96716
TIME 11:25 ROD NO. 9.19
NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 3744 PG. 206 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY P. E. Brooks NOTES E. DREIER
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM.8-35 TO BM.8-35A
BM.8-35									BM8-35
1	229	943	530 5	263 195 68	147	768	448 5	180 114 66	Spring St & Lomina St. near Int.
2	174	259	475 5	187 161 26 94	123	163	424 5	138 108 30 96 94 190	See FB 1209-30 ↑ BUSTRUM
B.M. 8-35A	404	202			270	931			B.M. 8-35A SPRING ST. & LOS COYOTES DIAG. S.W. COR F.C. B.M. 120-81 SEE F.B. 3704-195

SUMMATION OF RUN
B.M. 8-35 TO B.M. 8-35A
TOTAL BACKSIGHTS + 404.202
TOTAL FORESIGHTS − 270.931
DIFF IN ELEV. 133.271

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

SURVEY BY L.E. Brooks

NOTES BY G.E. DREIER DATE 7-13-65

INDEXED C. J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 11:08 TO 11:18 ROD NO. 8-19

NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 3744 PG. 207

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 8-35A TO B.M. 8-35
B.M. 8-35A				144					B.M. 8-35A (F.C. 120-81)
1	130	313	431 5	116 38	177	401	478 5	195 159 36	SPRING ST. & LOS COYOTES DIAG. SEE F.B. 3704-195
2	145	553	446 5	175 115 60 98	231	799	532 5	265 197 68 104 98	
B.M. 8-35									B.M. 8-35
	275	866			409	200		202	SPRING ST. & LOMINA AVE. SEE F.B. 1209-30

SUMMATION OF RUN
B.M. 8-35A TO B.M. 8-35
TOTAL BACKSIGHTS + 275 866
TOTAL FORESIGHTS - 409 200
DIFF. IN ELEV. - 133 834

F.B. 3704 PG. 208 JOB NO. 0301.02

SURVEY OF [illegible] Precise Level Net

SURVEY BY [illegible] NOTES G.E. DREIER

INDEXED C. J. GALLI DATE

WEATHER OVERCAST INST. NO. 98716

TIME 11:20 TO 11:25 ROD NO. 8-19

NOTES CHKD. [illegible] DATE OCT 13 '65

76P526 CE # 308 3-61

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

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 8-35A TO BM 8-34
BM8-35A	137	524	438 5	159 / 115 44	165	992	466 5	187 / 143 44	BM8-35A (LA Co. FC BM 120-81) Spring St & Los Coyotes Diag. 21.2 So of No. end of bridge So. W. Cor. See F.B. 3704-195
1. 2	138	748	439 5	166 / 110 56 / 100	168	577	469 5	196 / 140 56 / 100	
2. 3	132	722	433 5	151 / 113 38 / 138	152	048	453 5	172 / 132 40 / 140	
3. 4	166	846	467 5	196 / 136 60 / 198	175	100	476 5	205 / 145 60 / 200	↑ BAZEN
4. 5	162	410	463 5	184 / 140 44 / 242	154	305	455 5	174 / 134 40 / 240	
5. 6	161	575	462 5	189 / 133 56 / 298	156	490	457 5	184 / 128 56 / 296	
6. 7	157	162	458 5	184 / 130 54 / 352	171	000	472 5	198 / 143 55 / 351	
7. 8	160	941	461 5	187 / 132 55 / 407	166	166	467 5	194 / 138 56 / 407	
8. 9	152	726	453 5	182 / 122 60 / 467	180	953	481 5	211 / 149 62 / 469 / 467	
B.M. 8-34	1370	654			1490	631		936	BM 8-34 SPRING ST. & PALO VERDE ℄ INT. SEE F.B. 3704-193

SUMMATION OF RUN
B.M. 8-35A TO B.M. 8-34
TOTAL BACKSIGHTS + 1370.654
TOTAL FORESIGHTS − 1490.631
DIFF. IN ELEV. − 119.977

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY P.E. BROOK
NOTES BY MATHER DATE 7-14-65
INDEXED C. J. GALLI DATE
WEATHER HAZY SUN INST. NO. 96716
TIME 8:25 - 9:20 ROD NO. 9.19
NOTES CHKD. [illegible] DATE [illegible]

F.B. 3744 PG. 209

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 8-~~35A~~ 34 TO B.M. 8-~~34~~ 35A
B.M. 8-35A									B.M. 8-~~35A~~ 34 (~~F.C. 120-81~~)
1.	176	300	477 5	145 207 62	148	682	449 5	118 178 60	SPRING ST. & ~~Los Coyotes Diag.~~ SEE F.B.
2.	152	648	453 5	179 124 55 117	146	432	447 5	173 119 54 114	
3.	168	652	469 5	195 141 54 171	153	592	454 5	180 125 55 169	⊼ BAZEN
4.	151	328	452 5	179 123 56 227	163	060	464 5	191 135 56 225	
5.	157	772	458 5	177 137 40 267	162	990	463 5	183 140 43 268	summation of run. B.M. 8-34 TO 8-35A
6.	181	582	482 5	212 150 62 329	187	259	488 5	217 157 60 328	Total Backsights + 1500.003 ✓ Total Foresights − 1379.837 ✓ Dift. in elev. + 120.166 ✓
7.	169	585	470 5	189 149 40 369	134	798	435 5	153 115 38 366	
8.	167	242	468 5	193 141 52 421	141	014	442 5	171 112 59 425	
9.	174	894	475 5	197 151 46 467	142	010	443 5	162 122 40 465 ✓ 467 ✓	
B.M. 8-34	1500	003 ✓			1379	837 ✓		932 ✓	B.M. 8-35A

WEATHER HAZY-WARM INST. NO. 96716

TIME 1:25 – 2:05 ROD NO. 9-19

NOTES CHKD [illegible] DATE OCT 13 '65

JOB NO. 0301.02

E.A. Co. Precise Level No.

SURVEY OF F. E. Brooks NOTES MATHER

SURVEY BY

INDEXED C. J. GALLI DATE

F.B. 3744 Pg. 210

... # 308 3-61

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 8-34 TO BM 8-33
B.M. 8-34									B.M. 8-34
1	186	453	487 5	218 154 64	171	050	472 5	204 138 66	SPRING ST. & PALO VERDE AVE ℄ INT. SEE F.B. 3704-193
2	148	437	449 5	177 119 58 122	166	422	467 5	197 135 62 128	
3	125	035	426 5	157 93 64 186	169	972	470 5	197 141 56 184	⊼ BAZEN
4	160	156	461 5	189 131 58 244	162	235	463 5	191 133 58 242	
5	185	178	486 5	216 153 63 307	163	373	464 5	196 130 66 308	
6	179	535	480 5	209 148 61 368	145	458	446 5	175 114 61 369	
7	151	924	452 5	161 141 20 388	215	548	516 5	225 205 20 389	
B.M. 8-33								388	B.M. 8-33
	1136	718			1194	058		777	SPRING ST & STUDEBAKER RD S.W. COR. SEE F.B. 1209-28

SUMMATION OF RUN
B.M. 8-34 TO B.M. 8-33
TOTAL BACKSIGHTS + 1136.718
TOTAL FORESIGHTS − 1194.058
DIFF. IN ELEV. − 57.340

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY F. E. BROOKS
NOTES BY MATHER DATE 7-14-65
INDEXED C. J. GALLI DATE
WEATHER HAZY SUN INST. NO 96716
TIME 9:40 TO 10:30 ROD NO. 9 & 19
NOTES CHKD [illegible] DATE

F.B. 3744 PG. 211

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 3744 PG. 212 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G. EDKINS NOTES DREIER

INDEXED C. J. GALLI DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 11:30 TO 12:03 ROD NO. 4 & 19

NOTES CHKD. DATE DEC 13 '65

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 8-33 TO B.M. 8-34
B.M. 8-33									B.M. 8-33
1	190	170	491 5	200 180 20	127	892	428 5	137 117 20	SPRING ST. & STUDEBAKER S.W. Cor RD.
									SEE F.B. 1209-28
2	150	124	451 5	180 120 60 80	158	659	459 5	188 128 60 80	A BAZEN
3	117	500	418 5	149 85 64 144	146	936	447 5	179 114 65 145	
4	143	258	444 5	173 114 59 203	163	101	464 5	192 134 58 203	SUMMATION OF RUN B.M. 8-33 TO B.M. 8-34 ✓
5	171	250	472 5	199 143 56 259	142	228	443 5	170 114 56 259	TOTAL BACKSIGHTS + 1123.769 ✓ TOTAL FORESIGHTS - 1066.324 ✓
6	185	066	486 5	219 152 67 326	144	496	445 5	174 114 60 319	DIFF. IN ELEV. + 57.445
7	166	401	467 5	197 135 62 388	183	012	484 5	217 149 68 387 388	166
B.M. 8-34									B.M. 8-34
	1123	769 ✓			1066	324 ✓		775	SPRING ST. & PALO VERDE AVE & INT.
									SEE F.B. 3704-193

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY F.E. BROOKS WEATHER HAZY SUN INST. NO. 96716
NOTES BY MATHER DATE 7-14-65 TIME 10:30 TO 10:35 ROD NO. 9819
INDEXED C. J. GALLI DATE NOTES CHKD DATE 11 13 65

F.B. 3744 Pg 13

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 8-33 TO B.M. 8-32
B.M. 8-33							B.M. 8-33 SPRING ST. & STUDEBAKER RD. S.W. Cor.
1	198 050	499 5	230 64 166	151 027	452 5	183 64 119	SEE F.B. 1209-28
2	190 696	491 5	218 56 162 120	164 494	465 5	192 56 136 120	
						120	
B.M. 8-32							B.M. 8-32 (U.S.C.&G.S. A-779)
	388 746 ✓			315 521 ✓		240	SPRING ST., S. SIDE, EAST OF STUDEBAKER RD., WISE WELL # 1A
							SEE F.B. 3704-189
							SUMMATION OF RUN
							B.M. 8-33 TO B.M. 8-32
							TOTAL BACKSIGHTS + 388,746 ✓
							TOTAL FORESIGHTS - 315.521 ✓
							DIFF. IN ELEV. + 73.225 ✓

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 7819 DATE 10 13 65

WEATHER HAZY SUN TIME 11:18 TO 11:25 NOTES CHKD. M.E.B.

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E.DREIER NOTES G.E. DREIER

INDEXED C. J. GALL DATE

F.B. 3744 PG. 214 JOB NO. 0301.02

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 8-32 TO B.M. 8-33
B.M. 8-32							B.M. 8-32 (U.S.C.&G.S. A-779)
1	163 460	464 5	192 135 57	184 492	485 5	211 54 157 46	SPRING ST, S. SIDE, E. OF STUDEBAKER RD., WISE WELL # 1A
2	158 743	459 5	188 127 61 118	210 944	511 5	243 177 66 120	SEE F.B. 3704-189
B.M. 8-33		✓			✓	118	B.M. 8-33 S.W. COR.
	322 203			395 436		238	SPRING ST. & STUDEBAKER RD.
							SEE F.B. 1209-28

SUMMATION OF RUN

B.M. 8-32 TO B.M. 8-33

TOTAL BACKSIGHTS + 322.203 ✓

TOTAL FORESIGHTS 395 436 ✓

DIFF IN ELEV. 73.233 ✓

76P52[illegible] 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM8-32 TO BM-8-31A
BM8-32,	117	545	418 5	150 84 66	144	731	445 5	176 112 64	BM8-32 (USC&GS BM A-779) Spring St. So. side at Wise Well #1A. See F.B. 3704-189
2	177	458	478 5	206 148 58 124	152	723	453 5	181 123 58 122	
2.3	185	269	486 5	207 163 44 168	112	792	413 5	136 88 48 170	
3.4	233	170	534 5	~~257~~ 209 48 216	29	000	330 5	52 05 47 217	⊼ BAZEN
4.5	114	157	415 5	137 92 45 261	184	240	485 5	207 161 46 263	
B.M 8-31A								261	B
	827599				623486			524	

RESET 1952

BM 8-31A (USC&GS JS1)

SPRING ST. NO. SIDE AT SAN GABRIEL RIVER NO. W. COR.

SEE F.B. 1209-267

SUMMATION OF RUN

BM 8-32 TO BM-8-31A

TOTAL BACK SIGHT + 827,599

TOTAL FORESIGHT − 623,486

DIFF IN ELEV + 204,113

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

SURVEY BY F.E. BROOKS

NOTES BY WATHER DATE 7-14-65

INDEXED C. J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 10:40 - 11:20 ROD NO. 9-19

NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 3744 PG. 215

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 8-31A TO B.M. 8-32
B.M 8-31A									B.M. 8-31A (U.S.C.&G.S. J-51 RESET 1952)
1	185	612	486 5	208 162 46	113	791	414 5	136 90 46	SPRING ST. & SAN GAB. RIVER N.W. COR
									SEE F.B. 3704-189
2	23	175	324 5	½ 47 23 48 94	229	346	530 5	253 205 48 94	
3	111	773	412 5	134 88 46 140	182	419	483 5	205 159 46 140	⊼ BAZEN
4	145	183	446 5	173 117 56 196	165	542	466 5	195 135 60 200	
5	175	741	476 5	207 143 64 260	154	602	455 5	186 122 64 264	
B.M. 8-32								260	B.M. 8-32 (U.S.C.&G.S. A-779)
	641	484	✓		845	700	✓	524	SPRING ST & WISE WELL #1A
									E. OF STUDEBAKER RD
									SEE F.B. 3704-189
									SUMMATION OF RUN
									B.M 8-31A TO B.M. 8-32
									TOTAL BACK SIGHTS + 641.484 ✓
									TOTAL FORESIGHTS − 845.700 ✓
									DIFF. IN ELEV. − 204.216 ✓

WEATHER HAZY SUN INST. NO. 96716
TIME 10:55 TO 11:15 ROD NO. 9-19
NOTES CHKD [signature] DATE OCT 13 '65

JOB NO. 0301.02
P.A. Co. Precise Level Net
NOTES G.E. DREIER
DATE

F.B. 3744 PG. 216
SURVEY OF
SURVEY BY E. E. Brooks
INDEXED C. J. GALLI

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES
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NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

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

SURVEY BY F.E. BROOKS WEATHER HAZY SUN INST. NO 26716

NOTES BY L.J. GALLI DATE 2-14-65 TIME 11:25 TO 11:35 ROD NO 98 15

INDEXED DATE NOTES CHKD DATE DEC 13 '65

F.B. 3744 Pg. 217

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 8-31A TO B.M. 8-30A
B.M. 8-31A							B.M. 8-31A (U.S.C.&G.S. J-81 RESET 1952)
1	241 740	542 5	248 234 14	75 840	376 5	81 69 12	SPRING ST. & SAN GAB. RIVER, N.W.COR
							SEE F.B. 1209-267
2	258 094	559 5	268 248 20 34	157 145	458 5	169 145 24 36	✓
B.M. 8-30A						34	B.M. 8-30A (ARTESIA B-11)
	499 834 ✓			232985 ✓		70	SPRING ST. & SAN GAB. RIVER
							SEE F.B. 1209-267
							AT BAZEN
			SEE PAGE 219 FOR RERUN				
							SUMMATION OF RUN
							B.M. 8-31A TO B.M. 8-30A
							TOTAL BACKSIGHTS + 499.834 ✓
							TOTAL FORESIGHTS - 232.985 ✓
							DIFF IN ELEV. + 266.849 ✓

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

WEATHER Hazy Sun INST. NO. 96716
TIME 10:42 10:54 ROD NO. 9 & 15
NOTES CHKD DATE OCT 13 '65

F.B. 3744 PG. 218 JOB NO. 8301.02
SURVEY OF L.A.Co. PRECISE LEVELS
SURVEY BY NOTES
INDEXED C. J. GALE DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	B.M. FROM 8-30A TO B.M. 8-31A
B.M. 8-30A							B.M. 8-30A (ARTESIA B-11)
1	153 697	454 5	142 164 22	254 674	5555	265 244 21	SPRING ST. & SAN GAB. RIVER S.W. COR.
							SEE F.B. 1209-267
2	112 200	413 5	119 105 14 36	277 284	5785	284 270 14 35 ✓	
B.M. 8-31A						36 ✓	B.M. 8-31A (U.S.C. & G.S. J-51 RESET 1952)
	265 897	✓		531 958	✓	71 ✓	SPRING ST. & SAN GAB. RIVER, N.W. COR.
							SEE F.B. 3704-189

SUMMATION OF RUN
B.M. 8-30A TO B.M. 8-31A
TOTAL BACKSIGHTS + 265.897 ✓
TOTAL FORESIGHTS - 531 958 ✓
DIFF. IN ELEV. - 266.061 ✓

76P526 CE # 308 3-61

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NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO 86716
NOTES BY G.E. DREIER DATE 7-28-65 TIME 3:05 TO 3:12 ROD NO 7819
INDEXED L.J. GALL DATE NOTES CHKD DATE OCT 13 '65
F.B. 37444 Pg 219

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 8-31A TO B.M. 8-30A
B.M. 8-31A				254				73	B.M. 8-31A (U.S.C.&G.S. J-31 REST
1	247	183	548	5 240 14	66	211	367	5 59 14	SPRING ST. & SAN GAB. RIVER
2	246	290	547	257 235 22 36	161	247	462	5 173 150 23 37	
B.M. 8-30A								36	B.M. 8-30A (ARTESIA B-11)
	493	473			227	458		73	SPRING ST. &

SUMMATION OF RUN
B.M. 8-31A TO B.M. 8-30A
TOTAL BACKSIGHTS + 493.473
TOTAL FORESIGHTS - 227.458
DIFF. IN ELEV. +266.015

F.B. 3744 Pg. 220

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD. DATE

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

Do not extend notes this side of this line.

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

76P526 CE # 308 3-61

301

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 8-30A TO B.M. 8-30C
B.M. 8-30A									B.M. 8-30A (ARTESIA B-11)
1.	106	221	407 5	118 94 24	27~~6~~7	988	578 5	289 265 24	SPRING ST. & SAN GAB. RIVER S.W. COR.
									SEE F.B. 1209-267
2.	7	141	308 5	7 15 1/2 16	228	529	529 5	235 221 14	
				40				38	
								40	
B.M. 8-30C	113	362			506	517			B.M. 8-30C
								78	SPRING ST. & SAN GAB. RIVER, S.W. COR.
									AT FRONT DOOR TO PUMP HOUSE
									SEE F.B. ~~120~~ 2407-218, 219

SUMMATION OF RUN

B.M. 8-30A TO B.M. 8-30C

TOTAL BACKSIGHTS + 113.362

TOTAL FORESIGHTS − 506.517

DIFF. IN ELEV. − 393.155

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

SURVEY BY F.E. BROOKS WEATHER HAZY SUN INST. NO. 96716

NOTES BY BAZEN DATE 7-14-65 TIME 11:50/12:00 ROD NO. 9 & 19

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE OCT 13 '65

F.B. 3744 PG. 221

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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. 3744 PG. 222

SURVEY OF Brooks L.A. Co. PRECISE LEVEL NET JOB NO. 0301.02

SURVEY BY Brooks NOTES BAZEN

INDEXED C. J. GALLI DATE

WEATHER Hazy Sun INST. NO. 26716

TIME 10:30 TO 10:35 ROD NO. 7 & 29

NOTES CHKD Mann DATE OCT 13 '65

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 8-30C TO B.M. 8-30A
B.M. 8-30C							B.M. 8-30C (F.C. 073-02110)
1	262 553	563 5	269 255.14	55 235	356 5	60 50 10	SPRING ST. & SAN GAB. RIVER, S.W. COR. AT FRONT DOOR TO PUMP HOUSE
2	294 093	5955	294 ½ 283 22 36	108 058	409 5	122 94 28 38	SEE F.B. 2407-218, 219
B.M. 8-30A	~~t 46~~					~~22~~ ~~36~~ ~~50~~ 74	B.M. 8-30A (ARTESIA B-11)
	556 646 ✓			163 293 ✓			SPRING ST. & SAN GAB. RIVER. S.W. COR.
							SEE F.B. 1209-267

SUMMATION OF RUN

B.M. 8-30C TO B.M. 8-30A

TOTAL BACKSIGHTS + 556.646 ✓

TOTAL FORESIGHTS - 163.293 ✓

DIFF. IN ELEV. 393.353 ✓

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES
HIS SHEET MUST BE MADE OR
CLED IN RED INK, WITH DATE AND
NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 03[illegible]1.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY C.J. BAZEN
INDEXED C.J. GALLI
DATE 7-14-65
WEATHER HAZY SUN
TIME 12:00/12:40
NOTES CHKD [illegible]
DATE OCT 13 '65
INST. NO 96716
ROD NO 2 & 19
F.B. 3744 Pg. 223

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 8-30C TO B.M. 8-30B
B.M. 8-30C							B.M. 8-30C
1	236 420	537 5	229 243 14	28 653	329 5	35 21 14	SPRING ST. & SAN GAB. RIVER. S.W. COR. AT FRONT DOOR TO PUMP HOUSE
2	270 211	571 5	276 264 12 26	232 553	533 5	238 226 12 26	SEE F.B. 2407-218, 219
B.M. 8-30B						26	
	506 631			261 206		52	B.M. 8-30B SPRING ST. & SAN GAB. RIVER, S.W. COR. IN N.W. COR SPILLWAY SEE F.B. 2407-218
							SUMMATION OF RUN B.M. 8-30C TO B.M. 8-30B
							TOTAL BACKSIGHTS + 506.631
							TOTAL FORESIGHTS - 261.206
							DIFF. IN ELEV. + 245.425
							[illegible]
							F.B. 3744 - 83 & 84

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 8-30B TO B.M. 8-30C
BM 8-30B	~~234~~								B.M. 8-30B (F.C. 073-02120)
1	234	179	535 5	239 229 10	272	228	573 5	278 266 12	SPRING ST. & SAN GAB. RIVER S.W. COR AT N.W. COR SPILLWAY
2	41	833	342	47 35 12 22	249	167	550 5	256 242 14 26	
B.M. 8-30C								22	B.M. 8-30C (F.C. 073-02110)
	276	012			521	395		48	SPRING ST. & SAN GAB. RIVER S.W. COR AT FRONT DOOR TO PUMP HOUSE SEE F.B. 2407, 218, 219

SUMMATION OF RUN
B.M. 8-30B TO B.M. 8-30C
TOTAL BACKSIGHTS + 276.012
TOTAL FORESIGHTS - 521.395
DIFF IN ELEV. - 245.383

WEATHER OVERCAST INST. NO. 96716
TIME 10:25 TO 10:30 ROD NO. 9 & 19
NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 3744 PG. 224 JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER NOTES
INDEXED G. J. GALLI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO
L ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES
HIS SHEET MUST BE MADE OR
CILED IN RED INK, WITH DATE AND
NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER HAZY SUN INST. NO. 86716
NOTES BY BAZEN TIME ROD NO.
INDEXED S. J. GALLI DATE 7-14-65 NOTES CHKD DATE OCT 13 '65

F.B. 3744 Pg. 225

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 8-30B TO B.M. 8-29A
B.M. 8-30B							
1	294 371	595 5	294 / 260 68	93 652	3945	129 / 57 72 / 68	B.M. 8-30B (F.C. 073-02120) SPRING ST. & SAN GAB. RIVER. S.W. COR. IN N.W. COR. SPILLWAY SEE F.B. 2407-218
B.M. 8-29A						140	B.M. 8-29A (A.R.M. #1 ARTESIA B-11) S.E. COR SPRING ST. & SAN GAB. RIVER SEE F.B. 1209-267

SUMMATION OF RUN
B.M. 8-30B TO B.M. 8-29A
TOTAL BACKSIGHTS + 294.371
TOTAL FORESIGHTS - 93.652
DIFF IN ELEV. + 200.719

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 8-29A TO B.M. 8-30B
B.M. 8-29A	~~111~~	~~181~~	~~412~~	~~5~~	~~147~~				B.M. 8-29A (R.M. #1 ARTESIA B-11)
1	95	307	396	5	131 / 58	73	296	103	597 5 ½ 296 262 68 SPRING ST. & SAN GAB. RIVER, S.E. COR. SEE F.B.
B.M. 8-30B	95	307			296	103			73 ~~148~~ 141 B.M. 8-30B (F.C. 073-02120) SPRING ST. & SAN GAB. RIVER, S.W. COR. N.W. COR SPILLWAY SEE F.B. 2407-218

SUMMATION OF RUN
B.M. 8-29A TO B.M. 8-30B
TOTAL BACKSIGHTS + 95.307
TOTAL FORESIGHTS - 296 103
DIFF IN ELEV. 200.796

WEATHER OVER CAST INST. NO. 96716
TIME 10:20 TO 10:25 ROD NO. 9819
NOTES CHKD [signature] DATE OCT 13 '65

F.B. 3744 PG. 226 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER
INDEXED [signature] DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 8-29A TO BM 8-28A
BM 8-29A									BM 8-29A (Artesia B-11, RM #1)
1	69	412	370 5	93 45 48	262	708	563 5	286 238 48	Spring St & San Gabriel
									River, So. E. Cor. of Bridge
~~2~~			~~5~~				~~5~~		See FB 1209-267
2	17	778	318 5	1/2 17 42 50	258	771	559 5	283 233 50	
				98				98	
3	111	212	412 5	133 89 44	151	382	452 5	173 129 ~~46~~	
				142				144	
4	159	700	460 5	184 134 50	145	203	446 5	171 120 51	
				192				195	
5.	159	493	460 5	183 134 50	165	668	466 5	186 143 43	
				242				238	
6.	157	561	458 5	182 132 50	108	561	409 5	134 82 52	
				292				290	summation of run
7	256	158	557 5	278 234 44	55	851	356 5	79 31 48	
				336				338	B.M. 8-29A TO 8-28A
8	285	278	586 5	298 272 26	26	946	327 5	38 14 24	
				362				362	Total Backsights + 1664.027
9	234	641	535 5	144 124 20	83	641	384 5	94 73 21	Total foresights − 1333.339
				382				383	Diff. in elevation + 330.688
10	212	794	513 5	222 202 20	74	608	375 5	84 64 20	
				402				403	
B.M. 8-28A								402	BM 8-28A
	1664	027			1333	339		805	Spring St. + San Gabriel
									~~River~~ PKWY S.E. Cor.
									F.B. 3704-179

JOB NO. 0301.02 SURVEY OF E. & CO. PRECISE LEVEL NET

SURVEY BY Design E. E. Brooks

NOTES BY BAZEN DATE 7-14-65

INDEXED C. J. GALLI DATE

WEATHER Slight wind Clear

TIME 1:45 / 2:45

NOTES CHKD [illegible] DATE OCT

INST. NO. 96716

ROD NO. 9-19

F.B. 3744 PG. 227

PLEASE RETURN TO

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403 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. 3744 PG. 228 — JOB NO. 0301.02 — L.A. Co. Precise Level Net

SURVEY OF L.E. Brooks — NOTES G.E. DREIER

SURVEY BY L.J. GALLI — DATE

INDEXED — DATE

WEATHER OVERCAST — INST. NO. 96716

TIME 9:30 TO 10:20 — ROD NO. 9-16

NOTES CHKD L.J.G. — DATE OCT 13 '66

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M.8-28A TO B.M.8-29A
B.M.8-28A	~~67 152~~	~~368 5~~	~~77 57~~				B.M.8-28A
1			~~20~~	~~199 313~~	~~498 5~~	~~207 187 20~~	SPRING ST. & SANGAB. FRWY S.W. COR
							SEE F.B. 3704-179
2	~~75 199~~	~~376 5~~	~~85 65 20~~	~~226 578~~	~~527 5~~	~~236 216 20~~	(LAST T.P.)
3 1	66 775	367 5	76 56 20	206 068	507 5	216 196 20	↑ BUSTRUM
4 2	80 883	381 5	91 69 22 42	223 183	524 5	233 213 20 40	
5 3	22 041	323 5	34 10 24 66	267 361	568 5	279 255 24 64	
6 4	32 475	333 5	51 13 38 104	261 811	562 5	280 242 38 102	SUMMATION OF RUN
7 5	92 049	393 5	119 65 54 158	132 969	433 5	159 105 54 156	B.M.8-28A TO B.M.8-29A ✓
8 6	166 690	467 5	189 143 46 204	160 567	461 5	183 137 44 200	TOTAL BACKSIGHTS + 1285.156 ✓
9 7	143 317	444 5	167 119 48 252	159 158	460 5	185 133 52 252	TOTAL FORESIGHTS − 1616.652 ✓
10 8	152 599	453 5	174 130 44 296	128 337	429 5	150 105 55 307	DIFF. IN ELEV. − 331.496 ✓
9	268 569	569 5	293 243 50 346	10 763	311 5	½ 34 10 48 355	
10	259 758	560 5	283 236 47 393	66 435	367	90 42 48 403	
B.M.8-29A		✓			✓	393	B.M.8-29A (R.M.#1 ART. B-11) S.E. COR
	1285156			1616652		796	SPRING ST. & SANGAB. RIVER
							SEE F.B. 1209-267

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER HAZY SUN INST. NO 96716
NOTES BY G.E. DREIER DATE 7-14-65 TIME 2:45 TO 3:30 ROD NO 2819
INDEXED C. J. GALLI DATE NOTES CHKD DATE
F.B. 3744 Pg. 229

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 8-28A TO B.M. 8-26A
B.M. 8-28A							B.M. 8-28A
1	134 901	435 5	157 / 111 46	198 455	499 5	222 / 174 48	SPRING ST. & SAN GAB. PRKWY, S.W. Cor
							SEE F.B. 3704-179
2	60 787	361 5	71 / 49 22 / 68	207 325	508 5	219 / 195 24	
3	35 449	336 5	46 / 24 22 / 90	256 284	557 5	266 / 246 20	↑ MATHER
4	9 745	310 5	½ 25 / 9 32	244 641	545 5	260 / 228 32	
5	47 384	348 5	74 / 20 54	138 929	439 5	167 / 109 58	
6	179 449	480 5	197 / 162 35	56 357	357 5	73 / 39 34	
7	298 384	599 5	½ 298 / 276 44 / 255	48 139	349 5	70 / 44 44 / 260	
						255	B.M. 8-26A
B.M. 8-26A	~~4~~					515	SPRING ST. & COYOTES CR. S.W. COR
	~~496 297~~			1150 130			SEE F.B. 2828-12
	766099						

SUMMATION OF RUN
B.M. 8-28A TO B.M. 8-26A
Total Backsights + ~~496.297~~
Total foresights − 1150.130
Diff. in. elev. ~~653.833~~
− 384.031

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 8-26A TO B.M. 8-28A
B.M. 26A									B.M. 8-26A (CORPS OF ENGR CC # 5)
1	73	738	374 5	93 52 41	298	818	599 5	½ 298 279 38	SPRING ST & COYOTES CR. S.W. COR
									SEE F.B. 2828-12
2	32	403	333 5	52 12 40 82	196	738	497 5	213 179 44 82	⊼ BUSTRUM
3	154	993	455 5	183 125 58 140	80	702	381 5	101 59 42 124	
4	258	933	559 5	274 242 32 172	11	933	312 5	½ 31 11 40 164	
5	263	880 ~~56~~	564 ~~880~~ 5	271 ~~560~~ 255 16 188	51	523	352 5	66 36 30 194	
6	274	101	575 5	288 260 22 210	118	161	419 5	128 108 20 214	
7	221	351	522 5	246 196 50 259	137	649	438 5	159 115 44 258	
B.M. 8-28A								759	B.M. 8-28A
	1279	399			895	524		517	SPRING ST. & SAN GAB. FRWY S.W. COR
									SEE F.B.

SUMMATION OF RUN
B.M. 8-26A TO B.M. 8-28A
TOTAL BACKSIGHTS + 1279.399
TOTAL FORESIGHTS - 895.524
DIFF. IN ELEV. 383.875

WEATHER OVERCAST INST. NO. 96716
TIME 8:55 TO 9:30 ROD NO. 9819
NOTES CHKD [signature] DATE OCT 23 '65

F.B. 3744 PG. 230 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY G.E. DREIER NOTES G.E.D.
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM8-26A TO BM8-25A
BM8-26A	199	439	500 5	225 173 52					BM8-26A (CORPS OF ENGR. CC. #5) Spring St. & Coyotes Creek. S.W. Cor. of bridge. See F.B. 2828-12
B.M. 8-25A					190	468	491 5	218 162 56 52 108	B.M. 8-25A (CORPS OF ENGR CC. #6) SPRING ST. & Coyotes CR. SEE F.B. 2828-12

summation of run.
B.M. 8-26A To B.M. 8-25A
Total B.S. + 199.439
Total F.S. − 190 468
diff. of elev. + 8.971

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

SURVEY BY E. E. Brooks

NOTES BY BAZEN DATE 7-14-65

INDEXED G. J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96714

TIME 3:30/3:35 ROD NO. 9.19

NOTES CHKD [signature] DATE OCT 13 '65

F.B. 3744 PG. 231

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-25A TO BM 8-26A
BM 8-25A									BM 8-25A (CORPS OF ENGR CC #6)
1	186	523	487	5	215 157	58	195	485	496	220 170 50 58 108	Spring St & Coyote Creek N.E. Cor of S'ly Barrel of Spring St. See FB 2828-12
B.M. 8-26A									B.M. 8-26A (CORPS OF ENGR CC #5) IN CTR. SPRING ST & COYOTES CR., E SIDE S

summation of run
B.M. 8-25A To 8-26A
Total B.S. +186.523
Total F.S. -195.485
diff. in elev. - 8.962

F.B. 3944 PG. 232 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E.E. Brooks NOTES G.E. DREIER

INDEXED C. J. GALL DATE

WEATHER OVERCAST INST. NO. 96716

TIME 8:47 TO 8:52 ROD NO. 9-19

NOTES CHKD [illegible] DATE OCT 13 '65

76P526 CE # 308 3-61

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

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

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STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM8-25A TO BM.8-24D
BM8-25A									BM8-25A (CORPS OF ENGR. CC.#6)
1	64	737	365 5	80 47 33	221	099	522 5	238 204 34	Spring St. & Coyote
2	167	233	468 5	189 145 44	146	495	447 5	169 123 46	Creek N. Ecor. of S'ly.
3	160	675	461 5	183 136 77 47	147	017	448 5	168 126 80 42	barrel of Spring St.
4	150	537	451 5	171 129 124 42	156	337	457 5	178 134 122 44	See F.B. 2828-12
5	161	633	462 5	184 138 166 46	141	413	442 5	165 117 166 48	⊼ Bustrum
6	142	757	443 5	158 126 212 32	36	248	337 5	51 21 214 30	
7	169	095	470 5	176 162 244 14	107	195	408 5	165 99 244 16	
				258				260	
								258	
B.M. 8-24D	1016665				955	804		518	B.M. 8-24D
									NORWALK BLVD & COYOTE CR. S.W. COR.
									SEE F.B. 3704-173 & 174
									SUMMATION OF RUN
									B.M. 8-25A TO B.M. 8-24D
									TOTAL BACKSIGHTS +1016.665
									TOTAL FORESIGHTS - 955.804
									DIFF IN ELEV. + 60.863

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY E. L. Brook
NOTES BY Bazen DATE 7/15/65
INDEXED C. J. GALLI DATE
WEATHER Clear + windy INST. NO. 96716
TIME 2:45/3:10 ROD NO. 9-19
NOTES CHKD [illegible] DATE OCT 13 '65
F.B. 3744 PG 233

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 8-24D TO B.M. 8-25A
B.M. 8-24D									B.M. 8-24D
1	108	908	409 5	116 / 100 16	170	685	471 5	176 / 164 12	
2	40	263	341 5	54 / 26 28	161	731	462 5	177 / 145 32	
				44				44	
3	157	523	458 5	181 / 133 48	159	488	460 5	182 / 136 46	
				92				90	
4	154	283	455 5	176 / 132 44	160	929	461 5	182 / 138 44	
				136				134	⊼ Bastrum
5	155	599	456 5	178 / 132 46	157	005	458 5	179 / 135 44	
				182				178	
6.	146	343	447 5	168 / 124 44	171	240	472 5	195 / 147 48	
				226				226	
7	224	057	525 5	241 / 207 34	66	605	367 5	82 / 49 33	
B.M. 8-25A				260				259	B.M. 8-25A (CORPS OF ENGR. CC#6)
								260	SPRING ST. & COYOTE CR., E. SIDE
	986	976			1047	683		519	SEE F.B. 2828-12

SUMMATION OF RUN
B.M. 8-24D TO B.M. 8-25A
TOTAL BACKSIGHTS +986.976
TOTAL FORESIGHTS -1047.683
DIFF IN ELEV. 60.707

F.B. 3744 PG. 234

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES Bazen

INDEXED C. J. GALLI DATE

WEATHER & CLEAR WINDY INST. NO. 96716

TIME 3:30/3:45 ROD NO. 9-19

NOTES CHKD [illegible] DATE OCT 13 '65

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 8-24D TO BM 8-24C.
BM. 8-24D			223		~~224~~	224	BM. 8-24D.
1	187 705	488 5	147 76	187 248	~~147~~ 448 5	147 77	Norwalk Blvd. & Coyote
						76	Creek S.W. Cor. of bridge.
						153	See F.B. 3704 – 173 & 174
B.M. 8-24C							B.M. 8-24C
							NORWALK BLVD & COYOTE CR. N.E. Cor.
							SEE F.B. 3704-173
			RERUN				
B.M. 8-24D			231			230	
	193 040	494 5	154 77	192 620	493 5	154 76	
						77	
B.M. 8-24C						153	

RERUN

+ 187.705 + 193.040
- 187.248 - 192.620
+ 000.457 + 00.420

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY E. Brooks
NOTES BY DREIER DATE 7-19-65
INDEXED G.J. GALL DATE
WEATHER Clear & windy INST. NO. 26716
TIME 3:10 / 3:25 ROD NO. 9.19
NOTES CHKD DATE OCT 13 '65
F.B. 3744 PG. 235

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM8-24C TO BM8-24D
BM 8-24C									BM 8-24C (ORANGE CO. SURV. B.M.
1.	187	255	488 5	226 148 78	187	528	488 5	225 149 76 78 154	Norwalk Blvd & Coyote Creek N.E. Cor. of bridge. See FB3704-173
B.M 8-24D									B.M. 8-24D NORWALK BLVD. & COYOTE CR. S.W. COR. SEE F.B. 3704-173, 174
				RE RUN					
B.M. 8-24	189	810	490 5	227 151 76	190	235	491 5	228 151 77 76 153	
B.M. 8-24D									
									+ 187255 + 189.810
									- 187528 - 190.235
									- 00.425
							DIFF IN ELEV.		- 000273

F.B. 3744 PG. 236 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY DREIER NOTES

INDEXED C. J. GALLI DATE

WEATHER Sunny - Breeze INST. NO. 96716

TIME 3:15 ROD NO. 9.19

NOTES CHKD [illegible] DATE OCT 13 '63

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM8-24C TO BM8-23A
BM.8-24C.									BM8-24c
1	78	767	379 5	98 58 40	237	620	538 5	257 217 40	Norwalk Blvd. & Coyote Creek N.E. cor of bridge.
2	43	444	344 5	65 20 45 85	270	849	571 5	292 248 44 84	See F.B. 3704-173
3	123	940	424 5	149 97 52 137	146	769	447 5	173 119 54 138	⊼ BAZEN
B.M.								137	B.M 8-23A
	246	151			655	238		275	NORWALK BLVD & WARDLOW RD N.E. COR
									SEE F.B. 3704-171

SUMMATION OF RUN
B.M. 8-24C TO B.M. 8-23A
TOTAL BACKSIGHTS + 246.151
TOTAL FORESIGHTS − 655.238
DIFF. IN ELEV. − 409.087

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY E. E. Brooks
NOTES BY G.E. DREIER DATE 7-19-65
INDEXED C. J. GALLI DATE
WEATHER OVERCAST INST. NO. 96916
TIME 8:40 TO 8:50 ROD NO. 9.19
NOTES CHKD [illegible] DATE OCT 13 '65
F.B. 3744 PG 237

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 8-23A TO B.M. 8-24C
B.M. 8-23A									B.M. 8-~~24C~~ 23A
1	137	945	438 5	163 111 52	127	105	428 5	154 100 54	NORWALK BLVD. & WARDLOW RD. N.E. COR
									SEE F.B. 3704-171
2	280	385	581 5	302 258 44 96	40	378	341 5	63 18 45 99	⊼
3	241	205	542 5	261 220 41 137	82	866	383 5	101 63 38 137	
B.M. 8-24C								137	B.M. 8-24C
	659	535			250	349		274	NORWALK BLVD. & COYOTE CR. N.E. COR.
									SEE F.B. 3704-173

SUMMATION OF RUN
B.M. 8-23A TO B.M. 8-24C
TOTAL BACKSIGHTS + 659.535
TOTAL FORESIGHTS - 250.349
DIFF IN ELEV. + 409.186

F.B. 3744 PG. 238 JOB NO. 0301.02 L.A. Co. Precise Level Net

SURVEY OF

SURVEY BY E. E. Brooks NOTES

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO. 96716

TIME ROD NO. 9-19

NOTES CHKD. DATE OCT 13 '65

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY L. E. Brook
NOTES BY G.E. DREIER DATE 7-14-65 WEATHER Hazy overcast INST. NO. 26776
TIME 8:55 TO 4:28 ROD NO. 619
INDEXED G. J. CALLI DATE NOTES CHKD DATE OCT 13 '65
F.B. 3744 PG. 239

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM8-23A TO BM8-22
BM8-23A							BM8-23A
1	153 132 (46)	454 5	180 126 54	135 895 (50 60)	436 5	162 108 54	Norwalk Blvd & Ward/ow Rd. N.E. Cor.
2	143 845	444 5	168 119 49 103	156 488	457 5	180 132 48 102	See F.B. 3704 — 171
3	160 573	461 5	184 136 48 151	143 682 ~~159~~	444 5 ~~5~~	166 120 46 148	T BAZEN
4	156 067	457 5	182 130 52 203	159 679	460 5	185 133 52 200	
5	153 788	454 5	178 129 49 252	157 563	458 5	183 132 51 251	
6	157 308	458 5	181 133 48 300	153 359	454 5	177 129 48 299	
7	153 461	454 5	182 124 58 358	147 480	448 5	176 118 58 357	
8	145 738	446 5	171 119 52 410	127 692	428 5	153 101 52 409	
9	147 808	448 5	154 140 14 424	166 039 ✓	467 5	173 159 14 423 ✓	
B.M. 8-22		✓			✓	424 ✓	B.M. 8-22 (U.S.C.&G. D-779)
	1371 720			1347 877		847	NORWALK BLVD. & 224TH ST. S.E. COR.
							SEE F.B. 1209-21
							SUMMATION OF RUN
							Bm. 8-23A TO B.M. 8-22
							TOTAL BACKSIGHTS + 1371.720 ✓
							TOTAL FORESIGHTS - 1347.877 ✓
							DIFF. IN ELEV. ~~-6.167~~
							+ 23.843 ✓

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 3744 PG. 240 | JOB NO. 0301.02 | SURVEY OF L. A. Co. Precise Level Net | SURVEY BY L. E. Brooks | NOTES G. E. DREIER | INDEXED C. J. GALLI DATE

WEATHER SUNNY | TIME 7:15 - 12:00 | NOTES CHKD M.J.S. | INST. NO. 9776 | ROD NO. 9-4 | DATE OCT 13 '65 | BREEZE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 8-22 TO B.M. 8-23A
B.M. 8-22				172				154	B.M. 8-22 (U.S.C.&G.S. D-779)
1	165	645	466 5	158 14	147	435	448 5	140 14	NORWALK BLVD & 224TH ST., S.E. COR.
									SEE F.B. 1209-21
2	131	268	432 5	157 105 52 66	140	928	441 5	166 114 52 66	
3	147	746	448 5	176 118 58 124	161	765	462 5	190 132 58 124	T BAZEN
4	155	720	456 5	179 137 42 168	163	662	464 5	139 187 48 172	
5	160	571	461 5	185 135 50 228	153	294	454 5	178 128 50 222	
									SUMMATION OF RUN
6	156	530	457 5	182 130 52 274	159	790	460 5	185 133 52 274	B.M. 8-22 TO B.M. 8-23A ✓
7	143	262	444 5	166 120 46 320	162	805	463 5	186 138 48 322	TOTAL BACKSIGHTS + 1376.978 ✓
8	163	241	464 5	188 138 50 370	138	282	439 5	166 111 55 377	TOTAL FORESIGHTS - 1400.431 ✓
9	152	995	453 5	179 125 54 428	172	470	473 5	194 150 44 421	DIFF. IN ELEV. - 23.453 ✓
								4 420	
B.M. 8-23A								845	B.M. 8-23A
	1376 998 ✓				1400 431 ✓				NORWALK BLVD & INWARD LOW RD. N.E. COR.
									SEE F.B. 3704-171

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. E. Brooks
NOTES BY G.E. DREIER DATE 7-19-65 WEATHER SCAT. CLOUDS INST. NO. 96714
INDEXED G. J. GALLI DATE NOTES CHKD DATE OCT 13 '65 TIME 9:28 TO 4:58 ROD NO. 9-14
F.B. 3744 Pg. 241

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 8-22 TO BM 8-21
BM 8-22							BM 8-22 (U.S.C.&G.S. D 779)
1	161 812	462 5	186 136 50	168 202	469 5	192 144 48	Norwalk Blvd & 224th St
2	167 912	468 5	193 141 52 102	145 463	446 5	170 119 51 99	S.E. Cor.
3	153 591	454 5	180 126 54 156	148 625	449 5	174 122 52 151	See F.B. 1209-21
4	150 720	451	172 128 44 200	145 198	446 5	166 123 43 194	T BAZEN
5	165 952	466 5	190 141 49 249	139 435	440 5	164 114 50 244	
6	160 900	461	184 136 48 297	135 214	436 5	159 111 48 292	
7	168 602	469	194 142 56 353	184 115	485	212 156 56 348 ✓ 353 ✓	
B.M. 8-21		✓			✓	701	B.M. 8-21
	1129 489			1066 252			NORWALK BLVD. & CARSON ST., N.W. Cor.
							SEE F.B. ~~1209~~ 2828-16

SUMMATION OF RUN
B.M. 8-22 TO B.M. 8-21
TOTAL BACKSIGHTS + 1129.489 ✓
TOTAL FORESIGHTS - 1066.252 ✓
DIFF IN ELEV. + 63.237 ✓

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

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Do not extend notes this side of this line.

WEATHER Sunny INST. NO. 96716
TIME 11:22 ROD NO. 9.19
NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 3744 PG. 242 JOB NO. 8301.02
SURVEY OF E.A. Co. Precise Level Net
SURVEY BY R.E. Brooks NOTES
INDEXED C. J. GALLI DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 8-21 TO B.M. 8-22
B.M. 8-21							B.M. 8-21 (R.M.#1 ARTESIA NORWALK BLVD. & CARSON ST, N.W.COR SEE F.B. 2828-16
1	182 008	483 5	210 153 57	176 958	477 5	202 150 52	
2	144 907	445 5	168 120 48 105	144 810	445 5	169 120 49 101	
3	119 792	420 5	143 95 48 153	160 370	461 5	185 135 50 151	⊼ BAZEN
4	143 825	444 5	164 122 42 195	158 035	452 5	174 128 46 197	
5	150 685	451 5	175 124 51 246	154 330	455 5	182 127 55 282	
6	143 195	444 5	169 118 51 297	146 129	447 5	172 120 52 304	
7	146 830	447 5	172 120 52 349	160 790	461 5	183 137 46 350 ✓	
						349 ✓	
B.M. 8-22	1031 242	✓		1094 422	✓	699	B.M. 8-22 (U.S.C.&G.S. D-779) NORWALK BLVD. & 224TH ST. S.E.COR SEE F.B. 1209-21

SUMMATION OF RUN
B.M. 8-21 TO B.M. 8-22
TOTAL BACK + 1031.242 ✓
TOTAL FORE − 1094.422 ✓
DIFF IN ELEV ± 63.180

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM8-21 TO BM8-~~19A~~ 19A
BM8-21									BM 8-21 (R.M.I. Artesia D9)
1	224	067	525 5	251 197 54	174	445	475 5	202 146 56	Norwalk Blvd &
2	170	260	471 5	196 144 52 106	177	757	478 5	202 152 50 106	Carson St. N.W. Cor.
3	150	492	451 5	173 127 46 152	148	002	449 5	172 124 48 154	See FB 2828-16
4	157	910	458 5	183 131 52 204	184	739	485 5	210 158 52 206	⊼ BAZEN
5	174	262	475 5	199 149 50 254	156	025	457 5	182 131 51 257	SUMMATION OF RUN
6	178	115	479 5	204 152 52 306	148	594	449 5	173 123 50 307	B.M. 8-21 TO B.M. 8-19A TOTAL BACKSIGHTS + 1737.342 ✓ TOTAL FORESIGHTS − 1331.332 ✓
7	189	668	490 5	214 164 50 356	128	460	429 5	152 104 52 359	DIFF IN ELEV. + 406.010 ✓
8	200	048	501 5	226 174 52 408	159	612	460 5	183 136 47 406	
~~B.M. 8-19A~~ 9	292	520	593 5	½ 292 273 38 446	53	698	354 5	½ 73 53 40 446	~~B.M. 8-19A~~ ~~17A~~
B.M. 8-19A			✓				✓	444	~~CARSON ST. & BLOOMFIELD~~ N.W. COR B.M. 8-19A (CORPS OF ENGR CC-12)
	1737	342			1331	332		892	CARSON ST. & COYOTE CR. S.W. COR SEE F.B. 2828-11

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

SURVEY BY L. E. [illegible] WEATHER SUN INST. NO. 96716

NOTES BY G. E. DREIER DATE 7-19-65 TIME 10:00 TO 10:40 ROD NO. 9.19

INDEXED E. J. GALLI DATE NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 3744 PG. 243

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 4-19 DATE OCT 13 '65

WEATHER Sunny TIME 11:00 TO 11:30 NOTES CHKD Bazen

F.B. 3744 Pg. 244 JOB NO. 03101.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY P. E. Brock NOTES G.E. DREIER

INDEXED C. J. GALLI DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 8-19A TO B.M. 8-21
B.M. 8-19A									B.M. 8-19A (CORPS OF ENGR. CC-12)
1	58	155	359 5	78 ½ 58 40	296	995	597 5	296 ½ 217 38	CARSON ST & COYOTE CR., S.W. COR.
									SEE F.B. 2828-11
2	149	821	450 5	174 124 50 90	190	215	491 5	215 166 49 87	
									BAZEN
3	125	935	426 5	151 99 52 142	187	623	488 5	211 163 48 135	
4	144	143	445 5	167 121 46 188	175	888	476 5	203 147 56 191	
5	158	522	459 5	183 133 50 238	174	239	479 5	199 145 50 241	SUMMATION OF RUN
6	186	543	487 6	212 160 52 290	159	990	460 5	185 133 52 293	B.M 8-19A TO B.M. 8-21
									TOTAL BACKSIGHTS +1315.755 ✓
7	143	165	444 5	167 119 48 338	145	033	446 5	168 122 46 339	TOTAL FORESIGHTS - 1722.098 ✓
									DIFF. IN ELEV. - ~~386.3+3~~ 406.343 ✓
8	176	836	477 5	200 151 49 387	163	895	464 5	188 137 51 390	
9	172	635	473 5	208 143 58 445	228	220	529 5	254 202 52 442 ✓	
B.M. 8-21	1315	755 ✓			1722	098 ✓		445 887	B.M 8-21 (R.M. #1 ARTESIA D-9)
									NORWALK BLVD. & CARSON ST. N.W. COR.
									SEE F.B. 2828-16

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

F.B. 3744 PG. 245

SURVEY BY E. E. Brooks WEATHER Clear INST. NO. 96716

NOTES BY M. Bustrum DATE 7-19-65 TIME 2:40 ROD NO. 9.19

INDEXED E. J. GALLI DATE NOTES CHKD [illegible] DATE OCT 13 '65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM8-19A TO BM8-18A
BM8-19A									BM8-19A (Corps of Engineers (CC12)
1	192	800	493 5	199 / 185 14	188	117	489 5	196 / 181 15 / 14 / 29	Carson St. & Coyote Creek S.W. Cor. See F.B. 2828-11
									π Mather
BM8-18A									BM8-18A CORPS OF ENGR CC13 CARSON ST & COYOTE CR. N.W. COR. SEE F.B. 2828-11
									SUMMATION OF RUN B.M. 8-19A TO B.M. 8-18A TOTAL BACKSIGHTS + 192.800 TOTAL FORESIGHTS - 188.117 DIFF IN ELEV. + 4.683

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-18A TO BM 8-19A
BM 8-18A									BM 8-18A (CORPS OF ENGR CC-13) CARSON ST & COYOTE CR. N.W.COR SEE F.B. 2828-11
1	195	642	496 5	202 188 14	200	332	501 5	207 194 13 14 27	
BM 8-19A									BM 8-19A (CORPS OF ENGR CC12) CARSON ST & COYOTE CR S.W.COR
									SUMMATION OF RUN B.M. 8-18A TO B.M. 8-19A, TOTAL BACKSIGHTS + 195.642, TOTAL FORESIGHTS - 200.332, DIFF. IN ELEV. - 4.690

F.B. 3744 PG. 246

JOB NO. 0301.02

L.A. Co. Precise Level Net

SURVEY OF P. E. Brooks

SURVEY BY C. J. GALLI

NOTES

INDEXED

DATE

WEATHER

TIME

NOTES CHKD

INST. NO. 96716

ROD NO. 9.19

DATE OCT 13 '65

76P526 CE # 308 3-61

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

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-18A TO BM 8-17A
BM 8-18A									BM 8-18A (Corps of Engineers cc 13.)
1.	~~31~~	~~118~~	~~332 5~~	~~51 31 20~~	~~274~~	~~767~~	~~575 5~~	~~286 262 24~~	Carson St & Los Coyotes Creek
									See FB 2828-11
1.	36	754	337 5	51 36 15X2 30	280	249	581 5	297 263 34	
								30	π MATHER
								64	
BM 8-17A									BM 8-17A CARSON ST. & BLOOMFIELD, N.W. COR. SEE F.B. 1209-18, 19
									SUMMATION OF RUN B.M. 8-18A TO B.M. 8-17A TOTAL BACKSIGHTS + 36,754 TOTAL FORESIGHTS - 280,249 DIFF IN ELEV. - 243.495

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY E. E. Brooks
NOTES BY M Bustrum DATE 7-19-65
INDEXED C. J. GALLI DATE
WEATHER Clear
TIME 2:45
NOTES CHKD [illegible] DATE OCT 13 '65
INST. NO. 96716
ROD NO. 9.19
F.B. 3744 PG. 247

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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. 3744 PG. 248 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY R.E. Brooks NOTES August 1965
INDEXED C. J. GALLI DATE
WEATHER Clear INST. NO. 9716
TIME 2:50 ROD NO. 9-19
NOTES CHKD [illegible] DATE OCT 25 '65

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BMB-17A TO BMB-18A
BMB-17A							BM B-17A
l.	280 822	581 5	297 263 34	37 300	338 5	52 15 x 2 37 30 34 64	Carson St. & Bloomfield Ave. N. W. cor. See FB 1209-18-19
							T MATHER
BMB-18A							BM B-18A CORPS OF ENGR CC 13 CARSON ST & COYOTE CR. SEE F.B. 2828-11
							SUMMATION OF RUN B.M. 8-17A TO B.M. 8-18A ✓
							TOTAL BACKSIGHTS + 280.822 ✓
							TOTAL FORESIGHTS - 37.300 ✓
							DIFF IN ELEV. + 243.522 ✓

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY L.E. Brown
NOTES BY M.R. Burtnett
INDEXED C.J. Gallo
DATE 7-19-65
WEATHER Clear
TIME 2:05-3:35
NOTES CHKD [illegible]
DATE OCT 13 '65
INST. NO. 96716
ROD NO. 4-19
F.B. 3744 PG. 249

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-17A TO BM 8-15A
BM8-17A									BM 8-17A Carson St. & Bloomfield N.W. cor. See FB 1209 - 18-19 T MATHER
1	208	088	509	5	254	898	555	5	
2	135	802	436	5	138	397	439	5	
3	148	635	449	5	147	243	448	5	
4	155	930	456	5	155	307	456	5	
5	160	338	461	5	139	680	440	5	
6	147	878	448	5	154	535	455	5	
7	158	690	459	5	152	390	453	5	
8	162	137	463	5	153	938	454	5	
9	160	445	461	5	152	701	453	5	
10	160	652	461	5	130	807	431	5	
BM8-15A									BM8-15A BLOOMFIELD & CENTRALIA S.E. COR. SEE F.B. 3704-159
	1598	595			1579	996			

Stadia intermediate readings:
- 1: 225, 191, 34
- 2: 154, 116, 38, 72
- 3: 169, 127, 42, 114
- 4: 176, 134, 42, 156
- 5: 181, 139, 42, 198
- 6: 168, 126, 42, 240
- 7: 178, 138, 40, 280
- 8: 182, 142, 40, 320
- 9: 181, 139, 42, 362
- 10: 169, 151, 18, 380 ✓

Foresight stadia intermediate readings:
- 1: 281, 238, 33
- 2: 157, 119, 38, 71
- 3: 168, 126, 42, 113
- 4: 176, 133, 43, 156
- 5: 160, 118, 42, 198
- 6: 175, 133, 42, 240
- 7: 173, 131, 42, 282
- 8: 174, 132, 42, 324
- 9: 171, 133, 38, 362
- 10: 140, 120, 20, 382 ✓, 380 ✓

SUMMATION OF RUN
B.M. 8-17A TO B.M. 8-15A
TOTAL BACKSIGHTS +1598.595
TOTAL FORESIGHTS -1579.996
DIFF IN ELEV. +18.599

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 3744 PG. 250 | JOB NO. 0301.02 | L.A. Co. Precise Level Net

SURVEY OF L.E. Brooks NOTES G.E. DREIER

SURVEY BY C. J. GALLI DATE

INDEXED

WEATHER OVERCAST INST. NO. 2716

TIME 10:04 TO 10:35 ROD NO. F.24

NOTES CHKD DATE OCT 13 '65

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 8-17A 15A TO B.M. 8-15A 17A
B.M. 8-15A								168 150	B.M. 8-18A S.E. COR BLOOMFIELD ~~NORWALK~~ BLVD & CENTRALIA
1	130	981	431 5	139 121 18	159	153	460 5	~~160~~ 18	SEE F.B. 3704-159
2	156	703	457 5	176 136 40 58	166	004	467 5	186 146 40 58	
3	151	931	452 5	172 130 42 100	159	200	460 5	179 139 40 98	
4	152	063	453 5	172 132 40 140	159	436	460 5	179 139 40 138	
5	153	679	454 5	174 132 42 182	147	005	448 5	168 126 42 180	SUMMATION OF RUN
6	147	749	448 5	168 126 42 224	169	313	470 5	190 148 42 222	B.M. 8-15 TO B.M. 8-17A
7	159	870	460 5	181 ~~160~~ 44 268	164	863	465 5	184 143 41 263	TOTAL BACKSIGHTS + 1613.128 ✓
8	169	863	470 5	190 148 42 310	165	112	466 5	186 144 42 305	TOTAL FORESIGHTS − 1631.816 ✓
9	135	407	436 5	154 116 38 348	134	482	435 5	153 116 37 342	DIFF IN ELEV. − 18.688 ✓
10	254	882	555 5	272 236 36 384	207	248	508 5	222 192 30 372 ✓	
								384 ✓	
B.M. 8-17A			✓				✓	756	B.M. 8-17A
	1613	128			1631	816			CARSON & BLOOMFIELD AV. N.W. COR.
									SEE F.B. 1209-18, 19

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM8-15A TO BM8-13
BM8-15A									BM8-15A
1	167	295	468 5	190 144 46	168	952	469 5	191 145 46	Bloomfield & Centralia Rd. S.E. cor
2	163	523	464 5	191 134 57 103	143	589	444 5	171 115 56 102	See F.B. 3704-159
3	163	113	464 5	190 137 53 156	148	623	449 5	175 122 53 155	⊼ MATHER
4	160	075	461 5	188 132 56 212	145	163	446 5	174 116 58 213	
5	160	727	461 5	183 137 46 258	151	962	452 5	175 128 47 260	SUMMATION OF RUN
6	169	659	470 5	197 141 56 314	144	813	445 5	172 116 56 316	B.M. 8-15A TO B.M. 8-13 ✓ TOTAL BACKSIGHTS + 1319.899 ✓ TOTAL FORESIGHTS - 1214.476 ✓
7	167	337	468 5	193 142 51 365	144	882	445 5	170 118 52 368	DIFF IN ELEV. + 105.423
8	168	170	469 5	197 139 58 423	166	492	467 5	196 136 60 428	✓ ✓
B.M. 8-13								423	B.M. 8-13
	1319	899	✓		1214	476	✓	851	BLOOMFIELD & DEL AMO BLVD ℄ INT. SEE F.B. 3704-157

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 7-20-65
INDEXED C. J. GALLI DATE
WEATHER FOGGY
TIME 8:15 TO 8:40
NOTES CHKD [illegible] DATE
INST. NO. 96716
ROD NO. 9 & 19
F.B. 3744 PG. 251

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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. 3144 PG. 252 JOB NO. 03301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES G.E. DREIER

INDEXED C. J. GALLI DATE

WEATHER OVERCAST INST. NO. 9616

TIME 9:30 to 10:04 ROD NO. 9819

NOTES CHKD. Mather DATE OCT 13 '65

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 8-13 TO B.M. 8-15A
B.M. 8-13									B.M. 8-13
1	163	885	464 5	193 133 60	165	930	466 5	194 136 58	BLOOMFIELD & DEL AMO BLVD. INT.
									SEE F.B. 3704 - 157
2	149	712	450 6	174 124 50 110	172	837	473 5	198 146 52 110	
3	145	378	446 5	173 117 56 166	168	178	469 5	196 140 56	↑ MATHER
4	153	468	454 5	175 131 44 210	167	972	468 5	191 143 48 214	
5	142	125	443 5	171 114 57 267	152	052	453 5	180 124 56 270	SUMMATION OF RUN
6	150	433	451 5	177 123 54 321	165	191	466 5	192 139 53 323	B.M. 8-13 TO B.M. 8-15A ✓
7	156	338	457 5	184 128 56 377	175	958	476 5	203 147 56 379	TOTAL BACKSIGHTS + 1230.331 ✓ TOTAL FORESIGHTS - 1335.506 ✓ DIFF IN ELEV. - 105.175 ✓
8	168	692	469 5	193 143 50 427 ✓	167	388	468 5	189 145 44 423 ✓ ✓	
B.M. 8-15A								427	B.M. 8-15A
	1230	331 ✓			1335	506 ✓		850	BLOOMFIELD AVE & CENTRELIA, S.E. COR.
									SEE F.B. 3704 - 159

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM8-13 TO BM 8-10
BM8-13									BM 8-13
1	168	169	469 5	198 / 138 60	128	222	429 5	157 / 100 57	Bloomfield & Del Amo Blvd.
2	145	297	446 5	178 / 113 65 / 125	135	007	436 5	163 / 107 56 / 113	See FB 3704 — 157
3	220	008	521 5	244 / 196 48 / 173	169	172	470 5	196 / 142 54 / 167	⊼ MATHER
4	131	468	432 5	161 / 101 60 / 233	148	918	449 5	178 / 118 60 / 227	SUMMATION OF RUN
5	153	401	454 5	181 / 125 56 / 289	150	000	451 5	179 / 121 58 / 285	B.M. 8-13 TO B.M. 8-10
6	156	67	457 5	186 / 126 60 / 349	151	672	452 5	179 / 123 56 / 341	TOTAL BACKSIGHTS + 1291.527 ✓
7	155	588	456 5	180 / 130 50 / 399	122	421	423 5	150 / 94 56 / 397	TOTAL FORESIGHTS − 1132.431 ✓
8	160	979	461 5	168 / 152 16 / 415	127	019	428 5	136 / 118 18 / 415 ✓	DIFF IN ELEV. + 159.096
B.M. 8-10								415	(LEANS N.ELY)
	1291	527 ✓			1132	431 ✓		830	BM. 8-10 (U.S.C.G.S F-779) BLOOMFIELD AVE & 195th ST. N.W. COR. SEE F.B. 1209-14

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 7-20-65

INDEXED L. J. GALLI DATE

WEATHER OVERCAST

TIME 8:40 TO 9:20

NOTES CHKD [illegible] DATE OCT 13 '65

INST. NO. 96416

ROD NO. 9-19

F.B. 3744 PG. 253

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 8-10 TO B.M. 8-13
B.M. 8-10									B.M. 8-10 (U.S.C.&G.S. F-779) LEANS
1	132	436	433 5	140 124 16	166	458	467 5	175 157 18	BLOOMFIELD AVE & 195th ST. N.W. COR
									SEE F.B. 1209-14
2	127 ~~162~~	005	428 5	154 100 54 70	162	729	463 5	189 136 53 71	
3	152	072	453 5	181 124 57 127	154	878	455 5	183 125 58 129	MATHER
4	145	984	446 5	173 117 56 183	143	805	444 5	172 114 58 187	
5	136	297	437 5	166 106 60 243	129	622	430 5	159 99 60 247	SUMMATION OF RUN B.M. 8-~~10~~ 10 TO B.M. 8-13
~~7~~ 6	182	988	483 5	209 155 54 297	240	792	541 5	265 216 49 296	TOTAL BACKSIGHTS + 1158.075 ✓
									TOTAL FORESIGHTS - 1316.988 ✓
~~8~~ 7	147	331	448 5	175 120 55 352	148	655	449 5	181 115 66 362	DIFF. IN ELEV. - 158.913 ✓
~~B.M. 8-13~~ 8	133	962	434 5	164 102 62 414	170	049	471 5	198 142 56 418	B.M. 8-13
B.M. 8-13								414	BLOOMFIELD AVE. & DEL AMO BLVD ℄ INT.
	1158	075 ✓			1316	988 ✓		832	SEE F.B. 3704-157

F.B. 3144 PG. 254

JOB NO. 0301.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER

INDEXED C. J. GALLI DATE

WEATHER SUNNY-HAZE INST. NO. 96716

TIME 11:30 TO 11:58 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-10 TO BM 8-8
BM 8-10									BM 8-10 (U.S.C.&G.S. F-779) (LEAVE)
1	141	967	442 5	165 117 48	152	793	453 5	176 128 48	Bloomfield & 195 III St. N.W. Cor.
									See FB 1209-14
2	148 ~~151~~	363 ~~843~~	449 ~~452~~ 5	174 122 52 100	151	843	452 5	178 124 54 162	BUSTRUM ~~WATHER~~
3	159	931	460 5	190 128 62 162	143	925	444 5	173 113 60 162	
4	162	187	463 5	188 135 53 215	127	347	428 5	155 99 56 218	
5	155	250	456 5	179 131 48 263	165	823	466 5	188 142 46 264	
6	180	329	481 5	197 163 34 297	197	103	498 5	215 179 36 300 297	
B.M. 8-8	948	027			938	834		597	B.M. 8-8 BLOOMFIELD AVE & SOUTH ST., N.W. COR. SEE F.B. 1209-12

SUMMATION OF RUN
B.M. 8-10 TO B.M. 8-8
TOTAL BACKSIGHTS + 948.027
TOTAL FORESIGHTS − 938834
DIFF. IN ELEV. + 9.193

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 7-20-65
INDEXED C. J. GALLI DATE
WEATHER OVERCAST INST. NO. 96716
TIME 9:22 TO ROD NO. 9-19
NOTES CHKD [illegible] DATE 9-13-65
F.B. 3744 PG. 255

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
408 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. 3744 PG. 256 JOB NO. 0301.02
SURVEY OF L.A.Co. PRECICE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER
INDEXED C. J. GALL DATE

WEATHER HAZY SUN INST. NO. 9616
TIME 1:55 TO 4:25 ROD NO. 9-19
NOTES CHKD. DATE OCT 13 '65

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 8-8 TO B.M. 8-10
B.M. 8-8									B.M. 8-8 (RD DEPT B.M. 176)
1	194	941	495 5	212 176 36	178	602	479 5	195 161 34	BLOOMFIELD AVE & SOUTH ST. N.W. COR.
									SEE F.B. 1209-12
2	159	165	460 5	182 136 46 82	142	523	443 5	166 118 48 82	
3	126	112	427 5	154 98 56 138	171	427	472 5	198 144 54 136	
4	143	100	444 5	173 113 60 198	153	753	454 5	184 122 62 198	
5	149	921	450 5	176 122 54 252	150	499	451 5	176 124 52 250	
6	156	813	457 5	180 132 48 300	142	251	443 5	166 118 48 298 ✓	
								300 ✓	LEANS N.E.
B.M. 8-10			✓					598 ✓	B.M. 8-10 (U.S.C.&G.S. F-779)
	930	052			939	055	✓		BLOOMFIELD AVE & 195th ST. N.W. COR

SUMMATION OF RUN
B.M. 8-8 TO B.M. 8-10
TOTAL BACKSIGHTS = 930.052 ✓
TOTAL FORESIGHTS = 939 055 ✓
DIFF. IN ELEV. = 9,003 ✓

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM8-8 TO BM8-7
BM 8-8									BM 8-8 (RD DEPT BM. 176)
1	190	203	491 5	200 ✓ 180 20	158	193	459 5	169 147 22	Bloomfield & South St.
								20	N.W. cor.
								42	See FB 1209-12
B.M. 8-7									B.M 8-7 (U.S.C & G.S. M 51 RESET)
									BLOOMFIELD AVE & SOUTH ST, N.E. cor
									SEE F.B. 1209-12
									SUMMATION OF RUN
									B.M. 8-8 TO B.M. 8-7
									TOTAL BACKSIGHTS + 190.203 ✓
									TOTAL FORESIGHTS - 158.193 ✓
									DIFF IN ELEV. + 32.010 ✓

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

SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO 96716

NOTES BY G.E. DREIER DATE 7-20-65 TIME 9:45 to 9:50 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD [signature] DATE OCT 13 '65

F.B. 3744 PG. 257

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 8-7 TO B.M. 8-8
B.M. 8-7									B.M. 8-7 (U.S.C.&G.S. M-51 RESET)
1	143	625	444 5	153 / 133 20	175	665	476 5	186 / 164 22	BLOOMFIELD AVE & SOUTH ST. N. E. COR.
									SEE F.B. 1209-12
B.M. 8-8								20 / 42	B.M. 8-8 (RD. DEPT B.M. 176)
									BLOOMFIELD AVE & SOUTH ST. N.W. COR
									SEE F.B 1209-12
									SUMMATION OF RUN
									B.M. 8-7 TO B.M. 8-8
									TOTAL BACKSIGHTS +143.625
									TOTAL FORESIGHTS -175 665
									DIFF IN ELEV. - 32.040

WEATHER HAZY SUN INST. NO. 96716

TIME 10:56 TO 11:00 ROD NO. 9-19

NOTES CHKD. [illegible] DATE OCT 13 '68

F.B. 3744 PG. 258 JOB NO. 0301.02

SURVEY OF

SURVEY BY NOTES

INDEXED [illegible] DATE

76P526 CE # 308 3-61

PLEASE RETURN TO
L ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 8-7 TO BM 8-6
BM 8-7									BM 8-7
1	145	663	446 5	171 119 52	163	298	464 5	189 137 52	Bloomfield & South St. N.E Con.
2	130	855	431 5	158 102 56 108	158	801	459 5	186 130 56 108	see FB 1209-12
3	143	413	444 5	170 116 54 162	158	742	459 5	185 131 54 162	⊼ BUSTRUM
4	141	863	442 5	170 112 58 220	151	995	452 5	180 122 58 220	
5	142	357	443 5	169 115 54 274	152	293	453 5	179 125 54 274	
6	162	143	463 5	193 130 63 337	158	609	459 5	188 128 60 334	
7	136	763	437 5	164 109 55 392	186	117	487 5	213 159 54 388	✓ ✓
B.M. 8-6			✓				✓	392	B.M. 8-6
	1003	057			1129	855		780	SOUTH ST. ½ MI. W. OF ~~CENTRALIA~~ CARMENITA SEE F.B. 1209-11

SUMMATION OF RUN
B.M. 8-7 TO B.M. 8-6
TOTAL BACKSIGHTS + 1003.057
TOTAL FORESIGHTS − 1129 855
DIFF IN ELEV. − 126.798

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 7-20-65 WEATHER OVERCAST INST. NO. 96716
NOTES BY G.E. DREIER DATE 7-20-65 TIME 9:56 TO 10:25 ROD NO. 9-19
INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 3744 Pg. 259

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 8-6 TO B.M. 8-7
B.M. 8-6									B.M 8-6
1	185	349	486 5	212 / 158 54	136	027	437 5	164 / 109 55	SOUTH ST. ½ M. W. OF CARMINETA
									SEE F.B. 1209-11
2	157	389	458 5	188 / 126 62 / 116	153	388	454 5	184 / 122 62 / 117	
									⊼ BUSTRUM
3	146	823	447 5	173 / 119 54 / 170	154	099	455 5	181 / 127 54 / 171	
4	162	279	463 5	191 / 133 58 / 228	145	279	446 5	174 / 116 58 / 229	
5	159	678	460 5	186 / 132 54 / 282	145	077	446 5	172 / 118 54 / 283	
6	177	253	478 5	205 / 149 56 / 338	148	278	449 5	177 / 119 58 / 341	
7	163	035	464 5	189 / 137 52 / 390	142	623	443 5	170 / 114 56 / 397	
B.M. 8-7								390	B.M. 8-7
	1151	806	✓		1024	771	✓	787	BLOOMFIELD AVE & SOUTH ST. N.E. COR
									SEE F.B. 1209-12

SUMMATION OF RUN
B.M. 8-6 TO B.M. 8-7
TOTAL BACKSIGHTS + 1151.806 ✓
TOTAL FORESIGHTS − 1024.771 ✓
DIFF IN ELEV. + 127.035 ✓

F.B. 3744 PG. 260 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER
INDEXED G. J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716
TIME 10:28 TO 10:55 ROD NO. 9-19
NOTES CHKD [signature] DATE OCT 13 '65

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible]NGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES
[illegible]HIS SHEET MUST BE MADE OR
C[illegible]LED IN RED INK, WITH DATE AND
NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER WEATHER OVER CAST INST. NO 96716
NOTES BY G. F. DREIER DATE 7-26-65 TIME 10:30 To 11:30 ROD NO 9-19
INDEXED C. J. GALLI DATE NOTES CHKD DATE OCT 13 '65

F.B. 3744 Pg 261

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-6 TO BM 8-5
BM 8-6									BM 8-6
1	183	075	484 5	206 160 46	152	557	453 5	175 130 45	South st. 0.50 Mi W. of Carmenita Rd. Ave
2	159	385	460 5	188 130 58 104	161	472	462 5	190 132 58 103	See FB 1209-11
3	169	046	470 5	199 139 60 164	150	770	451 5	178 122 56 159	π BAZEN
4	161	181	462 5	189 132 57	155	025	456 5	184 126 58	
5	167	061	468 5	193 141 52 273	149	108	450 5	182 116 66 283	217
6	156	731	457 5	184 128 56 329	150	426	451 5	179 121 58 341	
7	150	581	451 5	174 125 49 378	161	252	462 5	183 139 44 385	
8	144	428	445 5	166 122 44 422	204	897	505 5	223 185 38 423 422	✓ ✓
B.M. 8-5			✓				✓	845	B.M. 8-5 (Co. Bdry 19) (Art. C-5A) & South St. & Carmenita Ave. See F.B. 3704-147
	1291	482			1285	507			

SUMMATION OF RUN
B.M. 8-6 TO B.M. 8-5
TOTAL BACKSIGHTS + 1291.482 ✓
TOTAL FORESIGHTS - 1285.507 ✓
DIFF IN ELEV. + 5.975 ✓

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 8-5 TO B.M. 8-6
B.M. 8-5									B.M. 8-5 (CO. BDRY 19) (ART. G-5A)
1	201	848	502 5	222 180 42	151	630	452 5	172 130 42	SOUTH ST. & CARMENITA, ℄ INT.
									SEE F.B. 3704-147
2	179	880	480 5	202 156 46 88	154	670	455 5	177 131 46 88	
3	151	631	452 5	179 123 56 144	169	270	470 5	198 140 58 146	⊼ BAZEN
4	155	280	456 5	184 126 58 202	166	855	467 5	197 136 61 207	
5	154	717	455 5	183 125 58 260	161	099	462 5	189 132 57 264	
6	149	952	450 5	178 120 58 318	167	705	468 5	196 138 58 322	
7	159	125	460 5	188 130 58 376	154	844	455 5	182 126 56 378	
8	147	915	448 5	170 124 46 422	180	360	481 5	202 158 44 422 422	
B.M. 8-6	1300	348			1306	433		844	B.M. 8-6 SOUTH ST., 0.5 MI. W. OF CARMENITA SEE F.B. 1209-11
									SUMMATION OF RUN
									B.M. 8-5 TO B.M. 8-6 TOTAL BACKSIGHTS + 1300348 TOTAL FORESIGHTS - 1306.433 DIFF IN ELEV. - 6.085

WEATHER HAZY SUN INST. NO. 96716
TIME 11:30 TO 12:05 ROD NO. 9-19
NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 3744 PG. 262 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY G.E. DREIER NOTES G.E. DREIER
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER HAZY SUN INST. NO 26716
NOTES BY G.E. DREIER DATE 7-26-65 TIME 1:25 TO 1:50 ROD NO 7 & 19
INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 3144 Pg. 263

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-5 TO BM 8-4
BM 8-5									BM 8-5 (Artesia, G-5A)
1	209	780	510 5	232 186 46	118	168	419 5	141 95 46	South St. & Carmenita Ave
2	130	110	431 5	155 105 50 96	147	989	448 5	172 122 50 96	See FB 3704 - 147
3	163	069	464 5	186 140 46 142	126	166	427 5	149 103 46 142	↑ BAZEN
4	151	698	452 5	174 128 46 188	145	293	446 5	168 122 46 188	
5	168	560	469 5	192 144 48 236	133	164	434 5	157 109 48 236	
6	143	100	444 5	164 121 43 279	130	170	431 5	153 108 45 281	
7	142	362	443 5	164 119 45 324	131	032	432 5	154 108 46 327	
8	150	610	451 5	170 130 40 364	120	056	421 5	140 100 40 367	
9	160	185	461 5	179 141 38 402	136	940	437	153 119 34 401 ✓	
B.M. 8-4								402	B.M. 8-4
	1419	474	✓		1188	978	✓	803	CARMENITA AVE & 183rd ST.

SEE FB 1209-9

SUMMATION OF RUN
B.M. 8-5 TO B.M. 8-4
TOTAL BACKSIGHTS + 1419.474 ✓
TOTAL FORESIGHTS − 1188.978 ✓
DIFF IN ELEV. + 230.496

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403 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. 3744 PG. 264 JOB NO. 0301.02
SURVEY OF L.A.Co PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER
INDEXED G. J. GALLI DATE
LT. BR.
WEATHER Sunny INST. NO. 96226
TIME 3:23 3:45 ROD NO. 4-19
NOTES CHKD. [illegible] DATE OCT 13

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M.8-4 TO B.M.8-5
B.M.8-4						156	B.M.8-4 (ARTESIA G-5)
1	121 007	422 5	139 103 36	137 687	438 5	118 38	CARMENITA AVE & 183rd. ST
							SEE F.B. 1209-9
2	114 020	415 5	134 94 40 76	159 349	466 5	179 139 40 78	
3	128 652	429 5	151 105 46 122	129 814	430 5	151 106 45 123	↑ BAZEN
4	118 845	419 5	140 96 44 166	147 025	448 5	169 125 44 167	
5	124 572	425 5	148 100 48 214	130 170	431 5	154 106 48 215	
6	113 790	414 5	136 90 46 260	158 135	459 5	182 134 48 263	SUMMATION OF RUN B.M.8-4 TO B.M.8-5
7	142 368	443 5	166 119 47 307	124 820	425 5	147 101 46 309	TOTAL BACKSIGHTS + 1090.871 ✓ TOTAL FORESIGHTS - 1321.602 ✓
8	111 222	412 5	136 86 50 357	125 512	426 5	150 100 50 359	DIFF IN ELEVATION - 230.731 ✓
9	116 395	417 5	139 93 46 403	209 090	510 5	233 186 47 406 ✓	
B.M. 8-5						403	B.M. 8-5 (Co. Bdy 19) (ARTESIA G-5A) R.I.P.
	1090 871 ✓			1321 602 ✓		809	CARMENITA AVE & SOUTH ST.
							SEE F.B. 3704-147

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 8-4 TO BM 8-3
BM 8-4									BM 8-4 (Artesia G-5)
1	180	382	481 5	203 157 46	114	442	415 5	138 91 47	Carmineta Ave & 183rd St.
2	154	290	455 5	176 132 44	156	783	457 5	178 134 44	See FB 1209-9
3	166	469	467 5	189 141 48 90	125	387	426 5	148 102 46 91	⊼ DREIER
4	145	815	446 5	167 123 44 138	152	378	453 5	174 130 44 137	
5	163	481	464 5	186 140 46 182	128	239	429 5	151 105 46 181	
6	159	327	460 5	182 136 46 228	153	519	454 5	174 132 42 227	SUMMATION OF RUN B.M. 8-4 TO B.M. 8-3
7	178	089	479 5	198 158 40 274	111	665	412 5	134 88 46 269	TOTAL BACKSIGHTS + 1474.000 ✓
8	160	802	461 5	182 138 44 314	147	364	448 5	170 124 46 315	TOTAL FORESIGHTS - 1224.359 ✓
9	165	345	466 5	190 140 50 368	134	582	435 5	157 111 46 ~~369~~ 361	DIFF IN ELEV. + 249.641 ✓
				408				407 ✓ 408 ✓ 815	
B.M. 8-3	1474	000 ✓			1224	359 ✓			B.M. 8-3 (Artesia G-4) CARMENITA AVE & ARTESIA BLVD. SEE F.B. 1209-8

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 7-26-65 WEATHER HAZY SUN INST. NO. 96716
NOTES BY Bazen TIME 2:00 TO 2:45 ROD NO. 9-19
INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE OCT 13 '65

F.B. 3744 Pg. 265

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 8-3 TO B.M. 8-4
B.M. 8-3									B.M. 8-3 (Artesia G-4)
1	138	791	439 5	162 / 114 48	146	261	447 5	170 / 122 52	Carmineta ave. & Artesia blvd.
2	125	732	426 5	149 / 101 48	194	758	495 5	215 / 173 42	
3	148	582	449 5	96 / 170 / 126 44	158	369	459 5	94 / 179 / 137 42	⊼ DREIER
4	125	197	426 5	140 / 146 / 104 42	178	686	479 5	136 / 201 / 154 47	
5	151	710	452 5	182 / 173 / 129 44	145	052	446 5	183 / 168 / 121 47	
6	126	400	427 5	226 / 149 / 103 46	166	265 ~~275~~	467 5	230 / 186 / 146 40	SUMMATION OF RUN
7	153	535	454 5	272 / 176 / 130 46	132	643	433 5	270 / 154 / 109 45	B.M. 8-3 TO B.M. 8-4
8	117	537	419 5	318 / 140 / 95 45	155 ~~154~~	036	456 5	315 / 177 / 133 44	TOTAL BACKSIGHTS + 1205.363 ✓
9	117	879	418 5	363 / 140 / 94 46	177	832	478 5	359 / 201 / 153 48	TOTAL FORESIGHTS − 1454.902 ✓
				409				407 ✓	DIFF. IN − 249.539 ✓
								409 ✓	
B.M. 8-4								816 ✓	B.M. 8-4 (Artesia G-5)
	1205	363 ✓			1454	902 ✓			CARMINETA AVE & 183rd. ST
									SEE F.B. 1209-9

F.B. 3744 PG. 266 JOB NO. 0307.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES Bazen

INDEXED C. J. GALL DATE

WEATHER SUNNY INST. NO. 96716

TIME 2:45 TO 3:20 ROD NO. 9-19

NOTES CHKD [illegible] DATE OCT 13 '65

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible]ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 96716
NOTES BY G.E.D. DATE 7-27-65 TIME 8:23 TO 2:00 ROD NO 9-19
INDEXED C. J. GALL DATE NOTES CHKD [illegible] DATE OCT 13 '65

F.B. 3744 PG. 267

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-3 TO BM 8-2
BM 8-3									BM 8-3 (Artesia G-4), Cosmineta Ave & Artesia Blvd. See FB 1209-8
1	167	317	468	5	139	548	440	5	
				188 146 42				160 118 42
2	146	611	447	5	160	103	461	5	
				170 122 48 90				186 135 50 92
3	152	893	453	5	152	387	453	5	TT Bustrum
				177 127 50 140				178 126 52 144
4	135	129	436	5	154	857	455	5	
				160 110 50 190				179 129 50 194
5	145	439	446	5	164	871	465	5	
				171 119 52 242				191 137 54 248
6	159	743	460	5	174	552	475	5	
				185 133 52 294				196 152 44 292
7	155	895	456	5	154	731	455	5	
				179 131 48 342				178 130 48 340
8	151	383	452	5	196	563	497	5	
				176 126 50 392				221 171 50 390
BM 8-2									392 BM 8-2 Artesia Blvd., 100± W. of Marquardt Ave See F.B. 1209-7
	1214	410	✓		1297	602	✓		782

Summation of Run
BM 8-3 to BM 8-2 ✓
Total Backsights + 1214.410 ✓
Total Foresights − 1297.602 ✓
Diff in Elev. − 83.192

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 8-2 TO B.M. 8-3
B.M. 8-2									B.M. 8-2 Artesia blvd.
1	196	865	497 5	221 / 171 50	147	638	448 5	172 / 122 50	100 ft. w.± of Marquart Ave.
									SEE F.B. 1209-7
2	146	743	447 5	171 / 121 50	154	591	455 5	178 / 130 48	
								98	⊼ BUSTRUM
3	170	518	471 5	194 / 146 48	143	015	444 5	168 / 117 51	
				148				149	
4	153	575	454 5	178 / 128 50	150	551	451 5	176 / 124 52	
				198				201	
5	160	503	461 5	186 / 134 52	136	283	437 5	160 / 112 48	
				250				249	
6	147	693	448 5	172 / 122 50	148	457	449 5	173 / 123 50	
				300				299	
7	158	268	459 5	182 / 134 48	142	743	443 5	166 / 118 48	
				348				347	
8	127	855	428 5	148 / 106 42	155	297	456 5	176 / 134 42	
				390				389	
B.M. 8-3								390	B.M. 8-3 (ARTESIA G-4)
	1262	020			1178	575		779	ARTESIA BLVD. & CARMENITA
									SEE F.B. 1209-8
									SUMMATION OF RUN
									B.M. 8-2 TO B.M. 8-3
									TOTAL BACKSIGHTS + 1262.020
									TOTAL FORESIGHTS - 1178.575
									DIFF IN ELEV. + 83.445

F.B. 3744 PG. 268 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES BAZEN

INDEXED G. J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 2:25 / 03:00 ROD NO. 9-19

NOTES CHKD [signature] DATE OCT 13 '8[illegible]

76P526 CE # 308 3-61

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403 Los Angeles County Engineering Bldg.

[illegible]E: ANY ADDITIONS OR CHANGES
[illegible]HIS SHEET MUST BE MADE OR
C[illegible]LED IN RED INK, WITH DATE AND
NAME OF PERSON MAKING CHANGE

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 26716
NOTES BY G.E. DREIER DATE 7-27-65 TIME 9102 To 9:30 ROD NO. 9 & 12
INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE OCT 13 '65
F.B. 3744 Pg. 269

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM BM 8-2 TO BM 8-2A
BM 8-2											BM 8-2 Artesia Blvd 800 FT ± W. of Marquardt Ave See FB 1269-1
1	168	649	469	5	193 142 51	140	239	441	5	165 115 50	
2	120	981	421	5	144 96 48 99	161	849	462	5	185 137 48 98	
3	142	382	443	5	166 118 48 147	154	675	455	5	178 130 48 146	⊼ Bustrum
4	191	118	492	5	215 167 48 195	44	165	345	5	68 20 48 194	
5	188	733	489	5	201 175 26 221	83	309	384	5	96 70 26 220	
~~B.M. 8-2A~~ 6	160	865	461		177 144 33 254	157	392 9	458	5	171 143 28 248 254	~~B.M. 8-2A~~ (Corps of Engrs CC-3½) Artesia Blvd & Cyotoe C.R. S.W. Cor See F.B. 2828-15 B.M. 8-2A
B.M. 8-2A	972	728	✓			741	629	✓		502	

SUMMATION OF RUN
B.M. 8-2 TO B.M. 8-2A
TOTAL BACKSIGHTS + 972.728 ✓
TOTAL FORESIGHTS − 741.629 ✓
DIFF IN ELEV. + 231.099 ✓

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.8-2A TO B.M.8-2
B.M.8-2A									B.M 8-2A CORPS OF ENGRS CC 34
1	158	578	459 5	172 / 144 28	162	160	463 5	178 / 146 32	ARTESIA BLVD. & COYOTE CR. N.E. COR
T.P. CORPS OF ENGR CC-33									SEE F.B.
2	88	331	389 5	101 / 75 26	194	187	495 5	208 / 180 28	
				54				60	
3	43	665	344 5	67 / 19 48	189	713	490 5	213 / 165 48	⊼ BUSTRUM
				102				108	
4	152	893	453 5	177 / 127 50	141	525	442 5	164 / 118 46	
				152				154	
5	169	513	470 5	193 / 145 48	128	989	429 5	152 / 104 48	
				200				202	
6	144	873	445 5	170 / 118 52	172	229	473 5	196 / 148 48	
				252				250 ✓	
B.M.8-2								252	B.M.8-2
	757	853 ✓			988	803 ✓		502	ARTESIA BLVD. & 100 FT. W. of MARQUARDT AVE
									SEE F.B. 1209-7

SUMMATION OF RUN
B.M. 8-2A TO B.M. 8-2
TOTAL BACKSIGHTS + 757.853 ✓
TOTAL FORESIGHTS − 988.803 ✓
DIFF IN ELEV. − 230.950 ✓

F.B. 3144 PG. 270 JOB NO. 0302.02
SURVEY OF A.L.
SURVEY BY DREIER NOTES BLEN
INDEXED C. J. GALLI DATE

WEATHER INST. NO. 96716
TIME 2:00 TO 2:25 ROD NO. 9-19
NOTES CHKD. [illegible] DATE OCT 13 '65

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible]NGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES
[illegible]HIS SHEET MUST BE MADE OR
[illegible]LED IN RED INK, WITH DATE AND
NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 26716
NOTES BY G.E. DREIER DATE 7-27-65 TIME 9:30 TO 10:00 ROD NO. 9 & 19
INDEXED C.J. GALLE DATE NOTES CHKD DATE

F.B. 3744 PG. 271

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA		RIGHT	MIC.	LEFT	STADIA		FROM ~~BM 8-2A~~ TO BM 8-1
~~BM 8-2A~~	CORPS OF ENGRS CC 33										~~BM 8-2A~~ CORPS OF ENGR. CC-33
1	122	861	423	5	153 91 62	220	860	521	5	250 190 60	Artesia Blvd & north Fork of Coyote Creek
2	34	165	335	5	55 13 42 104	227	625	528	5	248 206 42 102	~~See FB 2828-15~~ S.W. COR BRIDGE
3	142	938	443	5	164 120 44 148	124	274	425	5	146 102 44 146	↑ MATHER
4	170	229	471	5	203 137 66 214	149	642	450	5	182 116 66 212 214	
BM. 8-1											B.M. 8-1 ARTESIA BLVD & VALLEY VIEW AVE. SEE F.B. 1209-6
							401				

SEE PAGE 273
CORPS OF ENGRS. U.S. ARMY
B.M. CC 33 MISTAKEN FOR
CC-34, BM. 8-2A

SUMMATION OF RUN
B.M. 8-2A TO B.M. 8-1
TOTAL BACKSIGHTS
TOTAL FORESIGHTS
DIFF. IN ELEV.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 8-1 TO B.M. 8-2A
B.M. 8-1									B.M. 8-1 ~~ARTESIA~~ VALLEY VIEW AVE ~~CARMENITA~~ & ARTESIA BLVD. ℄ INT
1	149	104	450 5	182 116 66	174	104	475 5	207 141 66	SEE F.B. 1209-6
2	132	991	433 5	154 110 44 110	150	413	451 5	172 128 44 110	⊼ MATHER
3	230	315	531 5	251 208 43 153	48	678	349 5	69 27 42 152	
4	206	190	507 5	221 191 30 183	89	679	390 5	106 73 33 185	
B.M. 8-2A								~~191~~ 183	B.M. 8-2A (CORPS OF ENGRS CC-34)
	718	600			462	874		~~376~~ 368	ARTESIA BLVD. & COYOTE CR. N.E. COR. SEE F.B. 2828-15

SUMMATION OF RUN
B.M. 8-1 TO B.M. 8-2A
TOTAL BACKSIGHTS + 718.600
TOTAL FORESIGHTS - 462.874
DIFF IN ELEV. +255.726

F.B. 3744 PG. 272 JOB NO. 0301.02
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER
INDEXED C. J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716
TIME 11:42 TO 2:05 ROD NO. 9-19
NOTES CHKD. [signature] DATE 11-13-65

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 8-2A TO B.M. 8-1
B.M. 8-2A									B.M. 8-2A (CORPS OF ENGR. CC 34)
1	93	815	394 5	109 77 32	195	420	496 5	211 179 32	ARTESIA BLVD & COYOTE CR. N.E. COR
									SEE F.B. 2828-15
2	36	666	337 5	57 15 42 74	233	437	534 5	254 211 43 75	⊼ MATHER
3	150	987	451 5	172 128 44 118	132	891	433 5	154 110 44 189	
4	174	047	475 5	207 141 66 184	149	519	450 5	182 116 66 185	
B.M. 8-1								184	B.M. 8-1
	455	515			711	267		369	VALLY VIEW. & ARTESIA ℄
									F.B. 1209-6

SUMMATION OF RUN
B.M. 8-2A TO B.M 8-1
TOTAL BACKSIGHTS + 455.515
TOTAL FORESIGHTS − 711.267
DIFF IN ELEV. − 255.752

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 2-27-65
INDEXED C. J. GALLY DATE
WEATHER HAZY SUN INST. NO. 96716
TIME 1:28 TO 1:48 ROD NO. 9819
NOTES CHKD. [illegible] DATE OCT 13 '65

F.B. 3744 PG. 273

F.B. 3744 Pg. 274 JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 96716
NOTES BY G.E. DREIER DATE 7-27-65 TIME 10:00 TO 11:35 ROD NO. 9-19
INDEXED L.J. GALLI DATE NOTES CHKD DATE 11/13/65
F.B. 3744 Pg. 275

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM8-1 TO BM1-1
BM8-1									BM8-1
1	180	723	481 5	206 52 154 52	149	012	450 5	175 123 52	Artesia & Valley View
2	174	495	475 5	199 149 50 102	141	625	442 5	164 118 46 98	See FB 1209-6
3	143	369	444 5	168 118 50 152	143	600	444 5	168 118 50 148	T MATHER
4	165	132	466 5	191 140 51 203	156	036	457 5	181 131 50 198	
5	167	245	468 5	189 145 44 247	146	919	447 5	167 125 42 240	
6	158	280	459 5	182 134 48 295	145	459	446 5	171 119 52 292	
7	163	775	464 5	187 139 48 343	155	687	456 5	178 132 46 338	SUMMATION OF RUN
8	169	010	470 5	193 145 48 391	157	228	458 5	182 132 50 388	BM. 8-1 TO B.M. 1-1 TOTAL BACKSIGHTS + 1872.030 ✓ TOTAL FORESIGHTS - 1672.798 ✓
9	162	188	463 5	186 138 48 439	164	620	465 5	188 140 48 436	DIFF IN ELEV. + 199.232 ✓
10	169	126	470 5	190 148 42 481	147	242	448 5	170 124 46 482	
11	218	687	519 5	233 203 30 511	165	370	466 5	181 149 32 514 ✓	
B.M.1-1			✓					511 1025	B.M. 1-1 (U.S.C.G.S. VALLEY VIEW & RR. So. of Frwy SEE F.B. 1202-6
	1872 030				1672798		✓		

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INST. NO. 96716 ROD NO. 9 & 19 DATE OCT 13 '65
WEATHER CLEAR TIME 10:55 TO 11:40 NOTES CHKD. DATE

F.B. 3744 PG. 276 JOB NO. 0301.02
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER
INDEXED C. J. WELLS DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 1-1 TO B.M. 8-1
B.M. 1-1							B.M. 1-1 (U.S.C.&G.S. T-33
1	169 430	470 5	184 154 30	222 808	5235	237 207 30	VALLEY VIEW & CARMENITA & R.R. S. OF FRWY
							SEE F.B. 1202-6
2	155 622	456 5	178 132 46 76	160 993	461 5	182 138 44 74	
3	151 656	452 5	175 127 48 124	163 417	464 5	187 139 48 122	⊼ MATHER
4	154 259	455 5	178 130 48 172	160 989	461 5	185 135 50 172	
5	147 212	448 5	170 123 47 219	162 850	463 5	185 138 47 219	
6	146 235	447 5	171 121 50 269	151 946	452 5	176 126 50 269	
7	141 018	442 5	162 120 42 311	156 861	457 5	178 134 44 313	SUMMATION OF RUN B.M. 1-1 TO B.M. 8-1
8	145 679	446 5	170 119 51 362	162 068	463 5	188 136 52 365	TOTAL BACKSIGHTS + 1652.914 ✓ TOTAL FORESIGHTS − 1852.504 ✓
9	141 100	442 5	166 116 50 412	155 831	456 5	180 130 50 415	DIFF. IN ELEV. − 199.590 ✓
10	151 700	452 5	175 128 47 459	172 959	473 5	196 148 48 463	
11	149 003	450 5	175 124 51 510 ✓	181 782	482 5	207 155 52 515 510	✓
B.M. 8-1	1652 914	✓		1852 504	✓	1025	B.M. 8-1 VALLEY VIEW & CARMENITA & ARTESIA & INT. SEE F.B. 1209-6

76P526 CE # 308 3-61

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

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

SURVEY BY WEATHER INST. NO.

NOTES BY DATE TIME ROD NO.

INDEXED DATE NOTES CHKD DATE

F.B. Pg.

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

3744

F.B. PG.

JOB NO.

SURVEY OF

SURVEY BY

NOTES

INDEXED

DATE

WEATHER

TIME

NOTES CHKD

INST. NO.

ROD NO.

DATE