Notes Ch'd by
Office Work

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

F.B. 2829 PG

L.A.Co. PREC[illegible]E [illegible]
J.N. 0301.0[illegible]
BOOK INDEX

LINE No. 47 1960 LEVELING PAGE 5 TO 48

LINE NO. 4 1960 RE[illegible]LING PAG[illegible]61 TO 136

LINE NO 4 (PAR[illegible]) 1971 RELE[illegible]NG [illegible]41 TO 178

2820

LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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F.B. _____ PG _____

Notes Ck'd by

Work

L. A. CO. PRECISE LEVEL NET

Survey of

JN 0301.02 Tape Std °F

Surveyed by A.C. GUIZADO

Notes ACG Date Aug '60

Indexed [illegible] SEP 1 6 '60

F. B. 2829 PG. 5

L. A. CO. PRECISE LEVEL NET

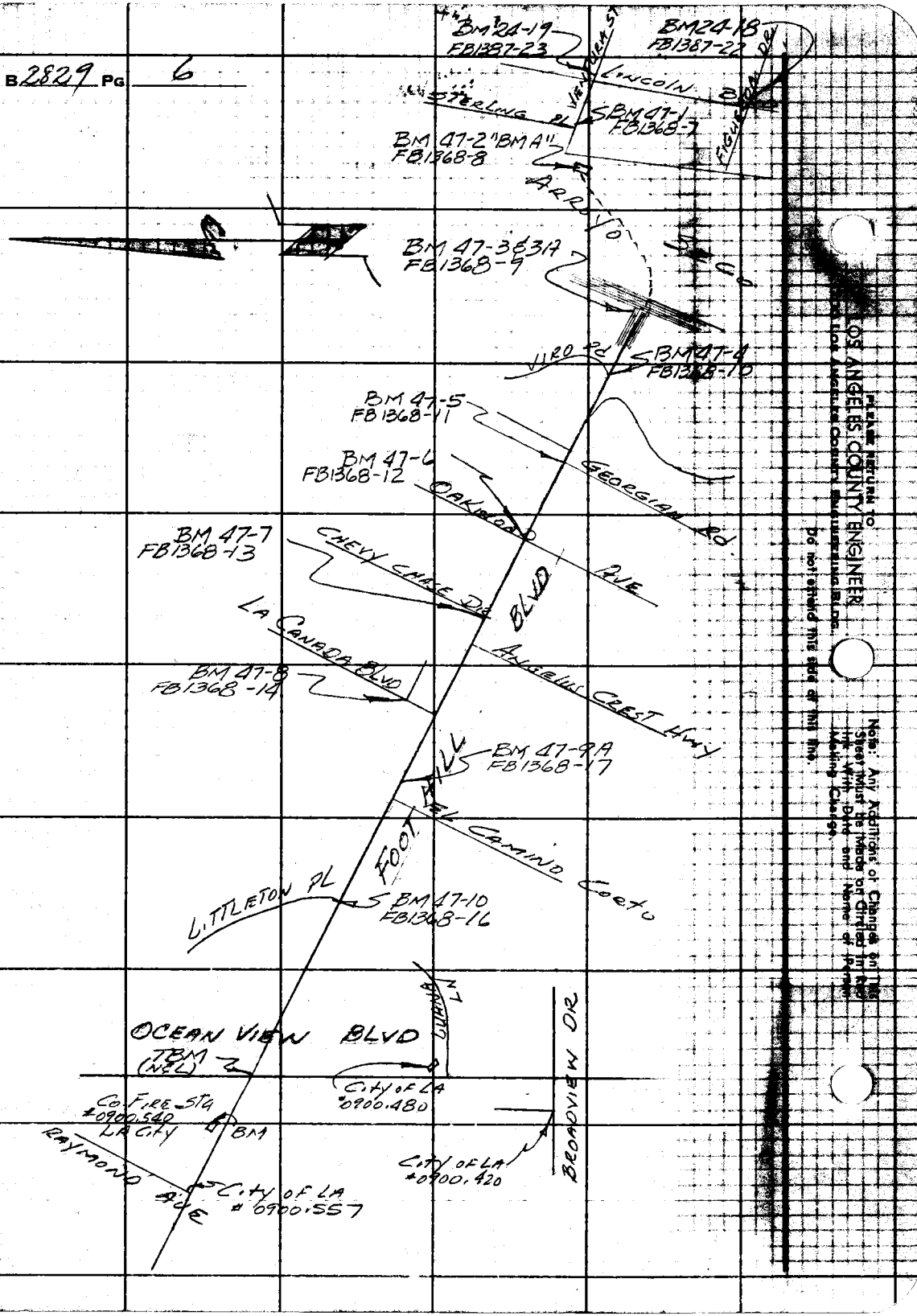
LINE NO 47

JN 0301.02

NTURA ST, FROM LINCOLN BLVD TO
ROYO SECO, & MICHIGAN AVE & FOOTHILL
LVD, FROM ARROYO SECO TO RAYMOND
VE — FOOTHILL & OCEANVIEW BLVD,
T/Y ALONG OCEANVIEW BLVD TO
ROADVIEW DR & TIE TO LA CITY MONUMENT.

GUIZADO	AC
GOBLE	AL
GLIDDEN	RD
LYBRAND	JW
BROWN	D.L.
FRONK	HE
MASSEY	R
MOORE	RA

F. B 2829 PG 6



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76P526B CE # 306 8-59

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

SURVEY BY C.S. YOUNG NOTES BY H.E. OTT DATE 8-5-60 DATE 8-16-60 TIME 7:10 to 10:15 WEATHER OVERCAST INST. NO. 2 ROD NO. 2 INDEXED DATE NOTES CHKD. JCW DATE 11-20-60 F.B. 2829 PG 7

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS From B.M. 24-18 To B.M. 47-1
B.M. # 24-18													B.M. 24-18
1.	296	605	597	5	½ 296 273	46	009	241	310	5	½ 52 7	46	LINCOLN BLVD & FIGUEROA DR.
													SEE FB 1387-22
2.	297	088	598	5	½ 297 211	46	003	408	304	5	½ 23 3	40	
3.	289	792	590	5	½ 289 270 9	36	013	633	314	5	½ 31 13	36	
4.	261	011	562	5	277 245	32	009	771	310	5	½ 30 9	42	
5.	270	852	571	5	288 253	35	036	451	337	5	53 20	33	↑ A.L. SOBLE. WITH NO-15621
6.	196	633	497	5	201 191	10	125	088	426	5	131 120	11	
TOTAL	1611	936				207	197	592				208 207 415	METERS
	197	592											
DIFF/ELEV	414	394											
B.M. 24-19													BM 24-19
1.	197	688	495	5	220 174	46	142	039	443	5	165 119	46	LINCOLN BLVD & VENTURA
													SEE FB 1387-23
2.	147	540	223	5	159 121	46	189	052	491	5	211 165	46	
3.	121	608	422	5	144 98	46	199	813	500	5	222 176	46	
4.	136	368	437	5	157 113	46	179	378	483	5	203 156	46	
5.	136	022	437	5	159 113	46	180	764	481	5	203 157	46	
SUB TOTAL	739	526					890	046					

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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 24-18 TO BM 47-1
SUB. TOTAL.	739	326			890	046			
6.	136	742	437 5	159 113 46	178	282	479 5	201 155 46	
7.	092	897	393 5	115 69 46	210	765	511 5	233 187 46	
8.	133	139	434 5	156 110 46	179	462	480 5	202 156 46	
9.	143	775	444 5	166 120 46	170	268	471 5	193 147 46	
10.	147	685	448 5	162 133 29	163	490	464 5	177 148 29	
11.	170	975	471 5	172 169 3	135	676	436 5	136 133 3	
TOTAL.	1564	539		446	1927	989		446	
					1564	539		446	
					363	450		892	METERS
DIFF/ELEV. B. M. AE 497									
1.	154	644	455 5	157 152 5	154	334	455 5	157 152 5	B.M. AE 497 VENTURA ST & STERLING PL NE COR Bt SPK IN CB - SEE FB 1368-7
	154	334							
DIFF/ELEV.	000	315							
B. M. 51									
1.	157	202	458 5	158 155 3	176	521	477 5	177 174 3	B.M. 51 VENTURA ST & STERLING PL NW COR Bt SPK IN CB. SEE FB 1368-7
				661	157	202		662	
DIFF/ELEV.					19	319		661	
BM 47-1								1323	TOTAL METERS
									BM 47-1 VENTURA ST & STERLING PL SEE FB 1368-7

WEATHER Light over cast INST. NO. 75234

TIME 9:10 to 10:15 ROD NO. 95 & 96

NOTES CHKD. J.C.M. DATE 10-20-60

JOB NO. 0301.02

L. A. CO. PRECISE LEVEL NET

NOTES CGV

DATE

SURVEY OF

SURVEY BY ACG

INDEXED H. E. OTT

P.B. 2829 Pg. 8

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 47-1 TO BM 24-18
B.M. 47-1													BM 47-1
1.	177	394	478	5	178 / 175	3	158	102	459	5	159 / 156	3	VENTURA St & STERLING PL
	158	102											SEE FB 1368-7
DIFF/ELEV.	19	292											
B.M. 51													B.M. 51
1.	158	040	459	5	161 / 156	5	158	328	459	5	161 / 156	5	VENTURA St & STERLING PL NW cor
							158	040					Bt spk in cb. SEE FB 1368-7
DIFF/ELEV.							000	288					
B.M. AE497													
1.	137	088	438	5	139 / 136	3	172	332	473	5	173 / 170	3	BM AE 497
													VENTURA St & STERLING PL
2.	161	962	462	5	175 / 146	29	148	569	449	5	162 / 133	29	Bt spk in cb - SEE FB 1368-7
3.	169	855	470	5	192 / 146	46	138	928	439	5	161 / 115	46	
4.	177	700	478	5	200 / 154	46	130	347	431	5	153 / 107	46	
5	202	311	503	5	225 / 179	46	088	020	389	5	111 / 65	46	
6.	180	933	481	5	203 / 157	46	139	358	440	5	162 / 116	46	
7	183	782	484	5	206 / 160	46	138	602	439	5	161 / 115	46	
8.	178	501	479	5	201 / 155	46	136	987	437	5	159 / 113	46	
9.	200	127	501	5	223 / 177	46	120	027	421	5	143 / 97	46	
SUB. TOTAL	1592	264					1213	170					

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

SURVEY BY L.A. CO. PRECISE LEVEL NET A.C. Guizado WEATHER OVERCAST INST. NO. 3238

NOTES BY CGV DATE 8-26-60 TIME 10:15-11:20 ROD NO. 2526

INDEXED H.E. OTT DATE NOTES CHKD [illegible] DATE 10-2-60

F.B. 2829 PG. 9

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700 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 47-1 TO BM 24-18
SUB. TOTAL	1592	264					1213	170					
10.	185	162	486	5	208 / 162	46	145	240	446	5	168 / 122	46	
11.	141	961	442	5	164 / 118	46	197	419	495	5	220 / 174	46	
TOTAL	1919	387				446	1555	829				446	
	1555	829										446	
DIFF/ELEV.	363	558										892	meters
B.M. 24-19													BM 24-19
1	125	363	426	5	131 / 120	11	197	584	498	5	203 / 193	11	LINCOLN BLVD & VENTURA ST
2.	033	029	339	5	55 / 21	34	272	868	573	5	289 / 255	34	SEE FB 1387-23
3.	031	236	332	5	49 / 12	37	281	958	582	5	300 / 263	37	
4.	031	358	332	5	48 / 14	34	280	368	581	5	297 / 263	34	
5.	006	723	307	5	29½ / 6	46	301	515	602	5	½ 301 / 279	44	
6.	003	348	304	5	½ 26 / 3	46	288	873	589	5	½ 288 / 265	46	
7	187	460	488	5	193 / 180	13	214	835	515	5	221 / 208	13	
TOTAL	423	532				221	1837 / 8	~~998~~ 009				219	
							423	532				221	
DIFF/ELEV							1414	~~466~~ 9				440	
BM 24-18													BM 24-18
													LINCOLN BLVD & FIGUEROA DR
													SEE FB 1387-22

F.B. 2829 PG. 10

JOB NO. 030102

SURVEY OF A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES CGV

INDEXED H. E. OTT DATE

WEATHER OVERCAST INST. NO. 75234

TIME 10:15-11:30 ROD NO. 25896

NOTES CHKD JCM DATE 10-20-60

76P5268 CE # 308 8-59

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

SURVEY BY L. A. CO. PRECISE LEVEL NET A. C. GUIZADO WEATHER Clear & Sunny INST. NO. [illegible]

NOTES BY C. G. VALDEZ DATE 8-26-60 TIME ROD NO. [illegible]

INDEXED H. E. OTT DATE NOTES CHKD. [illegible] DATE 10-20-60

F.B. 2829 PG. 11

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 47-1 TO B.M. 47-2
B.M. #47-1													B.M. 47-1
1.	091	655	392	5	108 74	34	289	568	590	5	1/2 289 273	32	VENTURA ST & STERLING EL
													SEE FB 1368-7
2.	003	387	304	5	1/2 8 3	10	283	858	584	5	289 278	11	
3.	023	812	324	5	29 18	11	280	228	581	5	285 274	11	
													⊼ A-L GOBLE
4.	014	109	315	5	16 11	5	300	402	601	5	1/2 300 298	4	
5.	010	602	311	5	12 8	4	285	015	586	5	287 283	4	
6.	022	060	323	5	24 20	4	289	533	590	5	291 287	4	
7.	001	445	308	5	9 5	4	288	192	589	5	290 286	4	
8.	010	150	311	5	12 8	4	300	767	601	5	302 297	5	
9.	017	449	318	5	20 15	5	277	928	578	5	280 275	5	
10	018	243	319	5	21 15	6	279	928	580	5	282 277	5	F.C. MON.
11	010	063	311	5	14 6	8	275	659	576	5	279 270	9	
12.	028	782	329	5	36 20	16	091	952	—		100 82	18	
TOTAL.	257	757				110 111	3243	030				112 110	
							257	757			METER	222 3	BM 47-2
DIFF. ELEV. B.M. 47-2							2985	273					E. SIDE OF ARROYO SECO WASH
													SEE FB 1368-8

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WEATHER Clear Sun. INST. NO. 115 3334

TIME _____ ROD NO. 75 271

NOTES CHKD. J.C.M. DATE 10-2-60

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 47-2 TO B.M. 47-1
B.M. 47-2													BM 47-2
1.	090	159	—		99 81	18	027	125	328	5	35 18	17	E SIDE ARROYO SECO WASH
2.	283	765	584	5	287 278	9	018	214	319	5	21 14	7	SEE FB 1368-8
3.	300	989	601	5	300 297	6	039	324	340	5	42 36	6	
4.	280	908	581	5	283 278	5	020	423	321	5	22 18	4	
5	299	590	600	5	301 296	5	003	163	309	5	11 6	5	
6.	288	413	587	5	289 286	3	007	629	308	5	9 5	4	
7.	295	222	596	5	297 293	4	027	825	328	5	29 25	4	
8.	278	372	579	5	280 276	4	004	030	305	5	6 ½ 2	4	
9.	300	511	601	5	½ 300 298	4	014	128	315	5	16 11	5	
10.	278	188	579	5	283 273	10	021	818	322	5	26 16	10	
11.	285	007	586	5	290 280	10	004	503	305	5	9 ½ 2	10	
12.	293	509	594	5	½ 293 277	32	095	633	396	5	112 78	34	
TOTAL	3274	6366					289	640					
	289	640				110						110	BM 47-1
DIFF/ELEV.	2984	9960										220	VENTURA ST & STERLING AL
B.M. 47-1													SEE FB 1368-7

FB. 28279 Pg. 12 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ACC NOTES GV

INDEXED H.E. OTT DATE

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 47-2 TO BM 47-3A
BM 47-2													BM 47-2 (BM "A")
1	002	076	—	5	17 2 V2	30	161	386	462	5	176 146	30	E SIDE OF ARROYO SECO WASH
													SEE FB 1368-8
2	110	901	411	5	128 92	36	279	847	580	5	296 261	35	
3	020	199	321	5	40 20 V2	40	240	410	541	5	263 219	41	
4	063	638	364	5	94 33	61	248	331	549	5	278 218	60	
5	041	548	342	5	64 18	46	171	779	472	5	194 148	46	
													⊼ R.O GLIDDEN
6	164	760	405	5	182 [illegible]	36	159	724	460	5	177 141	36	
7	130	923	431	5	156 104	52	259	389	560	5	286 232	54	
8	161	395	462	5	184 137	47	005	615	306	5	28 5 X	46	
9	262	993	563	5	268 255	13	032	519	333	5	38 26	12	
TOTAL	958	433	CM			361	1559	600	CM			360	
							958	433				361	
												721	
DIFF. ELEV							601	167	CM				
BM 47-3													BM 47-3
1	111	985	412	5	113 109	4	108	332	409	5	110 106	4	OAK GROVE PK & W SIDE ARROYO SECO WASH
	108	332				365						364	SEE FB 1368-9
												365	
DIFF / ELEV	3	653	CM									729	TOTAL METERS
BM 47-3A													BM 47-3A Lg. Bt. SPK
													W SIDE ARROYO SECO & E. SIDE OAK GROVE PARK — SEE FB 1368-9

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

SURVEY BY A C GUIZADO WEATHER WARM & CLEAR INST. NO. 75234 F.B. 2829 Pg. 13

NOTES BY A.L.G. DATE 8-29-60 TIME 9.55 TO 10.40 ROD NO. 95 & 96

INDEXED H. E. OTT DATE NOTES CHKD. [illegible] DATE 10-24-60

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WEATHER WARM & CLEAR INST. NO. N3 75234
TIME 9:00 To 555 ROD NO. 356 3E
NOTES CHKD. 1/2 M DATE 10-20-60

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left		BACKSIGHT Stadia		FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left		FORESIGHT Stadia		DESCRIPTION AND REMARKS
													FROM BM 47-3A TO BM 47-2
BM 47-3A													BM 47-3A Lg. Bt. spk
1	107	310	408	5	109 108	+	110	377	411	5	112 108	4	W. side Arroyo Seco, E. side Oak Grove Park See FB 1368-9
							107	310					
Diff in Elev							3	667	CM				
BM 47-3													BM 47-3
1	024	441	325	5	30 18	12	254	924	555	5	260 248	12	Oak Grove Pk & W. side Arroyo Seco Wash See FB 1368-9
2	009	208	310	5	33 9 X 2	48	165	012	466	5	189 141	48	
3	258	211	559	5	284 231	53	129	814	430	5	155 102	53	
4	160	238	461	5	177 142	35	165	309	466	5	183 147	36	
5	170	302	471	5	193 147	46	040	028	341	5	63 17	46	⊼ R. D GLIDDEN
6	247	580	548	5	277 216	61	062	848	363	5	92 32	60	
7	239	365	540	5	259 218	41	018	917	319	5	39 18 X 2	42	
8	282	240	583	5	300 264	36	113	632	414	5	131 95	36	
9	161	771	462	5	176 146	30	001	864	—	5	16 X 2 1	30	
TOTAL	1553	3156	CM			362	952	368	CM			363	
	952	368										362	
Diff in Elev	~~601~~	~~988~~	CM									725	
BM 47-2	600	988											BM 47-2 E. side Arroyo Seco Wash See FB 1361-8

F.B. 3829 Pg. 14 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES A.L.G.

INDEXED H.E.O.M. DATE

76P526B CE # 306 6-59

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

SURVEY BY A. C. GUIZADO WEATHER CLEAR & WARM

NOTES BY A. L. G. DATE 8-29-60 TIME 1:05 TO 1:40 INST. NO. 75334

INDEXED H. E. OR DATE NOTES CHKD. JCM DATE 1-12-62 ROD NO. 5 5845

F.B. 2829 PG. 15

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM 47-3A To BM 47-4
BM 47-3A	194	787	495	5	216 / 172	44	092	965	393	5	63	43	BM 47-3A LG B SPK
2	299	793	600	5	299 / 259 X2	40	111	873	412	5	151 / 91	40	W. side ARROYO SECO, ESTEDAL GROVE PARK
3	192	922	493	5	213 / 171	42	043	745	344	5	66 / 20	46	SEE FB 1368-9 FOR DESC
4	229	613	530	5	237 / 220	17	042	368	343	5	50 / 33	17	
5	292	295	593	5	298 / 285	13	033	734	334	5	39 / 27	12	
6	290	452	591	5	300 / 280	20	064	560	305	5	14 / 4 X2	20	T R. D GLIDDEN
7	263	951	564	5	269 / 257	12	033	631	334	5	40 / 25	15	
8	289	781	590	5	301 / 276	25	130	750	431	5	141 / 118	23	
9	298	755	599	5	298 / 281 X2	34	145	653	446	5	160 / 130	30	
10	169	939	470	5	180 / 157	23	131	548	432	5	142 / 119	23	
TOTAL	2522	288	CM			270	770	827	CM			272 / 270 / 542	MISTEC
	770	827											
DIFF IN ELEV	1751	461	CM										
BM 47-4													BM 47-4 MICHIGAN AVE & VIRORO SEE F.B. 1368-10 FOR DESC

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WEATHER HOT & HUMID INST. NO. 15237
TIME 3.10 TO 3.45 ROD NO. 95696
NOTES CHKD VC.NA DATE 10-20-60

F.B. 2829 PG. 16 JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY ACG NOTES ALG 8-29-60
INDEXED H.E.OH DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 47-4 TO BM 47-3A
BM 47-4													BM 47-4
1	137	219	438	5	148 / 125	23	176	084	477	5	187 / 164	23	MICHIGAN AVE &
2	147	197	448	5	163 / 130	33	298	139	599	5	298 / 282	32	VIRO RD
													SEE F.B 368-10
3	133	170	434	5	145 / 120	25	294	598	595	5	294 / 282	24	
4	031	200	332	5	39 / 23	13	297	002	558	5	297 / 283	16	
5	043	428	344	5	51 / 34	17	291	178	592	5	301 / 281	20	
6	029	276	330	5	35 / 22	13	294	532	595	5	300 / 287	13	
7	047	505	348	5	55 / 38	17	229	837	530	5	227 / 220	17	
8	042	421	343	5	65 / 19	46	190	891	421	5	211 / 169	42	
9	120	440	421	5	140 / 99	41	291	264	592	5	291 / 272	38	
10	075	650	376	5	90 / 72	47	195	431	406	5	218 / 173	45	
TOTAL	807	506	CM			275	2558	~~886~~ 956	CM				
							807	506				270	
							1751	~~380~~	CM			~~275~~ 545	
DIFF IN ELEV								450					
BM 47-3A													BM 47-3 LG B SPK
													W. SIDE ARROYO SECO
													E. SIDE OAK GROVE PARK
													SEE F.B 1368-9

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 A C GUIZADO WEATHER HOT & HUMID INST. NO. 75234

NOTES BY A L G DATE 8-20-60 TIME 1:40 TO 2:30 ROD NO. 95

INDEXED M. E. OTT DATE NOTES CHKD. [illegible] DATE 10-20-60

F.B. 2829 Pg. 17

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
													FROM BM 47-4 TO BM 47-5
BM47-4	201	578	502	5	224 178	46	114	596	415	5	137 91	46	BM 47-4
2	215	372	516	5	238 192	40	050	931	351	5	72 27	45	MICHIGAN AVE &
3	216	551	517	5	226 206	20	025	186	326	5	35 15	20	VIRO RD
4	284	311	585	5	290 278	12	022	797	323	5	28 16	12	SEEF.B 1368-10
5	299	970	600	5	299 293 ½	12	011	148	312	5	16 6	10	
6	290	849	591	5	294 285	9	023	374	324	5	27 18	9	
7	286	940	587	5	290 282	8	032	028	333	5	36 27	9	
8	300	692	601	5	300 ½ 295	10	026	276	327	5	30 21	9	
9	286	535	587	5	290 281	9	031	840	332	5	36 26	10	
10	300	750	601	5	300 ½ 294	12	043	844	344	5	49 38	11	
11	295	748	596	5	295 284 ½	22	130	409	431	5	140 119	21	
12	062	680	363	5	84 40	44	186	586	487	5	209 162	47	
13	098	575	399	5	120 75	45	281	651	582	5	281 ½ 258	46	
14	042	471	343	5	57 27	30	285	203	586	5	300 269	31	
SUB TOTAL	~~3182~~ 3183	~~992~~ 022	CM				1265	869	CM				

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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 47-4 TO BM 47-5
Sub Total	3183 ~~3182~~	022 ~~992~~	CM				1265	869	CM				
15	056	189	357	5	47 44	23	286	191	587	5	297 274	21	
16	069	110	370	5	92 44	46	192	245	493	5	215 169	46	
17	184	502	485	5	190 178	12	184	[illegible]	485	5	190 178	12	
TOTAL	3492	823 ~~783~~	CM			406	1929	201	CM			405 406	
	1929	201										811	METERS
Diff In Elev	1563	~~592~~	CM										
BM 47-5		622											BM 47-5 FOOTHILL BLVD & GEORGIN RD SEE F.B 1368-11

WEATHER Hot INST. NO. N3 75230

TIME 1:40-2:30 ROD NO. 25896

NOTES CHKD JCM DATE 10 20 60

F.B. 2829 PG. 18

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

SURVEY BY ACG NOTES ALG

INDEXED H. E. OTT DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C. GUIZADO WEATHER Hot & HUMID INST. NO. 75234

NOTES BY DATE TIME 2.30 TO 3.10 ROD NO. 95896

INDEXED H.E. OTT DATE NOTES CHKD VCM DATE 10-20-68

F.B. 2829 PG. 17

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 47-5 TO BM 47-4
BM 47-5													BM 47-5
1	183	507	484	5	189 177	12	183	741	484	5	189 177	12	FOOT HILL BLVD &
2	197	737	498	5	220 174	46	074	371	375	5	97 51	46	GEORGIAN RD
3	287	005	588	5	298 275	23	055	725	356	5	66 43	23	SEE F.B 1368-11
4	286	177	587	5	301 270	31	051	092	352	5	66 36	30	
5	289	814	590	5	289 266 12	46	099	401	400	5	112 76	46	
6	183	216	484	5	206 160	46	065	462	366	5	87 42	45	
7	135	283	436	5	145 124	21	294	768	595	5	294 283 x2	22	
8	044	143	345	5	49 38	11	301	296	602	5	301 295 x2	12	
9	029	180	330	5	34 24	10	282	598	583	5	286 277	9	
10	025	272	326	5	29 20	9	299	556	600	5	299 294 x2	10	
11	029	010	330	5	34 25	9	286	151	587	5	290 282	8	
12	024	461	325	5	28 19	9	290	600	591	5	294 285	9	
13	014	865	315	5	19 9	10	294	481	595	5	299 289	10	
SUB TOTAL	1739	730	CM				2579	242	CM				

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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 ____ TO ____
SUB TOTAL	1729	730	CM				2579	242	CM				
14	009	618	310	5	15 3	12	280	147	581	5	286 274	12	
15	024	127	325	5	35 14	21	230	068	531	5	240 220	20	
16	065	315	366	5	87 42	45	223	909	524	5	246 200	40	
17	125	179	426	5	148 102	46	204	081	505	5	227 181	46	
TOTAL	1953	969	CM				3517	447	CM				
							1953	969					
Diff in Elev BM 47-4							1563	478	CM				

BM 47-4
MICHIGAN AVE E
VIRO RD
SEE F.B 1362-10

F.B. 2829 PG. 20

SURVEY OF C. A. CO. PRECISE LEVEL NET

JOB NO. 0301.02

SURVEY BY ACG NOTES ALG

INDEXED H. E. OTT DATE

WEATHER Hot INST. NO. 75238

TIME 2:30-3:10 ROD NO. 95896

NOTES CHKD J.C.M. DATE 10-21-61

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 L.A. CO. PRECISE LEVEL NET

NOTES BY J.W. Lybrand DATE Sept 2 1960 WEATHER Sunny INST. NO. 75224

INDEXED H. E. Ott DATE TIME 9:30 AM 10:05 ROD NO. 95896

NOTES CHKD. JCM DATE 10-20-60

F.B. 3829 Pg. 21

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 47-5 TO B.M 47-6
B.M 47-5													B.M. 47-5 Foothill Blvd & Georgian Rd. See F.B. 1368-
1	287	759	588	5	274 / 299	25	096	910	397	5	108 / 83	25	
2	281	750	582	5	300 / 262	38	036	003	339	5	57 / 20	37	
3	293	352	594	5	293 1/2 / 274 1/2	38	031	912	332	5	49 / 13	37	
4	295	354	596	5	295 1/2 / 273 1/2	44	040	123	341	5	62 / 19	43	
5	274	972	575	5	297 / 251	46	048	914	349	5	71 / 25	46	
6	274	713	575	5	297 / 251	46	052	776	353	5	75 / 29	46	
7	264	810	565	5	287 / 241	46	049	113	350	5	72 / 26	46	T. D. Glidden
8	291	221	592	5	295 1/2 / 269 1/2	44	030	148	331	5	51 / 8	43	
9	285	053	586	5	285 / 263	44	072	767	373	5	96 / 48	48	
Total	2548	984				371	460	466				371	
	460	466										371	
Diff.	2088	518										742	
BM 47-6													B.M. 47-6 Foothill Blvd & Oakwood Ave. See F.B. 1368-12

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 [illegible] INST. NO. N-3 25234

TIME 10:15 TO 11:45 ROD NO. 95E96

NOTES CHKD N.C.A.H. DATE 10-28-60

SURVEY OF L.A. CO. PRECISE LEVEL (NE)

SURVEY BY [illegible] NOTES [illegible]

INDEXED H. E. OTT DATE Sept 2 1960

JOB NO. 0301.01

F.B. 2829 Pg. 22

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 47-6 TO BM 47-5
BM 47-6													BM 47-6 [illegible] Foothill Blvd & Oakwood Ave. See F.B. 1368-12
1	075	321	370	5	39/32	46	387	262	[illegible]	5	389/343	46	
2	[illegible]	[illegible]	[illegible]	5	53/9	43	295	491	591	5	325	[illegible]	
3	052	243	[illegible]	5	74	45	265	098	566	5	287	45	
4	049	297	348	5	34	46	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
5	050	811	351	[illegible]	32	48	256	083	557	[illegible]	334	44	
6	027	250	328	5	48/6	42	301	293	582	5	[illegible]	42	[illegible]
7	[illegible]	199	301	5	39/77	38	[illegible]	931	594	5	296/209	36	
8	050	171	341	5	52/22	37	288	445	584	5	322/264	38	
9	123	[illegible]	434	5	95	[illegible]	294	868	590	5	388	[illegible]	
Total	457	781				[illegible]	[illegible]	046				[illegible]	
							457	781				370	
							2088	265					
												736	
Diff in Elev. BM 47-5													BM 47-5 Foothill Blvd. & Georgian Rd. See F.B. 1368-11

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 L.A. CO. PRECISE LEVEL NET WEATHER Sunny INST. NO. 32-24

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

INDEXED H.E. [illegible] DATE NOTES CHKD VCM DATE [illegible]

F.B. 2829 PG. 23

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM 47-6 To BM 47-7
B.M. 47-6													B.M. 47-6
1	255	[illegible]	556	5	291 239	32	081	597	382	5	91 66	[illegible]	Foothill Blvd. & Oakwood Ave. See F.B. 1368-12
2	256	203	557	5	298 253	45	053	264	354	5	75 31	44	
3	257	096	558		290 258	32	036	115	337	5	57 19	38	
4	294	532	595		294 [illegible]	32	055	856	356		[illegible]	[illegible]	
5	281	539	582		281 258	49	082	199	385		105 [illegible]	41	T. D. Gloster
6	284	521	585		299 268	31	029	959	330	5	57 13	[illegible]	
7	299	460	598		299 262½	30	011	504	312	5	29 11	32	
8	200	[illegible]	291	5	268 229	39	020	837	321	5	[illegible]	33	
9	288	790	589	5	288 [illegible]	36	055	495	336	5	[illegible]	25	
10	283	268	584	5	288 268	29	096	529	347	5	[illegible]	[illegible]	
11	298	799	599	5	299 [illegible]	36	053	408	359	5	29 35	25	
Total	3078	048				387	507	103				390	
	567	103										387	
Diff in Elev.	2510	945										777	
BM 47-7													B.M. 47-7 Foothill Blvd. & Angeles Crest Hwy. See F.B. 1368-13

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. 2829 Pg. 24 — L.A. CO. PRECISE LEVEL NET — JOB NO. 0301.01

SURVEY OF [illegible] — SURVEY BY [illegible] — NOTES [illegible] — DATE [illegible]

INDEXED H. E. Ott

WEATHER Sunny — TIME 10:35 to 11:50 — NOTES CHKD. JCM

INST. NO. 25234 — ROD NO. 25292 — DATE 10-20-60

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM 49-7 To BM 49-6
BM 49-7													BM 49-7
1	051	908	332	5	57 / 36	36	[illegible]	347	595	5	399 / 362	36	Foothill Blvd & Angeles Crest Hwy See FB 1365-13
2	048	945	349	5	32	31	[illegible]	750	586	5	321 / 290	31	
3	035	978	326	5	57	35	[illegible]	919	559	5	385	36	
4	024	026	325	5	9	39	306	123	521	5	[illegible]	39	
5	[illegible]	198	[illegible]	5	[illegible]	32	287	655	588	5	[illegible] / 355	32	
6	029	041	330	5	24 / 13	31	[illegible]	939	[illegible]	5	299 / 268	31	
7	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	275	454	576	5	[illegible]	41	T. D. Gibbs
8	055	068	[illegible]	5	59	32	295	823	596	5	334 / 304	30	
9	[illegible]	041	[illegible]	5	[illegible]	42	2[illegible]4	225	[illegible]	5	[illegible]	38	
10	054	727	[illegible]	5	[illegible]	41	[illegible]	627	558	5	279 / 234	45	
11	[illegible]	652	386	5	69	31	259	[illegible]	[illegible]	5	[illegible]	32	
Total	515	499				390	3086 / 515	267 / 499				291 / 490	
Diff. in Elev.							2570	858				781	
BM 49-6													BM 49-6 Foothill Blvd & Oakwood Ave See FB. 1368-12

76P526B CE # 306 8-59

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Do not extend notes this side of this line.

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

SURVEY BY A. C. GUIZ ADD

NOTES BY A. L. G. DATE 9-2-60 WEATHER HOT

TIME 2:30 TO 3:00 INST. NO. 75237

INDEXED M. E. OH DATE NOTES CHKD. JCH DATE 11-14-60 ROD NO. 95206

F.B. 2829 PG. 23

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 47-7 TO BM 47-8
BM 47-7													BM 47-7
1	294	655	595	5	294 / 277	34	027	295	328	5	44 / 10	34	FOOTHILL BLVD & CHEVY CHASE DR.
2	278	626	579	5	294 / 262	32	040	291	341	5	55 / 24	32	SEE F.B. 1368-13
3	293	538	592	5	293 / 277	32	022	401	323	5	38 / 6	32	
4	286	572	587	5	286 / 270	32	020	843	321	5	36 / 4	32	
5	274	598	575	5	291 / 257	34	012	569	313	5	28 / 2	32	T D BROWN
6	281	532	582	5	292 / 262	38	064	784	365	5	83 / 46	37	
7	263	428	540	5	278 / 260	18	051	478	352	5	52 / 42	18	
8	185	740	486	5	188 / 182	6	087	813	398	5	104 / 93	8	
	216	589	CM			225	337	478	CM			225	
	337	478										226 / 451	Meters
DIFF IN ELEV BM 47-8	1827	111	CM										BM 47-8 FOOTHILL BLVD & LA CAÑADA BLVD SEE F.B. 1368-14

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LOS ANGELES COUNTY ENGINEER

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Do not extend notes this side of this line.

F.B. 2829 Pg. 26 JOB NO. 0301.02
SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY AL G NOTES AL G 3-2-60
INDEXED H. E. OTT DATE

WEATHER HOT & HUMID INST. NO. N3 75234
TIME 1:55-2:30 ROD NO. 85296
NOTES CHKD JCM DATE 10-20-60

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 47-8 TO BM 47-7
BM 47-8													BM 47-8
1	101	107	402	5	165 98	7	189	270	490	5	193 184	7	FOOTHILL BLVD & LA CANADA BLVD
2	051	326	352	5	60 42	18	269	354	510	5	278 262	18	SEE F.B. 1368-14
3	003	005	364	5	82 45	37	285	579	586	5	285 267	36	
4	019	274	320	5	37 x2 19	36	276	001	577	5	293 259	34	
5	026	048	327	5	42 10	32	201	245	592	5	291 12 [illegible]	32	⊼ D BROWN
6	021	201	322	5	37 5	32	292	536	593	5	292 V2 274	32	
7	043	118	344	5	59 27	32	281	007	582	5	297 265	32	
8	022	188	323	5	38 6	32	289	579	590	5	295 V2 272	34	
TOTAL	348	527	CM				2173	761	CM				
						226	348	527				225	
DISTURBED							1827	234	CM			226	
BM 47-7												451	BM 47-7
													FOOTHILL BLVD & CHEVY CHASE DR
													SEE F.B. 1368-13

76P526B CE # 306 8-59

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Do not extend notes this side of this line.

JOB NO. 0301 P2 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY A. C. GUZMAN WEATHER HOT & CLEAR INST. NO. 75128

NOTES BY H. E. OH DATE 3-5-60 TIME 11:00 TO 11:50 ROD NO. 3-5-60

INDEXED DATE NOTES CHKD. JCM DATE 4-28-60

F.B. 3829 PG. 27

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 47-8 TO BM 47-9
BM 47-8	138	238	439	5	158 / 118	40	112	563	413	5	132 / 92	40	BM 47-8
													FOOTHILL BLVD &
2	280	792	581	5	298 / 262	36	011	804	312	5	30 X2 / 11	38	LA CANADA BLVD
													SEE F.B. 1368-14
3	301	069	602	5	301 X2 / 284	34	025	150	320	5	42 / 7	35	
4	291	227	592	5	291 X2 / 274	34	039	671	340	5	56 / 22	34	
5	290	502	591	5	290 X2 / 273	34	037	838	338	5	53 / 21	32	
6	272	252	573	5	288 / 256	32	045	425	346	5	61 / 29	32	
7	279	769	583	5	297 / 261	36	052	515	353	5	70 / 34	36	⊼ JW LYBRAND
8	289	401	590	5	289 X2 / 273	32	054	155	355	5	70 / 38	32	
9	294	572	595	5	294 X2 / 277	34	036	728	337	5	52 / 21	31	
10	278	596	579	5	292 / 264	28	064	220	365	5	77 / 50	28	
11	299	484	600	5	299 X2 / 278	42	092	053	395	5	113 / 71	42	
12	175	591	476	5	198 / 152	46	134	748	435	5	157 / 111	46	
13	161	307	462	5	164 / 158	6	141	817	442	5	145 / 137	8	BM 47-9A
TOTAL	3353	106 / 590	CM			434	848	947	CM			434	FOOT HILL BLVD &
	848	947										434	EL CAMINO CORTO
DIFF. IN ELEV.	2504	143	CM								METERS	868	SEE F.B. 1368-17
BM 47-9A		153											

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 47-9A TO BM 47-8
BM 47-9A	143	721	444	5	167 139	8	163	304	464	5	167 159	8	BM 47-9A
2	152	708	453	5	175 129	46	192	431	493	5	215 169	46	FOOTHILL BLVD &
3	095	483	396	5	116 74	42	294	364	595	5	294 274	40	EL CAMINO PORTO
4	061	629	362	5	75 47	28	288	799	589	5	288 x2 274	28	SEE F.B. 1368-17
5	037	582	338	5	52 22	30	269	906	570	5	286 252	34	
6	032	301	333	5	48 16	32	289	947	590	5	289 x2 273	32	
7	051	918	352	5	70 33	37	277	400	578	5	295 259	36	⊼ J.W. L & BRAND
8	041	961	342	5	57 25	32	275	908	576	5	291 259	32	
9	041	930	342	5	57 25	32	275	379	576	5	291 259	32	
10	024	221	325	5	42 7	35	282	726	583	5	300 265	35	
11	021	968	322	5	39 4	35	280	311	581	5	297 263	34	
12	017	699	318	5	35 x2 17	36	298	738	599	5	298 x2 281	34	
13	118	403	419	5	139 97	42	157	224	458	5	177 137	40	BM 47-8
TOTAL	840	984	CM			435	3345	197	CM			451	FOOTHILL BLVD &
							840	984				435	LA CANADA BLVD
Diff In Elev BM 47-8							2504	213				866	SEE F.B. 1368-14

F.B. 2829 Pg. 28

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 9-6-60

INDEXED H.E. OTT DATE

WEATHER HOT & HUMID HOT N3 INST. NO. 75234

TIME 2:45 TO 3:40 ROD NO. 95656

NOTES CHKD. V.C.M. DATE 10-20-60

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 L.A. CO. PRECISE LEVEL NET A.C. GUIZADO WEATHER HOT & CLEAR INST. NO. N375234

NOTES BY A.C.G. DATE 9-6-60 TIME 1.05 TO 1.50 ROD NO. 95890

INDEXED H. E. OTT DATE NOTES CHKD. JCM DATE 10-20-60

F.B. 2829 Pg. 29

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 47-9A TO BM 47-10
BM 47-9A													BM 47-9A
1	198	049	499	5	221 175	46	158	219	459	5	181 135	46	FOOTHILL BLVD &
2	094	188	395	5	117 71	46	151	662	452	5	174 128	46	EL CAMINO CORTO
3	179	323	480	5	202 156	46	016	643	317	5	39 12 16	46	SEE F.B. 1368-17
4	268	906	569	5	284 252	32	024	984	325	5	40 8	32	
5	289	043	590	5	300 278	22	023	569	324	5	34 12	22	
6	300	803	601	5	300 12 287	26	008	781	309	5	21 12 8	26	⊼ J.W. LYBAR
7	282	018	583	5	292 270	24	039	047	340	5	51 27	24	
8	290	862	591	5	290 272	36	019	790	320	5	37 12 19	36	
9	259	488	560	5	281 237	44	018	839	319	5	41 12 18	46	
10	292	483	593	5	292 12 269	46	030	109	331	5	53 7	46	
11	231	544	532	5	249 213	36	072	636	373	5	90 54	36	
TOTAL	2686	707	CM			404	564	279	CM			406 404	
	564	279										810	METERS
Diff in Elev BM 47-10	2122	428 8	CM										BM 47-10
													FOOTHILL BLVD &
													LITTLETON RL.
													SEE F.B. 1368-16

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 47-10 TO BM 47-9A
BM 47-10													BM 47-10
1	071	846	372	5	89 53	36	230	714	531	5	248 212	36	FOOTHILL BLVD &
2	024	784	325	5	47 24 x 2	46	287	116	588	5	287 x 2 264	46	LITTLETON PL
3	034	127	335	5	51 11	46	274	925	575	5	296 252	44	SEE FB 1368-16
4	039	634	340	5	58 20	38	292	870	593	5	292 273 x 2	38	
5	013	303	314	5	25 x 2 13	24	275	159	576	5	287 263	24	
6	015	066	316	5	28 15 x 2	26	290	003	591	5	290 277 x 2	26	⊼ J. W LYBRAND
7	007	842	308	5	18 7 x 2	22	289	727	5[illegible]	5	300 278	22	
8	018	332	319	5	36 18 x 2	32	263	617	564	5	279 247	32	
9	037	085	338	5	60 14	46	[illegible]	342	517	5	239 193	46	
10	175	458	4[illegible]	5	[illegible] 152	46	098	766	393	5	121 75	46	
11	151	500	452	5	174 128	46	192	819	493	5	215 169	46	
TOTAL	589	597	CM			408	2712	119	CM				
							589	597				406	
DIFF in Elev BM 47-9A							2122	522	CM			408	
												814	BM 47-9A
													FOOTHILL BLVD &
													EL CAMINO PORTO
													SEE FB 1368-17

F.B. 2829 Pg. 30

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H. E. OTT DATE

JOB NO. 0301.02

WEATHER Hot & Hot & HUMIDN 3 INST. NO. 75234

TIME 1150 TO ROD NO. 95496

NOTES CHKD JCN DATE 10-20-60

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 A.C. Guizado WEATHER

NOTES BY L. V. Bunn DATE 8-24-62 TIME 10:45 to 11:00 ROD NO.

INDEXED H. E. Ott DATE NOTES CHKD. J. Gill DATE 10-20-60

F.B. 2829 PG. 31

INST. NO. 23234

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 47-10 TO T.B.M.
B.M. 47-10													B.M. 47-10
1	172	132	473	5	178 / 165	18	131	519	432	5	122	13	Foothill Blvd & [illegible]
													SEE FB 1368-16
2	189	459	492	5	210 / 167	43	122	290	423	5	145 / 80	42	
3	121	685	422	5	144 / 98	46	206	511	507	5	229 / 183	46	
4	063	188	364	5	56 / 40	46	210	480	573	5	[illegible]	[illegible]	
5	026	273	327	5	53 / 3	46	265	134	536	5	[illegible]	[illegible]	
6	035	265	336	5	56 / 14	42	257	278	552	5	322 / 280	42	
7	070	772	371	5	93 / 47	46	255	231	536	5	[illegible]	[illegible]	T. A. C. Guzado
8	040	720	391	5	63 / 17	46	255	089	556	5	327 / 282	45	
9	[illegible]	705	434	5	157 / 110	47	088	110	389	5	116 / 65	46	
10	281	185	582	5	281½ / 237	48	003	558	304	5	22 / 3	48	
Total	1134	194				428	1849	108				422	
							1134	194				428	
							714	914				850	METERS
Dist. in play													
T.B.M.													TBM (Nail in Lead) N.W. Cor Foothill Blvd & Ocean view 3.5 ft E. of W. end CB

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 Sunny TEMP. 60 INST. NO. 25234

TIME 1130 to 1210 ROD NO. 73-E96

NOTES CHKD. VCA DATE 10-28-60

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM T.B.M. TO B.M. 47-10
T.B.M.													TBM (Nail in Ld.) NW cor. Foothill Blvd. & Oceanview 3.5 ft E. of W. end CR.
1	001	910	304	5	82/2	48	280	550	555	5	280/260	48	
2	080	[illegible]	[illegible]	5	[illegible]	[illegible]	139	982	[illegible]	[illegible]	[illegible]	46	
3	261	034	562	5	288	42	047	080	348	4	25	46	
4	259	219	555	[illegible]	237/23	46	060	960	345	[illegible]	27	[illegible]	
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42	[illegible]	438	347	[illegible]	[illegible]	42	
6	266	188	569	[illegible]	289/265	46	027	345	328	[illegible]	[illegible]	46	
7	266	[illegible]	567	[illegible]	292/249	42	061	140	362	[illegible]	88/38	42	X A.C. Guzado
8	200	[illegible]	[illegible]	[illegible]	227/[illegible]	46	[illegible]	345	418	[illegible]	192/92	46	
9	120	398	421	[illegible]	143/97	46	184	893	488	[illegible]	[illegible]	42	
10	134	950	435	[illegible]	143/129	16	175	609	476	[illegible]	185/162	11	
Total	1859	716				429	1144	936				423	
	1144	936										429	
												852	
Diff. to Elev. BM 47-10	714	980											
													BM 47-10 Foothill Blvd. & Littleton Pl. See FB 1368-16

F.B. 2829 PG. 32

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY B.C. GUZADO NOTES L.W. LAVERSEED

INDEXED H.E. OW DATE SEPT 2 1960

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 T.B.M. TO L.A. City 0900,540
T.B.M.													T.B.M.
1	233	450	534	5	216	46	033	520	354		86	46	Foothill Blvd. E. Side of Fire Sta. Blue Nail & head northwest corner 25 ft east of west [illegible]
2	266	708	567	5	289 243	46	037	271	338		69 14	46	
3	252	156	553	5	305 259	46	035	859	336		[illegible]	46	
4	215	126	546	5	258 222	46	102	655	403	5	[illegible]	46	
5	189	493	490	5	[illegible]	46	133	169	434		[illegible]	46	
6	183	303	484		206 160	46	104	700	405		[illegible] 81	46	π A.C. Guzzo
7	235	104	536		258 212	46	050	639	351		[illegible]	46	
8	182	930	483	5	190 145	15	096	500	377		84 68	16	
Total	1955	264				337	574	363				338	
	574	363										337	
Diff. in elev.	1213	901										675	METERS
BM													BM. L.A. City 0900,540
													STD. C.S. Co. MON. 1 ft NE of Stonewall N side Foothill Blvd E side of old L.A. Co. Fire Sta. Bldg #2541

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

SURVEY BY A.C. GUZZARD WEATHER Sunny

NOTES BY [illegible] DATE [illegible] TIME [illegible]

INDEXED [illegible] DATE [illegible] NOTES CHKD. [illegible] DATE 10-26-60

INST. NO. [illegible]

ROD NO. [illegible]

F.B. 2829 PG. 33

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 Sunny INST. NO. 25234

TIME 3:00 to 3:30 ROD NO. 95 & 96

NOTES CHKD J.C.M. DATE Sept 7, 1960

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 0900 540 TO TBM
BM													BM. L.A. City [illegible]
1	074	902	375	5	82 / 66	16	186	786	487	5	104 / 78	16	FOOTHILL BLVD N. SIDE 6' E OF E SIDE OF OLD L.A.Co.
2	077	135	398	5	106 / 86	46	256	000	557	5	279 / 233	46	Fire Sta Bldg #2541, 10' N.
3	108	600	490	5	[illegible]	46	187	181	488	5	[illegible]	46	of N cb; 1' NE of Stonewall
4	131	308	432	5	154 / 108	46	[illegible]	[illegible]	489	5	[illegible]	46	Std. C.S. Co. MON.
5	096	761	397	5	109 / 64	45	238	749	539	5	261 / 215	46	
6	045	942	346	5	68 / 22	46	262	200	563	5	285 / 239	46	T
7	043	100	344	5	68 / 22	46	292	531	573	5	285	46	
8	043	623	349	5	66 / 20	46	243	639	544	5	266 / 220	46	
Total	621	433				337	1835 / 621	276 / 433				338 / 337	
							1213	243				675	
Diff. in Elev. T.B.M.													T.B.M. (Nail in Ld) NW cor. FOOTHILL & OCEANVIEW BLVD 3.5' E. of W. end cr.

F.B. 28229 PG. 34

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R. Gonzalez NOTES W. W. Lynwood

INDEXED H. E. Ott DATE Sept 7, 1960

76S420 S & E-353 4-54

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

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

Do not extend notes this side of this line

B.M.	1ST RUN		DIFF.		2ND RUN		3RD RUN		ADJ. ELEV.		DESCRIPTION		
BM													BM. LA City 0900 5 [illegible]
1	204	836	[illegible]	5	[illegible]	9[illegible]	054	935	35[illegible]	[illegible]	[illegible]	4[illegible]	Std. Co. Cor. [illegible] 10[illegible]
													cb Foothill Blvd. 6' E of
2	268	183	[illegible]	[illegible]	[illegible]	9[illegible]	044	[illegible]	[illegible]	5	[illegible]	4[illegible]	E side old LA Co. [illegible]
													#254 [illegible] 1' NE of Stone [illegible]
3	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	124	190	[illegible]	[illegible]	[illegible]	[illegible]	
4	178	820	[illegible]	[illegible]	[illegible]	46	128	620	[illegible]	[illegible]	[illegible]	96	T A.C. [illegible]
5	208	[illegible]	[illegible]		[illegible]	22	135	[illegible]	439	5	[illegible]	22	
Total	1185	969				205	490	888				206	
	490	888										203	
												411	METERS
Diff. to Elev. Bm #	645	081											
													BM # [illegible] 1.29 [illegible] NW Co. Co.
													Foothill Blvd & Raymond Ave
													State Hwy Bronze [illegible]
													N. cb & + B.C. of CET.

NOTES RED _____ JOB NO. [illegible] SURVEY OF L.A. CO. PRECISE LEVEL NET
DATE _____ SURVEY BY J. C. Guizado
NOTES CHKD. [illegible] NOTES BY [illegible] DATE [illegible]
DATE [illegible] INDEXED _____ DATE _____

F.B. 2822 Pg. 35

769420 S & E-353 4-54

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

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

Do not extend notes this side of this line

JOB NO. 220141 SURVEY OF L.A. CO. PRECISE LEVEL NE
SURVEY BY H.C. GUZZO
NOTES BY C.W. & H. HOWARD DATE Sept 2, 1960
INDEXED H. E. OTT DATE
NOTES RED. DATE
NOTES CHKD. JCM DATE 10-20-60

B.M.	1ST RUN		DIFF.		2ND RUN		3RD RUN		ADJ. ELEV.				DESCRIPTION
B.M. 1	136	190	437	5	156	22	206	653	5 [illegible]	5	213 196	22	BM. L.A. City #0900.577 NW COR FOOTHILL BLVD & RAYMOND AVE State Hwy Branch Dist in N. cb at B.C. of ERT
2	123	835	423	5	169	46	173	307	474	5	186 156	46	
3	119	126	420	5	142 96	46	270	646	5[illegible]	5	293 247	46	
4	040	393	541	5	137 91	46	263	881	564	5	286 240	46	
5	050	555	351	5	77 29	46	200	443	5[illegible]	5	229 183	46	
[illegible]	990	079					415	160 ✓				206	
						206	270	079				206	
							645	081 ✓				412	
Diff in elev. B.M.													

BM #0900.540 (L.A. City) FOOTHILL BLVD, 10' N. OF N cb. 6' E. OF E. side OLD L.A. CO. FIRE STA. Bldg #2541 & 1' NE OF STONE WALL STD. C.S. CO MON.

F.B. 2829 PG. 36

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 T.B.M. TO TBM # 0900480
TBM													T.B.M
1	042	663	343	5	57 28	29	298	521	599	5	298 284	28	Foot [illegible] Lead & [illegible] [illegible]
2	002	881	303	5	11 ½	18	299	750	600	5	299 291	16	[illegible]
3	013	012	314	5	23 3	20	299	437	600	5	[illegible]	[illegible]	
4	031	129	332	5	42 20	22	293	585	594	5	[illegible]	[illegible]	
5	006	[illegible]	307	5	17 6 ½	26	278	939	579	5	[illegible] 265	25	
6	014	092	315	5	28 14 ½	28	272	657	573	5	286 258	28	A. Goble
7	053	079	354	5	68 38	30	271	357	572	5	286 256	30	
8	005	088	306	5	16 5 ½	22	287	360	588	5	[illegible] 275	24	
9	031	689	332	5	[illegible] 24	14	[illegible]	869	525	5	[illegible]	14	
Total	171	700					2326	475				210	
						209	199	884				209	
							2326	591				419	
Diff in elev. TBM													TBM (L.A. City # 0900480

2325 488

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

SURVEY BY [illegible] WEATHER intermit Sun INST. NO. 95-234

NOTES BY [illegible] DATE [illegible] TIME 8:45 to [illegible] ROD NO. 95596

INDEXED H. E. OD DATE NOTES CHKD. JCM DATE 10-20-60

F.B. 2829 Pg. 37

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 LA CITY #0900.480 TO TBM
BM													BM LA CITY #0900.480
1	237	432	538	977	294 230	14	069	441	370	985	76 42	14	OCEAN VIEW PL ℄
2	300	156	601	687	300 288 1/2	24	006	353	307	891	16 6 1/2	20	
3	280	205	581	734	[illegible]	30	050	141	351	701	66 34	32	
4	272	103	573	642	276 258	28	013	244	314	780	26 13 1/2	26	
5	277	814	579	368	290 264	26	003	132	304	679	16 3 1/2	26	
6	298	739	600	278	298 287 1/2	22	029	739	331	312	40 18	22	
7	288	641	590	198	298 278	20	007	413	308	861	18 7 1/2	22	
8	294	282	595	811	294 286 1/2	16	008	104	309	638	17 8 1/2	18	
9	290	944	592	[illegible]	290 277 1/2	26	[illegible]	180	327	720	40 12	28	
TOTAL	2540	316	5254	196			213	747	2927	667		218	
	213	747										206	
Diff in Elev	2326	569				206						414	
TBM													TBM NW COR FOOT HILL BLVD ℄ OCEAN VIEW BLVD Lead & Nail 3' E. of FW end ce

WEATHER HOT & HUMID INST. NO. N3 75234
TIME 10.25 TO ROD NO. 95696
NOTES CHKD JCM DATE 10-20-60

F.B. 2829 Pg. 38
SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY ACG NOTES ALG 9-12-60
INDEXED H. E. OTT DATE
JOB NO. 0301.02

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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM LACity TO TBM
BM													BM. LA City 0900.480
1	231	310	532	5	288 284	14	063	972	360	5	20 18	16	Ocean View Blvd & Lunnainane
													Cp N. in Hd wall Cte. F.C. Channel
2	299	021	598	5	292 288	24	002	005	303	5	1/2	20	42' E & 100' N of N. cb Lunnainane
3	276	257	577	5	296 260	31	047	338	348	5	53 31	22	1
4	270	648	571	5	[illegible]	32	032	499	333	1	46 18	28	2
													T A.L. Goble
5	291	929	592	5	291 279½	24	008	790	309	[illegible]	[illegible]	26	2
6	298	807	599	5	298 286	24	020	843	321	5	31 9	22	
7	290	405	591	5	291 279	22	008	447	308	5	18 8	20	
8	290	458	591	5	292 [illegible]	16	005	275	306	5	18 8	20	
9	301	632	602	5	291 283	26	033	107	334	5	47 19	28	
Total	2548	267				207	222	276				212 207 419	
	222	276											METERS
Diff	2325	991											
TBM													TBM NW cor Ocean View & Foothill Blvd N & L 2.5 E of W. end C.B.

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

SURVEY BY F.C. Guizado DATE 7/8/60 WEATHER TIME

NOTES BY J.K.L. DATE

H.E. Ott DATE NOTES CHKD. L.C.M. DATE 10/10/60

INST. NO. 3DPC ROD NO. 2556

F.B. 2829 Pg. 39

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WEATHER HOT & HUMID INST. NO. 16234
TIME 8:55 to 9:55 ROD NO. 35 56
NOTES CHKD 10/20 CM DATE 10/20/LO

F.B. 2827 PG. 40
SURVEY OF L.A. CO. PRECISE LEVEL NET 030102
SURVEY BY AGG NOTES AGG
INDEXED H.E. On DATE

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From TBM To LA City #0900
TBM													TBM Nail in Lead
1	038	718	340	268	52 24	28	296	811	598	363	296 283 ½	26	Ocean View & Foothill Blvd
2	013	432	314	969	22 04	18	291	229	592	788	299 283	16	Nail NW cor. 3' E of W end CR.
3	007	868	309	461	18 9 ½	22	296	026	597	574	296 286 ½	20	
4	035	115	326	649	46 20	22	298	274	599	783	298 285 ½	26	T J W Lybrand
5	004	928	306	471	16 4 ½	24	287	644	589	202	30 273	28	
6	009	188	310	721	23 9	28	267	932	569	476	281 253	28	
7	051	011	352	571	66 36	30	273	873	575	426	288 258	30	
8	003	664	305	206	14 3	22	293	734	595	296	293 281	24	
9	040	119	341	663	48 33	15	225	104	526	646	231 219	12	
TOTAL	204	063	2917	979		209	2530	637	5244	556		209	
							204	063					
Diff/elev							2326	574					
BM LA City													BM LA City #0900. 480
													Ocean View Blvd & Luana Lane
													Nail in Cte. F.C. Channel Wall

76P526B CE # 308 8-59

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

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

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

INDEXED M.E.O.D. DATE [illegible] NOTES CHKD. JCM DATE 10-10-60

F.B. 2829 Pg. 41

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM TBM # 0900480 TO BM # 0800520
T.B.M.													T.B.M. (L.A. city # 0900480)
1	053	015	304	5	43 23	20	292	631	598	5	287 284	20	Copper nail in lead in [illegible]
2	005	719	305	5	15 5 ½	24	296	778	599	5	287 283	20	channel Hesperia Loop line
3	002	348	303	5	14 3 ½	24	298	470	599	5	287 286	24	E. Luana Lane
4	004	818	305	5	16 4	24	298	433	599	5	285	26	
5	020	008	321	5	32 8	24	299	234	600	5	287 282	22	
6	002	630	303	5	14 3 ½	24	297	865	598	5	287 285	24	T. A. Noble
7	008	277	309	5	20 8 ½	24	301	821	602	5	287 284	24	
8	036	666	337	5	99 24	25	297	039	598	5	287 285 ½	18	
9	002	348	303	5	13 2 ½	22	293	208	594	5	287 283	20	
10	004	981	305	5	15 3 ½	20	299	427	600	5	287 280	20	
11	005	675	306	5	15 5 ½	20	297	261	598	5	287 286	22	
12	072	682	373	5	85 59	26	298	277	599	5	287 286	24	
13	008	819	309	5	19 8	22	294	480	595	5	294 ½ 283	22	
14	002	200	303	5	13 2 ½	22	298	730	599	5	287 287 ½	22	
Sub total	210	214					4139	312	✓				

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F.B. 2829 Pg. 42 — SURVEY OF C.A. CO — JOB NO. LEVEL NET — SURVEY BY Guzado — NOTES Lev. Lines — INDEXED H. E. OTT — DATE Sept 8 1960

WEATHER Intermit Sun — INST. NO. 25234 — TIME 7:25 to 11:00 — ROD NO. 95 & 98 — NOTES CHKD VCM — DATE 10-20-64

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM TBM #0900485 TO TBM #0900 420
Sub. Total	210	214					4139	312					
15	002	610	303	5	12 / 2 ½	22	289	203	588	5	291 / 272	29	
16	009	382	310	5	19 / 9 ½	20	298	935	599	5	298 / 288	20	
17	003	888	304	5	14 / 3	22	296	140	597	5	296 / 286	20	
18	002	882	303	5	13 / 2 ½	22	285	491	586	5	279 / 273	21	
19	018	335	319	5	29 / 7	22	286	031	587	5	290 / 272	27	
20	007	991	308	5	20 / 7 ½	26	290	703	591	5	290 / 279	24	
21	016	946	317	5	22 / 6	21	269	914	570	5	286 / 258	22	
22	002	888	319	5	8	21	280	388	581	5	292 / 267	25	
23	007	003	308	5	18 / 7 ½	22	272	450	573	5	280 / 263	17	
24	009	231	310	5	20 / 9 ½	22	113	343	414	5	123 / 102	21	
25	177	128	478	5	162 / 170	13	130	940	431	5	134 / 124	13	550
Total	507	875				544	6950	150				540	
							507	875				1084	METERS
Diff in elev.							6443	275				9	
B.M.													B.M. (L.A. City #0900.420) Ocean view & Broadview City Disc in 8" mon

70PS2008 CE # 906 8-59

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

SURVEY BY F.S. Guzzale WEATHER Sunny

NOTES BY Jul. Lyons TIME 11:15 AM

INDEXED H. E. Ott DATE Sept 5 1962 INST. NO. 95-F01

NOTES CHKD. J. Cal DATE 11-8-62 ROD NO.

F.B. 2829 PG. 43

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM LA City TO T.B.M. #0900430
B.M.													BM (L.A. City #0900420)
1	131	669	432	5	139 / 125	12	178	592	479	5	185 / 172	13	Ocean view & Broadview.
2	114	684	415	5	124 / 103	21	009	977	310	5	[illegible]	22	City in 8" mon
3	226	752	521	5	[illegible] / 212	20	004	410	305	5	19 / 2	18	
4	294	558	595	5	293 / 283 1/2	22	032	187	333	5	43 / 21	21	
5	285	212	586	5	[illegible] / [illegible]	26	002	790	303	5	14 / 2 1/2	24	
6	242	967	543	5	252 / 232	20	013	118	314	5	23 / 2	21	
7	276	048	577	5	287 / 265	22	032	171	333	5	57 / 35	22	
8	256	895	557	5	267 / 245	22	027	955	328	5	38 / 17	21	T. H. Goble
9	300	710	601	5	310 / 289 1/2	22	006	278	307	5	16 / 6 1/2	20	
10	301	881	602	5	[illegible]	20	003	478	304	5	14 / 3 1/2	22	
11	294	977	595	5	294 / 281 1/2	26	008	312	306	5	16 / 5 1/2	22	
12	296	015	597	5	296 1/2 / 285 1/2	22	002	659	303	5	13 / 2 1/2	20	
13	301	848	602	5	301 1/2 / 290 1/2	22	002	031	303	5	13 / 2 1/2	22	1 hr. for Lunch spl
14	300	355	601	5	300 1/2 / 290 1/2	20	006	818	307	5	22 / 6	32	
Sub total	3624	526					327	776					

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F.B. 3829 PG. 44 JOB NO. 0 2 1 0 2 SURVEY OF C.L. CO. LEVEL NET

SURVEY BY Z Quzano NOTES Y. Lubrano DATE Oct 8 1962

INDEXED H. E. Orr DATE

WEATHER Sunny TIME NOTES CHKD JCM

INST. NO. 25289 ROD NO. 25596 DATE 10-10-62

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 0900.420 TO TBM (+) 900.480
	3624	526					327	996					
15	273	779	574	5	286 262	23	005	527	306	5	16 5	22	
16	300	172	30[illegible]	[illegible]	288 285	20	013	069	314	[illegible]	24 4	18	
17	299	997	[illegible]	5	296	20	[illegible]	[illegible]	305	5	19 4 ½	20	
18	298	479	599	5	288	20	013	152	314	[illegible]	24 13	20	
19	297	042	598	5	287 289	26	004	915	305	5	15 4 ½	22	
20	298	451	599	5	288	24	002	229	303	5	16 2	24	X A Gode
21	301	825	602	[illegible]	291 288 ½	26	002	318	303	[illegible]	18 2	22	
22	268	381	569	[illegible]	281 255	26	008	985	309	5	20 8	24	
23	298	257	599	5	288 ½	22	011	127	312	[illegible]	22 11	22	
24	297	997	598	5	287 286 ½	24	010	062	311	[illegible]	19 10	18	
25	295	952	596	[illegible]	285 283	24	008	108	309	5	21 8 ½	26	
[illegible]	6854	108					411	980				554	
	411	980				552						552	
												1096	
	6442	128											
T.B.M.													TBM (L.A. City 0 900 480 Centerline & Juana Lane Copper nail in Lead ctn. F.C. Channel Headwall.

Notes Ck'd by	Survey of LA Co Precise Level Net F. B. 3829 PG. 45
Map No.	JN 030/02 Tape Std °F
Office Work	Surveyed by A. C. Guizado
Checked	Notes ACG Date 12/23/60
Date	Indexed H. E. Ott DEC 30 '60

LA CO. PRECISE LEVEL NET

LINE NO 47

RERUN BETWEEN
BM 47-1 & BM 47-2 ("A")

GUIZADO
GOBLE
GLIDDEN
COOK
ALWIN

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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76F309S S&E #247 11-58

F. B. 2829 PG. 46

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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 A.C. GUIZAR DATE 2/23/60 WEATHER Sunny INST. NO. 17334

NOTES BY H.E. CH TIME 10:30 AM/PM ROD NO. 15596

INDEXED DATE DEC 1 0 60 NOTES CHKD DATE

F.B. 28229 Pg. 47

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM 47-1 TO BM 47-2
BM 47-1													BM 47-1
1	081	930	382	5	99/64	35	290	152	591	5	290/274	32	W. VENTURAS + E N STERLING 9
													SEE FB 1368-7
2	007	434	308	5	10/4	6	262	800	563	5	266/258	8	
3	019	878	320	5	22/16	6	290	881	591	5	294/286	8	↑ A.L. GOBLE
4	011	428	312	5	13/8	5	301	709	602	5	30 1/2/29 1/2	4	
5	023	169	324	5	25/21	4	293	525	594	5	295/291	4	
6	031	404	332	5	33/29	4	298	853	599	5	300/296	4	
7	009	830	310	5	11/7	4	290	652	591	5	291/288	3	
8	019	267	320	5	21/16	5	290	992	591	5	292/287	5	
9	011	277	312	5	13/9	4	290	522	591	5	292/287	5	
10	035	959	336	5	38/32	6	297	779	598	5	299/294	5	F.C. MON.
11	010	111	311	5	13/7	6	275	663	576	5	280/271	9	
12	015	698	316	5	25/4	21	078	812	—		87/69	18	
TOTAL	277	375				106	3262	340	/			105 106 211	
							277	375					
DIFF ELEV BM 47-2							2984	965	/				NOTES: BM 47-2 (BM "A") E SIDE OF THE ARROYO SEE FB 1368-8

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F.B. 2829 PG. 48

SURVEY OF LA Co. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED DATE

JOB NO. 0301.02

WEATHER Sunny INST. NO. 15234

TIME 11:30 to 12:45 ROD NO. 75 & 76

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 47-2 TO BM 47-1
BM 47-2													BM 47-2 (BM "A")
1	090	352	—		98 / 81	17	027	200	328	5	37 / 16	21	E SIDE OF ARROYO WASH
2	284	980	585	5	289 / 279	10	019	410	320	5	22 / 16	6	SEE FB 1368-8
3	296	363	597	5	298 / 293	5	034	521	335	5	37 / 31	6	(FC MON)
+1 4	287	945	588	5	290 / 284	6	027	537	328	5	29 / 25	4	
5	298	414	599	5	301 / 295	6	007	828	308	5	10 / 4	6	
6	293	019	594	5	295 / 291	4	012	183	313	5	14 / 10	4	
7	284	464	585	5	286 / 282	4	017	010	318	5	19 / 15	4	
8	284	715	585	5	286 / 282	4	014	345	315	5	16 / 12	4	
9	289	291	590	5	291 / 287	4	003	224	304	5	5 / 3 x2	4	
10	301	942	602	5	301 / 297 x2	8	041	320	342	5	45 / 37	8	
11	265	331	566	5	269 / 260	9	006	915	307	5	10 / 3	7	
12	300	677	601	5	300 / 285 x2	30	080	882	381	5	97 / 63	34	
TOTAL	3277	493	1			107	292	375				108 / 107	
	292	375									METERS	215	BM 47-1
DIFF/ELEV	2985	118	—										W. VENTURA St & N STERLING
BM 47-1													SEE FB 1368-7

PL

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

F. B. 2829 PG. 61

C. A. CO. PRECISE LEVEL NET

LINE #4

JOB NO. 0301.02

COMMENCING ON ALAMEDA & SLAUSON AVE'S, PROCEEDING EAST ON SLAUSON AVE TO ANAHEIM-TELEGRAPH RD, THEN S'E'LY ALONG ANAHEIM TELEGRAPH RD TO LEFFINGWELL RD. THEN ALONG LEFFINGWELL RD N'E'LY TO 1ST AVE. & END OF LINE.

GUIZADO	A.C.
GOBLE	A.L.
GLIDDEN	R.D.
LYBRAND	J.W.
BROWN	D.L.

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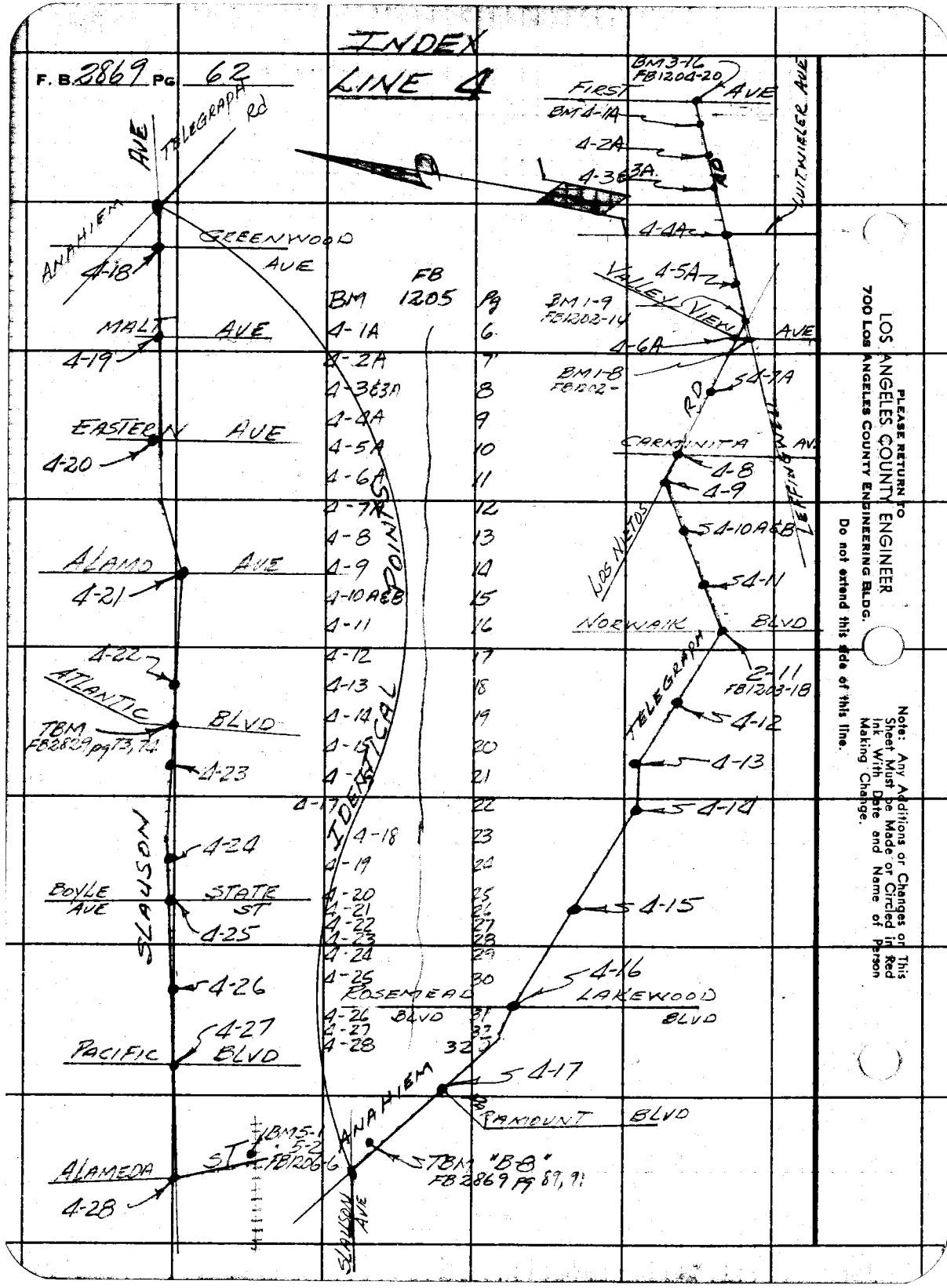
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 S&E #247 11-58

INDEX
LINE 4

F. B. 2869 PG 62

BM	FB 1205	Pg
4-1A		6
4-2A		7
4-3&3A		8
4-4A		9
4-5A		10
4-6A		11
2-7A		12
4-8		13
4-9		14
4-10A&B		15
4-11		16
4-12		17
4-13		18
4-14		19
4-15		20
4-		21
4-17		22
4-18		23
4-19		24
4-20		25
4-21		26
4-22		27
4-23		28
4-24		29
4-25		30
4-26		31
4-27		32
4-28		33



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700 Los Angeles County Engineering Bldg.
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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 [illegible] WEATHER HOT INST. NO. [illegible]

NOTES BY [illegible] DATE [illegible] TIME 8:45 9:50 ROD NO. [illegible]

INDEXED DATE NOTES CHKD. J.C.M. DATE 10-20-60

F.B. 2829 Pg 63

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM [illegible] 4-28 TO [illegible] 7
BM. 4-28									BM 4-28 WATTS H-2A
1	153	707	454 5	175 / 131 44	[illegible]	682	443 5	165 / 119 46	SLAUSON & ALAMDA Ave
2	158	[illegible]	459 5	187 / 134 48	[illegible]	[illegible]	477 5	188 / 134 44	SEE F.B. 1205-33
3	160	[illegible]	[illegible] 5	[illegible] 46	[illegible]	[illegible]	[illegible] 5	[illegible]	
4	73	[illegible]	[illegible] 5	[illegible]	157	[illegible]	458	[illegible]	
5	[illegible]	[illegible]	[illegible]	[illegible] 46	[illegible]	[illegible]	[illegible]	[illegible] 46	DAVE L BROWN
6	157	317	458 5	180 / 134 46	167	581	468 5	190 / 144 46	
7	157	329	458 5	180 / 134 46	[illegible]	782	463 5	[illegible] 46	
8	148	228	449 5	171 / 125 46	[illegible]	[illegible]	[illegible]	[illegible]	
9	172	713	475 5	197 / 151 46	153	692	454 5	176 / [illegible] 46	
10	145	692	[illegible] 5	[illegible] / 122 46	[illegible]	[illegible]	[illegible] 5	[illegible]	
11	154	[illegible]	455 5	177 / [illegible] 46	169	[illegible]	[illegible] 5	[illegible]	
12	130	[illegible]	431 5	[illegible] / 107 [illegible]	[illegible]	[illegible]	[illegible]	[illegible] / 120 [illegible]	BM 4-27 WATTS J-2B
13	154	[illegible]	455 5	172 / 126 36	[illegible]	893	470 5	192 / 158 34	SLAUSON & PACIFIC BLVD
[illegible]	2018	203		587	2085	1242		584	SEE F.B. 1205-32
DIFF ELEV					2018	203		587	
BM 4-27					66	9189		1171	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 4-27 TO BM 4-28
BM 4-27	[illegible]	[illegible]	476 5	2 / 158 [illegible]	[illegible]	[illegible]	451 5	[illegible] 36	BM 4-27 (Watts J-2B
2	140	120	141 5	163 / 117 46	127	465	428 5	155 / [illegible]	SLAUSON & PACIFIC BLVD
3	171	172	472 5	[illegible]	155	[illegible]	456 5	178 / 132 46	SEE FB 1205-32
4	180	059	48[illegible] 5	203 / 157 46	[illegible]	[illegible]	[illegible] 5	[illegible] / 124 47	
5	155	718	456 5	178 / 132 46	[illegible]	[illegible]	[illegible] 5	[illegible] 44	⊼ DATE BROWN
6	151	34[illegible]	[illegible] 5	[illegible] / 128 [illegible]	151	[illegible]	452 5	174 / 128 [illegible]	
7	164	259	46[illegible] 5	[illegible]	[illegible]	[illegible]	[illegible]	180 / 144 46	
8	157	703	468 5	[illegible]	158	[illegible]	459 5	[illegible] / 135 [illegible]	
9	167	415	[illegible] 5	[illegible]	156	[illegible]	457 5	179 / 133 [illegible]	
10	159	922	459 5	181 / 135 [illegible]	176	32[illegible]	477 5	197 / 153 46	
11	148	[illegible]	449 [illegible]	71 / 126 [illegible]	162	[illegible]	[illegible] 5	[illegible] / 134 46	
12	185	[illegible]	[illegible] 5	209 / 167 [illegible]	164	[illegible]	[illegible] 5	187 / 141 46	B.M. 4-28 (Watts H-2A
13	143	180	[illegible]	[illegible] / 126 45	159	369	[illegible] 5	143 / 136 47	SLAUSON & ALAMEDA AVE
TOTAL	2113	6 / 789			2[illegible]	[illegible]			SEE F.B. [illegible] -33
LIFT IN	[illegible]	993		583				588	
ELEV.	[illegible]	796						583	
BM 4-28		6						1171	

F.B. 2829 Pg. 64

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY A.C.C. NOTES R.C.

INDEXED H. E. OTT DATE 7-13-60

JOB NO. 0301.02

WEATHER HOT INST. NO. 25234

TIME 10:55 1150 ROD NO. 25891

NOTES CHKD JCM DATE 10-20-60

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. J. GUIZADO WEATHER: HOT

NOTES BY: DATE: 9-13-60 TIME: 9:50 10:20 INST. NO. 95034

CHECKED: H. E. OTT DATE: NOTES CHKD: JCM DATE: 10-20-60

F.B. 2209 PG. 165

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM 3-27 TO 4-26
3,[illegible] 4-27													B.M. 4-27 Watts J-28
1	[illegible]	12[illegible]	1[illegible]3	5	95 139	46	1[illegible]3	3[illegible]	1[illegible]	5	76 100	46	SLAUSON AVE & Pacific Blvd
													SEE FB 1205-32
2	128	351	429	5	151 105	46	142	149	443		165 119	46	
3	[illegible]	[illegible]	[illegible]	5	172 121	45	165	322	466		189 142	[illegible]	
4	150	134	451	5	173 127	46	165	247	466		189 142	46	
5	154	[illegible]	[illegible]	5	177 131	46	150	138	460		[illegible] 132	[illegible]	T [illegible]
6	160	085	461	5	184 136	48	201	35[illegible]	502	5	224 [illegible]	46	
7 [illegible]	905	511				277	1016	592				276	
[illegible]							905	511				277	
[illegible]							111	081				553	METERS
B.M. 4-26													B.M. 4-26 Watts J-26
													SLAUSON & SOTO St
													(MILES AVE)
													SEE F.B. 1205-31

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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 B.M. 4-26 TO B.M. 4-27
B.M. 4-26													B.M. 4-26 WATT J-2E
	20[illegible]	721	502	5	[illegible] 178	[illegible]	16[illegible]	29[illegible]	46[illegible]	5	184 136	48	SLAUSON &
2	158	13[illegible]	[illegible]	5	18[illegible] 35	[illegible]	153	321	454	5	17[illegible] 130	[illegible]	[illegible]LES AVE. (Soto St)
													SEE F.B. 1205-31
3	167	659	468	5	190 144	46	153	227	454	5	176 130	46	
4	169	832	470	5	[illegible] 146	46	[illegible]	253	[illegible]	5	177 131	46	DAVE BROWN
5	142	16[illegible]	[illegible]	5	165 [illegible]	46	[illegible]	[illegible]	[illegible]	[illegible]	15[illegible] 105	[illegible]	
6	183	68[illegible]	[illegible]	[illegible]	206 160	[illegible]	[illegible]	[illegible]	463	5	185 139	[illegible]	
TOTAL	1023	198					[illegible]	[illegible]				275	
DIFF. IN	71[illegible]	797				276						276	
ELEV.	111	20[illegible]										554	
B.M. 4-27													B.M. 4-27 WATTS J-2B
													SLAUSON &
													PACIFIC BLVD.
													SEE F.B. 2[illegible]5-32

F.B. 2829 PG. 66 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL N.

SURVEY BY [illegible] NOTES [illegible]

INDEXED H. E. OH DATE [illegible]

WEATHER HOT INST. NO. 75234

TIME 10:20 10:50 ROD NO. 95-96

NOTES CHKD JCM DATE 10-20-60

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 23 HOT WEATHER 407 INST. NO. 22334

NOTES BY F.E. OTT DATE 7-18-68 TIME 1:15 ROD NO. 8594

INDEXED DATE NOTES CHKD. JCM DATE 10-30-68

F.B. 2809 Pg. 67

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 4-26 TO BM. 4-25
BM. 4-26													BM. 4-26
1	154	707	453	5	205 / 160	45	179	673	480	5	322 / 156	45	SLAUSON & MILLS
													SEE F.B. 1205-31
2	132	332	433	5	155 / 129	26	154	821	485	5	207 / 161	46	
3	138	328	434	5	161 / 115	46	181	750	482	5	204 / 188	16	
4	35	161	436	5	158 / 112	46	171	733	472	5	204 / 123	81	
													↑ DAVE BROWN
5	125	335	422	5	166 / 120	46	168	944	461		115	[illegible]	
6	[illegible]	[illegible]	[illegible]	5	[illegible]	46	172	939	473		195 / 149	46	
7	152	646	[illegible]	5	167 / 137	30	214	348	515	5	229 / 199	30	
						305						306	
TOTAL	1128	359					1273	723				305	
												611	METERS
DIFF. IN ELEV.							1128	359					
							145	424					
BM. 4-25													BM. 4-25
													SLAUSON & STATE ST.
													SEE F.B. 1205-30

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 4-25 TO B.M. 4-26
B.M. 4-25													B.M. 4-25
1	213	902	514	5	198	30	[illegible]	127	452	5	166 136	30	SLAUSON & STATE
2	[illegible]	951	475	5	197 151	46	[illegible]	[illegible]	[illegible]	5	166 120	46	SEE F.B. 1205-30
3	169	650	[illegible]	5	[illegible]	[illegible]	146	[illegible]	[illegible]	5	169 123	46	
4	174	807	475	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	[illegible]	46	
5	[illegible]	431	[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	46	T. DAVE BROWN
6	[illegible]	381	[illegible]	5	[illegible]		[illegible]	[illegible]	[illegible]	5	[illegible]		
7	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	[illegible]		
TOTAL	[illegible]	[illegible]					[illegible]	[illegible]				306	
DIFF. IN	1043	401				306						306	
ELEV.	245	612										612	
B.M. 4-26													B.M. 4-26
													SLAUSON & [illegible]
													SEE F.B. 1205-31

F.B. 2829 PG. 68

JOB NO. 0301.02

SURVEY OF C.A.CO. PRECISE LEVEL Nº

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

INDEXED H.E. OTT DATE 9-[illegible]-60

WEATHER GOOD INST. NO. N-3 75234

TIME 8:25 ROD NO. 95C96

NOTES CHKD. VCM DATE 10-20-60

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] WEATHER HOT INST. NO. 75234

NOTES BY [illegible] DATE [illegible] TIME [illegible] ROD NO. 95896

INDEXED H. E. OTT DATE [illegible] NOTES CHKD. JCM DATE 10-20-60

F.B. 2809 Pg. 69

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM. 4-25 TO B.M. 4-24
BM 4-25									BM 4-25
1	[illegible]	[illegible]	[illegible] 5	205 / 160 45	[illegible]	775	[illegible]	207 / 163 46	[illegible]
									SEE F.B. 1205-30
2	176	106	477 5	199 / 153 46	158	355	[illegible]	181 / 135 46	
3	[illegible]	070	[illegible] 5	162 / 116 46	168	539	469 5	[illegible] 46	
4	142	743	443 5	162 / 122 40	161	663	462 5	182 / 140 42	
									⊼ DAVE BROWN
5	164	589	470 5	190 / 148 42	176	812	[illegible] 5	[illegible] / 156 [illegible]	
6	157	059	[illegible] 5	177 / 137 [illegible]	147	062	445 5	166 / 128 38	
7	[illegible]	[illegible]	473 5	195 / 149 46	154	541	435 5	177 / 131 46	
8	172	280	473 5	[illegible] 46	158	[illegible]	[illegible] 5	181 / 135 46	
9	[illegible]	088	500 5	[illegible] / 176 46	089	484	390 5	[illegible] / 66 46	
10	103	018	[illegible] 5	[illegible] / 80 [illegible]	195	931	[illegible] 5	[illegible]	
11	140	243	441 5	159 / 121 38	174	201	475 5	[illegible] / 155 38	
									BM-4-24
12	147	727	448 5	170 / 124 46	177	241	478 5	200 / 154 46	SLAUSON & EVERETT
13	152	379	453 5	[illegible] / 135 26	194	519	498 5	[illegible] / 184 26	SEE F.B. 1205-29
TOTAL	2054	493		553	2146	732		553	
DIFF. MIN					2054	493		553	
ELEV.					92	239		1106	METERS
BM 4-24									

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2829 PG. 70 — L.A. CO. PRECISE LEVEL NET — JOB NO. 0331 02

SURVEY OF _____ SURVEY BY H.C.C. NOTES R.C. INDEXED J.E. OTT DATE 9-13-60

WEATHER WET TIME 2:35 3:45 NOTES CHKD JCM INST. NO. 13 25234 ROD NO. 75E96 DATE 10 Nov 60

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 4-24 TO BM 4-25
B.M. 4-24	145	168	492 5	189 26	141	400	499 5	152 26	BM 4-24
2	175	731	477 5	201 155 46	150	335	401 5	173 127 46	SLAUSON & EVERETT
3	171	437	439 5	196 158 38	134	292	400 5	160 120 38	STE. F.B. 1205-29
4	196	072	477 5	179 133 46	177	435	436 5	130 84 46	
5	088	515	399 5	111 65 46	200	50	501 5	173 127 46	
6	154	151	402 5	192 150 42	169	130	400 5	172 130 42	↑ DAVE BROWN
7	152	139	455 5	137 121 16	106	312	405 5	189 143 46	
8	142	812	443 5	167 122 46	157	205	458 5	177 131 46	
9	174	208	415 5	192 159 42	169	777	470 5	190 148 42	
10	168	209	419 5	199 125 74	156	211	451 5	176 130 46	
11	173	551	474 5	196 150 46	137	417	439 5	150 104 46	
12	168	890	464 5	156 110 46	147	421	443 5	170 124 46	BM 4-25
13	165	111	464 5	137 143	131	573	482 5	219 173 46	SLAUSON & STATE ST
TOTAL	2139	104			2016	621		559	SEE F.B. 1205-30
DIFF. IN	2013	621		456				556	
ELEV.	92	483						1110	
BM 4-25									

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.

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 4-24 TO BM 4-2[illegible]
BM 4-24													BM 4-24 (WATTS L2B
1	159	092	460	5	182 / 135	47	181	946	482	5	204 / 158	46	SLAUSON AVE &
2	138	663	439	5	161 / 115	46	179	312	480	5	202 / 156	46	EVERETT AVE SEE F.B 1205-29
3	171	634	472	5	194 / 148	46	158	911	459	5	181 / 135	46	
4	168	473	469	5	191 / 145	46	160	346	461	5	183 / 137	46	
5	165	879	466	5	188 / 142	46	171	748	472	5	194 / 148	46	⊼ R.D. GLIDDEN
6	149	695	450	5	172 / 126	46	170	148	477	5	193 / 147	46	
7	150	647	451	5	173 / 127	46	173	789	476	5	196 / 132	46	
8	144	668	445	5	171 / 121	46	171	910	472	5	194 / 148	46	
9	145	521	446	5	168 / 122	46	174	690	475	5	197 / 151	46	
10	132	692	433	5	155 / 109	46	213	561	514	5	236 / 190	46	
11	159	447	460	5	188 / 136	46	189	753	490	5	212 / 166	46	
12	149	918	450	5	178 / 126	46	183	674	484	5	206 / 160	46	
13	145	902	446	5	184 / 136	48	196	282	497	5	205 / 187	48	BM 4-23
TOTAL	~~1991~~	~~731~~	CM			571	2328	086	CM			570	SLAUSON AVE &
	1981	631					1991	631				571	FLORA AVE
							~~326~~	~~355~~	CM			1141	SEE F.B 1205-28
DIFF IN ELEV BM 4-23							346	455					

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

SURVEY BY [illegible] WEATHER Hot & CLEAR INST. NO. 75 L34

NOTES BY [illegible] DATE [illegible] TIME 3.45 TO 10.20 ROD NO. 95 [illegible]

INDEXED H. E. OTT DATE NOTES CHKD. JCM DATE 10-20-68

F.B. [illegible] PG. 71

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.

WEATHER Hot TEMPERATURE INST. NO. N3 75234
TIME P.30 TO 2.16 ROD NO. 95 836
NOTES CHKD JCM DATE 11 20 68

F.B. 2829 PG. 72 JOB NO. 030102
SURVEY OF FT M DIST TEST NET
SURVEY BY ACG NOTES ALG 9-14
INDEXED H.E. OTT DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 4-23 TO BM 4-24
BM 4-23	197	792	499	5	188	18	149	423	450	5	[illegible]	18	BM 4-23
2	185	833	486	5	122	46	[illegible]	[illegible]	[illegible]	5	165	46	SLAUSON AVE & [illegible]
3	181	999	[illegible]	[illegible]	158	46	154	709	455	5	131	46	SEE F.B. 1205-28
4	208	432	509	5	[illegible]	46	129	410	430	5	[illegible]	46	
5	171	242	472	5	[illegible]	[illegible]	143	345	[illegible]	5	[illegible]	[illegible]	
6	[illegible]	375	473	5	[illegible]	[illegible]	144	999	[illegible]	[illegible]	[illegible]	46	
7	176	326	477	5	153	46	150	345	457	5	[illegible]	46	↑ R. D GLIDDEN
8	[illegible]	317	471	5	147	46	150	[illegible]	[illegible]	5	[illegible]	46	
9	170	620	471	5	147	46	156	678	457	5	133	46	
10	151	142	452	5	128	46	166	677	467	5	[illegible]	46	
11	157	416	458	5	134	[illegible]	171	221	472	5	[illegible]	[illegible]	
12	[illegible]	[illegible]	[illegible]	5	156	46	138	[illegible]	439	5	115	46	
13	183	432	484	5	160	46	161	358	462	5	138	46	BM 4-24 (WATTS L2-B
TOTAL	~~2145~~ 2306	~~734~~ 051 ✓	CM		2306	051	1809 1959	~~[illegible]~~ 591 ✓	CM			570 570 1140	SLAUSON AVE & EVERETT ST
	~~[illegible]~~	~~[illegible]~~			1959	591							SEE F.B 1205-29
Diff in Elev BM 4-24	~~[illegible]~~	~~[illegible]~~			346	460 ✓							

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM [illegible] TO [illegible]
BM 4-23	174	821	475	5	196 / 151	45	174	913	475	5	[illegible]	46	BM 4-23
2	149	732	450	5	172 / 126	46	167	035	468	5	[illegible]	46	SLAUSON AVE & FLORA AVE
3	[illegible]	330	457	5	[illegible]	46	175	[illegible]	476	5	[illegible]	46	SEE F.B. 1205-28
4	144	378	445	5	158 / 130	28	165	862	466	5	178 / 151	27	
	619	861	C.M.			165	682	974	C.M.			165 / 135 / 330	
							619	861					T.R.D. GLIDDEN
[illegible]							63	113	C.M.				
T. BM													T.B.M. SE COR
1	168	440	[illegible]	5	[illegible]	44	168	887	[illegible]		[illegible]	44	SLAUSON AVE & ATLANTIC BLVD
2	154	338	[illegible]	5	[illegible]	46	180	[illegible]	471	5	203 / 151	46	Fd Btspk; 10' E. of E. end CR
3	148	[illegible]	[illegible]	5	[illegible]	46	218	415	513	5	[illegible]	46	FB 2862 pg. 7-10
TOTAL	470	793	C.M.			130	567	536	C.M.			130 / 130 / 260	
							470	793					
[illegible]							96	743	C.M.				
BM 4-22													BM 4-22 (BELL B-2)
													SLAUSON AVE & [illegible]
													KING AVE
													SEE F.B. 1205-27

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

SURVEY BY [illegible]

NOTES BY [illegible] DATE [illegible]

INDEXED H. E. OTT DATE [illegible]

WEATHER HOT & CLEAR INST. NO. [illegible]

TIME [illegible] ROD NO. [illegible]

NOTES CHKD. JCM DATE 10 [illegible]

F.B. 2829 PG. 73

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. 2829 PG. 74 C.A. CO. PROJ. 03011.02 PR. 19 INST. NO. 35234

SURVEY OF ACG NOTES ALC 9-14-60 ROD NO. 35 & 36

SURVEY BY B. E. OTT DATE 10-8-68

INDEXED WEATHER HOT & CLEAR TIME 11:45 TO NOTES CHKD VCM

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 4-22 TO BM 4-23
BM 4-22													BM 4-22 CBELL B-2
1	216	202	517	5	186 / 136	50	144	712	445	5	164 / 124	40	SLAUSON AVE & 2198±E OF
													KING AVE
2	177	159	478	5	200 / 154	46	153	480	434	5	171 / 136	40	SEE F.B. 1205-27
3	167	658	400	5	[illegible]	43	166	081	467	5	187 / 144	43	
TOTAL	561	019 CM				129	464	273	CM			129	R.D GLIDDEN
	469	273										129	
DISS IN ELEV	96	746 CM										258	
TBM													TBM CBX
1	162	040	463	5	176 / 148	28	136	724	437	5	149 / 122	27	SLAUSON AVE SOUTH SIDE
													& ATL-TIC BLVD 1st E
2	170	285	471	5	193 / 147	46	149	718	450	5	[illegible]	46	AND CONC REC NI
													FB 2862 pg. 7-10
3	164	413	465	5	187	42	149	438	450	5	171 / 126	45	
4	179	486	480	5	[illegible]	[illegible]	[illegible]	001	478	5	189 / [illegible]	45	
TOTAL	676	024 CM					[illegible]	881	CM			163	
	612	881				166						166	
DISS IN ELEV	63	143 CM										329	
BM 4-23													BM 4-23
													SLAUSON AVE &
													FLORA AVE
													SEE F.B 1205-28

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 4-22 TO BM 4-21
BM 4-22													BM 4-22 CBL... B-2
1	197	212	498	5	220 / 174	46	170	185	471	5	193 / 147	46	SLAUSON AVE & 219 Ft ± E OF
2	145	55[illegible]	[illegible]	5	[illegible]	[illegible]	171	235	472	[illegible]	[illegible] / 148	46	KING AVE
3	143	308	444	5	[illegible] / 120	46	182	188	483	5	[illegible] / 153	46	SEE F.B. 1205-27
4	141	[illegible]	442	5	[illegible] / 117	46	174	303	475	5	[illegible] / 151	46	
5	[illegible]	[illegible]	482	5	154 / 108	46	141	248	442	5	[illegible] / 118	[illegible]	⊼ R.D. [illegible]
6	46	627	447	5	[illegible] / 123	46	[illegible]	712	465	5	187 / 141	46	
7	153	951	454	5	176 / 130	46	165	951	466	5	188 / 142	46	
8	151	392	452	5	174 / 128	46	167	958	468	5	190 / 144	46	
9	156	839	457	5	174 / 138	36	211	173	512	5	229 / 193	36	
TOTAL	1368	181	CM			404	1549	913	CM			404 / 404	
							1368	181				808	METERS
DIFF IN ELEV BM 4-21							180	832	CM				BM 4-21
													SLAUSON AVE & ALAMO AVE
													SEE FB 1205-26

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

SURVEY BY [illegible] DATE [illegible]

NOTES BY H. E. OTT DATE [illegible]

INDEXED DATE

WEATHER [illegible] TIME [illegible] 11.15

NOTES CHKD. JCM DATE 10-20-60

F.B. 2829 Pg. 75

INST. NO. N3 75234

ROD NO. [illegible]

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 4-21 TO BM 4-22
BM 4-21													BM 4-21
1	211	802	512	5	229 / 199	36	157	886	458	5	175 / 139	36	SLAUSON AVE & ALAMO AVE
2	168	570	469	5	191 / 145	46	151	538	452	5	175 / 128	46	SEE FB 1205-26
3	163	618	464	5	186 / 140	46	151	920	452	5	174 / 128	46	
4	165	200	466	5	188 / 142	46	147	700	448	5	170 / 124	46	
5	137	694	438	5	160 / 114	46	127	659	408	5	150 / 104	46	⊼ R.D GLIDDEN
6	172	630	473	5	195 / 149	46	138	740	439	5	161 / 115	46	
7	178	774	479	5	201 / 155	46	140	779	441	5	163 / 117	46	
8	167	953	468	5	190 / 144	46	143	900	444	5	166 / 120	46	
9	173	330	474	5	190 / 150	46	198	704	499	5	221 / 175	46	
TOTAL	1539	631	CM			404	1358	826	CM			404	
	1358	826										404	
Diff in Elev	180	805	CM									808	
BM 4-22													BM 4-22 C BELL B-2
													SLAUSON AVE & 219 ft ± E OF
													KING AVE
													SEE F.B. 1205-27

F.B. 2829 Pg. 76 JOB NO. 0301.02

SURVEY OF C. A. CO. PRECISE LEVEL NF

SURVEY BY ACG NOTES ALG 9-14-60

INDEXED H. E. OTT DATE

WEATHER HOT & CLEAR INST. NO. 75234

TIME 11:20 TO 11:45 ROD NO. 95696

NOTES CHKD JCM DATE 10-20-60

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. 0901.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

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

NOTES BY [illegible] DATE 9-12 TIME [illegible] ROD NO. [illegible]

INDEXED H. E. OH DATE [illegible] NOTES CHKD [illegible] DATE 12-24-68

F.B. [illegible] Pg. 77

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 4-21 TO BM 4-20
BM 4-21	294	048	535	5	294 / 28 1/2	26	050	608	351	5	62 / 33	30	BM 4-21
2	[illegible]	[illegible]	[illegible]	5	229 / 189	40	030	120	331	5	43 / 5	38	SLAUSON AVE & ALAMEDA
3	036	215	337	5	44 / 27	17	268	[illegible]	300	5	[illegible]	-	SEE F.B. 1205-26
4	017	804	318	5	21 / 12	9	288	331	589	5	292 / 283	9	
5	033	814	334	5	37 / 28	9	293	487	[illegible]	5	298	11	
6	150	402	[illegible]	5	135 / [illegible]	36	164	173	465	5	147	20	TRACK CLEARANCE
7	150	330	457	5	142 / 129	13	[illegible]	282	343	5	59 / 53	7	
8	[illegible]	109	[illegible]	5	[illegible]	8	005	318	310	5	13 / 4	9	
9	483	14	331	5	293 / 284	9	006	802	307	5	3 / 2	8	
10	285	957	556	5	276 / 234	42	465	301	366	5	291 / [illegible]	[illegible]	
11	[illegible]	184	[illegible]	5	31 / 8	46	243	274	544	5	223 / 223	[illegible]	
12	111	[illegible]	41[illegible]	5	134 / 88	46	172	525	973	5	125 / 78	47	
13	[illegible]	208	428	5	151 / 103	48	166	823	467	5	188 / 142	46	
14	139	465	440	5	165 / 116	46	151	912	452	5	174 / 128	46	
SUM	[illegible]	2128	076	[illegible]		465	2154	045				409	

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 4-21 TO BM 4-20
SUB TOTAL	2128	076	CM				2154	045	CM				
15	132	770	433	5	155 / 108	47	173	[illegible]	474	5	196 / 150	46	
16	139	723	440	5	162 / 116	46	150	284	[illegible]	5	175 / 129	46	
17	141	301	442	5	164 / 118	46	163	887	464	5	18[illegible] / 140	46	
18	146	353	447	5	167 / 125	42	212	510	513	5	231 / 193	38	
TOTAL	2688	223	CM			586	2855	921	CM			585 / 586	
							2688	223				171	METERS
Diff in Elev BM 4-20							167	698	CM				BM 4-20 SLAUSON AVE & EASTERN AVE SEE F.B 1205-25

F.B. 2829 PG. 78 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG

INDEXED H. E. OTT DATE

WEATHER HOT & HAZY INST. NO. 75234

TIME 2:30 TO 3:40 ROD NO. 95896

NOTES CHKD JCM DATE 10-20-60

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] WEATHER Hazy Sun INST. NO. [illegible]

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

INDEXED H. E. OTT DATE NOTES CHKD [illegible] DATE [illegible]

F.B. [illegible] Pg. 79

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM4-20 TO BM4-21
BM4-20													B.M. 4-20
1	206	337	507	5	225 / 184	38	~~142~~ 140	212	441	5	160 / 119	41	Slauson Ave & Eastern Ave See F.B. 205-25
2	164	987	465	5	187 / 141	46	141	218	442	5	164 / 118	46	
3	150	408	451	5	173 / 127	46	138	468	439	5	161 / 115	46	
4	179	595	480	5	202 / 156	46	136	772	437	5	159 / 113	46	
5	151	378	452	5	174 / 127	47	147	535	448	5	170 / 124	45	π A. Goble
6	185	822	486	5	208 / 162	46	140	828	441	5	163 / 117	46	
7	165	150	466	5	188 / 142	46	090	904	391	5	113 / 67	46	
8	222	050	523	5	245 / 199	46	003	520	304	5	26 / 3	46	
9	256	384	557	5	278 / 235	43	243	143	544	5	264 / 222	42	
10	006	941	307	5	1[illegible] / 6[illegible]2	10	296	157	597	5	30[illegible] / 291	09	
11	016	448	317	5	20 / [illegible]	09	291	413	592	5	295 / 28[illegible]	08	
12	034	385	335	5	41 / 24	14	149	051	450	5	1[illegible] / 14	46	
13	157	262	458	5	140 / 134	46	148	835	449	5	171 / 125	46	
Sm. [illegible]	1897	1471					~~2070~~ 2068	~~056~~ 056					

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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 4-20 TO B4-21
Sub total	1897	4 187					2069 2070	056 056					
14	284	008	585	5	289 278	11	024	251	325	5	28 19	09	
15	263	360	564	5	268 259	09	000	481	301	5	[illegible]	10	
16	275	560	576	5	283 267	16	037	248	338	5	95 28	17	
17	029	227	330	5	48 10	38	208	913	509	5	227 189	38	
18	035	904	336	5	50 20	30	278	538	579	5	293 263	30	
Total	2785	206					~~2619~~	387				587	
	2617	4 387				587	2617	487				587	
Diss in blow	167	819										1174	
BM 4-21													BM 4-21 Slauson & Alamo Ave. Sec. F.B. 1205-26

F.B. 2829 PG. 80 JOB NO. 0301.02

SURVEY OF F A CO PRECISE LEVEL NET

SURVEY BY A.C. Guzman NOTES [illegible]

INDEXED N.E. OTT DATE

WEATHER Hazy sun INST. NO. 75234

TIME 11:00 to 12:00 ROD NO. 95896

NOTES CHKD JCM DATE 10-20-60

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] WEATHER [illegible] INST. NO. [illegible]

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

INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE [illegible]

F.B. [illegible] Pg. [illegible]

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 4-20 TO BM 4-19
BM 4-20													B.M. 4-20
1	185	905	476	5	208 / 152	42	155	197	456	5	178 / 132	46	Slauson Ave & Eastern Ave
2	141	087	442	5	158 / 118	42	149	390	400	5	180 / 133	46	See [illegible] 1205-25
3	146	568	447	5	169 / 123	46	156	649	457	5	179 / 133	46	
4	140	525	441	5	163 / 117	46	158	266	459	5	181 / 135	46	
5	136	931	437	5	161 / 111	50	170	869	471	5	185 / 135	50	
6	152	592	455	5	177 / 131	46	134	462	435	5	177 / 131	46	+ A. Goble.
7	175	107	476	5	198 / 152	46	138	111	439	5	164 / 118	46	
8	172	827	473	5	195 / 149	46	135	570	436	5	172 / 126	46	
9	166	548	467	5	189 / 143	46	105	231	406	5	128 / 82	46	
10	146	808	447	5	168 / 124	44	131	083	432	5	152 / 110	42	
11	[illegible]	[illegible]	[illegible]	[illegible]	191 / 145	46	143	915	444	5	166 / 125	46	
12	166	645	467	5	189 / 143	46	131	492	432	5	159 / 108	46	
13	147	412	448	5	172 / 122	50	191	668	492	5	166 / 116	50	
Sub Total	2069	25-1					1861	909					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 4-20 TO BM 4-19
Sub total	2069	251					1861	909					
14	169	483	470	5	192 / 145	47	128	039	429	5	151 / 105	46	
15	177	857	478	5	202 / 155	45	142	790	443	5	165 / 120	45	
16	163	380	464	5	185 / 140	45	136	108	437	5	159 / 113	46	
17	142	551	443	5	155 / 128	27	182	639	483	5	192 / 122	20	
Total	2722	522				768	2451	485				769	
	2451	485										768	
												1537	METERS
Diff. in Elev.	271	037											
B.M. 4-19													B.M. 4-19
													Slauson Ave & [illegible] Ave
													See FB 1205-24

F.B. 2829 PG. 82

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY [illegible] NOTES J.W. Lybrand

INDEXED H. E. OTT DATE Sept 15 1960

WEATHER Hazy 54°F INST. NO. 75238

TIME 8:45 to 9:50 ROD NO. 95E96

NOTES CHKD J.C.M. DATE 10/24/60

76P5268 CD 908 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] WEATHER [illegible] INST. NO. [illegible]

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

INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE [illegible]

F.B. [illegible] Pg. 83

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 4-19 TO BM 4-20
BM 4-19													BM 4-19
1	164	895	485	5	198 / 175	28	147	377	448	5	161 / 133	28	S/2 USGS Tyr & Hole A-2
2	140	442	441	5	163 / 117	46	163	352	464	5	186 / 140	46	See FB 1205-24
3	139	938	420	5	161 / 117	44	176	685	490	5	[illegible]	45	
4	129	711	430	5	152 / 106	46	170	952	497	5	193 / 147	46	
5	138	721	439	5	162 / 113	49	160	450	462	5	191 / 142	49	
6	132	728	433	5	155 / 109	46	162	142	463	5	185 / 139	46	
7	141	935	442	5	164 / 118	46	156	740	457	5	179 / 133	46	
8	122	782	423	5	143 / 101	42	152	431	453	5	174 / 130	44	
9	120	192	421	5	143 / 97	46	180	387	481	5	203 / 157	46	
10	141	895	442	5	165 / 118	47	170	180	471	5	193 / 145	46	
11	129	311	430	5	152 / 105	47	175	628	476		197 / 152	45	
12	134	582	435	5	157 / 111	46	154	283	455	5	177 / 131	46	
13	166	407	467	5	191 / 141	50	131	907	432		156 / 106	50	
Sub Total	1823	815					2109	316					

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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 4-19 TO BM 4-20
Sub total	1823	815					2109	316					
14	161	294	462	5	187 / 138	46	144	355	445	5	164 / 121	46	
15	157	988	458	5	180 / 134	46	148	013	449	5	171 / 125	46	
16	164	450	465	5	187 / 141	46	146	690	447	5	169 / 123	46	
17	156	059	457	5	179 / 133	46	186	460	487	5	209 / 163	46	
Total	2463	606					[illegible]	[illegible]					
						767	[illegible]	[illegible]				767	
Diff in Elev B.M. 4-20							271	228				767 / 1534	BM 4-20 Slauson Ave & Eastern Ave See FB 1305-[illegible]

F.B. 3829 PG. 84 JOB NO. 0301.02

SURVEY OF A.T.O. PRECISE LEVEL NET

SURVEY BY ACG NOTES JW Lybrand

INDEXED H.E. Ott DATE

WEATHER Hazy Sun INST. NO. 75234

TIME 9:50 to 10:45 ROD NO. 95896

NOTES CHKD JCM DATE 10-20-60

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] DATE Sept 15, 1960 WEATHER Sunny INST. NO. [illegible]

NOTES BY [illegible] DATE TIME 1:35 ROD NO. [illegible]

INDEXED H. E. OTT DATE NOTES CHKD. [illegible] DATE [illegible]

F.B. 2829 Pg. 85

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 4-19 TO BM 4-18
B.M. 4-19													B.M. 4-19
1	204	738	505	5	227 / 181	46	156	666	457	5	179 / 133	46	Slauson Ave & Malt Av. See F.B. 1205-24
2	189	137	490	5	212 / 166	46	144	620	445	5	167 / 121	46	
3	163	222	464	5	186 / 140	46	146	520	447	5	160 / 123	46	
4	171	719	472	5	194 / 148	46	139	481	440	5	162 / 116	46	
5	166	005	467	5	182 / 150	32 / 216	148	375	449	5	163 / 132	31	
total	894	821					735	662				215 / 216 / 431	METER
	735	662											
Diff in Elev.	159	159											
TBM													T.B.M. (S.D.-2121)
1	176	766	477	5	199 / 153	46	178	244	479	5	202 / 154	48	Slauson Ave & Garfield Northwest corner, nail & head one foot north of north end curb return
2	183	102	484	5	207 / 160	47	143	092	444	5	166 / 120	46	
3	162	537	463	5	185 / 139	46	118	702	419	5	141 / 95	46	
4	178	241	479	5	201 / 155	46	143	839	444	5	166 / 120	46	
5	184	171	485	5	207 / 161	46	112	150	413	5	135 / 89	46	
6	165	967	466	5	188 / 142	46	134	013	435	5	157 / 111	46	
7	168	809	469	5	191 / 145	46	146	888	447	5	160 / 123	46	
Sub total	1219	613					976	928					

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F.B. 3829 PG. 86 JOB NO. 0391.02

SURVEY OF L.A. CO. PRF. ISF I FVFI NP

SURVEY BY B.C. Gazaro NOTES 4-4-4-6-27

INDEXED B.E. Ott DATE

WEATHER Sunny

TIME 1:35 to 2:00

NOTES CHKD V.C.M. DATE 10-1-62

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 4-19 TO BM 4-18
Sub-total	1219	613					976	928					
8	173	781	474	5	158	46	143	591	444	5	166 / 120	46	
9	160	548	461	5	183 / 139	46	158	651	459	5	181 / 135	46	
10	171	392	472	5	194 / 148	46	143	712	444	5	166 / 120	46	
11	157	402	458	5	180 / 134	46	147	078	448	5	170 / 124	46	
12	165	579	466	5	188 / 142	46	144	027	445	5	167 / 121	46	
13	164	211	465	5	185 / 142	43	195	453	496	5	216 / 174	42	
Total	2212	526					1909	420					
	1909	420				596						596	
												596	
Dif in Elev BM 4-18	303	106										1192	BM 4-18 (CV 1554 LACO Bd West) Slauson Ave & Greenwood Ave See F.B. 1205-23

76P526B CE # 306 8-59

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Do not extend notes this side of this line.

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

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

NOTES BY [illegible] DATE [illegible] TIME 2:30 to 3:30 ROD NO. [illegible]

INDEXED H. E. OTT DATE NOTES CHKD. [illegible] DATE [illegible]

F.B. 2829 Pg. 87

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 4-18 TO BM 4-19
BM 4-18													B.M. 4-18 (SY1569) LA Co Rd Dept
1	194	633	495	5	215 / 173	42	163	718	464	5	185 / 142	43	Slauson & Greenwood Ave
													See F.B. 1205-23
2	142	892	443	5	165 / 119	46	164	140	465	5	187 / 141	46	
3	146	211	447	5	169 / 123	46	164	708	465	5	187 / 141	46	
4	148	099	449	5	171 / 125	46	148	942	449	5	171 / 125	46	
5	140	211	441	5	163 / 117	46	161	448	462	5	184 / 138	46	
6	146	868	447	5	169 / 123	46	176	658	449	5	199 / 153	46	A. Goble
7	142	250	443	5	165 / 119	46	163	668	464	5	186 / 140	46	
8	138	486	439	5	161 / 115	46	171	132	472	5	194 / 148	46	
9	117	270	418	5	140 / 94	46	185	132	486	5	208 / 162	46	
10	141	287	442	5	164 / 118	46	179	150	480	5	202 / 156	46	
11	118	088	419	5	141 / 95	46	162	573	463	5	185 / 139	46	
12	146	512	447	5	169 / 123	46	164	673	465	5	187 / 141	46	
13	159	132	460	5	182 / 135	47	178	763	479	5	201 / 155	46	
Tot	1881	939				595	2184	705				595 / 595	
							1881	939			METERS	1190	TBM (SD 2121)
DIFF/ELEV							302	766					Description next page

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Do not extend notes this side of this line.

WEATHER Sunny INST. NO. 75-224

TIME 2:30 to 3:00 ROD NO. 8-18-76

NOTES CHKD. VCM DATE 12-20-66

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 4-18 TO B.M. 4-19
TBM													
1	157	693	452	5	162 / 156	31	169	010	470	5	186 / 153	33	TBM (SD-2121) Slauson Ave & Garfield Northwest corner, pedestal one foot north of north end curb return
2	138	639	439	5	162 / 115	47	171	171	472	5	193 / 148	45	
3	157	312	452	5	174 / 128	46	166	115	469	5	191 / 145	46	
4	141	128	448	5	186 / 139	46	191	123	492	5	214 / 168	46	
5	156	275	459	5	190 / 153	46	201	140	505	5	237 / 191	46	
Total	745	049				216	964	050				216	
							745	049					
							159	012				432	METERS
25 meters to B.M. 4-19													B.M. 4-19 Slauson Ave & Main Ave. See F.B. 2855-24

F.B. 2829 Pg. 88

SURVEY OF L.A. CO. PRECISE LEVEL NET JOB NO. 2331.22

SURVEY BY H.C. & W.A. NOTES

INDEXED H. E. Ott DATE

76P526B CE # 308 8-59

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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.

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

SURVEY BY H.C. Guizado WEATHER Cloudy INST. NO. 95 [illegible]

NOTES BY D.L.C. DATE 9-16-60 TIME 8:30 - 9:35 ROD NO. [illegible]

INDEXED H. E. Ott DATE NOTES CHKD. [illegible] DATE [illegible]

F.B. [illegible] Pg. [illegible]

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM 4-18 To T.B.M.
BM 4-18													BM 4-18 (SY 1569) [illegible]
1	185	364	486	5	162 / 208	46	157	566	458	5	134 / 180	46	Slauson Ave [illegible]
													See FB 1205
2	175	169	476	5	152 / 198	46	187	137	488	5	164 / 210	46	
3	152	285	453	5	129 / 175	46	165	381	466	5	142 / 188	46	
4	153	409	454	5	130 / 176	46	185	189	486	5	162 / 208	46	
5	139	239	440	5	116 / 162	46	202	423	503	5	179 / 225	46	T. Lybrand
6	151	732	452	5	128 / 174	46	170	079	471	5	147 / 193	46	
7	155	801	456	5	133 / 177	44	176	579	477	5	154 / 197	43	
8	173	953	474	5	150 / 196	46	164	168	465	5	141 / 187	46	
9	182	184	483	5	159 / 205	46	142	139	443	5	119 / 165	46	
10	140	088	441	5	117 / 163	46	114	631	415	5	91 / 137	46	
11	177	971	478	5	159 / 195	36	143	146	444	5	125 / 161	36	
Total	1787	195				444	1808	438				453 / 444 / 987	Meters
							1787	195					
Diff. in Elev. TBM.							21	243					

T.B.M.

Perm. E 485.4 ± S'ely from Telegraph Rd, Fd Pt Spk on N'wly end of Bridge on N. Hdwall Mk'd "BM B-3"

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WEATHER WORM INST. NO. N3-75234
TIME 1130 1145 ROD NO. 95 & 96
NOTES CHKD. VCM DATE 10-20-60

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM T.B.M. TO B.M. 4-18
T.B.M.													TBM
1	140	849	441	5	122 158	36	177	427	478	5	159 195	36	Rec'd & Sight Sy from Telegraph Co, Fd BT spk on N'ly end of Bridge on N Hill St Mkd "BM 3-8"
2	114	188	415	5	91 137	46	138	753	439	5	115 161	46	
3	142	231	443	5	119 165	46	178	231	479	5	155 201	46	
4	165	581	466	5	142 188	46	178	382	479	5	155 201	46	
5	176	754	477	5	155 198	43	156	532	457	5	134 178	44	
6	165	972	466	5	142 188	46	134	186	435	5	111 157	46	
7	190	184	491	5	213 167	46	140	912	441	5	163 117	46	
8	184	041	485	5	207 161	46	150	813	451	5	173 127	46	
9	159	898	460	5	182 136	46	147	920	448	5	170 124	46	
10	159	840	460	5	182 136	46	126	861	427	5	149 103	46	
11	136	503	437	5	159 113	46	184	702	485	5	207 161	46	
Total	1736 1714	041 719				493	1714	719				494 493 987	BM 4-18 (Sy-1569) LA Co Rd Dept Sepulveda Ave & Greenwood St See FB 1205-23
Diff. in Elev. BM 4-18	21322												

F.B. 2829 PG. 90 C.A. CO. PRECISE LEVEL NO. 0301.02
SURVEY OF
SURVEY BY H.C.G. NOTES D.L.B.
INDEXED H.E.O.N. DATE 9-16-60

76P526B CE # 308 8-59

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

SURVEY BY D.A. B.C. Guilbault WEATHER Clear

NOTES BY H.E. Ott DATE 9-16-60 TIME 0:35 TO 11:40 INST. No. 135238 ROD NO. 5286

INDEXED DATE NOTES CHKD. LCH DATE 12-10-60

F.B. 2829 Pg. 91

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From TBM To BM 4-17
T.B.M.													T.B.M.
1	047	138	348	5	47.2 63	32	021	351	322	5	04 38	34	Perry & 485' ± SE'ly From Tele-Graph Rd, Fd BT Spk. on N'ly end of Bridge on N Hawaiian Ave "BM B-8"
2	159	486	460	5	135 182	47	201	418	502	5	178 224	46	
3	003	085	304	5	003.2 024	42	292	313	593	5	272.2 292	40	
4	039	598	340	5	16 62	46	193	157	494	5	170 216	46	
5	171	933	472	5	148 194	46	121	947	422	5	98 144	46	
6	133	031	434	5	110 156	46	150	916	451	5	127 173	46	
7	166	868	467	5	143 189	46	156	187	457	5	133 179	46	
8	158	733	459	5	135 181	46	156	049	457	5	133 179	46	
9	161	982	462	5	138 184	46	160	281	461	5	137 183	46	
10	138	253	439	5	115 161	46	175	518	476	5	152 198	46	
11	164	897	465	5	156 172	16	187	324	488	5	178 196	18	
Total	1345	004				459	1816 1345 471	461 004 457				459 919	Meters
Diff. in Elev. BM 4-17													

B.M. 4-17 (Bell K-d)
Telegraph Rd & Paramount Ave
See FB 1205-22

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 4-17 TO T.B.M.
BM 4-17													BM 4-17 (BELL K-4)
1	185	984	486	5	176 / 194	18	163	571	464	5	154 / 172	18	TELEGRAPH RD & PARAMOUNT AVE
													SEE FB 1205-22
2	173	063	474	5	150 / 196	46	139	876	440	5	116 / 162	46	
3	165	577	466	5	142 / 188	46	163	178	464	5	140 / 186	46	
4	156	875	457	5	133 / 179	46	163	743	464	5	140 / 186	46	
5	155	205	456	5	132 / 178	46	163	428	464	5	140 / 186	46	
6	155	790	456	5	132 / 178	46	144	418	445	5	121 / 167	46	
7	132	255	433	5	109 / 155	46	169	718	470	5	146 / 192	46	
8	182	496	483	5	159 / 205	46	033	180	334	5	016 / 056	46	
9	290	201	591	5	270.2 / 290	40	003	456	304	5	003.2 / 024	42	
10	204	093	505	5	180 / 228	48	160	074	461	5	137 / 183	46	
11	015	759	316	5	015.2 / 031	32	041	182	342	5	41.2 / 58	34	
Total	1817	298					1345	824					
	1345	824				460						462	
DIST. IN ELEV.	471	474										460	
T.B.M.												922	T.B.M.
													P.E.R.Ry & 485 ft± SEly FROM TELEGRAPH Rd; Fd Bt spk ON N'W'ly END OF Bridge, ON N. Hdwall MKD "BM B-8"

WEATHER Cool INST. NO. N3-75234

TIME 18:40% 11:30 ROD NO. 95 & 96

NOTES CHKD JCM DATE 10-20-60

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES D.L.B.

INDEXED H.E. OTT DATE

F.B. 2829 Pg. 92

76P526B CE # 308 8-59

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

SURVEY BY P.C. Gallardo DATE 9-16-60 WEATHER Hot

NOTES BY H. E. Oh TIME 1:50 INST. NO. 83-75-274

INDEXED DATE NOTES CHKD. DATE ROD NO. 95896

F.B. 3329 PG. 92

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS From BM 4-17 To BM. 4-16
B.M. 4-17													B.M. 4-17 (Bell K-5) Anaheim Telegraph & Bloomfield Rd. 2 mi. Sec FB 1205-21
1	179	982	480	5	202 / 156	46	184	988	485	5	207 / 161	46	
2	142	499	443	5	165 / 119	46	152	117	453	5	175 / 129	46	
3	168	164	469	5	191 / 145	46	136	936	437	5	159 / 113	46	
4	152	393	453	5	173 / 131	42	119	159	420	5	140 / 98	42	
5	172	674	473	5	195 / 149	46	137	548	438	5	160 / 114	46	π Lybrand
6	172	650	473	5	195 / 149	46	160	756	461	5	183 / 137	46	
7	144	558	445	5	167 / 121	46	185	612	486	5	208 / 162	46	
8	132	420	433	5	155 / 109	46	199	402	500	5	222 / 176	46	
9	121	827	422	5	146 / 96	50	174	420	475	5	200 / 148	52	
10	145	881	446	5	157 / 133	24	210	628	511	5	222 / 198	24	
Total	1533	048					1661 / 1533 / 128	566 / 048 / 518					
Diff. in Elev. B.M. 4-16													B.M. 4-16 (Bell K-5A) Anaheim Telegraph Rd & Lakewood Blvd. S. Sec FB 1205-21

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM. 4-16 TO BM. 4-17
B.M. 4-16													B.M. 4-16 (BELL K-5A)
1	208	290	509	5	220 / 196	24	143	559	444	5	155 / 131	24	ANAHEIM TELEGRAPH Rd &
2	176	678	477	5	201 / 151	50	123	190	424	5	148 / 98	50	LAKEWOOD BLVD ℄ int
3	200	549	501	5	223 / 177	46	134	361	435	5	157 / 111	46	SEE FB 1205-21
4	187	322	488	5	210 / 164	46	146	251	447	5	169 / 123	46	
5	163	728	464	5	186 / 140	46	178	359	479	5	201 / 155	46	
6	141	714	442	5	164 / 118	46	174	196	475	5	197 / 151	46	
7	116	225	417	5	137 / 95	42	149	875	450	5	170 / 128	42	
8	135	911	436	5	158 / 112	46	166	729	467	5	189 / 143	46	
9	150	899	451	5	173 / 127	46	136	399	437	5	159 / 113	46	
10	177	891	478	5	200 / 154	46	177	858	478	5	200 / 154	46	
Total	1659207						1530771						
	1530771					438						438	
Diff. in Elev.	1284360											438	
BM. 4-17												876	B.M. 4-17 (BELL K-4)
													ANAHEIM TELEGRAPH Rd &
													PARAMOUNT Rd ℄ INT.
													SEE FB 1205-22

F.B. 2829 Pg. 94

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES D.L.B.

INDEXED H.E. OTT DATE

JOB NO. 0301.02

WEATHER Hot INST. NO. 13-75234

TIME 2:40 3:20 ROD NO. 95496

NOTES CHKD JCM DATE 10-20-70

76P526B CE # 306 8-59

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM BM 4-16 TO BM 4-15
BM 4-16									BM 4-16 [illegible]
1	186	060	487	763 47	163	[illegible]	[illegible]	[illegible]	[illegible]
2	47	[illegible]	[illegible]	167 [illegible] 40	[illegible]	[illegible]	[illegible]	[illegible]	
3	[illegible]	[illegible]	[illegible]	[illegible] 13	54	[illegible]	[illegible]	[illegible] 26	
4	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	
[illegible]		[illegible]	[illegible]	[illegible]				[illegible]	T [illegible]
6	[illegible]	[illegible]	[illegible]	[illegible] 40	[illegible]	[illegible]	[illegible]	[illegible]	
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] 40	[illegible]	[illegible]	[illegible]	[illegible] 16	
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		451				452	
[illegible]	[illegible]	[illegible]						451	
[illegible]	[illegible]	[illegible]						903	[illegible]

JOB NO. 0901.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY [illegible] WEATHER [illegible]

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

INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE [illegible] ROD NO. [illegible]

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

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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.

INST. NO. 15-3 / 75234 ROD NO. 205 F 20 DATE 10-30-60

WEATHER CLEAR TIME 1150 / 1220 NOTES CHKD VCM

F.B. 2829 Pg. 96 SURVEY OF L.A. CO. PRF. SF 1 FOFI NE JOB NO. 030/182

SURVEY BY A.C.G. / H.E. OH NOTES E.C. INDEXED DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 4-15 TO BM 4-16
BM 4-15													BM 4-15 (BELL L-6)
													ELEV 5330
													SEE F.B. 205-20
1	127	161	428	5	150 / 104	46	143	201	422	5	172 / 126	46	
2	127	173	428	5	150 / 104	46	143	201	422	5	172 / 126	46	
3	141	224	442	5	164 / 118	46	157	229	436	5	172 / 126	46	
4	158	645	457	5	181 / 135	46	174	265	451	5	190 / 144	46	T DATE BEGUN
5	165	541	466	5	188 / 142	46	181	122	455	5	197 / 151	46	
6	165	240	466	5	188 / 142	46	[illegible]	352	[illegible]	5	197 / 151	46	
7	[illegible]	[illegible]	[illegible]	5	188 / 142	46	[illegible]	[illegible]	428	5	190 / 144	46	
8	155	308	459	5	181 / 135	46	[illegible]	279	456	5	189 / 143	46	
	168	310	469	5	189 / 143	46	[illegible]	381	455	5	197 / 151	46	
9	169	203	471	5	143 / 97	46	181	296	459	5	211 / 165	46	
TOTAL	1575	115				452	[illegible]	[illegible]				452	
DIFF.							1575	115				452	
ELEV.							66	163				704	METERS
BM 4-16													
													BM 4-16 (BELL S-18)
													TITLE ORIG. PAR. & ROSEMEAD
													SEE F.B. 205-21

F.B. 3837 PG. 77

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 VCM DATE ______

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

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

76P526B CD # 306 8-59

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LOS ANGELES COUNTY ENGINEER

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Do not extend notes this side of this line.

F.B. 2829 PG. 98 SURVEY OF C.A.CO. PRECISE LEVEL NF JOB NO. 2301.02
SURVEY BY A.C.G. NOTES R.G. DATE 7-19-60
INDEXED H.E. OTI DATE
WEATHER CLOUDY INST. NO. 15230
TIME 11:05 TO 11:55 ROD NO. 1
NOTES CHKD VOM DATE 12-21-60

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM. 4-13 TO BM. 4-15
BM. 4-13	235	730	530 5	220 30	091	[illegible]	390 5	014 30	BM. 4-13 (WHITE 46A)
2	183	150	400 5	168 30	124	[illegible]	[illegible] 5	13 30	TELEGRAPH & [illegible]
3	130	[illegible]	[illegible]	113 40	03	[illegible]	[illegible] 5	210 40	WASH
4	055	913	[illegible]	62	[illegible]	[illegible]	520 5	142 40	SEE F.B. 1468-16
5	[illegible]	040	[illegible] 5	129	[illegible]	[illegible]	[illegible]	142 44	T. DAVE BROWN
TOTAL	50	328			952	054		196	
DIFF IN ELEV				191	5			196	
BM. 4-15					83	29		398	BM. 4-15 (BELL 6-2) EL 1709
1	189	303	48 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	46	[illegible]	[illegible]	[illegible]	[illegible]	SEE F.B. 1205-11
3	64	[illegible]	42	[illegible]	1	320	467	184	
4	170	806	501 5	193	39	[illegible]	[illegible]	[illegible]	
5	169	323	469 5	[illegible]	[illegible]	[illegible]	[illegible]	155 46	
6	175	662	470 5	152 40	[illegible]	[illegible]	496 5	155	
7	172	078	473 5	149 40	151	[illegible]	415 5	134	BM. 4-15 (BELL 6-2) EL 1602
8	128	141	429 5	151 40	[illegible]	[illegible]	[illegible] 5	188 46	TELEGRAPH & PIERSONS
TOTAL	1332	609			125	[illegible]			SEE F.B. 1205-20
DIFF. IN ELEV.	1253	851		366				366	
BM. 4-15	78	757						366	
								732	

76P526B CE # 306 6-59

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

SURVEY BY _____ WEATHER _____

NOTES BY H. E. OTT DATE _____ TIME _____ INST. NO. _____

INDEXED _____ DATE _____ NOTES CHKD _____ DATE _____ ROD NO. _____

F.B. _____ PG. _____

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM _____ TO _____
BM 4-12									BM 4-12 (WITTIER 46 CY 70)
1	[illegible]	[illegible]	495 5	[illegible]	[illegible]	[illegible]	475 5	[illegible]	TELEGRAPH [illegible]
									SEE F.B. 1205-17
2	[illegible]	[illegible]	[illegible]	[illegible]	382	[illegible]	388	[illegible]	
3	226	412	537 5	659 513 46	136	733	457	[illegible]	
4	26	[illegible]	437 5	171 141 30	[illegible]	383	485 5	[illegible]	
5	[illegible]	[illegible]	340 5	104 70 30	178	07[illegible]	539 5	253 223 30	
	295				235	730			
	308			196				195	
	3[illegible]	142						196	
								391	
4-13	[illegible]	[illegible]	[illegible]	251 221 30	037	762	388	102 72 30	BM 4-13 (WITTIER 4-64)
									TELEGRAPH & [illegible]
	[illegible]	222	380	144 [illegible] 30	[illegible]	[illegible]	[illegible]	[illegible]	WISH
									SEE F.B. 1205-18
3	182	[illegible]	[illegible]	56 [illegible]	235	215	538	[illegible]	
	021	644	385	177 6	220	27	521	[illegible]	
	176	380	[illegible]	155	[illegible]	[illegible]	[illegible]	[illegible]	
				194	396	8[illegible]		196	
					5[illegible]			194	BM 4-14
					86	271		390	TELEGRAPH [illegible]
									SEE F.B. 1205-19

F.B. 2829 Pg. 100 JOB NO. 0301.02

SURVEY OF C.A. CO. PRECISE LEVEL NF

SURVEY BY ACG NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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 10-20-68

F.B. 2829 Pg. 101

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM [illegible] TO [illegible]
BM 4-3									BM 4-3 (WUTT 50 A-60)
1	134	742	435	1,5 30	[illegible]	[illegible]	[illegible]	[illegible]	TELEGRAPH [illegible]
									WHSP
2	[illegible]	[illegible]	123	55 46	135	[illegible]	16	208 32	SEE F.B. 205-18
3	[illegible]	[illegible]	[illegible]	67 21	74	670	475	197 51	
	[illegible]	[illegible]	[illegible]	70 23	198	[illegible]	[illegible]	208 38	[illegible] BROWN
	[illegible]	[illegible]	[illegible]	73 [illegible]	16	143	468	[illegible]	
	63	[illegible]	[illegible]	75 [illegible]	19	860	370	[illegible]	
	[illegible]	[illegible]	[illegible]	79 [illegible]	[illegible]	941	463	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	122	475	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	891	57	179 33	
	170	874	47[illegible]	185 34	158	362	459	173 143	30
11	170	031	47[illegible]	183 157	158	63[illegible]	45[illegible]	171 145	
TOTAL	1655	668		456	912	400			456
					1655	668			912
DIFF. IN					256	736			METERS
ELEV.									BM 1-12 (WUTT 50 B-71)
B.M. 1-12									TELEGRAPH & A. [illegible]
									SEE F.B. 1205-17

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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WEATHER Hot & Clear INST. NO. 73 204
TIME 3:45 TO 1:20 ROD NO. 3 & 6
NOTES CHKD. [illegible] DATE 10-10-60

F.B. 2829 PG. 102 JOB NO. 0304.02
SURVEY OF L.A. CO. PRECISE LEVEL NF
SURVEY BY A.C.G. NOTES A.C.G.
INDEXED H.E. Ott DATE

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM 4-12 TO BM 4-13
BM 4-12													BM 4-12 (WHITTIER B.)
1	155	323	456	5	122	34	[illegible]	059	403	5	188 155	33	TELE GRAPH &
2	156	157	451	5	121	31	164	515	412	5	188 [illegible]	21	& BURT AVE
													SEE F.B. 1205-17
3	154	293		5	175 129	[illegible]	154	287	454	5	181 135	46	
4	156	001	457	5	169 133	36	150	119	451	5	173 127	46	
5	163	544	464	5	186 140	46	154	320	453	5	177 131	46	
6	168	[illegible]	[illegible]	5	[illegible]	[illegible]	154	533	455	5	172	34	R.D. GLIDDEN
7	167	878	468	5	188 144	46	145	439	444	5	188 142	46	
8	172	730	475	5	187	59	138	087	430	5	163 113	56	
9	160	789	481	5	[illegible]	[illegible]	14[illegible]	470	450	5	153	46	
10	184	610	485	5	151	42	033	012	450	5	132 96	43	
11	[illegible]	[illegible]	[illegible]	5	222	[illegible]	133	13	439	5	148	30	
TOTAL	1814	343 (CM)											
	1477	588				459						458	
DIFF. MISCLOSURE	250	255 (CM)										459	BM 4-13 (WHITTIER AGH)
BM 4-13												917	TELEGRAPH &
													SAN GABRIEL WASH
													SEE F.B. 1205-18

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 ____ TO ____
BM 2	186	999	[illegible]	5 [illegible]	182	738	483	5 [illegible]	BM 2-12 (WHITTIER B-7)
									TELEGRAPH RD &
2	115	810	[illegible]	5 [illegible]	212	102	573	5 [illegible]	ALBURTIS AVE
									SEE F.B 1205-17
3	[illegible]	112	[illegible]	[illegible]	161	788	462	[illegible]	
4	[illegible]		[illegible]	[illegible]	104	[illegible]	465	[illegible]	
5	143	932	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
6	[illegible]			[illegible]	183	[illegible]	484	[illegible]	R. D GLIDDEN
7	[illegible]	[illegible]	[illegible]	[illegible]		207	190	[illegible]	
8	191	[illegible]	[illegible]	5 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
9	[illegible]	[illegible]	[illegible]	5 [illegible]	[illegible]	[illegible]	[illegible]	5 [illegible]	
	[illegible]	[illegible]	[illegible]	5 [illegible]	836	673	[illegible]	5 [illegible]	
11	[illegible]	[illegible]	[illegible]	5 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
12	[illegible]	[illegible]	[illegible]	5 [illegible]	150	191	451	5 173 177	
13	[illegible]	[illegible]	[illegible]	5 [illegible]	190	[illegible]	[illegible]	5 [illegible]	BM 2-11 (WHITTIER D-7) SY 4'0
	2222	[illegible] CM			2026	573	CM		590 TELEGRAPH RDE
	2026	573							590 NORWALK BLVD
	263	013 CM							SEE F.B 1203-18
BM 2-11									

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

SURVEY BY [illegible] WEATHER [illegible]

NOTES BY [illegible] DATE [illegible] TIME 8 30 [illegible] 10 ROD NO. [illegible]

INDEXED H. E. OTT DATE [illegible] NOTES CHKD [illegible] DATE [illegible]

INST. NO. [illegible]

F.B. 3827 Pg. 103

PLEASE RETURN TO

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WEATHER Clear INST. NO. 72234
TIME 310 to 345 ROD NO. 5606
NOTES CHKD [illegible] DATE 10-20-66

F.B. 2829 PG. 104 JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY A.C.G. NOTES A.C.G.
INDEXED E.E. Ott DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 2-11 TO BM 4 12
BM 2-11	188	422	483	5	[illegible]	[illegible]	173	276	[illegible]	5	[illegible]	15	BM 2-11 (WHITMORE B-7) 410
2	145	[illegible]	[illegible]	5	[illegible]	[illegible]	[illegible]	345	[illegible]	5	[illegible]	[illegible]	[illegible]
3	103	372	[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	[illegible]
4	020	347	[illegible]	[illegible]	[illegible]	[illegible]	155	102	[illegible]	5	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	435	5	[illegible]	[illegible]	[illegible]	573	194	[illegible]	766	[illegible]	
6	113	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	
7	157	113	[illegible]	[illegible]	16	[illegible]	[illegible]	[illegible]	434	5	[illegible]	[illegible]	X R.D. [illegible]
8	188	[illegible]	[illegible]	5	131	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
9	187	[illegible]	480	[illegible]	[illegible]	[illegible]	141	700	412	[illegible]	[illegible]	[illegible]	
10	165	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	444	[illegible]	[illegible]	45	
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	151	20	
12	[illegible]	[illegible]	612	[illegible]	[illegible]	[illegible]	[illegible]	228	417	[illegible]	139 35	40	
13	135	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45	BM 4 12 (WHITMORE B-7)
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]		590						590	
							2					590	
0155 [illegible]							[illegible]	[illegible]	[illegible]			1180	
BM 2													

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 2-11 TO BM 4-11
BM 2-11													BM 2-11 WHITTIER E-7A
1	199	769	500	5	223 / 175	48	148	356	449	5	111 / 125	46	TELEGRAPH RD &
2	171	082	472	5	194 / 148	46	141	192	442	5	164 / 118	46	NORWALK BLVD
3	179	[illegible]	[illegible]	5	[illegible] / 156	47	144	191	445	5	167 / 121	46	SEE F.B. 1203-18
4	169	151	470	5	192 / 146	46	147	300	448	5	[illegible]	46	
5	176	438	477	5	199 / 153	46	145	525	446	5	148 / 122	46	
6	176	654	477	5	199 / 153	46	140	116	441	5	163 / 117	46	⊼ RD [illegible]
7	168	900	469	5	192 / 14[illegible]	47	151	294	452	5	[illegible] / 128	46	
8	173	600	474	5	196 / 151	45	099	122	400	5	123 / 75	48	
9	233	481	534	5	257 / 215	36	192	232	493	5	203 / 175	34	
TOTAL	1649	2~~6~~3 9	CM			407	1309	328	CM			404	
	1309	328										407	
DIFF in Elev	339	9~~4~~1 1	CM									811	METERS
BM 4-11													BM 4-11 WHITTIER E-7A
													TELEGRAPH RD & BLOOMFIELD AVE
													SEE FB 1205-16

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

SURVEY BY A. C. GUILLAND

NOTES BY [illegible] DATE 9-20-[illegible]

INDEXED [illegible] DATE

WEATHER HOT & SMOG

TIME 300 TO 325

NOTES CHKD [illegible] DATE 10-30-[illegible]

INST. NO. P3 75234

ROD NO. 95496

F.B. 0809 PG. 125

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 4-11 TO BM 2-11
BM 4-11													BM 4-11 (WHITTIER E-7A)
1	191	582	492	5	208 / 174	34	232	510	530	5	249 / 214	35	TELEGRAPH RD &
2	102	444	403	5	125 / 79	46	176	408	477	5	199 / 153	46	BLOOMFIELD AVE
3	144	242	445	5	197 / 151	46	161	943	462	5	184 / 138	46	SEE F.B 1205-16
4	135	030	436	5	158 / 112	46	172	589	473	5	195 / 149	46	
5	148	468	449	5	171 / 125	46	178	064	479	5	201 / 154	47	
6	133	248	434	5	156 / 110	46	157	707	438	5	180 / 134	46	R. D GLIDDEN
7	149	239	450	5	172 / 126	46	178	009	479	5	201 / 155	46	
8	135	871	436	5	158 / 112	46	169	681	470	5	192 / 146	46	
9	145	742	446	5	169 / 122	47	197	805	408	5	220 / 173	47	
TOTAL	1285	866	CM				1625	7[illegible]	CM				
						403	1285	866				405	
PISSINELEU							339	900	CM			403	
BM 2-11												808	BM 2-11 (WHITTIER D-7)
													TELEGRAPH RD &
													NORWALK BLVD
													SEE F.B 1203-18

WEATHER Hot & Smoke INST. NO. N3 75204

TIME 3:25 To 3:50 ROD NO. 35 89C

NOTES CHKD [illegible] DATE 10-20-60

F.B. 2829 PG. 106 JOB NO. 0301.02

SURVEY OF C. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG 9-20-60

INDEXED H. E. OTT DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 4-10A TO B.M. 4-11
B.M. 4-10A													B.M. 4-10A [illegible] #1 [illegible] F.T.
1	237	112	538	5	245 / 228	17	138	245	439	5	146 / 130	16	Telegraph [illegible] Shoemaker Ave
2	106	027	407	5	116 / 96	20	136	345	437	5	146 / 126	20	See [illegible]
3	147	678	448	5	140 / 124	46	162	767	463	5	185 / 139	46	
4	133	668	434	5	152 / 110	46	165	540	466	5	188 / 142	46	
5	140	787	441	5	163 / [illegible]	46	167	773	468	5	190 / 144	46	
6	134	777	435	5	[illegible]	46	178	130	479	5	201 / 155	46	
7	150	763	451	5	173 / 127	46	[illegible]	[illegible]	[illegible]	5	[illegible] / 138	46	
8	160	946	461	5	183 / 137	46	185	797	486	5	208 / 162	46	
9	131	744	432	5	[illegible] / 108	46	150	082	451	5	173 / 127	46	
10	147	280	448	5	170 / 124	46	182	857	483	5	205 / [illegible]	46	
Total	1490	782				405	1629	448				404	
							1490	782					
Diff Elev.							138	666				405	
B.M. 4-11												809	B.M. 4-11 [illegible]
													Telegraph [illegible]
													See F.B. 205 [illegible]

WEATHER Sunny INST. NO. N-3 75234

TIME 11:30 to 12:00 ROD NO. 95E96

NOTES CHKD [illegible] DATE 10-20-60

F.B. 2829 PG. 108 JOB NO. 0301:02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES J. Lybrand

INDEXED B. E. CH DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A. C. Guizado WEATHER Overcast INST. NO. 25-239

NOTES BY [illegible] DATE [illegible] TIME [illegible] ROD NO. 95 & 96

INDEXED H. E. OTT DATE NOTES CHKD DATE

F.B. 2829 Pg. 107

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 4-11 TO BM 10A
BM 4-11													BM 4-11 (WHITTIER E-7A) Telegraph Rd. & Bloomfield Ave. See F.B. 1205-16
1	187	330	488	5	210 / 163	47	148	179	449	5	172 / 125	47	
2	149	395	450	5	179 / 126	46	139	758	[illegible]	5	[illegible]	46	
3	197	038	498	5	[illegible]	46	163	75[illegible]	[illegible]	5	[illegible]	46	
4	153	674	454	5	[illegible]	46	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	
5	187	34[illegible]	488	5	210 / 164	46	141	823	442	5	169 / 118	46	
6	17[illegible]	[illegible]	472	5	194 / [illegible]	46	[illegible]	[illegible]	[illegible]	5	[illegible]	46	⊼ A Goble
7	172	953	473	5	195 / 149	46	140	514	441	5	163 / 117	46	
8	167	567	468	5	190 / 144	46	151	349	452	5	174 / 128	46	
9	138	295	439	5	147 / 128	19	109	479	410	5	[illegible]	20	
10	136	057	437	5	144 / 128	16	234	904	535	5	242 / 225	47	SPK
Total	1661	267				404	1522	664				406	
	1522	664										404	
Diff. to Elev.	138	603										810	METERS
BM 4-10A													BM 4-10A. (RM #1 WHITTIER F-7) Telegraph Rd. & Shoemaker Ave. See F.B. 1205-15 (DN 28 ft)

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.

N-3

INST. NO. 75234

ROD NO. 95-E-96

DATE 10-20-60

WEATHER Overcast

TIME 10:45 to 10:55

NOTES CHKD

F.B. 2829 PG. 110

L. A. CO. PRECISE LEVEL NET

JOB NO. 0301.02

SURVEY OF

SURVEY BY ACG

NOTES J. Lybrand

INDEXED

DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 4-8 TO
BM 4-8													BM 4-8 in top of 3-8 Telegraph Rd & Garvey Ave See F.B. 1205-13
1	154	268	455	5	199 129	50	113	862	414	5	188 88	50	
2	170	832	471	5	193 149	46	150	113	451	5	193 120	46	
3	137	088	438	5	160 114	46	160	958	461	5	165 139	46	
Total	462	188				142	424	733				142	
	424	733										142	
Dif / Elev	37	465										284	
BM 4-9													BM 4-9 in top of 3-7 Telegraph Rd & Garvey Ave See F.B. 1205-16
1	196	751	497	5	222 170	52	126	949	427	5	152 100	52	
2	144	670	445	5	167 121	46	175	450	496	5	198 152	46	
3	145	993	446	5	168 122	46	167	893	468	5	190 144	46	
4	186	192	487	5	209 163	46	123	870	424	5	146 100	46	
5	161	517	462	5	184 138	46	171	193	472	5	194 146	46	Summary of Elev. BM 4-8 to 4-9
6	149	182	448	5	162 132	30	093	883	394	5	109 78	31	TOTAL BACKSIGHT + 90.192
7	089	857	390	5	101 77	24	219	519	520	5	231 207	24	" FORESIGHT − 52.328
Total	1071	942				298	1078	657				291	DIFF/ELEV = − 38.136
							1071	942				290	
							6	615				581	
Dif Elev													
BM 4-10B													BM 4-10 B & A Telegraph Rd & Shoemaker Ave See F.B. 1205-15
1	190	192	491	5	199 181	18	229	028	530	5	238 220	18	
BM 4-10A												36	

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

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

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

INDEXED H. E. OTT DATE [illegible] NOTES CHKD [illegible] DATE [illegible]

F.B. 2829 Pg. 109

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM 4-10A TO 4-8
BM 4-10A													BM 4-10A [illegible] F-17
1	223	863	524	5	232 214	18	185	038	486	5	194 176	18	TELEGRAPH [illegible]
	185	038										18	
Diff in elev.	38	825										36	See FB 1205-15
BM 4-10B													
1	220	536	521	5	232 208	24	090	900	390	5	114 90	24	BM 4-10B (Bm #2) [illegible] in cont
													Telegraph Rd. & [illegible]
													See FB 1205-15
2	096	524	399	5	113 82	31	150	900	451	5	165 135	31	
3	174	529	475	5	197 151	46	167	843	468		141	42	
4	125	919	426		148 102	46	186	900	487		205 158	46	
5	165	382	466		188 142	46	141	977	442		164 118	46	Summary of Cont
													BM 4-9 to BM 4-8
													Total Backsight +434.630
													" Foresight -472.036
6	178	964	479	5	201 155	46	150	363	451		172 129	45	Diff/Elev = -37.406
7	130	128	431		156 103	53	199	732	500		[illegible]		
Total	1093	606				292	1087	050				291	
	1087	689										583	Meters
Diff in Elev.	6	517											
BM 4-9													
1	163	000	451	5	186 140	46	139	435	490	5	192	46	BM 4-9 (Whittier G-7)
													Telegraph Rd & Nos Nietos Rd
													See FB 1205-14
2	155	289	456	5	178 132	46	199	290	498	5	222	46	
3	115	401	416	5	165 90	50	155	311	456	5	180	50	BM 4-8 (Whittier G-8)
Total	434	130				142	472	036				142	Telegraph Rd & Carmenita Ave
BM 4-8												284	Meters. See FB 1205-13

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY H.C. GUIZARD WEATHER [illegible] INST. NO. [illegible]

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

INDEXED H. E. OTT DATE [illegible] NOTES CHKD [illegible] DATE [illegible]

F.B. 2829 Pg. 111

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 4-8 TO BM 4-7A
BM 4-8													B.M. 4-8 whither G-8
1	203	602	504	5	226 / 180	46	100	192	401	5	173 / 44	46	Telegraph Rd. & Carmenita Rd. See F.B. 1205-13
2	194	619	495	5	217 / 171	46	143	980	444		166 / 120	46	
3	172	161	491	5	193 / 147	46	139	990	442	5	162 / 116	46	
4	133	458	434	5	162 / 116	46	290	762	591		290 / 267	46	
5	026	253	327	5	41 / 10	31	247	485	548		263 / 232	31	
6	093	890	394	5	116 / 70	46	152	181	453	5	175 / 129	46	
7	224	085	525		241 / 207	34	072	352	373	5	89 / 55	34	
8	205	182	506	5	222 / 188	34	119	901	420	5	[illegible]	[illegible]	
9	192	978	493	5	208 / 177	31	085	592	386	5	101 / 70	31	
10	227	169	528	5	242 / 213	27	097	717	398	5	111 / 83	28	
11	148	233	449	5	162 / 134	28	192	588	493	5	206 / 178	28	
Total	1819	628				415	1642	718				416 / 415	
	1642	718										531	METERS
Diff Elev BM 4-7A	176	910											BM 4-7A S.W. COR TELEGRAPH Rd & TELECHRON AVE SET Bt spk in conc. cb; 3 ft W. of W END C.B. MK'd BM 4-7A SEE FB 1205-12

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 4-7A												
1	190	118	491	5	204 / 176	28	145	778	446	5	159 / 131	28
2	098	543	399	5	112 / 84	28	228	315	[illegible]	5	[illegible] / 214	28
3	081	321	382	5	97 / 66	31	189	034	490	5	204 / 173	31
4	119	982	420	5	136 / 102	34	204	475	505	5	221 / 187	34
5	071	641	372	5	88 / 54	34	224	362	525	5	241 / 207	34
6	150	822	451	5	143 / 127	46	085	978	386	5	105 / 62	46
7	247	742	548	5	263 / 232	31	028	816	329	5	[illegible] / 13	31
8	278	589	579	5	301 / 255	46	113	229	414	5	136 / 90	46
9	126	762	427	5	149 / 103	46	168	837	469	5	191 / 145	46
10	144	328	445	5	167 / 121	46	195	702	496	5	218 / 172	46
11	106	972	407	5	129 / 83	46	209	227	510	5	232 / 186	46
Total	1616	820					1773	756				
						416	1616	820				416
Diff Elev. BM 4-8							176	936				416
												832

DESCRIPTION AND REMARKS

FROM BM 4-7A TO BM 4-8

B.M. 4-7A SW COR
TELEGRAPH Rd & TELECHRON AVE
Set spk in Conc ab: 3.5 W. of W. END CR
MKD "BM 4-7A" SEE FB 1205-12

BM 4-8 (WHITTIER G-8)
Telegraph Rd & Carmenita Rd.
See F.B. 1205-13

WEATHER Overcast INST. NO. N-3 25-238
TIME 10:00 to 10:40 ROD NO. 95-E96
NOTES CHKD JCM DATE 10-20-62

F.B. 2829 PG. 112 JOB NO. 0301 '02
SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY ACG NOTES J. Lybrand
INDEXED H. E. OH DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY H.C. GAZZARD WEATHER Sunny

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

INDEXED H.E. OTT DATE [illegible] NOTES CHKD JCM DATE [illegible] ROD NO. [illegible]

F.B. 2009 Pg. 113

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 4-7A TO B.M. 4-6A
B.M 4-7A													B.M 4-7A spc in co Telegraph Rd. & Tobram Ave Sec 1 T.S. 1205-12
1	043	354	344	5	60/26	34	299	962	600	5	299×2/288	34	
2	016	907	317	5	29/3	26	287	271	588	5	300/274	26	
3	033	745	[illegible]	5	29/6×2	28	287	345	588	5	321/293	28	
4	063	841	364	5	87/39	48	204	065	505	5	228/180	42	
5	161	552	462	5	189/39	45	140	084	441	5	162/117	45	
6	170	978	471	5	191/49	42	052	518	353	5	73/31	42	
7	290	807	571	5	301/278	23	012	769	313	5	54/12×2	24	
8	291	585	572	5	291/279×2	24	017	970	318	5	23/5	29	
9	298	575	579	5	318/285×2	36	031	439	332	5	43/13	36	
10	297	495	576	5	330/254×2	46	087	411	388	5	102/64	46	
11	165	657	456	5	173/158	14	137	781	438	5	[illegible]	14	
12	189	111	490	5	212/166	46	117	608	418	5	140/94	46	
13	202	331	503	5	225/179	46	128	255	429	5	151/105	46	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 4-7A TO B.M. 4-6A
Sub Total													
14	085	172	386	5	100 / 60	31	255	048	556	5	300 / 240	31	
15	164	438	465	5	180 / 144	3[illegible]	063	192	364	5	80 / 41	34	
16	271	175	572	5	286 / 255	31	033	430	334	5	49 / 18	31	
17	287	853	588	5	288 / 268	38	032	355	333	5	57 / 13	38	
18	268	286	569	5	297 / 245	46	081	212	382	5	184 / 38	46	
Total	3275	830				638	2269	715				639	
	2269	715										638	
												1277	METERS
Dis Elev. BM 4-6A	1006	115											

B.M. 4-6A (WHITTIER I-9 AUX. 1)
Telegraph Rd. & Valleyview
See F.B. 1205-11
" FB 2453-78, 79, & 80

F.B. 2829 PG. 114 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES V Lybrand

INDEXED H.E. OH DATE

WEATHER Sunny INST. NO. N-3 75-239

TIME 1:15 to 2:30 ROD NO. 95-E-96

NOTES CHKD. JCM DATE 10-30-60

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 4-6A TO BM 4-7A
BM 4-6A													BM 4-6A (WHITTIER [illegible] Telegraph & [illegible] Ave See [illegible]
1	[illegible]	[illegible]	[illegible]	5	[illegible]	46	[illegible]	247	574	5	[illegible]	[illegible]	
2		437	334	5	[illegible]	38	282	475	583	5	301 263	38	" FB 2453-78, 79, 880
3	[illegible]	681	[illegible]	5	[illegible]	32	261	628	562	5	[illegible]	[illegible]	
4	[illegible]	442	[illegible]	5	[illegible]	35	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				⊼ A. L. Goble
[illegible]	122	132	423	5	[illegible]	46	197	236	498	5	320 174	46	
[illegible]	[illegible]	[illegible]	412	5	134 88	46	188	039	489	5	[illegible] 165	46	
[illegible]	140	431	[illegible]	5	149 133	14	162	253	465	5	[illegible]	[illegible]	
[illegible]	088	281	389	5	111 65	46	300	927	601	5	300x2 277	46	
[illegible]	028	347	329	5	46 10	36	299	225	598	5	297x2 279	36	
[illegible]	024	787	325	5	86 12	24	290	811	591	5	302 278	24	
[illegible]	009	847	310	5	21x2 9	24	292	507	593	5	292 285x2	24	
[illegible]	053	129	354	5	24 32	42	173	044	474	5	194 152	42	
[illegible]	1016	~~875~~ 865				405	2951	105				459	

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

SURVEY BY A. C. GUIZADO WEATHER Sunny INST. NO. [illegible]

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

INDEXED H. E. ON DATE NOTES CHKD. [illegible] DATE [illegible]

F.B. 2829 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM. 4-6A TO BM. 4-7A
Sub total	1016	865				467	2951	105				459	
14	137	085	438	5	159 / 115	44	156	895	457	5	178 / 139	44	
15	203	522	504	5	222 / 179	48	062	368	363	5	86 / 38	48	
16	275	101	576	5	259 / 261	28	002	032	303	5	16 / 2	28	
17	285	040	586		298 / 272	26	008	582	309	5	[illegible]	26	
18	300	099	601	5	300 / 284	32	042	929	343	5	59 / 25	34	
Total	2217	722 / 1				638	3223	961				639	
							2217	722				638	
DIS Elev. BM. 4-7A							1006	219 / 4				1277	BM 4-7A SPC in cb [illegible] Telegraph & Telechron Ave See F.B. 1205--12

F.B. 2827 PG. 116 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES JWL

INDEXED D. E. OTT DATE

WEATHER Sunny INST. NO. N3 75236

TIME 2:30 to 3:45 ROD NO. 95896

NOTES CHKD JCM DATE 10-20-60

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 4-6A TO BM 1-8
B.M. 4-6A													B.M. 4-6A (whittier I-9, Aux 1
1	083	434	384	5	106 / 60	46	300	722	601	5	300.2 / 277	46	Telegraph rd. & Valley View
2	011	262	312	5	030.2 / 011	38	297	888	598	5	297.2 / 278	38	see F.B. 1205-11
3	049	698	350	5	69 / 29	40	106	622	407	5	125 / 87	38	" FB 2453-78-79 & 80
4	169	642	470	5	193 / 145	48	245	798	546	5	268 / 222	46	
5	077	431	378	5	97 / 57	40	265	117	566	5	284 / 247	37	T : lybrand
6	027	880	328	5	049 / 005	44	172	067	473	5	196 / 148	48	
7	150	324	451	5	171 / 129	42	278	498	579	5	300 / 257	43	
Total	569	671				298	1666	712				296	
							569	671				298	
Diff. in Elev. B.M. 1-8							1097	041				594	meters
													B.M. 1-8 (whittier I-10) Valley View & Lessingwell see F.B. 1202-13

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

SURVEY BY R.G. Guisado WEATHER Warm INST. NO. 93-234

NOTES BY [illegible] DATE 9-22-60 TIME 8:30 9:15 ROD NO. 95896

INDEXED H. E. OTT DATE NOTES CHKD [illegible]

F.B. 2829 Pg. 117

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 1-8 TO BM 4-6A
BM 1-8													BM 1-8 (Whittier I-10)
1	278	776	579	5	299 / 257	42	150	604	451	5	172 / 128	44	Valley View & Leffingwell Rd.
													see F.B. 1202-13
2	168	860	469	5	191 / 145	46	023	259	324	5	046 / 023	2 / 46	
3	258	546	559	5	277 / 239	38	063	010	364	5	82 / 44	38	
4	227	432	428	5	251 / 203	48	158	418	459	5	180 / 136	44	
5	099	510	400	5	118 / 80	38	052	112	353	5	71 / 33	38	π lybrand
6	291	571	592	5	291 / 272	2 / 38	007	649	308	5	026 / 007	2 / 38	
7	291	444	592	5	291 / 268	2 / 46	064	171	365	5	87 / 41	46	
Total	1616	139					519	223					
	519	223											
Diff. in Elev.	1096	916				296						294	
BM. 4-6A												296	
												590	BM 4-6A (Whittier I-9) Aux.-1
													Telegraph Rd & Valley View
													see F.B. 1205-11
													F.B. 2453-78, 79 & 80

F.B. 2829 PG. 118

SURVEY OF C.A. CO. PRECISE LEVEL NF

SURVEY BY [illegible] NOTES DL Brown

INDEXED DATE

WEATHER Warm INST. NO. 75234 A3

TIME 1:50 2:20 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE 10-20-60

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM. 1-8 TO BM 1-9A B*
BM. 1-8													BM. 1-8 (whittier I-10)
1	191	781	492	5	215 / 167	48	166	098	467	5	189 / 143	46	Valley View & Leffingwell rd see F.B. 1202-13
2	143	121	444	5	166 / 120	46	072	146	373	5	96 / 49	47	
3	215	809	516	5	238 / 192	46	071	321	372	5	94 / 49	45	
4	251	236	552	5	273 / 228	45	044	193	345	5	68 / 20	48	π Lybrand
5	281	765	582	5	299 / 263	36	007	929	308	5	025 / 007	2 / 36	
6	301	959	602	5	301-2 / 282	38	077	421	378	5	96 / 58	38	
7	147	778	448	5	162 / 132	30	237	369	538	5	252 / 222	30	
Total	1533	449				289	676	477				290	
	676	477										289	
Diff. in Elev.	856	972										579	meters
BM. 1-9A													BM. 1-9A B' (whittier J-10) Aux-1
													Leffingwell rd & Telegraph rd see F.B. 1202-14 2453-55
													* See FB 1202-14

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

SURVEY BY H.C. Guizado DATE 9-20-60 WEATHER Warm INST. NO. N375234

NOTES BY [illegible] DATE 9-20-60 TIME 9:15 - 9:45 ROD NO. 95 & 96

INDEXED B.E. Ott DATE NOTES CHKD J.C.M. DATE 10-25-60

F.B. 2829 Pg. 119

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 Warm INST. NO. 13/15234
TIME 1125-1150 ROD NO. 95-96
NOTES CHKD. [illegible] DATE 11-20-60

F.B. 2829 Pg. 120
SURVEY OF L. A. CO. PRECISE LEVEL NET 97-9-1-92
SURVEY BY RCG NOTES DL Brown
INDEXED H. E. Ott DATE

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left		BACKSIGHT Stadia		FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left		FORESIGHT Stadia		DESCRIPTION AND REMARKS
													From BM 1-9A B To BM 1-8
BM 1-9A													BM 1-9A B (Whittier J-10)
1	242	583	543	5	256 228	28	156	772	457	5	171 141	30	Aux. - 4
2	085	338	386	5	104 66	38	301	421	602	5	301.2 283	36	Lessingwell rd. & Telegraph rd.
3	009	154	310	5	026.2 009	34	289	982	590	5	289.2 271	36	See FB. 1202-14
4	042	682	343	5	66 18	48	245	020	546	5	268 223	45	" 2453-55
5	075	269	376	5	98 52	46	222	422	523	5	245 199	46	π Lybrand
6	069	770	370	5	92 46	46	140	528	[illegible]	5	163 117	46	
7	168	869	469	5	191 145	46	194	389	495	5	217 170	47	
Total	693	665					1550 693 856	534 665 869				286 286 572	
Diff. in Elev. BM 1-R													BM 1-8 (Whittier J-10)
													Valley View & Lessingwell rd.
													See FB. 1202-13

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 A.C. Guizado WEATHER Warm INST. NO. N3 7523

NOTES BY [illegible] DATE 9-[illegible] TIME [illegible] ROD NO. 95 [illegible]

INDEXED H. E. OTT DATE NOTES CHKD [illegible] DATE [illegible]

F.B. [illegible] PG. 121

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM. 1-9A B D* TO BM. 4-5A
BM. 1-9A													BM. 1-9A (Whittier J-10) Aux-1
1	284	563	385	5	107 061	46	117	985	418	5	140 95	45	Leffingwell Rd & Telegraph Rd
2	264	350	565	5	284 244	40	046	590	347	5	65 27	38	see F.B. 1202-4
													" 2453-55
3	249	526	550	5	268 230	38	043	313	344	5	63 23	40	
4	254	079	555	5	273 235	38	055	331	356	5	74 36	38	
5	244	399	548	5	270 [illegible]	46	092	636	393	5	115 69	46	π Lyonnaise
6	181	597	482	5	191 171	20	160	194	461	5	170 150	20	
Total	1281	814				228	516	554				227	
	516	554										228	
Diff. in Elev.	765	260										455	
B.M. 4-5A													BM 4-5A (Whittier J-9) Aux-1
													Leffingwell Rd & ¼ mi. Easterly from Telegraph Rd.
													see F.B. 1205-10
													2453-57
													* See FB 1202-14

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. 4-5A TO BM. 1-9B
BM 4-5A													B.M. 4-5A (whittier J-9) Aux 1
1	149	339	450	5	159 139	20	177	180	478	5	187 167	20	Leffingwell ¼ mi. Easterly From Telegraph rd.
2	092	022	393	5	115 70	45	240	489	541	5	265 217	46	see F.B. 1205-10 2453-57
3	051	779	352	5	70 32	38	254	515	555	5	273 235	38	
4	048	499	349	5	67 29	38	249	221	550	5	268 230	38	
5	042	216	343	5	61 23	38	260	709	561	5	280 240	40	π lybrand
6	113	839	414	5	136 90	46	080	621	381	5	102 58	44	
Total	497	694					1262	735					
						225	497	694				226	
Diff. in Elev. BM. 1-9A							765	041				225	
												451	BM. 1-9~~A~~B Leffingwell rd. & Telegraph see F.B. 1202-14 2453-55

F.B. 2829 Pg. 122 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG. NOTES D.L.B.

INDEXED H. E. OTT DATE

WEATHER Warm INST. NO. NJ 75234

TIME 12:50 - 1:25 ROD NO. 95496

NOTES CHKD. JCM DATE 10-20-60

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.C. Guzado DATE 9-22-60 WEATHER Warm INST. NO. 83-25834

NOTES BY R.C. TIME 10:04 10:50 ROD NO. 95296

INDEXED H. E. Ott DATE NOTES CHKD. J.C.M. DATE 10-20-60

F.B. 2829 Pg. 123

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 4-5A TO BM 4-4A
B.M. 4-5A													B.M. 4-5A (Whittier J-9) Aux 1 1960
1	162	035	463	5	181 143	38	327	816	528	5	246 208	38	
2	049	954	350	5	64 34	30	293	631	594	5	293.2 278	30	Leffingwell rd. ½ M. Easterly From Telegraph
3	007	618	308	5	22.2 7	30	299	588	600	5	299.2 284	30	see F.B. 1205-10 2453-57
4	004	754	305	5	018.2 004	28	226	681	527	5	246 210	32	
5	210	821	511	5	234 186	48	090	546	391	5	112 68	44	T lybrand
6	198	674	499	5	217 179	38	069	810	370	5	88 50	38	
7	272	495	573	5	285 259	26	005	172	306	5	018.2 005	26	
8	299	434	600	5	299.2 286	26	010	625	311	5	026.2 010	32	
9	245	275	544	5	259 227	32	106	844	407	5	120 92	28	
10	155	276	456	5	165 145	20	157	951	458	5	168 146	22	
Total	1604	336				316	1488	634				320 316	
	1488	634									METERS	636	B.M. 4-4A (Whittier K-9 Aux D) 1960 Leffingwell rd. & Luitweiler ave. see F.B. 1205-9 2053-59
Diff. in Elev. BM 4-4A	115	702											

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 4-4A TO BM 4-5A
BM. 4-4A													
1	155	538	456	5	165 145	20	152	878	453	5	162 142	20	BM. 4-4A (whittier K-9) Aux.-1 1960
2	092	423	393	5	107 77	30	228	338	529	5	243 213	30	Leffingwell Rd & Luitweiler ave. See F.B. 1205-9 2453-59
3	016	882	317	5	030.2 016	28	299	914	600	5	299.2 285	28	
4	004	039	305	5	017.2 004	26	277	889	528	5	290 264	26	
5	061	915	362	5	80 42	38	190	659	491	5	209 171	38	T Lybrand
6	083	262	384	5	106 60	46	203	389	504	5	226 180	46	
7	209	378	510	5	224 194	30	005	289	306	5	019.2 005	28	
8	289	568	590	5	289.2 273	32	003	492	304	5	017 003	28	
9	295	035	596	5	295.2 279	32	033	585	334	5	50 16	34	
10	220	901	521	5	238 202	36	149	213	450	5	169 129	40	
Total	1428	941					1544	646					
						318	1428	941				318	
Diff. in Elev. BM. 4-5-A							115	705				318	BM. 4-5A (whittier J-9) Aux-1 1960
												636	Leffingwell Rd ¼ mi. Easterly from Telegraph Rd. See F.B. 1205-10 2453-57

F.B. 2829 Pg. 124

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY H.C.G. NOTES DLB

INDEXED D.E. OIL DATE

JOB NO. 0301.02

WEATHER WARM INST. NO. N3 75234

TIME 10:55 11:30 ROD NO. 95 & 96

NOTES CHKD. UCM DATE 10-20-60

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 4-4A TO BM 4-3
BM 4-4A													BM 4-4A (WHITTIER L-9 [illegible]
1	105	875	406	5	121 / 89	32	282	519	583	5	299 / 265	3[illegible]	LEFFINWELL RD &
													LUITWEILER AVE
2	035	478	336	5	49 / 21	28	292	280	593	5	292 1/2 / 278 1/2	28	SEE F.B 1205-9
													2453-59
3	005	733	306	5	22 1/2 / 5	34	231	881	532	5	249 / 213	36	
4	146	835	447	5	169 / 123	46	049	330	350	5	72 / 26	46	
5	281	612	582	5	296 / 264	30	004	209	305	5	18 1/2 / 4	28	
6	300	116	601	5	300 1/2 / 287 1/2	26	010	315	311	5	23 1/2 / 10	26	⊼ D.L BROWN
7	293	473	594	5	293 1/2 / 274 1/2	34	088	019	389	5	105 / 71	34	
8	198	422	499	5	220 / 176	44	151	153	452	5	172 / 129	43	
TOTAL	1367	544	CM			274	1109	7 / 908	CM			275	
	1109	7 / 908										274	
DISS IN ELEV	257	8 / 636	CM									549	METERS
BM 4-3A								?					BM 4-3A (WHITTIER L-9 AUX 1 1960
1	182	167	483	5	184 / 180	4	183	953	484	5	185 / 180	[illegible]	LEFFINGWELL Rd & STAMY Rd; & INT
							182	167					SEE F.B 1205-9 & 2453-61
DISS IN ELEV							1	786	CM				
BM 4-3													BM 4-3 (WHITTIER L-9) SY 1153
													LEFFINWELL RD &
													STAMY RD
													SEE F.B 1205-8

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

SURVEY BY A.C. GUIZADO WEATHER HOT & SMOKE INST. NO. 75234

NOTES BY [illegible] DATE [illegible] TIME 2:50 PM ROD NO. 95696

INDEXED H. E. OTT DATE NOTES CHKD [illegible]

F.B. 2609 Pg. 125

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 4-3 TO BM 4-4A
BM 4-3													BM 4-3 (WHITTIER L-9) SY 1958
1	183	288	484	5	185 / 180	5	181	510	482	5	184 / 178	6	LEFFINWELL RD ℄
	181	510										5	STAMY RD
DIFF IN ELEV	1	778	CM									11	SEE F.B 1205-8
BM 4-3A													BM 4-3A (WHITTIER L-9 AUX 1 1960)
1	148	719	449	5	170 / 126	44	197	539	498	5	219 / 175	44	LEFFINWELL & STAMY Rd's ; ℄ INT
2	089	905	390	5	106 / 72	34	295	460	396	5	295 / 216 1/2	34	SEE F.B 1205-8
													2453-61
3	001	870	305	5	20 / 7 1/2	26	294	870	595	5	294 / 281 1/2	26	
4	004	898	305	5	18 / 4 1/2	28	283	699	584	5	298 / 268	30	
5	046	420	347	5	69 / 23	46	141	021	442	5	164 / 118	46	⊼ DL BROWN
6	227	111	528	5	245 / 209	36	009	934	310	5	261 / 9	34	
7	293	503	594	5	293 / 279	28	022	390	323	5	36 / 8	28	
8	282	734	583	5	299 / 265	34	114	009	415	5	131 / 98	33	
TOTAL	1101	150	CM				1358	922	CM				
						276	1101	161 / 151				275	
DIFF IN ELEV							257	771 / 6	CM			276	
BM 4-4A												551	BM 4-4A (WHITTIER R-9 AUX 1
													LEFFINWELL RD ℄
													LUITWELER AVE
													SEE F.B 1205-9
													2453-59

F.B. 2829 Pg. 126

SURVEY OF C.A. CO. PRECISE LEVEL NO. 0301.02

SURVEY BY ACG NOTES ALG 9-23-60

INDEXED H.E. OTT DATE

WEATHER HOT & SMOG INST. NO. N3 75234

TIME 3:25 TO 3:55 ROD NO. 95E96

NOTES CHKD VCM DATE 10-20-60

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 A.C. GALIZADO WEATHER Cool

NOTES BY R.C. TIME 9 INST. NO. 2233

INDEXED H.E. OTT DATE 2-24 DATE NOTES CHKD. 1/24 DATE 1-27-64 ROD NO. 9

F.B. 2839 Pg. 127

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 4-3 TO BM 4-2A
BM 4-3													BM. 4-3 (WHITTIER L-9) LEFFINGWELL & STAM. Sur. FB 1205-8
1	185	917	486	5	708 167	46	713	847	541	5	330	46	
2	061	785	362	5	74 23	25	284	601	585	5	299	25	
3	010	712	31	5	79	36	228	670	529	5	210	36	
4	158	482	127	5	151 155	46	067	720	362	5	22	46	T. A. GOPLE
5	722	308	546	5	767 221	46	051	427	352	5	28	46	
6	251	511	356	5	778 233	46	066	452	307	5	23		
7	752	127	207	5	785	46	711	294	424	5	147 101	46	
8	172	161	430	5	795 150	46	101	587	402		124 78	46	
	127	116	454	5	193		152	726	453		93		
TOTAL	1455	733					1359					859 859 718	
DIFF. IN ELEV.	132	872					1321	872					
BM 4-2A	182	911											S.M. 4-2A (LA Co. A-9) Alt. 1 LEFFINGWELL Rd & 620' N of FRONT & SCOTT St. E Sur. FB 1205-7 2453-63

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.

INST. NO. N3 25234 ROD NO. 254 P6 DATE 10-20-64

WEATHER Hot TIME 1100 NOTES CHKD. JCM

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 4-2A TO B.M. 4-3A
B.M. 4-2A													B.M. 4-2 A (LA HABRA A-9) AUX 1
	156	132	451	5	161 / 134	22	179	713	480	5	190 / 168	22	LEFFINGWELL Rd & 620'± N'ly
2	095	530	396	5	118 / 72	46	171	627	472	5	194 / 148	46	FROM THE ℄ SCOTT AVE
													SEE FB 1205-7
3	124	453	475	5	147 / 101	46	[illegible]	[illegible]	[illegible]	5	[illegible] / 102	46	" " 2453-63
4	067	907	369	5	90 / 44	46	[illegible]	251	563	5	[illegible] / 238	46	
5	050	328	351	5	73 / 27	46	244	721	575	5	267 / 221	46	T. A. COBLE
6	075	650	376	5	95 / 50	45	130	160	431	5	153 / 107	46	
7	224	470	525	5	242 / 206	36	254	501	325	5	271 / 237	34	
8	274	262	525	5	288 / 262	26	052	294	353	5	65 / 39	26	
9	242	417	543	5	265 / 220	45	186	410	487	5	209 / 162	47	
TOTAL	1305	144					437	747					
DIFF. IN ELEV.						359	1305	441				359	
B.M. 4-3							1328	03				359	
												718	B.M. 4-3 (WHITTIER L-9) LEFFINGWELL & STARN Rd
													SEE FB 1205-8

F.B. 2829 Pg. 128

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES RG DATE 7-26-60

INDEXED H.E.O. DATE

030182

76P5268 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 [illegible] TO [illegible]
BM [illegible] 2A									BM [illegible] 2A (LA HABRA [illegible]) A.V.1
	[illegible]	[illegible]	[illegible]	[illegible] 46					LEFFINGWELL Rd & [illegible]
2	[illegible]		473	[illegible] 90	136	725	457	[illegible] 46	FROM [illegible] SEE FB 1205-7
									" 2453-63
3	129	394	[illegible]	[illegible] 46	[illegible]	[illegible]	389	[illegible] 46	
4	176	[illegible]	[illegible]	[illegible] 53	[illegible]	[illegible]	[illegible]	[illegible]	
5	173	521	[illegible]	[illegible] 46	[illegible]	[illegible]	[illegible]	[illegible] 17	
6	[illegible]	[illegible]	[illegible]	[illegible] 47	130	[illegible]	131	[illegible] 46	
7	[illegible]	[illegible]	[illegible]	[illegible]	110	292	411	[illegible] 44	
8	198	012	194	[illegible] 45		[illegible]	[illegible]	[illegible] 17	
9	500	[illegible]	[illegible]	[illegible]	033	[illegible]	[illegible]	[illegible]	
10	[illegible]	452	331	[illegible] 313	[illegible]	[illegible]	[illegible]	[illegible]	
TOTAL	1918	405		44	57	401		91 / 145 / 144 / 894	METERS
DIFF. IN ELEV.	1.57	[illegible]							
	76.1	[illegible]							
B.M. [illegible] A									[illegible] A (LA HABRA B-9) AUX
									LEFFINGWELL Rd & [illegible]
									SEE FB 1205-C
									" 2453-65

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

SURVEY BY [illegible] WEATHER [illegible]

NOTES BY [illegible] TIME [illegible] INST. NO. [illegible]

INDEXED [illegible] DATE [illegible] ROD NO. [illegible]

H. E. CH DATE [illegible] NOTES CHKD [illegible] DATE [illegible]

F.B. 2829 PG. 129

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 4-1A TO BM 4-2
BM. 4-1A									BM. 4-1A (LA HABRA AUX B-9)
1	100	9.1	401 5	114 85 29	225	247	526 5	241 208 33	LEFFINGWELL Rd & UPRRY
									SEE FB 1205-6
2	081	360	382 5	104 57 47	200	095	501 5	224 178 46	" 2453-65
3	111	864	412 5	135 88 47	192	620	493 5	215 169 46	
4	103	698	404 5	126 80 46	177	637	478 5	200 154 46	
5	125	217	426 5	149 101 48	171	515	472 5	194 148 46	A. GOBLE
6	128	103	429 5	152 104 48	173	592	474 5	197 150 47	
7	114	374	415 5	137 90 47	174	361	475 5	198 151 47	
8	080	939	381 5	103 57 46	220	773	521 5	243 197 46	
9	130	610	431 5	153 107 46	169	235	470 5	192 146 46	
10	142	242	443 5	165 119 46	178	933	475 5	197 151 46	
TOTAL	1119	318			1880	013			
DIFF. IN				450	1119	318		449	
ELEV.					760	695		450	
								899	
BM. 4-2A									BM. 4-2A (LA HABRA A-9) AUX
									LEFFINGWELL Rd & 620'± NE'LY
									FROM ℄ SCOTT AVE
									SEE FB 1205-7
									" 2453-63

F.B. 2829 Pg 130

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY A.C.C. NOTES R.C.

INDEXED H.E. OTT DATE 9-26

JOB NO. 0301.02

WEATHER HOT

TIME 11:05

NOTES CHKD UCM

INST. NO. N-3 75234

ROD NO. 95896

DATE 10-20-60

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 4-14 TO BM 3-16
BM 4-14													BM 4-14 (44 HERBRA 891
	181	252	482	5	204 158	44	160	607	20	5	133 53	46	HEFFINGWELL & EL DRAUX)
													SEE FB 205-6
2	177	413	650	5	207 156	46	106	230	407	5	129 83	46	2453-65
3	191	051	472	5	214 168	46	087	577	3885	5	123 69	46	
4	191	349	[illegible]	5	213 169	44	100	595	401	5	133 97	46	T. A. COBLE
5	169	195	470	5	179 158	21	176	722	477	5	167 [illegible]	21	
TOTAL	912	374			205		631	67				205	
DIFF. IN	631	871										205	
ELEV.	280	523										410	METERS
BM 3-16													BM 3-16
													FIRST AVE & LOTHINGWELL ROAD
													SEE FB 200-21 ? 20

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

SURVEY BY [illegible] WEATHER [illegible] INST. NO. 25234

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

INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE [illegible]

F.B. [illegible] Pg. 131

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. 3-16 TO BM. 4-1A
B.M. 3-16													B.M. 3-16
1	169	124	470	5	179 / 158	21	161	253	462	5	171 / 150	21	FIRST AVE & LEFFINGWELL Rd
													SEE FB 1204-20 P 21
2	112	521	413	5	135 / 89	46	200	533	501	5	223 / 177	46	
3	092	793	393	5	115 / 69	46	201	379	502	5	224 / 178	46	
4	106	383	407	5	129 / 83	46	176	338	477	5	199 / 153	46	
5	163	131	464	5	186 / 140	46	184	548	485	5	207 / 161	46	A. GOBLE
TOTAL	644	002					924	051					
DIFF. IN						205	644	002				205	
ELEV.							280	049				205 / 410	
BM. 4-1-A													B.M. 4-1-A (LA HABRA B-9) AUX 1
													LEFFINGWELL Rd & UPRR
													SEE FB 1205-6
													" 2453-65

F.B. 2829 PG. 132

SURVEY OF L. A. CO. PRECISE LEVEL NET

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

INDEXED H. E. OTT DATE 9-26-60

JOB NO. 0301.07

WEATHER HOT INST. NO. 75234

TIME 10:50 11:05 ROD NO. 95496

NOTES CHKD JCM DATE 10-21-60

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. 4-1A TO BM. 3-16
B.M. 4-1A													B.M. 4-1A (LA HABRA AMXT B-7
1	184	309	485	5	207 / 161	46	162	833	463	5	185 / 139	46	LEFFINGWELL RD. & UPRRY. SEE 1205-6
2	181	636	482	5	204 / 158	46	111	391	412	5	134 / 88	46	
3	193	372	494	5	216 / 170	46	086	792	387	5	109 / 63	46	
4	183	402	484	5	206 / 160	46	093	093	394	5	116 / 70	46	⊼ A. GOBLE
5	162	553	463	5	173 / 152	21	171	087	472	5	181 / 160	21	
TOTAL	905	272				205	625	396				205	
DIFF. IN	625	396										205	
ELEV.	279	876										410	
BM. 3-16													BM 3-16 FIRST AVE. & LEFFINGWELL ROAD SEE F.B. 1204-21 ?20

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

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

NOTES BY [illegible] DATE [illegible] TIME 1:40 1:55 ROD NO. [illegible]

INDEXED H. E. OTT DATE NOTES CHKD. [illegible] DATE 10-21-60

F.B. 2829 Pg. 133

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 3-16 TO B.M. 4-1A
B.M. 3-16													B.M. 3-16
1	166	702	467	5	177 / 156	21	158	622	459	5	169 / 148	21	FIRST AVE. & LEFFINGWELL ROAD
2	101	938	402	5	124 / 78	46	191	270	492	5	214 / 168	46	SEE F.B. 1204-21 ?20
3	088	575	389	5	111 / 65	46	197	359	498	5	220 / 175	45	
4	115	410	416	5	138 / 92	46	183	525	484	5	206 / 160	46	⊼ A. GOBLE
5	158	347	459	5	181 / 135	46	180	293	481	5	203 / 157	46	
TOTAL	630	972				204	1911	069				204	
DIFF. IN							630	972				205	
ELEV.							280	097				409	
B.M. 4-1A													B.M. 4-1A (LA AUX1 HABRA B-9 LEFFINGWELL RD. & UPRR SEE F.B. 1205-6

F.B. 2829 PG. 134

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

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

INDEXED B. E. OTT DATE 9-26-60

WEATHER HOT INST. NO. N-3 25234

TIME 1:55 2:10 ROD NO. 95E96

NOTES CHKD. JBM DATE 10-21-60

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. 0501.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY A. C. GUIZADO WEATHER HOT INST. NO. 25223

NOTES BY TIME 7:50 10:20 ROD NO. 25 23

INDEXED DATE NOTES CHKD. DATE

F.B. 2625 PG. 123

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From B.M. 3-16 To B.M. 3-17
B.M. 3-16													B.M. 3-16
1	201	293	502	5	224 / 178	46	105	751	406	5	128 / 82	46	FIRST AVE & JEFFERSON RD
													SEE FB 1204-20 ? 21
2	172	261	473	5	195 / 149	46	108	532	409	5	131 / 85	46	
3	224	506	525	5	247 / 201	46	054	388	355	5	77 / 31	46	
4	242	935	543	5	265 / 219	46	109	622	410	5	132 / 86	46	T. A. COBLE
5	187	923	439	5	210 / 164	46	116	857	417	5	137 / 93	46	
6	193	837	424	5	216 / 170	46	122	919	423	5	145 / 99	46	
7	191	308	432	5	209 / 163	46	21	929	422	5	[illegible] / 98	46	
8	173	[illegible]	[illegible]	5	[illegible]	[illegible]	114	239	415	5	137 / 91	46	
9	207	422	505	5	230 / 184	46	102	570	403	5	135 / 89	46	
10	187	372	488	5	203 / 157	32	159	096	460	5	125 / 143	32	
TOTAL	1977	174				416	1116	072				392	METERS
DIFF. IN	1116	022											
ELEV.	861	152											
B.M. 3-17													B.M. 3-17
													FIRST AVE & 100' S. WHITTIER BLVD
													SEE FB 1204-21 ? 20

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 3-17 TO B.M. 3-16
B.M. 3-17													
1	157	201	458	5	173 / 141	32	185	393	486	5	201 / 169	32	B.M. 3-17 FIRST AVE & 100' S, WHITTIER BLVD SEE FB 1204-20 ? 21
2	095	137	396	5	118 / 72	46	20[illegible]	29[illegible]	502	5	224 / 178	46	
3	115	140	416	5	138 / 92	46	177	368	478	5	[illegible]	46	
4	120	806	42[illegible]	5	[illegible]	46	176	932	4[illegible]	5	1[illegible] / 153	4[illegible]	T A. GOBLE
5	115	297	416	5	135 / 92	46	18[illegible]	5[illegible]	490	5	[illegible]	46	
6	119	985	420	5	142 / 96	46	[illegible]	[illegible]	49[illegible]	5	214 / 168	46	
7	106	322	407	5	12[illegible] / 83	46	[illegible]	[illegible]	[illegible]	5	[illegible]	46	
8	063	095	364	5	86 / 40	46	229	323	530	5	[illegible]	46	
9	108	475	409	5	131 / 85	46	171	038	472	5	194 / 148	46	
10	105	891	406	5	128 / 82	46	201	930	502	5	224 / 178	46	
TOTAL	1107	349					1968	3~~57~~ 46					
DIFF. IN ELEV						446	1107	349				446	
							~~861~~	~~008~~					
B.M. 3-16							860	997				892	B.M. 3-16 FIRST AVE & LEFFINGWELL RD. SEE FB 1204-21 ? 20

F.B. 2829 Pg. 136

SURVEY OF L. A. CO. PRECISE LEVEL NET

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

INDEXED H. E. OTT DATE

WEATHER HOT

TIME 10:20

NOTES CHKD JCM

INST. NO. 75234

ROD NO. 95 & 96

DATE 10-21-60

N-3

0301.02

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes Date MAY 1971
Date	Indexed MAY 27 '71

F. B. 2829 PG. 141

JOB No. 0301.02

L.A. Co. PRECISE LEVEL NET

LINE NO. 4 (PART OF) MAY, 1971 RELEVELING

DESCRIPTION REFERENCES

F.B. 1205
F.B. 796

DREIER
MALDONADO
SIEMANN
McKNIGHT
MIYAHIRA

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 this side of this line.

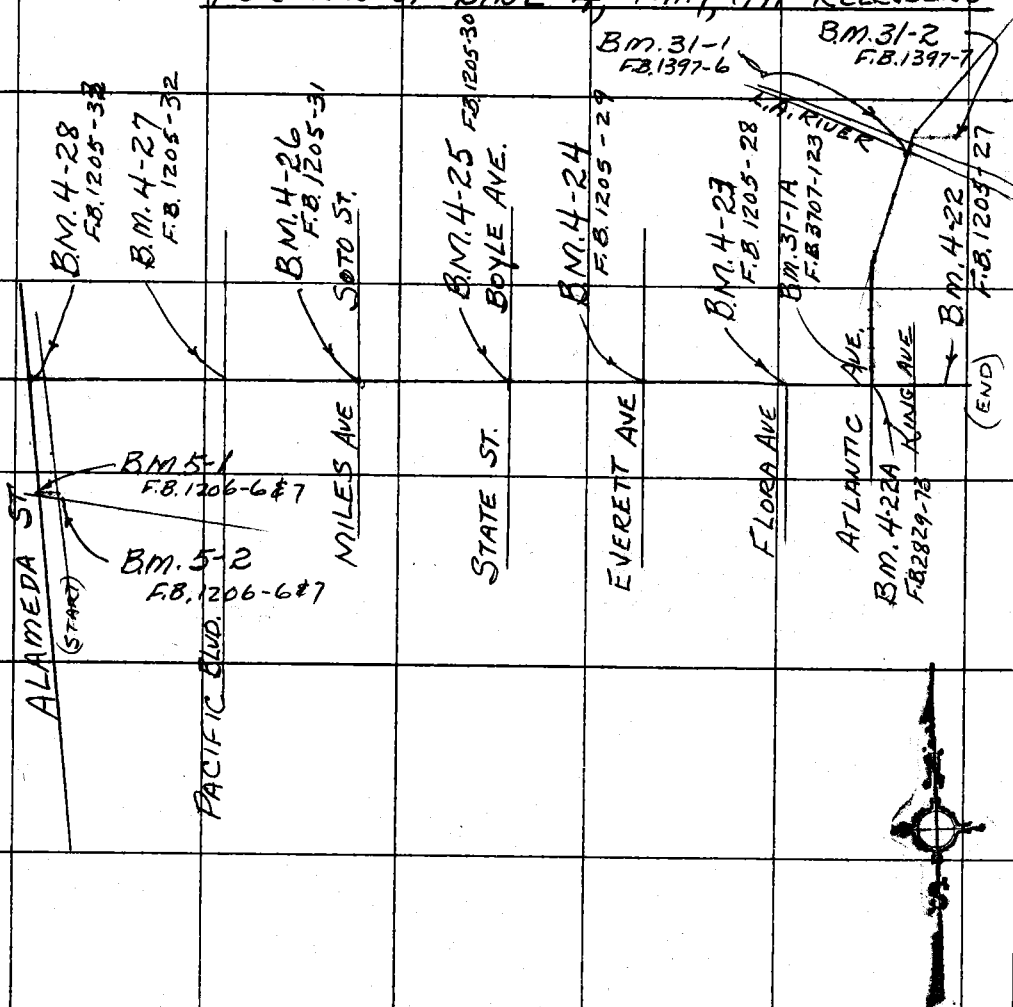
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309S CE#310 3-69

F. B. 2829 PG 142

ROUTE SKETCH

PORTION OF LINE 4, MAY, 1971 RELEVELING



PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=68°

SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 96716

NOTES BY SIEMANN DATE 5-20-71 TIME 8:50 TO 8:59 ROD NO. 95896

INDEXED G.S. GALLI DATE 27 NOTES CHKD. DATE

F.B. 2829 Pg. 143

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	143	974	444 5	145 141 4	151	503	452 5	178 124 54	54 M- 4 M= 50 M=0.20 mm
2	148	212	449 5	150 146 4	140	720	441 5	167 113 54	54 M- 4 M= 50 M=0.20 mm
	292	186			292	223		108	
	292	183		8		0.40 mm			
	+	0.03			-0. mm			- 8	Curvature Corr.=0.40 mm
					292	183		100	
					-				

+0.0003 mm= "C"

100 0.03

mm= "C"

F.B. 2829 PG. 144 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVELNET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

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

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 T-60°

SURVEY BY G.E. Dreier DATE 5-21-71 WEATHER Cloudy INST. NO. 96774

NOTES BY Maldonado TIME 8:30 ROD NO. 95E96

INDEXED DATE NOTES CHKD DATE

F.B. 2829 PG. 145

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS (FROM ____ TO ____)
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	157	202	458 5	159 155 4	183	892	484 5	210 156 54	54 M- 4 M= 50 M=0.20 mm
2	156	441	457 5	158 154 4	129	749	430 5	156 102 54	54 M- 4 M= 50 M=0.20 mm
	313	643		8	313	641		108	
	313	601				040 mm		8	Curvature Corr.=0.40 mm
	+	0.42			-0. mm				
					313	601		100	
					-				
		+0.004		mm= "C"					
	100	0.420							
								mm= "C"	

F.B. 2829 PG. 146 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____

TIME _____

NOTES CHKD _____

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

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

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 T-

SURVEY BY G.E. Dreier WEATHER Hazy Sun INST. NO. 96716

NOTES BY Maldonado DATE 5-24-71 TIME 8:40 ROD NO. 95 & 96

INDEXED S.J. GALLO DATE MAY 27 '71 NOTES CHKD. DATE

F.B. 2829 Pg. 147

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	147	145	448 5	149 / 145 4	* 157	335	458 5	184 / 130 54	54 M- 4 M= 50 M=0.20 mm
2	146	683	447 5	148 / 144 4	136	397	437 5	163 / 109 54	54 M- 4 M= 50 M=0.20 mm
	293	828		8	293	732		108	
	293	692				040 mm		8	Curvature Corr.=0.40 mm
	+	1.36			-0. mm				
					293	692		100	
					-				

+ 0.014 mm= "C"

100 / 1.360
100
60

mm= "C"

F.B. 2829 PG. 148 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

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

76P526B CE # 308 8/68

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 76°
SURVEY BY GEORGE E. DREIER
NOTES BY SIEMANN DATE 5-24-71 TIME 2:30 TO 4:50 WEATHER LT. WIND INST. NO. 76716
INDEXED B.J. GAINS DATE NOV 27 71 NOTES CHKD KOS DATE 6-3-71 ROD NO. 25-29-2C
F.B. 2829 PG. 149

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 5-2 TO B.M. 5-75
B.M. 5-2							B.M. 5-2 (U.S.C.&G.S. X-769)
1	49136	350.5	75 / 49 52	193 914	494.5	218 / 168 50	ALAMEDA ST. & RANDOLPH ST.
							SEE F.B. 1206-6&7
2	109170	410.5	140 / 78 62	155 047	456.5	185 / 125 60	
			114			110	
3	93 069	394.5	122 / 64 58	160 059	461.5	187 / 133 54	
			172			164	
4	102551	403.5	132 / 72 60	204.004	505.5	237 / 171 66	π = MALDONADO
			232			230	
5	126 441	427.5	152 / 100 52	174.231	475.5	200 / 148 52	
			284			282	
6	173 837	474.5	180 / 166 14	152.493	453.5	161 / 143 18	
			298			300	
						298	B.M. 5-75
B.M. 5-75						598	ALAMEDA ST. & GAGE AVE.
	654204			1039748			SEE F.B. 3701-
				654204			
				385544			

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 B.M. 5-75 TO B.M. 5-2
B.M. 5-75									B.M. 5-75
1	164	638	465 5	192 136 56	122	789	423 5	150 94 56	ALAMEDA ST. & GAGE AVE. SEE F.B. 3701 -
2	169	880	470 5	196 142 54 110	111	358	412 5	137 85 52 108	
3	185	950	486 5	213 157 56 166	120	790	421 5	147 93 54 162	π = MALDONADO
4	174	683	475 5	201 147 54 220	115	551	416 5	144 86 58 220	
5	171	548	472 5	198 144 54 274	120	809	421 5	146 94 52 272	
6	160	819	461 5	174 146 28 302	50	900	351 5	65 35 30 302	
B.M. 5-2								302	B.M. 5-2 (U.S.C.&G.S. X-769)
	1027	518			642	197		604	ALAMEDA ST. & RANDOLPH ST. SEE F.B. 1206-6&7
	642	197							
	+385	321							

T276

WEATHER LT. WIND INST. NO. 96716

TIME 2:50 TO 3:20 ROD NO. 95896

NOTES CHKD RGB DATE 6-3-71

F.B. 2829 PG. 150 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-24-71

INDEXED [illegible] DATE

76P526B CE # 308 8/68

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.5-2 TO B.m.5-1
B.M.5-2									B.M.5-2 (U.S.C.&G.S. X-769)
								187	ALEMEDA ST. & RANDOLPH ST.
1	78	500	379	5 86 70 16	177	088	480 5	171 16	SEE F.B. 1206-6&7
									π = MALDONADO
					78	500			
B.M.5-1					100	588			16/32 B.M.5-1 (WATTS H-2)
									ALEMEDA ST. & RANDOLPH ST.
									SEE F.B. 1206-6&7

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-680

SURVEY BY G.E. DREIER WEATHER HAZY SUN INST. NO 96716

NOTES BY SIEMANN DATE 5-20-71 TIME 9:35 TO 9:40 ROD NO 75496

INDEXED G.L. BALL DATE MAY 27 71 NOTES CHKD DATE 6-3-71

F.B. 2829 PG. 151

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.5-1 TO BM.5-2
B.M. 5-1									B.M. 5-1 (WATTS H-2)
1									ALEMEDA ST. & RANDOLPH ST.
	181	228	482 5	189 173 16	80	595	381 5	88 72 16	SEE F.B. 1206 - 6 & 7
	80	595							π = MALDONADO
B.M. 5-2	+100	633						16 32	B.M. 5-2 (U.S.C.&G.S. X-769)
									ALEMEDA ST. & RANDOLPH ST.
									SEE F.B. 1206 - 6 & 7

F.B. 2829 PG. 152 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECUE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-20-71

INDEXED C.J. GALLI DATE

WEATHER OVERCAST T = 68° INST. NO. 96715

TIME 9:30 TO 9:35 ROD NO. 75891

NOTES CHKD RBB DATE 6-3-71

76P526B CE # 308 8/68

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. 5-1 TO B.M. 4-28
B.M. 5-1							B.M. 5-1 (WATTS H-2)
1	130 393	431 5	160 100 60	126 753	427 5	156 96 60	ALEMEDA ST. & RANDOLPH ST.
							SEE F.B. 1206-6&7
2	207 604	508 5	238 176 62	137 379	438 5	168 106 62	
			122			122	
3	203 050	504 5	214 192 22	167 497	468 5	178 156 22	⊼ = MALDONADO
			144 ✓			144 ✓	
B.M. 4-28						144	B.M. 4-28 (WATTS H-2A)
	541 047 ✓			431 629 ✓		288	SLAUSON AVE & ALEMEDA ST.
	431 629						SEE F.B. 1205-33
	+109 418 ✓						

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 68°

SURVEY BY G.E. DREIER WEATHER HAZY SUN INST. NO. 96716

NOTES BY SIEMANN DATE 5-20-71 TIME 9:40 TO 9:50 ROD NO. 75896

INDEXED G. J. GALLI DATE NOV 27 '71 NOTES CHKD RGB DATE 6-3-71

F.B. 2829 PG. 153

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. 2829 PG. 154 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-20-71

INDEXED [redacted] DATE

T=68°

WEATHER OVERCAST INST. NO. 96716

TIME 9:05 TO 9:45 ROD NO. 75896

NOTES CHKD KGB DATE 6-3-71

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 4-28 TO B.M. 5-1
B.M. 4-28							B.M. 4-28 (WATTS H-2A)
1	128 687	429 5	148 108 40	174 830	475 5	194 154 40	SLAUSON AVE. & ALEMEDA ST.
							SEE F.B. 1205-33
2	100 187	401 5	134 66 68	171 301	472 5	204 138 66	
			108			106	
3	157 185	458 5	176 138 38	159 340	450 5	168 130 38	T = MALDONADO
			146			144	
B.M. 5-1						146	B.M. 5-1 (WATTS H-2)
	386 059			485 471		290	ALEMEDA ST. & RANDOLPH ST.
				386 059			SEE F.B. 1206-6&7
				109 412			

76P526B CE # 308 8/68

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.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 4-28 TO B.M. 4-27
B.M. 4-28							B.M. 4-28 (WATTS H-2A)
1	154 393	455 5	189 119 70	142 690	~~107~~ 443 5	177 107 70	SLAUSON AVE & ALEMEDA ST.
							SEE F.B. 1205-33
2	133 969	434 5	160 106 54	140 031	441 5	167 113 54	
			124			124	
3	166 701	467 5	200 132 68	150 381	451 5	184 116 68	
			192			192	
4	143 358	444 5	173 113 60	153 752	454 5	183 123 60	
			252			252	T = J. MALDONADO
5	142 600	443 5	174 110 64	154 928	455 5	186 122 64	
			316			316	
6	134 137	435 5	174 94 80	117 903	418 5	158 76 82	
			396			398	
7	142 963	443 5	174 110 64	178 183	479 5	210 146 64	
			460			462	
8	140 780	441 5	171 109 62	183 678	484 5	212 154 58	
			522			520	
9	169 735	470 5	198 139 60	171 923	472 5	204 138 66	
			582 ✓			586 ✓	
B.M. 4-27						582	B.M. 4-27 (WATTS J-2B)
	1328 636 ✓			1393 469 ✓		1168	SLAUSON AVE. & PACIFIC BLVD.
				1328 636			SEE F.B. 1205-32
				64 833 ✓			

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

SURVEY BY GEORGE E. DREIER

NOTES BY SIEMANN DATE 5-20-71

INDEXED [illegible] DATE [illegible] 27 71

WEATHER HAZY SUN INST. NO. 96716

TIME 11:45 TO ROD NO. 95496

NOTES CHKD [illegible] DATE 6-3-71

T = 76°

F.B. 2829 PG. 155

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. 2829 PG. 156 JOB NO. D301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-20-71

INDEXED G. J. GALLI DATE

T = 76°

WEATHER HAZY SUN INST. NO. 96716

TIME 11:00 TO 11:40 ROD NO. 15496

NOTES CHKD RGB DATE 6-3-71

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 4-27 TO B.M. 4-28
B.M. 4-27									B.M. 4-27 (WATTS J-2B)
1	186 839		487 5	222 150 72	137 252		438 5	172 102 70	SLAUSON AVE. & PACIFIC BLVD
									SEE F.B. 1205-32
2	143 430		444 5	173 113 60	101 951		402 5	131 71 60	
				132				130	
3	160 137		461 5	192 128 64	148 778		449 5	180 116 64	
				196				194	
4	139 769		440 5	171 107 64	180 241		481 5	213 147 66	
				260				260	
5	176 601		477 5	208 144 64	135 702		436 5	168 102 66	π = JOE MALDONADO
				324				326	
6	151 582		452 5	183 119 64	159 196		460 5	190 128 62	
				388				388	
7	164 159		465 5	197 131 66	164 517		465 5	196 132 64	
				454				452	
8	152 271		453 5	184 120 64	156 711		457 5	188 124 64	
				518				516	
9	134 533		435 5	168 100 68	160 049		461 5	194 126 68	
				586 ✓				584 ✓	
B.M. 4-28								586	B.M. 4-28 (WATTS H-2A)
	1409321				1344597 ✓			1170 ✓	SLAUSON AVE. & ALEMEDA ST.
	1344597								SEE F.B. 1205-33
	+ 64724 ✓								

76P526B CE # 308 8/68

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.

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 5-21-71

INDEXED G. J. GALLI DATE MAY 27 '71

WEATHER Cloudy INST. NO. 96716

TIME 8:40 to 9:20 ROD NO. 95 & 96

NOTES CHKD RGB DATE 6-3-71

T-62°

F.B. 2829 PG. 157

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 4-24 TO BM 4-23
BM 4-24									BM 4-24 (L.A. Co. Trav. Sta. WATTS L-2B)
1	136	458	437 5	178 94 84	191	720	492 5	233 149 84	Slauson Ave. & Everett Ave.
2	157	580	458 5	141 123 68	152	431	453 5	185 119 66	See F.B. 1205-29
3	170	110	471 5	212 152 128 84	171	380	472 5	212 150 130 82	
4	141	000	442 5	176 236 106 70	192	110	493 5	227 232 157 70	T-Siemann
5	147	413	448 5	188 306 106 82	182	560	483 5	224 302 140 84	
6	120	966	421 5	162 388 78 84	208	659	509 5	250 386 166 84	
7	117	752	418 5	162 472 72 90	203	999	504 5	248 470 158 90	
8	140	772	441 5	144 562 136 8	176	918	477 5	181 560 171 10	
				570				570	
								570	
	1132	051			1479	777		1140	
					1132	051			
BM 4-23					347	726			BM 4-23 (L.A. Co. Trav. Sta. BELL B-2A) Slauson Ave. & Flora Ave. See F.B. 1205-28

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. 4-23 TO B.M. 4-24
B.M. 4-23									B.M. 4-23 (BELL B-2A)
1	226	772	527 5	264 188 76	118	249	419 5	158 78 80	SLAUSON AVE. & FLORA AVE.
2	196	431	497 5	230 162 68	122	981	423 5	152 92 60	SEE F.B. 1205-28
3	198	674	499 5	244 144 152 92	131	098	432 5	175 140 87 88	
4	180	092	481 5	216 236 144 72	135	650	436 5	172 228 98 74	π-Siemann
5	173	321	474 5	208 308 138 70	158	182	459 5	196 302 120 76	
6	155	820	456 5	190 378 120 70	164	199	465 5	199 378 129 70	
7	165	403	466 5	199 448 131 68	128	353	429 5	163 448 93 70	
8	18[illegible]	511	482 5	205 516 157 48	172	181	473 5	195 518 149 46	
				564				564	
								564	
	1478	024			1130	893		1128	
	1130	893							
	+347	131							
BM 4-24									BM 4-24 (WATTS L-2B) Slauson Ave. & Everett Ave. See F.B. 1205-29

F.B. 2829 PG. 158 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-21-71

INDEXED [illegible] DATE

WEATHER Cloudy INST. NO. 9676

TIME 1:30 to 2:05 ROD NO. 9586

NOTES CHKD RCB DATE 6-3-71

T-67°

76P526B CE # 308 8/68

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier DATE 5-24-71 WEATHER Hazy Sun INST. NO. 96716
NOTES BY Macdonald TIME 10:55 to 11:00 ROD NO. 95-F96
INDEXED C.L. GALLI DATE MAY 27 71 NOTES CHKD KOB DATE 6-3-71

T-76°

F.B. 2829 PG. 159

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 4-24 TO BM 4-23
BM 4-24							BM 4-24 (WATTS L-2B)
			186			215	S/Euson Ave. & Everett Ave.
1	160 298	461 5	134 52	189 709	490 5	163 52	see F.B. 1205-29
			165			216	
2	139 208	440 5	113 52	189 680	490 5	162 54	
			216 104			196 106	
3	186 199	487 5	156 60	166 280	467 5	136 60	Re-Run
			210 164			193 166	
4	182 200	483 5	154 56	166 017	467 5	139 54	T. Siemann
			169 220			195 220	
5	142 621	443 5	115 54	168 693	469 5	141 54	
			170 274			199 274	
6	145 163	446 5	120 50	173 615	474 5	147 52	
			170 324			205 326	
7	142 659	443 5	114 56	177 890	478 5	149 56	
			171 380			221 382	
8	142 088	443 5	113 58	193 779	494 5	165 56	
			145 438			208 438	
9	120 450	421 5	95 50	183 262	484 5	158 50	
			168 488			212 488	
10	139 175	440 5	110 58	185 097	486 5	158 54	
			161 546			216 542	BM 4-23 (BELL B-2A)
BM 4-23 11	150 396	451 5	139 22	203 541	504 5	190 26	S/Euson Ave. & Flora Ave.
			568			568	see F.B. 1205-28
						568	
	1650 457			1997 563		1136	
				1650 457			
				347 106			

F.B. 2829 PG. 160 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

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 _____ TO _____

76P526B CE # 308 8/68

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 4-23 TO BM 31-1A
BM 4-23			197			214	BM 4-23 (L.A.Co. Trav. Sta. BELL
1	153 441	454 5	109 88	171 450	472 5	128 86	B-2A)
			183			210	Slauson Ave. & Flora Ave.
2	139 321	440 5	95 88	166 868	467 5	122 88	See F.B. 1205-28
			176			174	
						176	⊼ R. SIEMANN
	292 762			338 318		350	
				292 762			
BM 31-1A				45 556			B.M. 31-1A N.E. COR
							SLUASON AVE & ATLANTIC BLVD.
							SEE F.B. 3707-123

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 5-21-71

INDEXED [illegible] DATE NOV 27 '71

WEATHER Cloudy

TIME 9:25 to 9:35

NOTES CHKD RGB

INST. NO. 96716

ROD NO. 95 & 96

DATE 6-3-71

T-63°

F.B. 2829 PG. 161

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. 31-1A TO BM 4-23
B.M. 31-1A				198				176	B.M. 31-1A
1	174	841	475 5	150 48	151	128	452 5	126 50	SLAUSON AVE. & ATLANTIC BLVD. N.E. COR.
				206				180	SEE F.B. 3707-123
2	162	053	463 5	118 88	136	551	437 5	92 88	
				192 136				194 138	
3	174	658	475 5	156 36	178	444	479 5	162 32	π-Siemann
				172				170	
								172	
	511	552			466	123		342	
B.M. 4-23	466	123							B.M. 4-23 (BELL B-2A)
	+ 45	429							SLAUSON AVE & FLORA AVE
									SEE F.B. 1205-28

F.B. 2829 Pg. 162 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVELNET

SURVEY BY DREIER NOTES Maldonado 5-21-71

INDEXED [illegible] DATE

WEATHER Cloudy INST. NO. 96716

TIME 1:20 to 1:30 ROD NO. 95 & 96

NOTES CHKD RGB DATE 6-3-71

T - 67°

76P526B CE # 308 8/68

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 31-1A TO BM 4-22A
BM 31-1A									BM 31-1A
				178	179			196	SLAUSON AVE & ATLANTIC BLVD. N.E. COR.
1	161	950	462 5	~~144~~ 34	~~95~~	683	480 5	162 34	SEE F.B. 3707-123
~~2~~	x				161	950		34	⊼ R. SIEMANN
					-17	733 ✓		68 ✓	
B.M. 4-22A									B.M. 4-22A
									SLAUSON AVE & ATLANTIC BLVD., S.E. COR.
									SEE F.B. 2829-73

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-62°

SURVEY BY G.E. Dreier WEATHER Cloudy INST. NO. 96716

NOTES BY Maldonado DATE 5-21-71 TIME 9:40 to ROD NO. 95796

INDEXED G. J. GALLI DATE NOV 27 71 NOTES CHKD. ROD DATE 6-2-71

F.B. 2829 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 4-22A TO BM 31-1A
B.M. 4-22A									BM422A
				195				178	SLAUSON AVE. & ATLANTIC BLVD. S.E. COR.
1	178	865	479.5	161 34	161	087	462 5	144 34	SEE F.B. 2829-73
	161	087						34	
	+17	778						68	
B.M. 31-1A									B.M. 31-1A
									SLAUSON AVE. & ATLANTIC BLVD. N.E. COR.
									SEE F.B. 3707-123

F.B. 2829 PG. 164 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES J. MALDONADO 5-21-71

INDEXED G. J. GALLI DATE

WEATHER CLOUDY 60° INST. NO. 96716

TIME 10:00 to 10:05 ROD NO. 95896

NOTES CHKD R.G.B. DATE 6-3-71

76P526B CE # 308 8/68

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 4-22A TO BM 4-22
BM 4-22A							BM 4-22A (SPK. in lead on curb)
			198			241	Slauson & Atlantic Blvd. S.E.Cor
1	146.691	447.5	94 104	189 102	490.5	137 104	See F.B. 2829-73
			167			222	
2	154.478	455.5	141 26	209.220	510.5	196 26	T-Siemann
			130			130	
						130	
	301 169			398 322		260	
B.M. 4-22				301 169			B.M. 4-22
							SLAUSON AVE, E. OF KING AVE.
				97 153			SEE F.B. 1205-27

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-60°

SURVEY BY G.E. Dreier

NOTES BY J. MALDONADO DATE 5-21-71 WEATHER Cloudy INST. NO 96716

INDEXED G.J. GALLO DATE NOV 27 '71 TIME 9:40 to 9:45 ROD NO 95 & 96

NOTES CHKD R.G.B. DATE 6-2-71

F.B. 2829 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.

F.B. 2829 PG. 166 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES J. MALDONADO

INDEXED [redacted] DATE

WEATHER CLOUDY INST. NO. 96716

TIME 9:50 to 10:00 ROD NO. 95 & 96

NOTES CHKD. RCB DATE 6-3-71

60°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 4-22 TO BM 4-22A
BM. 4-22							BM 4-22 (BELL B-2)
							SLAUSON AVE. E. OF KING AVE
1	228.547	529.5	260 196.64	140.270	441.5	173 107.66	SEE F.B. 1205-27
2	171.660	472.5	205 137.68	162.741	463.5	196 162.268	
			132			134	
						132	
	400.207			303.011		266	
BM. 4-22A	303.011						B.M. 4-22A
							SLAUSON AVE & ATLANTIC BLVD S.E. COR.
	+97.196						SEE F.B. 2829-73

76P526B CE # 308 8/68

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 5-21-71 WEATHER OVERCAST INST. NO. 96716
NOTES BY SIEMANN TIME 10:10 TO 10:50 ROD NO. 95896
INDEXED B.J. GALLI DATE 27 NOTES CHKD. KEE DATE
T = 62°
F.B. 2829 Pg. 167

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 31-1A TO B.M. 31-1
B.M. 31-1A	4		203			167	B.M. 31-1A
1	169 359	470 5	135 68	132 455	433 5	97 70	ATLANTIC BLVD. & SLAUSON AVE
							SEE F.B. 3707-123
2	174 092	475 5	213 135 78	141 431	442 5	180 102 78	
3	147 409	448 5	185 146 109 76	133 156	434 5	171 148 95 76	T = MALDONADO
4	159 1[illegible] 002	460 5	192 222 126 66	121 812	422 5	152 224 90 62	
5	174 728	475 5	207 288 141 66	124 930	425 5	158 286 90 68	
6	178 589	479 5	197 354 159 38	34 253	335 5	53 354 15 38	
7	225 414	526 5	337 392 213 24	121 583	422 5	132 392 110 22	
			416			414	
B.M. 31-1						416	B.M. 31-1
	1228593			809620		830	ATLANTIC BLVD. & L.A. RIVER. S.W.
	809620						COR. OF BRIDGE.
	+ 418973						SEE F.B. 1392-6

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 B.M. 31-1 TO B.M. 31-1A
B.M. 31-1									B.M. 31-1
1	46	938	347 5	62 30 32	257	702	558 5	272 242 30	ATLANTIC BLVD. & L.A. RIVER. SEE F.B. 1397-6
2	95	253	396 5	135 55 80 112	163	161	464 5	202 124 78 108	
3	112	291	413 5	147 77 70 182	168	689	469 5	205 131 74 182	
4	142	937	443 5	179 105 74 256	148	419	449 5	185 111 74 256	π = MALDONADO
5	149	981	450 5	184 114 70 326	176	983	477 5	210 142 68 324	
6	129	490	430 5	161 97 64 390	167	025	468 5	195 139 56 380	
7	152	720	453 5	168 136 32 422	166	691	467 5	186 146 40 420	
B.M. 31-1A								422	B.M. 31-1A
	829	610			1248	670		842	ATLANTIC BLVD. & SLAUSON AVE. SEE F.B. 3707-123
					829	610			
					419	060			

F.B. 2829 PG. 168 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-21-71

INDEXED G.J. GALLI DATE

WEATHER LT. WIND INST. NO. 9670

TIME 10:55 TO 12:10 ROD NO. 95096

NOTES CHKD RLB DATE 6-3-71

T = 66°

76P526B CE # 308 8/68

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-80°
SURVEY BY G. E. Dreier DATE 5-20-71 TIME 1:30 to 1:55 WEATHER Sunny & Breezy
NOTES BY Maldonado DATE 5-27-71 NOTES CHKD. K.B. DATE 6-3-71
INDEXED C.L. Gall ROD NO. 96716 93896
F.B. 2829 Pg. 169

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From BM 4-27 To BM 4-26
BM 4-27			179			215	BM 4-27 (L.A.Co. Trav. Sta. WATTS J-2B)
1	146.173	447.5	113.64	183.067	484.5	151.64	Slauson Ave. & Pacific Blvd.
			182			190	See F.B. 1205-32
2	151.600	452.5	120.62	159.639	460.5	128.62	
			171 128			188 126	
3	142.323	443.5	113.58	159.701	460.5	130.58	π-Miyahira
			174 186		457	182 184	
4	143.734	444.5	112.62	150.895	~~452~~ 5	118.64	
			156 248			197 248	
5	142.783	443.5	128 28	183.850	484.5	169 28	
			276 ✓			276 ✓	
						276	
						552 ✓	
	726.613 ✓			838.152 ✓			
				726.613			
BM 4-26				110.539 ✓			BM 4-26 (L.A.Co. Trav. Sta. WATTS J-2E)
							Slauson Ave. & Miles Ave.
							See F.B. 1205-31

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. 4-26 TO B.M. 4-27
B.M. 4-26									B.M. 4-26 (WATTS J-2E)
1	182	983	483 5	202 162 40	134	541	435 5	154 114 40	SLAUSON AVE & MILES AVE
2	160	511	461 5	193 127 66	131	405	432 5	164 98 66	SEE F.B. 1205-31
3	160	694	461 5	192 106 128 64	135	232	436 5	168 106 102 66	
4	171	240	472 5	202 170 140 62	146	563	447 5	176 172 116 60	T-Miyahira
5	149	470	450 5	171 232 127 44	166	671	467 5	189 232 143 46	
				276				278	BM 4-27 (L.A.Co. Trav. Sta.
								276	WATTS J-2B)
BM 4-27	824	898			714	412		554	Slauson Ave. & Pacific Blvd.
	714	412							See F.B. 1205-32
	+110	486							

T-68°

WEATHER Hazy Sun INST. NO. 96716

TIME 8:40 to 9:05 ROD NO. 95796

NOTES CHKD. RGB DATE 6-3-71

F.B. 2829 PG. 170 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-24-71

INDEXED [illegible] DATE

76P526B CE # 308 8/68

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 4-26 TO BM 4-25
BM 4-26				191				180	BM 4-26 (L.A.Co.Trav. Sta. WATTS
1	172	270	473.5	153 38	161	642	462.5	142 38	J-2E)
				144				212	Slauson Ave. & Miles Ave.
2	111	071	412.5	78 66	179	477	480.5	146 66	See F.B. 1205-31
				145 104				207 104	
3	111	911	412.5	77 68	173	546	474.5	139 68	
				152 172				163 172	
4	117	674	418.5	82 70	163	313	464.5	127½ 72	π-Miyahira
				154 242				238 244	
5	125	940	426.5	96 58	206	109	507.5	174 64	
				300				308	
								300	
	638	866			884	087		608	
					638	866			
BM 4-25					245	221			BM 4-25 (L.A.Co. Trav. Sta. WATTS K-2A) Slauson Ave. & State St. See F.B. 1205-30

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 5-20-71

INDEXED G. J. [illegible] DATE [illegible] 27 71

WEATHER Sunny & Breezy INST. NO. 96716

TIME 2:00 to 2:25 ROD NO. 95 & 96

NOTES CHKD RCB DATE 6-3-71

T-80°

F.B. 2829 PG. 171

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. 4-25 TO B.M. 4-26
B.M. 4-25									B.M. 4-25 (WATTS K-2A)
1	212	752	513 5	244 / 180 64	129	689	430 5	161 / 97 64	SLAUSON AVE. & STATE ST.
									SEE F.B. 1205-30
2	166	765	467 5	202 / 130 72	127	393	428 5	163 / 91 72	
3	177	654	478 5	214 136 / 144 70	141	743	442 5	175 136 / 107 68	X - Miyahira
4	202	495	503 5	233 206 / 171 62	106	877	407 5	139 204 / 73 66	
5	154	737	455 5	173 268 / 135 38	163	430	464 5	181 270 / 145 36	
				306				306	
								306	
	914	403			669	132		612	BM 4-26 (WATTS J-2E)
BM 4-26	669	132							Slason Ave. & Miles Ave.
	+ 245	271							See F.B. 1205-31

T-68°

WEATHER Cloudy INST. NO. 96716

TIME 2:55 to 3:15 ROD NO. 95896

NOTES CHKD R613 DATE 6-3-71

F.B. 2829 PG. 172 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-21-71

INDEXED G. J. GALLI DATE

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. 4-24 TO B.M. 4-25
B.M. 4-24				243				164	B.M. 4-24 (WATTS L-2B)
1	208	888	509 5	173 70	129	706	430 5	94 70	SLAUSON AVE. & EVERETT AVE.
				206				116	SEE F.B. 1205-29
2	169	541	470 5	132 74	79	010	380 5	42 74	
				136 144				245 144	
3	102	904	403 5	68 68	214	144	515 5	183 62	
				202 212				197 206	
4	169	149	470 5	136 66	165	959	466 5	133 64	⊼ - Miyahira
				178 278				174 270	
5	~~139~~ 141	012	442 5	104 74	138	417	439 5	102 72	
				176 352				166 342	
6	142	942	443 5	108 68	132	442	433 5	98 68	
				193 420				172 410	
7	160	597	461 5	127 66	134	465	435 5	96 76	
				203 486				214 486	
8	167	655	468 5	131 72	178	550	479 5	142 72	
				558				558	
								558	
								1116	
	126 ~~3~~ 26	988			1172	693			
	1172	693							
	89	995							
									B.M. ~~4-24~~ 4-25 (WATTS K-2A)
									Slauson Ave. & State St.
									See F.B. 1205-30
BM 4-~~24~~ 25									

T-70°

WEATHER Cloudy INST. NO. 96716

TIME 2:10 to 2:50 ROD NO. 95 & 96

NOTES CHKD RCB DATE 6-3-71

F.B. 2829 PG. 174 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-21-71

INDEXED [illegible] DATE

76P526B CE # 308 8/68

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-76
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 5-20-71 WEATHER Sunny & Breezy INST. NO. 9671
INDEXED G.J. GALLI DATE MAY 27 71 TIME 2:30 to 3:20 ROD NO. 95496
NOTES CHKD RCB DATE 6-3-71
F.B. 2829 Pg. 173

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 4-25 TO BM 4-24
BM 4-25							
1	182 113	483 5	212 152.60	159 ~~160~~ 951	460 5	188. 130.58	BM 4-25 (L.A.Co. Trav. Sta. WATTS K-2A) Slauson Ave. & State St. See F.B. 1205-30
2	138 503	439 5	170 106 64	168 520	469 5	200 136 64	
3	132 068	433 5	159 124 105 54	159 571	460 5	186 122 132 54	
4	159 690	460 5	181 178 137 44	164 674	465 5	187 176 141 46	π-Miyashira
5	157 336	458 5	185 222 129 56	137 485	438 5	165 222 109 56	
6	154 178	455 5	182 278 126 56	138 650	439 5	165 278 111 54	
7	153 583	454 5	176 334 130 46	94 830	395 5	116 332 72 44	
8	180 718	181 5	207 380 153 54	204 165	505 5	233 376 177 56	
9	119 808	420 5	147 434 91 56	169 695	470 5	198 432 140 58	
10	124 631	425 5	155 490 93 62	198 ~~158~~ 147	499 5	229 490 167 62	
			552			552	
	1502628			1595688		552	
				1502628		1104	
				93060			
BM 4-24							BM 4-24 (L.A.Co. Trav. Sta. WATTS L-2B) Slauson Ave. & Everett Ave. See F.B. 1205-29

76P526B CE # 308 8/68

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier DATE 5-24-71
NOTES BY Mr Idenside TIME 9:50 to 10:40
INDEXED G.J. CARL DATE MAY 27 71
NOTES CHKD R.G.R. DATE 5-3-71
WEATHER Hazy Sun INST. NO. 96716
ROD NO. 95896
F.B. 2829 PG. 175
T-74°

STATION	BACKSIGHT Right Mic.	Left	Stadia	FORESIGHT Right Mic.	Left	Stadia	DESCRIPTION AND REMARKS From BM4-24 To BM4-25
BM4-24			221			157	BM4-24 (Watts L-2B)
1	202 827	503 5	183 38	137 937	438 5	117 40	Slauson Ave. & Everett Ave.
			202			170	See F.B. 1205-29
2	169 176	470 5	136 66	137 563	438 5	104 66	
			258 104			227 106	
3	220 231	521 5	182 76	189 442	490 5	151 76	
			148 180			192 182	
4	124 076	425 5	100 48	167 239	468 5	142 50	R-Miyahira
			162 228			187 232	
5	130 690	431 5	98 64	154 183	455 5	121 66	Re-Run
			182 292			159 298	
6	151 027	452 5	120 62	131 314	432 5	103 56	
			165 354			164 354	
7	132 734	433 5	99 66	132 890	433 5	100 64	
			302 420			185 418	
8	168 087	469 5	134 68	150 061	451 5	115 70	
			203 488			207 488	
9	168 130	469 5	~~206~~ 70	173 320	474 5	139 68	
	~~170~~ ~~151~~	~~471 5~~	~~134~~				
			133 558			556	
						558	
	1469 078			1373 949		1114	
	1373 949						BM4-25 (WATTS K-2A)
BM4-25	95 029						Slauson Ave. & State St.
							See F.B. 1205-30

F.B. 2829 Pg. 176 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

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

76P526B CE # 308 8/68

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. 31-1 TO B.M. 31-2
B.M. 31-1									B.M. 31-1
1	282	937	583 5	282 / 247 70	293	719	594 5	293 / 261 64	ATLANTIC BLVD. & L.A. RIVER. S.W.
									COR. OF BRIDGE
2	101	482	402 5	107 / 95 12 / 82	157	071	458 5	167 / 147 20 / 84	SEE F.B. 1397-6
3	69	827	370 5	99 / 39 60 / 142	251	357	552 5	282 / 220 62 / 146	π = MALDONADO
B.M. 31-2								142 / 288	B.M. 31-2
	454	246			702	147			ATLANTIC BLVD. & L.A. RIVER. N.E.
					454	246			SIDE IN TOWER
					-247	901			SEE F.B. 1397-7
	RERUN 5-24-71 1:30 TO 1:50 T=78° LT. WIND								
B.M. 31-1									
1	269	305	570 5	293 / 245 48	156	704	457 5	180 / 132 48	
2	21	355	322 5	43 / -1 44 / 92	223	818	524 5	244 / 202 42 / 90	
3	80	181	381 5	107 / 53 54 / 146	237	881	538 5	265 / 209 56 / 146	
B.M. 31-2								146 / 292	
	370	84[illegible]			6[illegible]8	403			
					370	841			
					-247	562			

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

SURVEY BY G.E. DREIER

NOTES BY S.I. MANN DATE 5-21-71

INDEXED S.I. SAND DATE 5-27-71

WEATHER OVERCAST T: 64° INST. NO. 96716

TIME 11:00 TO 11:15 ROD NO. 95696

NOTES CHKD R.G.B. DATE 6-3-71

F.B. 2829 PG. 177

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
400 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 MID.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MID.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 31-2									FROM B.M. 31-2 TO B.M. 31-1
1	248	326	549 5	287 215 66	86	560	387 5	119 53 66	B.M. 31-2 ATLANTIC BLVD. & L.A. RIVER N.E SIDE IN TOWER NO. SEE F.B. 1397-7
2	293	361	594 5	293 276 34	77	294	378 5	97 57 40	
3	115	111	416 5	136 94 100 42	245	297	546 5	261 229 106 32	π = MALDONADO
				142				138	
B.M. 31-1	656	798			409	151		142	B.M. 31-1 ATLANTIC BLVD. & L.A. RIVER. S.W. COR. OF BRIDGE SEE F.B. 1397-6
	409	151						280	
	+247	647							
B.M. 31-2			RE RUN 5-24-71				1:10 TO 1:30		T = 78° LT. WIND
1	224	187	525 5	248 200 48	79	308	380 5	103 55 48	
2	240	677	541 5	268 212 56	11	422	312 5	139 211 56	
3	133	187	434 5	154 112 42	259	789	560 5	280 238 104 42	
				146				146	
B.M. 31-								146	
	59	51			350	519		292	
	35	19							
	+2[illegible]	32							

T = 64°

WEATHER HAZY SUN INST. NO. 96716
TIME 11:15 TO 11:35 ROD NO. 95896
NOTES CHKD RGB DATE 6-3-71

F.B. 2829 PG. 178 JOB NO. 0301.02
SURVEY OF L.A. PRECISE LEVEL NET
SURVEY BY DREIER NOTES SIEMANN 5-21-71
INDEXED [illegible] DATE

2829