Res Ck'd by
Job No.
Office Work
Checked
Date

Survey of L.A. Co. PRECISE LEVELNET F. B. 4113 PG. 5
JN 0301.02 Tape Std °F
Surveyed by
Notes Date
Indexed

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F.B. 4113 PG. 7

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

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

NOTES BY DATE 1971 TIME ROD NO 95 & 96

INDEXED S. J. GALLI DATE MAY 21 '71 NOTES CHKD DATE

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

JOB NO 0301.02

L.A.CO. PRECISE LEVEL NET

LINE NO. 11, 1971 RELEVELING

CONTINUED FROM F.B. 4111-250

DREIER
MALDONADO
SIEMANN
MCKNIGHT

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

Do not extend notes this side of this line.

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

76P526B CE # 308 8/68

F.B. 4115 PG. 8 | JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES JAN, FEB. & APRIL, 1971

INDEXED E.J. GALLI DATE

WEATHER INST. NO 9671

TIME ROD NO 9589

NOTES CHKD DATE

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LOS ANGELES COUNTY ENGINEER

409 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SEE F.B. 4111-60, 61, 62, 63 & 64 FOR PART OF ROUTE SKETCH OF LINE 11, 1971 RELEVELING.

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER
603 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER HAZE-LT WIND INST. NO 96716
NOTES BY G.E. DREIER DATE 4-8-71 TIME 2:05 TO 2:25 ROD NO 95496
INDEXED J. GALLI DATE MAY 21 71 NOTES CHKD RCK3 DATE 6-9-71
70°
F.B. 4113 PG. 9

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-125 TO B.M. 11-126A
B.M. 11-125													B.M. 11-125
1	175	810	476	5	209 141	68	157	671	458	5	191 123	68	WORKMAN MILL RD., 0.35 MI. S. OF U.P.R.R.
													SEE F.B. 1376-113
2	181	982	482	5	216 146	70	218	334	519	5	254 182	72	
					175	138					207	140	
3	141	906	442	5	107	68	174	042	475	5	141	66	J. MALDONADO
					176	206					298	206	
4	136	432	437	5	96	80	259	202	560	5	220	78	
						286 ✓						284 ✓	
B.M. 11-126A												284	B.M. 11-126A (F.C.B.M. 99 5 48
	636	130	✓				809	249	✓			570	WORKMAN MILL RD. & SAN JOSE CR.
							636	130					SEE F.B. 2880-50
							-173	119	✓				

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LOS ANGELES COUNTY ENGINEER

493 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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.11-126A TO B.M.11-125
B.M.11-126A									B.M.11-126A
1	187	077	488 5	226 148 78	98	193	299 5	136 60 76	WORKMAN MILL RD. & SAN JOSE CR.
									SEE F.B. 2880-50
2	209	163	510 5	242 176 66	136	182	437 5	170 102 68	
				144				144	
3	222	316	523 5	255 189 66	197	682	498 5	231 163 68	⊼ J. MALDONADO
				210				212	
4	156	398	457 5	192 120 72	169	978	470 5	204 134 70	
				282 ✓				282 ✓	
				~~354~~				282	
	774	954 ✓			602	035 ✓		564 ✓	
B.M.11-125	602	035							B.M.11-125
									WORKMAN MILL RD., 0.35 MI. S. OF U.P.R.R.
	+172	9~~4~~9 2 ✓							SEE F.B. 1376-112

F.B. 4113 PG. 10

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-12-71

INDEXED G.J. GALL DATE

WEATHER HAZE - SUN INST. NO. 96716

TIME 10:00 TO 10:25 ROD NO. 95 & 96

NOTES CHKD RCB DATE 6-9-71

70°

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY S.E. DREIER WEATHER HAZE, LT WIND INST. NO. 96716
NOTES BY G.E. DREIER DATE 4-8-71 TIME 2:25 TO 2:40 ROD NO. 97696
INDEXED E.J. GALLI DATE NOTES CHKD. RCB DATE 6-9-71
F.B. 4113 PG. 11

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-126A TO B.M. 11-126B
B.M. 11-126A													B.M. 11-126A (F.C. B.M. 99 5 48)
1	138	860	439	5	172 104	68	120	933	421	5	154 86	68	WORKMAN MILL RD. & SAN JOSE CR.
													SEE F.B. 2880-50
2	143	020	444	5	176 110	66	137	549	438	5	170 104	66	
						134					154	134	
3	154	912	455	5	170 138	32	138	212	439	5	122	32	↑ J. MALDONADO
						166 ✓						↘166	
B.M. 11-126B												166	B.M. 11-126B
	436792 ✓						396694 ✓					↘332	WORKMAN MILL RD, .01 MI. S OF PECK RD.
	396694												SEE F.B. 2880-51
	+40098 ✓												

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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. 11-126B TO B.M. 11-126A
B.M. 11-126B													B.M. 11-126B
1	127	247	428	5	164 / 90	74	153	624	454	5	189 / 117	72	WORKMAN MILL RD. S. OF PECK RD
													SEE F.B. 2880-51
2	140	592	441	5	184 / 96	88	154	452	455	5	200 / 154	92	
						162 ✓						164 ✓	
												162	⊼ J. MALDONADO
	267	839 ✓					308	076 ✓				326 ✓	
B.M. 11-126A							267	839					B.M. 11-126A (FC - 99 - F - 48)
													WORKMAN MILL RD. & SAN JOSE CR.
							40	237 ✓					

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-12-71

INDEXED J. GALLI DATE

JOB NO. 0301.02

FG. 12

4113

WEATHER HAZE - SUN INST. NO. 96716

TIME 9:45 TO 10:00 ROD NO. 9589

NOTES CHKD RCB DATE 6-9-71

68°

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER HAZE Lt WIND INST. NO 96716
NOTES BY G.E. DREIER DATE 4-8-71 TIME 2:40 TO 3:15 ROD NO 25496
INDEXED J. GALL DATE NOTES CHKD. RGS DATE 6-9-71
F.B. 4113 Pg. 13

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.11-126B TO B.M.11-11-127
B.M.11-126B									B.M.11-126B
1	288	859	589	5 / 288 / 257 / 62	147	943	448	5 / 180 / 114 / 66	WORKMAN MILL RD. S. OF PECK RD, SEE F.B. 2880-51
2	260	186	561	5 / 292 / 228 / 64	62	621	363	5 / 90 / 34 / 56	
				126				122	
3	191	484	492	5 / 226 / 156 / 70	179	485	480	5 / 215 / 143 / 72	T. J. MALDONADO
				196				194	
4	112	678	413	5 / 139 / 85 / 54	198	252	499	5 / 225 / 171 / 54	
				250				248	
5	86	380	387	5 / 120 / 52 / 68	214	082	515	5 / 247 / 181 / 66	
				318				314	
6	142	973	443	5 / 177 / 107 / 70	220	904	521	5 / 257 / 183 / 74	
				388				388	
7	78	933	379	5 / 101 / 55 / 46	260	053	561	5 / 284 / 236 / 48	
				434	✓			436 ✓	
								434	B.M.11-127
B.M.11-127	1161	493 ✓			1283	340 ✓		870	WORKMAN MILL RD. & MISSION MILL RD, SEE F.B. 1376-114
					1161	493			
					121	847 ✓			

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F.B. 4113 PG. 14 JOB NO 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 4-12-71
INDEXED C.J. GALT DATE
WEATHER HAZE - SUN 66° INST. NO 26716
TIME 9:15 TO 9: ROD NO 95 & 94
NOTES CHKD RCM DATE 6-9-71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-127 TO BM 11-126B
				293				83	B.M. 11-127
1	265	862	566 5	237 56	55	900	356 5	27 56	WORKMAN MILL RD. & MISSION MILL
									SEE F.B. 1376-114
2	200	303	501 5	236 164 72	131	619	432 5	166 96 70	
				265 128				119 126	
3	225	791	526 5	185 80	77	438	378 5	35 84	⊼ J. MALDONADO
				238 208				163 210	
4	204	210	505 5	170 68	130	837	431 5	97 66	
				173 276				226 276	
5	143	153	444 5	113 60	196	851	497 5	166 60	
				112 336				300 336	
6	76	699	377 5	40 72	265	213	566 5	230 70	
				116 408				255 406	
7	101	603	402 5	86 30	238	201	539 5	221 34	
				438	✓			440 ✓	
								438	
	1217	621 ✓			1096	058 ✓		878 ✓	
B.M. 11-126B	1096	058							B.M. 11-126B
									WORKMAN MILL RD. S. OF PECK RD.
	121	562 ✓							SEE F.B. 2880-51

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 72°
SURVEY BY G.E. DREIER WEATHER HAZE INST. NO 26716
NOTES BY G.E. DREIER DATE 4-22-71 TIME 2:15 TO 3:50 ROD NO. 35876
INDEXED J. GALLI DATE NOTES CHKD RDR DATE 6-9-71
F.B. 4113 PG. 15

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									RERUN FROM B.M.11-127 TO B.M.11-126B
B.M.11-127									B.M.11-127
1	262	305	563 5	292 / 232 60	37	498	338 5	67 / 7 60	WORKMAN MILL RD. & MISSION MILL RD.
								156 / 84 72	SEE F.B. 1376-114
2	183	976	484 5	218 / 148 70	120	367	421 5	132	
				130				130 / 76 54	RERUN
3	200	405	501 5	227 / 173 54	103	784	404 5	184	J. MALDONADO
				184				148 / 84 64	186
4	216	381	517 5	249 / 183 66	116	963	447 5	250	
				250				211 / 139 72	
5	160	943	461 5	195 / 125 70	175	597	476 5	322	
				320				248 / 186 62	
6	83	700	384 5	113 / 53 60	217	487	518 5	384	
				380				289 / 237 52	
7	49	341	350 5	77 / 21 56	263	723	564 5	436 ✓	✓
				436 ✓				436	B.M.11-126B
B.M.11-126B								872	WORKMAN MILL RD, S. OF PECK RD.
	1157051 ✓				1035419 ✓				SEE F.B. 2880-51
	1035419								
	+121632 ✓								

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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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 11-127 TO BM 11-127A
BM 11-127				195				235	BM 11-127
1	167	768	468 5	139 56	207	743	508 5	179 56	Workman Mill Rd. & Mission Mill Rd.
				117				283	See 1376-114
2	84	687	385 5	51 66	249	458	550 5	215 68	
				159 122				200 124	
3	122	677	423 5	85 74	165	160	466 5	130 70	
				175 196				183 194	π-Moore
4	140	506	441 5	105 70	150	962	451 5	117 66	
				171 266				176 260	
5	156	588	457 5	141 30	158	645	459 5	140 36	
				296 ✓				296 ✓	
								296	
	672	226 ✓			931	968 ✓		592 ✓	
					672	226			BM 11-127A (Bt. Spk. in Ld.)
BM 11-127A									Workman Mill Rd., 0.16 mi.
				—	259	742 ✓			S.W'ly of Rose Hills Rd.
									See F.B. 2880-53

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 4-9-71

INDEXED [illegible] GALL DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 8:30 to 9:00 ROD NO. 95496

NOTES CHKD RCB DATE 6-9-71

T. 62°

F.B. 4113 PG. 17

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO 9676
ROD NO 9582
DATE 6-9-71
NOTES CHKD RCB
WEATHER HAZE - SUN 65°
TIME 9:00 TO 9:15
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER 4-12-71
INDEXED G.J. GALLI DATE
JOB NO 0301.02

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM.11-127A TO BM.11-127
BM.11-127A				183				168	BM.11-127A
1	148	199	449 5	113 70	131	210	432 5	94 74	WORKMAN MILL RD. S. OF STARCA AV
				192				181	SEE F.B. 2880-53
2	152	180	453 5	112 80	142	728	443 5	103 78	
				228 150	728			142 152	
3	186	715	487 5	144 84	99	220	400 5	56 86	TR. SIEMANN
				234 234				88 238	
4	208	290	509 5	182 52	62	669	363 5	36 52	
				286	✓			290 ✓	
5								286	
	695	384 ✓			435	827 ✓		574	BM.11-127
	435	827				8			WORKMAN MILL RD. & MISSION MILL RD
									SEE F.B. 1376-114
	+259	557 ✓							

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 4-9-71

INDEXED L. J. GALLI DATE

WEATHER Hazy Sun INST. NO 96716

TIME 9:00 to 9:50 ROD NO. 95E96

NOTES CHKD. RCB DATE 6-9-71

T-74°

F.B. 4113 PG. 19

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 11-127A TO BM 11-128
BM 11-127A					186						103		BM 11-127 (Bt. SPK. in Ld.)
1	160	167	461	5	134	52	77	621	378	5	51	52	Workman Mill Rd., 0.16 mi.
					140						261		S. W'ly of Rose Hills Rd. @ Hwy.
2	109	738	410	5	78	62	231	016	532	5	201	60	Sta. 106+30
					167	114					130	112	See F.B. 2880-53
3	135	984	436	5	103	64	99	647	400	5	68	62	
					236	178					145	174	
4	208	526	509	5	180	56	115	340	416	5	85	60	π-Moore
					303	234					67	234	
5	274	674	575	5	245	58	38	581	339	5	09	58	
					306	292	67				80	292	
6	293	504	594	5	280	26	~~68~~	850	368	5	54	26	
					257	318					96	318	
7	242	605	543	5	227	30	81	218	382	5	66	30	
					261	348					156	348	
8	245	698	546		229	32	140	672	441	5	124	32	
						380 ✓						380 ✓	
												380	BM 11-128
	1670	896 ✓					851	945 ✓				760	Workman Mill Rd. & Pioneer Blvd.
BM 11-128	851	945											See F.B. 1376-115
	+818	951 ✓											

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.11-128 TO B.M.11-127A
B.M.11-128									B.M.11-128
1	89	840	390 5	114 64 50	284	231	385 5	307 261 46	WORKMAN MILL RD. & PIONEER BLV.
									SEE F.B. 1376115
2	5	799	306 5	31 ½ 5 52	289	869	590 5	289 ½ 264 50	
								96	
3	4	858	305 5	25 ½ 4 102 42	242	845	543 5	266 218 48	⊼ R. SIEMANN
								144	
4	84	888	385 5	134 34 100	164	001	465 5	214 114 100	
								244	
5	119	428	420 5	157 81 76	158	638	459 5	196 120 76	
								320	
6	245	000	546 5	277 213 64	229	513	530 5	261 197 64	
				384 ✓				384 ✓	
B.M.11-127A								384	B.M.11-127A
	549	813 ✓			1369	096 ✓		768	WORKMAN MILL RD. & S. OF STARCH
					549	813			SEE F.B. 2880-53
					819	284 ✓			

60°

WEATHER HAZE INST. NO. 96776

TIME 8:20 TO 9:00 ROD NO. 95[illegible]

NOTES CHKD RCB DATE 6-9-71

JOB NO. 0301.02

SURVEY OF LA. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-12-71

INDEXED J. GALLO DATE

4113 PG. 20

76P526B CE # 308 8/68

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403 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 68° F.B. 4113 PG. 21
SURVEY BY G.E. DREIER WEATHER CLEAR
NOTES BY G.E. DREIER DATE 4-22-71 TIME 1:35 INST. NO 86716
INDEXED L. GALLI DATE NOTES CHKD ROCK DATE 6-9-71 ROD NO 35496

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-127A TO B.M. 11-128
B.M. 11-125A				234				190	B.M. 11-127A
1	198 722	499	5	162 72	154 320	455	5	118 72	WORKMAN MILL RD. & STARCA AVE
									SEE F.B. 2880-53
2	89 300	390	5	122 56 66	186 840	487	5	219 153 66	
				138				138	
3	216 788	517	5	249 183 66	110 112	411	5	142 78 64	RERUN
				204				88 202	T R. SIEMANN
4	216 552	517	5	246 186 60	58 968	359	5	28 60	
				264				45 262	
5	288 270	589	5	307 269 38	24 679	325	5	3 42	
				302				304	
6	275 471	576	5	296 254 42	36 075	337	5	56 16 40	
				344				344	
7	242 552	543	5	257 227 30	137 302	438	5	153 121 32	
				374 ✓				376 ✓	
								374	B.M. 11-128
B.M. 11-128								✓ 70	WORKMAN MILL RD. & PIONEER BLVD.
	1527 655 ✓				708 296 ✓				SEE F.B. 1376-115
	708 296								
	819 359 ✓								

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 4-9-71

INDEXED G.J. GALLI DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 9:50 to 11:15 ROD NO. 95896

NOTES CHKD RCB DATE 6-9-71

T-78°

F.B. 4113 PG. 23

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-128 TO BM 11-129A C
BM 11-128									BM 11-128
1	291	320	592 5	291 1/2 / 261 1/2 60	32	681	333 5	62 / 2 60	Workman Mill Rd & Pioneer Blvd
									See F.B. 1376-115
2	299	856	600 5	299 1/2 / 277 1/2 44	13	124	314 5	32 / 13 1/2 38	
				298 1/2 104				19 1/2 98	
3	298	293	699 5	285 1/2 26	6	277	307 5	6 1/2 26	⊼ - Moore
				277 130				37 124	
4	267	034	568 5	257 20	24	916	325 5	11 26	
				298 1/2 150				24 1/2 150	
5	298	592	599 5	284 1/2 28	11	916	312 5	11 1/2 26	
				297 178				59 176	
6	284	972	585 5	271 26	47	390	348 5	35 24	
				270 204				139 200	
7	251	703	552 5	232 38	117	725	418 5	95 44	
				155 242				214 244	
8	137	626	438 5	119 36	197	710	498 5	180 34	
				135 278				215 278	
9	111	158	412 5	87 48	192	482	493 5	169 46	
				120 326				236 324	
10	97	342	398 5	74 46	214	057	515 5	192 44	
				121 372				221 368	
11	100	579	401 5	79 42	197	850	498 5	173 48	
				165 414				185 416	
12	145	422	446 5	125 40	166	957	467 5	147 38	
				163 454				166 454	
	142	032	443 5	121 42	145	101	446 5	124 42	
				496				496	
	2725	929			1368	186			

(cont.)

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403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

WEATHER Sunny Haze INST. NO 962
TIME 9:30 to 11:15 ROD NO 5554
NOTES CHKD RCB DATE 6-9-71

SURVEY OF L.A. Co. Precise Level Net JOB NO 0301.02
SURVEY BY Dreier NOTES Maldonado 4-9-71
INDEXED C. I. GALE DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 11-128 TO BM 11-129C
	2725	929				496	1368	182				496	BM
					115						287		
13	99	402	400	5	83	32	271	934	572	5	255	32	
					31	528					295	528	
14	15	872	316	5	15	32	295	614	596	5	283	24	
						560						552	
					107	64					250		
15	103	415	404	5	99	8	242	395	543	5	234	16	
						568 ✓						568	
												568	
	2944	618 ✓					2178	129 ✓				1136 ✓	
	2178	129											
	+766	489 ✓											
BM 11-129C													BM 11-129C Workman Mill Rd. & Beverly Blvd. N.W. Cor. See F.B. 3711-52

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-76
SURVEY BY G. E. DREIER WEATHER HAZY SUN INST. NO. 96716
NOTES BY MOORE DATE 4-9-71 TIME 2:25 TO 3:25 ROD NO. 95 & 96
INDEXED G. GALLI DATE NOTES CHKD. RCKG DATE 6-9-71
F.B. 4113 PG. 25

STATION	BACKSIGHT RIGHT	MIC.	LEFT	MIC.	STADIA	FORESIGHT RIGHT	MIC.	LEFT	MIC.	STADIA	DESCRIPTION AND REMARKS
											FROM RM 11-129C TO RM 11-128
RM 11-129C											RM 11-129C
1	285	075	586	5	297 273 24	14	650	315	5	26 2 24	WORKMAN MILL RD & REVERLY BLVD. N.W. COR
2	279	853	580	5	291 267 24	65	233	366	5	58 52 26	SEE F.B. 3711-52
					48					50	
3	247	085	548	5	268 226 42	121	246	422	5	144 98 46	
					90					96	
4	178	838	479	5	211 145 66	150	123	451	5	184 116 68	
					156					164	
5	222	998	523	5	253 191 62	66	286	367	5	93 38 54	
					218					218	
6	229	835	530	5	259 199 60	128	282	429	5	159 97 62	T-G.E. DREIER
					278					280	
7	229	811	530	5	264 194 70	209	932	510	5	244 174 70	
					348					350	
8	34	517	335	5	53 15 38	293	955	594	5	½ 293 275 36	
					386					386	
9	5	280	306	5	½ 18 5 26	298	013	599	5	½ 298 285 26	
					412					412	
10	18	624	319	5	31 5 26	292	245	593	5	304 280 24	
					438					436	
11	4	003	305	5	½ 18 4 28	298	358	599	5	½ 298 285 26	
	~~8~~	~~672~~	~~309~~	~~5~~	~~½ 27 8 38~~	~~301~~	~~820~~	~~602~~	~~5~~	~~½ 301 261~~ 462 40	
12					504					502	
13	29	661	330	5	61 5 64	301	233	602	5	½ 301 269 66 ✓	
					568 ✓					568	BM 11-128
	1774 ~~252~~ ✓					2541 ~~1774 252~~	376 ✓			568 ✓ 1136	WORKMAN MILL RD. & PIONEER BLVD
						767	124 ✓				SEE F.B. ~~3711~~ 1376-115

76P526B CE # 308 8/68

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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 T-64°
SURVEY BY G.E. Dreier WEATHER Sunny & Breezy INST. NO. 96716
NOTES BY Maldonado DATE 4-21-71 TIME 1:25 to 2:40 ROD NO. 95896
INDEXED G.J. GALLI DATE NOTES CHKD RCB DATE 6-9-71
F.B. 4113 PG. 27

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-128 TO BM 11-129C
BM 11-128	778	65		278				66	BM 11-128
1	253	035	554 5	228 50	41	193	342 5	16 50	Workman Mill Rd. & Pioneer
				281				46	Blvd.
2	260	900	561 5	239 42	25	516	326 5	4 42	See F.B. 1376-115
				297 92				24 92	
3	297	362	598 5	284½ 26	11	402	312 5	-2 26	
				301 118				46 118	
4	301	696	602 5	288½ 26	33	087	334 5	20 26	π-Dreier
				307 144				46 144	
5	295	461	596 5	283 24	34	550	335 5	22 24	Re-Run
				299 168				43 168	
6	299	935	600 5	285½ 28	29	670	330 5	15 28	
				301 196		979		131 196	
7	301	951	602 5	272½ 58	103	94	404 5	75 56	
				133 254				235 252	
8	105	410	406 5	77 56	206	278	507 5	177 58	+ 2597.293
				110 310				292 310	- 1830.699
9	73	738	374 5	36 74	255	302	556 5	218 74	+766.594 ✓
				134 384				218 384	
10	98	082	399 5	62 72	182	556	483 5	146 72	
				172 456				211 456	
11	146	918	447 5	120 52	185	140	486 5	159 52	
				55 508				283 508	
12	38	788	339 5	21 34	266	850	567 5	249 34	
				53 542				258 542	BM 11-129C
13	45	350	346 5	37 16	250	881	551 5	242 16	Workman Mill Rd. & Beverly
				84 558				210 558	
14	78	667	379 5	72 12	204	295	505 5	198 12	Blvd.
				570 ✓				570	
	2597	293 ✓			1830	699 ✓		570	
								1140 ✓	

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-129C TO BM 11-128
BM 11-129C				296				22	BM 11-129C
1	284	748	585 5	272 24	10	878	311 5	-2 24	Workman Mill Rd & Beverly
				264				42	Blvd. N.W. Cor.
2	254	582	555 5	244 20	31	403	332 5	20 22	See F.B. 3711-52
				278 44				147 46	
3	243	567	544 5	208 70	114	192	415 5	81 66	
				217 114				150 112	
4	181	682	482 5	145 72	114	892	415 5	78 72	
				186				106 184	T-Dreier
5	265	947	566 5	298 232 66	73	255	374 5	40 66	
				251 252				173 250	Re-Run
6	211	516	512 5	171 80	131	077	432 5	89 84	
				112 332				298 334	
7	93	018	394 5	74 38	298	410	599 5	279½ 38	
				46				296½ 372	
8	33	768	334 5	20 370 26	296	510	597 5	283½ 26	
				22½ 396				300½ 398	
9	9	565	310 5	9½ 26	300	230	601 5	286½ 28	
				16 422				305 426	
10	4	118	305 5	4½ 24	294	595	595 5	283 22	
				35 446				282 448	
11	23	223	324 5	11 24	270	962	571 5	258 24	
				33 470				267 472	
12	15	887	316 5	-3 36	250	934	551 5	233 34	
				73 506				276 506	
13	45	726	346 5	17 56	247	080	548 5	218 58	
				562 ✓				564 ✓	
								562	BM 11-128
	1667	347 ✓			2434	418 ✓			Workman Mill Rd. & Pioneer
					1667	347		1126	Rd.
BM 11-128					667	071 ✓			See F.B. 1376-115

T-64

WEATHER Sunny & Breezy INST. NO. 967

TIME 2:40 to 3:30 ROD NO. 9529

NOTES CHKD RCB DATE 6-9-71

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-21-71

INDEXED J. GAINO DATE

4113 Fo. 28

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 66°
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO 26716
NOTES BY G.E. DREIER DATE 4-22-71 TIME 10:00 TO 10:50 ROD NO 35496
INDEXED J. GALLI DATE NOTES CHKD RCB DATE 6-9-71
F.B. 4113 PG. 29

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		2nd RERUN DESCRIPTION AND REMARKS
													FROM B.M. 11-128 TO B.M. 11-129C
B.M. 11-128													B.M. 11-128
1	275	239	576	5	301 / 249	52	61	748	362	5	88 / 34	54	WORKMAN MILL RD. & PIONEER BLVD.
													SEE F.B. 1376-115
2	241	499	542	5	258 / 224	34	45	160	346	5	61 / 29	32	
						86					71	86	
3	263	137	564	5	273 / 253	20	61	081	362	5	51	20	
					287	106					39	106	2nd. RERUN
4	275	158	576	5	263	24	27	585	328	5	15	24	T R. SIEMAN
						130					35	130	
5	300	178	601	5	½ 300 / 288	24	22	381	323	5	9	26	
					½ 295	154					41	156	
6	295	060	596	5	½ 282	26	29	318	330	5	17	24	
					293	180					72	180	
7	280	221	581	5	267	26	60	758	361	5	48	24	
					290	206					208	204	
8	260	002	561	5	230	60	177	750	478	6	146	62	
						266					246	266	
9	102	231	403	5	132 / 72	60	215	682	516	5	184	62	+ 2810.304
10	~~84~~	~~391~~	~~385~~	~~5~~	~~164 / 54~~	~~60~~ 326	~~237~~	~~373~~	~~538~~	~~5~~	266 / 208	328 / 58	- 2043.227
					348	386					275	386	
11	107	040	408	5	137 / 77	60	179	303	480	5	143	72	+ 767.077 ✓
					167	446					192	458	
12	~~137~~	~~249~~	~~438~~	~~5~~	~~107~~	~~60~~ 506	~~169~~	~~335~~	~~470~~	~~5~~	146	36	
13	51	530	352	5	71 / 31	40	269	931	570	5	284 / 254	614 / 30	
					53	544					291	544	
14	~~43~~	~~009~~	~~344~~	~~5~~	~~33~~	~~20~~ 566	281	161	582	5	271	29 564	B.M. 11-129C BEVERLY BLVD.
15	94	360	345	5	98 / 98	8	104	661	505	5	209 / 199	10	WORKMAN MILL RD. & ~~STANLEY AVE.~~
	2810	304	✓			✓ 574	2043	227	✓			574 / 574	SEE F.B. 3711-52
												✓ 1148	

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INST. NO 9671
ROD NO 958
DATE 6-9-71
NOTES CHKD ROB
TIME 10:50 TO
WEATHER CLEAR 66°
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY DREIER NOTES GE DREIER 4-22-71
INDEXED C.J. GALLI DATE
JOB NO 030102
712 30

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	2nd RERUN DESCRIPTION AND REMARKS
									FROM BM.11-129C TO BM.11-128
BM.11-129C				286				46	BM.11-129C
1	277	780	578 5	268 18	35	569	336 5	24 22	WORKMAN MILL RD. & BEVERLY BLV
2	291	702	592 5	306 30 / 276 48	12	979	313 5	½ 27 30 / ½ 12 52	SEE F.B. 3711-52
3	216	810	517 5	249 / 184 65	109	714	410 5	142 / 76 66	
4	153	502	454 5	185 113 / 121 64	82	272	383 5	111 / 53 58	2nd. RERUN
5	206	499	507 5	232 177 / 180 52	85	621	386 5	112 / 58 54	T R. SIEMANN
				229					230
6	211	288	512 5	242 / 180 62	60	388	361 5	93 / 27 66	
7	151	533	452 5	181 291 / 121 60	268	978	569 5	299 / 237 296 62	
8	14	849	315 5	33 351 / ½ 14 38	297	180	598 5	½ 297 / ½ 282 358 30	
				389					388
9	12	090	313 5	24 / 0 24	295	378	596 5	295 / ½ 281 28	
				413					416
10	14	849	315 5	26 / 2 24	283	230	584 5	293 / 273 20	
				437					436
11	34	640	335 5	47 / 21 26	295	698	596 5	308 / 282 26	
				463					462
12	18	071	319 5	33 / 3 30	290	140	591 5	306 / 274 32	
				493					494
13	34	201	335 5	68 / 0 68	288	109	589 5	½ 287 / ½ 254 68	
				561					562
									561
	1637	814			2404	656			1123
BM.11-128					1637	814			BM.11-128 BLVD.
					766	842			WORKMAN MILL RD. & PIONEER
									SEE F.B. 1376-115

76P526B CE # 308 8/68

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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 11-129C TO BM 11-130A
B.M. 11-129C									BM 11-129C
1	12	513	313 5	28 / 212 32	297	690	598 5	297 / 2281 32	WORKMAN MILL RD. & BEVERLY
									BLVD. N.W. COR.
2	12	861	313 5	26 / 212 28	294	361	595 5	294 / 2278 32	SEE F.B. 3711-52
				60				64	
3	19	673	320 5	35 / 3 32	248	252	549 5	264 / 232 32	
				92				96	
4	33	298	334 5	51 / 15 36	243	967	544 5	259 / 227 32	⊼ J. MALDONADO
				128				128	
5	30	965	331 5	49 / 11 38	262	689	563 5	281 / 243 38	
				166				166	
6	22	674	323 5	44 / 0 44	261	902	562 5	282 / 240 42	
				210				208	
7	27	422	328 5	49 / 5 44	289	825	590 5	289 / 267 44	
				254				252	
8	52	083	353 5	73 / 31 42	288	087	589 5	306 / 270 36	
				296				288	
9	17	047	318 5	30 / 4 26	273	332	574 5	290 / 256 34	
				322				322	
10	85	449	386 5	100 / 70 30	166	993	467 5	180 / 152 28	
				352 ✓				350 ✓	
								352	
	313	985 ✓			2627	098 ✓		702 ✓	
BM 11-130A					313	985			BM 11-130A
									NORWALK BLVD. & EL RANCHO DR.
					-2313	113 ✓			TO WEST. N.W. COR.
									SEE F.B. 3711-53

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-78°
SURVEY BY G.E. DREIER
NOTES BY R. MOORE DATE 4-9-71
INDEXED B. I. GALLI DATE
WEATHER HAZY SUN INST. NO. 96716
TIME 11:20 TO 12:05 ROD NO. 95 & 96
NOTES CHKD. RCB DATE 6-9-71
F.B. 4113 PG. 31

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

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 11-130A TO BM11-129C
BM11-130A					248						59		B.M. 11-130A
1	225	127	526	5	202	46	36	533	337	5	13	46	NORWALK BLVD. & EL RANCHO DR
													TO WEST. N.W. COR.
2	301	638	602	5	1/2 301 286	30	37	095	338	5	52 22	30	SEE F.B. 3711-53
						76						76	
3	293	667	594	5	1/2 293 270	46	40	682	341	5	63 17	46	
						122						122	
4	301	263	602	5	1/2 301 276	50	21	613	322	5	1/2 46 21	50	
						172						172	
5	300	632	601	5	1/2 300 275	50	6	822	307	5	1/2 31 6	50	π - G.E. DREIER
						222						222	
6	300	362	601	5	1/2 300 276	48	9	027	310	5	1/2 33 9	48	
						270						270	
7	301	857	602	5	1/2 301 282	38	4	895	305	5	1/2 21 4	34	
						308						304	
8	297	970	598	5	1/2 297 282	30	5	550	306	5	1/2 22 5	34	
						338						338	
9	253	173	554	5	271 235	36	100	367	401	5	118 82	36	
						374 ✓						374 ✓	
												374	
B.M. 11-129C	2575	689 ✓					262	584 ✓				748	BM 11-129C
	262	584											WORKMAN MILL RD. & BEVERLY
													BLVD. N.W. COR.
	+ 2313	105 ✓											SEE F.B. 3711-52

T=78

WEATHER HAZY SUN INST. NO 96716

TIME 1:40 TO 2:25 ROD NO 95991

NOTES CHKD RCB DATE 6-9-71

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES MOORE 4-9-71

INDEXED O. J. GALLI DATE

4113 32

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 63°
SURVEY BY G.E. DREIER WEATHER CLOUDY
NOTES BY G.E. DREIER DATE 4-26-71 TIME 3:25 TO 3:45 INST. NO 26716
INDEXED L.J. GALLI DATE NOTES CHKD. RCB DATE 6-9-71 ROD NO 25 #96
F.B. 4413 PG. 33

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.11-130A TO B.M.1-16
M.11-130A									B.M.11-130A
1	50	290	351	5	259	011	560	5	NORWALK BLVD. & EL RANCHO DR.
									SEE F.B. 3711-53
2	61	181	362	5	284	902	584	5	
3	36	279	337	5	227	052	528	5	↑ J. MALDONADO
4	106	759	407	5	202	363	503	5	
5	140	468	441	5	210	673	511	5	
					✓				
	394	977	✓		183	001	✓		
M.1-16					394	977			B.M.1-16
									WHITTIER BLVD. & NORWALK BLVD.
					788	024	✓		SEE F.B. 1202-21

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 1-16 TO B.M. 11-130A
B.M. 1-16													B.M. 1-16
1	231	199	532	5	269 193	76	122	702	423	5	160 84	76	WHITTIER BLVD. & NORWALK BLV
													SEE F.B. 1202-21
2	206	333	507	5	240 172	68	60	334	361	5	93 27	66	
						144						142	
3	277	682	578	5	277 241	72	26	659	327	5	162 26	72	⊼ J. MALDONADO
						216						214	
4	260	373	561	5	291 229	62	31	650	332	5	63 -1	64	
						278						278	
5	197	589	498	5	208 186	22	143	771	444	5	155 131	24	
						300 ✓						302 ✓	
B.M. 11-130A												300	B.M. 11-130A
	1173	176 ✓					385	116 ✓				602	NORWALK BLVD. & EL RANCHO DR
	385	116											SEE F.B. 3711-53
	+788	060 ✓											

63°

WEATHER CLOUDY INST. NO 9676

TIME 3:05 TO 3:25 ROD NO 9589

NOTES CHKD RCB DATE 6-9-71

4113 PG. 34 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-26-71

INDEXED [illegible] DATE

Notes Ck'd by	Survey of LA CO. PRECISE LEVEL NET F. B. 4113 PG. 39
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes Date APRIL 1971
Date	Indexed J. GALL MAY 21 '71

JOB NO. 0301.02

L.A. CO. PRECISE LEVEL NET

PORTION OF LINE NO. 2, 1971 RELEVELING

DESCRIPTION REFERENCES

F.B. 1203

F.B. 2856

F.B. 3708

DREIER

MALDONADO

SIEMANN

McKNIGHT

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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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F.B. 4113 PG 40

ROUTE SKETCH, PART OF LINE 2

CONT. BOTTOM, F.B. 4111 PAGE 164

APRIL 1971 RELEVELING.

B.M. 1-16
F.B. 1202-21

ROSEHEDGE DR.

WHITTIER BLVD.

B.M. 2-16
F.B. 2856-11

SARATOSA ST.

B.M. 2-15
F.B. 1203-22

WASHINGTON BLVD

B.M. 2-14A
F.B. 2856-9

SLAUSON AVE.

B.M. 2-13D
F.B. 3708-39

S.P.R.R.

B.M. 2-13C
F.B. 3708-37

B.M. 2-12A
F.B. 3708-35

SMITH AVE.

BELL RANCH RD (PVT.)

NORWALK BLVD.

TELEGRAPH RD

B.M. 2-11B
F.B. 3708-34

(LINE 4)

B.M. 2-10A
F.B. 3708-31

LAKELAND RD

(END FOR NOW)

STATE HOSP. ENTRANCE.

B.M. 2-9A

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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 — F.B. 4113 Pg. 41
SURVEY BY G.E. DREIER DATE 4-27-71 TIME 8:15 WEATHER CLEAR INST. No 96716
NOTES BY G.E. DREIER DATE 4-27-71 TIME 8:15 ROD No 95 & 94
INDEXED R.J. GALL DATE NOTES CHKD DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA		RIGHT	MIC.	LEFT	STADIA		FROM ____ TO ____
			DETERMINATION OF "C"								
			NEAR ROD					FAR ROD			
1	146	408	4475	148 144	4	102	229	4035	129 75	54	54M- 4M= 50M=0.20 mm
2	154	173	4555	156 152	4	198	342	4995	225 171	54	54M- 4M= 50M=0.20 mm
	300	581			8	300	571			108	
	300	531					0.40 mm				
	+	050 mm				-0.	mm			- 8	Curvature Corr.=0.40 mm
						300	531			100	
						-					
	+ 0.005			mm= "C"							
100	10.50										
									mm= "C"		
						1					

76P526B CE # 308 8-59

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700 Los Angeles County Engineering Bldg.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 60° F.B. 4113 PG. 43
SURVEY BY G.E. DREIER DATE 4-28-71 WEATHER OVERCAST INST. NO. 8216
NOTES BY G.E. DREIER TIME 8:20 ROD NOS. 25 & 26
INDEXED C.J. GATTI DATE NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
			NEAR ROD				FAR ROD		
1	161	231	462	5 163 / 159 4	159	632	460	5 186 / 132 54	54M- 4 M= 50 M=0.20 mm
2	160	570	461	5 162 / 158 4	162	131	463	5 189 / 135 54	54 M- 4 M= 50 M=0.20 mm
	321	801		8	321	763		108	
	321	723				0.40 mm			
	+	078			-0.	mm		+8	Curvature Corr.=0.40 mm
					321	723		108	
		+ 0.008		mm= "C"					
		10.78							
								mm= "C"	

76P526B CE # 308 8/68

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.1-16 TO B.M.2-16
									B.M.1-16
1	136	497	437 5	171 101 70	183	863	484 5	218 148 70	WHITTIER BLVD. & NORWALK BLVD.
									SEE F.B. 1202-21
2	131	574	432 5	161 101 60	231	216	532 5	261 201 60	
				130				130	
3	110	166	411 5	147 73 74	146	602	447 5	182 110 72	⊼ J. MALDONADO
				204				202	
4	135	989	436 5	171 99 72	162	840	463 5	198 126 72	
				276				274	
5	139	785	440 5	174 104 70	167	631	468 5	201 133 68	
				346				342	
6	139	752	440 5	175 103 72	166	853	467 5	201 131 70	
				418				412	
7	152	210	453	155 149 6	168	100	469 5	175 161 14	
				424 ✓				426 ✓	
B.M.2-16								424	B.M. 2-16
	945	973 ✓			1227	105 ✓		850 ✓	NORWALK BLVD. & ROSEHEDGE DR
					945	973			SEE F.B. 2856-11
					-281	132 ✓			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 61°
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO 96716
NOTES BY G.E. DREIER DATE 4-27-71 TIME 8:25 TO 8:55 ROD NO 95896
INDEXED B.L. GALL DATE NOTES CHKD RCB DATE 6-15-71

F.B. 4113 PG. 45

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WEATHER OVERCAST 59° INST. NO 96716
TIME 11:25 TO 10:50 ROD NO 95 & 96
NOTES CHKD RCB DATE 6-15-71

SURVEY OF L.A.Co. PRECISE LEVEL NET JOB NO 030102
SURVEY BY DREIER NOTES G.E. DREIER 4-28-71
INDEXED G. J. GALLI DATE

PG. 46 4115

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 2-16 TO B.M. 1-16
B.M. 2-16	✓				196						182		B.M. 2-16
1	163	774	464	5	130	66	150	201	451	5	118	64	NORWALK BLVD. & ROSEHEDGE DR
					206						171		SEE F.B. 2856-11
2	163	459	464	5	120	86	128	002	429	5	85	86	
						152						150	
3	175	680	476	5	220 130	90	139	707	440	5	183 95	88	T J. MALDONADO
					233	242					126	238	
4	186	369	487	5	139	94	79	745	380	5	32	94	
					256	336					169	332	
5	211	949	512	5	164	92	121	587	422	5	73	96	
						428 ✓						428 ✓	
												428	
	900	331 ✓					619	242 ✓				856 ✓	
B.M. 1-16	619	242											B.M. 1-16
													WHITTIER BLVD. & NORWALK BLVD.
	+281	089 ✓											SEE F.B. 1202-21

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — F.B. 4113 PG. 47

SURVEY BY G.E. DREIER — WEATHER CLEAR 61°

NOTES BY G.E. DREIER — DATE 4-27-71 — TIME 8:55 TO 9:25 — INST. NO 26716

INDEXED — DATE — NOTES CHKD. RLG — DATE 6-15-71 — ROD NO 25 & 26

C. J. GATTI

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 2-16 TO B.M. 2-15
B.M. 2-16													B.M. 2-16
1	130	388	431	5	166 / 94	72	152	951	453	5	187 / 117	70	NORWALK BLVD. & ROSEHEDGE DR.
													SEE F.B. 2856-11
2	155	450	456	5	190 / 120	70	198	213	499	5	198 / 164	68	
						142						138	
3	131	429	432	5	168 / 94	74	163	901	464	5	202 / 124	78	J. MALDONADO
						216						216	
4	139	461	440	5	199 / 101	76	152	871	453	5	191 / 113	78	
						292						294	
5	137	530	438	5	174 / 100	74	149	331	450	5	184 / 114	70	
						366						364	
6	147	829	448	5	176 / 118	58	158	230	459	5	188 / 128	60	
						424						424	
7	157	579	458	5	173 / 141	32	207	830	508	5	223 / 191	32	
						456 ✓						456 ✓	
B.M. 2-15												456	B.M. 2-15
	999	666 ✓					1183	327 ✓				912	NORWALK BLVD & SARAGOSA ST.
							999	666 ✓					SEE F.B. 1203-22
							183	661 ✓					

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WEATHER OVERCAST 60° INST. NO 96716

TIME 10:00 TO 10:25 ROD NO 95 & 94

NOTES CHKD RUG DATE 6-15-71

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

SURVEY BY DREIER NOTES G.E. DREIER 4-28-71

INDEXED C.J. GALLI DATE

F.B. 4113 PG. 48

STATION	BACKSIGHT RIGHT	BACKSIGHT MID.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MID.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 2-15 TO B.M. 2-16
B.M. 2-15					245						184		B.M. 2-15
1	203	048	504	5	161	84	142	900	443	5	100	84	NORWALK BLVD. & SARAGOSA ST
													SEE F.B. 1203-22
2	161	179	462	5	197 / 125	72	139	462	440	5	177 / 101	76	
						156						160	
3	156	392	457	5	196 / 116	80	141	411	442	5	180 / 102	78	
						236						238	⊼ J. MALDONADO
4	160	838	461	5	203 / 117	86	124	619	425	5	167 / 81	86	
						322						324	
5	143	627	444	5	185 / 101	84	123	241	424	5	164 / 82	82	
						406						406	
6	168	768	469	5	190 / 146	44	138	902	439	5	160 / 116	44	
						450 ✓						450 ✓	
B.M. 2-16												450	B.M. 2-16
	993	852 ✓					810	535 ✓			↓	900	NORWALK BLVD. & ROSEHEDGE DR.
	810	535											SEE F.B. 2856-1
	+183	317 ✓											

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET F.B. 4113 PG. 49
SURVEY BY G.E. DREIER WEATHER THW OVERCAST INST. NO. 26716
NOTES BY G.E. DREIER DATE 4-28-71 TIME 12:55 TO 1:20 ROD NO. 26895
INDEXED G.J. GALL DATE NOTES CHKD RCB DATE 6-15-71

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 2-16 TO B.M. 2-14A (15)
B.M. 2-16					156						186		B.M. 2-16
1	128	111	429	5	100	56	157	880	458	5	128	58	NORWALK BLVD. & ROSEHEDGE DR.
													SEE F.B. 2856-11
2	153	271	454	5	194 / 112	82	187	622	488	5	226 / 148	78	
						138						136	RERUN
3	125	693	426	5	159 / 91	68	155	682	456	5	190 / 120	70	T. J. MALDONADO
					175	206					193	206	
4	138	374	439	5	101	74	155	541	456	5	117	76	
					178	280					188	282	
5	141	181	442	5	104	74	152	609	453	5	116	72	
						354	309	334				354	
6	132	578	433	5	180 / 84	96	193	344	494	5	242 / 144	98	
						450 ✓						452 ✓	
B.M. 2-15												450	B.M. 2-15
	819	208 ✓					1002	678 ✓			✓	902	NORWALK BLVD. & SARAGOSA ST.
							819	208					SEE F.B. 1203-22
							183	470 ✓					

76P526B CE # 308 8/68

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.2-15 TO B.M.2-14A
B.M.2-15									B.M.2-15
1	194	958	495 5	227 161 66	169	587	470 5	204 134 70	NORWALK BLVD. & SARAGOSA ST.
									SEE F.B. 1203-22
2	110	220	411 5	142 78 64	162	510	463 5	193 131 62	
				130				132	
3	144	900	445 5	179 109 70	191	721	492 5	226 156 70	⊼ J. MALDONADO
				200				202	
4	158	069	459 5	193 123 70	162	241	463 5	196 128 68	
				270				270	
5	145	391	446 5	160 130 30	144	131	445 5	158 130 28	
				300	✓			298 ✓	
								300	
	753	538 ✓			830	190 ✓		598 ✓	
B.M.2-14A					753	538			B.M.2-14A
									NORWALK BLVD. & WASHINGTON BLVD.
					76	652 ✓			SEE F.B. ~~1203-21~~ 2856-9

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 4-27-71
INDEXED L. GALLI DATE
WEATHER CLEAR 61°
TIME 9:25 TO 9:50
NOTES CHKD RCB
INST. NO 96716
ROD NO 95 & 96
DATE 6-15-71
F.B. 4113 PG. 51

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.2-14A TO B.M.2-15
B.M. 2-14A													B.M. 2-14A
1	146	552	447	5	189 / 146	86	129	573	430	5	172 / 86	86	NORWALK BLVD. & WASHINGTON BLVD
													SEE F.B. 2856-9
2	172	821	473	5	212 / 132	80	124	494	425 / ~~384~~	5	165 / 83	82	
						166						168	⊼ J. MALDONADO
3	166	399	467	5	202 / 130	72	160	260	461	5	197 / 123	74	
						238						242	
4	179	845	480	5	206 / 152	54	174	651	475	5	202 / 146	56	
						292 ✓						298 ✓	
B.M. 2-15												292	B.M. 2-15
	665	617 ✓					588	978 ✓				590	NORWALK BLVD. & SARAGOSA ST.
	588	978											SEE F.B. 1203-22
	+ 76	639 ✓											

60°

WEATHER OVERCAST INST. NO 96716

TIME 940 ROD NO 95891

NOTES CHKD RCB DATE 6-15-71

JOB NO 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-28-71

INDEXED I. GAMM DATE

FIG. 52

4113

76P526B CE # 308 8/68

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER HAZE 64°
NOTES BY G.E. DREIER DATE 4-27-71 TIME 9:50 TO 18:15 INST. NO 26716
INDEXED G.J. GALLI DATE NOTES CHKD. RCB DATE 6-15-71 ROD NO 25 & 26
F.B. 4113 PG. 53

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 2-14A TO B.M. 2-13D
B.M. 2-14A				164				226	B.M. 2-14A
1	130	489	431 5	96 68	191	100	492 5	156 70	NORWALK BLVD & WASHINGTON BLVD.
				184				213	SEE F.B. 2856-9
2	148	542	449 5	112 72	174	709	475 5	135 78	
				140				148	
3	136	371	437 5	172 100 72	163	005	464 5	196 130 66	T R. SIEMANN
				212				214	
4	157	611	458 5	193 121 72	168	837	469 5	203 133 70	
				284				284	
5	142	365	443 5	178 106 72	168	101	469 5	202 134 68	
				356				352	
6	149	928	450 5	180 118 62	160	924	461 5	195 125 70	
				418				422	
7	149	770	450 5	180 118 62	197	667	498 5	225 169 56	
				480	✓			478	✓
								480	
	1015	074	RCB		1224	343	✓		958 ✓
M. 2-13D		6			1015	076			B.M. 2-13D
									NORWALK BLVD. & SLAUSON AVE. E. INT.
					209	269 7	RCB		SEE F.B. 3708-39

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO 96714 ROD NO 2582 DATE 6-15-71
WEATHER OVERCAST 61°
TIME 9:15 TO 9:40
NOTES CHKD R.C.S. DATE
SURVEY OF L.A.Co. PRECISE LEVEL NET JOB NO 0301.02
SURVEY BY DREIER NOTES G.E. DREIER 4-28-71
INDEXED C.J. CALC DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 2-13D TO B.M. 2-14A
B.M. 2-13D													B.M. 2-13D
1	200	975	501	5	255 145	110	148	690	449	5	202 94	108	NORWALK BLVD. & SLAUSON AVE, ETC
													SEE F.B. 3708-39
2	179	982	480	5	228 130	98	137	040	438	5	187 87	100	
						208						208	
3	163	479	464	5	215 111	104	146	000	447	5	198 94	104	
						312						312	℄ R. SIEMANN
4	161	911	462	5	206 116	90	128	742	422	5	165 77	88	
						402						400	
5	161	300	462	5	203 119	84	105	024	406	5	147 64	83	
						486 ✓						483 ✓	
B.M. 2-14A												486	B.M. 2-14A
	867	647 ✓					658	496 ✓				969	NORWALK BLVD. & WASHINGTON BLVD
	658	496											SEE F.B. 2856-9
	+209	151 ✓											

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 G.E. DREIER DATE 4-27-71 WEATHER 66° HAZE
B.J. GALLI TIME 9:15 TO 11:35 INST. NO 26716
INDEXED ROD NO 25896
DATE NOTES CHKD RCB DATE 6-15-71
F.B. 4113 PG. 55

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 2-13D TO B.M. 2-13C
B.M. 2-13D											194		B.M. 2-13D
1	184	630	485	5	216 152	64	160	599	461	5	126	68	NORWALK BLVD. & SLAUSON AVE., E.
													SEE F.B. 3708-39
2	186	265	487	5	219 153	66	151	949	452	5	183 119	64	
						130						132	
3	168	781	469	5	204 132	72	166	364	467	5	202 130	72	R. SIEMANN
						202						204	
4	140	724	441	5	173 107	66	156	909	457	5	187 125	62	
						268						266 ✓	
												268	
	680	400 ✓					635	821 ✓				534 ✓	
B.M. 2-13C	635	821											B.M. 2-13C @ R.R.
													NORWALK BLVD. NEAR SANTE FE CITY LIMITS
	+ 44	579 ✓											SEE F.B. 3708-37
			RERUN 4-28-71 1:30 TEMP = 65° OVERCAST										
B.M. 2-13D													
1	189	590	490	5	227 151	76	157	860	458	5	195 119	76	
2	182	250	483	5	214 150	64	155	041	456	5	186 124	62	
					199	140					200	138	
3	161	761	462	5	123	76	163	928	464	5	126	74	
					193	216					187	212	
4	147	851	448	5	121	52	159	632	460	5	131	56	
						268 ✓						268 ✓	
												268	
B.M. 2-13C	681	452 ✓					636	511 ✓				536 ✓	
	636	511											
	+ 44	941 ✓											

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

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

Do not extend notes this side of this line.

INST. NO. 96716
ROD NO. 95 E 21
DATE 6-15-71
WEATHER OVERCAST 59°
TIME 9:00 TO 9:15
NOTES CHKD RCB
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER 4-28-71
INDEXED C.J. GANT DATE
JOB NO. 0301.02
4113 P.S. 26

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT		MIC.	LEFT.		STADIA	RIGHT		MIC.	LEFT.		STADIA	FROM B.M. 2-13C TO B.M. 2-13D
B.M. 2-13C													B.M. 2-13C
1	~~152~~		313	453	5	188 146 72	171		620	472	5	223 119 104	NORWALK BLVD. NEAR SANTA FE CITY LIM
	180		442	481	5	231 129 102							SEE F.B. 3708-37
2	149		908	450	5	199 99 100	182		999	483	5	231 133 98	
						202						202	
3	166		300	467	5	201 131 70	186		877	487	5	221 151 70	↑ R. SIEMANN
						272 ✓						272 ✓	
												272	
	496		650 ✓				541		496 ✓			544 ✓	
B.M. 2-13D							496		650				B.M. 2-13D
							44		846 ✓				NORWALK BLVD. & SLAUSON AVE
													SEE F.B. 3708-39

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 WEATHER HAZE 67°
NOTES BY G.E. DREIER DATE 4-27-71 TIME 10:35 TO 11:15 INST. NO. 26716
INDEXED C.S. CALL DATE NOTES CHKD. RCB DATE 6-15-71 ROD NO. 25896
F.B. 4113 PG. 57

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 2-13C TO B.M. 2-12A
B.M. 2-13C													B.M. 2-13C
1	165	370	466	5	200 130	7 80	107	721	408	5	142 72	70	NORWALK BLVD. & SANTE FE CITY LIMITS
													SEE F.B. 3708-37
2	222	180	523	5	259 185	74 144	189	230	490	5	225 153	72 142	
3	152	373	453	5	188 116	72 216	123	982	423	5	159 85	74 216	∧ R. SIEMANN
4	149	120	450	5	184 114	70 286	142	573	443	5	176 108	68 284	
5	131	153	432	5	166 96	70 356	186	778	487	5	222 150	72 356	
6	139	108	440	5	174 104	70 426	181	809	482	5	216 146	70 426	
7	136	375	437	5	165 107	58 484	178	164	479	5	207 149	58 484	
8	147	910	448	5	176 118	58 542	174	588	475	5	202 146	56 540	
9	155	418	456	5	164 146	18 560	139	466	440	5	149 139	20 560	
B.M. 2-12A												560	B.M. 2-12A
	1399	007					1423	311				120	NORWALK BLVD. 400 FT. N. OF SMITH DR
							1399	007					SEE F.B. 3708-35
							-24	304					

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. 2-12A TO B.M. 2-13C
B.M. 2-12A													B.M. 2-12A
1	157	869	458	5	212 / 102	110	127	469	428	5	182 / 72	110	NORWALK BLVD. ±400 FT. N. OF SMITH DR
													SEE F.B. 3708-35
2	198	630	499	5	249 / 147	102	126	900	427	5	177 / 75	102	
						212						212	
3	193	651	494	5	243 / 143	100	159	188	460	5	208 / 110	98	⊼ R. SIEMANN
						312						310	
4	143	410	444	5	194 / 92	102	182	412	483	5	234 / 130	104	
						414						414	
5	197	660	498	5	245 / 149	96	242	210	543	5	289 / 195	94	
						510						508	
6	149	510	450	5	177 / 121	56	178	581	479	5	207 / 149	58	
						566 ✓						566 ✓	
												566	
	1040	730 ✓					1016	7 ~~6~~60 ✓				1132 ✓	
B.M. 2-13C	1016	7 ~~6~~60											B.M. 2-13C
	+2~~4~~3	970 ✓											NORWALK BLVD. N. OF R.R. NEAR SANTA FE CITY LIMITS
													SEE F.B. 3708-37

58°

WEATHER OVERCAST INST. NO 9671

TIME 8:30 TO 9:00 ROD NO 9589

NOTES CHKD RCB DATE 6-15-71

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-28-71

INDEXED G.J. GALLI DATE

4115 ..38

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 WEATHER OVERCAST INST. NO.
NOTES BY G.E. DREIER DATE 4-28-71 TIME 2:00 TO 2:35 ROD NO. 25816
INDEXED R.J. GALLI DATE NOTES CHKD. RCB DATE 6-15-71

F.B. 4113 PG. 59

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													RERUN
													FROM BM. 2-13C TO B.M. 2-12A
B.M. 2-13C													B.M. 2-13C
1	205	131	506	5	238 172	66	136	111	437	5	170 102	72	NORWALK BLVD. & RR NEAR SANTE FE SD. (City Limit)
													SEE F.B. 3708-37
2	192	554	493	5	238 146	92	187	191	488	5	233 141	92	
						158						164	
3	177	808	478	5	217 137	80	151	336	452	5	188 114	74	RERUN
						238						238	R. SIEMANN
4	172	392	473	5	213 131	82	173	491	474	5	213 133	80	
						320						318	
5	132	482	433	5	170 94	76	183	822	484	5	221 145	76	
						396						394	
6	128	928	429	5	171 86	85	184	460	485	5	227 141	86	
						481					187	480	
7	134	978	435	5	177 91	86	151	998	452	5	115	72	
						567	✓					552 ✓	
												567	B.M. 2-12A
B.M. 2-12A	1144	273	✓				1168	409	✓			1119	NORWALK BLVD. ± 400 FT. N. OF SMITHDR
							1144	273					SEE F.B. 3708-35
							- 24	136	✓				

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4113 Pg. 60 JOB NO. 030102

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-28-71

INDEXED O. J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 2:35 TO 3105 ROD NO. 95 & 96

NOTES CHKD RCG DATE 6-15-71

RERUN ✓

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M.2-12A TO B.M.2-13C
B.M.2-12A									B.M.2-12A
1	152	179	453 5	192 / 112 / 80	141	638	442 5	184 / 101 / 80	NORWALK BLVD. ± 400 FT. N. OF SOUTH DR.
									SEE F.B. 3708-35
2	185	401	486 5	224 / 146 / 78	130	000	431 5	169 / 91 / 78	
				158				158	
3	187	427	488 5	225 / 149 / 76	140	562	441 5	178 / 102 / 76	RERUN
				234				234	T R. SIEMANN
4	192	260	493 5	232 / 152 / 80	176	678	477 5	216 / 136 / 80	
				314				314	
5	156	180	457 5	194 / 118 / 76	182	089	483 5	220 / 144 / 76	
				390				390	
6	166	353	467 5	209 / 123 / 86	171	395	472 5	213 / 129 / 84	
				476				474	
7	110	301	411 5	156 / 64 / 92	183	675	484 5	227 / 139 / 88	
				568 ✓				562 ✓	
								568	
B.M.2-13C									B.M.2-13C
	1150 101 ✓				1126 037 ✓			1130	NORWALK BLVD. & R.R. AT SANTE FE SPRINGS CITY LIMIT
	1126 037								SEE F.B. 3708-37
	+ 24 064 ✓								

76P526B CE # 308 8/68

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=70° F.B. 4113 PG. 61
SURVEY BY G.E. DREIER WEATHER LT. WIND INST. NO. 96776
NOTES BY SIEMANN DATE 4-27-71 TIME 11:20 TO 12:00 ROD NO. 25496
INDEXED GALLI DATE NOTES CHKD. RCG DATE 6-15-71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 2-12A TO B.M. 2-11B
B.M. 2-12A											B.M. 2-12A
1	1450	0750	4466	5	182 108 74	2000	3230	5015	5	238 162 76	NORWALK BLVD. 400 FT. N. OF SMITH DR.
											SEE F.B. 3708-35
2	1500	4820	4511	5	179 121 58	1720	8340	4735	5	201 143 58	
3	1300	2570	4310	5	167 93 74 (132)	1910	1000	4920	5	228 154 74 (134)	
4	1280	4350	4290	5	160 96 64 (206)	1900	7080	4910	5	221 159 62 (208)	
											T = DREIER
5	1120	4690	4130	5	141 83 58 (270)	2110	1550	5120	5	245 177 68 (270)	
6	1340	4520	4350	5	168 100 68 (338)	1570	2680	4580	5	186 128 58 (338)	
7	1560	3670	4570	5	190 122 68 (396)	1750	5610	4760	5	208 142 66 (396)	
					464 ✓					462 ✓	
										464	B.M. 2-11B
M.2-11B										↘ 926	NORWALK BLVD. & TELEGRAPH RD.
	9570	5370 ✓				2980	9490 ✓				SEE F.B. 3708-34
						9570	5370				
						3410	4120 ✓				

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. 2-11 B TO B.M. 2-12A
B.M. 2-11 B													B.M. 2-11 B
1	184	021	485	5	214 154	60	182	002	483	5	216 148	68	NORWALK BLVD. & TELEGRAPH RD.
													SEE F.B. 3708-34
2	165	135	466	5	195 135	60	136	817	437	5	162 110	52	
						120						120	
3	197	609	498	5	229 165	64	109	351	410	5	141 77	64	
						184						184	
4	211	005	512	5	248 174	74	124	698	425	5	160 88	72	
						258						256	π = DREIER
5	184	255	485	5	219 149	70	132	349	433	5	167 97	70	
						328						326	
6	177	307	478	5	212 142	70	145	425	446	5	180 110	70	
						398	830	642				396	
7	148	738	449	5	181 115	66	96	183	397	5	130 62	68	
						464 ✓						464 ✓	
B.M. 2-12 A												464	B.M. 2-12A
	1268	070 ✓					926	825 ✓				928	NORWALK BLVD. 400 FT. ± N. OF
	926	825											SMITH RD.
	+341	245 ✓											SEE F.B. 3708-35

T = 70°

WEATHER WINDY INST. NO. 86716

TIME 3:10 TO 3:40 ROD NO. 95496

NOTES CHKD. RCB DATE 6-15-71

JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-27-71

INDEXED J. GALLY DATE

4113 PG. 62

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 = 72°
SURVEY BY G.E. DREIER WEATHER WINDY INST. NO. 96716
NOTES BY SIEMANN DATE 4-27-71 TIME 1:20 TO 1:55 ROD NO. 95496
INDEXED J. GALLI DATE NOTES CHKD. RCR DATE 6-15-71
F.B. 4113 PG 63

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 2-11 B TO B.M. 2-10 A
M.2-11 B													B.M. 2-11 B
1	134	052	435	5	154 / 114	40	184	489	485	5	204 / 164	40	NORWALK BLVD. & TELEGRAPH RD.
													SEE F.B. 3708-31
2	136	332	437	5	168 / 104	64	167	850	468	5	199 / 135	64	
						104						104	
3	132	897	433	5	165 / 99	64	213	726	514	5	276 / 180	66	
						168						170	
4	163	046	464	5	196 / 130	66	178	785	479	5	211 / 145	66	T = DREIER
						234						236	
5	163	114	464	5	199 / 127	72	180	654	481	5	215 / 144	71	
						306						307	
6	141	348	442	5	174 / 108	66	173	773	474	5	206 / 140	66	
						372						373	
7	132	396	433	5	163 / 101	62	173	231	474	5	204 / 142	62	
						434						435	
8	96	018	397	5	133 / 59	74	193	805	494	5	229 / 157	72	
						508						507	
9	134	458	435	5	163 / 105	58	198	255	499	5	169	58	
						566	✓					565	✓
												566	B.M. 2-10 A
M.2-10A													
	233	661	✓				1664	568	✓			1131	NORWALK BLVD. & LAKELAND RD.
							1233	661					SEE F.B. 3708-31
							430	907	✓				

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 2-10A TO B.M. 2-11B
B.M. 2-10A													B.M. 2-10A
1	207	090	508	5	238 176	62	135	392	436	5	165 105	60	NORWALK BLVD. & LAKELAND RD.
													SEE F.B. 3708-32
2	197	503	498	5	234 160	74	108	042	409	5	144 72	72	
						136						132	
3	164	804	465	5	197 131	66	126	267	427	5	160 92	68	
						202						200	
4	173	662	474	5	211 135	76	145	248	446	5	184 106	78	
						278						278	
5	175	975	476	5	207 143	64	138	947	439	5	170 106	64	⊼ = DREIER
						342						342	
6	180	525	481	5	216 144	72	145	060	446	5	181 109	72	
						414						414	
7	181	780	482	5	215 147	68	139	222	440	5	173 105	68	
						482						482	
8	186	556	487	5	217 155	62	127	459	428	5	158 96	62	
						544						544	
9	189	945	490	5	204 174	30	161	323	462	5	176 146	30	✓
						574						574	
B.M. 2-11B												574	B.M. 2-11B
	1654	840 ✓					1226	960 ✓				1148	NORWALK BLVD. & TELEGRAPH RD
	1226	960											SEE F.B. 3708-34
	+430	880 ✓											

F.B. 4113 PG. 64 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-27-71

INDEXED J. GALLI DATE

T = 72°

WEATHER WINDY INST. NO. 96716

TIME 2:35 TO 3:05 ROD NO. 95896

NOTES CHKD RCB DATE 6-15-71

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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 2-10A TO B.M. 2-9A
M. 2-10A									B.M. 2-10A
1	118	931	419 5	154 82 72	204	390	505 5	239 169 70	NORWALK BLVD. & LAKELAND RD.
									SEE F.B. 3708-31
2	127	540	428 5	161 93 68	191	291	492 5	226 156 70	
				140				140	
3	100	525	401 5	138 62 76	199	957	500 5	237 161 76	
				216				216	π = MALDONADO
4	109	752	410 5	141 77 64	184	370	485 5	217 152 65	
				280				281	
5	130	238	431 5	153 107 46	203	251	504 5	226 180 46	
				326	✓			327	✓
M. 2-9A								326	B.M. 2-9A
	586	986	✓		983	259	✓	653	NORWALK BLVD. & ENTRANCE TO
					586	986			METROPOLITAN STATE HOSP.
					396	273	✓		SEE F.B. 2856-10

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 72°

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 4-27-71

INDEXED G. J. GALLI DATE

WEATHER WINDY

TIME 1:55 TO 2:10

NOTES CHKD RCB

INST. NO 96716

ROD NO. 95496

DATE 6-15-71

F.B. 4113 PG. 65

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. 2-9A TO B.M. 2-10A
B.M. 2-9A													B.M. 2-9A
1	204	159	505	5	235 173	62	106	860	407	5	137 75	62	NORWALK BLVD. & ENTRANCE TO
													METROPOLITAN STATE HOSPITAL
2	196	546	497	5	229 162	67	120	491	421	5	155 85	70	SEE F.B. 2856-10
						129						132	
3	184	374	485	5	218 150	68	101	839	402	5	134 68	66	
						197						198	
4	190	723	491	5	220 160	60	117	808	418	5	146 87	59	π = MALDONADO
						257						257	
5	191	602	492	5	225 157	~~382~~	124	253	425	5	156 92	64	
						68						321 ✓	
B.M. 2-10A						325 ✓						325	B.M. 2-10A
	967	404 ✓					571	251 ✓				646	NORWALK BLVD. & LAKELAND RD
	571	251											SEE F.B. 3708-31
	+396	153 ✓											

T = 72°

WEATHER WINDY INST. NO 96716

TIME 2:15 TO 2:30 ROD NO 95896

NOTES CHKD RCB DATE 6-15-71

F.B. 4113 PG. 66 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-27-71

INDEXED C. J. GALLI DATE

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes Date APRIL 1971
Date	Indexed J. GALLO MAY 21 '71

F. B. 4113 PG. 71

JOB NO. 0301.02

L.A.CO. PRECISE LEVEL NET

PART OF LINE NO. 51, 1971 RELEVELING

DESCRIPTION REFERENCE
F.B. 2408

DREIER
MALDONADO
SIEMANN
McKNIGHT
MIYAHIRA

Note: Any Additions or Changes on This Sheet Must be Made 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.

16F109S CE#310 3-69

F.B. 4113 PG 72

ROUTE SKETCH

PORTION OF LINE 51, MAY 1970 RELEVELING

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DEPARTMENT OF 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 this side of this line.

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-60 F.B. 413 PG. 73
SURVEY BY G.E. Dreier WEATHER Overcast INST. NO. 26716
NOTES BY Maldonado DATE 5-13-71 TIME 9:30 ROD NO. 8596
INDEXED E.J. GALLI DATE NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ___ TO ___
					DETERMINATION OF "C"				
					NEAR ROD				FAR ROD
1	155	950	456 5	157 153 4	140	131	441 5	167 113 54	54 M- 4 M= 50 M=0.20 mm
2	161	190	462 5	163 159 4	177	016	478 5	204 150 54	54 M- 4 M= 50 M=0.20 mm
	317	140		8	317	147		108	
	317	107				0.40 mm		8	
	+	033			-0.	mm			Curvature Corr.=0.40 mm
						107		100	
					-				
		+ 0.203		mm= "C"					
	100	0.330							
							mm= "C"		

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 = 60°

SURVEY BY G.P. DREIER WEATHER OVERCAST INST. NO. 96916

NOTES BY SIEMANN DATE 5-14-71 TIME 8:40 TO 8:45 ROD NO. 95696

INDEXED G.L. GALLI DATE NOTES CHKD DATE

F.B. 4113 PG. 75

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	973	448 5	149 145 4	132	723	433 5	159 105 54	54 M- 4 M= 50 M=0.20 mm
2	153	522	454 5	155 151 4	168	810	469 5	195 141 54	54 M- 4 M= 50 M=0.20 mm
	301	495		8	301	533		108	
	301	493				040		8	
	+	002			-0.	mm			Curvature Corr.=0.40 mm
					301	493		100	
					-				
			000	mm= "C"					
	100	002							
							mm= "C"		

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= 66°

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

NOTES BY SIEMANN DATE 5-17-71 TIME 8:30 TO 8:35 ROD NO. 95096

INDEXED C. J. GALLI DATE NOTES CHKD DATE

F.B. 4113 PG. 77

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	149	852	450 5	151 147 4	134	588	435 5	161 107 54	54 M- 4 M= 50 M=0.020mm
2	153	749	454 5	155 151 4	169	033	470 5	196 142 54	54 M- 4 M= 50 M=0.020mm
	303	601		8	303	621		108	
	303	581				040			
	+	020			-0.	mm		8	Curvature Corr.=0.040mm
					303.	581		100	
					-				
			002	mm= "C"					
	100	020							
							mm= "C"		

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 60° F.B. 4113 PG. 79
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 96716
NOTES BY SIE MANN DATE 5-14-71 TIME 8:30 TO 8:50 ROD NO. 75496
INDEXED C.J. GALO DATE NOTES CHKD. RDS DATE 6-7-71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 51-11 TO B.M. 51-12
M.51-11	3								B.M. 51-11
1	178 581	479	5	208 148 60	140 587	461	5	170 110 60	BEVERLY BLVD. & LEXINGTON AVE RD.
									SEE F.B. 2408-17
2	168 809	469	5	212 124 88	121 502	422	5	165 77 88	
				148				148	
3	164 077	465	5	206 122 84	134 689	435	5	176 92 84	
				232				232	T = MALDONADO
4	176 085	477	5	223 129 94	147 038	448	5	194 100 94	
				326				326	
5	159 571	460	5	202 116 86	164 393	465	5	206 122 84	
				412				410	
6	140 707	441	5	170 110 60	187 750	488	5	217 157 60	
				472 ✓				470 ✓	
								472	B.M. 51-12
M.51-12	987830 ✓				895959 ✓			✓ 942	BEVERLY BLVD. & DURFEE AVE.
	895959								SEE F.B. 2408-18
	+ 91871 ✓								

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 51-12 TO B.M. 51-11
B.M. 51-12													B.M. 51-12
1	189	521	490	5	227 151	76	136	180	437	5	174 98	76	BEVERLY BLVD. & DURFEE AV
													SEE F.B. 2408-18
2	149	450	450	5	180 118	62	149	401	450	5	180 118	62	
						138						138	
3	153	439	454	5	192 114	78	152	071	453	5	190 114	76	
						216						214	π = MALDONADO
4	114	640	415	5	147 81	66	160	253	461	5	196 124	72	
						282						286	
5	135	197	436	5	164 106	58	182	057	483	5	208 156	52	
						340						338	
6	156	316	457	5	198 114	84	186	615	487	5	228 144	84	
						424						422	
7	~~160~~	~~756~~	~~461~~	~~5~~	~~182~~ ~~138~~	~~44~~	184	232	485	5	108 160	48	
	160	450	461	5	184 136	~~468~~ 48						470	
B.M. 51-11												~~468~~ 72	B.M. 51-11
	~~9~~	~~319~~				472	1150	809	✓			942	BEVERLY BLVD. & LEXINGTON RD
	1059	013	✓				1059	013					SEE F.B. 2408-17
							91	796	✓				

T = 74°

WEATHER LT. WIND INST. NO. 96711

TIME 2:10 TO 2:30 ROD NO. 95496

NOTES CHKD RCB DATE 6-7-71

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-14-71

INDEXED C.J. CAMP DATE

FIG. 4113 PG. 80

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 60°
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO 96716
NOTES BY SIEMANN DATE 5-14-71 TIME 8:55 TO 9:15 ROD NO 95196
INDEXED J. GALLI DATE NOTES CHKD RCR DATE 6-7-71
F.B. 4113 PG. 81

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 51-12 TO B.M. 51-13
M.51-12					194						230		B.M. 51-12
1	151	283	452	5	108	86	187	341	488	5	144	86	BEVERLY BLVD. & DURFEE AVE.
					180						215		SEE F.B. ◆2408-18
2	135	899	436	5	90	90	170	701	471	5	125	90	
						176						176	
3	154	389	455	5	196 / 112	84	3	861	304	5	146 / 3	86	T = MALDONADO
						260						262	
4	290	695	591	5	290 / 270	40	60	203	361	5	80 / 40	40	
					291	300					126	302	
5	26 3/4	318	564	5	235	56	99	751	400	5	72	54	
						356	✓					356	✓
												356	
M.51-13													B.M. 51-13
	995	584	✓				521	857	✓			712	BEVERLY BLVD. & SAN GABRIEL
	521	857											RIVER. S.W. COR.
	+ 473	727	✓										SEE F.B. 2408-19

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. 51-13 TO B.M. 51-12
B.M. 51-13									B.M. 51-13
1	109	236	410 5	135 83 52	226	702	527 5	252 200 52	BEVERLY BLVD. & SAN GABRIEL
									RIVER. S.W. COR.
2	13	981	314 5	1/2 38 13 50	298	999	599 5	1/2 298 273 50	SEE F.B. 2408-19
				102				102	
3	18	030	319 5	1/2 51 18 66	166	963	467 5	196 133 66	
				168				168	π = MALDONADO
4	179	406	480 5	212 146 66	130	999	431 5	163 97 66	
				234				234	
5	160	627	461 5	192 128 64	134	321	435 5	167 103 64	
				298				298	
1	100	159	401 5	130 70 60	256	022	557 5	286 226 60	
2	8	728	309 5	1/2 30 8 44	278	482	579 5	300 256 44	
				104				104	
3	35	781	336 5	67 3 64	160	162	461 5	195 125 70	
				168				174	
4	173	267	474 5	206 140 66	126	639	427 5	161 91 70	
				234				244	
5	160	923	461 5	195 125 70	132	939	433 5	160 104 56	
				304				300	
6	155	472	456 5	184 126 58	153	468	454 5	183 123 60	
				362 ✓				360 ✓	
B.M. 51-12								362	B.M. 51-12
	634	330 ✓			107	712 ✓		722	BEVERLY BLVD. & DURFEE AVE.
					634	330			SEE F.B. 2408-18
				-	473	382 ✓			

T = 74°

WEATHER OVERCAST INST. NO. 96716

TIME 1:15 TO ROD NO. 95896

NOTES CHKD. RCB DATE 6-7-71

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-14-71

INDEXED C. J. GALLI DATE

4113 PG. 82

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 66°
F.B. 4113 PG. 83
SURVEY BY C.E. DREILER WEATHER SUNNY INST. NO. 26716
NOTES BY SLE MANN. DATE 5-17-71 TIME 8:40 TO 9:10 ROD NO. 25496
INDEXED C.J. GALLI DATE NOTES CHKD. RCG DATE 6-7-71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
								RERUN	FROM B.M. 51-12 TO B.M. 51-13
M.51-12				173				204	B.M. 51-12
1	138	637	439 5	103 70	168	911	469 5	132 72	BEVERLY BLVD & DURFEE AVE.
									SEE F.B. 2408-18
2	139	829	440 5	176 102 74	166	127	467 5	201 131 70	
				167 144				196 142	RERUN
3	135	522	436 5	103 64	164	419	465 5	132 64	T = MALDONADO
				216 208				75 206	
4	188	068	489 5	160 56	48	628	349 5	21 54	
				278 264				55 260	
5	262	422	563 5	246 32	37	191	338 5	19 36	
				279 296				131 296	
6	254	957	555 5	229 50	106	856	407 5	81 50	
				191 346				145 346	
7	181	304	482 5	171 20	134	858	435 5	125 20	
				366 ✓				366 ✓	
								366	B.M. 51-13
M.51-13	300	739 ✓			826	990 ✓		732 ✓	BEVERLY BLVD. & SAN GABRIEL
	826	990							RIVER. S.W. COR.
	473	749 ✓							SEE F.B. 2408-17

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RERUN RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 51-13 TO B.M. 51-12
B.M. 51-13													B.M. 51-13
1	107	680	408	5	132 / 82	50	221	137	522	5	246 / 196	50	BEVERLY BLVD. & SAN GABRIEL RIVER. S.W. COR.
2	14	912	315	5	1/2 39 / 14	50	295	972	596	5	295 / 271	48	SEE F.B. 2408-19
						100						98	
3	12	256	313	5	1/2 44 / 12	64	170	636	471	5	202 / 138	64	RERUN
						164						162	
4	171	350	472	5	204 / 138	66	128	774	429	5	162 / 94	68	T = MALDONADO
						230						230	
5	167	571	468	5	198 / 136	62	135	639	436	5	165 / 105	60	
						292						290	
6	160	102	461	5	192 / 128	64	155	166	456	5	189 / 121	68	
						356 ✓						358 ✓	
B.M. 51-12												356	B.M. 51-12
	633	871 ✓					107	324 ✓				714	BEVERLY BLVD. & DURFEE AVE.
							633	871					SEE F.B. 2408-18
							473	453 ✓					

T = 76°

WEATHER HAZY SUN INST. NO 9671

TIME 2:45 TO ROD NO 9589

NOTES CHKD RCB DATE 6-7-71

F.B. 4113 PG. 84 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-14-71

INDEXED J. GALL 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= 74°
SURVEY BY G.E. DREIER WEATHER LT. WIND F.B. 4113 PG. 85
NOTES BY SIEMANN DATE 5-17-71 TIME 9:40 TO 10:40 INST. NO. 086716
INDEXED G.J. GALLI DATE NOTES CHKD RCB DATE 6-7-71 ROD NO. 35949

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 51-12 TO B.M. 51-13
B.M. 51-12													B.M. 51-12
1	152	765	453	5	121	62	163	663	464	5	133	60	BEVERLY BLVD & DUREE AVE.
													SEE F.B. 2408-18
2	131	656	432	5	100	62	174	860	475	5	142	64	
						124						124	
3	147	257	148	5	117	60	167	170	468	5	137	60	T = DREIER
						184						184	
4	142	400	443	5	110	64	49	837	350	5	17	64	2nd RE RUN
						248						248	
5	273	425	574	5	252	42	23	310	324	5	2	42	
						290						290	
6	289	933	590	5	225	68	85	068	386	5	51	68	
						358 ✓						358 ✓	
B.M. 51-13												358	B.M. 51-13
	1137	436	✓				663	808	✓			716	BEVERLY BLVD. & SAN GABRIEL
	663	908						9					RIVER. S.W. COR.
+	473	528	✓										SEE F.B. 2408-19

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. 51-13 TO B.M. 51-12
B.M. 51-13									B.M. 51-13
1	101	796	402 5	131 71 60	273	491	574 5	304 242 62	BEVERLY BLVD. & SAN GABRIEL
									RIVER. S.W. COR.
2	15	154	316 5	139 215 48	295	726	596 5	1295 271 48	SEE F.B. 2408-19
				108				110	
3	44	192	345 5	74 14 60	144	687	445 5	173 115 58	
				168				168	⊼ = DREIER
4	170	737	471 5	204 136 68	141	841	442 5	176 106 70	
				236				238	2nd RE RUN
5	174	882	475 5	209 139 70	146	392	447 5	180 112 68	
				306				306	
6	191	192	492 5	218 164 54	169	329	470 5	196 142 54	
				360 ✓				360 ✓	
B.M. 51-12								360	B.M. 51-12
	697	953 ✓			171	466 ✓		720	BEVERLY BLVD. & DURFEE AVE
					697	953			SEE F.B. 2408-18
				-	473	513 ✓			

T = 74°

WEATHER LT. WIND INST. NO 96716

TIME 9:15 TO 9:40 ROD NO 95 & 91

NOTES CHKD RCB DATE 6-7-71

F.B. 4113 PG. 86 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-17-71

INDEXED I. GANN DATE

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T = 60° F.B. 4113 PG. 87

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

NOTES BY SIEMANN DATE 5-14-71 TIME 9:15 TO 9:20 ROD NO. 95896

INDEXED C. J. GALLI DATE NOTES CHKD RCB DATE 6-7-71

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. 51-13 TO B.M. 51-13A
.M. 51-13									B.M. 51-13
	131	451	432 5	136 126 10	130	090	431 5	136 124 12	BEVERLY BLVD. & SAN GABRIEL RIVER
									S.W. COR. SEE F.B. 2408-19
	130	090						10	
									T = MALDONADO
.M. 51-13A									B.M. 51-13A
+	1	361 ✓						22	BEVERLY BLVD. & SAN GABRIEL RIVER.
									N.W. COR. SEE F.B. 2408-19

76P526B CE # 308 8/68

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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. 51-13A TO B.M. 51-13
B.M. 51-13A													B.M. 51-13A
	131	052	432	5	135 127	8	132	423	433	5	136 128	8	BEVERLY BLVD. & SAN GABRIEL RIVER.
													N.W. COR. SEE F.B. 2408-19
													T = MALDONADO
B.M. 51-13							131	052				8	B.M. 51-13
								371 ✓				16	BEVERLY BLVD. & SAN GABRIEL
													RIVER. S.W. COR.
													SEE F.B. 2408-19

T = 64°

WEATHER OVERCAST INST. NO 96TW

TIME 11:40 TO 11-45 ROD NO 95896

NOTES CHKD RCB DATE 6-7-71

F.B. 4113 PG. 88 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-14-71

INDEXED J. GALLI DATE

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 60°
SURVEY BY G.E. DREIER WEATHER OVER CAST INST. NO. 16716
NOTES BY SIEMANN DATE 5-14-71 TIME 9:20 TO 10:00 ROD NO. 95896
INDEXED [illegible] CALL DATE NOTES CHKD RCB DATE 6-7-71
F.B. 4113 PG. 89

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 51-13A TO 51-14
M.51-13A					213					163	B.M. 51-13A
1	177	602	478	5	141 72	130	633	431	5	97 64	BEVERLY BLVD. & SAN GABRIEL RIVER. S.W. COR.
2	249	367	550	5	276 222 54	4	307	305	5	27 4 46	SEE F.B. 2408-19
					126					110	
3	229	175	530	5	236 222 14	66	712	367	5	80 52 28	
					140					138	
4	256	682	557	5	270 242 28	63	480	364	5	77 49 28	
					168					166	
5	274	834	575	5	303 245 58	108	003	409	5	138 78 60	
					226					226	T = MALDON A00
6	242	028	543	5	260 224 36	47	747	348	5	66 28 38	
					262					264	
7	300	969	601	5	300 281 38	4	728	305	5	20 4 32	
					300					296	
8	296	298	597	5	296 274 44	92	286	393	5	117 67 50	
					344 ✓					346 ✓	
M.51-14										344	B.M. 51-14
	2026955 ✓					517896 ✓				690	BEVERLY BLVD. & PIONEER BLVD.
	517896										SEE F.B. 2408-20
	+ 509059 ✓										

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 51-14 TO B.M. 51-13A
B.M. 51-14													B.M. 51-14
1	83	270	384	5	110 / 56	54	296	918	597	5	296 / 272	48	BEVERLY BLVD. & PIONEER BLV
													SEE F.B. 2408-20
2	37	589	338	5	46 / 28	18	259	193	560	5	272 / 246	26	
						72						74	
3	15	839	316	5	32 / -2	34	220	551	521	5	237 / 203	34	
						106						108	
4	71	099	372	5	109 / 33	76	292	837	593	5	292 / 258	68	
						182						176	⊼ = MALDONADO
5	48	668	349	5	64 / 32	32	282	048	583	5	282 / 263	38	
						214						214	
6	39	448	340	5	51 / 27	24	250	558	551	5	264 / 236	28	
						238						242	
7	35	222	336	5	54 / 16	38	195	102	496	5	214 / 176	38	
						276						280	
8	131	327	432	5	166 / 96	70	174	318	475	5	208 / 140	68	
						346 ✓						348 ✓	
B.M. 51-13A												346	B.M. 51-13A
	462	462 ✓					1971	525 ✓				694	BEVERLY BLVD. & SAN GABRIE
							462	462					RIVER. N.W. COR.
							-1509	063 ✓					SEE F.B. 2408-19

T = 64°

WEATHER OVERCAST INST. NO. 96716

TIME 11:00 TO 11:40 ROD NO. 95896

NOTES CHKD RCB DATE 6-7-71

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-14-71

INDEXED C. J. GALL DATE

F.B. 4113 PG. 90

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 51-14 TO B.M. 11-129C
BM 51-14				294				96	BM 51-14
1	248	222	549 5	202 92	50	150	351 5	4 92	Beverly Blvd. & Pioneer Blvd.
				294				130	F.B. 2408-20
2	294	702	595 5	250½ 88	85	352	386 5	40 90	
				245 180				170 182	
3	197	682	498 5	149 96	122	959	423 5	74 96	
				302 276	253	670	554 5	298 278	T-Siemann
4	257	882	558 5	212 90	~~10~~	~~476~~	~~311~~ ~~5~~	~~44~~ ~~10~~ 6 90	
				249 368				208 368	
5	215	187	516 5	181 68	19	054	320 5	53½ 19½ 68	
				297 434				166 436	BM 11-129C
6	271	997	572 5	245 52	140	631	441 5	114 52	Beverly Blvd. & Norwalk Blvd. &
BM 11-129C				187 486				178 488	Workman Mill Rd.
7	168	688	469 5	149 38	161	575	462 5	144 34	See F.B. 3711-52
				524 ✓				522 ✓	
								524	
	1654	360 ✓			833	391 ✓		1046 ✓	
	833	391			~~165~~	~~360~~			
	+820	969 ✓			~~668~~	~~031~~			

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 5-14-71

INDEXED B.J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 10:00 to 10:30 ROD NO. 95896

NOTES CHKD RCB DATE 6-7-71

T-66°

F.B. 4113 PG. 91

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INST. NO. 96714 ROD NO. 95296 DATE 6-7-71
WEATHER Overcast TIME 10:35+0 NOTES CHKD RCB
T-62°
JOB NO 030.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Dreier NOTES Maldonado 5-14-71
INDEXED C.T. CALC DATE
F.B. 4113 PG. 92

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 11-129C TO BM 51-14
B.M.- 11-129C					277						306		BM 11-129C
1	241	430	542	5	205	72	275	800	576	5	244	62	Beverly Blvd. & Norwalk Blvd. &
					40						281½		Workman Mill Rd.
2	10	630	311	5	10½	60	281	660	582	5	249½	64	See F.B. 2711-52
					157	132					251	126	
3	107	595	408	5	57	100	198	650	499	5	145	106	
					160	232					575½	232	T-Sicuman
4	113	062	414	5	66	94	275	830	576	5	228½	94	
					64,	326					272	326	
5	10	999	311	5	10½	108	272	508	573	5	218½	108	
						434 ✓						434 ✓	
6												434	
	483	716 ✓					1304	448 ✓				868 ✓	
							483	716					
							+820	732 ✓					
BM 51-14													BM 51-14
													Beverly Blvd. & Pioneer Blvd.
													See F.B. 2408-20

Notes Ck'd by	Survey of L.A.Co.PRECISE LEVEL NET F. B. 4113 PG. 97
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E.DREIER
Checked	Notes Date MAY 1970
Date	Indexed C. J. GALLI MAY 21 '71

JOB NO. 0301.02

L.A.CO. PRECISE LEVEL NET

LINE NO. 38, APRIL & MAY 1970 RELEVELING

DESCRIPTION REFERENCES

F.B. 1359

F.B. 2888

F.B. 3709

DREIER
MALDONADO
SIEMANN
MCKNIGHT
MIYAHIRA

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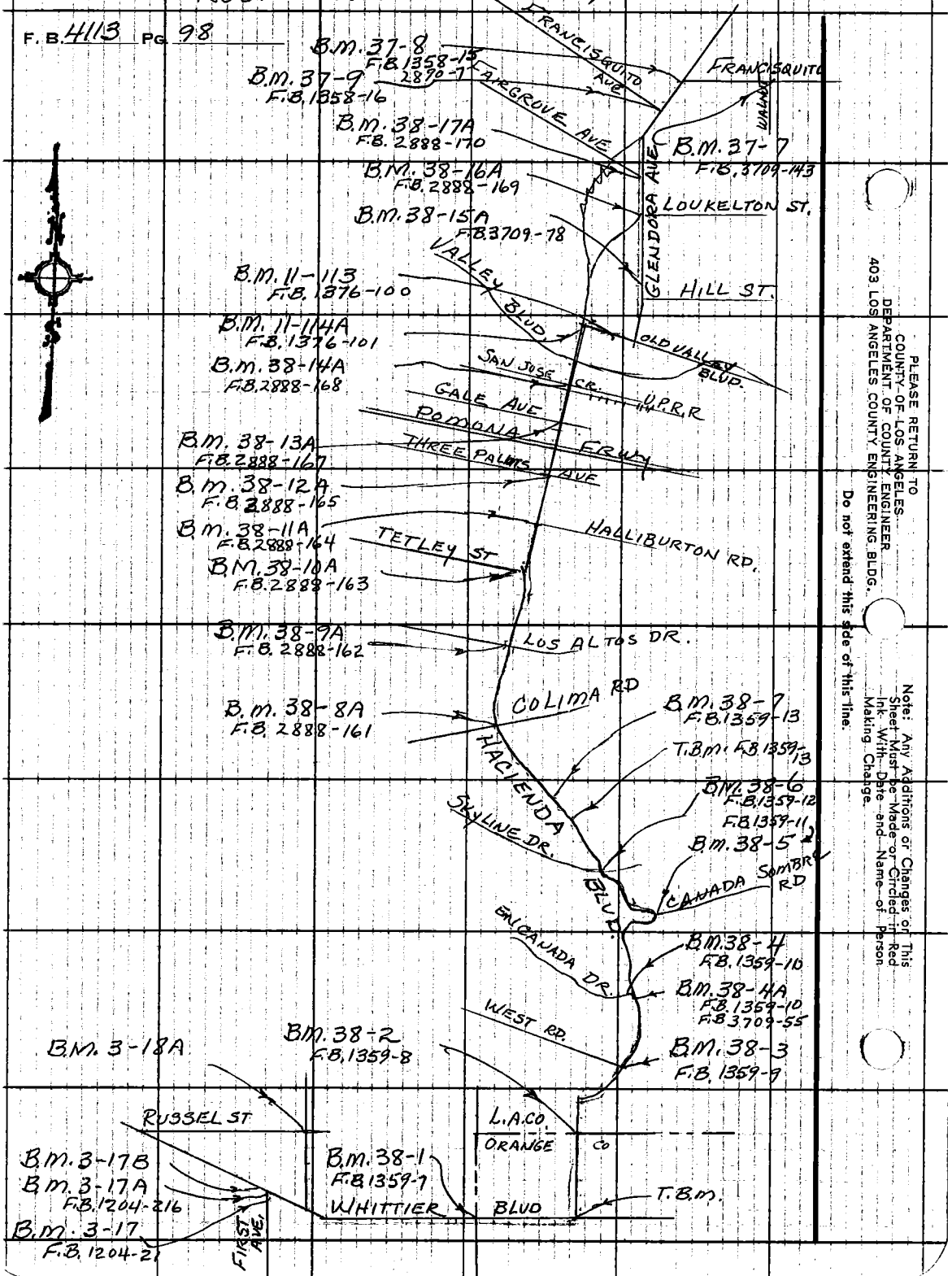
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309 CE#310 3-69

ROUTE SKETCH LINE 38, 1970 RELEVELING

F. B. 4113 PG 98



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76P526B CE # 308 8-59

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700 Los Angeles County Engineering Bldg.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 68° F.B. 4113 Pg. 99
SURVEY BY G.E. DREIER WEATHER Scat. Clouds INST. No. 26716
NOTES BY G.E. DREIER DATE 8-3-71 TIME 9:00 ROD NO. 25 #96
INDEXED G.J. GALLI DATE NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
					DETERMINATION OF "C"				
					NEAR ROD			FAR ROD	
1	154	298	455	5 156 / 152 4	210	822	511	5 236 / 184 52	52 M- 4 M= 48 M=0.20 mm
2	144	808	445	5 146 / 142 4	89	040	390	5 115 / 63 52	M- 4 M= M=0.20 mm
	299	806		8	299	862		104	
	+				-0.	0.40 mm		-8	Curvature Corr.=0.40 mm
					299	822		96	
					299	806			
					-	016			
				mm= "C"					
					-	0.002		mm= "C"	
					96	0.14			

76P526B CE # 308 8-59

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=.56°

SURVEY BY G E DREIER

NOTES BY SIEMANN DATE 5-4-71

INDEXED C. J. GALLI DATE

WEATHER OVERCAST INST. NO 96716

TIME 8:45 TO 8:55 ROD NO. 95896

NOTES CHKD DATE

F.B. 4113 PG. 101

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	160	343	461 5	162 / 158 4	145	535	446 5	172 / 118 54	54 M- 4 M= 50 M=0.20 mm
2	171	318	472 5	173 / 169 4	186	185	487 5	213 / 159 54	54 M- 4 M= 50 M=0.20 mm
	331	661			331	720		108	
				8		040		8	
	+				-0.	mm			Curvature Corr.=0.40 mm
					331	680		100	
						661			
					-	019			
				mm= "C"					
						-	002 mm= "C"		
					100	019			

76P526B CE # 308 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T- 60° F.B. 4113 PG. 103
SURVEY BY G.E.DREIER WEATHER Overcast INST. NO. 96716
NOTES BY G.E.DREIER DATE 5-5-71 TIME 1:40 ROD NO. 35496
INDEXED G.J. GALLI DATE NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
					DETERMINATION OF "C"				
					NEAR ROD				FAR ROD
1	153	049	4545	155 151 4	144	750	4455	171 117 54	54M- 4M= 50M=0.20 mm
2	133	035	4345	135 131 4	141	377	4425	168 114 54	54M- 4M= 50M=0.20 mm
	286	084		8	286	127		108	
						040 mm			Curvature Corr.=0.40 mm
	+				-0. mm			- 8	
					280	087		100	
					286	084			
					-	003			
				mm= "C"					
	1								
						- 0.000		mm= "C"	
					100	0.003			

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.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 56' F.B. 4113 PG. 105
SURVEY BY G.E.DREIER DATE 5-6-71 WEATHER OVER CAST INST. NO. 96716
NOTES BY G.E.DREIER TIME 8:45 ROD NO. 95 & 96
INDEXED J. GALLI DATE NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
					DETERMINATION OF "C"				
					NEAR ROD				
									FAR ROD
1	129	450	430	5 131/127 4	137	792	438	5 164/110 54	54M- 4 M= 50M=0.20 mm
2	152	201	453	5 154/150 4	143	871	444	5 170/116 54	54M- 4 M= 50M=0.20 mm
	281	651		8	281	663		108	
	281	623				0.40			
	+	028			-0.	mm		8	Curvature Corr.=0.40 mm
					281	623		100	
					-				
		0.003		mm= "C"					
	100	0.28							
							mm= "C"		

76P526B CE # 308 8-59

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 5-7-71 WEATHER [illegible] INST. NO. [illegible]

INDEXED G.L. GALLI DATE TIME 9:20 ROD NO. 95 & 96

NOTES CHKD DATE

F.B. 4113 PG. 107

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	211	458 5	159 155 4	187	419	488 5	214 160 54	54M- 4 M= 50 M=0.20 mm
2	151	509	452 5	153 149 4	121	259	422 5	148 94 54	54M- 4 M= 50 M=0.20 mm
	308	720		8	308	678		108	
		638							
	+308	092			-0.040 mm			8	Curvature Corr.=0.40 mm
					307	638		100	
					-				
	+	0.009		mm= "C"					
	100	0.920							
							mm= "C"		

76P526B CE # 308 8-59

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 1-58 P.B. 4113 PG. 109

SURVEY BY G. E. Dreier WEATHER Hazy Sun INST. NO. 9671

NOTES BY Maldonado DATE 5-10-71 TIME 8:20 ROD NO. 95 & 96

INDEXED L. J. GALLI DATE NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	164	108	465 5	166 / 162 4	188	220	489 5	215 / 161 54	54M- 4 M= 50 M=0.20 mm
2	154	786	455 5	156 / 152 4	130	706	431 5	157 / 103 54	54M- 4 M= 50 M=0.20 mm
	318	894		8	318	926		108	
	318	886						8	
	+	018			-0.040 mm				Curvature Corr.=0.40 mm
					318	886		100	
					-				

+ 0.0018 mm= "C"

100 / 0.1800
100
800

mm= "C"

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-6404
SURVEY BY S. E. Dreier WEATHER Hazy/Sun INST. NO. 26716
NOTES BY Maldonado DATE 5-11-71 TIME 8:20 ROD NO. 25494
INDEXED L. J. GALLI DATE NOTES CHKD DATE
F.B. 4113 PG. 111

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				
				145					180		
1	143	177	4445	141	4	153	450	454	126	54	54 M- 4 M= 50 M=0.20 mm
				163					178		
2	161	510	462	159	4	151	183	452	124	54	M- 4 M= M=0.20 mm
	304	687			8	304	633			108	
	304	573								8	
	+ 0	114				-0.040mm					Curvature Corr.=0.40 mm
						304	593				
						-					
		+ 0.010		mm= "C"							
100		1.140									
		100									
		40									
								mm= "C"			

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 G.E. Dreier WEATHER Overcast INST. NO. 2716
NOTES BY Waldenmaier DATE 5-12-71 TIME 8:45 ROD NO. 2512
INDEXED L.J. GALLI DATE NOTES CHKD DATE
F.B. 411/3 PG. 113

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
			NEAR ROD				FAR ROD		
1	162	632	463	5 164 160 4	104	688	405	5 131 77 54	54 M- 4 M=50 M=0.20 mm
2	471	159	472	5 173 169 4	229	212	530	5 256 202 54	54 M- 4 M=50 M=0.20 mm
	333	791			333	900		108	
	+				-0.	0.40 mm		8	Curvature Corr.=0.40 mm
					333	860		100	
					333	791			
					-	0.69			
				mm= "C"					
						-0.005		mm= "C"	
					100	0.590			

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 68°
SURVEY BY G.E. DREIER WEATHER SCAT. CLOUDS INST. NO. 36716
NOTES BY G.E. DREIER DATE 5-3-71 TIME 9:20 TO 2:40 ROD NO. 25496
INDEXED J. GALLI DATE NOTES CHKD RE 11 DATE JUN 1 71
F.B. 4113 PG. 115

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 3-17 TO B.M. 3-18A
B.M. 3-17				301				116	B.M. 3-17
1	279	024	580	5 257 44	94	631	395	5 72 44	WHITTIER BLVD. & 1 ST. AVE
				252				108	SEE F.B. 1204-21
2	222	849	523	5 192 60	79	854	380	5 50 58	
				104				120	
3	198	931	499	5 232 164 68	86	216	387	5 52 68	↑ J. MALDONADO
				172				170	
4	191	643	492	5 203 179 24	143	211	444	5 136 130 26	
				196				124	
5	175	394	476	5 180 170 10	119	573	420	5 114 10	✓
				206 ✓				206	
B.M. 3-18A								206	B.M. 3-18A (F.C. 109-07520B)
	1067	841 ✓			523	585 ✓		412	RUSSELL ST. & BOGARDUS AVE.
	-523	-585							SEE F.B. 3708-231
+	544	256 ✓							

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. 3-18A TO B.M. 3-17
B.M. 3-18A				127					B.M. 3-18A (F.C. 109-0520)
1	122	016	423 5	115 10	177	812	478 5	182 172 10	RUSSELL ST & BOGARDUS AVE
									SEE F.B. 3708-231
2	79	888	380 5	114 70	213	618	514 5	248 178 70	
				80				80	⊼ J. MALDONADO
3	85	510	386 5	120 50 70	213	138	514 5	247 179 68	
				150				148	
4	69	602	370 5	91 49 44	202	430	503 5	225 179 46	
				194				194	
5	106	530	407	111 101 10	200	737	501 5	205 195 10	
				204				204	
B.M. 3-17				2				204	B.M. 3-17
	463	546			1007	735		408	WHITTIER BLVD & 1ST AVE.
					463	546			SEE F.B. 1204-21
					544	189			

69°

WEATHER CLEAR INST. NO. 96718

TIME 9:40 TO 10:05 ROD NO. 95896

NOTES CHKD. RPH DATE 3-1-71

4113 116 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 5-3-71

INDEXED C.J. GALLI DATE

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

F.B. 4113 PG. 117

SURVEY BY G.E. DREIER WEATHER SCAT. CLOUDS INST. NO. 96716

NOTES BY G.E. DREIER DATE 5-3-71 TIME 9:10 to 9:15 ROD NO. 95 & 96

INDEXED C. J. GALLO DATE NOTES CHKD. REH DATE JUN 1 71

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. 3-17B TO B.M. 3-17A
B.M. 3-17B									B.M. 3-17B (B.M. #2
									WHITTIER BLVD. & 1ST
1	179	220	480 5	190 168 22	176	576	477 5	187 165 22	SEE F.B. 1204-216
								22	
	176	576						44	⊼ J. MALDONADO
	+ 2	644							
B.M. 3-17A									B.M. 3-17A (B.M. WZ 451)
									WHITTIER BLVD. & 1ST
									SEE F.B. 1204-216

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 B.M. 3-17A TO B.M. 3-17B
B.M. 3-17A													B.M. 3-17A (WZ 451)
													WHITTIER BLVD & FIRST AVE
1	174	802	475	5	184 / 164	10	177	456	478	5	187 / 167	10	SE F.B. 1204-216
												10	⊼ J. MALDONADO
							174	802				20	
B.M. 3-17B							2	654					B.M. 3-17B. (BM. 2)
													WHITTIER BLVD. & FIRST AVE
													SEE F.B. 1204-216

WEATHER CLEAR INST. NO 96716

TIME 10:05 TO 10:10 ROD NO 9589

NOTES CHKD RCH DATE JAN 3 71

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

SURVEY BY DREIER NOTES G.E. DREIER 5-3-71

INDEXED J. GALD DATE

4113 118

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

F.B. 4113 PG. 119

SURVEY BY G.E. DREIER WEATHER SCAT. CLOUDS INST. NO. 96716

NOTES BY G.E. DREIER DATE 5-3-71 TIME 9:15 TO 9:20 ROD NO. 95 & 96

INDEXED [redacted] J. GALLI DATE NOTES CHKD. REH DATE [redacted] 3 71

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. 3-17A TO B.M. 3-17
M.3-17A									B.M. 3-17A (WZ 451
									WHITTIER BLVD. & 1ST
1	163	493	464 5	168 158 10	191	368	492 5	196 186 10	SEE F.B. 1204-216
								10	
					163	493			π J. MALDONADO
					27	875		20	
B.M. 3-17									B.M. 3-17
									WHITTIER BLVD. & 1ST
									SEE F.B. 1204-21

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 3-17 TO BM. 3-17A
B.M. 3-17													B.M. 3-17
													WHITTIER BLVD. & 1ST AVE
1	191	251	492	5	195 187	8	163	372	464	5	167 159	8	SEE F.B. 1204 - 21
	163	372										8	⊼ J. MALDONADO
												16	
B.M. 3-17A	+27	879											B.M. 3-17A (WZ 451)
													WHITTIER BLVD & FIRST AVE
													SEE F.B. 1204-216

WEATHER CLEAR 70° INST. NO 9671

TIME 10:00 ROD NO 9589

NOTES CHKD RE DATE JUN 1

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

SURVEY BY DREIER NOTES G.E. DREIER 5-3-71

INDEXED G. J. GALL 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
SURVEY BY G.E. DREIER WEATHER CLEAR 76°
NOTES BY G.E. DREIER DATE 5-3-71 TIME 10:10 TO 10:40 INST. NO 26716
INDEXED J.L. GALLI DATE NOTES CHKD K.E.H. DATE JUN 1 71 ROD NO 258
F.B. 4113 PG. 124

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 3-17 TO B.M. 38-1
B.M. 3-17													B.M. 3-17
1	298	939	599	5	298 / 268	60	77	221	378	5	108 / 46	62	WHITTIER BLVD. & FIRST AVE
													SEE F.B. 1204-21
2	220	840	521	5	253 / 187	66	64	082	365	5	98 / 30	68	
						126						130	T. J. MALDONADO
3	224	666	525	5	252 / 196	56	81	437	382	5	107 / 55	52	
						182						182	
4	225	913	526	5	257 / 193	64	68	160	369	5	100 / 36	64	
						246					97	246	
5	248	562	549	5	280 / 216	64	66	738	367	5	35	62	
						310						308	
6	270	763	571	5	307 / 234	63	13	430	314	5	148 / 13	70	
						373						378	
7	254	701	555	5	279 / 229	50	104	644	405	5	128 / 80	48	
						423 ✓						426 ✓	
B.M. 38-1												423	B.M. 38-1
	1744	384 ✓					475	712 ✓				847	WHITTIER BLVD. & VALLEY HOME AVE.
	475	712											SEE F.B. 1359-7
	+1268	672 ✓											

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. 38-1 TO B.M. 3-17
B.M. 38-1	3 7								B.M. 38-1
1	36	562	337 5	1/2 77 36 82	300	234	601 5	1/2 300 260 80	WHITTIER BLVD. & VALLEY HOME A
									SEE F.B. 1359-7
2	8	652	309 5	1/2 46 8 76	275	844	576 5	1/2 275 237 76	
				158				156	
3	68	433	369 5	108 28 80	271	440	572 5	1/2 271 230 82	T = MALDONADO
				238				238	
4	46	601	347 5	86 6 80	245	953	546 5	285 207 76	
				318				314	
5	50	949	351 5	87 13 74	235	869	536 5	274 196 78	
				392				392	
6	115	387	416 5	132 98 34	266	071	567 5	282 250 32	
				√426				√424	
B.M. 3-17								426	B.M. 3-17
	√326	584			√1695	411		√850	WHITTIER BLVD. & FIRST ST.
					326	584			SEE F.B. 1204-21
					√-1268	827			

T = 62°

WEATHER OVERCAST INST. NO. 9671[illegible]

TIME 10:45 TO ROD NO. 95896

NOTES CHKD. RSB DATE [illegible] 71

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN - 5-12-71

INDEXED J. GALLI DATE

4113 PG. 122

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 WEATHER SCAT. CLOUDS INST. NO. 26716
NOTES BY G.E. DREIER DATE 5-3-71 TIME 11:40 TO 11:30 ROD NO. 95 & 96
INDEXED L. GALLI DATE NOTES CHKD DATE
F.B. 4113 PG. 123

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 38-1 TO B.M.
B.M. 38-1													B.M. 38-1
1	299	238	600	5	299 / 265	68	55	851	356	5	88 / 22	66	WHITTIER BLVD. & VALLEY HOME AVE
											113		SEE F.B. 1359-7
2	252	140	553	5	252 / 219	66	78	162	379	5	45	70	
					249	134					79	136	↑ R. SIEMANN
3	249	330	550	5	220	58	49	630	350	5	19	60	
					264	192					120	196	
4	234	282	535	5	204	60	91	281	392	5	62	58	
					258	252					135	254	
5	228	999	529	5	198	60	105	389	406	5	75	60	
					223	312					194	314	
6	193	490	494	5	163	60	165	841	466	5	134	60	
					204	372					224	374	
7	161	036	462	5	118	86	182	790	483	5	140	84	
					165	458					233	458	
8	132	999	433	5	99	66	200	292	501	5	167	66	
					210	524					194	524	
9	199	578	500	5	188	22	183	112	484	5	172	22	
						546						546	
B.M.												546	
	1951	092					1112	348				1092	T.B.M.
	1112	348											WHITTIER BLVD. & HACIENDA
	+838	744											N.W. COR., RAM SET IN CENTER OF CATCH BASIN AT MIDDLE OF CURB RETURN

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 T.B.M. TO B.M. 38-1
T.B.M.									T.B.M.
1	194	330	495 5	228 160 68	129	224	430 5	165 93 72	WHITTIER BLVD. & HACIENDA BLVD (RD)
2	203	773	504 5	248 158 90	170	002	471 5	216 124 92	N.W. COR, RAM SET IN CENTER OF CATCH BASIN AT MIDDLE OF CURB
3	143	330	444 5	189 158 97 92	240	448	541 5	291 164 189 102	RETURN
4	35	251	336 5	87 250 35½ 104	298	793	599 5	298 266 257½ 82	K-Siemann
5	26	060	327 5	74 354 26½ 96	270	560	571 5	270 348 223½ 94	
6	27	371	328 5	68 450 27½ 82	298	300	599 5	298 442 255½ 186	
7	139	860	440 5	143 532 135 8	201	717	502 5	205 528 197 8	
				√ 540				√ 536	
								540	
	√ 766 9	975		√	1609	044		√ 1076	
					768	975			
				√	849 3	069			
BM38-1									BM 38-1
									Whittier Blvd. & Valley Home Av.
									F.B. 1359-7

T-62°

WEATHER Overcast INST. NO 26716

TIME 10:05 to 10:40 ROD NO 95896

NOTES CHKD RCH DATE JAN 1 71

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

SURVEY BY DREIER NOTES Maldonado 5-12-71

INDEXED J. GALLI DATE

4113 PG. 124

3/68 5268 LACE # 308 8/68

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

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-640
SURVEY BY G.E. Dreier DATE 5-12-71 TIME 11:30 to 12:15 WEATHER Overcast INST. NO 86716
NOTES BY Maldonado ROD NO 95696
INDEXED R.L. CALL DATE NOTES CHKD K.E.A. DATE JN 1 '71
F.B. 4113 PG. 125

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 38-1 TO T.B.M.
BM 38-1													38-1
					290						86		Whittier Blvd. & Valley Home Ave.
1	290	970	591	5	257	66	53	713	354	5	20	66	SEE F.B. 1359-7
					271						127		
2	271	839	572	5	233	76	91	618	392	5	55	72	
					301½	142					45½	138	
3	301	999	602	5	254½	94	3	241	304	5	3½	84	RERUN
					262	236					120	222	T-Siemann
4	225	910	526	5	188	~~74~~	78	932	379	5	36	84	
					252	~~330~~ 310					184	306	
5	213	265	514	5	174	78	145	378	446	5	106	78	
					183	~~388~~					244	384	
6	143	970	444	5	103	80	202	160	503	5	160	84	
					206	468					240	468	
7	168	999	469	5	130	76	202	832	503	5	164	76	
						√544						√544	
												544	
	√1616	952				√	777	874				√1088	
	777	874											
	√1839	078											
T.B.M.													B.M. T.B.M. Whittier Blvd. & Hacienda Blvd., Ram Set in center of Catch Basin in middle curb return. See F.B.

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER PART CLOUDY, 66°
NOTES BY G.E. DREIER DATE 5-3-71 TIME 11:30 TO ROD NO. 25 & 96
INDEXED G.J. GALLI DATE NOTES CHKD R.E.H. DATE JUN 1 '71
F.B. 4113 PG. 127 INST. NO. 26716

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM T.B.M. TO B.M. 38-2
T.B.M.				277				79	T.B.M.
1	255	580	556	5 233 44	57	000	358	5 35 44	WHITTIER BLVD. & HACIENDA BLVD.,
				300				38	N.W. COR., RAM SET IN CENTER OF
2	300	968	601	5 277 46	17	185	318	5 17 72	CATCH BASIN AT MIDDLE OF CURB RETURN
				293 90				52 86	
3	293	240	594	5 270 46	29	305	330	5 6 46	
				301 136				54 132	
4	301	348	602	5 278 46	29	146	330	5 4 50	T R. SIEMANN
				292 182				33 182	
5	292	904	593	5 269 46	10	929	311	5 10 46	
				307 228				40 228	
6	288	000	589	5 269 38	22	889	323	5 4 36	
	279	638	580	300 266				264	
7	~~638~~	~~580~~	~~258~~	5 258 42	56	330	357	5 35 42	
				277 308				306	
8	253	559	554	5 229 48	78	418	379	5 54 48	✓
				356				354	
B.M. 38-2			✓					356	B.M. 38-2 ✓
	2265	237			301	202	✓	710	HACIENDA BLVD. & L.A.-ORANGE CO. LINE
	301	202	✓						SEE F.B. 3709-51
	+1964	035							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 38-2 TO T.B.M.
B.M. 38-2									B.M. 38-2
1	65	989	366 5	92 38 54	263	210	564 5	288 238 50	HACIENDA BLVD. & L.A.-ORANGE CO. LINE
									SEE F.B. 3709-51
2	4	299	305 5	32 1/2 4 56	294	863	595 5	294 270 1/2 48	
				110				98	
3	4	100	305 5	23 1/2 4 38	293	614	594 5	293 270 1/2 46	
				148				144	
4	15	601	316 5	37 1/2 15 44	290	831	591 5	290 268 1/2 44	
				192				188	π-Siemann
5	28	151	329 5	50 6 44	283	564	584 5	309 259 50	
				236				238	
6	6	570	307 5	30 1/2 6 48	284	911	585 5	284 260 1/2 48	
				284				286	
7	10	209	311 5	32 1/2 10 44	271	603	572 5	292 250 42	
				328				328	
8	93	458	394 5	106 80 26	210	248	511 5	223 197 26	
				√354				√354	
								354	
	228	377 √			2192	844 √		√708	
					228	377			
					1964	467 √			
									T.B.M.
T.B.M.									Hacienda Blvd. & Whittier Blvd.
									Ram Set in Center of Catch Basin
									@ middle of curb return
									see F.B.

F.B. 4113 PG. 128 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET 5-12-71

SURVEY BY DREIER NOTES G.E. DREIER, Maldonado

INDEXED J. GAN DATE

WEATHER Overcast INST. NO. 96716

TIME 9:25 to 10:00 ROD NO. 95 & 96

NOTES CHKD. RE H DATE JAN 1 '71

T-640

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM T.B.M TO BM38-2
T.B.M.													T.B.M
1	299	250	600	5	299 1/2 / 269 1/2	60	12	780	313	5	41 1/2 / 12 1/2	58	Whittier Blvd. & Hacienda Blvd.
													Ram Set center of Catch Basin
2	292	759	593	5	292 1/2 / 271 1/2	42	26	180	327	5	46 / 6	40	in middle of Curb Return
						102						98	
3	294	838	595	5	294 1/2 / 269 1/2	50	9	158	310	5	35 1/2 / 9 1/2	52	
						152						150	
4	299	392	600	5	299 1/2 / 275 1/2	48	9	551	310	5	34 1/2 / 9 1/2	50	Re-Run
						200						200	
5	300	570	601	5	300 1/2 / 276 1/2	48	5	085	306	5	27 1/2 / 5 1/2	44	T-Siemann
						248						244	
6	294	013	595	5	294 1/2 / 273 1/2	42	21	061	322	5	46 1/2 / 21 1/2	50	
						290						294	
7	277	014	578	5	299 / 255	44	85	628	386	5	104 / 66	38	
						334						332	
8	232	080	533	5	244 / 220	24	156	329	457	5	167 / 145	22	
					√	358					√	354	
												358	
√	2289	916				√	325	772			√	712	
	325	772											
√	1964	144											
BM38-2													
													BM38-2
													Hacienda Blvd. & L.A.-Orange Co. Line
													See F.B. 3709-51

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 5-13-71 WEATHER Overcast INST. NO. 96716

INDEXED C.J. GALLI DATE TIME 8:35 to ROD NO. 95 & 96

NOTES CHKD. REH DATE JUL 1 71

F.B. 4113 PG. 129

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 38-2 TO T.B.M.
BM 38-2									BM 38-2
1	41	999	342 5	72 / 41½ 62	298	319	599 5	298 / 268 60	Hacienda Blvd. & L.A.-Orange Co. Line
2	29	511	330 5	54 / 4 50	296	458	597 5	296 / 272½ 48	See F.B. 3709-51
3	7	403	308 5	27 / 7½ 112 / 40	294	100	595 5	294 / 273½ 108 / 42	
4	23	342	324 5	44 / 2 152 / 42	255	080	556 5	276 / 234 150 / 42	Re-Run
5	8	975	309 5	30 / 8½ 194 / 44	299	410	600 5	299 / 275½ 192 / 48	K-Siemann
6	24	519	325 5	46 / 2 238 / 44	252	362	553 5	273 / 231 240 / 42	
7	10	848	311 5	31 / 10½ 282 / 42	278	910	579 5	298 / 258 282 / 40	
8	88	653	389 5	104 / 72 324 / 32	225	000	526 5	241 / 209 322 / 32	
				√356				√354	
								356	
	√235	250			√2199	639		√710	
					235	250			
					√-1964	389			
T.B.M.									T.B.M. Hacienda Blvd. & Whittier Blvd. Ram Set in Center of Catch Basin @ middle of curb return See F.B.

F.B. 4113 PG. 130 JOB NO. 0301.05

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-13-71

INDEXED J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 9:10 to ROD NO. 95696

NOTES CHKD REA DATE

T-60°

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 T.B.M. TO B.M. 38-2
B.M.	5								T.B.M.
1	216	190	517 5	233 199 34	34	452	335 5	54 14 40	WHITTIER BLVD. & HACIENDA BLVD.
									SEE F.B.
2	293	261	594 5	1/2 293 270 46	40	687	341 5	60 20 40	
				80				80	2nd RERUN
3	289	983	590 5	1/2 289 263 52	11	216	312 5	1/2 36 11 50	MALDONADO
				132				130	
4	298	980	599 5	1/2 298 272 52	6	188	307 5	1/2 30 6 48	
				184				178	
5	298	629	599 5	1/2 298 270 56	5	119	306 5	1/2 27 5 44	
				240				222	
6	287	961	588 5	1/2 287 267 40	4	543	305 5	1/2 26 4 44	
				280				266	
7	250	233	551 5	266 234 32	35	095	336 5	61 9 52	
				312				318	
8	258	511	559 5	281 235 46	92	351	393 5	112 72 40	
				√ 358				√ 358	
.M. 38-2								358	B.M. 38-2
	√ 2193	748		√	229	651		√ 716	HACIENDA BLVD. & LA./OR. CO. LINE.
	229	651							SEE F.B. 3709-51
	√+ 1964	097							

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

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

NOTES BY SIEMANN DATE 5-13-71 TIME 9:50 TO 10:25 ROD NO. 95 & 9

INDEXED J. GALLI DATE NOTES CHKD REA DATE JUL 1 '71

F.B. 4113 PG. 131

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 38-2 TO T.B.M.
B.M. 38-2									B.M. 38-2
1	71	600	372 5	99 43 56	254	841	555 5	276 232 44	HACIENDA BLVD. & LA/ORG. CO. LIN
									SEE F.B. 3709-51
2	28	929	329 5	49 7 42	289	839	590 5	1/2 289 263 52	
				98				96	
3	5	298	306 5	1/2 24 5 38	279	884	580 5	1/2 279 258 42	
				136				138	2nd RERUN
4	15	620	316 5	1/2 36 15 42	272	179	573 5	292 252 40	⊼ = MALDONADO
				178				178	
5	20	774	321 5	1/2 42 20 44	284	327	585 5	306 262 44	
				222				222	
6	19	800	320 5	1/2 42 19 46	274	020	575 5	296 252 44	
				268				266	
7	13	639	314 5	1/2 36 13 46	~~280~~ 279	959	580 5	302 256 46	
				314				312	
8	8	283	309 5	1/2 28 8 40	213	210	514 5	234 192 42	
				√ 354				√ 354	
T.B.M.								354	T.B.M.
	√ 183	943			√ 2148	259		√ 708	WHITTIER BLVD. & HACIENDA BLVD.
					183	943			SEE F.B.
					√ − 1964	316			

T = 64°

WEATHER OVERCAST INST. NO. 96716

TIME 10:30 TO 11:00 ROD NO. 9509

NOTES CHKD. RPA DATE JUN 1 71

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-13-71

INDEXED C. J. GALLI DATE

4113 132 JOB NO. 0301.02

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 38-2 TO BM 38-3
BM 38-2									BM 38-2
1	301	511	602 5	1 301 / 2 275 52	17	033	318 5	1 43 / 2 17 52	Hacienda Blvd & L.A.-Orange
									County Line
2	292	400	593 5	1 292 / 2 271 42	21	160	322 5	1 44 / 2 21 46	See F.B. 3709-51
				94				98	
3	300	058	601 5	1 300 / 2 280 40	26	060	327 5	48 / 4 44	
				134				142	
4	288	633	589 5	302 / 274 28	59	558	360 5	71 / 47 24	T- R. SIEMANN
				162				166	
5	293	470	594 5	309 / 279 28	23	171	324 5	35 / 11 24	
				190				190	
6	286	421	587 5	299 / 273 26	31	360	332 5	46 / 16 30	
				216				220	
7	300	600	601 5	1 300 / 2 285 30	10	232	311 5	1 22 / 2 10 24	
				246				244	
8	287	130	588 5	1 287 / 2 241 92	60	619	361 5	108 / 12 96	
				338				340	
9	203	539	504 5	237 / 169 68	76	212	377 5	112 / 40 72	
				406				412	
10	76	232	377 5	110 / 42 68	195	920	496 5	230 / 164 62	
				474				474	
BM 38-3								474	B.M. 38-3
	2629	994			521	325		948	HACIENDA BLVD. & WEST RD.
	521	325							F.B. 1359-9
	+2108	669							

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

SURVEY BY G.E. Dreier

NOTES BY G.E. DREIER DATE 5-3-71

INDEXED G.J. GALLI DATE

WEATHER Showers Cloudy

TIME 1:35

NOTES CHKD RE

INST. NO. 96716

ROD NO. 95 & 96

DATE 1-71

F.B. 4113 PG. 133

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO 96716 ROD NO 95892 DATE JAN 1 71

WEATHER Hazy Sun TIME 3:05 to 3:30 NOTES CHKD R.E.M.

T-76°

JOB NO 030102 DATE 5-11-71

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES M3 Idomeo

INDEXED C. I. GALLI

7113 134

STATION	BACKSIGHT				STADIA		FORESIGHT				STADIA		DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.				RIGHT	MIC.	LEFT.				FROM B.M. 38-3 TO B.M. 38-2
B.M. 38-3													B.M. 38-3
1	181	320	482	5	213 149	64	72	109	373	5	105 39	66	HACIENDA BLVD. & WEST RD (W. WHITTIER)
													SEE F.B. 1359-9
2	108	877	409	5	141 75	66	203	428	504	5	235 171	64	
3	117	031	418	5	153 81	130 72	263	641	564	5	298 228	130 70	
	~~81~~	~~250~~											
4	81	250	382	5	106 ~~86~~ 86	202 ~~130~~ 252	289	462	590	5	289 266½	200 46	X-Siemann
5	30	400	331	5	42 18	24	295	181	596	5	295½ 280½	246 30	
6	6	901	307	5	221 6½	276 32	298	640	599	5	298½ 283½	276 30	
7	5	401	306	5	201 5½	308 30	296	909	597	5	296½ 280½	306 32	
8	13	011	314	5	341 13½	338 42	298	789	599	5	298½ 277½	338 42	
9	11	662	312	5	351 11½	380 48	276	609	577	5	300 252	380 48	
10	35	032	336	5	54 16	428 38	257	029	558	5	276 238	428 38	
11	105	269	406	5	115 95	466 20	253	410	554	5	263 243	466 20	
					√486						√486	486	
	√696	154				√	2805	207			√972		BM 38-2
BM 38-2							696	154					Hacienda Blvd. & L.A.-Orange County Line
							2809	053					See F.B. 3709-51

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-70
SURVEY BY G.E. Dreier DATE 5-12-71 WEATHER Hazy Sun INST. NO. 8676
NOTES BY Maldonado TIME 1:45 46 ROD NO. 95 & 96
INDEXED G.J. Gatti DATE NOTES CHKD DATE JUN 1 '71
F.B. 4113 PG. 135

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 38-2 TO BM 38-3 RERUN
BM 38-2					296.1						36.1		BM 38-2
1	296	478	597	5	270½	52	10	390	311	5	10½	52	Hacienda Blvd & L.A.-Orange
					290.1						30.1		County Line
2	290	131	591	5	269½	42	8	023	309	5	8½	44	F.B. 3709-51
					299.1	94					44	96	
3	299	370	600	5	276½	46	21	561	322	5	-2	46	
					305	140					62	142	Re-Run
4	294	770	595	5	283	22	51	641	352	5	40	22	
					299.1	162		417			21.1	164	T-Siemann
5	299	677	600	5	283½	32	7	490	308	5	7½	28	
					300	194					49	192	
6	286	709	587	5	272	28	35	942	336	5	21	28	
					301.1	222					20.1	220	
7	301	961	602	5	286½	30	5	310	306	5	5½	30	
					257	252					121	250	
8	228	971	529	5	199	58	92	559	393	5	63	58	
					230	310					134	308	
9	200	221	501	5	170	60	104	441	405	5	74	60	
					212	370					162	368	
10	185	612	486	5	158	54	136	159	437	5	110	52	
					118	424					222	420	
11	89	091	390	5	60	58	191	227	492	5	160	62	
					√	482					√	482	
												482	BM 38-3
BM 38-3	√2772	991				√	664	670			√	964	Hacienda Blvd & West Rd.
	-664	670											F.B. 1359-9
	√2108	321											

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. 4113 PG. 136 JOB NO 0301.02
SURVEY OF L.A.Co. Precise Level Net
SURVEY BY Dreier NOTES Maldonado 5-12-71
INDEXED C. J. GALT DATE
WEATHER Hazy Sun INST. NO 96716
TIME 2:50 to 3:30 ROD NO 95582
NOTES CHKD R.S.H. DATE JUN 1 '71
T-76°

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM38-3 TO BM38-2
B.M 38-3					228						110		BM 38-3
1	193	998	494	5	158	70	74	071	375	5	38	72	Hacienda Blvd. & West Rd.
					125						236		F.B. 1359-9
2	94	735	395	5	63	62	205	961	506	5	174	62	
					154	132					274	134	
3	123	232	424	5	92	62	244	113	545	5	214	60	
					126	194					294,	194	Re-Run
4	101	481	402	5	76	50	299	958	600	5	276½	46	
					18½	244					282	240	K-Siemann
5	5	902	306	5	5½	26	269	769	570	5	256	26	
					44	270					306	266	
6	28	525	329	5	12	32	293	908	594	5	280	26	
					32	302					299,	292	
7	18	122	319	5	4	28	299	425	600	5	284½	30	
					20½	330					302	322	
8	6	040	307	5	6½	28	284	982	585	5	266	36	
					58	358					296,	358	
9	36	190	337	5	14	44	296	391	597	5	273½	46	
					45	402					295	404	
10	24	829	325	5	3	42	295	140	596	5	276½	38	
					93	444					272	442	
11	76	628	377	5	59	34	254	650	555	5	236	36	
						478						478	
												478	BM 38-2
	708	682					2818	368				956	Hacienda Blvd. & L.A.-Orange
	9						709	682					County Line
BM 38-2													F.B. 3709-5-1
							2108	686					
							2108	686					

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-66°

SURVEY BY G.E. Dreier

NOTES BY SIEMANN DATE 5-3-71

INDEXED O.J. GALLI DATE

WEATHER LT. WIND CLOUDS

TIME 2:25 TO 3:30

NOTES CHKD REH DATE JUN 1 '71

INST. NO. 96716

ROD NO. 95-E96

F.B. 4113 PG. 137

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM38-3 TO BM38-4
BM38-3													BM38-3
1	244	678	545	5	269 / 219	50	70	463	371	5	95 / 45	50	HACIENDA BLVD. & WEST RD.
													SEE F.B. 1359-9
2	285	270	586	5	304 / 266	38	5	457	306	5	1/2 21 / 5	32	
						88						82	
3	264	436	565	5	281 / 247	34	13	982	314	5	1/2 34 / 13	42	
						122						124	
4	280	024	581	5	290 / 270	20	34	450	335	5	44 / 24	20	
					30	144						144	π = DREIER
5	294	627	595	5	293 / 285	18	27	155	328	5	36 / 18	18	
						162						162	
6	270	898	571	5	282 / 258	24	38	472	339	5	50 / 26	24	
						186						186	
7	298	821	599	5	1/2 298 / 283	30	5	288	306	5	1/2 19 / 5	28	
						216						214	
8	253	040	554	5	266 / 240	26	6	005	307	5	1/2 19 / 6	26	
						242						240	
9	294	225	595	5	305 / 283	22	5	755	306	5	1/2 15 / 5	20	
						264						260	
10	294	734	595	5	304 / 284	20	4	351	305	5	1/2 14 / 4	20	
						284						280	
11	275	232	576	5	286 / 264	22	10	001	311	5	22 / -2	24	
						306						304	
12	289	095	590	5	299 / 279	20	9	621	310	5	20 / -2	22	
						326						326	
13	266	467	567	5	283 / 249	34	100	005	401	5	119 / 83	36	
						360						362	
14	212	607	513	5	218 / 206	12	109	540	410	5	113 / 103	12	
						370						374	
B.M.38-4	3824	154					440	545				370	B.M.38-4
	440	545										744	HACIENDA BLVD. & ENCANADA DR.
	+3383	609											SEE F.B. 3709-55

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 38-4 TO B.M. 38-3
B.M. 38-4					59			86			301		B.M. 38-4
1	45	408	346	5	33	26	287	676	588	5	273	28	HACIENDA BLVD. & ENCANADA DR.
					33						304		SEE F.B. 3709-55
2	22	923	323	5	11	22	294	762	595	5	284	20	
					22	48					292	48	
3	13	513	314	5	4	18	283	850	584	5	274	18	
					19	66					301½	66	K-Dreier
4	9	127	310	5	-1	20	301	596	602	5	292½	18	
					49	86					306	84	
5	35	063	336	5	21	18	294	828	595	5	282	24	
					18½	104					286	108	
6	5	072	306	5	5	26	275	483	576	5	264	22	
					66	130					296½	130	
7	52	040	353	5	38	28	296	041	597	5	282½	28	
					37	158					288	158	
8	27	730	328	5	17	20	277	833	578	5	266	22	
					76	178					300½	180	
9	64	440	365	5	52	24	300	247	601	5	289½	22	
					15½	202					303	202	
10	5	950	306	5	5½	20	293	447	594	5	283	20	
					58	222					251	222	
11	47	041	348	5	36	22	240	869	541	5	229	22	-4004.222
					68	244					250	244	620.570
12	55	945	356	5	42	26	236	307	537	5	222	244	
					52	270					241	272	-3383.652
13	41	274	342	5	30	22	230	882	531	5	219	22	
					102	292					235	294	
14	83	450	384	5	64	38	217	151	518	5	199	36	
					120	330					182	330	BM 38-3
15	111	594	412	5	102	18	173	250	474	5	164	18	Hacienda Blvd. & West Rd.
						348						348	F.B. 1359-9
BM 38-3	620	570					4004	222				348	
												696	

T-76°

WEATHER Overcast INST. NO. 96716

TIME 2:05 to 3:05 ROD NO. 95896

NOTES CHKD. REH DATE JUN 1 '71

JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 5-11-71

INDEXED J. GALL DATE

415 138

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. 38-4 TO B.M. 38-4A
B.M. 38-4									B.M. 38-4
1	169	223	470 5	172 166 6	163	668	464 5	166 160 6	HACIENDA BLVD. & ENCANADA DR.
								6	SEE F.B. 3709-55
								12	
	163	668							π = DREIER
B.M. 38-4A	+ 5	555							B.M. 38-4A
									HACIENDA BLVD. & ENCANADA DR.
									SEE F.B. 3709-55
				Re-run					
		2:00	Hazy Sun			5-11-71	T- 78°		BM 38-4
BM 38-4									Hacienda Blvd. & Encanada Dr.
								159	F.B. 3709-55
1	162	282	463 5	165 159 6	156	850	457 5	143 6	
	156	850						6	π-Dreier
	+ 5	432						12	BM 38-4A
M 38-4A									Hacienda Blvd. & Encanada Dr.
									F.B. 3709-55

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 56°

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 5-4-71 WEATHER OVERCAST INST. NO. 96716

INDEXED G. I. GAUTT DATE TIME 8:55 TO 8:00 ROD NO. 95896

NOTES CHKD REH DATE JUN 1 71

F.B. 4113 PG. 139

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 38-4A TO BM 38-4
B.M. 38-4A					154						160		B.M. 38-4A
1	151	083	452	5	148	6	156	530	457	5	152	8	HACIENDA BLVD & ENCANADA DR
													SEE F.B. 3709-55
							151	083				6	π-Dreier
							-5	447				14	
B.M. 38-4													B.M. 38-4
													HACIENDA BLVD. & ENCANADA DR.
							Re-Run						SEE F.B. 3709-55
		1:55	Hazy Sun						5-11-71 T:78°				
BM 38-4A					160						166		BM 38-4A
1	157	668	458	5	154	6	163	113	464	5	160	6	Hacienda Blvd. & Encanada Dr.
							157	668					F.B. 3709-55
							-5	445				6	
												12	π-Dreier
BM 38-4													BM 38-4
													Hacienda Blvd. & Encanada Dr.
													F.B. 3709-55

REA JUN 1 '71

T-74°

WEATHER Hazy Sun INST. NO 96716

TIME 1:45 to 1:50 ROD NO 9589

NOTES CHKD REA DATE JUN 1 '71

4113 140 JOB NO 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 5-11-71

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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403 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 T=56°
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 96716
NOTES BY SIEMANN DATE 5-4-71 TIME 9:00 TO 10:05 ROD NO. 95 & 96
INDEXED J. GALLI DATE NOTES CHKD. DATE
F.B. 4113 PG. 141

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA	FORESIGHT RIGHT	MIC.	LEFT.		STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 38-4A TO B.M. 38-5
B.M. 38-4A											B.M. 38-4A
1	262	385	563	5	247 30	33	706	334	5	18 30	HACIENDA BLVD. & ENCANADA DR.
											SEE F.B. 3709-55
2	300	015	601	5	284 32	13	305	314	5	2 30	
					62					60	
3	277	708	578	5	264 26	16	327	317	5	1 30	
					88					90	
4	297	141	598	5	279 36	56	169	357	5	39 34	
					124					124	
5	296	081	597	5	274 44	4	303	305	5	4 38	
					168					162	
6	300	942	601	5	284 32	6	580	307	5	6 28	T = DREIER
					200					190	
7	288	061	589	5	277 22	5	750	306	5	5 26	
8	270	048	571	5	261 16	14	740	315	5	28 216	+ 4797.880 460
					238					244	- 462.660 460
9	299	387	600	5	285 28	24	670	325	5	12 24	+ 4335.220 920
					266					268	
10	298	130	599	5	280 26	5	366	306	5	5 38	
					294					306	
11	278	911	579	5	259 38	19	133	320	5	6 26	
					332					332	
12	243	338	544	5	227 32	77	305	378	5	61 32	
					364					364	
13	299	521	600	5	281 36	9	595	310	5	9 30	
					400					394	
14	292	313	593	5	284 16	6	398	307	5	6 18	
					416					412	
15	272	998	573	5	266 28	21	955	322	5	13 28	B.M. 38-5
16	276	740	577	5	260 20	29	052	330	5	19 20	HACIENDA BLVD. & CANADA SOMBRERA
					248					248	
17	244	161	545	5	238 12	118	306	419	5	112 12	SEE F.B. 1359-11
B.M. 38-5	4797880				√ 460	462660				√ 460	

T-64°

WEATHER Overcast INST. NO 96716
TIME 11:15 to 12:20 ROD NO 95896
NOTES CHKD RE A DATE JUL 1 '71

SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES Maldonado 5-11-71
INDEXED J. GALL DATE

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM.38-5 TO B.M.38-4A
BM 38-5													B.M.38-5
1	38	798	339	5	49 1/2 / 38 1/2	22	297	413	598	5	297 1/2 / 286 1/2	22	HACIENDA BLVD. & CAÑADA Sombr. Rd.
2	6	748	307	5	15 / -3	18	301	710	602	5	301 1/2 / 291 1/2	20	See F.B. 1359-11
3	11	773	312	5	22 / 0	40 / 22	271	150	572	5	281 / 261	42 / 20	
4	7	100	308	5	20 1/2 / 7 1/2	62 / 26	285	091	586	5	296 / 274	62 / 22	
5	19	796	320	5	39 / -1	88 / 40	275	065	576	5	298 / 252	84 / 46	T-Dreier
6	3	179	304	5	25 1/2 / 3 1/2	128 / 44	298	675	599	5	298 1/2 / 277 1/2	130 / 42	
7	9	272	310	5	26 1/2 / 9 1/2	156 / 172	301	998	602	5	301 1/2 / 285 1/2	172 / 32	
8	9	660	310	5	22 1/2 / 9 1/2	34 / 206 / 26	296	343	597	5	306 / 286	204 / 20	
9	11	582	312	5	24 / -2	232 / 26	301	062	602	5	301 1/2 / 287 1/2	224 / 28	
10	3	902	304	5	15 1/2 / 3 1/2	258 / 24	296	083	597	5	296 1/2 / 184 1/2	252 / 24	
11	14	628	315	5	29 / -1	282 / 30	290	854	591	5	305 / 275	276 / 30	
12	15	065	316	5	33 1/2 / 15 1/2	312 / 36	275	726	576	5	295 / 255	306 / 40	
13	31	473	332	5	50 / 12	348 / 38	301	841	602	5	301 1/2 / 285 1/2	346 / 32	
14	34	540	335	5	48 / 20	386 / 28	290	888	591	5	305 / 275	378 / 30	
15	11	635	312	5	26 1/2 / 11 1/2	414 / 30	301	764	602	5	301 1/2 / 284 1/2	408 / 34	
16	73	332	374	5	84 / 62	444 / 22	251	850	552	5	263 / 239	442 / 24	BM 38-4A
	302	483				466	4637	513				466	Hacienda Blvd. & Encanada D
							-302	483				466	F.B. 3709-55
							4335	030				932	
BM 38-4A													

76P526B CE # 308 8/68

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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 59°

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 5-4-71 WEATHER OVERCAST INST. NO. 96716

INDEXED G. I. GALLI DATE TIME 10:05 ROD NO. 95 & 96

NOTES CHKD R.E.H. DATE JUL 1 71

F.B. 4113 PG. 143

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 38-5 TO B.M. 38-6
B.M. 38-5									B.M. 38-5
1	289	442	590 5	297 281 16	12	322	313 5	23 1 22	HACIENDA BLVD. & CANADA SOMBRE RD
									SEE F.B. 1359-11
2	294	458	595 5	294 ½ 283 22	43	490	344 5	53 33 20	
				38				42	
3	266	112	567 5	276 256 20	27	281	328 5	37 17 20	⊼ J. MALDONADO
				58				62	
4	293	658	594 5	300 286 14	37	762	338 5	44 30 14	
				72				76	
5	293	343	594 5	303 283 20	31	072	332 5	42 20 22	
				92				98	
6	300	374	601 5	300 ½ 289 22	5	279	306 5	16 ½ 5 22	
				114				120	
7	300	534	601 5	300 ½ 292 16	4	060	305 5	10 ½ 4 12	
				130				132	
8	290	470	591 5	299 281 18	11	652	312 5	18 4 14	
				148				146	+ 4928.349
9	295	431	596 5	305 285 20	13	149	314 5	22 4 18	− 359.922
				168				164	+ 4568.427
10	292	539	593 5	299 285 14	15	180	316 5	22 8 14	
				182				178	
11	282	863	583 5	290 274 16	3	350	304 5	12 ½ 3 18	
				198				196	
12	297	898	598 5	304 288 16	4	990	305 5	12 ½ 4 16	
				214				212	
13	277	910	578	286 268 18	15	170	316 5	25 5 20	
				232				232	
14	295	889	596 5	306 284 22	5	646	306 5	14 ½ 5 18	
				254				250	
15	293	268	594 5	300 286 14	3	491	304 5	12 ½ 3 18	
				268				268	B.M. 38-6
16	286	259	587	294 278 16	24	790	325 5	32 16 16	HACIENDA BLVD. & SKY LINE DR.
				284				284	
17	277	901	578	294 260 34	101	238	402 5	118 84 34	SEE F.B. 1359-12
	4928	349 ✓		✓318	359	922 ✓		318	
B.M. 38-6								318	
								636 ✓	

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 38-6 TO B.M. 38-5
B.M. 38-6													B.M. 38-6
1	112	969	413	5	128 96	32	277	713	578	5	293 261	32	HACIENDA BLVD. & SKYLINE DR.
2	5	212	306	5	½ 15 5	20 52	297	069	598	5	307 287	20 52	SEE F.B. 1359-12
3	6	188	307	5	½ 13 6	14	258	611	559	5	266 250	16	
4	4	668	305	5	½ 12 4	66 16 82	276	971	577	5	285 267	68 18 86	⊼ = MALDONADO
5	31	841	332	5	40 22	18 100	282	421	583	5	291 273	18	
6	22	783	323	5	30 14	16 116	286	400	587	5	294 278	104 16 120	
7	5	198	306	5	½ 14 5	18 134	280	808	581	5	289 271	18 138	
8	6	434	307	5	½ 15 6	18 152	297	335	298	5	305 288	16 154	
9	27	401	328	5	36 18	18 170	239	272	540	5	247 231	16 170	
10	5	372	306	5	½ 14 5	18 188	249	218	550	5	258 240	18 188	− 4983.267
11	6	142	307	5	½ 14 6	16 204	285	821	586	5	292 278	14 202	+ 414.869
12	25	598	326	5	32 18	14 218	266	512	567	5	274 258	16 218	− 4568.398
13	9	325	310	5	18 0	18 236	241	698	542	5	250 232	18 236	
14	15	710	316	5	25 5	20 256	295	831	596	5	305 285	20 256	
15	15	849	316	5	23 7	16 272	300	918	601	5	300 291	18 274	
16	40	300	341	5	49 31	18 290	293	458	594	5	304 282	22	
17	8	638	309	5	½ 20 8	24 314	271	821	572	5	280 262	296 18	
18	65	241	366	5	72 58	14 328	281	390	582	5	288 274	314 14 328	B.M. 38-5
B.M. 38-5	√414	869					√4983	267				328 656	HACIENDA BLVD. & CANADA SOMBRE-RI SEE F.B. 1359-11

T 260°

WEATHER OVERCAST INST. NO. 96716

TIME 10:05 TO 11:10 ROD NO. 95894

NOTES CHKD. RE H DATE JUN 1 '71

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-11-71

INDEXED J. GALLI DATE

413 PG. 144

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 5-4-71
INDEXED DATE NOTES CHKD DATE
WEATHER PART CLOUDY 60° INST. NO. 96716
TIME 11:20 ROD NO. 95 & 11
F.B. 4113 PG. 145

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 38-6 TO T.B.M.
B.M. 38-6													B.M. 38-6
1	152	508	453	5	168 136	32	278	760	579	5	294 262	32	HACIENDA BLVD. & SKYLINE DR
2	21	250	322	5	33 9	24 56	282	266	583	5	294 270	24 56	SEE F.B. 1359-12
3	7	368	308	5	½ 17 7	20	259	909	560	5	269 249	20	T J. MALDONADO
4	22	566	323	5	32 12	20 76	264	962	565	5	274 254	20 76	
5	28	402	329	5	38 18	20 98	277	581	578	5	288 266	22 96	
6	5	448	306	5	½ 17 5	24 118	289	988	590	5	302 276	26 118	
7	13	329	314	5	25 1	24 140	265	741	566	5	275 255	20 144	
8	6	282	307	5	½ 18 6	24 164	285	343	586	5	297 273	24 164	
9	7	211	308	5	½ 17 7	20 188	298	609	599	5	298 ½ 287	22 188	
10	9	668	310	5	19 1	208 20 228	274	308	575	5	284 264	210 20 230	
11	13	531	314	5	23 5	20 248	295	916	596	5	307 284	23 253	
12	7	820	308	5	½ 17 7	20 268	291	446	592	5	301 281	20 273	
13	6	899	307	5	½ 16 6	20 288	256	183	557	5	263 248	15 288	
14	4	799	305	5	½ 14 4	20 308	276	513	577	5	286 266	20 308	
15	109	850	410	5	114 104	10 318	145	539	446	5	150 140	10 318	T.B.M. (CHISELED SQ.)
T.B.M.												318 636	
	416931 ✓						4043064 ✓ 416931						
							-3626133 ✓						

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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 T.B.M. TO B.M. 38-6
T.B.M.									T.B.M. (chizeled SQUARE
1	278	007	579 5	290 / 26 24	5	151	306 5	115 / 2 5 20	HACIENDA BLVD. MI. N. OF
									SKYLINE DR.
2	260	028	561 5	268 / 252 16	11	267	312 5	21 / 2 18	SEE F.B.
				40				38	
3	293	912	594 5	303 / 283 20	4	303	305 5	114 / 2 4 20	
				60				58	
4	281	728	582 5	291 / 271 20	20	793	321 5	30 / 10 20	
				80				78	
5	281	221	582 5	291 / 271 20 / 100	15	890	316 5	25 / 5 20 / 98	
6	278	330	579 5	288 / 268 20	12	677	313 5	21 / 3 18	
				120				116	X = MALDONADO
7	261	112	562 5	270 / 252 18	8	815	309 5	120 / 2 8 24	
				138				140	
8	238	759	539 5	249 / 227 22	14	263	315 5	25 / 3 22	
				160				162	
9	258	690	559 5	271 / 245 26	22	560	323 5	34 / 10 24	+ 3985.267
				186				186	
10	274	528	575 5	286 / 262 24	4	492	305 5	14 / 2 4 20	− 359.293
				210				206	√ + 3625.474
11	256	722	557 5	266 / 246 20	9	019	310 5	121 / 2 9 24	
				230				230	
12	241	228	542 5	252 / 230 22	4	341	305 5	15 / 2 4 22	
				252				252	
13	279	739	580 5	289 / 269 20 / 272	19	181	320 5	29 / 9 20 / 272	
14	263	653	564 5	274 / 252 22 / 294	34	650	335 5	46 / 22 24	
								296	
15	237	560	538 5	250 / 224 26	171	891	472 5	183 / 159 24	
				√320				√320	B.M. 38-6
B.M. 38-6								320	HACIENDA BLVD. & SKYLINE DR.
√	3985	267			√359	293		√640	SEE F.B. 1359-12

T = 60°

WEATHER OVERCAST INST. NO. 9671

TIME 9:05 TO 10:00 ROD NO. 9555

NOTES CHKD REK DATE JAN 1 71

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-11-71

INDEXED G. J. GALLI DATE

4113 146 JOB NO. 0301.02

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 70
SURVEY BY G.E. DREIER WEATHER SEAT. CLOUDS INST. NO. 26716
NOTES BY G.E. DREIER DATE 5-4-71 TIME 1:25 TO 2:00 ROD NO. 95 & 96
INDEXED G.J. GALLI DATE NOTES CHKD DATE
F.B. 4113 PG. 142

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM T.BM. TO B.M. 38-7
B.M.											306		T.B.M. CHISELED SQ.
1	4	480	305	5	½ 14 4	20	295	861	596	5	284	22	HACIENDA BLVD. .1 MI. N. OF SKYLINE DR.
											300		
2	12	229	313	5	21 3	18	291	731	592	5	282	18	
						38						40	
3	3	771	304	5	½ 13 3	20	293	400	594	5	302 284	18	J. MALDONADO
						58						58	
4	14	519	315	5	23 5	18	297	602	598	5	307 287	20	
						76						78	
5	4	908	305	5	½ 13 4	18	281	698	582	5	290 272	18	
						94						96	
6	5	571	306	5	½ 16 5	22	299	147	600	5	½ 299 290	18	
						116						114	
7	4	131	305	5	½ 12 4	16	301	282	602	5	301 293	16	
						132						130	
8	151	581	452		157 145	12	243	622	544	5	250 236	14	
						✓144						✓144	
M. 38-7												144	B.M. 38-7
	201	190	✓				2304343		✓			~~144~~	HACIENDA BLVD. .38 MI. N. OF SKYLINE DR.
							201190					✓288	SEE F.B. 3709-6
							-2103153		✓				

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 38-7 TO T.B.M.
B.M. 38-7									B.M. 38-7
1	295	089	596 5	304 286 18	6	450	307 5	1/2 15 6 18	HACIENDA BLVD. MI. N OF
									SKYLINE DR.
2	301	889	602 5	1/2 301 294 14	12 ~~4~~ 5	492	426 5	132 118 14	SEE F.B. 3709-61
				32				32	
3	298	171	599 5	306 291 15	5	621	306 5	1/2 15 5 20	
				47				52	
4	293	871	594 5	302 284 18	25	822	326 5	33 17 16	
				65				68	
5	283	983	584 5	292 274 18	16	793	317 5	25 7 18	π = MALDONADO
				83				86	
6	293	688	594 5	302 284 18	7	606	308 5	1/2 16 7 18	
				101				104	
7	279	681	580 5	288 270 18	20	159	321 5	30 10 20	
				119				124	
8	271	570	572 5	280 262 18	6	697	307 5	1/2 15 6 18	
				√137				√142	
T.B.M.								137	T.B.M. (CHIZIED SQAR
	√2317	942			√21 ~~3~~ 4	640		√279	HACIENDA BLVD.
	21 ~~3~~ 4	640							
	√+210 ~~4~~ 3	302							

1 = 60°

WEATHER OVERCAST INST. NO 9671

TIME 8:30 TO 9:05 ROD NO 9549

NOTES CHKD REH DATE JUN 1 71

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-11-71

INDEXED C.J. GALLI DATE

...4113 ... 148

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-760
SURVEY BY G.E. Dreier WEATHER Overcast INST. NO. 2671
NOTES BY G.J. Galli DATE 5-4-71 TIME 2:00 to 3:00 ROD NO. 95 & 96
INDEXED DATE NOTES CHKD R.E.A. DATE 5-11-71 F.B. 4113 PG. 49

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM38-7 TO BM38-8A
BM38-7					73						297		BM38-7
1	64358	365	5		55	18	289	894	590	5	281	16	Hacienda Blvd. & 0.54 mi N'ly.
					19						301.1		of Skyline Dr.
2	11743	312	5		3	16	301	704	602	5	293.2	16	F.B. 3709-61
					22	34					306	32	
3	14221	315	5		6	16	298	450	599	5	290	16	
					23	50					303	48	
4	15713	316	5		7	16	295	354	596	5	287	16	T-Dreier
5	23461	324	5		31 15	66 16	298	283	599	5	307 289	64 18	
						82					308	82	
6	6418	307	5		15 1/2 6 1/2	18	298	020	599	5	288	20	
					30	100					298	102	
7	19800	320	5		8	20 120	286	910	587	5	274	24 126	
8	6452	307	5		22 1/2 6 1/2	32 152	293	938	594	5	307 279	28	
9	3550	304	5		17 3 1/2	28 180	300	477	601	5	300 287.5	154 26	
					23						298.1	180	
10	11100	312	5		-1	24	298	270	599	5	286.2	24	
11	20957	321	5		32 8	204 24 228	287	648	588	5	298 276	204 22	
					17						298	226	
12	5845	306	5		5 1/2	24	287	982	588	5	276	22	
13	3493	304	5		15 1/2 3 1/2	252 24 276	290	328	591	5	303 277	248 26	
					22						294	274	
14	9913	310	5		9 1/2	26	280	332	581	5	266	28	
15	67485	368	5		82 52	302 30 332	262	229	563	5	278 246	302 32 334	
	284509	✓					3 469	819	✓				

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
							CONT.						FROM BM 38-7 TO BM 38-8A
	284	509				332	4469 3	819				334	
					54						303		
16	35	356	336	5	16	38	284	662	585	5	265	38	
						370						372	
17	10	518	311	5	31 10 1/2	42	298	023	599	5	298 279 1/2	38	
					104	412					224	410	
18	93	329	394	5	82	22	212	174	513	5	200	24	
						434 ✓						434 ✓	
												434	
	423	712 ✓					5064	678				868 ✓	
							423	712					BM 38-8A
BM 38-8A							4640 7	966 ✓					Hacienda Blvd. & Colima Rd.
													F.B. 2888-161 S.E.Co

T-70°

WEATHER Overcast INST. NO. 9671[illegible]

TIME 200 to 3:00 ROD NO. 95[illegible]

NOTES CHKD REA DATE [illegible] 1 '71

F.B. 4113 PG. 150 JOB NO. 0301.02

SURVEY OF LACo. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-[illegible]-71

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 5-10-71

INDEXED C.J. GAULT DATE

NOTES CHKD. REH DATE

WEATHER Sunny & Hazy

TIME 2:00 to

ROD NO. 95 & 9

INST. NO. 9671

F.B. 4113 PG. 151

T-80°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 38-8A TO BM 38-7
BM38-8A					244						30½		BM 38-8A
1	221	993	522	5	198	46	7	220	308	5	7½	46	Hacienda Blvd. & Colima Rd.
~~2~~	~~299~~	~~310~~	~~600~~	~~5~~	~~299½~~ ~~282½~~	~~34~~	~~37~~	~~300~~	~~338~~	~~5~~	~~54~~ ~~20~~	~~34~~	F.B. 2888-161 S.E. Cor.
					291	80					87	80	
3	272	707	573	5	253	38	68	851	369	5	49	38	
					291½	118					69	118	
4	291	735	592	5	272½	38	50	075	351	5	31	38	
					298	156					19½	156	T-Dreier
5	282	616	583	5	266	32	4	685	305	5	4½	30	
					307	188					21½	186	
6	293	850	594	5	279	28	7	656	308	5	7½	28	
					299½	216					28	214	
7	299	195	600	5	286½	26	15	692	316	5	2	26	
					308	242					28	240	
8	296	682	597	5	284	24	17	895	318	5	6	22	
					300	266					21	262	
9	291	831	592	5	282	18	10	183	311	5	-1	22	
					299½	284					21	284	
10	299	198	600	5	288½	22	10	941	311	5	-1	22	
					300½	306					26	306	
11	300	561	601	5	289½	22	14	271	315	5	2	24	
					300½	328					35	330	
12	300	093	601	5	290½	20	25	659	326	5	15	20	
		896			294	348					31	350	
13	285	~~856~~	586	5	276	18	21	252	322	5	11	20	
						√366						√370	
	√3735	667					√291	680					

Cont.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM38-8A TO BM38-7
	3735	667	Cont.		291	680			
				366				370	
14	295	373	596 5	303 ~~303~~ 287 16 ~~18~~	3	353	304 5	12 1 3 1/2 18	
				382				388	
15	300	060	601 5	300 1/2 290 20	3	072	304 5	13 1 3 1/2 20	
				402				408	
16	297	073	598 5	306 288 18	6	367	307 5	14 -2 16	
				420				424	
17	296	584	597 5	305 287 18	6	180	307 5	16 1 6 1/2 20	
				438				444	
18	214	421	515 5	218 210 8	87	772	388 5	91 83 08	
				446				452	
								446	
	5139	118			398	424		898	
BM38-7	398	424							BM 38-7
									Hacienda Blvd. & 0.54 mi. N'ly of Skyline Dr.
	+4740	694							F.B. 3709-61

T-80°

WEATHER Hazy Sun INST. NO. 9671

TIME 2:00 to ROD NO. 9569

NOTES CHKD RE H DATE JUL 1 '71

F.B. 4115 PG. 152 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-10-71

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 1-64
SURVEY BY G.E. Dreier DATE 5-5-71 TIME 1:40 to 2:10 WEATHER Overcast INST. NO. 86711
NOTES BY Maldonado DATE 5-5-71 TIME 1:40 to 2:10 ROD NO. 95250
INDEXED G.J. GALLI DATE NOTES CHKD RSH DATE 7-71
F.B. 4113 PG. 153

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 38-8A TO BM 38-9A
BM 38-8A				126				297.1	BM 38-8A
1	106	298	407 5	86 40	297	220	598 5	275.2 44	Hacienda Blvd. & Colima Rd. S.E. Cor.
				27.1				307	
2	8	101	309 5	8 1/2 38	289	850	590 5	271 36	F.B. 2888-161
				78				296 80	
3	41	215	342 5	60 22 38	278	165	579 5	260 36	
				116				304 116	
4	25	151	326 5	46 4 42	283	878	584 5	262 42	T-Dreier
				158				298.1 158	
5	3	661	304 5	27.1 3 1/2 48	298	993	599 5	273.2 50	
				206				293 208	
6	41	991	342 5	65 17 48	270	539	571 5	247 46	
				254				262 254	
7	29	211	330 5	47 11 36	244	195	545 5	226 36	
				290 ✓				290 ✓	
								290	
	255	628 ✓			1962	840 ✓		580 ✓	
					255	628 ✓			BM 38-9A
BM 38-9A					1707	212			Hacienda Blvd. & Las Altos Dr.
									E.B. 2888-162 S.E. Cor.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM38-9A TO BM38-8A
BM38-9A									BM38-9A
1	296	193	597 5	296 1/2 274 1/2 44	82	216	383 5	103 59 44	Hacienda Blvd. & Los Altos Dr.
									F.B. 2888-162 S.E. Cor.
2	301	662	602 5	301 1/2 279 1/2 44	46	253	347 5	68 24 44	
				290 1/2 88				45 88	
3	290	840	591 5	269 1/2 42	24	363	325 5	3 42	
				305 130				57 130	
4	284	460	585 5	263 42	36	228	337 5	15 42	X-Dreier
				296 1/2 ~~152~~ 172				49 172	
5	296	558	597 5	273 1/2 46	27	540	328 5	5 44	
				297 1/2 218				28 1/2 216	
6	297	483	598 5	277 1/2 40	8	005	309 5	8 1/2 40	
				283 258				119 256	
7	259	371	560 5	235 48	94	760	395 5	~~68~~ 69 50	
				√306				√306	
								306	
	√2026	567		√	319	365		√612	
	319	365							
	√+1707	202							
BM38-8A									BM38-8A
									Hacienda Blvd. & Colima Rd.
									F.B. 2888-161 S.E. Cor.

F.B. 4113 PG. 154 JOB NO. 0301.02

SURVEY OF LA Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-10-71

INDEXED C. J. GALL DATE

WEATHER Sunny & Hazy INST. NO. 9671

TIME 1:30 to 2:00 ROD NO. 9549

NOTES CHKD REA DATE 1-12

76P526B CE # 308 8/68

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 38-9A TO BM 38-10A
BM 38-9A				93				280	BM 38-9A
1	72	742	373 5	51 42	260	429	561 5	240 40	Hacienda Blvd. & Los Altos Dr.
				48 1/2				288 1/2	F.B. 2888-162 S.E. Cor.
2	19	874	320 5	19 1/2 58	288	626	589 5	260 1/2 56	
				100				96	
3	3	600	304 5	32 1/2 58	301	130	602 5	301 1/2 58	
				158				154	π-Dreier
4	55	854	356 5	83 27 56	270	225	571 5	270 1/2 58	
				214				212	
5	49	173	350 5	75 23 52	246	314	547 5	274 218 56	
				266				268	
6	93	602	394 5	119 67 52	260	092	561 5	287 233 54	
				318				322	
7	33	172	334 5	65 1 64	300	785	601 5	300 1/2 269 62	
				382				384	
8	5	682	306 5	31 1/2 52	286	809	587 5	286 261 1/2 50	
				434				434	
	333	699			2214	410		434	BM 38-10A
BM 38-10A					333	699		868	Hacienda Blvd. & Tetley St. N.W. Cor.
									F.B. 2888-163
					1880	711			

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

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

NOTES BY Maldonado DATE 5-5-71 TIME 2:10 to 2:50 ROD NO. 95 & 96

INDEXED C. J. GALLI DATE NOTES CHKD R.E.A. DATE

T-60°

F.B. 4113 PG. 155

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM38-10A TO BM38-9A
BM 38-10A									BM 38-10A
				300 1/2				52	Hacienda Blvd. & Tetley S
1	300	207	601 5	274 52	26	159	327 5	0 52	F.B. 2888-163 N.W. Cor.
				306				64	
2	281	208	582 5	256 50	39	173	340 5	14 50	
				276 102				87 102	
3	252	483	553 5	228 48	63	365	364 5	39 48	
				284 150				109 150	T-Dreier
4	257	730	558 5	230 54	82	380	383 5	55 54	
				282 204				93 204	
5	257	483	558 5	232 50	69	056	370 5	45 48	
				268 254				58 252	
6	245	962	546 5	222 46	34	500	335 5	10 48	
				305 300				63 300	
7	280	483	581 5	255 50	38	561	339 5	13 50	
				288 350				52 350	
8	288	158	589 5	262 1/2 52	26	384	327 5	0 52	
				259 402				163 402	
9	240	610	541 5	221 38	144	175	445 5	125 38	
				440				440	
BM 38-9A								440	BM 38-9A
	2404	324			523	754		880	Hacienda Blvd. & Los Altos D
	523	754 3				3			F.B. 2888-162 S.E. Cor.
+	1880	570 1							

REH JUN 1 '71

REH JUN 1 '71

T-78°

WEATHER Sunny INST. NO. 967

TIME 11:35 + 12:05 ROD NO. 952

NOTES CHKD REH DATE JUN 1 '71

JOB NO. 0301.02

SURVEY OF L.A. Co Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-10-71

INDEXED G.J. GALLI DATE

FG. 156

4115

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO 26716
NOTES BY G.E. DREIER DATE 5-5-71 TIME 2:45 PM ROD NO 25896
INDEXED C.J. GALLI DATE NOTES CHKD R.E.H. DATE JUN 1 '71
F.B. 4113 PG. 157

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 38-10A TO BM 38-11A
B.M. 38-10A									B.M. 38-10A
1	62	167	363 5	88 36 52	293	440	594 5	½ 293 266 54	HACIENDA BLVD. & TETLEY ST.
									SEE F.B. 2888-163
2	12	~~018~~ 080	313 5	42 ½ 12 80	283	174	584 5	½ 284 254 60	
				112				114	
3	42	481	343 5	77 7 70	273	469	574 5	308 238 70	J. MALDONADO
				182				184	
4	43	692	344 5	70 16 54	249	149	550 5	275 223 52	
				236				236	
5	114	499	415 5	124 104 20	201	793	502 5	211 191 20	
				√256				√256	
B.M. 38-11A								256	B.M. 38-11A
	274	857	√		1301	025	√	√ 512	HACIENDA BLVD. & HALLIBURTON RD.
					274	857	√		SEE F.B. 2888-164
					1026	168	√		

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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.

INST. NO. 96711 ROD NO. 95849 DATE JUN 1 '71
WEATHER SMOGGY 76°
TIME 11:00 TO 11:25 NOTES CHKD REH
SURVEY OF LA Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G. DREIER 5-10-71
INDEXED J. GALL DATE
JOB NO. 030102
F.B. 4115 PG. 158

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM. 38-11A TO B.M. 38-10A
B.M. 38-11A									B.M. 38-11A
1	271	068	572	5	44	785	345	5	HACIENDA BLVD. & HALLIBURTON RD.
2	252	757	553	5	65	090	366	5	SEE F.B. 2888-164
3	261	253	562	5	18	840	319	5	T J. MALDONADO
4	300	638	601	5	31	628	332	5	
5	230	448	531	5	129	926	430	5	
B.M. 38-10A	1316	164			290	269			B.M. 38-10A
	290	269							HACIENDA BLVD. & TETLEY ST.
	1025	895							SEE F.B. 2888-163
B.M. 38-11A	2 RERUN			5-13-71	11:25 A.M.		TEMP = 74°		
1	246	413	547	5	68	457	369	5	
2	277	139	578	5	28	029	329	5	
3	258	771	559	5	7	817	308	5	
4	298	263	599	5	8	348	309	5	
5	208	778	509	5	150	621	451		
	1289	364			263	282			
B.M. 38-10A	263	282							
	1026	082		JUN 1 '71 RE-H				JUN 1 '71 RE-H	

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 55°
SURVEY BY G.E. DREIER WEATHER OVERCAST-DRIZZLE INST. NO. 26716
NOTES BY G.E. DREIER DATE 5-6-71 TIME 10:25 TO 10:55 ROD NO. 95 & 96
INDEXED S.J. GALLI DATE NOTES CHKD R.E.V. DATE 11-1-71
F.B. 4113 PG. 159

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 38-11A TO B.M. 38-12A
B.M. 38-11A									B.M. 38-11A
1	718	339	5	77 38 78	291	301	592	5 291 254 74	HACIENDA BLVD. & HALLIBURTON RD
									SEE F.B. 2888-164
2	199	316	5	48 15 66	285	759	586	5 285 250 70	
				144					
3	248	309	5	42 8 68	293	473	594	5 293 258 70	J. MALDONADO
				212					144
4	373	326	5	56 25 62	253	932	554	5 285 221 64	214
				274					278
5	630	321	5	60 20 80	274	938	575	5 274 234 80	
				354					358
6	250	351	5	85 15 70	240	692	541	5 273 207 66	
				424					424
7	266	419	5	137 99 38	235	498	536	5 254 216 38	
				462					462
B.M. 38-12A									B.M. 38-12A
	276	684			1875	593			924
					276	684			HACIENDA BLVD. & THREE PALMS ST
									SEE F.B. 2888-165
					-1598	909			

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. 38-12A TO B.M. 38-11A
B.M. 38-12A									B.M. 38-12A
1	251	281	552 5	286 216 70	30	653	331 5	64 ½ 30 68	HACIENDA BLVD. & THREE PALMS ST
									SEE F.B. 2888-165
2	252	537	553 5	287 217 70	35	287	336 5	71 -1 70	
3	249	321	550 5	281 217 140 64	35	320	336 5	67 3 138 64	⊼ J. MALDONADO
4	261	847	562 5	292 230 204 62	30	743	331 5	60 0 202 60	
5	278	913	579 5	278 246 266 64	29	126	330 5	61 ½ 29 262 64	
6	255	182	556 5	284 226 330 58	46	861	347 5	74 18 326 56	
7	294	700	595 5	294 263 388 62	40	366	341 5	70 10 382 60	
8	178	008	479 5	188 168 450 20	174	712	475 5	188 160 442 28	
				✓ 470				✓ 470	
B.M. 38-11A								470	B.M. 38-11A
	2021	789 ✓			423	068 ✓		✓ 940	HACIENDA BLVD. & HALLIBURTON RD
	423	068							SEE F.B. 2888-64
	+1598	721 ✓							

77°

WEATHER SMOGGY INST. NO. 96716

TIME 10:20 TO 11:00 ROD NO. 95891

NOTES CHKD. RE DATE JAN 1 '71

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 5-10-71

INDEXED J. J. GALLI DATE

4113 PG. 160

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. 38-12A TO B.M. 38-13A ~~ST~~
B.M. 38-12A									B.M. 38-12A
1	98	790	399 5	130 66 64	235	131	536 5	267 203 64	HACIENDA BLVD. & THREE PALMS ST
									SEE F.B. 2888-165
2	98	440	399 5	138 58 80	217	275	518 5	217 178 78	
				144				142	
3	75	747	376 5	113 37 76	199	393	500 5	237 161 76	⊼ J. MALDONADO
				220				218	
4	107	738	408 5	138 76 62	199 ~~200~~	917	500 5	232 166 66	
				282				284	
5	126	710	427 5	140 112 28	179	152	480 5	192 166 26	
				310				310	
B.M. 38-13A								310	B.M. 38-13A
	507	425			1030	868		620	HACIENDA BLVD. & GALE AVE
					~~507~~	~~425~~			SEE F.B. 2888-167
					523	443			

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 5-6-71

INDEXED J. GALLI DATE

WEATHER DRIZZLE OVERCAST TIME 10:55 TO

NOTES CHKD R.E.H. DATE

INST. NO. 96716

ROD NO. 95 & 96

F.B. 4113 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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 38-13A TO B.M. 38-12A
B.M. 38-13A													B.M. 38-13A
1	194	581	495	5	234 / 154	80	78	792	379	5	119 / 37	82	HACIENDA BLVD. & GALE AVE
													SEE F.B. 2888-167
2	195	142	496	5	226 / 164	62	95	173	396	5	126 / 64	62	
						142						144	
3	211	201	512	5	244 / 178	66	96	749	397	5	130 / 62	68	⊼ J. MALDONADO
						208						212	
4	217	736	519	5	253 / 181	72	62	850	363	5	98 / 26	72	
						280						284	
5	171	370	472	5	187 / 155	32	132	929	433	5	145 / 118	27	
						312						311	
B.M. 38-12A												312	B.M. 38-12A
	990	030					466	493				623	HACIENDA BLVD. & ~~GALE~~ THREE PALM ST
	466	493											SEE F.B. 2888-165
	+523	537											

71° TO 77°

WEATHER HAZE INST. NO. 9671

TIME 9:55 TO 10:20 ROD NO. 9589

NOTES CHKD KEH DATE JUN 1 '71

F.B. 4113 PG. 162 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 5-10-71

INDEXED C. J. GALLI 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 B.M. 38-13A TO B.M. 38-14A
BM 38-13A					157						240		B.M. 38-13A
1	126	267	427	5	95	62	208	671	509	5	176	64	Hacienda Blvd. & Gale Ave. S.E. Cor
					170						81		F.B. 2888-167
2	144	920	445	5	118	52	56	066	357	5	31	50	
					243	114					83	114	
3	233	213	534	5	223	20	73	665	374	5	63	20	
					299	134					63	134	
4	286	408	587	5	273	26	50	671	351	5	37	26	π-Dreier
					301	160					66	160	
5	286	220	587	5	271	30	51	825	352	5	36	30	
					284	190					150	190	
6	259	452	560	5	234	50	124	020	425	5	98	52	
					126	240						242	
7	97	887	398	5	68	58	283	914	584	5	283 ½ 256	54	
					47	298					300 ½	296	
8	34	915	335	5	21	26	300	744	601	5	289 ½	22	
					16	324					296	318	
9	14	756	315	5	12	4	292	887	593	5	288	8	
					26	328					235	326	
10	23	759	324	5	20	6	231	100	532	5	227	8	
					165	334					145	334	
11	160	728	461	5	155	10	140	523	441	5	135	10	
						344						344	
												344	
	1668	525					1814	086				688	
							1668	525					BM 38-14A
BM 38-14A							145	561					Hacienda Blvd, 0.3 mi. N. of Gale Ave. @ bridge
													see F.B. 2888-168

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 5-6-71

INDEXED C. J. GALLI DATE

WEATHER Cloudy

TIME 11:45 to 2:10

NOTES CHKD RCK DATE JUN 1 '71

INST. NO. 96 716

ROD NO. 95 & 96

F.B. 4113 PG. 163

7-35

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 38-14A TO BM 38-13A
BM 38-14A									BM 38-14A
				176				12 1/2	Hacienda Blvd & 0.3 mi. N.
1	168	872	469 5	160 16	~~176~~ 3	276	304 5	3 2 18	of Gale Ave. @ bridge
				302				30	F.B. 2888-168
2	299	104	600 5	296 06	27	161	328 5	24 6	
				301 22				84 24	
3	297	616	598 5	293 8	80	322	381 5	76 8	
				297 30				69 32	π-Dreier
4	297	226	598 5	262 1/2 70	34	091	335 5	-2 71	
				106 100				300 103	
5	80	876	381 5	54 52	275	788	576 5	250 50	
				241 152				295 1/2 153	
6	3	569	304 5	3 1/2 42	295	118	516 5	279 32	
				22 194				298 1/2 185	
6	6	721	307 5	6 1/2 32	298	335	599 5	280 36	
				93 226				172 221	
7	71	554	372 5	49 44	148	117	449 5	123 49	
				234 270				151 270	
8	196	002	497 5	158 76	113	822	414 5	75 76	
				√ 346				√ 346	
	1421	540 √			1276	030 √		346	
	1276	030 √						792	
	+145	510 √						6	BM 38-13A
BM 38-13A									Hacienda Blvd. & Gale Av.
									F.B 2888-167 S.E. Cor.

T-70°

WEATHER Hazy Sun INST. NO 9671

TIME 9:10 to 10:00 ROD NO 95 & 9

NOTES CHKD RE H DATE JAN 1 71

F.B. 4113 PG. 164 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-10-71

INDEXED G. L. GALLI 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-62 BP. 4113 PG. 165

SURVEY BY: ~~Highlands~~ G.E. Dreier WEATHER Cloudy & Calm INST. NO. 26774

NOTES BY ~~Highlands~~ Miyahira DATE 5-6-71 TIME 1415 ROD NO. 25-296

INDEXED G. J. GALLI DATE NOTES CHKD K E H DATE 5 11 71

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM 38-14A TO BM 11-114A
BM 38-14A	32	426	333	5	(1/2) 68 32	72	238	590	~~534~~ 539	5	274 202	72	BM 38-14A
													Hacienda Blvd, 0.3 mi. N. of Gale
2	129	842	430	5	181 97	64	259	092	560	5	291 227	64	Ave. @ bridge
						136						136	See F.B. 2888-168
3	161	715	462	5	178 124	74	133	826	434	5	170 96	74	
						210						210	K Dreir
4	188	522	489	5	224 152	72	148	079	449	5	189 107	82	
						282						292	
5	195	163	496	5	228 162	66	153	925	454	5	181 125	56	
						348						348	
6	197	638	498	5	218 176	42	100	674	401	5	121 79	42	
						390						390	
BM 11-114A	905	306					1034	186				390	BM 11-114A E RR. S. of OLD VALLEY
		6 ✓					905	306				780	Hacienda Blvd 0.1 E'ly of City Hall
							-128	880 ✓					FB 3710 - 247

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-114A TO BM 38-14A
BM 11-114A									BM 11-114A
				106				218	Hacienda Blvd. & Old Valley Blvd
1	72	389	373 5	38 68	184	045	485 5	150 68	F.B. 1376-101
				151				205	
2	110	078	411 5	69 82	162	479	463 5	119 86	
				184 150				211 154	π - Dreier
3	144	485	444 5	104 80	172	239	473 5	133 78	
				258 230				163 232	
4	222	258	523 5	186 72	127	401	428 5	91 72	
				206 302				101 304	
5	181	721	482 5	156 50	76	845	377 5	51 50	
				230 352				108 354	
6	214	370	515	198 32	93	478	394 5	78 30	
				√384				√384	
BM 38-14A								384	BM 38-14A
	√945	302			816	487 √		√768	Hacienda Blvd. & 0.3 mi. N. of
	816	487							Gale Ave. @ bridge
	√128	814 √							See F.B. 2888-168

T-68°

WEATHER Hazy Sun INST. NO. 9671

TIME 8:45 to 9:10 ROD NO. 95&9

NOTES CHKD RE DATE JUN 1 '71

F.B. 4113 PG. 166 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net 5-10-71

SURVEY BY Dreier NOTES Maldonado

INDEXED GALLY 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 11-114A TO BM 11-113
BM 11-114A	153	375	454	5	195 / 175	80	107	340	408	5	147 / 67	80	BM 11-114A
1													Hacienda Blvd 0.1 mi E'ly of City Hall
2	210	840	511	5	240 / 180	60	108	750	409	5	138 / 78	60	FB ~~3710-247~~ 1376-101
					✓	140					✓	140	
				5						5		140	⊼ Dreier
	364	215 ✓					216	090 ✓			✓	280	
M.11-113	216	090											BM 11-113
													Old Vally Blvd @ Glendora Ave &
	+148	125 ✓											Main St.
													FB 3710-247

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

SURVEY BY GE Dreier

NOTES BY Miyahira DATE 6 May '71

INDEXED C. I. GAN DATE

WEATHER Cloudy & Clear

TIME 1805

NOTES CHKD RE

T= 60

F.B. 4113 PG. 167

INST. NO. 96716

ROD NO. 95896

DATE [illegible] 1 71

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 11-~~114A~~ 113 TO BM 11-~~114~~ A
BM 11-14A													BM 11-~~114A~~ 113
					135						233		Old Valley Blvd., Glendora A
1	104	670	405	5	73	62	204	163	505	5	175	58	& Main St. 3710-247
					144						194		F.B. ~~3710-247~~ ~~1376-101~~
2	106	369	407	5	68	76	154	975	455	5	114	80	
					✓138						✓138		
											138		
	✓211	039					✓359	138			✓276		
							211	039					
BM 11-~~113~~ 114A							✓148	099					BM 11-~~113~~ 114A
													Hacienda Blvd. & Old Valley Blvd
													F.B. ~~3710-247~~ 1376-101

T-58°

WEATHER Hazy Sun INST. NO. 9671

TIME 8:30 to 8:45 ROD NO. 9569

NOTES CHKD REA DATE JUN 1 '71

F.B. 4113 PG. 168 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-10-71

INDEXED G. I. GALD 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 11-113 TO BM 38-15A
BM 11-113									BM 11-113
				229				207	Old Valley Blvd. & Glendora Ave
1	197	965	498 5	165 64	176	703	477 5	145 62	& Main St
				178				209	F.B. 3710-247
2	142	835	443 5	106 72	173	200	474 5	137 72	
				254 136				95 134	
3	223	574	524 5	192 62	63	860	364 5	31 64	
				298 198				301 198	π-Siemann
4	298	712	599 5	270½ 56	4	388	305 5	4½ 52	
				302 254				117 250	
5	271	230	572 5	240 62	87	211	388 5	57 60	
				280 316				120 310	
6	249	260	550 5	218 62	88	332	389 5	56 64	
				170 378				212 374	
7	154	160	455 5	138 32	194	840	495 5	176 36	
				√410				√410	
								410	
	√1537	736		√	788	534		√820	BM 38-15A
	788	534							Glendora Ave. & Hill St.
BM 38-15A	+749	202 √							F.B. 3709-78

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 5-7-71 TIME 8:30 to 9:00 ROD NO. 95896

INDEXED L. GALLI DATE NOTES CHKD RCH DATE 1 71

F.B. 4113 PG. 169

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 38-15A TO BM 11-113
BM 38-15A													BM 38-15A
					235						271		Glendora Ave. & Hill St.
1	205	260	506	5	175	60	241	010	542	5	211	60	F.B. 3709-78
					100						294		
2	66	870	367	5	32	68	259	657	560	5	224	70	
						128						130	
3	5	019	306	5	39 1/2 5	68	285	820	586	5	285 1/2 254	62	
						196						192	
4	15	330	316	5	39 1/2 15	48	233	701	534	5	259 207	52	π-Siemann
						244						244	
5	133	058	434	5	172 94	78	134	133	435	5	172 96	76	
					196	322					206	320	
6	167	160	468	5	138	58	176	592	477	5	146	60	
					124	380					135	380	
7	115	749	416	5	106	18	126	871	427	5	117	18	
						√398						√398	
												398	
	~~698~~ 70	446 √					457	784 √				√796	
							~~698~~ 78	446					BM 11-113
BM 11-113							759 4	338 √					Old Valley Blvd., Glendora Ave. & Main St.
													F.B. 3710-247

T-68°

WEATHER Cloudy & Breezy INST. NO. 9671

TIME 2:50 to 3:15 ROD NO. 95 & 9

NOTES CHKD KEA DATE JAN 1

F.B. 4113 PG. 170 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-7-71

INDEXED G. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM38-15A TO BM38-16A
BM 38-15A									BM 38-15 A
				113				299	Glendora Ave. & Hill St
1	78	977	379 5	43 70	264	319	565 5	229 70	F.B. 3709-78
				50 1/2				279 1/2	
2	16	233	317 5	16 68	279	020	580 5	245 68	
				123 138				241 138	
3	87	551	388 5	51 72	205	006	506 5	169 72	X-Siemann
				162 210				288 210	
4	126	799	427 5	90 72	250	073	551 5	212 72	
				124 282				207 282	
5	90	913	391 5	56 68	173	466	474 5	139 68	
				177 350				210 350	
6	142	466	443 5	107 70	175	422	476 5	140 70	
				159 420				182 420	
7	142	721	443 5	125 34	166	921	467 5	150 32	
				√ 454				√ 452	
								454	
	√ 685	660			√ 1514	227		√ 906	
					685	660			
					√ 828	567			BM38-16A
BM 38-16A									Hacienda Blvd. & Loukelton St
									F.B. 2888-169

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-66

SURVEY BY GE Dreier

NOTES BY Maldonado DATE 5-7-71

INDEXED G. J. GALLI DATE

WEATHER Cloudy

TIME 9:00 to 9:30

NOTES CHKD RE

INST. NO. 96716

ROD NO. 95696

DATE [illegible] 71

F.B. 4113 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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 38-16A TO BM 38-15A
BM 38-16A													BM 38-16A
					244						207		Hacienda Blvd. & Loukelton S
1	204	871	505	5	164	80	166	953	467	5	125	82	F.B. 2888-169
					225						136		
2	187	884	488	5	149	76	95	669	396	5	54	82	
					263	156					138	164	
3	232	201	533	5	201	62	107	011	408	5	76	62	
					229	218					145	226	K. Siemann
4	190	302	491	5	151	78	109	700	410	5	73	72	
					287	296					65	298	
5	252	866	553	5	217	70	31	703	332	5	31 ½	68	
					275	366					74	366	
6	275	733	576	5	241 ½	68	37	851	338	5	0	74	
					190	434					153	440	
7	182	470	483	5	174	16	149	022	450	5	145	8	
						√450						√448	
													BM 38-15A
BM 38-15A												450	Glendora Ave. & Hill St.
	1526	327 √					697	909 √				√898	F.B. 3709-78
	697	909											
	+828	418 √											

T-72

WEATHER Cloudy INST. NO. 9671

TIME 2:15 to 2:45 ROD NO. 95 & 97

NOTES CHKD RE H DATE JAN 1 '71

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-7-71

INDEXED G. J. GALLI DATE

F.B. 4112 PG. 172 JOB NO. 0301.02

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 Waldemada DATE 5-7-71 WEATHER Cloudy INST. NO. 96716
TIME 9:30 to 4:55 ROD NO. 95894
INDEXED DATE NOTES CHKD DATE
F.B. 4113 PG. 173
7-68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 38-16A TO BM 38-17A
BM 38-16A									BM 38-16A
				748				236	Hacienda Blvd. & Workelton St.
1	213	118	514 5	178 70	201	927	502 5	166 70	F.B. 2888-169
				191				139	
2	156	300	457 5	121 70	103	882	404 5	67 72	
				188 140				178 142	
3	151	077	452 5	114 74	142	935	443 5	106 72	* - Siemann
				173 214				175 214	
4	173	530	474 5	138 1/2 70	139	699	440 5	103 72	
				284				286	
5	184	450	485 5	148 72	120	931	421 5	85 70	
				220 356				144 356	
6	178	031	479 5	139 78	105	450	406 5	66 78	
				√434				√434	
								434	
	√1056	506		✓	814	774		√868	
	814	774							
	√241	732							
BM 38-17A									BM 38-17A
									Hacienda Blvd. & Fairgrove Ave.
									F.B. 2888-170 N.E. Cor.

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 BM38-17A TO BM38-16A
BM 38-17A									BM 38-17A
				160				217	Hacienda Blvd. & Fairgrove
1	127	020	428 5	94 66	184	891	485 5	151 66	Ave. N.E. Cor.
				166				219	F.B. 2888-170
2	132	140	433 5	98 68	184	010	485 5	149 70	
				174 134				208 136	
3	140	342	441 5	106 68	174	720	475 5	140 68	
				172 202	177			210 204	
4	138	527	439 5	104 68	~~178~~	888	478 5	144 66	T-Siemann
				170 270				204 270	
5	134	000	435 5	98 72	168	150	469 5	132 72	
				186 342				154 342	
6	152	440	453 5	118 68	122	246	423 5	90 64	
				148 410				204 406	
7	136	140	437 5	124 24	190	400	491 5	176 28	
				434				434	
								434	
	960	609			1202	305		868	
					960	609			
					241	696			BM 38-16A
BM 38-16A									Hacienda Blvd. & Loukelton S
									F.B. 2888-169

T-71°

WEATHER Cloudy INST. NO 9671

TIME 1:45 to 2:15 ROD NO 95 & 9

NOTES CHKD KEH DATE

F.B. 4113 PG. 174 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-7-71

INDEXED G. J. GALLI 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-69°

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 5-7-71

INDEXED C. J. GALLI DATE

WEATHER Sun & Cloudy INST. NO. 96716

TIME 10:00 to 10:25 ROD NO. 95 & 96

NOTES CHKD RE# DATE [illegible] 71

F.B. 4113 PG. 175

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 38-17A TO BM 37-9
BM 38-17A									BM 38-17A
				236				171	Hacienda Blvd. & Fairgrove Ave.
1	202	129	503 5	168 68	137	312	438 5	103 68	F.B. 2888-170 N.E. Cor.
				245				175	
2	210	399	511 5	175 70	140	510	441 5	105 70	
				239 138				162 138	
3	205	189	506 5	171 68	~~130~~ 129	851	430 5	96 66	R-Siemann
				230 206				155 204	
4	195	830	496 5	160 70	120	791	421 5	85 70	
				218 276				147 274	
5	188	269	489 5	158 60	117	820	418 5	87 60	
				176 336				183 334	
6	161	329	462 5	146 30	167	080	468 5	151 32	
				√366				√366	
								366	
	√1163	145			√813	364		√732	
	813	364							
	√+349	781							
BM 37-9									BM 37-9 (L.A.Co. Trav. Sta. PUENTE G-9)
									Hacienda Blvd. & ~~San~~ Francisquito
									Ave. to West. & Int.
									see F.B. 2890-8

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 37-9 TO BM38-17A
BM 37-9													BM 37-9 (L.A. Co. Travers Sta.
					176						208		PUENTE G-7)
1	149	061	450	5	122	54	181	289	482	5	154	54	Hacienda Blvd. & Francisquit
					155						220		Ave. to west.
2	122	200	423	5	89	66	189	388	490	5	156	64	F.B. 2890-8
					166	120					239	118	
3	130	222	431	5	94	72	205	190	506	5	171	68	
					184	192					224	186	X-Siemann
4	149	110	450	5	114	70	190	370	491	5	156	68	
					156	262					224	254	
5	12[illegible]	548	428	5	98	58	191	475	492	5	158	66	
					158	320					228	320	
6	130	480	431	5	102	56	200	613	501	5	172	56	
						√376						√376	
												376	
	√808	621					√1158	325				√752	
							808	621					
							√349	704					
BM 38-17A													BM 38-17A
													Hacienda Blvd. & Fairgrove
													Ave. N.E. Cor.
													F.B. 2888-170

T-74°

WEATHER Cloudy INST. NO. 9671

TIME 1:15 to 1:40 ROD NO. 9529

NOTES CHKD REH DATE JUN 1 '71

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-7-71

INDEXED C. J. GALLI DATE

4113 FG. 176

526 B 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.

ATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 37-9 TO B.M. 37-~~10~~ 8
37-9									B.M. 37-9 (PUENTE G-7)
1	232	367	533 5	268 196 72	95	103	396 5	130 60 70	HACIENDA BLVD. & FRANCISQUITO
									AVE. TO WEST.
2	189	825	490 5	216 162 54	124	047	425 5	152 98 54	SEE F.B. 2890-8
				126				124	
3	194	588	495 5	220 168 52	135	356	436 5	161 109 52	π = MALDONADO
				√178				√176	
37-8								178	B.M. 37-8 (PUENTE G-6A)
	√616	780			√354	506		√354	HACIENDA BLVD. & FRANCISQUITO AVE. E.
	354	506							SEE F.B. 2890-7
	√+262	274							

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

SURVEY BY G.E. DREIER WEATHER PTLY CLOUDY INST. NO. 9676

NOTES BY SIEMANN DATE 5-7-71 TIME 10:25 TO 10:40 ROD NO. 95496

INDEXED C.J. GALLI DATE NOTES CHKD REH DATE 1 71

F.B. 4113 PG. 177

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. 37-8 TO B.M. 37-9
B.M. 37-8									B.M. 37-8 (PUENTE G-6A)
1	143	848	444 5	177 109 68	197	735	498 5	230 164 66	HACIENDA BLVD. & FRANCISQUITO AVE
									SEE F.B. 2890-7
2	84	064	385 5	120 48 72	205	931	506 5	242 168 74	
				140				140	T = MALDONADO
3	121	202	422 5	140 102 38	207	641	508 5	226 188 38	
				√178				√178	
B.M. 37-9								178	B.M. 37-9 (PUENTE G-7)
	√349	114			√611	307		√356	HACIENDA BLVD. & FRANCISQUITO AVE W.
					349	114			SEE F.B. 2890-8
					√-262	193			

T = 66°

WEATHER PLY CLOUDY INST. NO. 96716

TIME 11:45 TO 12:00 ROD NO. 75896

NOTES CHKD [illegible] DATE [illegible]

F.B. 4113 PG. 178 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-7-71

INDEXED G. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 66°

SURVEY BY G.E. DREIER WEATHER PTLY CLOUDY INST. NO. 9671

NOTES BY SIEMANN DATE 5-7-71 TIME 10:40 TO 11:10 ROD NO. 95 & 9

INDEXED B. J. GALLI DATE NOTES CHKD REH DATE 71

F.B. 4113 PG. 179

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 37-8 TO B.M. 37-7
M.37-8									B.M. 37-8 (PUENTE G-6A)
1	211	739	512 5	238 184 54	155	518	456 5	182 128 54	HACIENDA BLVD. & FRANCISQUITO AVE. E.
									SEE F.B. 2890-7
2	189	351	490 5	224 154 70	133	018	434 5	167 99 68	
				124				122	
3	198	190	499 5	234 162 72	108	977	409 5	145 71 74	
				196				196	
4	193	471	494 5	228 158 70	114	477	415 5	149 79 70	π = MALDONADO
				266				266	
5	195	356	496 5	230 160 70	117	434	418 5	152 82 70	
				336				336	
6	203	940	504 5	239 167 72	88	706	389 5	125 51 74	
				408				410	
7	185	737	486 5	208 162 46			5	44	
				454	164	530	465	186 142 454	
								454	B.M. 37-7 (PUENTE 1-6)
M.37-7	1377	784			882	160		908	FRANCISQUITO AVE & WALNUT AVE.
	882	160				6			SEE F.B. 3709-143
	+495	624							
		1							

REH

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. 4113 PG. 180 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-7-71

INDEXED G. J. GALLI DATE

NOTES CHKD KSH DATE JAN 1 71

WEATHER PTLY CLOUDY INST. NO. 96714

TIME 11:15 TO 4:45 ROD NO. 25-29

T = 66°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 37-7 TO B.M. 37-8
B.M. 37-7									B.M. 37-7 (PUENTE - I-6)
1	122	621	423	5 156 88 68	185	279	486	5 220 150 70	FRANCISQUITO AVE. & WALNUT AVE.
									SEE F.B. 3709-143
2	93	342	394	5 130 56 74	186	418	487	5 222 150 72	
				142				142	
3	101	298	402	5 136 66 70	184	409	485	5 218 150 68	
				212				210	
4	105	792	406	5 138 72 66	188	089	489	5 214 155 66	T = MALDONADO
				278				276	
5	117	959	418	5 150 84 66	171	193	472	5 203 139 64	
				344				340	
6	114	099	415	5 148 80 68	161	887	462	5 196 126 70	
				412				410	
7	130	352	431	5 148 112 36	203	132	504	5 224 182 42	
				√448				√452	
								448	
B.M. 37-8									B.M. 37-8 (PUENTE G-6A)
	√	785	463		√	1280	407		√900 HACIENDA BLVD. & FRANCISQUITO AVE. E.
						785	463		SEE F.B. 2890-7
					√	494	944		
							9		

DE 4 908 6/58

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

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

Do not extend notes this side of this line.

SURVEY NO. 0331.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 78
NOTES BY M.Y. Zhigalo E. Dreier WEATHER Calm & Clear INST. NO. 96716
COMPUTED BY C.J. Gallo DATE 13 May 1971 TIME 1330 ROD NO. 95496
INDEXED DATE NOTES CHKD DATE JUN 1 '71
F.B. 4113 Pg. 181

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA	FORESIGHT RIGHT	MIC.	LEFT		STADIA	DESCRIPTION AND REMARKS (RERUN)
											FROM BM 37-8 TO BM 37-7
BM 37-8											BM 37-8 (Puente G-6A)
											Hacienda Blvd @ Francisquito Ave E.
											FB 2890-7
1	204	098	505	5	234 / 174 — 60	144	088	445	5	174 / 114 — 60	
2	176	617	477	5	209 / 143 — 66 / 126	121	223	422	5	154 / 88 — 66 / 126	
3	195	867	496	5	226 / 164 — 62 / 188	121	031	422	5	152 / 90 — 62 / 188	RERUN
4	187	870	488	5	218 / 156 — 62 / 250	119 ~~118~~	042	420	5	150 / 88 — 62 / 250	T Maldonado
5	192	770	493	5	224 / 160 — 64 / 314	112	840	413	5	145 / 79 — 66 / 316	
6	199	647	500	5	232 / 166 — 66 / 380	119	730	420	5	150 / 88 — 62 / 378	
7	188	958	489	5	215 / 161 — 54 / 434	115	202	416	5	143 / 87 — 56 / 434	
8	177	128	478	5	185 / 169 — 16 ~~28~~ / √450	174	894	475	5	183 / 165 — 18 / √452	
										450 / √902	
BM 37-7											BM 37-7 (Puente I-6)
	√1522955					√1028050					Francisquito Ave @ Walnut Ave
	1028050										See FB 3709 - 143
	√+494905										

F.B. 4113 PG. 7

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

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

NOTES BY DATE 1971 TIME ROD NO 95 & 96

INDEXED S. J. GALLI DATE MAY 21 '71 NOTES CHKD DATE

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

JOB NO 0301.02

L.A.CO. PRECISE LEVEL NET

LINE NO. 11, 1971 RELEVELING

CONTINUED FROM F.B. 4111-250

DREIER
MALDONADO
SIEMANN
MCKNIGHT

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

Do not extend notes this side of this line.

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

76P526B CE # 308 8/68

F.B. 4115 PG. 8 | JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES JAN, FEB. & APRIL, 1971

INDEXED E.J. GALLI DATE

WEATHER INST. NO 9671

TIME ROD NO 9589

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

409 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 ____

SEE F.B. 4111-60, 61, 62, 63 & 64 FOR PART OF ROUTE SKETCH OF LINE 11, 1971 RELEVELING.

76P526B CE # 308 8/68

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 WEATHER HAZE-LT WIND INST. NO 96716
NOTES BY G.E. DREIER DATE 4-8-71 TIME 2:05 TO 2:25 ROD NO 95496
INDEXED J. GALLI DATE MAY 21 71 NOTES CHKD RCK3 DATE 6-9-71
70°
F.B. 4113 PG. 9

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-125 TO B.M. 11-126A
B.M. 11-125													B.M. 11-125
1	175	810	476	5	209 141	68	157	671	458	5	191 123	68	WORKMAN MILL RD., 0.35 MI. S. OF U.P.R.R.
													SEE F.B. 1376-113
2	181	982	482	5	216 146	70	218	334	519	5	254 182	72	
					175	138					207	140	
3	141	906	442	5	107	68	174	042	475	5	141	66	J. MALDONADO
					176	206					298	206	
4	136	432	437	5	96	80	259	202	560	5	220	78	
						286 ✓						284 ✓	
B.M. 11-126A												284	B.M. 11-126A (F.C.B.M. 99 5 48
	636	130	✓				809	249	✓			570	WORKMAN MILL RD. & SAN JOSE CR.
							636	130					SEE F.B. 2880-50
							-173	119	✓				

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

493 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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.11-126A TO B.M.11-125
B.M.11-126A									B.M.11-126A
1	187	077	488 5	226 148 78	98	193	299 5	136 60 76	WORKMAN MILL RD. & SAN JOSE CR.
									SEE F.B. 2880-50
2	209	163	510 5	242 176 66	136	182	437 5	170 102 68	
				144				144	
3	222	316	523 5	255 189 66	197	682	498 5	231 163 68	⊼ J. MALDONADO
				210				212	
4	156	398	457 5	192 120 72	169	978	470 5	204 134 70	
				282 ✓				282 ✓	
				~~354~~				282	
	774	954 ✓			602	035 ✓		564 ✓	
B.M.11-125	602	035							B.M.11-125
									WORKMAN MILL RD., 0.35 MI. S. OF U.P.R.R.
	+172	9~~4~~9 2 ✓							SEE F.B. 1376-112

F.B. 4113 PG. 10

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-12-71

INDEXED G.J. GALL DATE

WEATHER HAZE - SUN INST. NO. 96716

TIME 10:00 TO 10:25 ROD NO. 95 & 96

NOTES CHKD RCB DATE 6-9-71

70°

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 S.E. DREIER WEATHER HAZE, LT WIND INST. NO. 96716
NOTES BY G.E. DREIER DATE 4-8-71 TIME 2:25 TO 2:40 ROD NO. 97696
INDEXED E.J. GALLI DATE NOTES CHKD. RCB DATE 6-9-71
F.B. 4113 PG. 11

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-126A TO B.M. 11-126B
B.M. 11-126A													B.M. 11-126A (F.C. B.M. 99 5 48)
1	138	860	439	5	172 104	68	120	933	421	5	154 86	68	WORKMAN MILL RD. & SAN JOSE CR.
													SEE F.B. 2880-50
2	143	020	444	5	176 110	66	137	549	438	5	170 104	66	
						134					154	134	
3	154	912	455	5	170 138	32	138	212	439	5	122	32	↑ J. MALDONADO
						166 ✓						↘166	
B.M. 11-126B												166	B.M. 11-126B
	436792 ✓						396694 ✓					↘332	WORKMAN MILL RD, .01 MI. S OF PECK RD.
	396694												SEE F.B. 2880-51
	+40098 ✓												

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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. 11-126B TO B.M. 11-126A
B.M. 11-126B													B.M. 11-126B
1	127	247	428	5	164 / 90	74	153	624	454	5	189 / 117	72	WORKMAN MILL RD. S. OF PECK RD
													SEE F.B. 2880-51
2	140	592	441	5	184 / 96	88	154	452	455	5	200 / 154	92	
						162 ✓						164 ✓	
												162	⊼ J. MALDONADO
	267	839 ✓					308	076 ✓				326 ✓	
B.M. 11-126A							267	839					B.M. 11-126A (FC - 99 - F - 48)
													WORKMAN MILL RD. & SAN JOSE CR.
							40	237 ✓					

WEATHER HAZE - SUN INST. NO. 96716

TIME 9:45 TO 10:00 ROD NO. 95 89

NOTES CHKD RCB DATE 6-9-71

68°

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-12-71

INDEXED J. GALLI DATE

4113 FG. 12 JOB NO. 0301.02

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER HAZE Lt WIND INST. NO 96716
NOTES BY G.E. DREIER DATE 4-8-71 TIME 2:40 TO 3:15 ROD NO 25496
INDEXED J. GALL DATE NOTES CHKD. RGS DATE 6-9-71
F.B. 4113 Pg. 13

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.11-126B TO B.M.11-11-127
B.M.11-126B									B.M.11-126B
1	288	859	589	5 / 288 / 257 / 62	147	943	448	5 / 180 / 114 / 66	WORKMAN MILL RD. S. OF PECK RD, SEE F.B. 2880-51
2	260	186	561	5 / 292 / 228 / 64	62	621	363	5 / 90 / 34 / 56	
				126				122	
3	191	484	492	5 / 226 / 156 / 70	179	485	480	5 / 215 / 143 / 72	T. J. MALDONADO
				196				194	
4	112	678	413	5 / 139 / 85 / 54	198	252	499	5 / 225 / 171 / 54	
				250				248	
5	86	380	387	5 / 120 / 52 / 68	214	082	515	5 / 247 / 181 / 66	
				318				314	
6	142	973	443	5 / 177 / 107 / 70	220	904	521	5 / 257 / 183 / 74	
				388				388	
7	78	933	379	5 / 101 / 55 / 46	260	053	561	5 / 284 / 236 / 48	
				434	✓			436 ✓	
								434	B.M.11-127
B.M.11-127	1161	493 ✓			1283	340 ✓		870	WORKMAN MILL RD. & MISSION MILL RD, SEE F.B. 1376-114
					1161	493			
					121	847 ✓			

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F.B. 4113 PG. 14 JOB NO 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 4-12-71
INDEXED C.J. GALT DATE
WEATHER HAZE - SUN 66° INST. NO 26716
TIME 9:15 TO 9: ROD NO 95 & 94
NOTES CHKD RCM DATE 6-9-71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-127 TO BM 11-126B
				293				83	B.M. 11-127
1	265	862	566 5	237 56	55	900	356 5	27 56	WORKMAN MILL RD. & MISSION MILL
									SEE F.B. 1376-114
2	200	303	501 5	236 164 72	131	619	432 5	166 96 70	
				265 128				119 126	
3	225	791	526 5	185 80	77	438	378 5	35 84	⊼ J. MALDONADO
				238 208				163 210	
4	204	210	505 5	170 68	130	837	431 5	97 66	
				173 276				226 276	
5	143	153	444 5	113 60	196	851	497 5	166 60	
				112 336				300 336	
6	76	699	377 5	40 72	265	213	566 5	230 70	
				116 408				255 406	
7	101	603	402 5	86 30	238	201	539 5	221 34	
				438	✓			440 ✓	
								438	
	1217	621 ✓			1096	058 ✓		878 ✓	
B.M. 11-126B	1096	058							B.M. 11-126B
									WORKMAN MILL RD. S. OF PECK RD.
	121	562 ✓							SEE F.B. 2880-51

76P526B CE # 308 8/68

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403 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 72°
SURVEY BY G.E. DREIER WEATHER HAZE INST. NO 26716
NOTES BY G.E. DREIER DATE 4-22-71 TIME 2:15 TO 3:50 ROD NO. 35876
INDEXED J. GALLI DATE NOTES CHKD RDR DATE 6-9-71
F.B. 4113 PG. 15

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									RERUN FROM B.M.11-127 TO B.M.11-126B
B.M.11-127									B.M.11-127
1	262	305	563 5	292 / 232 60	37	498	338 5	67 / 7 60	WORKMAN MILL RD. & MISSION MILL RD.
								156 / 84 72	SEE F.B. 1376-114
2	183	976	484 5	218 / 148 70	120	367	421 5	132	
				130				130 / 76 54	RERUN
3	200	405	501 5	227 / 173 54	103	784	404 5	184	J. MALDONADO
				184				148 / 84 64	186
4	216	381	517 5	249 / 183 66	116	963	447 5	250	
				250				211 / 139 72	
5	160	943	461 5	195 / 125 70	175	597	476 5	322	
				320				248 / 186 62	
6	83	700	384 5	113 / 53 60	217	487	518 5	384	
				380				289 / 237 52	
7	49	341	350 5	77 / 21 56	263	723	564 5	436 ✓	✓
				436 ✓				436	B.M.11-126B
B.M.11-126B								872	WORKMAN MILL RD, S. OF PECK RD.
	1157051 ✓				1035419 ✓				SEE F.B. 2880-51
	1035419								
	+121632 ✓								

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-127 TO BM 11-127A
BM 11-127				195				235	BM 11-127
1	167	768	468 5	139 56	207	743	508 5	179 56	Workman Mill Rd. & Mission Mill Rd.
				117				283	See 1376-114
2	84	687	385 5	51 66	249	458	550 5	215 68	
				159 122				200 124	
3	122	677	423 5	85 74	165	160	466 5	130 70	
				175 196				183 194	π-Moore
4	140	506	441 5	105 70	150	962	451 5	117 66	
				171 266				176 260	
5	156	588	457 5	141 30	158	645	459 5	140 36	
				296 ✓				296 ✓	
								296	
	672	226 ✓			931	968 ✓		592 ✓	
					672	226			BM 11-127A (Bt. Spk. in Ld.)
BM 11-127A									Workman Mill Rd., 0.16 mi.
				—	259	742 ✓			S.W'ly of Rose Hills Rd.
									See F.B. 2880-53

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 4-9-71

INDEXED [illegible] GALL DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 8:30 to 9:00 ROD NO. 95496

NOTES CHKD RCB DATE 6-9-71

T. 62°

F.B. 4113 PG. 17

PLEASE RETURN TO
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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.

INST. NO 9676
ROD NO 9582
DATE 6-9-71
NOTES CHKD RCB
WEATHER HAZE - SUN 65°
TIME 9:00 TO 9:15
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER 4-12-71
INDEXED G.J. GALLI DATE
JOB NO 0301.02

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM.11-127A TO BM.11-127
BM.11-127A				183				168	BM.11-127A
1	148	199	449 5	113 70	131	210	432 5	94 74	WORKMAN MILL RD. S. OF STARCA AV
				192				181	SEE F.B. 2880-53
2	152	180	453 5	112 80	142	728	443 5	103 78	
				228 150	728			142 152	
3	186	715	487 5	144 84	99	220	400 5	56 86	TR. SIEMANN
				234 234				88 238	
4	208	290	509 5	182 52	62	669	363 5	36 52	
				286	✓			290 ✓	
5								286	
	695	384 ✓			435	827 ✓		574	BM.11-127
	435	827				8			WORKMAN MILL RD. & MISSION MILL RD
									SEE F.B. 1376-114
	+259	557 ✓							

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 4-9-71

INDEXED L. J. GALLI DATE

WEATHER Hazy Sun INST. NO 96716

TIME 9:00 to 9:50 ROD NO. 95E96

NOTES CHKD. RCB DATE 6-9-71

T-74°

F.B. 4113 PG. 19

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 11-127A TO BM 11-128
BM 11-127A					186						103		BM 11-127 (Bt. SPK. in Ld.)
1	160	167	461	5	134	52	77	621	378	5	51	52	Workman Mill Rd., 0.16 mi.
					140						261		S. W'ly of Rose Hills Rd. @ Hwy.
2	109	738	410	5	78	62	231	016	532	5	201	60	Sta. 106+30
					167	114					130	112	See F.B. 2880-53
3	135	984	436	5	103	64	99	647	400	5	68	62	
					236	178					145	174	
4	208	526	509	5	180	56	115	340	416	5	85	60	π-Moore
					303	234					67	234	
5	274	674	575	5	245	58	38	581	339	5	09	58	
					306	292	67				80	292	
6	293	504	594	5	280	26	~~68~~	850	368	5	54	26	
					257	318					96	318	
7	242	605	543	5	227	30	81	218	382	5	66	30	
					261	348					156	348	
8	245	698	546		229	32	140	672	441	5	124	32	
						380 ✓						380 ✓	
												380	BM 11-128
	1670	896 ✓					851	945 ✓				760	Workman Mill Rd. & Pioneer Blvd.
BM 11-128	851	945											See F.B. 1376-115
	+818	951 ✓											

PLEASE RETURN TO

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.11-128 TO B.M.11-127A
B.M.11-128									B.M.11-128
1	89	840	390 5	114 64 50	284	231	385 5	307 261 46	WORKMAN MILL RD. & PIONEER BLV.
									SEE F.B. 1376115
2	5	799	306 5	31 ½ 5 52	289	869	590 5	289 ½ 264 50	
								96	
3	4	858	305 5	25 ½ 4 102 42	242	845	543 5	266 218 48	⊼ R. SIEMANN
								144	
4	84	888	385 5	134 34 100	164	001	465 5	214 114 100	
								244	
5	119	428	420 5	157 81 76	158	638	459 5	196 120 76	
								320	
6	245	000	546 5	277 213 64	229	513	530 5	261 197 64	
				384 ✓				384 ✓	
B.M.11-127A								384	B.M.11-127A
	549	813 ✓			1369	096 ✓		768	WORKMAN MILL RD. & S. OF STARCH
					549	813			SEE F.B. 2880-53
					819	284 ✓			

60°

WEATHER HAZE INST. NO. 96776

TIME 8:20 TO 9:00 ROD NO. 95[illegible]

NOTES CHKD RCB DATE 6-9-71

JOB NO. 0301.02

SURVEY OF LA. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-12-71

INDEXED J. GALLO DATE

4113 PG. 20

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 68° F.B. 4113 PG. 21
SURVEY BY G.E. DREIER WEATHER CLEAR
NOTES BY G.E. DREIER DATE 4-22-71 TIME 1:35 INST. NO 86716
INDEXED L. GALLI DATE NOTES CHKD ROCK DATE 6-9-71 ROD NO 35496

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-127A TO B.M. 11-128
B.M. 11-125A				234				190	B.M. 11-127A
1	198 722	499	5	162 72	154 320	455	5	118 72	WORKMAN MILL RD. & STARCA AVE
									SEE F.B. 2880-53
2	89 300	390	5	122 56 66	186 840	487	5	219 153 66	
				138				138	
3	216 788	517	5	249 183 66	110 112	411	5	142 78 64	RERUN
				204				88 202	T R. SIEMANN
4	216 552	517	5	246 186 60	58 968	359	5	28 60	
				264				45 262	
5	288 270	589	5	307 269 38	24 679	325	5	3 42	
				302				304	
6	275 471	576	5	296 254 42	36 075	337	5	56 16 40	
				344				344	
7	242 552	543	5	257 227 30	137 302	438	5	153 121 32	
				374 ✓				376 ✓	
								374	B.M. 11-128
B.M. 11-128								✓ 70	WORKMAN MILL RD. & PIONEER BLVD.
	1527 655 ✓				708 296 ✓				SEE F.B. 1376-115
	708 296								
	819 359 ✓								

76P526B CE # 308 8/68

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 4-9-71

INDEXED G.J. GALLI DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 9:50 to 11:15 ROD NO. 95896

NOTES CHKD RCB DATE 6-9-71

T-78°

F.B. 4113 PG. 23

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-128 TO BM 11-129 A C
BM 11-128									BM 11-128
1	291	320	592 5	291 1/2 / 261 1/2 60	32	681	333 5	62 / 2 60	Workman Mill Rd & Pioneer Blvd
									See F.B. 1376-115
2	299	856	600 5	299 1/2 / 277 1/2 44	13	124	314 5	32 / 13 1/2 38	
				298 1/2 104				19 1/2 98	
3	298	293	699 5	285 1/2 26	6	277	307 5	6 1/2 26	⊼ - Moore
				277 130				37 124	
4	267	034	568 5	257 20	24	916	325 5	11 26	
				298 1/2 150				24 1/2 150	
5	298	592	599 5	284 1/2 28	11	916	312 5	11 1/2 26	
				297 178				59 176	
6	284	972	585 5	271 26	47	390	348 5	35 24	
				270 204				139 200	
7	251	703	552 5	232 38	117	725	418 5	95 44	
				155 242				214 244	
8	137	626	438 5	119 36	197	710	498 5	180 34	
				135 278				215 278	
9	111	158	412 5	87 48	192	482	493 5	169 46	
				120 326				236 324	
10	97	342	398 5	74 46	214	057	515 5	192 44	
				121 372				221 368	
11	100	579	401 5	79 42	197	850	498 5	173 48	
				165 414				185 416	
12	145	422	446 5	125 40	166	957	467 5	147 38	
				163 454				166 454	
	142	032	443 5	121 42	145	101	446 5	124 42	
				496				496	
	2725	929			1368	186			

(cont.)

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403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

WEATHER Sunny Haze INST. NO 962
TIME 9:30 to 11:15 ROD NO 5554
NOTES CHKD RCB DATE 6-9-71

SURVEY OF L.A. Co. Precise Level Net JOB NO 0301.02
SURVEY BY Dreier NOTES Maldonado 4-9-71
INDEXED C. I. GALE DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 11-128 TO BM 11-129C
	2725	929				496	1368	182				496	BM
					115						287		
13	99	402	400	5	83	32	271	934	572	5	255	32	
					31	528					295	528	
14	15	872	316	5	15	32	295	614	596	5	283	24	
						560						552	
					107	64					250		
15	103	415	404	5	99	8	242	395	543	5	234	16	
						568 ✓						568	
												568	
	2944	618 ✓					2178	129 ✓				1136 ✓	
	2178	129											
	+766	489 ✓											
BM 11-129C													BM 11-129C Workman Mill Rd. & Beverly Blvd. N.W. Cor. See F.B. 3711-52

76P526B CE # 308 8/68

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403 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 T-76
SURVEY BY G. E. DREIER WEATHER HAZY SUN INST. NO. 96716
NOTES BY MOORE DATE 4-9-71 TIME 2:25 TO 3:25 ROD NO. 95 & 96
INDEXED G. GALLI DATE NOTES CHKD. RCKG DATE 6-9-71
F.B. 4113 PG. 25

STATION	BACKSIGHT RIGHT	MIC.	LEFT	MIC.	STADIA	FORESIGHT RIGHT	MIC.	LEFT	MIC.	STADIA	DESCRIPTION AND REMARKS
											FROM RM 11-129C TO RM 11-128
RM 11-129C											RM 11-129C
1	285	075	586	5	297 273 24	14	650	315	5	26 2 24	WORKMAN MILL RD & REVERLY BLVD. N.W. COR
2	279	853	580	5	291 267 24	65	233	366	5	58 52 26	SEE F.B. 3711-52
					48					50	
3	247	085	548	5	268 226 42	121	246	422	5	144 98 46	
					90					96	
4	178	838	479	5	211 145 66	150	123	451	5	184 116 68	
					156					164	
5	222	998	523	5	253 191 62	66	286	367	5	93 38 54	
					218					218	
6	229	835	530	5	259 199 60	128	282	429	5	159 97 62	T-G.E. DREIER
					278					280	
7	229	811	530	5	264 194 70	209	932	510	5	244 174 70	
					348					350	
8	34	517	335	5	53 15 38	293	955	594	5	½ 293 275 36	
					386					386	
9	5	280	306	5	½ 18 5 26	298	013	599	5	½ 298 285 26	
					412					412	
10	18	624	319	5	31 5 26	292	245	593	5	304 280 24	
					438					436	
11	4	003	305	5	½ 18 4 28	298	358	599	5	½ 298 285 26	
	~~8~~	~~672~~	~~309~~	~~5~~	~~½ 27 8 38~~	~~301~~	~~820~~	~~602~~	~~5~~	~~½ 301 261~~ 462 40	
12					504					502	
13	29	661	330	5	61 5 64	301	233	602	5	½ 301 269 66 ✓	
					568 ✓					568	BM 11-128
	1774 ~~252~~ ✓					2541 ~~1774 252~~	376 ✓			568 ✓ 1136	WORKMAN MILL RD. & PIONEER BLVD
						767	124 ✓				SEE F.B. ~~3711~~ 1376-115

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-128 TO BM 11-129C
BM 11-128	778	65		278				66	BM 11-128
1	253	035	554 5	228 50	41	193	342 5	16 50	Workman Mill Rd. & Pioneer
				281				46	Blvd.
2	260	900	561 5	239 42	25	516	326 5	4 42	See F.B. 1376-115
				297 92				24 92	
3	297	362	598 5	284½ 26	11	402	312 5	-2 26	
				301 118				46 118	
4	301	696	602 5	288½ 26	33	087	334 5	20 26	Π-Dreier
				307 144				46 144	
5	295	461	596 5	283 24	34	550	335 5	22 24	Re-Run
				299 168				43 168	
6	299	935	600 5	285½ 28	29	670	330 5	15 28	
				301 196		979		131 196	
7	301	951	602 5	272½ 58	103	94	404 5	75 56	
				133 254				235 252	
8	105	410	406 5	77 56	206	278	507 5	177 58	+ 2597.293
				110 310				292 310	- 1830.699
9	73	738	374 5	36 74	255	302	556 5	218 74	+766.594 ✓
				134 384				218 384	
10	98	082	399 5	62 72	182	556	483 5	146 72	
				172 456				211 456	
11	146	918	447 5	120 52	185	140	486 5	159 52	
				55 508				283 508	
12	38	788	339 5	21 34	266	850	567 5	249 34	
				53 542				258 542	BM 11-129C
13	45	350	346 5	37 16	250	881	551 5	242 16	Workman Mill Rd. & Beverly
				84 558				210 558	
14	78	667	379 5	72 12	204	295	505 5	198 12	Blvd.
				570 ✓				570	
	2597	293 ✓			1830	699 ✓		570	
								1140 ✓	

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-64°
SURVEY BY G.E. Dreier WEATHER Sunny & Breezy INST. NO. 96716
NOTES BY Maldonado DATE 4-21-71 TIME 1:25 to 2:40 ROD NO. 95896
INDEXED G.J. GALLI DATE NOTES CHKD RCB DATE 6-9-71
F.B. 4113 PG. 27

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-129C TO BM 11-128
BM 11-129C				296				22	BM 11-129C
1	284	748	585 5	272 24	10	878	311 5	-2 24	Workman Mill Rd & Beverly
				264				42	Blvd. N.W. Cor.
2	254	582	555 5	244 20	31	403	332 5	20 22	See F.B. 3711-52
				278 44				147 46	
3	243	567	544 5	208 70	114	192	415 5	81 66	
				217 114				150 112	
4	181	682	482 5	145 72	114	892	415 5	78 72	
				186				106 184	T-Dreier
5	265	947	566 5	298 232 66	73	255	374 5	40 66	
				251 252				173 250	Re-Run
6	211	516	512 5	171 80	131	077	432 5	89 84	
				112 332				298 334	
7	93	018	394 5	74 38	298	410	599 5	279½ 38	
				46				296½ 372	
8	33	768	334 5	20 370 26	296	510	597 5	283½ 26	
				22½ 396				300½ 398	
9	9	565	310 5	9½ 26	300	230	601 5	286½ 28	
				16 422				305 426	
10	4	118	305 5	4½ 24	294	595	595 5	283 22	
				35 446				282 448	
11	23	223	324 5	11 24	270	962	571 5	258 24	
				33 470				267 472	
12	15	887	316 5	-3 36	250	934	551 5	233 34	
				73 506				276 506	
13	45	726	346 5	17 56	247	080	548 5	218 58	
				562 ✓				564 ✓	
								562	BM 11-128
	1667	347 ✓			2434	418 ✓			Workman Mill Rd. & Pioneer
					1667	347		1126	Rd.
BM 11-128					667	071 ✓			See F.B. 1376-115

T-64

WEATHER Sunny & Breezy INST. NO. 967

TIME 2:40 to 3:30 ROD NO. 9529

NOTES CHKD RCB DATE 6-9-71

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-21-71

INDEXED J. GAINO DATE

4113 Fo. 28

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 66°
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO 26716
NOTES BY G.E. DREIER DATE 4-22-71 TIME 10:00 TO 10:50 ROD NO 35496
INDEXED J. GALLI DATE NOTES CHKD RCB DATE 6-9-71
F.B. 4113 PG. 29

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		2nd RERUN DESCRIPTION AND REMARKS
													FROM B.M. 11-128 TO B.M. 11-129C
B.M. 11-128													B.M. 11-128
1	275	239	576	5	301 / 249	52	61	748	362	5	88 / 34	54	WORKMAN MILL RD. & PIONEER BLVD.
													SEE F.B. 1376-115
2	241	499	542	5	258 / 224	34	45	160	346	5	61 / 29	32	
						86					71	86	
3	263	137	564	5	273 / 253	20	61	081	362	5	51	20	
					287	106					39	106	2nd. RERUN
4	275	158	576	5	263	24	27	585	328	5	15	24	T R. SIEMAN
						130					35	130	
5	300	178	601	5	½ 300 / 288	24	22	381	323	5	9	26	
					½ 295	154					41	156	
6	295	060	596	5	½ 282	26	29	318	330	5	17	24	
					293	180					72	180	
7	280	221	581	5	267	26	60	758	361	5	48	24	
					290	206					208	204	
8	260	002	561	5	230	60	177	750	478	6	146	62	
						266					246	266	
9	102	231	403	5	132 / 72	60	215	682	516	5	184	62	+ 2810.304
10	~~84~~	~~391~~	~~385~~	~~5~~	~~164 / 54~~	~~60~~ 326	~~237~~	~~373~~	~~538~~	~~5~~	266 / 208	328 / 58	- 2043.227
					348	386					275	386	
11	107	040	408	5	137 / 77	60	179	303	480	5	143	72	+ 767.077 ✓
					167	446					192	458	
12	~~137~~	~~249~~	~~438~~	~~5~~	~~107~~	~~60~~ 506	~~169~~	~~335~~	~~470~~	~~5~~	146	36	
13	51	530	352	5	71 / 31	40	269	931	570	5	284 / 254	614 / 30	
					53	544					291	544	
14	~~43~~	~~009~~	~~344~~	~~5~~	~~33~~	~~20~~ 566	281	161	582	5	271	29 564	B.M. 11-129C BEVERLY BLVD.
15	94	360	345	5	98 / 98	8	104	661	505	5	209 / 199	10	WORKMAN MILL RD. & ~~STANLEY AVE.~~
	2810	304	✓			✓ 574	2043	227	✓			574 / 574	SEE F.B. 3711-52
												✓ 1148	

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INST. NO 9671
ROD NO 958
DATE 6-9-71
NOTES CHKD ROB
TIME 10:50 TO
WEATHER CLEAR 66°
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY DREIER NOTES GE DREIER 4-22-71
INDEXED C.J. GALLI DATE
JOB NO 030102
712 30

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	2nd RERUN DESCRIPTION AND REMARKS
									FROM BM.11-129C TO BM.11-128
BM.11-129C				286				46	BM.11-129C
1	277	780	578 5	268 18	35	569	336 5	24 22	WORKMAN MILL RD. & BEVERLY BLV
2	291	702	592 5	306 30 / 276 48	12	979	313 5	½ 27 30 / ½ 12 52	SEE F.B. 3711-52
3	216	810	517 5	249 / 184 65	109	714	410 5	142 / 76 66	
4	153	502	454 5	185 113 / 121 64	82	272	383 5	111 / 53 58	2nd. RERUN
5	206	499	507 5	232 177 / 180 52	85	621	386 5	112 / 58 54	T R. SIEMANN
				229					230
6	211	288	512 5	242 / 180 62	60	388	361 5	93 / 27 66	
7	151	533	452 5	181 291 / 121 60	268	978	569 5	299 / 237 296 62	
8	14	849	315 5	33 351 / ½ 14 38	297	180	598 5	½ 297 / ½ 282 358 30	
				389					388
9	12	090	313 5	24 / 0 24	295	378	596 5	295 / ½ 281 28	
				413					416
10	14	849	315 5	26 / 2 24	283	230	584 5	293 / 273 20	
				437					436
11	34	640	335 5	47 / 21 26	295	698	596 5	308 / 282 26	
				463					462
12	18	071	319 5	33 / 3 30	290	140	591 5	306 / 274 32	
				493					494
13	34	201	335 5	68 / 0 68	288	109	589 5	½ 287 / ½ 254 68	
				561					562
									561
	1637	814			2404	656			1123
BM.11-128					1637	814			BM.11-128 BLVD.
					766	842			WORKMAN MILL RD. & PIONEER
									SEE F.B. 1376-115

76P526B CE # 308 8/68

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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 11-129C TO BM 11-130A
B.M. 11-129C													BM 11-129C
1	12	513	313	5	28 / 212	32	297	690	598	5	297 / 2281	32	WORKMAN MILL RD. & BEVERLY
													BLVD. N.W. COR.
2	12	861	313	5	26 / 212	28	294	361	595	5	294 / 2279	32	SEE F.B. 3711-52
						60						64	
3	19	673	320	5	35 / 3	32	248	252	549	5	264 / 232	32	
						92						96	
4	33	298	334	5	51 / 15	36	243	967	544	5	259 / 227	32	π- J. MALDONADO
						128						128	
5	30	965	331	5	49 / 11	38	262	689	563	5	281 / 243	38	
						166						166	
6	22	674	323	5	44 / 0	44	261	902	562	5	282 / 240	42	
						210						208	
7	27	422	328	5	49 / 5	44	289	825	590	5	289 / 267	44	
						254						252	
8	52	083	353	5	73 / 31	42	288	087	589	5	306 / 270	36	
						296						288	
9	17	047	318	5	30 / 4	26	273	332	574	5	290 / 256	34	
						322						322	
10	85	449	386	5	100 / 70	30	166	993	467	5	180 / 152	28	
						352	✓					350	✓
												352	
	313	985	✓				2627	098	✓			702	✓
BM 11-130A							313	985					BM 11-130A
													NORWALK BLVD. & EL RANCHO DR.
							-2313	113	✓				TO WEST. N.W. COR.
													SEE F.B. 3711-53

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-78°
SURVEY BY G.E. DREIER
NOTES BY R. MOORE DATE 4-9-71
INDEXED B. I. GALLI DATE
WEATHER HAZY SUN INST. NO. 96716
TIME 11:20 TO 12:05 ROD NO. 95 & 96
NOTES CHKD RCB DATE 6-9-71
F.B. 4113 PG. 31

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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 11-130A TO BM11-129C
BM11-130A					248						59		B.M. 11-130A
1	225	127	526	5	202	46	36	533	337	5	13	46	NORWALK BLVD. & EL RANCHO DR
													TO WEST. N.W. COR.
2	301	638	602	5	1/2 301 286	30	37	095	338	5	52 22	30	SEE F.B. 3711-53
						76						76	
3	293	667	594	5	1/2 293 270	46	40	682	341	5	63 17	46	
						122						122	
4	301	263	602	5	1/2 301 276	50	21	613	322	5	1/2 46 21	50	
						172						172	
5	300	632	601	5	1/2 300 275	50	6	822	307	5	1/2 31 6	50	π - G.E. DREIER
						222						222	
6	300	362	601	5	1/2 300 276	48	9	027	310	5	1/2 33 9	48	
						270						270	
7	301	857	602	5	1/2 301 282	38	4	895	305	5	1/2 21 4	34	
						308						304	
8	297	970	598	5	1/2 297 282	30	5	550	306	5	1/2 22 5	34	
						338						338	
9	253	173	554	5	271 235	36	100	367	401	5	118 82	36	
						374 ✓						374 ✓	
												374	
B.M. 11-129C	2575	689 ✓					262	584 ✓				748	BM 11-129C
	262	584											WORKMAN MILL RD. & BEVERLY
													BLVD. N.W. COR.
	+ 2313	105 ✓											SEE F.B. 3711-52

T=78

WEATHER HAZY SUN INST. NO 96716

TIME 1:40 TO 2:25 ROD NO 95991

NOTES CHKD RCB DATE 6-9-71

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES MOORE 4-9-71

INDEXED O. J. GALLI DATE

4113 32

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 63°
SURVEY BY G.E. DREIER WEATHER CLOUDY
NOTES BY G.E. DREIER DATE 4-26-71 TIME 3:25 TO 3:45 INST. NO 26716
INDEXED L.J. GALLI DATE NOTES CHKD. RCB DATE 6-9-71 ROD NO 25 #96
F.B. 4413 PG. 33

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.11-130A TO B.M.1-16
M.11-130A									B.M.11-130A
1	50	290	351	5	259	011	560	5	NORWALK BLVD. & EL RANCHO DR.
									SEE F.B. 3711-53
2	61	181	362	5	284	902	584	5	
3	36	279	337	5	227	052	528	5	↑ J. MALDONADO
4	106	759	407	5	202	363	503	5	
5	140	468	441	5	210	673	511	5	
					✓				
	394	977	✓		183	001	✓		
M.1-16					394	977			B.M.1-16
									WHITTIER BLVD. & NORWALK BLVD.
					788	024	✓		SEE F.B. 1202-21

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 1-16 TO B.M. 11-130A
B.M. 1-16													B.M. 1-16
1	231	199	532	5	269 193	76	122	702	423	5	160 84	76	WHITTIER BLVD. & NORWALK BLV
													SEE F.B. 1202-21
2	206	333	507	5	240 172	68	60	334	361	5	93 27	66	
						144						142	
3	277	682	578	5	277 241	72	26	659	327	5	162 26	72	⊼ J. MALDONADO
						216						214	
4	260	373	561	5	291 229	62	31	650	332	5	63 -1	64	
						278						278	
5	197	589	498	5	208 186	22	143	771	444	5	155 131	24	
						300 ✓						302 ✓	
B.M. 11-130A												300	B.M. 11-130A
	1173	176 ✓					385	116 ✓				602	NORWALK BLVD. & EL RANCHO DR
	385	116											SEE F.B. 3711-53
	+788	060 ✓											

63°

WEATHER CLOUDY INST. NO 9676

TIME 3:05 TO 3:25 ROD NO 9589

NOTES CHKD RCB DATE 6-9-71

4113 PG. 34 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-26-71

INDEXED [illegible] DATE

Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET F. B. 4113 PG. 39
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes Date APRIL 1971
Date	Indexed J. GALL MAY 21 '71

JOB NO. 0301.02

L.A. CO. PRECISE LEVEL NET

PORTION OF LINE NO. 2, 1971 RELEVELING

DESCRIPTION REFERENCES

F.B. 1203

F.B. 2856

F.B. 3708

DREIER

MALDONADO

SIEMANN

McKNIGHT

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F.B. 4113 PG 40

ROUTE SKETCH, PART OF LINE 2

CONT. BOTTOM, F.B. 4111 PAGE 164

APRIL 1971 RELEVELING.

B.M. 1-16
F.B. 1202-21

ROSEHEDGE DR.

WHITTIER BLVD.

B.M. 2-16
F.B. 2856-11

SARATOSA ST.

B.M. 2-15
F.B. 1203-22

WASHINGTON BLVD

B.M. 2-14A
F.B. 2856-9

SLAUSON AVE.

B.M. 2-13D
F.B. 3708-39

S.P.R.R.

B.M. 2-13C
F.B. 3708-37

B.M. 2-12A
F.B. 3708-35

SMITH AVE.

BELL RANCH RD (PVT.)

NORWALK BLVD.

TELEGRAPH RD

B.M. 2-11B
F.B. 3708-34

(LINE 4)

B.M. 2-10A
F.B. 3708-31

LAKELAND RD

(END FOR NOW)

STATE HOSP. ENTRANCE.

B.M. 2-9A

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76P526B CE # 308 8-59

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700 Los Angeles County Engineering Bldg.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — F.B. 4113 Pg. 41
SURVEY BY G.E. DREIER DATE 4-27-71 TIME 8:15 WEATHER CLEAR INST. No 96716
NOTES BY G.E. DREIER DATE 4-27-71 TIME 8:15 ROD No 95 & 94
INDEXED R.J. GALL DATE NOTES CHKD DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA		RIGHT	MIC.	LEFT	STADIA		FROM ____ TO ____
			DETERMINATION OF "C"								
			NEAR ROD					FAR ROD			
1	146	408	4475	148 144	4	102	229	4035	129 75	54	54M- 4M= 50M=0.20 mm
2	154	173	4555	156 152	4	198	342	4995	225 171	54	54M- 4M= 50M=0.20 mm
	300	581			8	300	571			108	
	300	531					0.40 mm				
	+	050 mm				-0.	mm			- 8	Curvature Corr.=0.40 mm
						300	531			100	
						-					
	+ 0.005			mm= "C"							
100	10.50										
									mm= "C"		
						1					

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 60° F.B. 4113 PG. 43
SURVEY BY G.E. DREIER DATE 4-28-71 WEATHER OVERCAST INST. NO. 8216
NOTES BY G.E. DREIER TIME 8:20 ROD NOS. 25 & 26
INDEXED C.J. GATTI DATE NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
			NEAR ROD				FAR ROD		
1	161	231	462	5 163 / 159 4	159	632	460	5 186 / 132 54	54M- 4 M= 50 M=0.20 mm
2	160	570	461	5 162 / 158 4	162	131	463	5 189 / 135 54	54 M- 4 M= 50 M=0.20 mm
	321	801		8	321	763		108	
	321	723				0.40 mm			
	+	078			-0.	mm		+8	Curvature Corr.=0.40 mm
					321	723		108	
		+ 0.008		mm= "C"					
		10.78							
								mm= "C"	

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.1-16 TO B.M.2-16
									B.M.1-16
1	136	497	437 5	171 101 70	183	863	484 5	218 148 70	WHITTIER BLVD. & NORWALK BLVD.
									SEE F.B. 1202-21
2	131	574	432 5	161 101 60	231	216	532 5	261 201 60	
				130				130	
3	110	166	411 5	147 73 74	146	602	447 5	182 110 72	⊼ J. MALDONADO
				204				202	
4	135	989	436 5	171 99 72	162	840	463 5	198 126 72	
				276				274	
5	139	785	440 5	174 104 70	167	631	468 5	201 133 68	
				346				342	
6	139	752	440 5	175 103 72	166	853	467 5	201 131 70	
				418				412	
7	152	210	453	155 149 6	168	100	469 5	175 161 14	
				424 ✓				426 ✓	
B.M.2-16								424	B.M. 2-16
	945	973 ✓			1227	105 ✓		850 ✓	NORWALK BLVD. & ROSEHEDGE DR
					945	973			SEE F.B. 2856-11
					-281	132 ✓			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 61°
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO 96716
NOTES BY G.E. DREIER DATE 4-27-71 TIME 8:25 TO 8:55 ROD NO 95896
INDEXED B.L. GALL DATE NOTES CHKD RCB DATE 6-15-71
F.B. 4113 PG. 45

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

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

Do not extend notes this side of this line.

WEATHER OVERCAST 59° INST. NO 96716
TIME 11:25 TO 10:50 ROD NO 95 & 96
NOTES CHKD RCB DATE 6-15-71

SURVEY OF L.A.Co. PRECISE LEVEL NET JOB NO 030102
SURVEY BY DREIER NOTES G.E. DREIER 4-28-71
INDEXED G. J. GALLI DATE

PG. 46 4115

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 2-16 TO B.M. 1-16
B.M. 2-16	✓				196						182		B.M. 2-16
1	163	774	464	5	130	66	150	201	451	5	118	64	NORWALK BLVD. & ROSEHEDGE DR
					206						171		SEE F.B. 2856-11
2	163	459	464	5	120	86	128	002	429	5	85	86	
						152						150	
3	175	680	476	5	220 130	90	139	707	440	5	183 95	88	T J. MALDONADO
					233	242					126	238	
4	186	369	487	5	139	94	79	745	380	5	32	94	
					256	336					169	332	
5	211	949	512	5	164	92	121	587	422	5	73	96	
						428 ✓						428 ✓	
												428	
	900	331 ✓					619	242 ✓				856 ✓	
B.M. 1-16	619	242											B.M. 1-16
													WHITTIER BLVD. & NORWALK BLVD.
	+281	089 ✓											SEE F.B. 1202-21

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 — F.B. 4113 PG. 47

SURVEY BY G.E. DREIER — WEATHER CLEAR 61°

NOTES BY G.E. DREIER — DATE 4-27-71 — TIME 8:55 TO 9:25 — INST. NO 26716

INDEXED — DATE — NOTES CHKD. RLG — DATE 6-15-71 — ROD NO 25 & 26

C. J. GATTI

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 2-16 TO B.M. 2-15
B.M. 2-16													B.M. 2-16
1	130	388	431	5	166 / 94	72	152	951	453	5	187 / 117	70	NORWALK BLVD. & ROSEHEDGE DR.
													SEE F.B. 2856-11
2	155	450	456	5	190 / 120	70	198	213	499	5	198 / 164	68	
						142						138	
3	131	429	432	5	168 / 94	74	163	901	464	5	202 / 124	78	J. MALDONADO
						216						216	
4	139	461	440	5	199 / 101	76	152	871	453	5	191 / 113	78	
						292						294	
5	137	530	438	5	174 / 100	74	149	331	450	5	184 / 114	70	
						366						364	
6	147	829	448	5	176 / 118	58	158	230	459	5	188 / 128	60	
						424						424	
7	157	579	458	5	173 / 141	32	207	830	508	5	223 / 191	32	
						456 ✓						456 ✓	
B.M. 2-15												456	B.M. 2-15
	999	666 ✓					1183	327 ✓				912	NORWALK BLVD & SARAGOSA ST.
							999	666 ✓					SEE F.B. 1203-22
							183	661 ✓					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER OVERCAST 60° INST. NO 96716

TIME 10:00 TO 10:25 ROD NO 95 & 94

NOTES CHKD RUG DATE 6-15-71

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

SURVEY BY DREIER NOTES G.E. DREIER 4-28-71

INDEXED C.J. GALLI DATE

F.B. 4113 PG. 48

STATION	BACKSIGHT RIGHT	BACKSIGHT MID.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MID.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 2-15 TO B.M. 2-16
B.M. 2-15					245						184		B.M. 2-15
1	203	048	504	5	161	84	142	900	443	5	100	84	NORWALK BLVD. & SARAGOSA ST
													SEE F.B. 1203-22
2	161	179	462	5	197 / 125	72	139	462	440	5	177 / 101	76	
						156						160	
3	156	392	457	5	196 / 116	80	141	411	442	5	180 / 102	78	
						236						238	⊼ J. MALDONADO
4	160	838	461	5	203 / 117	86	124	619	425	5	167 / 81	86	
						322						324	
5	143	627	444	5	185 / 101	84	123	241	424	5	164 / 82	82	
						406						406	
6	168	768	469	5	190 / 146	44	138	902	439	5	160 / 116	44	
						450 ✓						450 ✓	
B.M. 2-16												450	B.M. 2-16
	993	852 ✓					810	535 ✓			↓	900	NORWALK BLVD. & ROSEHEDGE DR.
	810	535											SEE F.B. 2856-1
	+183	317 ✓											

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 F.B. 4113 PG. 49
SURVEY BY G.E. DREIER WEATHER THW OVERCAST INST. NO. 26716
NOTES BY G.E. DREIER DATE 4-28-71 TIME 12:55 TO 1:20 ROD NO. 26895
INDEXED G.J. GALL DATE NOTES CHKD RCB DATE 6-15-71

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 2-16 TO B.M. 2-14A (15)
B.M. 2-16					156						186		B.M. 2-16
1	128	111	429	5	100	56	157	880	458	5	128	58	NORWALK BLVD. & ROSEHEDGE DR.
													SEE F.B. 2856-11
2	153	271	454	5	194 / 112	82	187	622	488	5	226 / 148	78	
						138						136	RERUN
3	125	693	426	5	159 / 91	68	155	682	456	5	190 / 120	70	T. J. MALDONADO
					175	206					193	206	
4	138	374	439	5	101	74	155	541	456	5	117	76	
					178	280					188	282	
5	141	181	442	5	104	74	152	609	453	5	116	72	
						354	309	334				354	
6	132	578	433	5	180 / 84	96	193	344	494	5	242 / 144	98	
						450 ✓						452 ✓	
B.M. 2-15												450	B.M. 2-15
	819	208 ✓					1002	678 ✓			✓	902	NORWALK BLVD. & SARAGOSA ST.
							819	208					SEE F.B. 1203-22
							183	470 ✓					

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.2-15 TO B.M.2-14A
B.M.2-15									B.M.2-15
1	194	958	495 5	227 161 66	169	587	470 5	204 134 70	NORWALK BLVD. & SARAGOSA ST.
									SEE F.B. 1203-22
2	110	220	411 5	142 78 64	162	510	463 5	193 131 62	
				130				132	
3	144	900	445 5	179 109 70	191	721	492 5	226 156 70	⊼ J. MALDONADO
				200				202	
4	158	069	459 5	193 123 70	162	241	463 5	196 128 68	
				270				270	
5	145	391	446 5	160 130 30	144	131	445 5	158 130 28	
				300	✓			298 ✓	
								300	
	753	538 ✓			830	190 ✓		598 ✓	
B.M.2-14A					753	538			B.M.2-14A
									NORWALK BLVD. & WASHINGTON BLVD.
					76	652 ✓			SEE F.B. ~~1203-21~~ 2856-9

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 4-27-71
INDEXED L. GALLI DATE
WEATHER CLEAR 61°
TIME 9:25 TO 9:50
NOTES CHKD RCB
INST. NO 96716
ROD NO 95 & 96
DATE 6-15-71
F.B. 4113 PG. 51

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.2-14A TO B.M.2-15
B.M. 2-14A													B.M. 2-14A
1	146	552	447	5	189 / 146	86	129	573	430	5	172 / 86	86	NORWALK BLVD. & WASHINGTON BLVD
													SEE F.B. 2856-9
2	172	821	473	5	212 / 132	80	124	494	425 / ~~384~~	5	165 / 83	82	
						166						168	⊼ J. MALDONADO
3	166	399	467	5	202 / 130	72	160	260	461	5	197 / 123	74	
						238						242	
4	179	845	480	5	206 / 152	54	174	651	475	5	202 / 146	56	
						292 ✓						298 ✓	
B.M. 2-15												292	B.M. 2-15
	665	617 ✓					588	978 ✓				590	NORWALK BLVD. & SARAGOSA ST.
	588	978											SEE F.B. 1203-22
	+ 76	639 ✓											

60°

WEATHER OVERCAST INST. NO 96716

TIME 940 ROD NO 95891

NOTES CHKD RCB DATE 6-15-71

JOB NO 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-28-71

INDEXED I. GAMM DATE

FIG. 52

4113

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 WEATHER HAZE 64°
NOTES BY G.E. DREIER DATE 4-27-71 TIME 9:50 TO 18:15 INST. NO 26716
INDEXED G.J. GALLI DATE NOTES CHKD. RCB DATE 6-15-71 ROD NO 25 & 26
F.B. 4113 PG. 53

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 2-14A TO B.M. 2-13D
B.M. 2-14A				164				226	B.M. 2-14A
1	130	489	431 5	96 68	191	100	492 5	156 70	NORWALK BLVD & WASHINGTON BLVD.
				184				213	SEE F.B. 2856-9
2	148	542	449 5	112 72	174	709	475 5	135 78	
				140				148	
3	136	371	437 5	172 100 72	163	005	464 5	196 130 66	T R. SIEMANN
				212				214	
4	157	611	458 5	193 121 72	168	837	469 5	203 133 70	
				284				284	
5	142	365	443 5	178 106 72	168	101	469 5	202 134 68	
				356				352	
6	149	928	450 5	180 118 62	160	924	461 5	195 125 70	
				418				422	
7	149	770	450 5	180 118 62	197	667	498 5	225 169 56	
				480	✓			478	✓
								480	
	1015	074	RCB		1224	343	✓		958 ✓
M. 2-13D		6			1015	076			B.M. 2-13D
									NORWALK BLVD. & SLAUSON AVE. E. INT.
					209	269 7	RCB		SEE F.B. 3708-39

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

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

Do not extend notes this side of this line.

INST. NO 96714 ROD NO 2582 DATE 6-15-71
WEATHER OVERCAST 61°
TIME 9:15 TO 9:40
NOTES CHKD R.C.S. DATE
SURVEY OF L.A.Co. PRECISE LEVEL NET JOB NO 0301.02
SURVEY BY DREIER NOTES G.E. DREIER 4-28-71
INDEXED C.J. CALC DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 2-13D TO B.M. 2-14A
B.M. 2-13D													B.M. 2-13D
1	200	975	501	5	255 145	110	148	690	449	5	202 94	108	NORWALK BLVD. & SLAUSON AVE, ETC
													SEE F.B. 3708-39
2	179	982	480	5	228 130	98	137	040	438	5	187 87	100	
						208						208	
3	163	479	464	5	215 111	104	146	000	447	5	198 94	104	
						312						312	℄ R. SIEMANN
4	161	911	462	5	206 116	90	128	742	422	5	165 77	88	
						402						400	
5	161	300	462	5	203 119	84	105	024	406	5	147 64	83	
						486 ✓						483 ✓	
B.M. 2-14A												486	B.M. 2-14A
	867	647 ✓					658	496 ✓				969	NORWALK BLVD. & WASHINGTON BLVD
	658	496											SEE F.B. 2856-9
	+209	151 ✓											

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 G.E. DREIER DATE 4-27-71 WEATHER 66° HAZE
B.J. GALLI TIME 9:15 TO 11:35 INST. NO 26716
INDEXED ROD NO 25896
DATE NOTES CHKD RCB DATE 6-15-71
F.B. 4113 PG. 55

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 2-13D TO B.M. 2-13C
B.M. 2-13D											194		B.M. 2-13D
1	184	630	485	5	216 152	64	160	599	461	5	126	68	NORWALK BLVD. & SLAUSON AVE., E.
													SEE F.B. 3708-39
2	186	265	487	5	219 153	66	151	949	452	5	183 119	64	
						130						132	
3	168	781	469	5	204 132	72	166	364	467	5	202 130	72	R. SIEMANN
						202						204	
4	140	724	441	5	173 107	66	156	909	457	5	187 125	62	
						268						266 ✓	
												268	
	680	400 ✓					635	821 ✓				534 ✓	
B.M. 2-13C	635	821											B.M. 2-13C @ R.R.
													NORWALK BLVD. NEAR SANTE FE CITY LIMITS
	+ 44	579 ✓											SEE F.B. 3708-37
			RERUN 4-28-71 1:30 TEMP = 65° OVERCAST										
B.M. 2-13D													
1	189	590	490	5	227 151	76	157	860	458	5	195 119	76	
2	182	250	483	5	214 150	64	155	041	456	5	186 124	62	
					199	140					200	138	
3	161	761	462	5	123	76	163	928	464	5	126	74	
					193	216					187	212	
4	147	851	448	5	121	52	159	632	460	5	131	56	
						268 ✓						268 ✓	
												268	
B.M. 2-13C	681	452 ✓					636	511 ✓				536 ✓	
	636	511											
	+ 44	941 ✓											

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

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

Do not extend notes this side of this line.

INST. NO. 96716
ROD NO. 95 E 21
DATE 6-15-71
WEATHER OVERCAST 59°
TIME 9:00 TO 9:15
NOTES CHKD RCB
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER 4-28-71
INDEXED C.J. GANT DATE
JOB NO. 0301.02
4113 P.S. 26

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT		MIC.	LEFT.		STADIA	RIGHT		MIC.	LEFT.		STADIA	FROM B.M. 2-13C TO B.M. 2-13D
B.M. 2-13C													B.M. 2-13C
1	~~152~~		313	453	5	188 146 72	171		620	472	5	223 119 104	NORWALK BLVD. NEAR SANTA FE CITY LIM
	180		442	481	5	231 129 102							SEE F.B. 3708-37
2	149		908	450	5	199 99 100	182		999	483	5	231 133 98	
						202						202	
3	166		300	467	5	201 131 70	186		877	487	5	221 151 70	↑ R. SIEMANN
						272 ✓						272 ✓	
												272	
	496		650 ✓				541		496 ✓			544 ✓	
B.M. 2-13D							496		650				B.M. 2-13D
							44		846 ✓				NORWALK BLVD. & SLAUSON AVE
													SEE F.B. 3708-39

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 WEATHER HAZE 67°
NOTES BY G.E. DREIER DATE 4-27-71 TIME 10:35 TO 11:15 INST. NO. 26716
INDEXED C.S. CALL DATE NOTES CHKD. RCB DATE 6-15-71 ROD NO. 25896
F.B. 4113 PG. 57

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 2-13C TO B.M. 2-12A
B.M. 2-13C													B.M. 2-13C
1	165	370	466	5	200 130	7 80	107	721	408	5	142 72	70	NORWALK BLVD. & SANTE FE CITY LIMITS
													SEE F.B. 3708-37
2	222	180	523	5	259 185	74 144	189	230	490	5	225 153	72 142	
3	152	373	453	5	188 116	72 216	123	982	423	5	159 85	74 216	∧ R. SIEMANN
4	149	120	450	5	184 114	70 286	142	573	443	5	176 108	68 284	
5	131	153	432	5	166 96	70 356	186	778	487	5	222 150	72 356	
6	139	108	440	5	174 104	70 426	181	809	482	5	216 146	70 426	
7	136	375	437	5	165 107	58 484	178	164	479	5	207 149	58 484	
8	147	910	448	5	176 118	58 542	174	588	475	5	202 146	56 540	
9	155	418	456	5	164 146	18 560	139	466	440	5	149 139	20 560	
B.M. 2-12A												560	B.M. 2-12A
	1399	007					1423	311				120	NORWALK BLVD. 400 FT. N. OF SMITH DR
							1399	007					SEE F.B. 3708-35
							-24	304					

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. 2-12A TO B.M. 2-13C
B.M. 2-12A													B.M. 2-12A
1	157	869	458	5	212 / 102	110	127	469	428	5	182 / 72	110	NORWALK BLVD. ±400 FT. N. OF SMITH DR
													SEE F.B. 3708-35
2	198	630	499	5	249 / 147	102	126	900	427	5	177 / 75	102	
						212						212	
3	193	651	494	5	243 / 143	100	159	188	460	5	208 / 110	98	⊼ R. SIEMANN
						312						310	
4	143	410	444	5	194 / 92	102	182	412	483	5	234 / 130	104	
						414						414	
5	197	660	498	5	245 / 149	96	242	210	543	5	289 / 195	94	
						510						508	
6	149	510	450	5	177 / 121	56	178	581	479	5	207 / 149	58	
						566 ✓						566 ✓	
												566	
	1040	730 ✓					1016	7 ~~6~~60 ✓				1132 ✓	
B.M. 2-13C	1016	7 ~~6~~60											B.M. 2-13C
	+2~~4~~3	970 ✓											NORWALK BLVD. N. OF R.R. NEAR SANTA FE CITY LIMITS
													SEE F.B. 3708-37

58°

WEATHER OVERCAST INST. NO 9671

TIME 8:30 TO 9:00 ROD NO 9589

NOTES CHKD RCB DATE 6-15-71

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-28-71

INDEXED G.J. GALLI DATE

4115 ..38

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO.
NOTES BY G.E. DREIER DATE 4-28-71 TIME 2:00 TO 2:35 ROD NO. 25816
INDEXED R.J. GALLI DATE NOTES CHKD. RCB DATE 6-15-71

F.B. 4113 PG. 59

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													RERUN
													FROM BM. 2-13C TO B.M. 2-12A
B.M. 2-13C													B.M. 2-13C
1	205	131	506	5	238 172	66	136	111	437	5	170 102	72	NORWALK BLVD. & RR NEAR SANTE FE SD. (City Limit)
													SEE F.B. 3708-37
2	192	554	493	5	238 146	92	187	191	488	5	233 141	92	
						158						164	
3	177	808	478	5	217 137	80	151	336	452	5	188 114	74	RERUN
						238						238	R. SIEMANN
4	172	392	473	5	213 131	82	173	491	474	5	213 133	80	
						320						318	
5	132	482	433	5	170 94	76	183	822	484	5	221 145	76	
						396						394	
6	128	928	429	5	171 86	85	184	460	485	5	227 141	86	
						481					187	480	
7	134	978	435	5	177 91	86	151	998	452	5	115	72	
						567	✓					552 ✓	
												567	B.M. 2-12A
B.M. 2-12A	1144	273	✓				1168	409	✓			1119	NORWALK BLVD. ± 400 FT. N. OF SMITHDR
							1144	273					SEE F.B. 3708-35
							- 24	136	✓				

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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F.B. 4113 Pg. 60 JOB NO. 030102

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-28-71

INDEXED O. J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 2:35 TO 3105 ROD NO. 95 & 96

NOTES CHKD RCG DATE 6-15-71

RERUN ✓

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M.2-12A TO B.M.2-13C
B.M.2-12A									B.M.2-12A
1	152	179	453 5	192 / 112 / 80	141	638	442 5	184 / 101 / 80	NORWALK BLVD. ± 400 FT. N. OF SOUTH DR.
									SEE F.B. 3708-35
2	185	401	486 5	224 / 146 / 78	130	000	431 5	169 / 91 / 78	
				158				158	
3	187	427	488 5	225 / 149 / 76	140	562	441 5	178 / 102 / 76	RERUN
				234				234	T R. SIEMANN
4	192	260	493 5	232 / 152 / 80	176	678	477 5	216 / 136 / 80	
				314				314	
5	156	180	457 5	194 / 118 / 76	182	089	483 5	220 / 144 / 76	
				390				390	
6	166	353	467 5	209 / 123 / 86	171	395	472 5	213 / 129 / 84	
				476				474	
7	110	301	411 5	156 / 64 / 92	183	675	484 5	227 / 139 / 88	
				568 ✓				562 ✓	
								568	
B.M.2-13C									B.M.2-13C
	1150 101 ✓				1126 037 ✓			1130	NORWALK BLVD. & R.R. AT SANTE FE SPRINGS CITY LIMIT
	1126 037								SEE F.B. 3708-37
	+ 24 064 ✓								

76P526B CE # 308 8/68

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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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=70° F.B. 4113 PG. 61
SURVEY BY G.E. DREIER WEATHER LT. WIND INST. NO. 96776
NOTES BY SIEMANN DATE 4-27-71 TIME 11:20 TO 12:00 ROD NO. 25496
INDEXED GALLI DATE NOTES CHKD. RCG DATE 6-15-71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 2-12A TO B.M. 2-11B
B.M. 2-12A											B.M. 2-12A
1	1450	0750	4466	5	182 108 74	2000	3230	5015	5	238 162 76	NORWALK BLVD. 400 FT. N. OF SMITH DR.
											SEE F.B. 3708-35
2	1500	4820	4511	5	179 121 58	1720	8340	4735	5	201 143 58	
3	1300	2570	4310	5	167 93 74 (132)	1910	1000	4920	5	228 154 74 (134)	
4	1280	4350	4290	5	160 96 64 (206)	1900	7080	4910	5	221 159 62 (208)	
											T = DREIER
5	1120	4690	4130	5	141 83 58 (270)	2110	1550	5120	5	245 177 68 (270)	
6	1340	4520	4350	5	168 100 68 (338)	1570	2680	4580	5	186 128 58 (338)	
7	1560	3670	4570	5	190 122 68 (396)	1750	5610	4760	5	208 142 66 (396)	
					464 ✓					462 ✓	
										464	B.M. 2-11B
M.2-11B										↘ 926	NORWALK BLVD. & TELEGRAPH RD.
	9570	5370 ✓				2980	9490 ✓				SEE F.B. 3708-34
						9570	5370				
						3410	4120 ✓				

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 2-11 B TO B.M. 2-12A
B.M. 2-11 B													B.M. 2-11 B
1	184	021	485	5	214 154	60	182	002	483	5	216 148	68	NORWALK BLVD. & TELEGRAPH RD.
													SEE F.B. 3708-34
2	165	135	466	5	195 135	60	136	817	437	5	162 110	52	
						120						120	
3	197	609	498	5	229 165	64	109	351	410	5	141 77	64	
						184						184	
4	211	005	512	5	248 174	74	124	698	425	5	160 88	72	
						258						256	π = DREIER
5	184	255	485	5	219 149	70	132	349	433	5	167 97	70	
						328						326	
6	177	307	478	5	212 142	70	145	425	446	5	180 110	70	
						398	830	642				396	
7	148	738	449	5	181 115	66	96	183	397	5	130 62	68	
						464 ✓						464 ✓	
B.M. 2-12 A												464	B.M. 2-12A
	1268	070 ✓					926	825 ✓				928	NORWALK BLVD. 400 FT. ± N. OF
	926	825											SMITH RD.
	+341	245 ✓											SEE F.B. 3708-35

T = 70°

WEATHER WINDY INST. NO. 86716

TIME 3:10 TO 3:40 ROD NO. 95496

NOTES CHKD. RCB DATE 6-15-71

JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-27-71

INDEXED J. GALLY DATE

4113 PG. 62

76P526B CE # 308 8/68

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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 = 72°
SURVEY BY G.E. DREIER WEATHER WINDY INST. NO. 96716
NOTES BY SIEMANN DATE 4-27-71 TIME 1:20 TO 1:55 ROD NO. 95496
INDEXED J. GALLI DATE NOTES CHKD. RCR DATE 6-15-71
F.B. 4113 PG 63

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 2-11 B TO B.M. 2-10 A
M.2-11 B													B.M. 2-11 B
1	134	052	435	5	154 / 114	40	184	489	485	5	204 / 164	40	NORWALK BLVD. & TELEGRAPH RD.
													SEE F.B. 3708-31
2	136	332	437	5	168 / 104	64	167	850	468	5	199 / 135	64	
						104						104	
3	132	897	433	5	165 / 99	64	213	726	514	5	276 / 180	66	
						168						170	
4	163	046	464	5	196 / 130	66	178	785	479	5	211 / 145	66	T = DREIER
						234						236	
5	163	114	464	5	199 / 127	72	180	654	481	5	215 / 144	71	
						306						307	
6	141	348	442	5	174 / 108	66	173	773	474	5	206 / 140	66	
						372						373	
7	132	396	433	5	163 / 101	62	173	231	474	5	204 / 142	62	
						434						435	
8	96	018	397	5	133 / 59	74	193	805	494	5	229 / 157	72	
						508						507	
9	134	458	435	5	163 / 105	58	198	255	499	5	169	58	
						566	✓					565	✓
												566	B.M. 2-10 A
M.2-10A													
	233	661	✓				1664	568	✓			1131	NORWALK BLVD. & LAKELAND RD.
							1233	661					SEE F.B. 3708-31
							430	907	✓				

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 2-10A TO B.M. 2-11B
B.M. 2-10A													B.M. 2-10A
1	207	090	508	5	238 176	62	135	392	436	5	165 105	60	NORWALK BLVD. & LAKELAND RD.
													SEE F.B. 3708-32
2	197	503	498	5	234 160	74	108	042	409	5	144 72	72	
						136						132	
3	164	804	465	5	197 131	66	126	267	427	5	160 92	68	
						202						200	
4	173	662	474	5	211 135	76	145	248	446	5	184 106	78	
						278						278	
5	175	975	476	5	207 143	64	138	947	439	5	170 106	64	⊼ = DREIER
						342						342	
6	180	525	481	5	216 144	72	145	060	446	5	181 109	72	
						414						414	
7	181	780	482	5	215 147	68	139	222	440	5	173 105	68	
						482						482	
8	186	556	487	5	217 155	62	127	459	428	5	158 96	62	
						544						544	
9	189	945	490	5	204 174	30	161	323	462	5	176 146	30	✓
						574						574	
B.M. 2-11B												574	B.M. 2-11B
	1654	840 ✓					1226	960 ✓				1148	NORWALK BLVD. & TELEGRAPH RD
	1226	960											SEE F.B. 3708-34
	+430	880 ✓											

F.B. 4113 PG. 64 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-27-71

INDEXED J. GALLI DATE

T = 72°

WEATHER WINDY INST. NO. 96716

TIME 2:35 TO 3:05 ROD NO. 95896

NOTES CHKD RCB DATE 6-15-71

76P526B CE # 308 8/68

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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. 2-10A TO B.M. 2-9A
M. 2-10A									B.M. 2-10A
1	118	931	419 5	154 82 72	204	390	505 5	239 169 70	NORWALK BLVD. & LAKELAND RD.
									SEE F.B. 3708-31
2	127	540	428 5	161 93 68	191	291	492 5	226 156 70	
				140				140	
3	100	525	401 5	138 62 76	199	957	500 5	237 161 76	
				216				216	π = MALDONADO
4	109	752	410 5	141 77 64	184	370	485 5	217 152 65	
				280				281	
5	130	238	431 5	153 107 46	203	251	504 5	226 180 46	
				326	✓			327	✓
M. 2-9A								326	B.M. 2-9A
	586	986	✓		983	259	✓	653	NORWALK BLVD. & ENTRANCE TO
					586	986			METROPOLITAN STATE HOSP.
					396	273	✓		SEE F.B. 2856-10

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 72°

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 4-27-71

INDEXED G. J. GALLI DATE

WEATHER WINDY

TIME 1:55 TO 2:10

NOTES CHKD RCB

INST. NO 96716

ROD NO. 95496

DATE 6-15-71

F.B. 4113 PG. 65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 2-9A TO B.M. 2-10A
B.M. 2-9A													B.M. 2-9A
1	204	159	505	5	235 173	62	106	860	407	5	137 75	62	NORWALK BLVD. & ENTRANCE TO
													METROPOLITAN STATE HOSPITAL
2	196	546	497	5	229 162	67	120	491	421	5	155 85	70	SEE F.B. 2856-10
						129						132	
3	184	374	485	5	218 150	68	101	839	402	5	134 68	66	
						197						198	
4	190	723	491	5	220 160	60	117	808	418	5	146 87	59	π = MALDONADO
						257						257	
5	191	602	492	5	225 157	~~382~~	124	253	425	5	156 92	64	
						68						321 ✓	
B.M. 2-10A						325 ✓						325	B.M. 2-10A
	967	404 ✓					571	251 ✓				646	NORWALK BLVD. & LAKELAND RD
	571	251											SEE F.B. 3708-31
	+396	153 ✓											

T = 72°

WEATHER WINDY INST. NO 96716

TIME 2:15 TO 2:30 ROD NO 95896

NOTES CHKD RCB DATE 6-15-71

F.B. 4113 PG. 66 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-27-71

INDEXED C. J. GALLI DATE

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes Date APRIL 1971
Date	Indexed J. GALLO MAY 21 '71

F. B. 4113 PG. 71

JOB NO. 0301.02

L.A.CO. PRECISE LEVEL NET

PART OF LINE NO. 51, 1971 RELEVELING

DESCRIPTION REFERENCE
F.B. 2408

DREIER
MALDONADO
SIEMANN
McKNIGHT
MIYAHIRA

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

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F109S CE#310 3-69

F.B. 4113 PG 72

ROUTE SKETCH

PORTION OF LINE 51, MAY 1970 RELEVELING

PLEASE RETURN TO
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DEPARTMENT OF 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.

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76P526B CE # 308 8-59

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-60 F.B. 413 PG. 73
SURVEY BY G.E. Dreier WEATHER Overcast INST. NO. 26716
NOTES BY Maldonado DATE 5-13-71 TIME 9:30 ROD NO. 8596
INDEXED E.J. GALLI DATE NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ___ TO ___
					DETERMINATION OF "C"				
					NEAR ROD				FAR ROD
1	155	950	456 5	157 153 4	140	131	441 5	167 113 54	54 M- 4 M= 50 M=0.20 mm
2	161	190	462 5	163 159 4	177	016	478 5	204 150 54	54 M- 4 M= 50 M=0.20 mm
	317	140		8	317	147		108	
	317	107				0.40 mm		8	
	+	033			-0.	mm			Curvature Corr.=0.40 mm
						107		100	
					-				
		+ 0.203		mm= "C"					
	100	0.330							
							mm= "C"		

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 = 60°

SURVEY BY G.P. DREIER WEATHER OVERCAST INST. NO. 96916

NOTES BY SIEMANN DATE 5-14-71 TIME 8:40 TO 8:45 ROD NO. 95696

INDEXED G.L. GALLI DATE NOTES CHKD DATE

F.B. 4113 PG. 75

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	973	448 5	149 145 4	132	723	433 5	159 105 54	54 M- 4 M= 50 M=0.20 mm
2	153	522	454 5	155 151 4	168	810	469 5	195 141 54	54 M- 4 M= 50 M=0.20 mm
	301	495		8	301	533		108	
	301	493				040		8	
	+	002			-0.	mm			Curvature Corr.=0.40 mm
					301	493		100	
					-				
			000	mm= "C"					
	100	002							
							mm= "C"		

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= 66°

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

NOTES BY SIEMANN DATE 5-17-71 TIME 8:30 TO 8:35 ROD NO. 95096

INDEXED C. J. GALLI DATE NOTES CHKD DATE

F.B. 4113 PG. 77

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	149	852	450 5	151 147 4	134	588	435 5	161 107 54	54 M- 4 M= 50 M=0.020mm
2	153	749	454 5	155 151 4	169	033	470 5	196 142 54	54 M- 4 M= 50 M=0.020mm
	303	601		8	303	621		108	
	303	581				040			
	+	020			-0.	mm		8	Curvature Corr.=0.040mm
					303.	581		100	
					-				
			002	mm= "C"					
	100	020							
							mm= "C"		

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= 60° F.B. 4113 PG. 79
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 96716
NOTES BY SIE MANN DATE 5-14-71 TIME 8:30 TO 8:50 ROD NO. 75496
INDEXED C.J. GALO DATE NOTES CHKD. RDS DATE 6-7-71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 51-11 TO B.M. 51-12
M.51-11	3								B.M. 51-11
1	178 581	479	5	208 148 60	140 587	461	5	170 110 60	BEVERLY BLVD. & LEXINGTON AVE RD.
									SEE F.B. 2408-17
2	168 809	469	5	212 124 88	121 502	422	5	165 77 88	
				148				148	
3	164 077	465	5	206 122 84	134 689	435	5	176 92 84	
				232				232	T = MALDONADO
4	176 085	477	5	223 129 94	147 038	448	5	194 100 94	
				326				326	
5	159 571	460	5	202 116 86	164 393	465	5	206 122 84	
				412				410	
6	140 707	441	5	170 110 60	187 750	488	5	217 157 60	
				472 ✓				470 ✓	
								472	B.M. 51-12
M.51-12	987830 ✓				895959 ✓			✓ 942	BEVERLY BLVD. & DURFEE AVE.
	895959								SEE F.B. 2408-18
	+ 91871 ✓								

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. 51-12 TO B.M. 51-11
B.M. 51-12													B.M. 51-12
1	189	521	490	5	227 151	76	136	180	437	5	174 98	76	BEVERLY BLVD. & DURFEE AV
													SEE F.B. 2408-18
2	149	450	450	5	180 118	62	149	401	450	5	180 118	62	
						138						138	
3	153	439	454	5	192 114	78	152	071	453	5	190 114	76	
						216						214	π = MALDONADO
4	114	640	415	5	147 81	66	160	253	461	5	196 124	72	
						282						286	
5	135	197	436	5	164 106	58	182	057	483	5	208 156	52	
						340						338	
6	156	316	457	5	198 114	84	186	615	487	5	228 144	84	
						424						422	
7	~~160~~	~~756~~	~~461~~	~~5~~	~~182~~ ~~138~~	~~44~~	184	232	485	5	108 160	48	
	160	450	461	5	184 136	~~468~~ 48						470	
B.M. 51-11												~~468~~ 72	B.M. 51-11
	~~9~~	~~319~~				472	1150	809	✓			942	BEVERLY BLVD. & LEXINGTON RD
	1059	013	✓				1059	013					SEE F.B. 2408-17
							91	796	✓				

T = 74°

WEATHER LT. WIND INST. NO. 96711

TIME 2:10 TO 2:30 ROD NO. 95496

NOTES CHKD RCB DATE 6-7-71

FIG. 4113 PG. 80 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-14-71

INDEXED C.J. CAMP DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 60°
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO 96716
NOTES BY SIEMANN DATE 5-14-71 TIME 8:55 TO 9:15 ROD NO 95196
INDEXED J. GALLI DATE NOTES CHKD RCR DATE 6-7-71
F.B. 4113 PG. 81

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 51-12 TO B.M. 51-13
M.51-12					194						230		B.M. 51-12
1	151	283	452	5	108	86	187	341	488	5	144	86	BEVERLY BLVD. & DURFEE AVE.
					180						215		SEE F.B. ◆2408-18
2	135	899	436	5	90	90	170	701	471	5	125	90	
						176						176	
3	154	389	455	5	196 / 112	84	3	861	304	5	146 / 3	86	T = MALDONADO
						260						262	
4	290	695	591	5	290 / 270	40	60	203	361	5	80 / 40	40	
					291	300					126	302	
5	26 3/4	318	564	5	235	56	99	751	400	5	72	54	
						356	✓					356	✓
												356	
M.51-13													B.M. 51-13
	995	584	✓				521	857	✓			712	BEVERLY BLVD. & SAN GABRIEL
	521	857											RIVER. S.W. COR.
	+ 473	727	✓										SEE F.B. 2408-19

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. 51-13 TO B.M. 51-12
B.M. 51-13									B.M. 51-13
1	109	236	410 5	135 83 52	226	702	527 5	252 200 52	BEVERLY BLVD. & SAN GABRIEL
									RIVER. S.W. COR.
2	13	981	314 5	1/2 38 13 50	298	999	599 5	1/2 298 273 50	SEE F.B. 2408-19
				102				102	
3	18	030	319 5	1/2 51 18 66	166	963	467 5	196 133 66	
				168				168	π = MALDONADO
4	179	406	480 5	212 146 66	130	999	431 5	163 97 66	
				234				234	
5	160	627	461 5	192 128 64	134	321	435 5	167 103 64	
				298				298	
1	100	159	401 5	130 70 60	256	022	557 5	286 226 60	
2	8	728	309 5	1/2 30 8 44	278	482	579 5	300 256 44	
				104				104	
3	35	781	336 5	67 3 64	160	162	461 5	195 125 70	
				168				174	
4	173	267	474 5	206 140 66	126	639	427 5	161 91 70	
				234				244	
5	160	923	461 5	195 125 70	132	939	433 5	160 104 56	
				304				300	
6	155	472	456 5	184 126 58	153	468	454 5	183 123 60	
				362 ✓				360 ✓	
B.M. 51-12								362	B.M. 51-12
	634	330 ✓			107	712 ✓		722	BEVERLY BLVD. & DURFEE AVE.
					634	330			SEE F.B. 2408-18
				-	473	382 ✓			

T = 74°

WEATHER OVERCAST INST. NO. 96716

TIME 1:15 TO ROD NO. 95896

NOTES CHKD. RCB DATE 6-7-71

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-14-71

INDEXED C. J. GALLI DATE

4113 PG. 82

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 = 66°
F.B. 4113 PG. 83
SURVEY BY C.E. DREILER WEATHER SUNNY INST. NO. 26716
NOTES BY SLE MANN. DATE 5-17-71 TIME 8:40 TO 9:10 ROD NO. 25496
INDEXED C.J. GALLI DATE NOTES CHKD. RCG DATE 6-7-71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
								RERUN	FROM B.M. 51-12 TO B.M. 51-13
M.51-12				173				204	B.M. 51-12
1	138	637	439 5	103 70	168	911	469 5	132 72	BEVERLY BLVD & DURFEE AVE.
									SEE F.B. 2408-18
2	139	829	440 5	176 102 74	166	127	467 5	201 131 70	
				167 144				196 142	RERUN
3	135	522	436 5	103 64	164	419	465 5	132 64	T = MALDONADO
				216 208				75 206	
4	188	068	489 5	160 56	48	628	349 5	21 54	
				278 264				55 260	
5	262	422	563 5	246 32	37	191	338 5	19 36	
				279 296				131 296	
6	254	957	555 5	229 50	106	856	407 5	81 50	
				191 346				145 346	
7	181	304	482 5	171 20	134	858	435 5	125 20	
				366 ✓				366 ✓	
								366	B.M. 51-13
M.51-13	300	739 ✓			826	990 ✓		732 ✓	BEVERLY BLVD. & SAN GABRIEL
	826	990							RIVER. S.W. COR.
	473	749 ✓							SEE F.B. 2408-17

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 RERUN RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 51-13 TO B.M. 51-12
B.M. 51-13													B.M. 51-13
1	107	680	408	5	132 / 82	50	221	137	522	5	246 / 196	50	BEVERLY BLVD. & SAN GABRIEL RIVER. S.W. COR.
2	14	912	315	5	1/2 39 / 14	50	295	972	596	5	295 / 271	48	SEE F.B. 2408-19
						100						98	
3	12	256	313	5	1/2 44 / 12	64	170	636	471	5	202 / 138	64	RERUN
						164						162	
4	171	350	472	5	204 / 138	66	128	774	429	5	162 / 94	68	T = MALDONADO
						230						230	
5	167	571	468	5	198 / 136	62	135	639	436	5	165 / 105	60	
						292						290	
6	160	102	461	5	192 / 128	64	155	166	456	5	189 / 121	68	
						356 ✓						358 ✓	
B.M. 51-12												356	B.M. 51-12
	633	871 ✓					107	324 ✓				714	BEVERLY BLVD. & DURFEE AVE.
							633	871					SEE F.B. 2408-18
							473	453 ✓					

T = 76°

WEATHER HAZY SUN INST. NO 9671

TIME 2:45 TO ROD NO 9589

NOTES CHKD RCB DATE 6-7-71

F.B. 4113 PG. 84 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-14-71

INDEXED J. GALL 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= 74°
SURVEY BY G.E. DREIER WEATHER LT. WIND F.B. 4113 PG. 85
NOTES BY SIEMANN DATE 5-17-71 TIME 9:40 TO 10:40 INST. NO. 086716
INDEXED G.J. GALLI DATE NOTES CHKD RCB DATE 6-7-71 ROD NO. 35949

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 51-12 TO B.M. 51-13
B.M. 51-12													B.M. 51-12
1	152	765	453	5	121	62	163	663	464	5	133	60	BEVERLY BLVD & DUREE AVE.
													SEE F.B. 2408-18
2	131	656	432	5	100	62	174	860	475	5	142	64	
						124						124	
3	147	257	148	5	117	60	167	170	468	5	137	60	T = DREIER
						184						184	
4	142	400	443	5	110	64	49	837	350	5	17	64	2nd RE RUN
						248						248	
5	273	425	574	5	252	42	23	310	324	5	2	42	
						290						290	
6	289	933	590	5	225	68	85	068	386	5	51	68	
						358 ✓						358 ✓	
B.M. 51-13												358	B.M. 51-13
	1137	436	✓				663	808	✓			716	BEVERLY BLVD. & SAN GABRIEL
	663	908						9					RIVER. S.W. COR.
+	473	528	✓										SEE F.B. 2408-19

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. 51-13 TO B.M. 51-12
B.M. 51-13									B.M. 51-13
1	101	796	402 5	131 71 60	273	491	574 5	304 242 62	BEVERLY BLVD. & SAN GABRIEL
									RIVER. S.W. COR.
2	15	154	316 5	139 215 48	295	726	596 5	1295 271 48	SEE F.B. 2408-19
				108				110	
3	44	192	345 5	74 14 60	144	687	445 5	173 115 58	
				168				168	⊼ = DREIER
4	170	737	471 5	204 136 68	141	841	442 5	176 106 70	
				236				238	2nd RE RUN
5	174	882	475 5	209 139 70	146	392	447 5	180 112 68	
				306				306	
6	191	192	492 5	218 164 54	169	329	470 5	196 142 54	
				360 ✓				360 ✓	
B.M. 51-12								360	B.M. 51-12
	697	953 ✓			171	466 ✓		720	BEVERLY BLVD. & DURFEE AVE
					697	953			SEE F.B. 2408-18
				-	473	513 ✓			

T = 74°

WEATHER LT. WIND INST. NO 96716

TIME 9:15 TO 9:40 ROD NO 95 & 91

NOTES CHKD RCB DATE 6-7-71

F.B. 4113 PG. 86 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-17-71

INDEXED I. GANN DATE

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T = 60° F.B. 4113 PG. 87

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

NOTES BY SIEMANN DATE 5-14-71 TIME 9:15 TO 9:20 ROD NO. 95896

INDEXED C. J. GALLI DATE NOTES CHKD RCB DATE 6-7-71

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. 51-13 TO B.M. 51-13A
.M. 51-13									B.M. 51-13
	131	451	432 5	136 126 10	130	090	431 5	136 124 12	BEVERLY BLVD. & SAN GABRIEL RIVER
									S.W. COR. SEE F.B. 2408-19
	130	090						10	
									T = MALDONADO
.M. 51-13A									B.M. 51-13A
+	1	361 ✓						22	BEVERLY BLVD. & SAN GABRIEL RIVER.
									N.W. COR. SEE F.B. 2408-19

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 B.M. 51-13A TO B.M. 51-13
B.M. 51-13A													B.M. 51-13A
	131	052	432	5	135 127	8	132	423	433	5	136 128	8	BEVERLY BLVD. & SAN GABRIEL RIVER.
													N.W. COR. SEE F.B. 2408-19
													T = MALDONADO
B.M. 51-13							131	052				8	B.M. 51-13
								371 ✓				16	BEVERLY BLVD. & SAN GABRIEL
													RIVER. S.W. COR.
													SEE F.B. 2408-19

T = 64°

WEATHER OVERCAST INST. NO 96TW

TIME 11:40 TO 11-45 ROD NO 95896

NOTES CHKD RCB DATE 6-7-71

F.B. 4113 PG. 88 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-14-71

INDEXED J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 60°
SURVEY BY G.E. DREIER WEATHER OVER CAST INST. NO. 16716
NOTES BY SIEMANN DATE 5-14-71 TIME 9:20 TO 10:00 ROD NO. 95896
INDEXED [illegible] CALL DATE NOTES CHKD RCB DATE 6-7-71
F.B. 4113 PG. 89

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 51-13A TO 51-14
M.51-13A					213					163	B.M. 51-13A
1	177	602	478	5	141 72	130	633	431	5	97 64	BEVERLY BLVD. & SAN GABRIEL RIVER. S.W. COR.
2	249	367	550	5	276 222 54	4	307	305	5	27 4 46	SEE F.B. 2408-19
					126					110	
3	229	175	530	5	236 222 14	66	712	367	5	80 52 28	
					140					138	
4	256	682	557	5	270 242 28	63	480	364	5	77 49 28	
					168					166	
5	274	834	575	5	303 245 58	108	003	409	5	138 78 60	
					226					226	T = MALDON A00
6	242	028	543	5	260 224 36	47	747	348	5	66 28 38	
					262					264	
7	300	969	601	5	300 281 38	4	728	305	5	20 4 32	
					300					296	
8	296	298	597	5	296 274 44	92	286	393	5	117 67 50	
					344 ✓					346 ✓	
M.51-14										344	B.M. 51-14
	2026955 ✓					517896 ✓				690	BEVERLY BLVD. & PIONEER BLVD.
	517896										SEE F.B. 2408-20
	+ 509059 ✓										

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. 51-14 TO B.M. 51-13A
B.M. 51-14													B.M. 51-14
1	83	270	384	5	110 / 56	54	296	918	597	5	296 / 272	48	BEVERLY BLVD. & PIONEER BLV
													SEE F.B. 2408-20
2	37	589	338	5	46 / 28	18	259	193	560	5	272 / 246	26	
						72						74	
3	15	839	316	5	32 / -2	34	220	551	521	5	237 / 203	34	
						106						108	
4	71	099	372	5	109 / 33	76	292	837	593	5	292 / 258	68	
						182						176	⊼ = MALDONADO
5	48	668	349	5	64 / 32	32	282	048	583	5	282 / 263	38	
						214						214	
6	39	448	340	5	51 / 27	24	250	558	551	5	264 / 236	28	
						238						242	
7	35	222	336	5	54 / 16	38	195	102	496	5	214 / 176	38	
						276						280	
8	131	327	432	5	166 / 96	70	174	318	475	5	208 / 140	68	
						346 ✓						348 ✓	
B.M. 51-13A												346	B.M. 51-13A
	462	462 ✓					1971	525 ✓				694	BEVERLY BLVD. & SAN GABRIE
							462	462					RIVER. N.W. COR.
							1509	063 ✓					SEE F.B. 2408-19

T = 64°

WEATHER OVERCAST INST. NO. 96716

TIME 11:00 TO 11:40 ROD NO. 95896

NOTES CHKD RCB DATE 6-7-71

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-14-71

INDEXED C. J. GALL DATE

F.B. 4113 PG. 90

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 51-14 TO B.M. 11-129C
BM 51-14				294				96	BM 51-14
1	248	222	549 5	202 92	50	150	351 5	4 92	Beverly Blvd. & Pioneer Blvd.
				294				130	F.B. 2408-20
2	294	702	595 5	250½ 88	85	352	386 5	40 90	
				245 180				170 182	
3	197	682	498 5	149 96	122	959	423 5	74 96	
				302 276	253	670	554 5	298 278	T-Siemann
4	257	882	558 5	212 90	~~10~~	~~476~~	~~311~~ ~~5~~	~~44~~ ~~10~~ 6 90	
				249 368				208 368	
5	215	187	516 5	181 68	19	054	320 5	53½ 19½ 68	
				297 434				166 436	BM 11-129C
6	271	997	572 5	245 52	140	631	441 5	114 52	Beverly Blvd. & Norwalk Blvd. &
BM 11-129C				187 486				178 488	Workman Mill Rd.
7	168	688	469 5	149 38	161	575	462 5	144 34	See F.B. 3711-52
				524 ✓				522 ✓	
								524	
	1654	360 ✓			833	391 ✓		1046 ✓	
	833	391			~~165~~	~~360~~			
	+820	969 ✓			~~668~~	~~031~~			

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 5-14-71

INDEXED B.J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 10:00 to 10:30 ROD NO. 95896

NOTES CHKD RCB DATE 6-7-71

T-66°

F.B. 4113 PG. 91

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INST. NO. 96714 ROD NO. 95296 DATE 6-7-71
WEATHER Overcast TIME 10:35+0 NOTES CHKD RCB
T-62°
JOB NO 030.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Dreier NOTES Maldonado 5-14-71
INDEXED C.T. CALC DATE
F.B. 4113 PG. 92

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 11-129C TO BM 51-14
B.M.- 11-129C					277						306		BM 11-129C
1	241	430	542	5	205	72	275	800	576	5	244	62	Beverly Blvd. & Norwalk Blvd. &
					40						281½		Workman Mill Rd.
2	10	630	311	5	10½	60	281	660	582	5	249½	64	See F.B. 2711-52
					157	132					251	126	
3	107	595	408	5	57	100	198	650	499	5	145	106	
					160	232					575½	232	T-Sicuman
4	113	062	414	5	66	94	275	830	576	5	228½	94	
					64,	326					272	326	
5	10	999	311	5	10½	108	272	508	573	5	218½	108	
						434 ✓						434 ✓	
6												434	
	483	716 ✓					1304	448 ✓				868 ✓	
							483	716					
							+820	732 ✓					
BM 51-14													BM 51-14
													Beverly Blvd. & Pioneer Blvd.
													See F.B. 2408-20

Notes Ck'd by	Survey of L.A.Co.PRECISE LEVEL NET F. B. 4113 PG. 97
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E.DREIER
Checked	Notes Date MAY 1970
Date	Indexed C. J. GALLI MAY 21 '71

JOB NO. 0301.02

L.A.CO. PRECISE LEVEL NET

LINE NO. 38, APRIL & MAY 1970 RELEVELING

DESCRIPTION REFERENCES

F.B. 1359

F.B. 2888

F.B. 3709

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.

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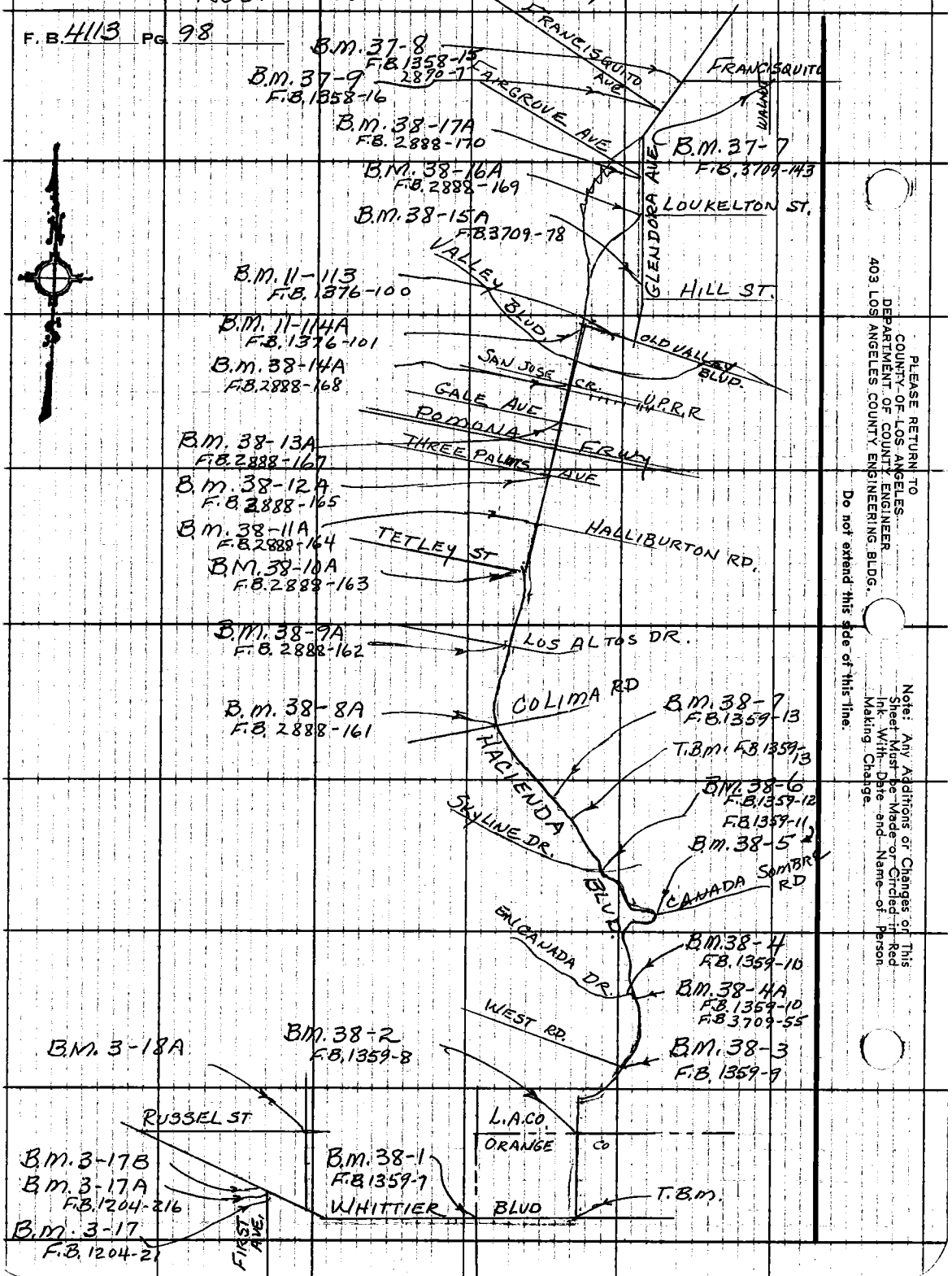
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309 CE#310 3-69

ROUTE SKETCH LINE 38, 1970 RELEVELING

F. B. 4113 PG 98



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76P526B CE # 308 8-59

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700 Los Angeles County Engineering Bldg.

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 68° F.B. 4113 Pg. 99
SURVEY BY G.E. DREIER WEATHER Scat. Clouds INST. No. 26716
NOTES BY G.E. DREIER DATE 8-3-71 TIME 9:00 ROD NO. 25 #96
INDEXED G.J. GALLI DATE NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
					DETERMINATION OF "C"				
					NEAR ROD			FAR ROD	
1	154	298	455	5 156 / 152 4	210	822	511	5 236 / 184 52	52 M- 4 M= 48 M=0.20 mm
2	144	808	445	5 146 / 142 4	89	040	390	5 115 / 63 52	M- 4 M= M=0.20 mm
	299	806		8	299	862		104	
	+				-0.	0.40 mm		-8	Curvature Corr.=0.40 mm
					299	822		96	
					299	806			
					-	016			
				mm= "C"					
					-	0.002		mm= "C"	
					96	0.14			

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.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=.56 F.B. 4113 PG. 101

SURVEY BY G E DREIER WEATHER OVERCAST INST. NO 96716

NOTES BY SIEMANN DATE 5-4-71 TIME 8:45 TO 8:55 ROD NO. 95896

INDEXED C. J. GALLI DATE NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	160	343	461 5	162 158 4	145	535	446 5	172 118 54	54 M- 4 M= 50 M=0.20 mm
2	171	318	472 5	173 169 4	186	185	487 5	213 159 54	54 M- 4 M= 50 M=0.20 mm
	331	661			331	720		108	
				8		040		8	
	+				-0.	mm			Curvature Corr.=0.40 mm
					331	680		100	
						661			
					-	019			
				mm= "C"					
						-	002 mm= "C"		
					100	0	19		

76P526B CE # 308 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T- 60° F.B. 4113 PG. 103
SURVEY BY G.E.DREIER WEATHER Overcast INST. NO. 96716
NOTES BY G.E.DREIER DATE 5-5-71 TIME 1:40 ROD NO. 35496
INDEXED G.J. GALLI DATE NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
					DETERMINATION OF "C"				
					NEAR ROD				FAR ROD
1	153	049	4545	155 151 4	144	750	4455	171 117 54	54M- 4M= 50M=0.20 mm
2	133	035	4345	135 131 4	141	377	4425	168 114 54	54M- 4M= 50M=0.20 mm
	286	084		8	286	127		108	
						040 mm			Curvature Corr.=0.40 mm
	+				-0. mm			- 8	
					280	087		100	
					286	084			
					-	003			
				mm= "C"					
	1								
						- 0.000		mm= "C"	
					100	0.003			

76P526B CE # 308 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 56' F.B. 4113 PG. 105
SURVEY BY G.E.DREIER DATE 5-6-71 WEATHER OVER CAST INST. NO. 96716
NOTES BY G.E.DREIER TIME 8:45 ROD NO. 95 & 96
INDEXED J. GALLI DATE NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
					DETERMINATION OF "C"				
					NEAR ROD				
									FAR ROD
1	129	450	430	5 131/127 4	137	792	438	5 164/110 54	54M- 4 M= 50M=0.20 mm
2	152	201	453	5 154/150 4	143	871	444	5 170/116 54	54M- 4 M= 50M=0.20 mm
	281	651		8	281	663		108	
	281	623				0.40			
	+	028			-0.	mm		8	Curvature Corr.=0.40 mm
					281	623		100	
					-				
		0.003		mm= "C"					
	100	0.28							
							mm= "C"		

76P526B CE # 308 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 5-7-71 WEATHER [illegible] INST. NO. [illegible]

INDEXED G.L. GALLI DATE TIME 9:20 ROD NO. 95 & 96

NOTES CHKD DATE

F.B. 4113 PG. 107

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	211	458 5	159 155 4	187	419	488 5	214 160 54	54M- 4 M= 50 M=0.20 mm
2	151	509	452 5	153 149 4	121	259	422 5	148 94 54	54M- 4 M= 50 M=0.20 mm
	308	720		8	308	678		108	
		638							
	+308	092			-0.040 mm			8	Curvature Corr.=0.40 mm
					307	638		100	
					-				
	+	0.009		mm= "C"					
	100	0.920							
							mm= "C"		

76P526B CE # 308 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 1-58 P.B. 4113 PG. 109

SURVEY BY G. E. Dreier WEATHER Hazy Sun INST. NO. 9671

NOTES BY Maldonado DATE 5-10-71 TIME 8:20 ROD NO. 95 & 96

INDEXED L. J. GALLI DATE NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	164	108	465 5	166 / 162 4	188	220	489 5	215 / 161 54	54M- 4 M= 50 M=0.20 mm
2	154	786	455 5	156 / 152 4	130	706	431 5	157 / 103 54	54M- 4 M= 50 M=0.20 mm
	318	894		8	318	926		108	
	318	886						8	
	+	018			-0.040 mm				Curvature Corr.=0.40 mm
					318	886		100	
					-				

+ 0.0018 mm= "C"

100 / 0.1800
100
800

mm= "C"

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-6404
SURVEY BY S. E. Dreier WEATHER Hazy/Sun INST. NO. 26716
NOTES BY Maldonado DATE 5-11-71 TIME 8:20 ROD NO. 25494
INDEXED L. J. GALLI DATE NOTES CHKD DATE
F.B. 4113 PG. 111

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				
				145					180		
1	143	177	4445	141	4	153	450	454	126	54	54 M- 4 M= 50 M=0.20 mm
				163					178		
2	161	510	462	159	4	151	183	452	124	54	M- 4 M= M=0.20 mm
	304	687			8	304	633			108	
	304	573								8	
	+ 0	114				-0.040mm					Curvature Corr.=0.40 mm
						304	593				
						-					
		+ 0.010		mm= "C"							
100		1.140									
		100									
		40									
								mm= "C"			

76P526B CE # 308 8-59

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.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier WEATHER Overcast INST. NO. 2716
NOTES BY Waldenmaier DATE 5-12-71 TIME 8:45 ROD NO. 2512
INDEXED L.J. GALLI DATE NOTES CHKD DATE
F.B. 411/3 PG. 113

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
			NEAR ROD				FAR ROD		
1	162	632	463	5 164 160 4	104	688	405	5 131 77 54	54 M- 4 M=50 M=0.20 mm
2	471	159	472	5 173 169 4	229	212	530	5 256 202 54	54 M- 4 M=50 M=0.20 mm
	333	791			333	900		108	
	+				-0.	0.40 mm		8	Curvature Corr.=0.40 mm
					333	860		100	
					333	791			
					-	0.69			
				mm= "C"					
						-0.005		mm= "C"	
					100	0.590			

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 68°
SURVEY BY G.E. DREIER WEATHER SCAT. CLOUDS INST. NO. 36716
NOTES BY G.E. DREIER DATE 5-3-71 TIME 9:20 TO 2:40 ROD NO. 25496
INDEXED J. GALLI DATE NOTES CHKD RE 11 DATE JUN 1 71
F.B. 4113 PG. 115

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 3-17 TO B.M. 3-18A
B.M. 3-17				301				116	B.M. 3-17
1	279	024	580	5 257 44	94	631	395	5 72 44	WHITTIER BLVD. & 1 ST. AVE
				252				108	SEE F.B. 1204-21
2	222	849	523	5 192 60	79	854	380	5 50 58	
				104				120	
3	198	931	499	5 232 164 68	86	216	387	5 52 68	↑ J. MALDONADO
				172				170	
4	191	643	492	5 203 179 24	143	211	444	5 136 130 26	
				196				124	
5	175	394	476	5 180 170 10	119	573	420	5 114 10	✓
				206 ✓				206	
B.M. 3-18A								206	B.M. 3-18A (F.C. 109-07520B)
	1067	841 ✓			523	585 ✓		412	RUSSELL ST. & BOGARDUS AVE.
	-523	-585							SEE F.B. 3708-231
+	544	256 ✓							

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 3-18A TO B.M. 3-17
B.M. 3-18A				127					B.M. 3-18A (F.C. 109-0520)
1	122	016	423 5	115 10	177	812	478 5	182 172 10	RUSSELL ST & BOGARDUS AVE
									SEE F.B. 3708-231
2	79	888	380 5	114 70	213	618	514 5	248 178 70	
				80				80	⊼ J. MALDONADO
3	85	510	386 5	120 50 70	213	138	514 5	247 179 68	
				150				148	
4	69	602	370 5	91 49 44	202	430	503 5	225 179 46	
				194				194	
5	106	530	407	111 101 10	200	737	501 5	205 195 10	
				204				204	
B.M. 3-17				2				204	B.M. 3-17
	463	546			1007	735		408	WHITTIER BLVD & 1ST AVE.
					463	546			SEE F.B. 1204-21
					544	189			

69°

WEATHER CLEAR INST. NO. 96718

TIME 9:40 TO 10:05 ROD NO. 95896

NOTES CHKD. RPH DATE 3-1-71

4113 116 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 5-3-71

INDEXED C.J. GALLI DATE

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

F.B. 4113 PG. 117

SURVEY BY G.E. DREIER WEATHER SCAT. CLOUDS INST. NO. 96716

NOTES BY G.E. DREIER DATE 5-3-71 TIME 9:10 to 9:15 ROD NO. 95 & 96

INDEXED C. J. GALLO DATE NOTES CHKD. REH DATE JUN 1 71

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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. 3-17B TO B.M. 3-17A
B.M. 3-17B									B.M. 3-17B (B.M. #2
									WHITTIER BLVD. & 1ST
1	179	220	480 5	190 168 22	176	576	477 5	187 165 22	SEE F.B. 1204-216
								22	
	176	576						44	⊼ J. MALDONADO
	+ 2	644							
B.M. 3-17A									B.M. 3-17A (B.M. WZ 451)
									WHITTIER BLVD. & 1ST
									SEE F.B. 1204-216

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 3-17A TO B.M. 3-17B
B.M. 3-17A													B.M. 3-17A (WZ 451)
													WHITTIER BLVD & FIRST AVE
1	174	802	475	5	184 / 164	10	177	456	478	5	187 / 167	10	SE F.B. 1204-216
												10	⊼ J. MALDONADO
							174	802				20	
B.M. 3-17B							2	654					B.M. 3-17B. (BM. 2)
													WHITTIER BLVD. & FIRST AVE
													SEE F.B. 1204-216

WEATHER CLEAR INST. NO 96716

TIME 10:05 TO 10:10 ROD NO 9589

NOTES CHKD RCH DATE JAN 3 71

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

SURVEY BY DREIER NOTES G.E. DREIER 5-3-71

INDEXED J. GALD DATE

4113 118

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

F.B. 4113 PG. 119

SURVEY BY G.E. DREIER WEATHER SCAT. CLOUDS INST. NO. 96716

NOTES BY G.E. DREIER DATE 5-3-71 TIME 9:15 TO 9:20 ROD NO. 95 & 96

INDEXED [redacted] J. GALLI DATE NOTES CHKD. REH DATE [redacted] 3 71

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. 3-17A TO B.M. 3-17
M.3-17A									B.M. 3-17A (WZ 451
									WHITTIER BLVD. & 1ST
1	163	493	464 5	168 158 10	191	368	492 5	196 186 10	SEE F.B. 1204-216
								10	
					163	493			π J. MALDONADO
					27	875		20	
B.M. 3-17									B.M. 3-17
									WHITTIER BLVD. & 1ST
									SEE F.B. 1204-21

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 3-17 TO BM. 3-17A
B.M. 3-17													B.M. 3-17
													WHITTIER BLVD. & 1ST AVE
1	191	251	492	5	195 187	8	163	372	464	5	167 159	8	SEE F.B. 1204 - 21
	163	372										8	⊼ J. MALDONADO
												16	
B.M. 3-17A	+27	879											B.M. 3-17A (WZ 451)
													WHITTIER BLVD & FIRST AVE
													SEE F.B. 1204-216

WEATHER CLEAR 70° INST. NO 9671

TIME 10:00 ROD NO 9589

NOTES CHKD RE DATE JUN 1

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

SURVEY BY DREIER NOTES G.E. DREIER 5-3-71

INDEXED C. J. GALL 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
SURVEY BY G.E. DREIER WEATHER CLEAR 76°
NOTES BY G.E. DREIER DATE 5-3-71 TIME 10:10 TO 10:40 INST. NO 26716
INDEXED J.L. GALLI DATE NOTES CHKD K.E.H. DATE JUN 1 71 ROD NO 258
F.B. 4113 PG. 124

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 3-17 TO B.M. 38-1
B.M. 3-17													B.M. 3-17
1	298	939	599	5	298 / 268	60	77	221	378	5	108 / 46	62	WHITTIER BLVD. & FIRST AVE
													SEE F.B. 1204-21
2	220	840	521	5	253 / 187	66	64	082	365	5	98 / 30	68	
						126						130	T. J. MALDONADO
3	224	666	525	5	252 / 196	56	81	437	382	5	107 / 55	52	
						182						182	
4	225	913	526	5	257 / 193	64	68	160	369	5	100 / 36	64	
						246					97	246	
5	248	562	549	5	280 / 216	64	66	738	367	5	35	62	
						310						308	
6	270	763	571	5	307 / 234	63	13	430	314	5	148 / 13	70	
						373						378	
7	254	701	555	5	279 / 229	50	104	644	405	5	128 / 80	48	
						423 ✓						426 ✓	
B.M. 38-1												423	B.M. 38-1
	1744	384 ✓					475	712 ✓				847	WHITTIER BLVD. & VALLEY HOME AVE.
	475	712											SEE F.B. 1359-7
	+1268	672 ✓											

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. 38-1 TO B.M. 3-17
B.M. 38-1	3 7								B.M. 38-1
1	36	562	337 5	1/2 77 36 82	300	234	601 5	1/2 300 260 80	WHITTIER BLVD. & VALLEY HOME A
									SEE F.B. 1359-7
2	8	652	309 5	1/2 46 8 76	275	844	576 5	1/2 275 237 76	
				158				156	
3	68	433	369 5	108 28 80	271	440	572 5	1/2 271 230 82	T = MALDONADO
				238				238	
4	46	601	347 5	86 6 80	245	953	546 5	285 207 76	
				318				314	
5	50	949	351 5	87 13 74	235	869	536 5	274 196 78	
				392				392	
6	115	387	416 5	132 98 34	266	071	567 5	282 250 32	
				√426				√424	
B.M. 3-17								426	B.M. 3-17
	√326	584			√1695	411		√850	WHITTIER BLVD. & FIRST ST.
					326	584			SEE F.B. 1204-21
					√-1268	827			

T = 62°

WEATHER OVERCAST INST. NO. 9671[illegible]

TIME 10:45 TO ROD NO. 95896

NOTES CHKD. RSB DATE [illegible] 71

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN - 5-12-71

INDEXED J. GALLI DATE

4113 PG. 122

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 WEATHER SCAT. CLOUDS INST. NO. 26716
NOTES BY G.E. DREIER DATE 5-3-71 TIME 11:40 TO 11:30 ROD NO. 95 & 96
INDEXED L. GALLI DATE NOTES CHKD DATE
F.B. 4113 PG. 123

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 38-1 TO B.M.
B.M. 38-1													B.M. 38-1
1	299	238	600	5	299 / 265	68	55	851	356	5	88 / 22	66	WHITTIER BLVD. & VALLEY HOME AVE
											113		SEE F.B. 1359-7
2	252	140	553	5	252 / 219	66	78	162	379	5	45	70	
					249	134					79	136	↑ R. SIEMANN
3	249	330	550	5	220	58	49	630	350	5	19	60	
					264	192					120	196	
4	234	282	535	5	204	60	91	281	392	5	62	58	
					258	252					135	254	
5	228	999	529	5	198	60	105	389	406	5	75	60	
					223	312					194	314	
6	193	490	494	5	163	60	165	841	466	5	134	60	
					204	372					224	374	
7	161	036	462	5	118	86	182	790	483	5	140	84	
					165	458					233	458	
8	132	999	433	5	99	66	200	292	501	5	167	66	
					210	524					194	524	
9	199	578	500	5	188	22	183	112	484	5	172	22	
						546						546	
B.M.												546	
	1951	092					1112	348				1092	T.B.M.
	1112	348											WHITTIER BLVD. & HACIENDA
	+838	744											N.W. COR., RAM SET IN CENTER OF CATCH BASIN AT MIDDLE OF CURB RETURN

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 T.B.M. TO B.M. 38-1
T.B.M.									T.B.M.
1	194	330	495 5	228 160 68	129	224	430 5	165 93 72	WHITTIER BLVD. & HACIENDA BLVD (RD)
2	203	773	504 5	248 158 90	170	002	471 5	216 124 92	N.W. COR, RAM SET IN CENTER OF CATCH BASIN AT MIDDLE OF CURB
3	143	330	444 5	189 158 97 92	240	448	541 5	291 164 189 102	RETURN
4	35	251	336 5	87 250 35½ 104	298	793	599 5	298 266 257½ 82	K-Siemann
5	26	060	327 5	74 354 26½ 96	270	560	571 5	270 348 223½ 94	
6	27	371	328 5	68 450 27½ 82	298	300	599 5	298 442 255½ 186	
7	139	860	440 5	143 532 135 8	201	717	502 5	205 528 197 8	
				√ 540				√ 536	
								540	
	√ 766 9	975		√	1609	044		√ 1076	
					768	975			
				√	849 3	069			
BM38-1									BM 38-1
									Whittier Blvd. & Valley Home Av.
									F.B. 1359-7

T-62°

WEATHER Overcast INST. NO 26716

TIME 10:05 to 10:40 ROD NO 95896

NOTES CHKD RCH DATE JAN 1 71

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

SURVEY BY DREIER NOTES Maldonado 5-12-71

INDEXED J. GALLI DATE

4113 PG. 124

3/68 5268 LACE # 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-640
SURVEY BY G.E. Dreier DATE 5-12-71 TIME 11:30 to 12:15 WEATHER Overcast INST. NO 86716
NOTES BY Maldonado ROD NO 95696
INDEXED R.L. CALL DATE NOTES CHKD K.E.A. DATE JN 1 '71
F.B. 4113 PG. 125

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 38-1 TO T.B.M.
BM 38-1													38-1
					290						86		Whittier Blvd. & Valley Home Ave.
1	290	970	591	5	257	66	53	713	354	5	20	66	SEE F.B. 1359-7
					271						127		
2	271	839	572	5	233	76	91	618	392	5	55	72	
					301½	142					45½	138	
3	301	999	602	5	254½	94	3	241	304	5	3½	84	RERUN
					262	236					120	222	T-Siemann
4	225	910	526	5	188	~~74~~	78	932	379	5	36	84	
					252	~~330~~ 310					184	306	
5	213	265	514	5	174	78	145	378	446	5	106	78	
					183	~~388~~					244	384	
6	143	970	444	5	103	80	202	160	503	5	160	84	
					206	468					240	468	
7	168	999	469	5	130	76	202	832	503	5	164	76	
						√544						√544	
												544	
	√1616	952				√	777	874				√1088	
	777	874											
	√1839	078											
T.B.M.													B.M. T.B.M. Whittier Blvd. & Hacienda Blvd., Ram Set in center of Catch Basin in middle curb return. See F.B.

76P526B CE # 308 8/68

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

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER PART CLOUDY, 66°
NOTES BY G.E. DREIER DATE 5-3-71 TIME 11:30 TO ROD NO. 25 & 96
INDEXED G.J. GALLI DATE NOTES CHKD R.E.H. DATE JUN 1 '71
F.B. 4113 PG. 127 INST. NO. 26716

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM T.B.M. TO B.M. 38-2
T.B.M.				277				79	T.B.M.
1	255	580	556	5 233 44	57	000	358	5 35 44	WHITTIER BLVD. & HACIENDA BLVD.,
				300				38	N.W. COR., RAM SET IN CENTER OF
2	300	968	601	5 277 46	17	185	318	5 17 72	CATCH BASIN AT MIDDLE OF CURB RETURN
				293 90				52 86	
3	293	240	594	5 270 46	29	305	330	5 6 46	
				301 136				54 132	
4	301	348	602	5 278 46	29	146	330	5 4 50	T R. SIEMANN
				292 182				33 182	
5	292	904	593	5 269 46	10	929	311	5 10 46	
				307 228				40 228	
6	288	000	589	5 269 38	22	889	323	5 4 36	
	279	638	580	300 266				264	
7	~~638~~	~~580~~	~~258~~	5 258 42	56	330	357	5 35 42	
				277 308				306	
8	253	559	554	5 229 48	78	418	379	5 54 48	✓
				356				354	
B.M. 38-2			✓					356	B.M. 38-2 ✓
	2265	237			301	202	✓	710	HACIENDA BLVD. & L.A.-ORANGE CO. LINE
	301	202	✓						SEE F.B. 3709-51
	+1964	035							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 38-2 TO T.B.M.
B.M. 38-2									B.M. 38-2
1	65	989	366 5	92 38 54	263	210	564 5	288 238 50	HACIENDA BLVD. & L.A.-ORANGE CO. LINE
									SEE F.B. 3709-51
2	4	299	305 5	32 1/2 4 56	294	863	595 5	294 270 1/2 48	
				110				98	
3	4	100	305 5	23 1/2 4 38	293	614	594 5	293 270 1/2 46	
				148				144	
4	15	601	316 5	37 1/2 15 44	290	831	591 5	290 268 1/2 44	
				192				188	π-Siemann
5	28	151	329 5	50 6 44	283	564	584 5	309 259 50	
				236				238	
6	6	570	307 5	30 1/2 6 48	284	911	585 5	284 260 1/2 48	
				284				286	
7	10	209	311 5	32 1/2 10 44	271	603	572 5	292 250 42	
				328				328	
8	93	458	394 5	106 80 26	210	248	511 5	223 197 26	
				√354				√354	
								354	
	228	377 √			2192	844 √		√708	
					228	377			
					1964	467 √			
									T.B.M.
T.B.M.									Hacienda Blvd. & Whittier Blvd.
									Ram Set in Center of Catch Basin
									@ middle of curb return
									see F.B.

F.B. 4113 PG. 128 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET 5-12-71

SURVEY BY DREIER NOTES G.E. DREIER, Maldonado

INDEXED J. GAN DATE

WEATHER Overcast INST. NO. 96716

TIME 9:25 to 10:00 ROD NO. 95 & 96

NOTES CHKD. RE H DATE JAN 1 '71

T-640

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 T.B.M TO BM38-2
T.B.M.													T.B.M
1	299	250	600	5	299 1/2 / 269 1/2	60	12	780	313	5	41 1/2 / 12 1/2	58	Whittier Blvd. & Hacienda Blvd.
													Ram Set center of Catch Basin
2	292	759	593	5	292 1/2 / 271 1/2	42	26	180	327	5	46 / 6	40	in middle of Curb Return
						102						98	
3	294	838	595	5	294 1/2 / 269 1/2	50	9	158	310	5	35 1/2 / 9 1/2	52	
						152						150	
4	299	392	600	5	299 1/2 / 275 1/2	48	9	551	310	5	34 1/2 / 9 1/2	50	Re-Run
						200						200	
5	300	570	601	5	300 1/2 / 276 1/2	48	5	085	306	5	27 1/2 / 5 1/2	44	T-Siemann
						248						244	
6	294	013	595	5	294 1/2 / 273 1/2	42	21	061	322	5	46 1/2 / 21 1/2	50	
						290						294	
7	277	014	578	5	299 / 255	44	85	628	386	5	104 / 66	38	
						334						332	
8	232	080	533	5	244 / 220	24	156	329	457	5	167 / 145	22	
					√	358					√	354	
												358	
√	2289	916				√	325	772			√	712	
	325	772											
√	1964	144											
BM38-2													
													BM38-2
													Hacienda Blvd. & L.A.-Orange Co. Line
													See F.B. 3709-51

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 5-13-71 WEATHER Overcast INST. NO. 96716

INDEXED C.J. GALLI DATE TIME 8:35 to ROD NO. 95 & 96

NOTES CHKD. REH DATE JUL 1 71

F.B. 4113 PG. 129

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 38-2 TO T.B.M.
BM 38-2									BM 38-2
1	41	999	342 5	72 / 41½ 62	298	319	599 5	298 / 268 60	Hacienda Blvd. & L.A.-Orange Co. Line
2	29	511	330 5	54 / 4 50	296	458	597 5	296 / 272½ 48	See F.B. 3709-51
3	7	403	308 5	27 / 7½ 112 / 40	294	100	595 5	294 / 273½ 108 / 42	
4	23	342	324 5	44 / 2 152 / 42	255	080	556 5	276 / 234 150 / 42	Re-Run
5	8	975	309 5	30 / 8½ 194 / 44	299	410	600 5	299 / 275½ 192 / 48	K-Siemann
6	24	519	325 5	46 / 2 238 / 44	252	362	553 5	273 / 231 240 / 42	
7	10	848	311 5	31 / 10½ 282 / 42	278	910	579 5	298 / 258 282 / 40	
8	88	653	389 5	104 / 72 324 / 32	225	000	526 5	241 / 209 322 / 32	
				√356				√354	
								356	
	√235	250			√2199	639		√710	
					235	250			
					√-1964	389			
T.B.M.									T.B.M. Hacienda Blvd. & Whittier Blvd. Ram Set in Center of Catch Basin @ middle of curb return See F.B.

F.B. 4113 PG. 130 JOB NO. 0301.05

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-13-71

INDEXED J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 9:10 to ROD NO. 95696

NOTES CHKD REA DATE

T-60°

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 T.B.M. TO B.M. 38-2
B.M.	5								T.B.M.
1	216	190	517 5	233 199 34	34	452	335 5	54 14 40	WHITTIER BLVD. & HACIENDA BLVD.
									SEE F.B.
2	293	261	594 5	1/2 293 270 46	40	687	341 5	60 20 40	
				80				80	2nd RERUN
3	289	983	590 5	1/2 289 263 52	11	216	312 5	1/2 36 11 50	MALDONADO
				132				130	
4	298	980	599 5	1/2 298 272 52	6	188	307 5	1/2 30 6 48	
				184				178	
5	298	629	599 5	1/2 298 270 56	5	119	306 5	1/2 27 5 44	
				240				222	
6	287	961	588 5	1/2 287 267 40	4	543	305 5	1/2 26 4 44	
				280				266	
7	250	233	551 5	266 234 32	35	095	336 5	61 9 52	
				312				318	
8	258	511	559 5	281 235 46	92	351	393 5	112 72 40	
				√ 358				√ 358	
.M. 38-2								358	B.M. 38-2
	√ 2193	748		√	229	651		√ 716	HACIENDA BLVD. & LA./OR. CO. LINE.
	229	651							SEE F.B. 3709-51
	√+ 1964	097							

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

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

NOTES BY SIEMANN DATE 5-13-71 TIME 9:50 TO 10:25 ROD NO. 95 & 9

INDEXED J. GALLI DATE NOTES CHKD REA DATE JUL 1 '71

F.B. 4113 PG. 131

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 38-2 TO T.B.M.
B.M. 38-2									B.M. 38-2
1	71	600	372 5	99 43 56	254	841	555 5	276 232 44	HACIENDA BLVD. & LA/ORG. CO. LIN
									SEE F.B. 3709-51
2	28	929	329 5	49 7 42	289	839	590 5	1/2 289 263 52	
				98				96	
3	5	298	306 5	1/2 24 5 38	279	884	580 5	1/2 279 258 42	
				136				138	2nd RERUN
4	15	620	316 5	1/2 36 15 42	272	179	573 5	292 252 40	⊼ = MALDONADO
				178				178	
5	20	774	321 5	1/2 42 20 44	284	327	585 5	306 262 44	
				222				222	
6	19	800	320 5	1/2 42 19 46	274	020	575 5	296 252 44	
				268				266	
7	13	639	314 5	1/2 36 13 46	~~280~~ 279	959	580 5	302 256 46	
				314				312	
8	8	283	309 5	1/2 28 8 40	213	210	514 5	234 192 42	
				√ 354				√ 354	
T.B.M.								354	T.B.M.
	√ 183	943			√ 2148	259		√ 708	WHITTIER BLVD. & HACIENDA BLVD.
					183	943			SEE F.B.
					√ − 1964	316			

T = 64°

WEATHER OVERCAST INST. NO. 96716

TIME 10:30 TO 11:00 ROD NO. 9509

NOTES CHKD. RPA DATE JUN 1 71

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-13-71

INDEXED C. J. GALLI DATE

4113 132 JOB NO. 0301.02

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 38-2 TO BM 38-3
BM 38-2									BM 38-2
1	301	511	602 5	1 301 / 2 275 52	17	033	318 5	1 43 / 2 17 52	Hacienda Blvd & L.A.-Orange
									County Line
2	292	400	593 5	2 92 / 2 271 42	21	160	322 5	1 44 / 2 21 46	See F.B. 3709-51
				94				98	
3	300	058	601 5	1 300 / 2 280 40	26	060	327 5	48 / 4 44	
				134				142	
4	288	633	589 5	302 / 274 28	59	558	360 5	71 / 47 24	T- R. SIEMANN
				162				166	
5	293	470	594 5	309 / 279 28	23	171	324 5	35 / 11 24	
				190				190	
6	286	421	587 5	299 / 273 26	31	360	332 5	46 / 16 30	
				216				220	
7	300	600	601 5	1 300 / 2 285 30	10	232	311 5	1 22 / 2 10 24	
				246				244	
8	287	130	588 5	1 287 / 2 241 92	60	619	361 5	108 / 12 96	
				338				340	
9	203	539	504 5	237 / 169 68	76	212	377 5	112 / 40 72	
				406				412	
10	76	232	377 5	110 / 42 68	195	920	496 5	230 / 164 62	
				474				474	
BM 38-3								474	B.M. 38-3
	2629	994			521	325		948	HACIENDA BLVD. & WEST RD.
	521	325							F.B. 1359-9
	+2108	669							

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

SURVEY BY G.E. Dreier

NOTES BY G.E. DREIER DATE 5-3-71

INDEXED G.J. GALLI DATE

WEATHER Showers Cloudy

TIME 1:35

NOTES CHKD RE

INST. NO. 96716

ROD NO. 95 & 96

DATE 1-71

F.B. 4113 PG. 133

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO 96716 ROD NO 95892 DATE JAN 1 71

WEATHER Hazy Sun TIME 3:05 to 3:30 NOTES CHKD R.E.M.

T-76°

JOB NO 030102 DATE 5-11-71

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES M3 Idomeo

INDEXED C. I. GALLI

7113 134

STATION	BACKSIGHT				STADIA		FORESIGHT				STADIA		DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.				RIGHT	MIC.	LEFT.				FROM B.M. 38-3 TO B.M. 38-2
B.M. 38-3													B.M. 38-3
1	181	320	482	5	213 149	64	72	109	373	5	105 39	66	HACIENDA BLVD. & WEST RD (W. WHITTIER)
													SEE F.B. 1359-9
2	108	877	409	5	141 75	66	203	428	504	5	235 171	64	
3	117	031	418	5	153 81	130 72	263	641	564	5	298 228	130 70	
	~~81~~	~~250~~											
4	81	250	382	5	106 ~~86~~ 86	202 ~~130~~ 252	289	462	590	5	289 266½	200 46	X-Siemann
5	30	400	331	5	42 18	24	295	181	596	5	295½ 280½	246 30	
6	6	901	307	5	221 6½	276 32	298	640	599	5	298½ 283½	276 30	
7	5	401	306	5	201 5½	308 30	296	909	597	5	296½ 280½	306 32	
8	13	011	314	5	341 13½	338 42	298	789	599	5	298½ 277½	338 42	
9	11	662	312	5	351 11½	380 48	276	609	577	5	300 252	380 48	
10	35	032	336	5	54 16	428 38	257	029	558	5	276 238	428 38	
11	105	269	406	5	115 95	466 20	253	410	554	5	263 243	466 20	
					√486						√486	486	
	√696	154				√	2805	207			√972		BM 38-2
BM 38-2							696	154					Hacienda Blvd. & L.A.-Orange County Line
							2809	053					See F.B. 3709-51

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-70
SURVEY BY G.E. Dreier DATE 5-12-71 WEATHER Hazy Sun INST. NO. 8676
NOTES BY Maldonado TIME 1:45 46 ROD NO. 95 & 96
INDEXED G.J. Gatti DATE NOTES CHKD DATE JUN 1 '71
F.B. 4113 PG. 135

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 38-2 TO BM 38-3 RERUN
BM 38-2					296.1						36.1		BM 38-2
1	296	478	597	5	270½	52	10	390	311	5	10½	52	Hacienda Blvd & L.A.-Orange
					290.1						30.1		County Line
2	290	131	591	5	269½	42	8	023	309	5	8½	44	F.B. 3709-51
					299.1	94					44	96	
3	299	370	600	5	276½	46	21	561	322	5	-2	46	
					305	140					62	142	Re-Run
4	294	770	595	5	283	22	51	641	352	5	40	22	
					299.1	162		417			21.1	164	T-Siemann
5	299	677	600	5	283½	32	7	490	308	5	7½	28	
					300	194					49	192	
6	286	709	587	5	272	28	35	942	336	5	21	28	
					301.1	222					20.1	220	
7	301	961	602	5	286½	30	5	310	306	5	5½	30	
					257	252					121	250	
8	228	971	529	5	199	58	92	559	393	5	63	58	
					230	310					134	308	
9	200	221	501	5	170	60	104	441	405	5	74	60	
					212	370					162	368	
10	185	612	486	5	158	54	136	159	437	5	110	52	
					118	424					222	420	
11	89	091	390	5	60	58	191	227	492	5	160	62	
					√	482					√	482	
												482	BM 38-3
BM 38-3	√2772	991				√	664	670			√	964	Hacienda Blvd & West Rd.
	-664	670											F.B. 1359-9
	√2108	321											

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. 4113 PG. 136 JOB NO 0301.02
SURVEY OF L.A.Co. Precise Level Net
SURVEY BY Dreier NOTES Maldonado 5-12-71
INDEXED C. J. GALT DATE
WEATHER Hazy Sun INST. NO 96716
TIME 2:50 to 3:30 ROD NO 95582
NOTES CHKD R.S.H. DATE JUN 1 '71
T-76°

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM38-3 TO BM38-2
B.M 38-3					228						110		BM 38-3
1	193	998	494	5	158	70	74	071	375	5	38	72	Hacienda Blvd. & West Rd.
					125						236		F.B. 1359-9
2	94	735	395	5	63	62	205	961	506	5	174	62	
					154	132					274	134	
3	123	232	424	5	92	62	244	113	545	5	214	60	
					126	194					294,	194	Re-Run
4	101	481	402	5	76	50	299	958	600	5	276½	46	
					18½	244					282	240	K-Siemann
5	5	902	306	5	5½	26	269	769	570	5	256	26	
					44	270					306	266	
6	28	525	329	5	12	32	293	908	594	5	280	26	
					32	302					299,	292	
7	18	122	319	5	4	28	299	425	600	5	284½	30	
					20½	330					302	322	
8	6	040	307	5	6½	28	284	982	585	5	266	36	
					58	358					296,	358	
9	36	190	337	5	14	44	296	391	597	5	273½	46	
					45	402					295	404	
10	24	829	325	5	3	42	295	140	596	5	276½	38	
					93	444					272	442	
11	76	628	377	5	59	34	254	650	555	5	236	36	
						478						478	
												478	BM 38-2
	708	682					2818	368				956	Hacienda Blvd. & L.A.-Orange
	9						709	682					County Line
BM 38-2													F.B. 3709-5-1
							2108	686					
							2108	686					

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-66°

SURVEY BY G.E. Dreier

NOTES BY SIEMANN DATE 5-3-71

INDEXED O.J. GALLI DATE

WEATHER LT. WIND CLOUDS

TIME 2:25 TO 3:30

NOTES CHKD REH DATE JUN 1 '71

INST. NO. 96716

ROD NO. 95-E96

F.B. 4113 PG. 137

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM38-3 TO BM38-4
BM38-3													BM38-3
1	244	678	545	5	269 / 219	50	70	463	371	5	95 / 45	50	HACIENDA BLVD. & WEST RD.
													SEE F.B. 1359-9
2	285	270	586	5	304 / 266	38	5	457	306	5	1/2 21 / 5	32	
						88						82	
3	264	436	565	5	281 / 247	34	13	982	314	5	1/2 34 / 13	42	
						122						124	
4	280	024	581	5	290 / 270	20	34	450	335	5	44 / 24	20	
					30	144						144	π = DREIER
5	294	627	595	5	293 / 285	18	27	155	328	5	36 / 18	18	
						162						162	
6	270	898	571	5	282 / 258	24	38	472	339	5	50 / 26	24	
						186						186	
7	298	821	599	5	1/2 298 / 283	30	5	288	306	5	1/2 19 / 5	28	
						216						214	
8	253	040	554	5	266 / 240	26	6	005	307	5	1/2 19 / 6	26	
						242						240	
9	294	225	595	5	305 / 283	22	5	755	306	5	1/2 15 / 5	20	
						264						260	
10	294	734	595	5	304 / 284	20	4	351	305	5	1/2 14 / 4	20	
						284						280	
11	275	232	576	5	286 / 264	22	10	001	311	5	22 / -2	24	
						306						304	
12	289	095	590	5	299 / 279	20	9	621	310	5	20 / -2	22	
						326						326	
13	266	467	567	5	283 / 249	34	100	005	401	5	119 / 83	36	
						360						362	
14	212	607	513	5	218 / 206	12	109	540	410	5	113 / 103	12	
						370						374	
B.M.38-4	3824	154					440	545				370	B.M.38-4
	440	545										744	HACIENDA BLVD. & ENCANADA DR.
	+3383	609											SEE F.B. 3709-55

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 38-4 TO B.M. 38-3
B.M. 38-4					59			86			301		B.M. 38-4
1	45	408	346	5	33	26	287	676	588	5	273	28	HACIENDA BLVD. & ENCANADA DR.
					33						304		SEE F.B. 3709-55
2	22	923	323	5	11	22	294	762	595	5	284	20	
					22	48					292	48	
3	13	513	314	5	4	18	283	850	584	5	274	18	
					19	66					301½	66	K-Dreier
4	9	127	310	5	-1	20	301	596	602	5	292½	18	
					49	86					306	84	
5	35	063	336	5	21	18	294	828	595	5	282	24	
					18½	104					286	108	
6	5	072	306	5	5	26	275	483	576	5	264	22	
					66	130					296½	130	
7	52	040	353	5	38	28	296	041	597	5	282½	28	
					37	158					288	158	
8	27	730	328	5	17	20	277	833	578	5	266	22	
					76	178					300½	180	
9	64	440	365	5	52	24	300	247	601	5	289½	22	
					15½	202					303	202	
10	5	950	306	5	5½	20	293	447	594	5	283	20	
					58	222					251	222	
11	47	041	348	5	36	22	240	869	541	5	229	22	-4004.222
					68	244					250	244	620.570
12	55	945	356	5	42	26	236	307	537	5	222	244	
					52	270					241	272	-3383.652
13	41	274	342	5	30	22	230	882	531	5	219	22	
					102	292					235	294	
14	83	450	384	5	64	38	217	151	518	5	199	36	
					120	330					182	330	BM 38-3
15	111	594	412	5	102	18	173	250	474	5	164	18	Hacienda Blvd. & West Rd.
						348						348	F.B. 1359-9
BM 38-3	620	570					4004	222				348	
												696	

T-76°

WEATHER Overcast INST. NO. 96716

TIME 2:05 to 3:05 ROD NO. 95896

NOTES CHKD. REH DATE JUN 1 '71

JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 5-11-71

INDEXED J. GALL DATE

415 138

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. 38-4 TO B.M. 38-4A
B.M. 38-4									B.M. 38-4
1	169	223	470 5	172 166 6	163	668	464 5	166 160 6	HACIENDA BLVD. & ENCANADA DR.
								6	SEE F.B. 3709-55
								12	
	163	668							π = DREIER
B.M. 38-4A	+ 5	555							B.M. 38-4A
									HACIENDA BLVD. & ENCANADA DR.
									SEE F.B. 3709-55
				Re-run					
		2:00	Hazy Sun			5-11-71	T- 78°		BM 38-4
BM 38-4									Hacienda Blvd. & Encanada Dr.
								159	F.B. 3709-55
1	162	282	463 5	165 159 6	156	850	457 5	143 6	
	156	850						6	π-Dreier
	+ 5	432						12	BM 38-4A
M 38-4A									Hacienda Blvd. & Encanada Dr.
									F.B. 3709-55

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 56°

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 5-4-71 WEATHER OVERCAST INST. NO. 96716

INDEXED G. I. GAUTT DATE TIME 8:55 TO 8:00 ROD NO. 95896

NOTES CHKD REH DATE JUN 1 71

F.B. 4113 PG. 139

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 38-4A TO BM 38-4
B.M. 38-4A				154				160	B.M. 38-4A
1	151	083	452 5	148 6	156	530	457 5	152 8	HACIENDA BLVD & ENCANADA DR
									SEE F.B. 3709-55
					151	083		6	π-Dreier
					-5	447		14	
B.M. 38-4									B.M. 38-4
									HACIENDA BLVD. & ENCANADA DR.
				Re-Run					SEE F.B. 3709-55
		1:55	Hazy Sun				5-11-71 T:78°		
BM 38-4A				160				166	BM 38-4A
1	157	668	458 5	154 6	163	113	464 5	160 6	Hacienda Blvd. & Encanada Dr.
					157	668			F.B. 3709-55
					-5	445		6	
								12	π-Dreier
BM 38-4							REA JUN 1 '71		BM 38-4
									Hacienda Blvd. & Encanada Dr.
									F.B. 3709-55

T-74°

WEATHER Hazy Sun INST. NO 96716

TIME 1:45 to 1:50 ROD NO 9589

NOTES CHKD REA DATE JUN 1 '71

4113 140 JOB NO 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 5-11-71

INDEXED C. J. GALLI 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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=56°
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 96716
NOTES BY SIEMANN DATE 5-4-71 TIME 9:00 TO 10:05 ROD NO. 95 & 96
INDEXED J. GALLI DATE NOTES CHKD. DATE
F.B. 4113 PG. 141

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA	FORESIGHT RIGHT	MIC.	LEFT.		STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 38-4A TO B.M. 38-5
B.M. 38-4A											B.M. 38-4A
1	262	385	563	5	247 30	33	706	334	5	18 30	HACIENDA BLVD. & ENCANADA DR.
											SEE F.B. 3709-55
2	300	015	601	5	284 32	13	305	314	5	2 30	
					62					60	
3	277	708	578	5	264 26	16	327	317	5	1 30	
					88					90	
4	297	141	598	5	279 36	56	169	357	5	39 34	
					124					124	
5	296	081	597	5	274 44	4	303	305	5	4 38	
					168					162	
6	300	942	601	5	284 32	6	580	307	5	6 28	T = DREIER
					200					190	
7	288	061	589	5	277 22	5	750	306	5	5 26	
8	270	048	571	5	261 16	14	740	315	5	28 216	+ 4797.880 460
					238					244	- 462.660 460
9	299	387	600	5	285 28	24	670	325	5	12 24	+ 4335.220 920
					266					268	
10	298	130	599	5	280 26	5	366	306	5	5 38	
					294					306	
11	278	911	579	5	259 38	19	133	320	5	6 26	
					332					332	
12	243	338	544	5	227 32	77	305	378	5	61 32	
					364					364	
13	299	521	600	5	281 36	9	595	310	5	9 30	
					400					394	
14	292	313	593	5	284 16	6	398	307	5	6 18	
					416					412	
15	272	998	573	5	266 28	21	955	322	5	13 28	B.M. 38-5
16	276	740	577	5	260 20	29	052	330	5	19 20	HACIENDA BLVD. & CANADA SOMBRERA
					248					248	
17	244	161	545	5	238 12	118	306	419	5	112 12	SEE F.B. 1359-11
B.M. 38-5	4797880				√ 460	462660				√ 460	

T-64°

WEATHER Overcast INST. NO 96716
TIME 11:15 to 12:20 ROD NO 95896
NOTES CHKD RE A DATE JUL 1 '71

SURVEY OF L.A.Co. RRECISE LEVEL NET
SURVEY BY DREIER NOTES Maldonado 5-11-71
INDEXED J. GALL 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 BM.38-5 TO B.M.38-4A
BM 38-5													B.M.38-5
1	38	798	339	5	49 1/2 / 38 1/2	22	297	413	598	5	297 1/2 / 286 1/2	22	HACIENDA BLVD. & CAÑADA Sombr. Rd.
2	6	748	307	5	15 / -3	18	301	710	602	5	301 1/2 / 291 1/2	20	See F.B. 1359-11
3	11	773	312	5	22 / 0	40 / 22	271	150	572	5	281 / 261	42 / 20	
4	7	100	308	5	20 1/2 / 7 1/2	62 / 26	285	091	586	5	296 / 274	62 / 22	
5	19	796	320	5	39 / -1	88 / 40	275	065	576	5	298 / 252	84 / 46	T-Dreier
6	3	179	304	5	25 1/2 / 3 1/2	128 / 44	298	675	599	5	298 1/2 / 277 1/2	130 / 42	
7	9	272	310	5	26 1/2 / 9 1/2	156 / 172	301	998	602	5	301 1/2 / 285 1/2	172 / 32	
8	9	660	310	5	22 1/2 / 9 1/2	34 / 206 / 26	296	343	597	5	306 / 286	204 / 20	
9	11	582	312	5	24 / -2	232 / 26	301	062	602	5	301 1/2 / 287 1/2	224 / 28	
10	3	902	304	5	15 1/2 / 3 1/2	258 / 24	296	083	597	5	296 1/2 / 184 1/2	252 / 24	
11	14	628	315	5	29 / -1	282 / 30	290	854	591	5	305 / 275	276 / 30	
12	15	065	316	5	33 1/2 / 15 1/2	312 / 36	275	726	576	5	295 / 255	306 / 40	
13	31	473	332	5	50 / 12	348 / 38	301	841	602	5	301 1/2 / 285 1/2	346 / 32	
14	34	540	335	5	48 / 20	386 / 28	290	888	591	5	305 / 275	378 / 30	
15	11	635	312	5	26 1/2 / 11 1/2	414 / 30	301	764	602	5	301 1/2 / 284 1/2	408 / 34	
16	73	332	374	5	84 / 62	444 / 22	251	850	552	5	263 / 239	442 / 24	BM 38-4A
	302	483				466	4637	513				466	Hacienda Blvd. & Encanada D
							-302	483				466	F.B. 3709-55
							4335	030				932	
BM 38-4A													

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 59°

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 5-4-71 WEATHER OVERCAST INST. NO. 96716

INDEXED G. I. GALLI DATE TIME 10:05 ROD NO. 95 & 96

NOTES CHKD R.E.H. DATE JUL 1 71

F.B. 4113 PG. 143

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 38-5 TO B.M. 38-6
B.M. 38-5									B.M. 38-5
1	289	442	590 5	297 281 16	12	322	313 5	23 1 22	HACIENDA BLVD. & CANADA SOMBRE RD
									SEE F.B. 1359-11
2	294	458	595 5	294 ½ 283 22	43	490	344 5	53 33 20	
				38				42	
3	266	112	567 5	276 256 20	27	281	328 5	37 17 20	⊼ J. MALDONADO
				58				62	
4	293	658	594 5	300 286 14	37	762	338 5	44 30 14	
				72				76	
5	293	343	594 5	303 283 20	31	072	332 5	42 20 22	
				92				98	
6	300	374	601 5	300 ½ 289 22	5	279	306 5	16 ½ 5 22	
				114				120	
7	300	534	601 5	300 ½ 292 16	4	060	305 5	10 ½ 4 12	
				130				132	
8	290	470	591 5	299 281 18	11	652	312 5	18 4 14	
				148				146	+ 4928.349
9	295	431	596 5	305 285 20	13	149	314 5	22 4 18	− 359.922
				168				164	+ 4568.427
10	292	539	593 5	299 285 14	15	180	316 5	22 8 14	
				182				178	
11	282	863	583 5	290 274 16	3	350	304 5	12 ½ 3 18	
				198				196	
12	297	898	598 5	304 288 16	4	990	305 5	12 ½ 4 16	
				214				212	
13	277	910	578	286 268 18	15	170	316 5	25 5 20	
				232				232	
14	295	889	596 5	306 284 22	5	646	306 5	14 ½ 5 18	
				254				250	
15	293	268	594 5	300 286 14	3	491	304 5	12 ½ 3 18	
				268				268	B.M. 38-6
16	286	259	587	294 278 16	24	790	325 5	32 16 16	HACIENDA BLVD. & SKY LINE DR.
				284				284	
17	277	901	578	294 260 34	101	238	402 5	118 84 34	SEE F.B. 1359-12
	4928	349 ✓		✓318	359	922 ✓		318	
B.M. 38-6								318	
								636 ✓	

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 38-6 TO B.M. 38-5
B.M. 38-6													B.M. 38-6
1	112	969	413	5	128 96	32	277	713	578	5	293 261	32	HACIENDA BLVD. & SKYLINE DR.
2	5	212	306	5	½ 15 5	20 52	297	069	598	5	307 287	20 52	SEE F.B. 1359-12
3	6	188	307	5	½ 13 6	14 66	258	611	559	5	266 250	16 68	
4	4	668	305	5	½ 12 4	16 82	276	971	577	5	285 267	18 86	⊼ = MALDONADO
5	31	841	332	5	40 22	18 100	282	421	583	5	291 273	18 104	
6	22	783	323	5	30 14	16 116	286	400	587	5	294 278	16 120	
7	5	198	306	5	½ 14 5	18 134	280	808	581	5	289 271	18 138	
8	6	434	307	5	½ 15 6	18 152	297	335	298	5	305 288	16 154	
9	27	401	328	5	36 18	18 170	239	272	540	5	247 231	16 170	
10	5	372	306	5	½ 14 5	18 188	249	218	550	5	258 240	18 188	− 4983.267
11	6	142	307	5	½ 14 6	16 204	285	821	586	5	292 278	14 202	+ 414.869
12	25	598	326	5	32 18	14 218	266	512	567	5	274 258	16 218	− 4568.398
13	9	325	310	5	18 0	18 236	241	698	542	5	250 232	18 236	
14	15	710	316	5	25 5	20 256	295	831	596	5	305 285	20 256	
15	15	849	316	5	23 7	16 272	300	918	601	5	300 291	18 274	
16	40	300	341	5	49 31	18 290	293	458	594	5	304 282	22 296	
17	8	638	309	5	½ 20 8	24 314	271	821	572	5	280 262	18 314	
18	65	241	366	5	72 58	14 328	281	390	582	5	288 274	14 328	B.M. 38-5
												328	HACIENDA BLVD. & CANADA SOMBRE-RI
B.M. 38-5	√414	869					√4983	267				328 656	SEE F.B. 1359-11

T 260°

WEATHER OVERCAST INST. NO. 96716

TIME 10:05 TO 11:10 ROD NO. 95894

NOTES CHKD. RE H DATE JUN 1 '71

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-11-71

INDEXED J. GALLI DATE

FIG. 144

413

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 G.E. DREIER DATE 5-4-71
INDEXED DATE NOTES CHKD DATE
WEATHER PART CLOUDY 60° INST. NO. 96716
TIME 11:20 ROD NO. 95 & 11
F.B. 4113 PG. 145

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 38-6 TO T.B.M.
B.M. 38-6													B.M. 38-6
1	152	508	453	5	168 136	32	278	760	579	5	294 262	32	HACIENDA BLVD. & SKYLINE DR
2	21	250	322	5	33 9	24 56	282	266	583	5	294 270	24 56	SEE F.B. 1359-12
3	7	368	308	5	½ 17 7	20	259	909	560	5	269 249	20	T J. MALDONADO
4	22	566	323	5	32 12	20 76	264	962	565	5	274 254	20 76	
5	28	402	329	5	38 18	20 98	277	581	578	5	288 266	22 96	
6	5	448	306	5	½ 17 5	24 118	289	988	590	5	302 276	26 118	
7	13	329	314	5	25 1	24 140	265	741	566	5	275 255	20 144	
8	6	282	307	5	½ 18 6	24 164	285	343	586	5	297 273	24 164	
9	7	211	308	5	½ 17 7	20 188	298	609	599	5	298 ½ 287	22 188	
10	9	668	310	5	19 1	208 20 228	274	308	575	5	284 264	210 20 230	
11	13	531	314	5	23 5	20 248	295	916	596	5	307 284	23 253	
12	7	820	308	5	½ 17 7	20 268	291	446	592	5	301 281	20 273	
13	6	899	307	5	½ 16 6	20 288	256	183	557	5	263 248	15 288	
14	4	799	305	5	½ 14 4	20 308	276	513	577	5	286 266	20 308	
15	109	850	410	5	114 104	10 318	145	539	446	5	150 140	10 318	T.B.M. (CHISELED SQ.)
T.B.M.												318 636	
	416931 ✓						4043064 ✓ 416931						
							-3626133 ✓						

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM T.B.M. TO B.M. 38-6
T.B.M.									T.B.M. (chizeled SQUARE
1	278	007	579 5	290 / 26 24	5	151	306 5	115 / 2 5 20	HACIENDA BLVD. MI. N. OF
									SKYLINE DR.
2	260	028	561 5	268 / 252 16	11	267	312 5	21 / 2 18	SEE F.B.
				40				38	
3	293	912	594 5	303 / 283 20	4	303	305 5	114 / 2 4 20	
				60				58	
4	281	728	582 5	291 / 271 20	20	793	321 5	30 / 10 20	
				80				78	
5	281	221	582 5	291 / 271 20 / 100	15	890	316 5	25 / 5 20 / 98	
6	278	330	579 5	288 / 268 20	12	677	313 5	21 / 3 18	
				120				116	X = MALDONADO
7	261	112	562 5	270 / 252 18	8	815	309 5	120 / 2 8 24	
				138				140	
8	238	759	539 5	249 / 227 22	14	263	315 5	25 / 3 22	
				160				162	
9	258	690	559 5	271 / 245 26	22	560	323 5	34 / 10 24	+ 3985.267
				186				186	
10	274	528	575 5	286 / 262 24	4	492	305 5	14 / 2 4 20	− 359.293
				210				206	√ + 3625.474
11	256	722	557 5	266 / 246 20	9 / 8	019	310 5	121 / 2 9 24	
				230				230	
12	241	228	542 5	252 / 230 22	4	341	305 5	15 / 2 4 22	
				252				252	
13	279	739	580 5	289 / 269 20 / 272	19	181	320 5	29 / 9 20 / 272	
14	263	653	564 5	274 / 252 22 / 294	34	650	335 5	46 / 22 24	
								296	
15	237	560	538 5	250 / 224 26	171	891	472 5	183 / 159 24	
				√320				√320	B.M. 38-6
B.M. 38-6								320	HACIENDA BLVD. & SKYLINE DR.
	√3985	267			√359	293		√640	SEE F.B. 1359-12

T = 60°

WEATHER OVERCAST INST. NO. 9671

TIME 9:05 TO 10:00 ROD NO. 9555

NOTES CHKD REK DATE JAN 1 71

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-11-71

INDEXED G. J. GALLI DATE

4113 146 JOB NO. 0301.02

76P526B CE # 308 8/68

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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 70
SURVEY BY G.E. DREIER WEATHER SEAT. CLOUDS INST. NO. 26716
NOTES BY G.E. DREIER DATE 5-4-71 TIME 1:25 TO 2:00 ROD NO. 95 & 96
INDEXED G.J. GALLI DATE NOTES CHKD DATE
F.B. 4113 PG. 142

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM T.BM. TO B.M. 38-7
B.M.											306		T.B.M. CHISELED SQ.
1	4	480	305	5	½ 14 4	20	295	861	596	5	284	22	HACIENDA BLVD. .1 MI. N. OF SKYLINE DR.
											300		
2	12	229	313	5	21 3	18	291	731	592	5	282	18	
						38						40	
3	3	771	304	5	½ 13 3	20	293	400	594	5	302 284	18	J. MALDONADO
						58						58	
4	14	519	315	5	23 5	18	297	602	598	5	307 287	20	
						76						78	
5	4	908	305	5	½ 13 4	18	281	698	582	5	290 272	18	
						94						96	
6	5	571	306	5	½ 16 5	22	299	147	600	5	½ 299 290	18	
						116						114	
7	4	131	305	5	½ 12 4	16	301	282	602	5	301 293	16	
						132						130	
8	151	581	452		157 145	12	243	622	544	5	250 236	14	
						✓144						✓144	
M. 38-7												144	B.M. 38-7
	201	190	✓				2304343		✓			~~144~~	HACIENDA BLVD. .38 MI. N. OF SKYLINE DR.
							201190					✓288	SEE F.B. 3709-6
							-2103153		✓				

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 38-7 TO T.B.M.
B.M. 38-7									B.M. 38-7
1	295	089	596 5	304 286 18	6	450	307 5	1/2 15 6 18	HACIENDA BLVD. MI. N OF
									SKYLINE DR.
2	301	889	602 5	1/2 301 294 14	12 ~~4~~ 5	492	426 5	132 118 14	SEE F.B. 3709-61
				32				32	
3	298	171	599 5	306 291 15	5	621	306 5	1/2 15 5 20	
				47				52	
4	293	871	594 5	302 284 18	25	822	326 5	33 17 16	
				65				68	
5	283	983	584 5	292 274 18	16	793	317 5	25 7 18	T = MALDONADO
				83				86	
6	293	688	594 5	302 284 18	7	606	308 5	1/2 16 7 18	
				101				104	
7	279	681	580 5	288 270 18	20	159	321 5	30 10 20	
				119				124	
8	271	570	572 5	280 262 18	6	697	307 5	1/2 15 6 18	
				√137				√142	
T.B.M.								137	T.B.M. (CHIZIED SQAR
	√2317	942			√21 ~~3~~ 4	640		√279	HACIENDA BLVD.
	21 ~~3~~ 4	640							
	√+210 ~~4~~ 3	302							

1 = 60°

WEATHER OVERCAST INST. NO 9671

TIME 8:30 TO 9:05 ROD NO 9549

NOTES CHKD REH DATE JUN 1 71

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

SURVEY BY DREIER NOTES SIEMANN 5-11-71

INDEXED C.J. GALLI DATE

4113 148

76P526B CE # 308 8/68

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403 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 T-760
SURVEY BY G.E. Dreier WEATHER Overcast INST. NO. 2671
NOTES BY G.J. Galli DATE 5-4-71 TIME 2:00 to 3:00 ROD NO. 95 & 96
INDEXED DATE NOTES CHKD R.E.A. DATE 5-11-71 F.B. 4113 PG. 49

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM38-7 TO BM38-8A
BM38-7					73						297		BM38-7
1	64358	365	5		55	18	289	894	590	5	281	16	Hacienda Blvd. & 0.54 mi N'ly.
					19						301.1		of Skyline Dr.
2	11743	312	5		3	16	301	704	602	5	293.2	16	F.B. 3709-61
					22	34					306	32	
3	14221	315	5		6	16	298	450	599	5	290	16	
					23	50					303	48	
4	15713	316	5		7	16	295	354	596	5	287	16	T-Dreier
5	23461	324	5		31 15	66 16	298	283	599	5	307 289	64 18	
						82					308	82	
6	6418	307	5		15 1/2 6 1/2	18	298	020	599	5	288	20	
					30	100					298	102	
7	19800	320	5		8	20 120	286	910	587	5	274	24 126	
8	6452	307	5		22 1/2 6 1/2	32 152	293	938	594	5	307 279	28	
9	3550	304	5		17 3 1/2	28 180	300	477	601	5	300 287.5	154 26	
					23						298.1	180	
10	11100	312	5		-1	24	298	270	599	5	286.2	24	
11	20957	321	5		32 8	204 24 228	287	648	588	5	298 276	204 22	
					17						298	226	
12	5845	306	5		5 1/2	24	287	982	588	5	276	22	
13	3493	304	5		15 1/2 3 1/2	252 24 276	290	328	591	5	303 277	248 26	
					22						294	274	
14	9913	310	5		9 1/2	26	280	332	581	5	266	28	
15	67485	368	5		82 52	302 30 332	262	229	563	5	278 246	302 32 334	
	284509	✓					3 469	819	✓				

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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
							CONT.						FROM BM 38-7 TO BM 38-8A
	284	509				332	4469 3	819				334	
					54						303		
16	35	356	336	5	16	38	284	662	585	5	265	38	
						370						372	
17	10	518	311	5	31 10 1/2	42	298	023	599	5	298 279 1/2	38	
					104	412					224	410	
18	93	329	394	5	82	22	212	174	513	5	200	24	
						434 ✓						434 ✓	
												434	
	423	712 ✓					5064	678				868 ✓	
							423	712					BM 38-8A
BM 38-8A							4640 7	966 ✓					Hacienda Blvd. & Colima Rd.
													F.B. 2888-161 S.E.Co

T-70°

WEATHER Overcast INST. NO. 9671[illegible]

TIME 200 to 3:00 ROD NO. 95[illegible]

NOTES CHKD REA DATE [illegible] 1 '71

F.B. 4113 PG. 150 JOB NO. 0301.02

SURVEY OF LACo. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-[illegible]-71

INDEXED C. J. GALLI 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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 5-10-71

INDEXED C.J. GAULT DATE

NOTES CHKD. REH DATE

WEATHER Sunny & Hazy

TIME 2:00 to

ROD NO. 95 & 9

INST. NO. 9671

F.B. 4113 PG. 151

T-80°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 38-8A TO BM 38-7
BM38-8A					244						30½		BM 38-8A
1	221	993	522	5	198	46	7	220	308	5	7½	46	Hacienda Blvd. & Colima Rd.
~~2~~	~~299~~	~~310~~	~~600~~	~~5~~	~~299½~~ ~~282½~~	~~34~~	~~37~~	~~300~~	~~338~~	~~5~~	~~54~~ ~~20~~	~~34~~	F.B. 2888-161 S.E. Cor.
					291	80					87	80	
3	272	707	573	5	253	38	68	851	369	5	49	38	
					291½	118					69	118	
4	291	735	592	5	272½	38	50	075	351	5	31	38	
					298	156					19½	156	T-Dreier
5	282	616	583	5	266	32	4	685	305	5	4½	30	
					307	188					21½	186	
6	293	850	594	5	279	28	7	656	308	5	7½	28	
					299½	216					28	214	
7	299	195	600	5	286½	26	15	692	316	5	2	26	
					308	242					28	240	
8	296	682	597	5	284	24	17	895	318	5	6	22	
					300	266					21	262	
9	291	831	592	5	282	18	10	183	311	5	-1	22	
					299½	284					21	284	
10	299	198	600	5	288½	22	10	941	311	5	-1	22	
					300½	306					26	306	
11	300	561	601	5	289½	22	14	271	315	5	2	24	
					300½	328					35	330	
12	300	093	601	5	290½	20	25	659	326	5	15	20	
		896			294	348					31	350	
13	285	~~856~~	586	5	276	18	21	252	322	5	11	20	
						√366						√370	
	√3735	667					√291	680					

Cont.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM38-8A TO BM38-7
	3735	667	Cont.		291	680			
				366				370	
14	295	373	596 5	303 ~~303~~ 287 16 ~~18~~	3	353	304 5	12 1 3 1/2 18	
				382				388	
15	300	060	601 5	300 1/2 290 20	3	072	304 5	13 1 3 1/2 20	
				402				408	
16	297	073	598 5	306 288 18	6	367	307 5	14 -2 16	
				420				424	
17	296	584	597 5	305 287 18	6	180	307 5	16 1 6 1/2 20	
				438				444	
18	214	421	515 5	218 210 8	87	772	388 5	91 83 08	
				446				452	
								446	
	5139	118			398	424		898	
BM38-7	398	424							BM 38-7
									Hacienda Blvd. & 0.54 mi. N'ly of Skyline Dr.
	+4740	694							F.B. 3709-61

T-80°

WEATHER Hazy Sun INST. NO. 9671

TIME 2:00 to ROD NO. 9569

NOTES CHKD RE H DATE JUL 1 '71

F.B. 4115 PG. 152 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-10-71

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 1-64
SURVEY BY G.E. Dreier DATE 5-5-71 TIME 1:40 to 2:10 WEATHER Overcast INST. NO. 86711
NOTES BY Maldonado DATE 5-5-71 TIME 1:40 to 2:10 ROD NO. 95250
INDEXED G.J. GALLI DATE NOTES CHKD RSH DATE 7-71
F.B. 4113 PG. 153

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 38-8A TO BM 38-9A
BM 38-8A				126				297.1	BM 38-8A
1	106	298	407 5	86 40	297	220	598 5	275.2 44	Hacienda Blvd. & Colima Rd. S.E. Cor.
				27.1				307	
2	8	101	309 5	8 1/2 38	289	850	590 5	271 36	F.B. 2888-161
				78				296 80	
3	41	215	342 5	60 22 38	278	165	579 5	260 36	
				116				304 116	
4	25	151	326 5	46 4 42	283	878	584 5	262 42	T-Dreier
				158				298.1 158	
5	3	661	304 5	27.1 3 1/2 48	298	993	599 5	273.2 50	
				206				293 208	
6	41	991	342 5	65 17 48	270	539	571 5	247 46	
				254				262 254	
7	29	211	330 5	47 11 36	244	195	545 5	226 36	
				290 ✓				290 ✓	
								290	
	255	628 ✓			1962	840 ✓		580 ✓	
					255	628 ✓			BM 38-9A
BM 38-9A					1707	212			Hacienda Blvd. & Las Altos Dr.
									E.B. 2888-162 S.E. Cor.

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM38-9A TO BM38-8A
BM38-9A									BM38-9A
1	296	193	597 5	296 1/2 274 1/2 44	82	216	383 5	103 59 44	Hacienda Blvd. & Los Altos Dr.
									F.B. 2888-162 S.E. Cor.
2	301	662	602 5	301 1/2 279 1/2 44	46	253	347 5	68 24 44	
				290 1/2 88				45 88	
3	290	840	591 5	269 1/2 42	24	363	325 5	3 42	
				305 130				57 130	
4	284	460	585 5	263 42	36	228	337 5	15 42	X-Dreier
				296 1/2 ~~152~~ 172				49 172	
5	296	558	597 5	273 1/2 46	27	540	328 5	5 44	
				297 1/2 218				28 1/2 216	
6	297	483	598 5	277 1/2 40	8	005	309 5	8 1/2 40	
				283 258				119 256	
7	259	371	560 5	235 48	94	760	395 5	~~68~~ 69 50	
				√306				√306	
								306	
	√2026	567		√	319	365		√612	
	319	365							
	√+1707	202							
BM38-8A									BM38-8A
									Hacienda Blvd. & Colima Rd.
									F.B. 2888-161 S.E. Cor.

F.B. 4113 PG. 154 JOB NO. 0301.02

SURVEY OF LA Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-10-71

INDEXED C. J. GALL DATE

WEATHER Sunny & Hazy INST. NO. 9671

TIME 1:30 to 2:00 ROD NO. 9549

NOTES CHKD REA DATE 1-12

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 38-9A TO BM 38-10A
BM 38-9A				93				280	BM 38-9A
1	72	742	373 5	51 42	260	429	561 5	240 40	Hacienda Blvd. & Los Altos Dr.
				48 1/2				288 1/2	F.B. 2888-162 S.E. Cor.
2	19	874	320 5	19 1/2 58	288	626	589 5	260 1/2 56	
				100				96	
3	3	600	304 5	32 1/2 58	301	130	602 5	301 1/2 58	
				158				154	π-Dreier
4	55	854	356 5	83 27 56	270	225	571 5	270 1/2 58	
				214				212	
5	49	173	350 5	75 23 52	246	314	547 5	274 218 56	
				266				268	
6	93	602	394 5	119 67 52	260	092	561 5	287 233 54	
				318				322	
7	33	172	334 5	65 1 64	300	785	601 5	300 1/2 269 62	
				382				384	
8	5	682	306 5	31 1/2 52	286	809	587 5	286 261 1/2 50	
				434				434	
	333	699			2214	410		434	BM 38-10A
BM 38-10A					333	699		868	Hacienda Blvd. & Tetley St. N.W. Cor.
									F.B. 2888-163
					1880	711			

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 5-5-71

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96716

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

NOTES CHKD R.E.A. DATE

T-60°

F.B. 4113 PG. 155

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM38-10A TO BM38-9A
BM 38-10A									BM 38-10A
				300 1/2				52	Hacienda Blvd. & Tetley S
1	300	207	601 5	274 1/2 52	26	159	327 5	0 52	F.B. 2888-163 N.W. Cor.
				306				64	
2	281	208	582 5	256 50	39	173	340 5	14 50	
				276 102				87 102	
3	252	483	553 5	228 48	63	365	364 5	39 48	
				284 150				109 150	T-Dreier
4	257	730	558 5	230 54	82	380	383 5	55 54	
				282 204				93 204	
5	257	483	558 5	232 50	69	056	370 5	45 48	
				268 254				58 252	
6	245	962	546 5	222 46	34	500	335 5	10 48	
				305 300				63 300	
7	280	483	581 5	255 50	38	561	339 5	13 50	
				288 350				52 350	
8	288	158	589 5	262 1/2 52	26	384	327 5	0 52	
				259 402				163 402	
9	240	610	541 5	221 38	144	175	445 5	125 38	
				440				440	
BM 38-9A								440	BM 38-9A
	2404	324			523	754		880	Hacienda Blvd. & Los Altos D
	523	754 3				3			F.B. 2888-162 S.E. Cor.
+	1880	570 1							

REH JUN 1 '71

REH JUN 1 '71

T-78°

WEATHER Sunny INST. NO. 967

TIME 11:35 + 12:05 ROD NO. 952

NOTES CHKD REH DATE JUN 1 '71

JOB NO. 0301.02

SURVEY OF L.A. Co Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-10-71

INDEXED G.J. GALLI DATE

FG. 156

4115

76P526B CE # 308 8/68

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO 26716
NOTES BY G.E. DREIER DATE 5-5-71 TIME 2:45 PM ROD NO 25896
INDEXED C.J. GALLI DATE NOTES CHKD R.E.H. DATE JUN 1 '71
F.B. 4113 PG. 157

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 38-10A TO BM 38-11A
B.M. 38-10A									B.M. 38-10A
1	62	167	363 5	88 36 52	293	440	594 5	½ 293 266 54	HACIENDA BLVD. & TETLEY ST.
									SEE F.B. 2888-163
2	12	~~018~~ 080	313 5	42 ½ 12 80	283	174	584 5	½ 284 254 60	
				112				114	
3	42	481	343 5	77 7 70	273	469	574 5	308 238 70	J. MALDONADO
				182				184	
4	43	692	344 5	70 16 54	249	149	550 5	275 223 52	
				236				236	
5	114	499	415 5	124 104 20	201	793	502 5	211 191 20	
				√256				√256	
B.M. 38-11A								256	B.M. 38-11A
	274	857	√		1301	025	√	√ 512	HACIENDA BLVD. & HALLIBURTON RD.
					274	857	√		SEE F.B. 2888-164
					1026	168	√		

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Do not extend notes this side of this line.

INST. NO. 96711 ROD NO. 95849 DATE JUN 1 '71
WEATHER SMOGGY 76°
TIME 11:00 TO 11:25 NOTES CHKD REH
SURVEY OF LA Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G. DREIER 5-10-71
INDEXED J. GALL DATE
JOB NO. 030102
F.B. 4115 PG. 158

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM. 38-11A TO B.M. 38-10A
B.M. 38-11A									B.M. 38-11A
1	271	068	572	5	44	785	345	5	HACIENDA BLVD. & HALLIBURTON RD.
2	252	757	553	5	65	090	366	5	SEE F.B. 2888-164
3	261	253	562	5	18	840	319	5	T J. MALDONADO
4	300	638	601	5	31	628	332	5	
5	230	448	531	5	129	926	430	5	
B.M. 38-10A	1316	164			290	269			B.M. 38-10A
	290	269							HACIENDA BLVD. & TETLEY ST.
	1025	895							SEE F.B. 2888-163
B.M. 38-11A	2 RERUN			5-13-71	11:25 A.M.		TEMP = 74°		
1	246	413	547	5	68	457	369	5	
2	277	139	578	5	28	029	329	5	
3	258	771	559	5	7	817	308	5	
4	298	263	599	5	8	348	309	5	
5	208	778	509	5	150	621	451		
	1289	364			263	282			
B.M. 38-10A	263	282							
	1026	082		JUN 1 '71 RE-H				JUN 1 '71 RE-H	

76P526B CE # 308 8/68

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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 55°
SURVEY BY G.E. DREIER WEATHER OVERCAST-DRIZZLE INST. NO. 26716
NOTES BY G.E. DREIER DATE 5-6-71 TIME 10:25 TO 10:55 ROD NO. 95 & 96
INDEXED S.J. GALLI DATE NOTES CHKD R.E.V. DATE 11-1-71
F.B. 4113 PG. 159

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 38-11A TO B.M. 38-12A
B.M. 38-11A									B.M. 38-11A
1	718	339	5	77 38 78	291	301	592	5 291 254 74	HACIENDA BLVD. & HALLIBURTON RD
									SEE F.B. 2888-164
2	199	316	5	48 15 66	285	759	586	5 285 250 70	
				144					
3	248	309	5	42 8 68	293	473	594	5 293 258 70	J. MALDONADO
				212					144
4	373	326	5	56 25 62	253	932	554	5 285 221 64	214
				274					278
5	630	321	5	60 20 80	274	938	575	5 274 234 80	
				354					358
6	250	351	5	85 15 70	240	692	541	5 273 207 66	
				424					424
7	266	419	5	137 99 38	235	498	536	5 254 216 38	
				462					462
B.M. 38-12A									B.M. 38-12A
	276	684			1875	593			924
					276	684			HACIENDA BLVD. & THREE PALMS ST
									SEE F.B. 2888-165
					-1598	909			

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 38-12A TO B.M. 38-11A
B.M. 38-12A													B.M. 38-12A
1	251	281	552	5	286 216	70	30	653	331	5	64 ½ 30	68	HACIENDA BLVD. & THREE PALMS ST
													SEE F.B. 2888-165
2	252	537	553	5	287 217	70	35	287	336	5	71 -1	70	
3	249	321	550	5	281 217	140 64	35	320	336	5	67 3	138 64	⊼ J. MALDONADO
4	261	847	562	5	292 230	204 62	30	743	331	5	60 0	202 60	
5	278	913	579	5	278 246	266 64	29	126	330	5	61 ½ 29	262 64	
6	255	182	556	5	284 226	330 58	46	861	347	5	74 18	326 56	
7	294	700	595	5	294 263	388 62	40	366	341	5	70 10	382 60	
8	178	008	479	5	188 168	450 20	174	712	475	5	188 160	442 28	
					✓	470					✓	470	
B.M. 38-11A												470	B.M. 38-11A
	2021	789	✓				423	068	✓		✓	940	HACIENDA BLVD. & HALLIBURTON RD
	423	068											SEE F.B. 2888-64
	+1598	721	✓										

77°

WEATHER SMOGGY INST. NO. 96716

TIME 10:20 TO 11:00 ROD NO. 95891

NOTES CHKD RE DATE JAN 1 '71

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 5-10-71

INDEXED J. J. GALLI DATE

4113 PG. 160

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 38-12A TO B.M. 38-13A ~~ST~~
B.M. 38-12A									B.M. 38-12A
1	98	790	399 5	130 66 64	235	131	536 5	267 203 64	HACIENDA BLVD. & THREE PALMS ST
									SEE F.B. 2888-165
2	98	440	399 5	138 58 80	217	275	518 5	217 178 78	
				144				142	
3	75	747	376 5	113 37 76	199	393	500 5	237 161 76	⊼ J. MALDONADO
				220				218	
4	107	738	408 5	138 76 62	199 ~~200~~	917	500 5	232 166 66	
				282				284	
5	126	710	427 5	140 112 28	179	152	480 5	192 166 26	
				310				310	
B.M. 38-13A								310	B.M. 38-13A
	507	425			1030	868		620	HACIENDA BLVD. & GALE AVE
					~~507~~	~~425~~			SEE F.B. 2888-167
					523	443			

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 5-6-71

INDEXED J. GALLI DATE

WEATHER DRIZZLE OVERCAST TIME 10:55 TO

NOTES CHKD R.E.H. DATE

INST. NO. 96716

ROD NO. 95 & 96

F.B. 4113 PG. 161

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 38-13A TO B.M. 38-12A
B.M. 38-13A													B.M. 38-13A
1	194	581	495	5	234 / 154	80	78	792	379	5	119 / 37	82	HACIENDA BLVD. & GALE AVE
													SEE F.B. 2888-167
2	195	142	496	5	226 / 164	62	95	173	396	5	126 / 64	62	
						142						144	
3	211	201	512	5	244 / 178	66	96	749	397	5	130 / 62	68	⊼ J. MALDONADO
						208						212	
4	217	736	519	5	253 / 181	72	62	850	363	5	98 / 26	72	
						280						284	
5	171	370	472	5	187 / 155	32	132	929	433	5	145 / 118	27	
						312						311	
B.M. 38-12A												312	B.M. 38-12A
	990	030					466	493				623	HACIENDA BLVD. & ~~GALE~~ THREE PALM ST
	466	493											SEE F.B. 2888-165
	+523	537											

71° TO 77°

WEATHER HAZE INST. NO. 9671

TIME 9:55 TO 10:20 ROD NO. 9589

NOTES CHKD KEH DATE JUN 1 '71

F.B. 4113 PG. 162 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 5-10-71

INDEXED C. J. GALLI 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 B.M. 38-13A TO B.M. 38-14A
BM 38-13A					157						240		B.M. 38-13A
1	126	267	427	5	95	62	208	671	509	5	176	64	Hacienda Blvd. & Gale Ave. S.E. Cor
					170						81		F.B. 2888-167
2	144	920	445	5	118	52	56	066	357	5	31	50	
					243	114					83	114	
3	233	213	534	5	223	20	73	665	374	5	63	20	
					299	134					63	134	
4	286	408	587	5	273	26	50	671	351	5	37	26	π-Dreier
					301	160					66	160	
5	286	220	587	5	271	30	51	825	352	5	36	30	
					284	190					150	190	
6	259	452	560	5	234	50	124	020	425	5	98	52	
					126	240						242	
7	97	887	398	5	68	58	283	914	584	5	283 ½ 256	54	
					47	298					300 ½	296	
8	34	915	335	5	21	26	300	744	601	5	289 ½	22	
					16	324					296	318	
9	14	756	315	5	12	4	292	887	593	5	288	8	
					26	328					235	326	
10	23	759	324	5	20	6	231	100	532	5	227	8	
					165	334					145	334	
11	160	728	461	5	155	10	140	523	441	5	135	10	
						344						344	
												344	
	1668	525					1814	086				688	
							1668	525					BM 38-14A
BM 38-14A							145	561					Hacienda Blvd, 0.3 mi. N. of Gale Ave. @ bridge
													see F.B. 2888-168

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 5-6-71

INDEXED C. J. GALLI DATE

WEATHER Cloudy

TIME 11:45 to 2:10

NOTES CHKD RCK DATE JUN 1 '71

INST. NO. 96 716

ROD NO. 95 & 96

F.B. 4113 PG. 163

7-35

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 38-14A TO BM 38-13A
BM 38-14A									BM 38-14A
				176				12 1/2	Hacienda Blvd & 0.3 mi. N.
1	168	872	469 5	160 16	~~176~~ 3	276	304 5	3 2 18	of Gale Ave. @ bridge
				302				30	F.B. 2888-168
2	299	104	600 5	296 06	27	161	328 5	24 6	
				301 22				84 24	
3	297	616	598 5	293 8	80	322	381 5	76 8	
				297 30				69 32	π-Dreier
4	297	226	598 5	262 1/2 70	34	091	335 5	-2 71	
				106 100				300 103	
5	80	876	381 5	54 52	275	788	576 5	250 50	
				241 152				295 1/2 153	
6	3	569	304 5	3 1/2 42	295	118	516 5	279 32	
				22 194				298 1/2 185	
6	6	721	307 5	6 1/2 32	298	335	599 5	280 36	
				93 226				172 221	
7	71	554	372 5	49 44	148	117	449 5	123 49	
				234 270				151 270	
8	196	002	497 5	158 76	113	822	414 5	75 76	
				√ 346				√ 346	
	1421	540 √			1276	030 √		346	
	1276	030 √						792	
	+145	510 √						6	BM 38-13A
BM 38-13A									Hacienda Blvd. & Gale Av.
									F.B 2888-167 S.E. Cor.

T-70°

WEATHER Hazy Sun INST. NO 9671

TIME 9:10 to 10:00 ROD NO 95 & 9

NOTES CHKD RE H DATE JAN 1 71

F.B. 4113 PG. 164 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-10-71

INDEXED G. L. GALLI 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-62 BP. 4113 PG. 165

SURVEY BY: ~~Highlands~~ G.E. Dreier WEATHER Cloudy & Calm INST. NO. 26774

NOTES BY ~~Highlands~~ Miyahira DATE 5-6-71 TIME 1415 ROD NO. 25-296

INDEXED G. J. GALLI DATE NOTES CHKD K E H DATE 5 11 71

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM 38-14A TO BM 11-114A
BM 38-14A	32	426	333	5	(1/2) 68 32	72	238	590	~~534~~ 539	5	274 202	72	BM 38-14A
													Hacienda Blvd, 0.3 mi. N. of Gale
2	129	842	430	5	181 97	64	259	092	560	5	291 227	64	Ave. @ bridge
						136						136	See F.B. 2888-168
3	161	715	462	5	178 124	74	133	826	434	5	170 96	74	
						210						210	K Dreir
4	188	522	489	5	224 152	72	148	079	449	5	189 107	82	
						282						292	
5	195	163	496	5	228 162	66	153	925	454	5	181 125	56	
						348						348	
6	197	638	498	5	218 176	42	100	674	401	5	121 79	42	
						390						390	
BM 11-114A	905	306					1034	186				390	BM 11-114A E RR. S. of OLD VALLEY
		6 ✓					905	306				780	Hacienda Blvd 0.1 E'ly of City Hall
							-128	880 ✓					FB 3710 - 247

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-114A TO BM 38-14A
BM 11-114A									BM 11-114A
				106				218	Hacienda Blvd. & Old Valley Blvd
1	72	389	373 5	38 68	184	045	485 5	150 68	F.B. 1376-101
				151				205	
2	110	078	411 5	69 82	162	479	463 5	119 86	
				184 150				211 154	π - Dreier
3	144	485	444 5	104 80	172	239	473 5	133 78	
				258 230				163 232	
4	222	258	523 5	186 72	127	401	428 5	91 72	
				206 302				101 304	
5	181	721	482 5	156 50	76	845	377 5	51 50	
				230 352				108 354	
6	214	370	515	198 32	93	478	394 5	78 30	
				√384				√384	
BM 38-14A								384	BM 38-14A
	√945	302			816	487 √		√768	Hacienda Blvd. & 0.3 mi. N. of
	816	487							Gale Ave. @ bridge
	√128	814 √							See F.B. 2888-168

T-68°

WEATHER Hazy Sun INST. NO. 9671

TIME 8:45 to 9:10 ROD NO. 95&9

NOTES CHKD RE DATE JUN 1 '71

F.B. 4113 PG. 166 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net 5-10-71

SURVEY BY Dreier NOTES Maldonado

INDEXED GALLY 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 11-114A TO BM 11-113
BM 11-114A	153	375	454	5	195 / 175	80	107	340	408	5	147 / 67	80	BM 11-114A
1													Hacienda Blvd 0.1 mi E'ly of City Hall
2	210	840	511	5	240 / 180	60	108	750	409	5	138 / 78	60	FB ~~3710-247~~ 1376-101
					✓	140					✓	140	
				5						5		140	⊼ Dreier
	364	215 ✓					216	090 ✓			✓	280	
M.11-113	216	090											BM 11-113
													Old Vally Blvd @ Glendora Ave &
	+148	125 ✓											Main St.
													FB 3710-247

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

SURVEY BY GE Dreier

NOTES BY Miyahira DATE 6 May '71

INDEXED C. I. GAN DATE

WEATHER Cloudy & Clear

TIME 1805

NOTES CHKD RE

T= 60

F.B. 4113 PG. 167

INST. NO. 96716

ROD NO. 95896

DATE [illegible] 1 71

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 11-~~114A~~ 113 TO BM 11-~~114~~ A
BM 11-14A													BM 11-~~114A~~ 113
					135						233		Old Valley Blvd., Glendora A
1	104	670	405	5	73	62	204	163	505	5	175	58	& Main St. 3710-247
					144						194		F.B. ~~3710-247~~ ~~1376-101~~
2	106	369	407	5	68	76	154	975	455	5	114	80	
					✓138						✓138		
											138		
	✓211	039					✓359	138			✓276		
							211	039					
BM 11-~~113~~ 114A							✓148	099					BM 11-~~113~~ 114A
													Hacienda Blvd. & Old Valley Blvd
													F.B. ~~3710-247~~ 1376-101

T-58°

WEATHER Hazy Sun INST. NO. 9671

TIME 8:30 to 8:45 ROD NO. 9569

NOTES CHKD REA DATE JUN 1 '71

F.B. 4113 PG. 168 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-10-71

INDEXED G. I. GALD 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 11-113 TO BM 38-15A
BM 11-113									BM 11-113
				229				207	Old Valley Blvd. & Glendora Ave
1	197	965	498 5	165 64	176	703	477 5	145 62	& Main St
				178				209	F.B. 3710-247
2	142	835	443 5	106 72	173	200	474 5	137 72	
				254 136				95 134	
3	223	574	524 5	192 62	63	860	364 5	31 64	
				298 198				301 198	π-Siemann
4	298	712	599 5	270½ 56	4	388	305 5	4½ 52	
				302 254				117 250	
5	271	230	572 5	240 62	87	211	388 5	57 60	
				280 316				120 310	
6	249	260	550 5	218 62	88	332	389 5	56 64	
				170 378				212 374	
7	154	160	455 5	138 32	194	840	495 5	176 36	
				√410				√410	
								410	
	√1537	736		√	788	534		√820	BM 38-15A
	788	534							Glendora Ave. & Hill St.
BM 38-15A	+749	202 √							F.B. 3709-78

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 5-7-71 TIME 8:30 to 9:00 ROD NO. 95896

INDEXED L. GALLI DATE NOTES CHKD RCH DATE 1 71

F.B. 4113 PG. 169

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 38-15A TO BM 11-113
BM 38-15A													BM 38-15A
					235						271		Glendora Ave. & Hill St.
1	205	260	506	5	175	60	241	010	542	5	211	60	F.B. 3709-78
					100						294		
2	66	870	367	5	32	68	259	657	560	5	224	70	
						128						130	
3	5	019	306	5	39 1/2 5	68	285	820	586	5	285 1/2 254	62	
						196						192	
4	15	330	316	5	39 1/2 15	48	233	701	534	5	259 207	52	π-Siemann
						244						244	
5	133	058	434	5	172 94	78	134	133	435	5	172 96	76	
					196	322					206	320	
6	167	160	468	5	138	58	176	592	477	5	146	60	
					124	380					135	380	
7	115	749	416	5	106	18	126	871	427	5	117	18	
						√398						√398	
												398	
	~~698~~ 70	446 √					457	784 √				√796	
							~~698~~ 78	446					BM 11-113
BM 11-113							759 4	338 √					Old Valley Blvd., Glendora Ave. & Main St.
													F.B. 3710-247

T-68°

WEATHER Cloudy & Breezy INST. NO. 9671

TIME 2:50 to 3:15 ROD NO. 95 & 9

NOTES CHKD KEA DATE JAN 1

F.B. 4113 PG. 170 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-7-71

INDEXED G. J. GALLI 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 BM38-15A TO BM38-16A
BM 38-15A									BM 38-15 A
				113				299	Glendora Ave. & Hill St
1	78	977	379 5	43 70	264	319	565 5	229 70	F.B. 3709-78
				50 1/2				279 1/2	
2	16	233	317 5	16 68	279	020	580 5	245 68	
				123 138				241 138	
3	87	551	388 5	51 72	205	006	506 5	169 72	X-Siemann
				162 210				288 210	
4	126	799	427 5	90 72	250	073	551 5	212 72	
				124 282				207 282	
5	90	913	391 5	56 68	173	466	474 5	139 68	
				177 350				210 350	
6	142	466	443 5	107 70	175	422	476 5	140 70	
				159 420				182 420	
7	142	721	443 5	125 34	166	921	467 5	150 32	
				√ 454				√ 452	
								454	
	√ 685	660			√ 1514	227		√ 906	
					685	660			
					√ 828	567			BM38-16A
BM 38-16A									Hacienda Blvd. & Loukelton St
									F.B. 2888-169

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-66

SURVEY BY GE Dreier

NOTES BY Maldonado DATE 5-7-71

INDEXED G. J. GALLI DATE

WEATHER Cloudy

TIME 9:00 to 9:30

NOTES CHKD RE

INST. NO. 96716

ROD NO. 95696

DATE [illegible] 71

F.B. 4113 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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 38-16A TO BM 38-15A
BM 38-16A													BM 38-16A
					244						207		Hacienda Blvd. & Loukelton S
1	204	871	505	5	164	80	166	953	467	5	125	82	F.B. 2888-169
					225						136		
2	187	884	488	5	149	76	95	669	396	5	54	82	
					263	156					138	164	
3	232	201	533	5	201	62	107	011	408	5	76	62	
					229	218					145	226	K. Siemann
4	190	302	491	5	151	78	109	700	410	5	73	72	
					287	296					65	298	
5	252	866	553	5	217	70	31	703	332	5	31 ½	68	
					275	366					74	366	
6	275	733	576	5	241 ½	68	37	851	338	5	0	74	
					190	434					153	440	
7	182	470	483	5	174	16	149	022	450	5	145	8	
						√450						√448	
													BM 38-15A
BM 38-15A												450	Glendora Ave. & Hill St.
	1526	327 √					697	909 √				√898	F.B. 3709-78
	697	909											
	+828	418 √											

T-72

WEATHER Cloudy INST. NO. 9671

TIME 2:15 to 2:45 ROD NO. 95 & 97

NOTES CHKD RE H DATE JAN 1 '71

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-7-71

INDEXED G. J. GALLI DATE

F.B. 4112 PG. 172 JOB NO. 0301.02

76P526B CE # 308 8/68

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

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Waldemada DATE 5-7-71 WEATHER Cloudy INST. NO. 96716
TIME 9:30 to 4:55 ROD NO. 95894
INDEXED DATE NOTES CHKD DATE
F.B. 4113 PG. 173
7-68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 38-16A TO BM 38-17A
BM 38-16A									BM 38-16A
				748				236	Hacienda Blvd. & Workelton St.
1	213	118	514 5	178 70	201	927	502 5	166 70	F.B. 2888-169
				191				139	
2	156	300	457 5	121 70	103	882	404 5	67 72	
				188 140				178 142	
3	151	077	452 5	114 74	142	935	443 5	106 72	* - Siemann
				173 214				175 214	
4	173	530	474 5	138 1/2 70	139	699	440 5	103 72	
				284				286	
5	184	450	485 5	148 72	120	931	421 5	85 70	
				220 356				144 356	
6	178	031	479 5	139 78	105	450	406 5	66 78	
				√434				√434	
								434	
	√1056	506		✓	814	774		√868	
	814	774							
	√241	732							
BM 38-17A									BM 38-17A
									Hacienda Blvd. & Fairgrove Ave.
									F.B. 2888-170 N.E. Cor.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM38-17A TO BM38-16A
BM 38-17A									BM 38-17A
				160				217	Hacienda Blvd. & Fairgrove
1	127	020	428 5	94 66	184	891	485 5	151 66	Ave. N.E. Cor.
				166				219	F.B. 2888-170
2	132	140	433 5	98 68	184	010	485 5	149 70	
				174 134				208 136	
3	140	342	441 5	106 68	174	720	475 5	140 68	
				172 202	177			210 204	
4	138	527	439 5	104 68	~~178~~	888	478 5	144 66	T-Siemann
				170 270				204 270	
5	134	000	435 5	98 72	168	150	469 5	132 72	
				186 342				154 342	
6	152	440	453 5	118 68	122	246	423 5	90 64	
				148 410				204 406	
7	136	140	437 5	124 24	190	400	491 5	176 28	
				434				434	
								434	
	960	609			1202	305		868	
					960	609			
					241	696			BM 38-16A
BM 38-16A									Hacienda Blvd. & Loukelton S
									F.B. 2888-169

T-71°

WEATHER Cloudy INST. NO 9671

TIME 1:45 to 2:15 ROD NO 95 & 9

NOTES CHKD KEH DATE

F.B. 4113 PG. 174 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-7-71

INDEXED G. J. GALLI 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-69°

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 5-7-71

INDEXED C. J. GALLI DATE

WEATHER Sun & Cloudy INST. NO. 96716

TIME 10:00 to 10:25 ROD NO. 95 & 96

NOTES CHKD RE# DATE [illegible] 71

F.B. 4113 PG. 175

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 38-17A TO BM 37-9
BM 38-17A									BM 38-17A
				236				171	Hacienda Blvd. & Fairgrove Ave.
1	202	129	503 5	168 68	137	312	438 5	103 68	F.B. 2888-170 N.E. Cor.
				245				175	
2	210	399	511 5	175 70	140	510	441 5	105 70	
				239 138				162 138	
3	205	189	506 5	171 68	~~130~~ 129	851	430 5	96 66	R-Siemann
				230 206				155 204	
4	195	830	496 5	160 70	120	791	421 5	85 70	
				218 276				147 274	
5	188	269	489 5	158 60	117	820	418 5	87 60	
				176 336				183 334	
6	161	329	462 5	146 30	167	080	468 5	151 32	
				√366				√366	
								366	
	√1163	145			√813	364		√732	
	813	364							
	√+349	781							
BM 37-9									BM 37-9 (L.A.Co. Trav. Sta. PUENTE G-9)
									Hacienda Blvd. & ~~San~~ Francisquito
									Ave. to West. & Int.
									see F.B. 2890-8

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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 37-9 TO BM38-17A
BM 37-9													BM 37-9 (L.A. Co. Travers Sta.
					176						208		PUENTE G-7)
1	149	061	450	5	122	54	181	289	482	5	154	54	Hacienda Blvd. & Francisquit
					155						220		Ave. to west.
2	122	200	423	5	89	66	189	388	490	5	156	64	F.B. 2890-8
					166	120					239	118	
3	130	222	431	5	94	72	205	190	506	5	171	68	
					184	192					224	186	X-Siemann
4	149	110	450	5	114	70	190	370	491	5	156	68	
					156	262					224	254	
5	12[illegible]	548	428	5	98	58	191	475	492	5	158	66	
					158	320					228	320	
6	130	480	431	5	102	56	200	613	501	5	172	56	
						√376						√376	
												376	
	√808	621					√1158	325				√752	
							808	621					
							√349	704					
BM 38-17A													BM 38-17A
													Hacienda Blvd. & Fairgrove
													Ave. N.E. Cor.
													F.B. 2888-170

T-74°

WEATHER Cloudy INST. NO. 9671

TIME 1:15 to 1:40 ROD NO. 9529

NOTES CHKD REH DATE JUN 1 '71

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-7-71

INDEXED C. J. GALLI DATE

4113 FG. 176

526 B CE # 308 8/68

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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.

ATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 37-9 TO B.M. 37-~~10~~ 8
37-9									B.M. 37-9 (PUENTE G-7)
1	232	367	533 5	268 196 72	95	103	396 5	130 60 70	HACIENDA BLVD. & FRANCISQUITO
									AVE. TO WEST.
2	189	825	490 5	216 162 54	124	047	425 5	152 98 54	SEE F.B. 2890-8
				126				124	
3	194	588	495 5	220 168 52	135	356	436 5	161 109 52	π = MALDONADO
				√178				√176	
37-8								178	B.M. 37-8 (PUENTE G-6A)
	√616	780			√354	506		√354	HACIENDA BLVD. & FRANCISQUITO AVE. E.
	354	506							SEE F.B. 2890-7
	√+262	274							

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

SURVEY BY G.E. DREIER WEATHER PTLY CLOUDY INST. NO. 9676

NOTES BY SIEMANN DATE 5-7-71 TIME 10:25 TO 10:40 ROD NO. 95496

INDEXED C.J. GALLI DATE NOTES CHKD REH DATE 1 71

F.B. 4113 PG. 177

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. 37-8 TO B.M. 37-9
B.M. 37-8									B.M. 37-8 (PUENTE G-6A)
1	143	848	444 5	177 109 68	197	735	498 5	230 164 66	HACIENDA BLVD. & FRANCISQUITO AVE
									SEE F.B. 2890-7
2	84	064	385 5	120 48 72	205	931	506 5	242 168 74	
				140				140	T = MALDONADO
3	121	202	422 5	140 102 38	207	641	508 5	226 188 38	
				√178				√178	
B.M. 37-9								178	B.M. 37-9 (PUENTE G-7)
	√349	114			√611	307		√356	HACIENDA BLVD. & FRANCISQUITO AVE W.
					349	114			SEE F.B. 2890-8
					√-262	193			

T = 66°

WEATHER PLY CLOUDY INST. NO. 96716

TIME 11:45 TO 12:00 ROD NO. 75896

NOTES CHKD [illegible] DATE [illegible]

F.B. 4113 PG. 178 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-7-71

INDEXED G. J. GALLI DATE

76P526B CE # 308 8/68

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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 = 66°

SURVEY BY G.E. DREIER WEATHER PTLY CLOUDY INST. NO. 9671

NOTES BY SIEMANN DATE 5-7-71 TIME 10:40 TO 11:10 ROD NO. 95 & 9

INDEXED B. J. GALLI DATE NOTES CHKD REH DATE [illegible]

F.B. 4113 PG. 179

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 37-8 TO B.M. 37-7
M.37-8									B.M. 37-8 (PUENTE G-6A)
1	211	739	512 5	238 184 54	155	518	456 5	182 128 54	HACIENDA BLVD. & FRANCISQUITO AVE. E.
									SEE F.B. 2890-7
2	189	351	490 5	224 154 70	133	018	434 5	167 99 68	
				124				122	
3	198	190	499 5	234 162 72	108	977	409 5	145 71 74	
				196				196	
4	193	471	494 5	228 158 70	114	477	415 5	149 79 70	π = MALDONADO
				266				266	
5	195	356	496 5	230 160 70	117	434	418 5	152 82 70	
				336				336	
6	203	940	504 5	239 167 72	88	706	389 5	125 51 74	
				408				410	
7	185	737	486 5	208 162 46			5	44	
				454	164	530	465	186 142 454	
								454	B.M. 37-7 (PUENTE 1-6)
M.37-7	1377	784			882	160		908	FRANCISQUITO AVE & WALNUT AVE.
	882	160				6			SEE F.B. 3709-143
	+495	624							
		1							

REH

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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

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F.B. 4113 PG. 180 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-7-71

INDEXED G. J. GALLI DATE

NOTES CHKD KSH DATE JAN 1 71

WEATHER PTLY CLOUDY INST. NO. 96714

TIME 11:15 TO 4:45 ROD NO. 25-29

T = 66°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 37-7 TO B.M. 37-8
B.M. 37-7									B.M. 37-7 (PUENTE - I-6)
1	122	621	423	5 156 88 68	185	279	486	5 220 150 70	FRANCISQUITO AVE. & WALNUT AVE.
									SEE F.B. 3709-143
2	93	342	394	5 130 56 74	186	418	487	5 222 150 72	
				142				142	
3	101	298	402	5 136 66 70	184	409	485	5 218 150 68	
				212				210	
4	105	792	406	5 138 72 66	188	089	489	5 214 155 66	T = MALDONADO
				278				276	
5	117	959	418	5 150 84 66	171	193	472	5 203 139 64	
				344				340	
6	114	099	415	5 148 80 68	161	887	462	5 196 126 70	
				412				410	
7	130	352	431	5 148 112 36	203	132	504	5 224 182 42	
				√448				√452	
								448	
B.M. 37-8									B.M. 37-8 (PUENTE G-6A)
	√	785	463		√	1280	407		√900 HACIENDA BLVD. & FRANCISQUITO AVE. E.
						785	463		SEE F.B. 2890-7
					√	494	944		
							9		

DE 4 908 6/58

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LOS ANGELES COUNTY ENGINEER
603 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

SURVEY NO. 0331.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 78
NOTES BY M.Y. Zhigalo E. Dreier WEATHER Calm & Clear INST. NO. 96716
COMPUTED BY C.J. Gallo DATE 13 May 1971 TIME 1330 ROD NO. 95496
INDEXED DATE NOTES CHKD DATE JUN 1 '71
F.B. 4113 Pg. 181

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA	FORESIGHT RIGHT	MIC.	LEFT		STADIA	DESCRIPTION AND REMARKS (RERUN)
											FROM BM 37-8 TO BM 37-7
BM 37-8											BM 37-8 (Puente G-6A)
											Hacienda Blvd @ Francisquito Ave E.
											FB 2890-7
1	204	098	505	5	234 / 174 — 60	144	088	445	5	174 / 114 — 60	
2	176	617	477	5	209 / 143 — 66 / 126	121	223	422	5	154 / 88 — 66 / 126	
3	195	867	496	5	226 / 164 — 62 / 188	121	031	422	5	152 / 90 — 62 / 188	RERUN
4	187	870	488	5	218 / 156 — 62 / 250	119 ~~118~~	042	420	5	150 / 88 — 62 / 250	T Maldonado
5	192	770	493	5	224 / 160 — 64 / 314	112	840	413	5	145 / 79 — 66 / 316	
6	199	647	500	5	232 / 166 — 66 / 380	119	730	420	5	150 / 88 — 62 / 378	
7	188	958	489	5	215 / 161 — 54 / 434	115	202	416	5	143 / 87 — 56 / 434	
8	177	128	478	5	185 / 169 — 16 ~~28~~ / √450	174	894	475	5	183 / 165 — 18 / √452	
										450 / √902	
BM 37-7											BM 37-7 (Puente I-6)
	√1522955					√1028050					Francisquito Ave @ Walnut Ave
	1028050										See FB 3709 - 143
	√+494905										

Res Ck'd by
Job No.
Office Work
Checked
Date

Survey of L.A. Co. PRECISE LEVELNET F. B. 4113 PG. 5
JN 0301.02 Tape Std °F
Surveyed by
Notes Date
Indexed

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