Notes Ck'd by	Survey of L.A.Co.PRECISE LEVELNET F. B. 4109 PG. 5
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E.DREIER
Checked	Notes Date 1970-71
Date	Indexed F. S. TELLEZ APR 22 '71

BOOK INDEX

	F.B. 4109 - PAGES
LEVEL LINE NO. 52 1970 RELEVELING	5 TO 80
LEVEL LINES NO. 60 & 208, MAR. 1971 RELEVELING (PORTIONS OF)	91 TO 134

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed G.E. DREIER
Checked	Notes Date DEC 1970
Date	Indexed L.L. GALL FEB 24 '71

F. B. 4109 Pg. 7

JOB NO. 0301.02

L.A. CO. PRECISE LEVEL NET

LEVEL LINE NO. 52, 1970 RELEVELING

DREIER
MALDONADO
SIEMANN
McKNIGHT

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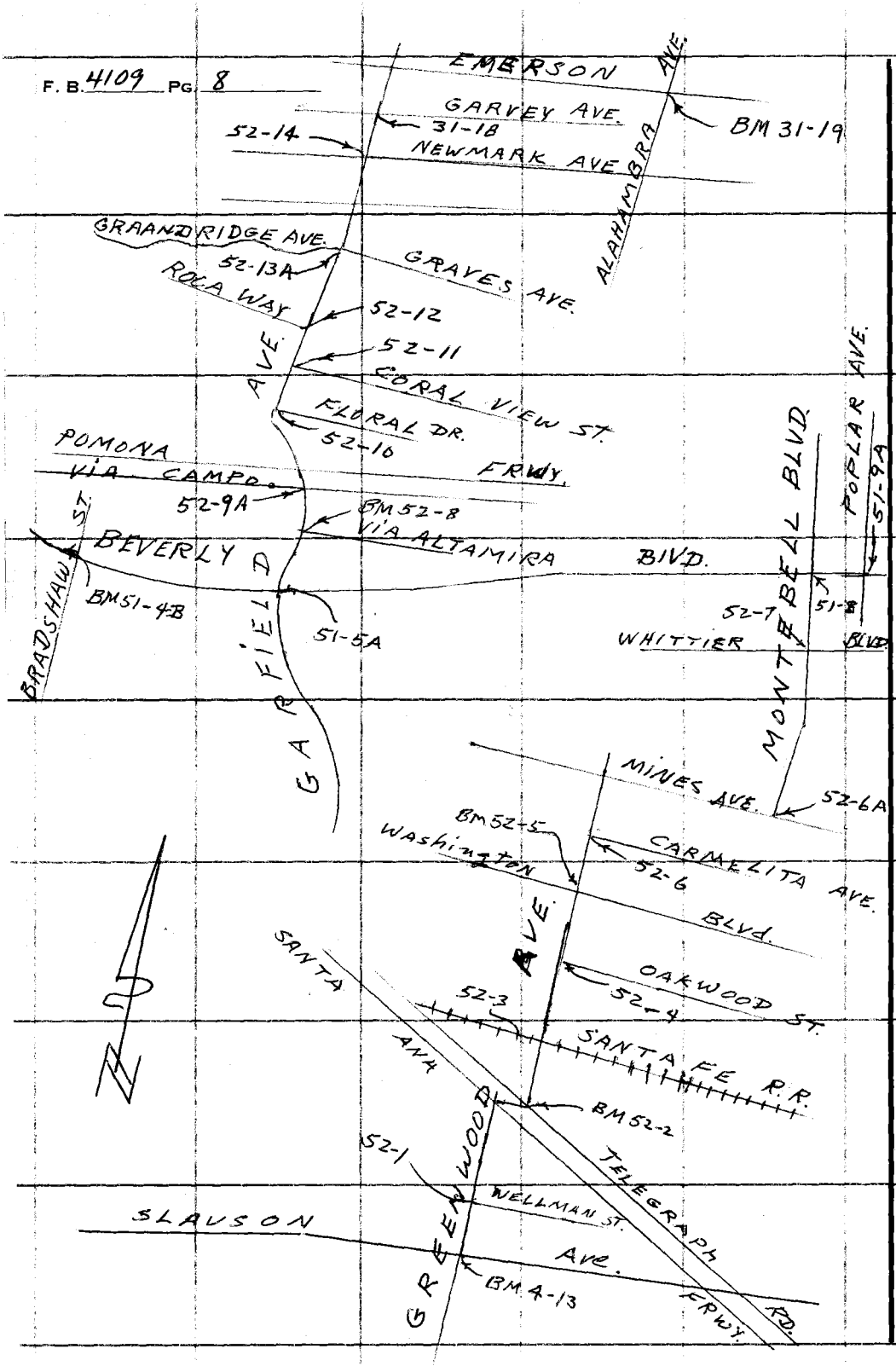
76F3095 CE#310 3-69

F. B. 4109 PG. 8



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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 70°
SURVEY BY G.E. DREIER WEATHER HAZE
NOTES BY G.E. DREIER DATE 12-11-70 TIME 2:00 INST. NO. 26716
INDEXED G.E. DREIER DATE FEB 24 NOTES CHKD DATE ROD NO. 25 & 26
F.B. 4109 Pg. 9

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	157	455	5	156 152 4	154	349	455	5 181 127 54 54 M- 4 M= 50 M=0.20 mm
2	150	638	451	5	152 148 4	150	616	451	5 177 123 54 54 M- 4 M= 50 M=0.20 mm
	304	795			8	304	965		108
							0.40 mm		
	+						~~-0. mm~~		- 8 Curvature Corr.=0.40 mm
						304	925		100
						304	795		
						-	130 mm		
				mm= "C"					
		1							
						-	0.013 mm = "C"		
						100	1.30		

76P526B CE # 306 8-59

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

SURVEY BY G.E. DREIER DATE 12-18-70 WEATHER CLEAR INST. NO. 96716

NOTES BY G.E. DREIER TIME 9:00 ROD NO. 85496

INDEXED G.E. DREIER DATE FEB 2 A-71 NOTES CHKD DATE

F.B. 4109 Pg. 11

50° 50°

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	153	178	454 5	155 154 4	153	361	454 5	180 126 54	54M- 4 M= 50M=0.20 mm
2	153	677	454 5	155 151 4	153	620	454 5	180 126 54	54M- 4 M= 50M=0.20 mm
	306	855		8	306	981			
	+				-0.	040 mm		-8	Curvature Corr.=0. mm
					306	941			
					306	855			
					-	086 mm			
				mm= "C"					
						-0.009		mm= "C"	
					100	0.86			

76P526B CE # 308 8-59

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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 12-15-70

INDEXED [redacted] DATE FEB 24 71

WEATHER HAZY SUN 65° TIME 1:00

NOTES CHKD DATE

INST. NO. 76716 ROD NO. 95 & 96

F.B. 4108 PG. 63

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	140	873	441	5	142 138	4	129	570	430	5	156 102 54 54M- 4M= 50 M=0.20 mm
2	156	532	457	5	158 154	4	167	854	468	5	194 140 54 54M- 4 M= 50 M=0.20 mm
	297	405				8	297	424			108
	297	384						0.40 mm			
	+	021					-0. mm				- 8 Curvature Corr.=0.40 mm
							297	384			100
							-				
		+0.002			mm= "C"						
	100	0.210									
									mm= "C"		

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 52°

SURVEY BY G. E. DREIER WEATHER OVERCAST INST. NO. 76716

NOTES BY SIEMANN DATE 12-16-70 TIME 8:18 TO 8:30 ROD NO. 95296

INDEXED B. L. GALLY DATE FEB 24 71 NOTES CHKD DATE

F.B. 4108 PG. 15

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	145	549	446 5	143 / 143 4	121	729	422 5	148 / 94 54	54 M- 4 M= 50 M=0.20 mm
2	146	671	447 5	148 / 144 4	170	589	471 5	197 / 143 54	54 M- 4 M= 50 M=0.20 mm
	292	220			292	318		108	
				8		040		8	Curvature Corr.=0.40 mm
	+				-0.	mm			
					292	278		100	
					292	220			
					-	058			
				mm= "C"					
						- 006 mm= "C"			
					100	058			

76P526B CE # 308 6-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 54°

SURVEY BY G.E. DREIER DATE 12-17-70 WEATHER SHOWERY INST. NO. 96716

NOTES BY G.E. DREIER TIME 9:15 ROD NO. 25 & 26

INDEXED [redacted] DATE [redacted] NOTES CHKD. DATE

F.B. 4109 PG. 17

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	151	790	4525	153 / 149 4	145	250	4465	172 / 118 54	54M- 4M= 50M=0.20 mm
2	133	258	4345	135 / 131 4	139	878	4405	166 / 112 54	54M- 4M= 50M=0.20 mm
	285	048		8	285	128		108	
	+					40 mm			
					-0.	mm		- 8	Curvature Corr.=0.40 mm
								100	
					285	088			
					285	048			
					-	0,40			
				mm= "C"					

76P526B CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 45°

SURVEY BY G.E. DREIER WEATHER CLEAR

NOTES BY G.E. DREIER DATE 12-18-70 TIME 8:20 INST. NO. 86716

INDEXED L.L. GALLY DATE FB 247 NOTES CHKD. DATE ROD NO. 85 & 96

F.B. 4109 Pg. 19

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	154	188	455 5	156 / 152 4	184	362	485 5	211 / 157 54	54 M- 4 M= 50 M=0.20 mm
2	148	801	449 5	150 / 146 4	118	785	419 5	145 / 91 54	54 M- 4 M= 50 M=0.20 mm
	302	989		8	303	147		108	
	+				-0.	0.40 mm		-8	Curvature Corr.=0.40 mm
					303	107		100	
					302	989			
					-	1.18			
				mm= "C"					
						- 0.012 mm= "C"			
					100	1.18			

76P526B CE # 308 6-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 52° F.B. 4109 PG. 21
SURVEY BY RANDALL WEATHER OVERCAST INST. NO. 26716
NOTES BY SIEMANN DATE 12-21-70 TIME 10:30TO10:40 ROD NO. 25256
INDEXED L.A. GATE DATE FB 24 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	153	741	454	5 155 151 4	193	422	491	5 217 163 54	54M- 4 M= 50 M=0.20 mm
2	148	982	449	5 156 146 4	112	373	413	5 139 85 54	54M- 4 M= 50 M=0.20 mm
	302	723			302	795		108	
				8		040		8	
	+				-0.	mm			Curvature Corr.=0.40 mm
					302	755		100	
					302	723			
					-	032			
				mm= "C"					
	1								
						- 0.03 mm = "C"			
					100	032			

76P526B CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-50°

SURVEY BY R. ANDALC WEATHER PTLY CLOUDY INST. NO. 96716

NOTES BY SIEMBENI DATE 12-22-70 TIME 8:45 TO 8:55 ROD NO. 2139AB

INDEXED L.G.GALT DATE FEB 24 NOTES CHKD DATE

F.B. 4109 Pg. 73

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
				DETERMINATION OF "C"					
				NEAR ROD				FAR ROD	
1	151	202	452	5 153 149 4	189	191	490	5 216 162 54	54 M- 4 M= 50 M=0.20 mm
2	143	418	444	5 145 141 4	105	498	406	5 132 78 54	54 M- 4 M= 50 M=0.30 mm
	294	620		8	294	689		108	
						040		8	
	+				-0.	mm			Curvature Corr.=0.40 mm
					294	649		100	
					294	620			
					-	029			
				mm= "C"					
		1							
						-	003	mm= "C"	
					100	0	029		

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 SIEMANN DATE 12-16-70 WEATHER Cloudy INST. NO. 96716

INDEXED B. GALLI DATE FEB 24 TIME 8:30 To 5:00 ROD NO. 95 & 96

NOTES CHKD. RCR DATE 2-71

T-52°

F.B. 4109 PG. 25

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM. 4-17 TO BM. 4-17A
B.M. 4-17							B.M. 4-17 (BELL K-4 1941)
1	191 847	492 5	228 / 154 74	3 / 19 028	440 5	176 / 102 74	TELEGRAPH RD. & PARAMOUNT BLVD.
							SEE F.B. 1205-22
2	146 282	447 5	186 / 106 80 / 154	155 682	456 5	193 / 117 76 / 150	
3	145 475	446 5	187 / 103 84 / 238	129 530	430 5	173 / 85 88 / 238	
4	122 661	423 5	164 / 80 84 / 322	118 024	419 5	159 / 77 82 / 320	
5	62 321	363 5	97 / 27 70 / 392	228 550	529 5	263 / 193 70 / 390	T = JOE MALDONADO
6	277 390	578 5	286 / 268 18 / 410	17 146	318 5	28 / 6 22 / 412	
7	266 584	567 5	270 / 262 8 / 418	12 137	313 5	16 / 8 8 / 420	
8	238 372	539 5	258 / 238 40 / 458	180 289	481 5	200 / 180 40 / 460	
						458	B.M. 4-17A
B.M. 4-17A	1450932			980386		918	R.R. BRIDGE N. OF TELEGRAPH & SLAUSEN. SEE F.B. 3708-109
	980386						
	+470546						

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F.B. 4109 PG. 26 JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES [illegible] DATE 12-16-70

INDEXED [illegible] DATE

WEATHER Overcast COLD T = 20°

TIME 8:35 TO 11:15 ROD NO 93526 INST. NO. 96116

NOTES CHKD RCB DATE 2-71

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM 4-17A TO 4-17
B.M. 4-17A							B.M. 4-17A
1	178108	479 5	199 / 178 42	236888	537 5	255 / 236 38	R.R. BRIDGE E. OF TELEGRAPH & SLAUSEN. SEE F.B. 3708-109
2	3492	304 5	8 / 3 10 / 52	284389	585 5	289 / 279 10	
3	20106	321 5	28 / 12 16	232918	533 5	242 / 222 20 / 48	
4	262409	563 5	293 / 231 62 / 68	117871	418 5	150 / 84 66	
5	108313	409 5	144 / 72 72 / 130	136378	437 5	173 / 99 74 / 134	T = MALDONADO
6	159112	460 5	200 / 118 82 / 202	149168	450 5	189 / 109 80 / 208	
7	151129	452 5	194 / 108 86 / 284	141632	442 5	184 / 98 86 / 288	
8	139650	440 5	182 / 96 86 / 370	193299	494 5	233 / 153 80 / 374	
			456			454	
B.M. 4-17						456	B.M. 4-17
	1022319 ✓			1492543 ✓		910	TELEGRAPH RD. & PARAMONT BLVD. SEE F.B. 1205-22
				1022319			
				-470224 ✓			

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NETS
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 12-17-70 WEATHER RAINY
INDEXED G. J. GALLY DATE FEB 2 4 71 NOTES CHKD RCG DATE 2-71
TIME 9:30 TO 10:05 INST. NO 96716
ROD NO 95 & 96
F.B. 4109 PG. 27

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
				RERUN			FROM B.M. 4-17 TO B.M. 4-17A
B.M. 4-17							B.M. 4-17 (BELL K-9 1941)
1	191 680	492 5	231 151 80	137 253	438 5	178 96 82	TELEGRAPH RD. & PARAMOUNT BLVD
							F.B. 1205-22
2	148 929	449 5	197 99 98	158 300	459 5	206 110 96	
3	145 781	446 5	193 97 96 178	155 982	456 5	202 108 94 178	RERUN
							J. MALDONADO
4	184 879	485 5	230 138 92 274	275 684	576 5	275 228 94 272	
5	207 017	508 5	236 178 58 366	4 979	305 5	34 4 60 366	
6	268 021	567 5	276 256 20 424	11 667	312 5	22 0 22 426	
7	246 808	547 5	268 246 44 444	176 768	477 5	196 176 40 448	
			488			488	
						488	
	~~829~~			920 633		976	
B.M. 4-17A	1391 115						B.M. 4-17A (B.M. B-8)
	920 633						R.R. BRIDGE, E. OF TELEGRAPH RD & SLAUSON
	+470482						SEE F.B. 3708-109

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F.B. 4109 PG. 28 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 12-17-70

INDEXED [redacted] DATE

T = 57°

WEATHER OVERCAST SHOWERS

TIME 10:05 to 10:40

NOTES CHKD. RCB

INST. NO. 96716

ROD NO. 95 & 96

DATE 2-71

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	RERUN / DESCRIPTION AND REMARKS From B.M. 4-17A To B.M. 4-17
B.M. 4-17A							B.M. 4-17A
1	178 482	479 5	198 ½ 178 40	248 832	549 5	269 ½ 248 42	R.R. BRIDGE, E OF TELEGRAPH RD. & SLAUSON
2	28203	329 5	30 26 4	281 941	582 5	283 279 4	SEE F.B. 3708-109
3	31 299	332 5	62 0 62	175 562	476 5	207 46 143 64	RERUN
4	216421	517 5	255 177 78	186 741	487 5	226 110 146 80	π J. MALDONADO
5	163 802	4645	206 120 86	141 571	442 5	181 190 101 80	
6	163 383	4645	210 116 94	159 301	460 5	206 270 112 94	
7	145 680	446 5	184 364 106 78	162 132	463 5	201 364 123 78	
8	147 763	448 5	161 133 28	189 317	490 5	203 442 175 28	
			470 ✓			470 ✓	
B.M. 4-17						470	B.M. 4-17
	1075033 ✓			1545397 ✓		~940	TELEGRAPH RD. & PARAMOUNT BLVD.
				1075033			SEE F.B. 1205-22
				~470 364 ✓			

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 SIEMANN

INDEXED G.L. GALLI

DATE 12-16-70

DATE FB 247

WEATHER OVERCAST

TIME 9:05 TO 9:50

NOTES CHKD RCG

INST. NO 96716

ROD NO 95496

DATE 2-71

T = 50°

F.B. 4109 PG. 29

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From B.M. 4-17A to B.M. 4-18
B.M. 4-17A	43		139	3		211	B.M. 4-17A (B.M. B-8)
1	107370	408 5	75 64	181 441	482 5	151 60	R.R. BRIDGE, N.E. of TELEGRAPH & SLAUSON
							SEE F.B. 3708-109
2	144457	445 5	183 105 78	189524	490 5	230 148 82	
							142
3	188090	489 5	223 153 70	157632	458 5	192 122 70	
			212			212	
4	179881	480 5	220 138 82	95110	396 5	131 59 72	T = MALDONADO
			294			284	
5	186318	487 5	225 147 78	133998	434 5	177 89 88	
			372			372	
6	165382	466 5	202 128 74	140268	441 5	177 103 74	
			446			446	
7	137792	438 5	158 116 42	189658	490 5	209 169 40	
			488 ✓			486 ✓	
B.M. 4-18						488	B.M. 4-18
	109290 ✓			1087631 ✓		974 ✓	SLAUSON AVE. & GREENWOOD AVE.
	1087631						SEE F.B. 1205-23
	+ 21659 ✓						

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F.B. 4109 PG. 30 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 12-16-70 DATE

INDEXED [redacted]

NOTES CHKD. RCB DATE 2-71

WEATHER OVERCAST INST. NO. 96716

TIME 10:05 TO 10:40 ROD NO. 96896

T = 50°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 4-18 TO 4-17A
BM. 4-18									B.M. 4-18
1	199	542	500 5	240 / 15 882	155	369	456 5	195 / 115 80	SLAUSON AVE & GREENWOOD ST.
									SEE F.B. 1205-23
2	126	211	427 5	167 / 85 82	159	152	460 5	201 / 117 84	
3	103	659	404 5	138 164 / 103 70	197	913	498 5	232 164 / 161 74	
4	124	417	425 5	161 234 / 87 74	144	092	445 5	182 235 / 106 76	
5	114	722	415 5	152 308 / 76 76	109	610	410 5	46 311 / 72 74	T = MALDONADO
6	176	438	477 5	212 384 / 140 72	139	302	440 5	174 385 / 104 70	
7	177	952	478 5	192 456 / 162 30	139	263	440 5	154 455 / 123 31	
				486				486	
BM. 4-17A								486	B.M. 4-17A
	1022	941			1044	701		972	R.R. BRIDGE N. OF TELEGRAPH RD.
					1022	941			& SLAUSON. SEE F.B. 3708-109
					21	760			

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. 4-18 TO B.M. 52-1
BM 4-18							B.M. 4-18
			232			218	SLAUSON AVE & GREENWOOD ST (25' W. ℄)
1	203 578	504 5	174 58	189 710	4905	160 58	SEE F.B. 1205-23
						58	
	189 710					116 ✓	
	+ 13868 ✓						
							T-Siemann
							BM 52-1
							Greenwood Ave. & Wellman St. Rt.
BM-52-1							See F.B. 3707-193

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

SURVEY BY Mahlon Rolo & E. Draper

NOTES BY B. L. GALLI

INDEXED

DATE 12-16-70

DATE FEB 24 71

WEATHER Overcast

TIME 10:00

NOTES CHKD RCG

INST. NO. 86716

ROD NO. 55-92

DATE 2-71

T-50°

F.B. 4109 PG. 31

F.B. 4109 PG. 32 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Max Edmonds 12-16-70

INDEXED G. D. GALLI DATE

T-50°

WEATHER Overcast INST. NO. 76772

TIME 10:05 ROD NO. 9-55

NOTES CHKD RCG DATE 2-71

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA	FROM BM 52-1 TO BM 4-18
BM 52-1								BM 52-1
			220				234	Greenwood & Welman St. EI
1	191 160	492 5	162 58		205 020	506 5	176 58	See F.B. 3707-193
					191 160		58	
					+13 860		116	x-Siemann
BM 4-18								BM 4-18
								Slauson & Greenwood Ave.
								See F.B. 1205-23

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 T=70°

SURVEY BY G.E. DREIER WEATHER HAZE INST. NO 46716

NOTES BY G.E. DREIER DATE 12-11-70 TIME 2:20 TO ROD NO 25896

INDEXED [redacted] GALL DATE FEB 24 [redacted] NOTES CHKD RCG DATE 2-71

F.B. 4108 PG. 33

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM. 52-1 TO B.M. 52-2
B.M.51-1									B.M.51-1
1	22	2081	5235	257 193 58	115	467	4165	144 86 58	GREENWOOD AVE & WELLMAN ST
									SEE F.B ~~2409-9~~ 3707-193
2	183	708	4845	265 161 44 102 ✓	147	652	4485	169 ~~129~~ 44 125 102 ✓	T = V. MALDONADO
B.M.51-2								102	B.M.52-2 (BELL I-31941)
	405	789 ✓			263	119 ✓		✓ 204	GREENWOOD AVE & TELEGRAPH RD,
	263	119							SEE F.B. 2409-9
	+142	670 ✓							

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

Do not extend notes this side of this line.

F.B. 4109 PG. 34 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 12-11-70

INDEXED G. J. GANN DATE

WEATHER HAZE INST. NO. 96276

TIME 2:00 PM ROD NO. 95891

NOTES CHKD RRB DATE 2-71

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 52-2 TO B.M. 52-1
B.M. 52-2									B.M. 52-2
1	146	048	4475	168 124 44	182	137	483 5	204 160 44	GREENWOOD AVE & TELEGRAPH RD.
									SEE F.B. 2409-9
2	115	842	4165	142 88 54	222	452	523 5	252 192 60	A. J. MALDONADO
				98 ✓				104 ✓	
B.M. 52-1								98	B.M. 52-1
	261	890 ✓			404	589 ✓		✓ 202	GREENWOOD AVE & WELLMAN ST.
					261	890			SEE F.B. 3707-193
					-142	699 ✓			

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			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 52-2 TO BM-52-3
B.M. 52-2			238			134	B.M. 52-2 (BELL I-3 1941)
1	205 006	506 5	172 66	101 421	402 5	68 66	GREENWOOD AVE & TELEGRAPH RD,
							SEE F.B. 2409-9
2	172 211	473 5	214 130 84	123 681	424 5	163 83 80	
3	175 351	476 5	211 150 139 72	140 379	441 5	179 146 101 78	T J. MALDONADO
4	169 164	470 5	199 222 139 60	132 582	433 5	162 224 102 60	
5	176 308	477 5	189 282 163 26	52 867	353 5	65 284 39 26	
			308			310	
B.M. 52-3						308	B.M 52-3
	898040			550930		618	GREENWOOD AVE & RR. AT SYCAMORE AVE.
	550930						SEE F.B. 2409-10
	+347110						

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 70'

SURVEY BY G.E. DREIER WEATHER HAZE

NOTES BY G.E. DREIER DATE 12-11-70 TIME 2:40 TO 3:15 INST. NO. 86716

INDEXED C.J. GALL DATE FEB 24 71 NOTES CHKD RCB DATE 2-71 ROD NO. 95896

F.B. 4109 PG. 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.

F.B. 2409 Pg. 36 JOB NO. 0301.02

SURVEY OF LA Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 12-15-70

INDEXED [redacted] DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 2:35 TO 2:52 ROD NO. 95 & 96

NOTES CHKD RCB DATE 2-71

69°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From B.M. 52-3 To B.M. 52-2
B.M. 52-3							B.M. 52-3
1	51 451	352 5	66 36 30	177 860	478 5	192 162 30	GREENWOOD AVE & R.R. AT SYCAMORE
							SEE F.B. 2409-10
2	128 352	429 5	164 92 72	171 747	472 5	208 134 74	
3	148 541	449 5	189 102 107 82	176 913	477 5	217 104 135 82	
4	135 074	436 5	170 184 100 70	190 720	491 5	224 186 156 68	
5	127 323	428 5	154 254 100 54	220 529	521 5	247 254 193 54	
			308			308	
B.M. 52-2						308	B.M. 52-2
	590 741			937 769		616	GREENWOOD AVE & TELEGRAPH RD.
				590 741			SEE F.B. 2409-9
				347 028			

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 CLEAR 52°

NOTES BY G.E. DREIER DATE 12-14-70 TIME 9:00 to 9:25 INST. NO. 86714

INDEXED G.J. GALL DATE FEB 24 71 NOTES CHKD RCB DATE 2-71 ROD NO. 95 & 96

F.B. 4109 PG. 37

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From B.M. 52-3 To B.M. 52-4
B.M. 52-3							B.M. 52-3
1	97212	3985	146 48 88	124679	4255	174 74 100	GREENWOOD AVE & R.R. AT SYCAMORE AVE
							SEE F.B. 2409-10
2	169729	4705	208 130 78 166	126743	4275	159 93 66 166	
3	170350	4715	208 132 76 242	127322	4285	165 89 76 242	⊼ J. MALDONADO
4	160899	4615	177 143 34 276	139249	4405	157 121 36 278 ✓	
B.M. 52-4						276	B.M. 52-4
	598190 ✓			517993 ✓		-554	GREENWOOD AVE & OAKWOOD ~~AVE~~ ST
	517993						SEE F.B. 3707-199
	+80197 ✓						

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4109 PG. 38 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 12-15-70

INDEXED [redacted] DATE

66°

WEATHER HAZY SUN INST. NO. 96716

TIME 2:10 TO 2:25 ROD NO. 95 & 96

NOTES CHKD. RCB DATE 2-71

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 52-4 TO B.M. 52-3
B.M. 52-4									B.M. 52-4
1	131	810	432 5	166 96 70	171	063	472 5	206 136 70	GREENWOOD AVE & OAKWOOD ST
									SEE F.B. 3707-199
2	127	253	428 5	162 92 70	174	859	475 5	208 140 68	
3	133	268	434 5	170 140 96 74	166	714	467 5	138 202 130 72	T. J. MALDONADO
4	143	562	444 5	178 214 108 70	103	410	404 5	140 210 66 74	
				284 ✓				284 ✓	
B.M. 52-3								284	B.M. 52-3
	535	893 ✓			616	046 ✓		✓ 568	GREENWOOD AVE. & R.R. AT SYCAMORE AVE.
					535	893			SEE F.B. 2409-10
					- 80	153 ✓			

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 12-14-70

INDEXED J. GALLI DATE FEB 24 71

WEATHER CLEA 55°

TIME 9:25 to 9:55

NOTES CHKD DATE

INST. NO. 98716

ROD NO. 95 & 96

DATE 2-71

F.B. 4109 PG. 39

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 52-4 TO B.M. 52-5
B.M. 52-4							B.M. 52-4
1	179 469	480 5	206 152 54	123 931	4245	151 95 56	GREENWOOD AVE & OAKWOOD ST
							SEE F.B. 3707-199
2	172 048	473 5	212 132 80	129 544	4305	168 90 78	
3	175 188	476 5	214 136 78 134	123 042	4245	161 85 76 134	J. MALDONADO
4	175 628	476 5	214 136 78 212	127 796	4285	166 88 78 210	
5	171 780	472 5	205 137 68 290	121 110	4225	154 88 66 288	
6	147 586	448 5	175 119 56 358	123 671	4245	152 94 58 354	
			414			412	
						414	
	1021 699			749 094		826	
B.M. 52-5	749 094						B.M. 52-5
							GREENWOOD AVE & WASHINGTON BLVD.
	272 605						SEE F.B. 2409-12

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4168 PG. 40 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 12-15-70

INDEXED [redacted] DATE

WEATHER 65° HAZY SUN INST. NO. 96716

TIME 1:30 TO 2:10 ROD NO. 95 & 98

NOTES CHKD RCB DATE 2-71

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 52-5 TO B.M. 52-4
B.M. 52-5									B.M. 52-5
1	127	250	4285	169 85 84	178	899	4795	224 132 92	GREENWOOD AVE & WASHINGTON BLVD, SEE F.B. 2409-12
2	123	217	4245	160 86 74	173	704	4745	206 140 66	
3	134	572	4355	175 93 82	178	837	4795	158 218 138 80 158	⊼ J. MALDONADO
4	113	561	4145	152 74 78	182	107	4835	240 222 142 80 238	
5	118	231	4195	156 80 76	154	827	4555	318 193 115 78 318	
6	140	818	4415	157 123 34	161	572	4625	394 177 145 32 396	
				428 ✓				428 ✓	
B.M. 52-4								428	B.M. 52-4
	757	649 ✓			1029	946 ✓		✓856	GREENWOOD AVE & OAKWOOD ST
					757	649			SEE F.B. 3707-199
					272	297 ✓			

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

SURVEY BY G.E. DREIER DATE 12-17-70 WEATHER CLOUDY 57° INST. NO. 26716

NOTES BY G.E. DREIER TIME 11:00 TO 11:25 ROD NO. 95 & 96

INDEXED R.J. GALLI DATE FEB 24 71 NOTES CHKD RCB DATE 2-71

F.B. 4109 PG. 41

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							RERUN
							FROM B.M. 52-4 TO B.M. 52-5
B.M. 52-4							B.M. 52-4
1	179 063	480 5	206 152 54	127 332	428 5	154 100 54	GREENWOOD AVE & OAKWOOD ST
							SEE F.B. 3707-199
2	171 439	472 5	209 133 76	127 869	428 5	166 88 78	
3	178 835	479 5	217 130 139 78	125 627	426 5	165 132 85 80	
4	175 867	476 5	215 208 135 80	125 258	426 5	164 242 86 78	
5	174 648	475 5	213 288 135 78	120 858	421 5	160 290 80 80	
6	159 862	460 5	184 366 134 50	140 489	441 5	163 370 115 48	
			416			418	
B.M. 52-5						416	B.M. 52-5
	1039 714			767 433		834	GREENWOOD AVE & WASHINGTON BLVD.
	767 433						SEE F.B. 2409-12
	+ 272 281						

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Do not extend notes this side of this line.

F.B. 4109 PG. 42 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 12-17-70

INDEXED [redacted] DATE

WEATHER CLOUDY 59° INST. NO. 96716

TIME 11:25 TO 11:50 ROD NO. 95 & 96

NOTES CHKD RCB DATE 2-71

STATION	BACKSIGHT Right Mic.	Left.	Stadia	FORESIGHT Right Mic.	Left.	Stadia	RERUN DESCRIPTION AND REMARKS From B.M. 52-5 To B.M. 52-4
B.M. 52-5							B.M. 52-5
1	132 744	4335	173 91 82	179 910	480 5	216 142 74	GREENWOOD AVE & WASHINGTON BLVD SEE F.B. 2409-12
2	123 662	4245	166 80 86	176 138	477 5	222 130 92	
3	124 825	4255	166 168 82 84	178 802	479 5	221 166 135 86	RERUN ↑ J. MALDONADO
4	125 561	4265	168 252 82 86	197 696	498 5	239 252 155 84	
5	141 786	442	182 338 ½ 141 82	188 254	489 5	229 336 147 82	
			420 ✓			418 ✓ 420	
B.M. 52-4	648568 ✓			920800 ✓ 648568		838	B.M. 52-4 GREENWOOD & OAKWOOD ST SEE F.B. 3707-199
				272 232 ✓			

76P526B CE # 308 8/68

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STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 52-5 TO B.M. 52-6
B.M. 52-5									B.M. 52-5
1	201	169	502 5	236 166 70	115	048	416 5	150 80 70	GREENWOOD AVE & WASHINGTON BLVD. SEE F.B. 2409-12
2	171	520	472 5	210 132 78	118	482	419 5	156 80 76	
3	192	878	493 5	229 148 155 74	121	125	422 5	157 146 85 72	↑ J. MALDONADO
4	162	867	463 5	198 222 126 72	132	450	433 5	218 168 96 72	
5	170	799	471 5	206 294 134 72	129	277	430 5	167 290 91 76	
6	150	160	451 5	156 366 144 12	147	261	448 5	153 366 141 12	
				378				378	
B.M. 52-6								378	B.M. 52-6
	1048	793			763	643		756	GREENWOOD AVE & ~~WASHINGTON BLVD~~ CARMELITA AVE
	763	643							SEE F.B. 2409-13
	285	150							

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 12-14-70 WEATHER CLEAR 56° INST. NO 96716

INDEXED B.J. GATES DATE FEB 24 71 TIME 9:55 TO 10:20 ROD NO 95896

NOTES CHKD RCG DATE 2-71

F.B. 4109 PG. 43

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4109 PG. 44 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 12-15-70

INDEXED C. 1 GALEN DATE

66°

WEATHER HAZY SUN INST. NO. 96711

TIME 1:00 TO 1:30 ROD NO. 9565

NOTES CHKD. RCG DATE 2-71

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 52-6 TO B.M. 52-5
B.M. 52-6									B.M. 52-6
1	145	412	4465	165 125 40	162	288	4635	182 142 40	GREENWOOD AVE. & CARMELIA AVE.
									SEE F.B. 3707-205
2	119	770	4205	158 80 78	184	088	4855	224 144 80	
3	151	950	4525	197 118 105 92	186	781	4875	232 120 140 92	T J. MALDONADO
4	112	399	4135	149 210 75 74	175	799	4765	212 212 138 74	
5	133	741	4345	167 284 99 68	191	100	4925	223 286 159 64	
6	130	561	4315	145 352 115 30	179	012	4805	195 350 163 32	
				382				382	
B.M. 52-5								382	B.M. 52-5
	793	833	✓		1079	078	✓	764	GREENWOOD AVE. & WASHINGTON BLVD
					793	833			SEE F.B. 2409-12
					285	245	✓		

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 52-6 TO B.M. 52-6A
B.M. 52-6									B.M. 52-6
1	167	819	468 5	190 144 46	140	130	441 5	163 117 46	GREENWOOD AVE & CARMELITA AVE, SEE F.B. 3707-205
2	182	812	483 5	222 142 80	121	530	422 5	161 81 80	
3	142	072	443 5	176 126 108 68	120	632	421 5	155 126 85 70	π R. SIEMANN
4	199	263	500 5	235 194 163 72	124	538	425 5	161 196 87 74	
5	179	497	480 5	266 206 152 54	155	483	456 5	180 270 130 50	
				320 ✓				320 ✓	
B.M. 52-6A								320	B.M. 52-6A
	871	463 ✓			622	313 ✓		✓ 640	MINES AVE & MONTEBELLO BLVD, SEE F.B. 3707-205
	662	313							
	+209	150 ✓							
B.M. 5									

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

SURVEY BY G.E. DREIER WEATHER CLEAR 56°

NOTES BY G.E. DREIER DATE 12-14-70 TIME 10:20 TO 10:40 INST. NO. 96716

INDEXED [redacted] DATE FEB 24 [redacted] NOTES CHKD RCB DATE 2-71 ROD NO. 95896

F.B. 4109 PG. 45

F.B. 4109 PG. 46 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER 12-17-70
INDEXED O.J. GALL DATE

WEATHER CLEAR 61° INST. NO. 96716
TIME 3:05 PM ROD NO. 95 & 91
NOTES CHKD. RCB DATE 2-71

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 Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 52-6A TO B.M. 52-6
B.M. 52-6A							B.M. 52-6A
1	159 060	460 5	194 / 124 70	203 370	504 5	241 / 165 76	MINES AVE & MONTEBELLO BLVD.
							SEE F.B. 3707-205
2	112 315	413 5	150 / 74 76	212 642	513 5	246 / 178 68	
3	133 803	434 5	170 / 96 74 146	166 560	467 5	202 / 130 72 144	⊼ R. SIEMANN
4	131 741	432 5	164 / 98 66 220	163 960	464 5	194 / 132 62 216	
			286			278	
B.M. 52-6						286	B.M. 52-6
	536 919			746 532		564	GREENWOOD & CARMELITA AVE.
				536 919			SEE F.B. 3707-205
				209 613			
	RERUN 12-17-70 1:20 P.M				TEMP. = 61°, SCAT. CLOUDS, MODERATE WINDS		
B.M. 52-6A							
1	137 190	438 5	182 / 92 90	204 264	505 5	249 / 159 90	
2	96 430	397 5	140 / 96 88 178	186 549	487 5	232 / 140 92	
3	139 679	440 5	177 / 101 76 254	193 966	494 5	229 / 157 72 182	
4	150 964	451 5	171 / 129 42 296	148 560	449 5	169 / 127 42 254	
						296	
B.M. 52-6						296	
	524 263			733 339		592	
				524 263			
				209 076			

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 580

SURVEY BY G.E. DREIER WEATHER CLEAR

NOTES BY G.E. DREIER DATE 12-14-70 TIME 10:40 TO 11:10 INST. NO. 96716

INDEXED L.I. GATES DATE FEB 24 71 NOTES CHKD RCB DATE 2-71 ROD NO. 95 & 96

F.B. 4109 PG. 47

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 52-6A TO B.M. 52-7
B.M. 52-6A									B.M. 52-6A
1	165	678	466 5	190 140 50	112	780	443 5	137 87 50	MINES AVE & MONTEBELLO BLVD.
									SEE F.B. 3707-205
2	186	158	487 5	232 140 92	148	209	449 5	194 102 92	
									R. SIEMANN
3	135	459	436 5	175 142 95 80	212	555	513 5	254 142 170 84	
4	123	663	424 5	165 222 81 84	147	891	448 5	188 226 106 82	
5	170	451	471 5	200 306 140 60	185	079	486 5	217 308 153 64	
6	129	421	430 5	164 366 94 70	196	306	497 5	230 372 162 68	
7	161	439	462 5	183 436 139 44	169	710	470 5	169 440 149 40	
				480				480	
B.M. 52-7								480	B.M. 52-7
	1072269				1172530			960	MONTEBELLO BLVD. & WHITTIER BLVD.
									SEE F.B. 2409-14
					1072269				
					100261				

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

Do not extend notes this side of this line.

F.B. 4109 PG. 48 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 12-1-70

INDEXED [redacted] DATE

66°

WEATHER CLEAR INST. NO. 96711

TIME 2:40 PM ROD NO. 95 & 2

NOTES CHKD RCB DATE 2-71

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 52-7 TO B.M. 52-6A
B.M. 52-7									B.M. 52-7
1	153	208	454 5	186 120 66	130	590	431 5	165 95 70	MONTEBELLO BLVD. & WHITTIER BLVD. SEE F.B. 2409-14
2	195	455	496 5	235 155 80	139	648	440 5	178 100 78	
3	162	491	463 5	208 146 116 92	166	899	467 5	212 148 120 92	
4	217	741	518 5	259 238 175 84	121	541	422 5	164 240 78 86	J. MALDONADO
5	179	983	480 5	216 322 142 74	195	190	496 5	232 326 158 74	
6	131	668	432 5	172 396 90 82	186	535	487 5	225 400 147 78	
				478 ✓				478 ✓	
B.M. 52-6A								478	B.M. 52-6A
	1040546 ✓				940383 ✓			956	MINES AVE & MONTEBELLO BLVD SEE F.B.
	940383								
	+100163 ✓								

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

SURVEY BY G.E. DREIER WEATHER CLEAR 58°

NOTES BY G.E. DREIER DATE 12-14-70 TIME 11:10 INST. NO. 26716

INDEXED J. GALLI DATE FB 2409 NOTES CHKD RCB DATE 2-71 ROD NO. 25896

F.B. 4109 PG. 49

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 52-7 TO B.M. 51-8
B.M. 52-7									B.M. 52-7
1	181	441	482 5	214 148 66	148	800	449 5	182 114 68	MONTEBELLO BLVD. & WHITTIER BLVD.
									SEE F.B. 2409-14
2	169	870	470 5	208 130 78	129	870	430 5	170 88 82	
3	187	481	488 5	227 144 147 80	152	159	453 5	187 150 117 70	T R. SIEMANN
4	183	912	484 5	183 224 144 78	119	199	420 5	160 220 78 82	
5	240	900	541 5	277 302 203 74	31	470	332 5	167 302 231 72	
6	252	910	553 5	268 376 236 32	118	338	419 5	133 374 105 28	
				408				402	
								408	
B.M. 51-8								810	B.M. 51-8
	1216514				699836				BEVERLY BLVD. & MONTEBELLO BLVD.
	699836								SEE F.B. 2408-14
	+516678								

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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. 4109 PG. 50 JOB NO 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES S.E. DREIER 12-14-70

INDEXED ☐ U. GALLY DATE

WEATHER 67° 3 CAT. CLOUDS INST. NO 96716

TIME 2:15 TO 2:40 ROD NO 9549

NOTES CHKD RCB DATE 2-71

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 51-8 TO B.M. 52-7
B.M. 51-8							B.M. 51-8
1	92 468	393 5	113 71 42	263 610	564 5	286 240 46	BEVERLY BLVD. & MONTEBELLO BLVD
							SEE F.B. 2408-14
2	42 910	343 5	80 4 76	237 683	538 5	274 200 74	
3	130 690	431 5	170 90 118 80	182 775	483 5	222 142 120 80	⊼ R. SIEMANN
4	135 704	436 5	174 96 198 78	183 440	484 5	223 143 200 80	
5	140 ~~44~~ 278 8	441 5	173 107 276 66	170 009	471 5	203 137 280 66	
6	135 451	436 5	168 102 342 66	156 851	457 5	188 124 346 64	
			408 ✓			410 ✓	
B.M. 52-7						408	B.M. 52-7
	677 501 ✓			1194 368 ✓		818	MONTEBELLO BLVD. & WHITTIER BLVD.
				677 501			
				516 867 ✓			

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 Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 51-8 TO B.M. 51-9 A
B.M. 51-8							B.M. 51-8
1	627 53	363 5	104 20 84	243 828	544 5	284 202 82	BEVERLY BLVD. & MONTEBELLO BLVD
							SEE F.B. 2408-14
2	68 877	369 5	113 23 80 184	185 720	486 5	229 141 88 170	
3	168 925	469 5	203 133 70	167 681	468 5	205 129 76	
4	153 060	454 5	193 244 113 80	139 517	440 5	180 246 98 82	T = DREIER
5	174 580	475 5	209 324 139 70	166 708	467 5	201 328 131 70	
6	142 192	443 5	159 394 125 34	139 420	440 5	154 398 124 30	
			428 ✓			428 ✓	
B.M. 51-9A						428	B.M. 51-9A
	770 387 ✓			1042 874 ✓		856	BEVERLY BLVD. & POPLAR AVE.
							SEE F.B. 3706-137
				770 387			
				272 487 ✓			

FOR ADDITONAL DIFF IN ELEV. IN LINE 51 SEE F.B. 4107-165 TO 210

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY SIEMANN
INDEXED B.J. GALE
DATE 12-14-70
DATE FB 2471
WEATHER CLEAR
TIME 11:35 TO 11:50
NOTES CHKD RCB
INST. NO 26716
ROD NO 95 & 96
DATE 2-71
T = 62°
F.B. 4109 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.

F.B. 4109 PG. 52 JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 12-14-70

INDEXED G. L. GALL DATE

WEATHER Partly Cloudy INST. NO 96716

TIME 1:45 TO ROD NO 95224

NOTES CHKD RCB DATE 2-71

T = 62°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 51-9A TO B.M. 51-8
B.M. 51-9A							B.M. 51-9 A
1	157737	458 5	195 119 76	159223	460 5	197 121 76	BEVERLY BLVD. & POPLAR AVE.
							SEE F.B. 3706-137
2	140129	441 5	179 101 78	176362	477 5	215 137 78	
			154			189 154	
3	178801	479 5	211 145 66	156823	457 5	123 66	
			220			151 220	T = DREIER
4	147398	448 5	183 111 72	115947	416 5	79 72	
			292			292	
5	222589	523 5	262 182 80	58042	359 5	97 19 78	
			372			370	
6	210200	511 5	238 182 56	117845	418 5	147 87 60	
			428 ✓			430 ✓	
B.M. 51-8						428	B.M. 51-8
	1056854 ✓			784242 ✓		✓ 858	BEVERLY BLVD. & MOTE BELLO BLVD.
	784242						SEE F.B. 2408-14
	272612 ✓						

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 12-17-70 WEATHER CLEAR, WINDY INST. NO. 26716

INDEXED C.J. GALL DATE FEB 24 71 TIME 2:35 TO 3:00 ROD NO. 95 & 96

NOTES CHKD. RCB DATE 2-71

59°

F.B. 4109 PG. 53

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 51-4B TO B.M. 51-5A
B.M. 51-4B							B.M. 51-4B
1	95 155	396 5	134 56 78	206 140	507 5	245 167 78	BEVERLY BLVD. & BRADSHAWE ST.
							SEE F.B. 3706-128
2	153 779	454 5	179 127 52	172 688	473 5	199 145 54	
3	195 967	496 5	130 244 146 98	130 591	431 5	132 1 180 2 130 100	R. SIEMANN
4	169 961	470 5	228 210 128 82	176 170	477 5	232 215 137 78	
5	33 028	334 5	310 54 12 42	288 069	589 5	310 1 288 2 266 44	
6	53 163	354 5	352 70 36 34	248 542	549 5	354 269 232 32	
			386			386	
B.M. 51-5A						386	B.M. 51-5A
	701 053			1222 200		772	BEVERLY BLVD. & GARFIELD AVE.
				701 053			SEE F.B. 28648
				521 147			

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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.

F.B. 4109 PG. 59 JOB NO. 030162

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 12-17-70

INDEXED G. L. GAUN DATE

59°

WEATHER CLEAR, WINDY INST. NO. 96716

TIME 2:10 TO 2:35 ROD NO. 95 & 52

NOTES CHKD RGB DATE 2-71

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From B.M. 51-5A To B.M. 51-4B
B.M. 51-5A							B.M. 51-5A
1	299 689	600 5	1299 / 277 44	20 809	321 5	43 / -3 46	BEVERLY BLVD. & GARFIELD AVE.
							SEE F.B. 2864-8
2	278 409	579 5	300 / 256 44	723 19	373 5	94 / 50 44	
3	183 819	484 5	88 / 222 / 144 78	204 071	505 5	90 / 240 / 168 72	R. SIEMANN
4	122 135	423 5	166 / 162 / 82 80	197 228	498 5	162 / 237 / 157 80	
5	168 437	469 5	246 / 209 / 127 82	130 603	431 5	242 / 174 / 86 88	
6	193 177	494 5	328 / 220 / 166 54	99 720	400	330 / 126 / 72 54	
			382			384	
B.M. 51-4B						382	B.M. 51-4B
	1245 666			724 750		766	BEVERLY BLVD. & BRADSHAWE ST
	724 750						SEE F.B. 3706-128
	+ 520 916						

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			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM. 51-5A TO BM. 52-8
B.M. 51-5A							B.M. 51-5A
1	73 895	374 5	98 48 50	157 591	458 5	182 132 50	BEVERLY BLVD. & GARFIELD AVE.
							SEE F.B. 2864-8
2	148 219	449 5	188 108 80	111 729	412 5	152 70 82	
3	201 696	502 5	241 161 80 130	111 755	412 5	151 71 80 132	R. SIEMANN
4	207 298	508 5	251 163 88 210	106 880	407 5	149 63 86 212	
5	199 230	500 5	237 161 76 298	103 600	404 5	141 65 76 298	
			374 ✓			374 ✓	
B.M. 52-8						374	B.M. 52-8
	830338 ✓			591 555 ✓		✓ 748	GARFIELD AVE & VIA ALTAMIRA
	591 555						SEE F.B. 2409-15
	+ 238 783 ✓						

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 12-17-70

INDEXED G. J. GALLI DATE FEB 24 71

WEATHER CLEAR-WINDY 60° INST. NO. 96716

TIME 3:00 PM ROD NO. 95396

NOTES CHKD. RCB DATE 2-71

F.B. 4109 PG. 55

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4109 PG. 56 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVELNET

SURVEY BY Dreier NOTES Maldonado 12-22-70

INDEXED G. T. GARN DATE

T= 58°

WEATHER Cloudy INST. NO. 96716

TIME 11:00 to 11:25 ROD NO. ~~95446~~

NOTES CHKD. RCB DATE 2-71

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 52-8 TO B.M. 51-5A
BM 52-8			126			201	B.M. 52-8
1	93 575	394 5	60 66	169 945	470 5	137 64	GARFIELD AVE & VIA ALTAMIRA
			137			233	SEE F.B. 2409-15
2	99 769	400 5	61 76	195 688	496 5	157 76	
			157 142			249 140	
3	109 671	410 5	61 96	202 661	503 5	155 94	
			165 238			211 234	
4	127 478	428 5	89 76	168 267	469 5	125 86	T-Siemann
			~~211 314~~ 314			320	
~~5~~	~~168 267~~	~~469 5~~	~~125 86~~				
	206		233			161	
5	~~205~~ 074	507 5	179 54	138 961	439 5	115 46	
			368 ✓			366 ✓	BM 51-5A
BM 51-5A						368	Beverly Blvd. & Garfield Ave.
	636 567 ✓			875 522 ✓		734	F.B. 2864-8
				636 567			
				238 955 ✓			

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.

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 12-18-70

INDEXED G.J. GALEO DATE FEB 24 71

WEATHER CLEAR - COLD INST. NO. 96716

TIME 8:30 TO 9:05 ROD NO. 95 & 96

NOTES CHKD RCB DATE 2-71

45° LT. WIND

F.B. 4109 PG. 57

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 52-8 TO B.M. 52-9A
B.M. 52-8							B.M. 52-8
1	176 394	477 5	213 139 74	113 713	414 5	150 ½ 113 74	GARFIELD AVE & VIA ALTAMIRA N.E.COR.
							SEE F.B. 2409-15
2	199 300	500 5	236 162 74 148	94 900	395 5	131 57 74 148	
3	178 820	479 5	178 ½ 143 70	80 321	381 5	114 46 68 216	
4	239 408	540 5	239 218 ½ 203 72 290	68 013	369 5	104 32 72 288	π J. MALDONADO
5	204 449	505 5	233 175 58 348 ✓	179 562	480 5	209 149 60 348 ✓	
B.M. 52-9A	998 371 ✓			536 509 ✓		348 ✓ 696	B.M. 52-9A
	536 509						GARFIELD AVE & VIA CAMPO
							SEE F.B.
	+ 461 862 ✓						

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4109 PG. 58 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES SIE MANI 12-22-70

INDEXED [redacted] DATE

T = 58°

WEATHER PTLY CLOUDY INST. NO. 8671

TIME 10:35 TO 10:55 ROD NO. 25 & 4

NOTES CHKD RCB DATE 2-71

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 52-9A TO B.M. 52-8
B.M. 52-9A							B.M. 52-9A
1	195 520	496 5	220 170 50	333 22 194 318	495 5	219 169 50	GARFIELD AVE & VIA CAMPO
							SEE F.B. 3707-21
2	78 691	379 5	112 44 68	223 769	524 5	260 186 74	
			118			124	
3	73 962	374 5	111 35 76	213 540	514 5	247 179 68	
			194			192	T = MALDONADO
4	104 749	405 5	139 69 70	196 987	497 5	232 160 72	
			264			264	
5	110 949	411 5	140 80 60	187 251	488 5	217 157 60	
			324			324	
6	97 249	398 5	116 78 38	107 221	408 5	125 89 36	
			362 ✓			360 ✓	
B.M. 52-8						362	B.M. 52-8
	661 120 ✓			1123 086 ✓		722	GARFIELD AVE. & VIA ALTAMIRA
				661 120			SEE F.B. 2409-15
				461 966 ✓			

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 CLEAR-WIND INST. NO 26716

NOTES BY SIEMANN DATE 12-18-70 TIME 9:05 TO 9:35 ROD NO 95-496

INDEXED G. J. GACKI DATE FEB 24 71 NOTES CHKD RCG DATE 2-71

F.B. 4109 PG. 59

48°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 52-9A TO B.M. 52-10
B.M. 52-9A							B.M. 52-9A
1	225643	526 5	264 186 78	76 706	377 5	116 36 80	GARFIELD AVE. & VIA CAMPO
							SEE F.B. 3707-211
2	239 660	540 5	278 200 78	58 799	359 5	97 19 78	
3	218 650	519 5	250 156 186 64	75 292	376 5	107 158 275 64	
4	279 129	580 5	279 220 249 60	4 801	305 5	38 222 4 68	T = MALDONADO
5	260 378	561 5	278 280 242 36	73 681	374 5	88 290 58 30	
6	290 468	591 5	290 316 262 56	50 470	351 5	74 320 26 58	
			372			378	
B.M. 52-10						372	B.M. 52-10
	513 928			339 749		750	GARFIELD AVE. & E. FLORAL DR.
	339 749						SEE F.B. 2409-17
	+ 174 179						

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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.

F.B. 4109 PG. 60 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES SIEMANN 12-22-70

INDEXED G.L.G. DATE

T=54

WEATHER PTLY CLOUDY INST. NO. 96716

TIME 10:05 TO 10:30 ROD NO. 713A

NOTES CHKD RCB DATE 2-71

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 52-10 TO B.M. 52-9A
B.M. 52-10							B.M. 52-10
1	61 908	362 5	88 34 54	261 292	562 5	286 236 50	GARFIELD AVE. & E. FLORAL DR.
							SEE F.B. 2409-17
2	4 151	305 5	34 4 60	299 448	600 5	299 267 64	
			114			114	
3	6 955	307 5	35 6 58	246 219	547 5	275 217 58	
			172			172	
4	63 574	364 5	102 24 78	236 236	537 5	274 198 76	T= MALDONADO
			250			248	
5	35 010	3 356 5	80 35 90	219 613	520 5	265 173 92	
			340			340	
6	99 483	400 5	113 85 28	182 330	483 5	294 176 24	
			368			364	
						368	B.M. 52-9A
B.M. 52-9A							
	271 081			445 138		732	GARFIELD AVE VIA CHAMPO
				271 081			SEE F.B. 3707-211
				174 057			

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 CLEAR-WIND 49°

NOTES BY G.E. DREIER DATE 12-18-70 TIME 9:35 TO 10:10 INST. NO. 96716

INDEXED C. J. GALL DATE FEB 24 71 NOTES CHKD RGB DATE 2-71 ROD NO. 95896

F.B. 4109 PG. 61

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 52-10 TO B.M. 52-11
B.M. 52-10							B.M. 52-10
1	290 587	591 5	290 ½265 50	79 530	380 5	102 56 46	GARFIELD AVE & E. FLORAL DR.
							SEE F.B. 2409-17
2	277 109	578 5	306 248 58	8 853	309 5	138 ½8 60	
3	267 162	568 5	296 238 58 108	4 500	305 5	37 ½4 66 106	
4	279 156	580 5	298 260 38 166	29 309	330 5	44 14 30 172	π J. MALDONADO
5	292 170	593 5	307 277 30 204	8 003	309 5	23 ½8 30 202	
6	292 850	593 5	292 ½274 36 234	60 083	361 5	79 41 38 232	
7	239 232	540 5	273 205 68 270	95 670	396 5	129 61 68 270	
			338 ✓			338 ✓	
B.M. 52-10						338	B.M. 52-11
	1938266 ✓			285 948 ✓		✓ 676	GARFIELD AVE & ~~ROCA WAY~~ CORAL VIEW ST
	285 948						SEE F.B. 2409-18
	+1652318 ✓						

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

Do not extend notes this side of this line.

F.B. 4109 PG. 62 JOB NO 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES SIEMANN 12-22-70

INDEXED G. G. GALLI DATE

WEATHER PTLY CLOUDY INST. NO 96716

TIME 8:55 TO 9:20 ROD NO 2139A

NOTES CHKD PCB DATE 2-74

T = 50°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From B.M.52-11 To B.M.52-10
B.M.52-11									B.M.52-11
1	85	961	386 5	116 54 62	171	208	472 5	203 139 64	GARFIELD AVE & CORAL VIEW AVE
									SEE F.B. 2409-18
2	16	647	317 5	41 216 50	296	970	597 5	296 223 46	
				112				271 110	
3	6	137	307 5	16 6 20	260	600	561 5	249 22	
				132				286 132	
4	6	629	307 5	22 6 32	270	229	571 5	254 32	T = MALDONADO
				164				287 164	
5	33	009	334 5	62 4 58	287	729	588 5	257 60	
				222				287 224	
6	7	537	308 5	39 7 64	287	494	588 5	256 62	
				286				289 286	
7	29	680	330 5	55 3 52	263	930	564 5	237 52	
				338				338	
								338	B.M.52-10
B.M.52-10	185	600			1838	160		676	GARFIELD AVE. & E. FLORAL DR.
					185	600			SEE F.B. 2409-17
					1652	560			

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 57°

SURVEY BY G.E. DREIER WEATHER CLEAR-LT. WIND

NOTES BY G.E. DREIER DATE 12-18-70 TIME 10:10 TO 10:30 INST. NO. 96716

INDEXED B.J. GALLY DATE FEB 24 ROD NO. 95896

NOTES CHKD. RCB DATE 2-71

F.B. 4109 PG. 63

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 52-11 TO B.M. 52-12
B.M. 52-11							B.M. 52-11
1	296 552	597 5	296 / 260 72	26 454	327 5	60 / ½ 26 68	GARFIELD AVE & CORAL VIEW ST
							SEE F.B. 2409-18
2	301 596	602 5	301 / ½ 274 54	10 118	311 5	36 / ½ 10 50	
			126			118	
3	294 689	595 5	294 / ½ 270 48	27 138	328 5	53 / 1 52	R. SIEMANN
			174			170	
4	282 831	583 5	308 / 256 52	39 852	340 5	68 / 10 58	
			226			228	
5	270 731	571 5	296 / 244 52	39 520	340 5	65 / 13 52	
			278 ✓			280 ✓	
						278	B.M. 52-12
B.M. 52-12	1446399 ✓			143 082 ✓		558	GARFIELD AVE & ROCA WAY
	143 082						SEE F.B. 2409-19
	1303317 ✓						

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4109 PG. 64 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY Dreier NOTES Maldonado 12-22-70
INDEXED [redacted] DATE

WEATHER Cloudy INST. NO. 9671
TIME 2:20 to ROD NO. 139A3
NOTES CHKD RCB DATE 2-71

T 58°

STATION	BACKSIGHT Right Mic.	Left.	Stadia	FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From B.M. 52-12 To B.M. 52-11
B.M. 52-12							B.M. 52-12
1	14 349	315 5	47, 14½ 66	249 000	550 5	280, 218 62	GARFIELD AVE & ROCA WAY
							SEE F.B. 2409-19
2	18 205	319 5	49, 18½ 62	301 670	602 5	301, 271½ 60	
3	23 351	324 5	48, 128, 23½ 50	288 238	589 5	288, 122, 261½ 54	
4	10 539	311 5	37, 178, 10½ 54	295 040	596 5	295, 176, 267½ 56	A Siemann
5	13 478	314 5	42, 232, 13½ 58	249 683	550 5	278, 232, 220 58	
			290			290	
						290	
	79922			138 3631		280 5	BM 52-11
BM 52-11				79 922			Garfield Ave. & Coral View St.
				1303709			F.B. 2409-18

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	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
											From BM 52-11 To BM 52-12
BM 52-11											BM 52-11
1	300	999	601	5	1/2) 300 262 76	21	022	323	5	1/2) 56 22 68	Garfield Av & Coral View St
											F.B. 2409-18
2	274	531	577	5	297 255 42	18	983	319	5	1/2) 44 18 52	
					118					120	
3	294	699	595	5	1/2) 294 269 50	24	220	325	5	50 2 52	T Siemann
					168					172	
4	293	597	594	5	1/2 293 267 52	63	422	364	5	86 40 46	Re-Run
					220					218	
5	286	549	587	5	1/2 286 256 60	20	389	321	5	1/2) 51 20 62	
					280					280	
	+ 1452	375	✓			- 148	966	✓		280	
	148	966								✓ 560	
	+ 1303	409	✓								
BM 52-12											BM 52-12
											Garfield Av & Rocca Way
											F.B. 2409-19

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

SURVEY BY Zoller

NOTES BY Zoller DATE 29 Dec 70 WEATHER Clear INST. NO. 26716

INDEXED G.L. Gatti DATE FEB 24 TIME 9:25 ROD NO. 2389 HB

NOTES CHKD RCB DATE 2-71

T = 50°

F.B. 44109 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.

F.B. 4109 PG. 66 | JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Orrest NOTES Rodriguez 29 DEC 70

INDEXED [redacted] DATE

WEATHER Clear | INST. NO. 2671

TIME 10:05 | ROD NO. 2394

NOTES CHKD RCB | DATE 2-71

T=50°

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM BM52-12 TO BM52-11
BM52-12											BM52-12
1.	11	951	312	5	1/2) 43 11 64	287	000	588	5	1/2) 287 253 68	Garfield AV. & Rocca Way
											F.B 2409-19
2.	47	870	348	5	74 20 54	294	918	595	5	1/2) 294 268 52	
					118					120	T SIGMANN
3	7	390	308	5	1/2) 34 7 54	281	903	582	5	308 254 54	
					172					174	Re-Run
4	17	260	318	5	1/2) 45 18 54	288	478	589	5	1/2) 288 262 52	
					226					226	
5	19	039	320	5	1/2) 49 19 60	255	088	556	5	286 224 62	
					286 ✓					288 ✓	
	+ 103 510 ✓				-	407 387 ✓				286	
BM52-11					+	103 510				574	BM52-11
					-	303 877 ✓					Garfield AV & Conrad View
											F.B 2409-18

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-64°

SURVEY BY Waldemado G.E. Dreier WEATHER Cloudy INST. NO. 46714

NOTES BY DATE 12-31-70 TIME 9:25 to 9:55 ROD NO. 21224-B

INDEXED C.J. Gall DATE FEB 24 71 NOTES CHKD RCB DATE 2-71

F.B. 4109 PG. 67

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From BM52-11 To BM52-12
BM 52-11			280			54	BM 52-11
1	280 631	581 5	247½ 66	21 594	322 5	21½ 66	Garfield Ave. & Coral View St.
							See F.B. 2409-14
2	294 150	595 5	294 / 268½ 252	15 574	316 5	41 / 15½ 52	
3	297 810	598 5	297 / 118 / 271½ 52	11 165	312 5	38 / 118 / 11½ 54	R-Siemann
4	287 349	588 5	287 / 170 / 260 54	27 709	328 5	54 / 172 / 0 54	Re-Run
5	271 168	572 5	299 / 224 / 243 56	51 340	352 5	78 / 226 / 24 54	
			280			280	
						280	BM 52-12
	1431 108			127 382		560	Garfield Ave. & Roca Way
BM 52-12	127 382						See F.B. 2409-19
	+1303 726						

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4109 PG. 68 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 12-31-70

INDEXED C. J. GALL DATE

WEATHER Cloudy INST. NO. 9671

TIME 9:00 to 9:25 ROD NO. 2137A

NOTES CHKD. RAB DATE 2-71

T - 63°

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 52-12 TO BM 52-11
BM 52-12							BM 52-12
1	25 838	326 5	56, 25½ 62	282 151	583 5	282, 251½ 62	Garfield Ave. & Roca Way
							See F.B. 2409-19
2	34 000	335 5	63 5 58	282 791	583 5	282, 252½ 60	
3	17320	318 5	40, 120 17½ 46	278 190	579 5	302 122 254 48	
4	9232	310 5	37, 166 9½ 56	292 411	593 5	292, 170 266½ 52	X-Siemann
5	8 762	309 5	41, 222 8½ 66	263 315	564 5	295 222 231 69	Re-Run
			288 ✓			286 ✓ 288	
	95 152 ✓			1398 858 ✓		574	BM 52-11
				95 152			Garfield Ave. & Coral View St.
BM 52-11				1303 706 ✓			F.B. 2409-18

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

SURVEY BY G.E. DREIER DATE 12-18-70 WEATHER CLEAR, LT. WIND 52°

NOTES BY G.E. DREIER TIME 10:30 TO 11:00 INST. NO. 96716

INDEXED B.J. GALLI DATE FEB 24 71 NOTES CHKD RCB DATE 2-71 ROD NO. 95896

F.B. 4109 PG. 69 65

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS From B.M. 52-12 To B.M. 52-13A
B.M. 52-12									B.M. 52-12
1	266	251	567	5 294 238 56	35	242	336	5 62 8 54	GARFIELD AVE & ROCA WAY
									SEE F.B. 2409-19
2	301	973	602	5 ½ 301 274 54 110	17	539	318	5 ½ 44 17 54 108	
3	298	659	599	5 ½ 298 273 50 160	11	329	312	5 ½ 37 11 52 160	R. SIEMANN
4	265	317	566	5 279 251 28 188	43	791	344	5 57 29 28 188	
5	294	999	595	5 ½ 294 278 32 220	9	278	310	5 ½ 25 9 32 220	
6	298	718	599	5 ½ 298 283 30 250	25	858	326	5 40 10 30 250	
7	207	671	508	5 247 167 80 330	191	550	492	5 231 151 80 330	
B.M. 52-13A								330	B.M. 52-13A GRAVES AVE.
	193	3588			334	587		660	GARFIELD AVE & GRANDVIEW AVE
	334	587							SEE F.B. 3707-219
+	1599	001							

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4109 PG. 78 JOB NO. 030.02

SURVEY OF L.A.Co. PRECISE LEVELNET

SURVEY BY Dreier NOTES Maldonado 12-22-70

INDEXED B.J. GALLI DATE

WEATHER Cloudy INST. NO. 96714

TIME 1:50 to 2:20 ROD NO. 27349

NOTES CHKD. RCB DATE 2-71

T-58°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From B.M. 52-13A To B.M. 52-12
B.M. 52-13A				235				290	B.M. 52-13A (GRAVES AVE)
1	193	997	494 5	151 84	248	713	549 5	206 84	GARFIELD AVE & GRANDRIDGE AVE
				35				296	SEE F.B. 3707
2	20	881	321 5	5 30	296	917	597 5	280 232	
				114				305 116	
3	4	579	305 5	20 4 ½ 32	290	830	591 5	275 30	
				146				286 146	
4	9	022	310 5	31 9 ½ 44	286	192	587 5	263 46	T-Siemann
				42 190				299 192	
5	16	559	317 5	16 ½ 52	299	531	600 5	273 52	
				73 242				288 244	
6	53	980	354 5	33 40	268	481	569 5	248 40	
				46 282				254 284	
7	27	349	328 5	8 36	235	228	536 5	216 38	
				318 ✓				322 ✓	
								318	
	326	367 ✓			1925	892 ✓		640 ✓	
					326	367			
					-1599	525 ✓			
BM 52-12									BM 52-12
									Garfield Ave. & Roca Way
									See F.B. 2409-19

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Re-Run RIGHT	MIC.	LEFT	MIC.	STADIA	FORESIGHT RIGHT	MIC.	LEFT	MIC.	STADIA	DESCRIPTION AND REMARKS
											FROM BM 52-12 TO BM 52-13A
BM 52-12					287					59	BM 52-12
1	260	211	561	5	233 54	32	420	333	5	5 54	Garfield Ave. & Roca Way
					292½					52	See F.B. 2409-19
2	292	000	593	5	268½ 48	26	111	327	5	0 52	
					298½ 102					40½ 106	
3	298	509	599	5	273½ 50	15	911	316	5	15½ 50	
					308 152					25½ 156	K-Siemann
4	287	872	588	5	266 42	7	678	308	5	7½ 36	
					298 194					30 192	Re-Run
5	298	231	599	5	284½ 28	15	730	316	5	0 30	
					297 222					40 222	
6	283	258	584	5	269 28	26	440	327	5	12 28	
					233 250					230 250	
7	194	329	495	5	155 78	190	741	491	5	150 80	
					328 ✓					330 ✓	
										328	
										1658	BM 52-13A
BM 52-13A											Garfield Ave. & Grandview Ave.
	1914410 ✓					315 031 ✓					& Graves Ave.
	315 031										See F.B. 3707-219
	1599 379 ✓										

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

SURVEY BY G.E. Dreier DATE 12-22-70 WEATHER Cloudy INST. NO. 96716

NOTES BY Mylderman TIME 2:30 to 3:20 ROD NO. 21394-B

INDEXED L.J. GALLI DATE FEB 24 NOTES CHKD. JCB DATE 2-71

7-56

F.B. 4109 PG. 71

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.

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

SURVEY BY G.E. DREIER WEATHER CLEAR, CLOUDY 52° INST. NO. 96716

NOTES BY G.E. DREIER DATE 12-18-70 TIME 11:00 TO 11:30 ROD NO. 95 & 96

INDEXED B.J. GALLI DATE FB 2411 NOTES CHKD RCB DATE 2-71

F.B. 4109 PG. 73

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 52-13A TO B.M. 52-14
B.M. 52-13A									B.M. 52-13A (& GRAVES AV.)
1	106	900	407 5	136 76 60	203	042	504 5	234 172 62	GARFIELD AVE & GRANDRIDGE AVE
									SEE F.B. 3707-219
2	46	600	347 5	67 25 42	297	320	598 5	297 ½ 276 42	
3	4	851	305 5	102 26 ½ 4 44	287	662	588 5	104 304 270 34	
4	3	989	304 5	146 18 ½ 3 30	296	331	597 5	138 296 ½ 276 40	R. SIEMANN
5	41	480	342 5	176 59 23 36	255	310	556 5	178 274 236 38	
6	35	265	336 5	212 53 17 36	265	729	566 5	216 283 247 36	
7	40	791	341 5	248 58 22 36	255	578	556 5	252 273 237 36	
8	7	200	308 5	284 32 ½ 7 50	202	631	503 5	288 224 180 44	
				334 ✓				332 ✓	
B.M. 52-14								334	B.M. 52-14
	287	076 ✓			2063	603 ✓		666	GARFIELD AVE. & NEWMARK AVE.
					287	076			SEE F.B. 2409-21
					-1776	527 ✓			

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F.B. 4109 Pg. 74 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY Dreier NOTES Maldonado 12-22-70

INDEXED [redacted] DATE

T-58'

WEATHER Cloudy INST. NO. 96 7.

TIME 11:15 to 1:50 ROD NO. 8-7-39A

NOTES CHKD RCB DATE 2-71

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From B.M. 52-14 To B.M. 52-13A
B.M. 52-14				~~253~~				~~92~~	B.M. 52-14
1	~~230~~	~~620~~	~~531~~ 5	~~207~~ ~~46~~	~~8~~	~~181~~	~~309~~ 5	~~8½~~ ~~48~~	GARFIELD AVE & NEWMARK AVE.
				301 1/				~~424~~	SEE F.B. 2409-21
2	~~301~~	~~994~~	~~602~~ 5	~~281~~ ~~40~~	~~18~~	~~841~~	~~319~~ 5	~~18~~ ~~2~~	
	237	391	538	261 ~~286~~ 1				331	
3 1	~~286~~	~~725~~	~~587~~ 5	~~254~~ 2 ~~64~~	8	058	309 5	8½ 50	
				213					
				302				51	
4 2	284	549	585 5	266 36	32	799	333 5	13 38	
				294 84				67 88	π-Siemann
5 3	276	320	577 5	258 36	49	790	350 5	31 36	
				297 1/ 120			8	58 124	
6 4	297	881	598 5	275½ 44	38	621	339 5	18 40	
				292 1/ 164			8	30 1/ 164	
5	292	299	593 5	271½ 42	12	980	313 5	12½ 36	
				301 206				26 1/ 200	
6	301	782	602	~~30~~ 1/ ~~30~~					
	~~12~~	~~980~~	~~313~~ 5	~~12½~~ ~~36~~	9	192	310 5	9½ 34	
				286 236				102 234	
7	281	260	582 5	300 262 38	82	321	383 5	62 40	
				198 274				161 274	
8	175	793	476 5	152 46	136	715	437 5	111 50	
				320 ✓				324 ✓	
								320	BM 52-13A
	2147	275 ✓			370	476 ✓		✓ 644	Garfield Ave. & Grandridge
BM 52-~~14~~ 13A	370	476							Ave. & Graves Ave.
	+1776	799 ✓							See F.B. 3707-219

76P526B CE # 308 8/68

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STATION	BACKSIGHT						Re-Run FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM52-13A TO BM52-14
1	97	553	398	5	134 60	74	257	501	558	5	278 218	78	BM 52-13A
													Garfield AV & Grand Ridge AV
2	1 38	952	332	5	49 13	36	259	268	560	5	276 242	34	FB. 3707 · 219
						110						112	
3	7	644	308	5	1½ 24 7	34	300	888	601	5	1½ 300 283	34	
						144						146	T Siemann
4	14	791	315	5	1½ 32 14	36	288	575	589	5	306 270	36	
						180						182	Re-Run
5	32	904	333	5	51 13	38	249	931	550	5	268 230	38	
						218						220	
6	24	190	325	5	43 5	38	250	330	551	5	266 234	32	
						256						252	
7	16	378	317	5	1½ 37 16	42	291	661	592	5	1½ 291 266	50	
						298						302	
8	56	380	357		74 38	36	160	639	461		1½ 176 160	32	
						334 ✓		793				334 ✓	
												334	
												668 ✓	
BM52-14	281	792 ✓					2058793 ✓						BM52-14
							281792						Garfield & Newmark AV.
							-1777001 ✓						F.B 2409-21

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

SURVEY BY Rodriguez WEATHER Clear INST. NO. 9167-16

NOTES BY Randall DATE 23 Dec 70 TIME 8:20 ROD NOS. 2934-B 2935-B

INDEXED C. D. GALLI DATE FEB 2 4 '71 NOTES CHKD RCB DATE 2-71

F.B. 4109 PG. 75

76P526B CE # 308 8/68

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

SURVEY BY G.E. DREIER WEATHER CLEAR, LT. WIND INST. NO 96716

NOTES BY G.E. DREIER DATE 12-18-70 TIME 11:35 TO 11:55 ROD NO. 95896

INDEXED [redacted] GALLI DATE FEB 24 71 NOTES CHKD VCB DATE 2-71

58°

F.B. 4109 Pg. 77

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 52-14 TO B.M. 31-18
B.M. 52-14							B.M. 52-14
1	162 927	463 5	191 133 58	131 560	432 5	161 101 60	GARFIELD AVE & NEWMARK AVE SEE F.B. 2409-21
2	172 503	473 5	209 135 74	99 894	400 5	136 62 74	
3	163 106	464 5	177 132 149 28 160 ✓	138 562	439 5	151 134 125 26 160 ✓	J. MALDONADO
B.M. 31-18						160 320 ✓	B.M. 31-18 GARVEY AVE & Garfield Ave. See F.B. 1397-22
	498 536 ✓			370 016 ✓			
	370 016						
	+128 520 ✓						

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F.B. 4109 PG. 78 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DEELER NOTES SIEMANN 12-21-70

INDEXED [redacted] DATE

T = 52°

WEATHER OVERCAST INST. NO. 96714

TIME 11:00 TO ROD NO. 9559

NOTES CHKD RCB DATE 2-71

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 31-18 TO B.M. 52-14
B.M. 31-18							B.M. 31-18
1	93 972	394 5	135 51 84	186 880	487 5	228 144 84	GARVEY AVE & GARFIELD AVE
							SEE F.B. 1397-22
2	134 820	435	166 102 64	170 548	471	202 138 64	
			148 ✓			148 ✓	T = MALDONADO
B.M. 52-14						148	B.M. 52-14
	228 792 ✓			357 428 ✓		296	GARFIELD AVE. & NEW MARK AV.
				228 792			SEE F.B. 2409-[redacted]21
				-128 636 ✓			

76P526B CE # 308 8/68

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 31-18 TO B.M. 31-19
B.M. 31-18									B.M. 31-18
1	170	198	471 5	192 148 44	114	229	4155	136 92 44	GARVEY AVE & GARFIELD AVE. SEE F.B. 1397-22
2	189	190	490 5	189 ½2149 80	104	238	4055	143 65 78	
3	200	530	501 5	236 164 72 124	104	013	4055	140 68 72 122	
4	122	142	423 5	161 83 78 196	174	989	4755	213 135 78 194	T J. MALDONADO
5	97	840	398 5	134 60 74 274	169	480	4705	205 133 72 272	
6	107	910	408 5	148 66 82 348	176	632	4775	218 134 84 344	
7	131	989	432 5	152 110 42 430	165	183	4665	188 142 46 428	
				472 ✓				474 ✓	
B.M. 31-19								472	B.M. 31-19
	1019	799 ✓			1008	764 ✓		946	EMERSON PL & ALHAMBRA AVE SEE F.B. 1397-23
	1008	764							
	+11	035 ✓							

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

SURVEY BY G.E. DREIER WEATHER OVERCAST 56° INST. NO 26716

NOTES BY G.E. DREIER DATE 12-18-70 TIME 1:15 PM ROD NO 25E96

INDEXED G.J. GARCIA DATE FB 24 NOTES CHKD RCB DATE 2-71

F.B. 4165 PG. 79

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F.B. 4109 PG. 86 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 12-18-70

INDEXED ■ 7 GATE DATE

WEATHER OVERCAST INST. NO 96716

TIME 2:00 TO 2:30 ROD NO 9549

NOTES CHKD RCB DATE 2-71

T = 50°

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 31-19 TO B.M. 31-18
B.M. 31-19	"						B.M. 31-19
1	189 422	490 5	228 150 78	120 451	421 5	159 81 78	EMERSON PL. & ALHAMBRA AVE.
							SEE F.B.
2	187 580	488 5	224 150 74	129 687	430 5	166 92 74	
3	191 960	492 5	226 152 156 70	118 668	419 5	152 152 84 68	T J. MALDONADO
4	168 950	469 5	198 222 138 60	129 801	430 5	162 220 98 64	
5	94 648	395 5	142 282 46 96	20 863	501 5	248 284 152 96	
6	79 747	380 5	122 378 36 86	198 112	499 5	241 380 155 86	
7	144 026	445 5	158 464 130 28	169 934	470 5	184 466 134 30	
			492			496	
B.M. 31-18						492	B.M. 31-18
	+ 1056 335			1067 516		988	GARFIELD AVE & GARVEY AVE.
				1056 335			SEE F.B.
				11 181			

Notes Ck'd by	Survey of EARTHQUAKE STUDIES
Map No.	JN 0020.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes Date MAR. 1971
Date	Indexed F. S. TELLEZ APR 22 '71

F. B. 4109 PG. 91

JOB NO. 0020.05

EARTHQUAKE STUDIES

MARCH 1971 RELEVELING OF NEWHALL AND SAUGUS AREA; PORTIONS OF L.A. CO. PRECISE LEVEL NET LINES NO. 60 AND 208

DREIER
MALDONADO
SIEMANN
McKNIGHT

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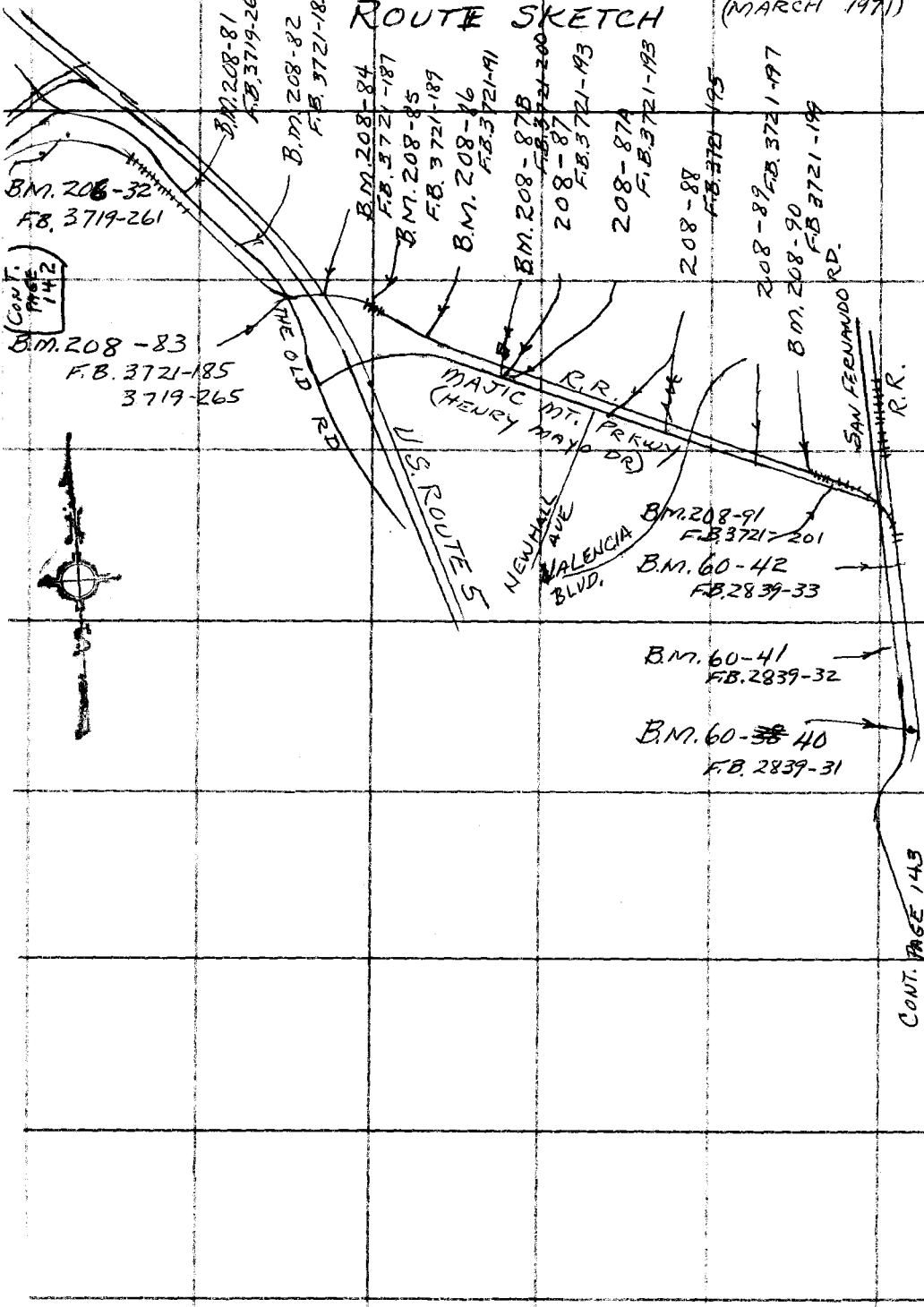
76F309S CE#310 3-69

MAR. 1971 JOB NO. 0020.05

F.B. 4109 PG. 92

EARTHQUAKE STUDIES

ROUTE SKETCH (MARCH 1971)



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76P526B CE # 308 8-59

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JOB NO. ~~0501.02~~ 0020.05 SURVEY OF L.A. CO. PRECISE LEVEL NET EARTHQUAKE
SURVEY BY G.E. DREIER DATE 3-10-71 WEATHER OVERCAST 46° INST. NO. 96716
NOTES BY G.E. DREIER TIME ROD NO. 95 & 96
INDEXED DATE NOTES CHKD DATE
F.B. 4109 PG. 93

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	737	450 5	151 147 4	144	879	445 5	171 117 54	54M- 4 M= 50 M=0.20 mm
2	154	789	455 5	156 152 4	159	831	460 5	186 132 54	54M- 4 M= 50 M=0.20 mm
	304	526		8	304	710		108	
	+				-0.	040 mm		8	Curvature Corr.=0.40 mm
						670		100	
						526			
					-	144			
				mm= "C"					
						-0.014			
					100	1.44			mm= "C"

76P526B CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 59°

SURVEY BY G. E. DREIER WEATHER CLEAR, DIST. HAZE INST. No 86716

NOTES BY G. E. DREIER DATE 3-11-71 TIME 8:50 ROD NO 85896

INDEXED O. J. GAUL DATE APR 1 '71 NOTES CHKD DATE

F.B. 4109 Pg. 95

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	148	692	449 5	150 146 4	144	955	445 5	171 117 54	54M- 4 M= 50 M=0.20 mm
2	146	224	447 5	148 144 4	150	061	451 5	177 123 54	54M- 4 M= 50 M=0.20 mm
	294	916		8	295	016		108	
						0.40 mm			
	+				-	~~0. mm~~		-8	Curvature Corr.=0.40 mm
						294 976		100	
						294 916			
					-	0.60 mm			
				mm= "C"					
						-0.006 mm= "C"			
					100	0.60			

76P526B CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — EARTHQUAKE STUDIES 002.05

SURVEY BY G.E. DREIER — DATE 3-12-71 — WEATHER OVERCAST — INST. NO. 26716

NOTES BY G.E. DREIER — TIME 9:50 — ROD NO. 95 & 96

INDEXED B.J. GALLI — DATE APR 1 71 — NOTES CHKD — DATE

F.B. 4109 Pg. 97

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	154	198	455	5 156 / 152 4	119	189	4205	146 / 92 54	54M- 4M= 50M=0.20 mm
2	157	718	458	5 159 / 155 4	192	929	4935	219 / 165 54	54M- 4M= 50M=0.20 mm
	311	916		8	312	118		108	
	+				-0.	0.40 mm		-8	Curvature Corr.=0.40 mm
					312	078		100	
					311	916			
					-	1,62			
		1		mm= "C"					
					100	- 0.016 / 1.62		mm= "C"	

76P526B CE # 308 8-59

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JOB NO. ~~030102~~ 0020.05 SURVEY OF L.A. CO. PRECISE LEVEL NET EARTHQUAKE STUDIES 66°

SURVEY BY G.E. DREIER DATE 3-15-71 WEATHER CLEAR-WINDY INST. NO. 96716

NOTES BY G.E. DREIER TIME 9:10 ROD NO. 95 & 96

INDEXED B.J. GAHN DATE APR 1 '71 NOTES CHKD DATE

F.B. 4109 Pg. 99

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	919	458 5	159 155 4	122	572	423 5	150 94 56	56M- 4 M= 52 M=0.20 mm
2	148	490	449 5	150 146 4	184	001	485 5	212 156 56	56M- 4 M= 52 M=0.20 mm
	306	409		8	306	573		112	
						0.40 mm			
	+				-0.	mm		-8	Curvature Corr.=0.040mm
					306	533		104	
					306	409			
					-	1.24 mm			
				mm= "C"					
						- 0.012 mm= "C"			
					104	1.24			
						104			
						200			

76P526B CE # 308 8/68

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STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 60-40 TO B.M. 60-41
B.M. 60-40									B.M. 60-40
1	142	593	443	5 187 97 90	167	831	468	5 212 122 90	SAN FERNANDO RD. 0.8 MI. S. OF SAUGUS STATION
2	130	107	431	5 185 75 110	252	124	553	5 308 198 110	SEE F.B. 2839-31
3	116	713	417	5 166 200 66 100	205	772	506	5 257 200 153 104	
4	100	968	401	5 146 300 54 92	210	541	511	5 254 304 166 88	℄ J. MALDONADO
5	20	688	321	5 46 392 20 52	296	650	597	5 296 392 270 52	
				444 ✓				444 ✓	
B.M. 60-41								444	B.M. 60-41 (U.S.C.&G.S. R 370 1953)
	511	069 ✓			1132	918 ✓		888 ✓	SAN FERNANDO RD. OPPOS. "THATCHER GLASS"
					511	069			SEE F.B. 2839-32
					621	849 ✓			

002005

OB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — EARTHQUAKE STUDIES

SURVEY BY G.E. DREIER — WEATHER OVERCAST 46° — INST. NO. 26716

NOTES BY G.E. DREIER — DATE 3-10-71 — TIME 9:05 — ROD NO. 95896

INDEXED G. J. GALLI — DATE APR 1 71 — NOTES CHKD — DATE 4

F.B. 4109 PG. 101

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INST. NO. 9671 ROD NO. 95 89 DATE

WEATHER HAZY TIME 2:50 NOTES CHKD

72°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 60-41 TO B.M. 60-40
B.M. 60-41									B.M. 60-41 (U.S.C.&G.S. R-370 1953)
1	294	977	595 5	294 ½ 261 66	13 070	314 5	½ 47 13 68		SAN FERNANDO RD. 0.3 mi. S. of SAUGUS
									OPPOSITE THATCHER GLAS
2	161	169	462 5	195 127 68	96 688	397 5	128 64 64		SEE F.B. 2839-32
3	182	941	483 5	215 149 66	95 712	396 5	132 129 61 68		π J. MALDONADO
4	156	170	457 5	134 192 120 72	81 739	382 5	200 120 42 78		
5	153	500	454 5	200 187 119 68	121 167	422 5	272 152 90 62		
6	147	759	448 5	272 182 112 70	157 585	458 5	278 193 121 72		
7	149	090	450 5	340 166 132 34	58 031	359 5	340 74 42 32		
				410			412		
				444 ✓			444 ✓		
B.M. 60-40							444		B.M. 60-~~404~~ 40
	1245606 ✓				623992 ✓		888		SAN FERNANDO RD. 0.8 mi. S. of
	623992								SAUGUS STATION
									SEE F.B. 2839-31
	+ 621614 ✓								

F.B. 4109 PG. 102 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES S.E. DREIER 3-11-71

INDEXED L. GALL DATE

76P526B CE # 308 8/68

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JOB NO. ~~0301.02~~ 0020.05 SURVEY OF L.A. CO. PRECISE LEVEL NET — EARTHQUAKE STUDIES

SURVEY BY G.E. DREIER — DATE 3-10-71 — WEATHER LOW OVERCAST 47°

NOTES BY G.E. DREIER — TIME 9:40 TO 10:05 — INST. NO. 96716

INDEXED J. GALLI — DATE APR 1 '71 — NOTES CHKD — DATE 4-7-71 — ROD NO. 95896

F.B. 4109 PG. 103

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 60-41 TO B.M. 60-42
B.M. 60-41							B.M. 60-41
1	175 148	476 5	213 137 76	178 078	479 5	216 140 76	SAN FERNANDO RD. OPPOSITE "THATCHER GLASS"
2	130 869	431 5	172 88 84	81 573	382 5	123 39 84	SEE F.B. 2839-32
3	108 316	409 5	162 160 54 108 268✓	208 721	509 5	160 262 154 108 268✓	J. MALDONADO
BM 60-42						268	B.M. 60-42 (U.S.G.S. 1171)
	414 333✓			468 372✓		536✓	S. OF SAUGUS STATION
				414 333			SEE F.B. 2839-33
				- 54 039✓			NOTE: — AREA ABOUT 20 FEET SQUARE
	RERUN 3-11-71 2:25 TO 3:00 TEMP. 74°				HAZE		IMMEDIATLY TO E. OF MON. HAS BEEN
B.M. 60-41							EXCAVATED TO REMOVE AN OLD OIL
1	156 772	457 5	200 112 88	164 369	465 5	208 120 88	STORAGE TANK AND BACKFILL HAS
2	239 462	540 5	270 208 62	171 185	472 5	204 138 66	SETTLED. SIDES OF HOLE ALSO HAVE
3	97 318	398 5	133 150 61 72	153 900	455 5	189 154 119 70	SLUFFED. WOULD ESTIMATE BM. TO
4	100 108	401 5	124 222 76 48 270✓	154 643	455 5	224 ~~413~~ 476 44 132 268✓	HAVE SUNK ABOUT 0.4 OR .5 FEET.
B.M. 60-42						270	
	593 760✓			645 097✓		538✓	
				593 760			
				- 51 337✓			

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Do not extend notes this side of this line.

F.B. 4109 PG. 104 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 3-11-71

INDEXED G.J. GALLI DATE

WEATHER HAZE 76°

TIME 1:20 PM

NOTES CHKD R.O.B.

INST. NO. 96716

ROD NO. 9589

DATE 4-[illegible]

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											From B.M. 60-42 to B.M. 60-41
B.M. 60-42											B.M. 60-42 (U.S.G.S 1171)
1	184	008	485 5	222 146	76	131	590	432 5	168 94	74	S. OF SAUGUS STATION
											SEE F.B. 2839-33
2	196	520	497 5	230 162	68	114	412	415 5	147 81	66	
											⊼ J. MALDONADO
3	127	799	428 5	164 90	144 74	212	709	513 5	249 175	140 74	
										214	
4	186	218	487 5	210 162	218 48	184	309	485 5	210 158	52	
					266 ✓					266 ✓	
B.M 60-41										266	B.M. 60-41 (U.S.C.&G.S. R 370 1953
	694	545 ✓				643	020 ✓			532 ✓	SAN FERNANDO RD. 0.3 mi. S. OF
	643	020									SAUGUS, OPPOSITE THATCHER GLASS
	+ 51	525 ✓									SEE F.B. 2839-32

76P526B CE # 308 8/68

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 60-42 TO B.M. 208-91
B.M. 60-42							B.M. 60-42 (U.S.G.S. 1171)
1	95 688	3965	142 48 94	197 371	4985	246 148 98	S. OF SAUGUS STATION
							SEE F.B. 2839-33
2	141 272	442 5	180 102 78	165 938	4665	202 128 74	
3	79 938	380 5	128 172 30 98	224 631	5255	276 172 172 104	⊼ J. MALDONADO
			270 ✓			276 ✓	
B.M. 208-91						270	B.M. 208-91 (U.S.C.&G.S. J-52 1926)
	316 898 ✓			587 940 ✓		546 ✓	HENRY MAYO DR., W. OF SAN FERNANDO RD.
				316 898			SEE F.B. 3721-201
				271 042 ✓			

INDEXED G. J. GALLI DATE APR 1 '71

NOTES BY G. E. DREIER DATE 3-10-71

SURVEY BY G. E. DREIER

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

6020.05 EARTHQUAKE STUDIES

WEATHER Low Overcast 48° TIME 10:05 TO 10:25

INST. NO 96716 ROD NO 95896

NOTES CHKD DATE 4-2-71

F.B. 4109 PG. 105

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F.B. 4109 Pg. 106 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES DREIER 3-11-71

INDEXED G. J. GALL DATE

WEATHER DIST. HAZE INST. NO. 96716

TIME 1:00 TO 1:20 ROD NO. 9582

NOTES CHKD. DATE 4-2-71

75°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From BM. 208-91 To BM. 60-42
BM. 208-91									B.M. 208-91 (U.S.C.&G.S. J-52 1926)
1	166	292	467 5	197 135 62	110	490	411 5	140 80 60	HENRY MAYO DR. & BRIDGE W. of SAN FERNANDO RD.
2	208	892	509 5	244 172 72	74	979	375 5	111 37 74	SEE F.B. 3721-201
3	118	109	419 5	152 84 134 68	120	728	421 5	154 86 134 68	π J. MALDONADO
4	179	737	480 5	214 144 202 70	95	805	396 5	130 60 202 70	
				272 ✓				272 ✓	
BM. 60-42								272	B.M. 60-42 (U.S.G.S. 1171)
	673	030 ✓			402	002 ✓		544 ✓	S. of SAUGUS STATION
	402	002							SEE F.B. 2839-33
	+271	028 ✓							

76P526B CE # 308 8/68

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STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA	FROM B.M. 208-91 TO B.M. 208-90
B.M. 208-91								B.M. 208-91 (U.S.C.&G.S. J-52 1926)
1	106 689	407 5	155 / 106	98	220 090	521 5	268 / 172	96 HENRY MAYO DR. W. OF SAN FERNANDO RD.
								SEE F.B. 3721-201
2	54 091	355 5	104 / 4	100	264 590	565 5	264 / 216	96
				198				192
3	189 798	490 5	212 / 166	46	194 459	495 5	220 / 168	52 R. SIEMANN
				244 ✓				244 ✓
B.M. 208-90								244 B.M. 208-90 (S.P. Co. RV 68)
	350578 ✓				679 139 ✓			488 ✓ HENRY MAYO DR. 400 FT. E. OF VALENCIA BLVD.
					350 578			SEE F.B. 3721-199
					328 561 ✓			

0020.05 EARTHQUAKE STUDIES

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 3-10-71 WEATHER LOW OVERCAST INST. NO 96716

INDEXED B. J. GALLI DATE APR 1 '71 TIME 10:25 TO 10:31 ROD NO 95896

NOTES CHKD R. DATE 4-[illegible]-71

F.B. 4109 PG. 107

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F.B. 4109 PG. 168 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 3-11-71

INDEXED G. J. GALL DATE

WEATHER 69° DIST. HAZE INST. NO. 96776

TIME 11:25 TO 11:40 ROD NO. 25 & 96

NOTES CHKD RGB DATE 4-2-71

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 208-90 TO B.M. 208-91
B.M. 208-90									B.M. 208-90 (S.P.Co. RV 68
1	207	690	508 5	236 178 58	160	729	461 5	191 129 62	HENRY MAYO DR. 400 FT. E. OF VALENCIA BLVD
									SEE F.B. 3721-199
2	212	251	513 5	1212 2181 62	74	291	375 5	164 44 60	
3	192	540	493 5	222 162 60 120	117	381	418 5	146 88 58 122	⊼ R. SIEMANN
4	220	198	521 5	252 188 64 180	151	650	452 5	184 118 66 180	
				244 ✓				246 ✓	
B.M. 208-91								244	B.M. 208-91 (U.S.C.&G.S. J-52 1926)
	832	679 ✓			504	051 ✓		490 ✓	HENRY MAYO DR. & W. OF SAN FERNANDO RD
	504	051							SEE F.B. 3721-201
	+328	628 ✓							

76P526B CE # 308 8/68

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JOB NO. ~~0301.02~~ 0020.05 SURVEY OF L.A. CO. PRECISE LEVEL NET — EARTHQUAKE STUDIES

SURVEY BY G.E. DREIER — DATE 3-10-71 — WEATHER THIN OVERCAST 51° — INST. NO. 26716

NOTES BY G.E. DREIER — TIME 10:35 TO 11:00 — ROD NO. 95 & 96

INDEXED C.J. GALE — DATE APR 1 '71 — NOTES CHKD R.S. — DATE 4-2-71

F.B. 4109 PG. 109

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 208-90 TO B.M. 208-89
B.M. 208-90							B.M. 208-90 (S.P. Co RV 68)
1	94 091	395 5	94 53 82	116 399	417 5	155 77 78	HENRY MAYO DR 400 FT. E. OF VALENCIA BLVD. SEE F.B. 3721-199
2	96 572	397 5	136 56 80	239 324	540 5	282 196 86	
3	74 952	375 5	162 119 29 90	225 131	526 5	173 164 177 96	T R. SIEMANN
4	91 359	392 5	252 132 50 82	201 429	502 5	260 238 164 74	
5	125 750	426 5	334 177 73 104	168 807	469 5	334 219 117 102	
			438			436	
B.M. 208-89						438	B.M. 208-89 (L.A. Co. RD. BL 2914)
	482 724			951 090		874	HENRY MAYO DR. 250 FT. E. OF NEWHALL AVE SEE F.B. 3721-197
				482 724			
				468 366			

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F.B. 4109 PG. 110 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES DREIER 3-11-71

INDEXED B.L. GALL DATE

WEATHER DIST. HAZE 64° INST. NO. 96716

TIME 10:53 TO 11:25 ROD NO. 95 & 97

NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM.208-89 TO BM.208-90
BM.208-89									B.M.208-89 (L.A.Co.RD. BL 2914)
1	15	025	452 5	186 116 70	110	508	411 5	143 77 66	HENRY MAYO DR. 250 FT. E. OF NEWHALL AVE. SEE F.B. 3721-197
2	165	528	466 5	200 130 70	105	173	406 5	142 68 74	
3	214	981	515 5	248 180 68 140	82	814	383 5	117 47 70 140	T R. SIEMANN
4	190	908	491 5	224 156 68 208	102	249	403 5	137 67 70 210	
5	210	920	511 5	246 174 72 276	94	452	395 5	129 59 70 280	
6	196	602	497 5	231 161 70 348	171	642	472 5	206 136 70 350	
7	138	575	439 5	150 126 24 418	133	209	434 5	144 122 22 420	
				442 ✓				442 ✓	
BM.208-90								442	B.M.208-90 (S.P.Co. RV68)
	1268539 ✓				800047 ✓			884	HENRY MAYO DR 400 FT. E. OF VALENCIA BLVD. SEE F.B. 3721-199
	800047								
	468492 ✓								

76P526B CE # 308 8/68

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JOB NO. ~~0001-02~~ 002605 SURVEY OF L.A. CO. PRECISE LEVEL NET — EARTHQUAKE STUDIES

SURVEY BY G.E. DREIER — WEATHER HAZY SUN 53°

NOTES BY G.E. DREIER — DATE 3-10-71 — TIME 11:00 TO 11:20 — INST. NO. 96716

INDEXED B.J. GALIN — DATE APR 1 71 — NOTES CHKD — DATE — ROD NO. 95896

F.B. 4169 PG. 111

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 208-89 TO B.M. 208-88
B.M. 208-89							B.M. 208-89 (L.A.Co. RD. BL 2914)
1	73 125	374 5	114 32 82	210 418	511 5	254 166 88	HENRY MAYO DR., 250 FT. E. OF NEWHALL AVE.
							SEE F.B. 3721-197
2	69 250	370 5	114 24 90	205 419	506 5	246 164 82	
3	96 776	397 5	126 66 60 172	147 575	448 5	178 116 62 170	π R. SIEMANN
			232 ✓			232 ✓	
B.M. 208-88						232	B.M. 208-88 (U.S.C.&G.S. S 370 1953 RESET 1964)
	239 151 ✓			563 412 ✓		464 ✓	HENRY MAYO DR. W. OF NEWHALL AVE.
				239 151			SEE F.B. 3721-195
				- 324 261 ✓			
		RERUN	3-12-71	9:00	TEMP = 52°	OVERCAS & LIGHT WIND.	
B.M. 208-89							
1	62 570	363 5	108 16 92	218 472	519 5	264 172 92	
2	68 308	369 5	118 18 100 192	228 291	529 5	276 180 96 188	
3	134 486	435 5	154 114 40	142 669	443 5	164 120 44	
			232 ✓			232 ✓	
B.M. 208-88						232	
	265 364 ✓			589 432 ✓		464 ✓	
				265 364			
				- 324 068			

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F.B. 4109 PG. 112 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 3-11-71

INDEXED C. J. GALLI DATE

WEATHER 70° DIST. HAZE INST. NO. 96716

TIME 10:35 ROD NO. 954 96

NOTES CHKD R.G.B. DATE 4-2-71

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From B.M. 208-88 To B.M. 208-89
B.M. 208-88							B.M. 208-88 (U.S.C.&G.S. S-370 1953 RESET 1964)
1	171 003	472 5	206 136 70	81 511	382 5	115 48 67	HENRY MAYO DR. W. OF NEWHALL AVE
							SEE F.B. 3721-195
2	196 721	497 5	231 161 70	124 738	425 5	161 87 74	
3	202 610	503 5	236 168 68 140	101 561	402 5	135 67 68 141	⊼ R. SIEMANN
4	168 620	469 5	180 156 24 208 232 ✓	107 441	408 5	119 95 24 209 233 ✓	
B.M. 208-89						232 465 ✓	B.M. 208-89 (L.A. CO. RD. BL 2914
	738 954 ✓			415 251 ✓			HENRY MAYO DR. 250 FT. E. OF NEWHALL AVE.
	415 251						SEE F.B. 3721-197
	+ 323 703 ✓						
		RERUN	9.10	12-71 TEMP = 55°	OVERCAST		LIGHT WIND.
B.M. 208-88							
1	199 311	500 5	248 150 98	78139	379 5	129 27 102	
2	200 921	501 5	240 160 80	125 633	426 5	164 86 78	
3	216 251	517 5	242 190 52 178 230 ✓	88 812	389 5	115 61 54 180 234 ✓	
B.M. 208-89						230 464 ✓	
	616 483 ✓			292 584 ✓			
	292 584						
	323 899 ✓						

76P526B CE # 308 8/68

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 208-88 TO B.M. 208-87A
B.M. 208-88									B.M. 208-88 (U.S.C.&G.S. S 370, 1953 RESET 1964)
1	57	874	358 5	74 20 74	192	601	493 5	230 154 76	HENRY MAYO DR. W. OF NEWHALL AVE.
									SEE F.B. 3721-195
2	97	288	398 5	139 55 84	159	760	460 5	201 117 84	
				158				160	
3	84	292	385 5	121 47 74	233	273	534 5	270 196 74	T. J. MALDONADO
				232				234	
4	85	740	386 5	126 44 82	216	682	517 5	257 175 82	
				314				316	
5	59	970	360 5	92 26 66	202	218	503 5	236 168 68	
				380				384	
6	124	392	425 5	162 86 76	211	221	512 5	247 175 72	
				456				456	
7	122	683	423 5	153 91 62	143	131	444 5	174 112 62	
				518 ✓				518 ✓	
B.M. 208-87A								518	B.M. 208-87A (S.C.E. Co. NL+F COPPER PLUG)
	632	239 ✓			1358	886 ✓		1036 ✓	HENRY MAYO DR. AT S.C. Co. SUBSTATION
					632	239			SEE F.B. 3721-193
					726	647 ✓			

00026.65 EARTHQUAKE STUDIES

LOB NO. ~~0301.02~~ SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER DATE 3-10-71 WEATHER HAZY SUN 55° INST. NO. 86716

NOTES BY G.E. DREIER TIME 1120 TO ROD NO. 25 #96

INDEXED J. GALLI DATE APR 1 71 NOTES CHKD. DATE 4

F.B. 4109 PG. 113

F.B. 4109 PG. 114 JOB NO. 0020.05
SURVEY OF EARTHQUAKE STUDIES
SURVEY BY DREIER NOTES G.E. DREIER 3-11-71
INDEXED G.J. GALLI DATE
NOTES CHKD. G.J. GALLI DATE 1-2-71
TIME 0100 WEATHER DIST. HAZE 63°
ROD NO. 75 #2 INST. NO. 9671

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 208-87A TO B.M. 208-88
B.M. 208-87A							B.M. 208-7A (
1	163 913	464 5	194 132 62	106 367	407 5	137 75 62	HENRY MAYO DR AT S.C.ED. Co. SUB STATION SEE F.B. 3721-193
2	177 407	478 5	211 143 68	92 957	393 5	127 57 70	
3	192 882	493 5	231 153 78	70 681	371 5	130 108 32 132 76	T J. MALDONADO
4	200 352	501 5	235 165 70	85 471	386 5	208 120 50 208 70	
5	205 370	506 5	238 172 66	74 588	375 5	278 107 41 278 66	
6	170 404	471 5	210 130 80	102 791	403 5	344 142 62 344 80	
7	211 907	512 5	252 170 82	102 262	403 5	424 144 60 424 84	
8	147 424	448 5	156 138 18	108 038	409 5	506 117 99 508 18	
			524 ✓			526 ✓	
B.M. 208-88						524	B.M. 208-88 (U.S.C&GS. S370 1953 RESET 1964)
	1468659 ✓			743155 ✓		1050 ✓	HENRY MAYO DR. W. OF NEWHALL AVE SEE F.B. 3721-195
	743155						
	+726504						

76P526B CE # 308 8/68

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OB NO. ~~0301-02~~ 002005 SURVEY OF L.A. CO. PRECISE LEVEL NET — EARTHQUAKE STUDIES

SURVEY BY G.E. DREIER — DATE 3-10-71 — WEATHER OVERCAST 58° — INST. NO. 96716

NOTES BY G.E. DREIER — TIME 1:30 — ROD NO. 95 & 96

INDEXED G. J. GALLI — DATE APR 1 '71 — NOTES CHKD R.G.B. — DATE 4-2-71

F.B. 4109 PG. 115

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM B.M. 208-87A TO B.M. 208-87
B.M. 208-87A									B.M. 208-87A
									HENRY MAYO DR AT S.C. EDISON SUB-STATION
1	112 199	413 5	115 109	6	132 647	433 5	135 129	6	SEE F.B. 3721-193
					112 199			6	
								12 ✓	
B.M. 208-87					- 20 448 ✓				B.M. 208-87
									HENRY MAYO DR AT S.C.ED.CO. SUB STATION
		RERUN		3-11-71	9:55	T = 60°			SEE F.B. 3721-193
B.M. 208-87A									
1	126 168	427 5	129 123	6	146 734	447 5	149 143	6	T. J. MALDONADO
					126 168			6	
B.M. 208-87								12 ✓	
					- 20 566 ✓				

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F.B. 4109 PG. 116 JOB NO. 0020.05

SURVEY OF _____ NOTES G.E. DREIER 3-11-71

SURVEY BY _____ DATE _____

INDEXED C. J. GALLI

INST. NO. 26716

ROD NO. 95 E3

DATE 4-2-71

WEATHER 60°

TIME 8:55

NOTES CHKD. 4-8

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 208-87 TO B.M. 208-87A
B.M. 208-87									B.M. 208-87
									HENRY MAYO DR. AT EDISON SUB STA.
1	142	308	443	5	121	729	422	5	SEE FB. 3721-193
	121	729		145 139 6				124 182 6	
								6	
								12 ✓	
B.M. 208-87A	+ 20	579	✓						B.M. 208-87A
									HENRY MAYO DR & ED. CO SUB. STA.
									SEE F.B. 3721-193

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. 208-87 TO B.M. 208-87C
B.M. 208-87									B.M. 208-87
	121	803	422 5	140 102 38	134	428	435 5	157 111 46	HENRY MAYO DR AT EDISON SUB STA.
					121	803		38	SEE F.B. 3721-193
								84 ✓	
B.M. 208-87C					- 12	625 ✓			B.M. 208-87C
									N. OF HENRY MAYO DR. OPPOSITE
									EDISON CO. SUB. STA. ON TOWER
									SEE F.B. 3721-200
	1ST		RERUN	3-11-71	9:40		T.=60°		
B.M 208-87									
1	129	570	430 5	148 110 38	142	139	443 5	166 118 48	
					129	570		38	K J. MALDONADO
B.M. 208-87C								86 ✓	
					- 12	569 ✓			
	2nd		RERUN	3-11-71	9:50		T°60°		
208-87									
1	141 ~~154~~	937	442 5	162 120 42	154	447	455 5	175 133 42	
					141	937		42	
208-87C								84 ✓	
					- 12	510 ✓			

OB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 58°

SURVEY BY

NOTES BY DATE 3-10-71 WEATHER OVERCAST INST. NO. 96716

TIME 1:40 ROD NO. 95896

INDEXED L.A. GALLI DATE MR 1 71 NOTES CHKD R.G.L. DATE 4-[illegible]-71

F.B. 4109 PG. 117

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4109 PG. 118 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 3-11-71

INDEXED C. J. GANN DATE

59°

WEATHER DIST. HAZE INST. NO. 7616

TIME 8:35 TO 9:40 ROD NO. 9589

NOTES CHKD. DATE 4-2-71

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 208-87 B C TO B.M. 208-87
B.M. 208-87 C							B.M. 208-87 B C
			168			156	HENRY MAYO DR. OPPOSITE S.C.E. CO.
1	147 316	4485	126 42	134 802	4355	112 44	SUB-STATION
	134 802					42	SEE F.B. 3721-200
B.M. 208-87						86	B.M. 208-87 (SO. CAL. EDISON CO.)
	+ 12 514						HENRY MAYO DR AT S.C.E. SUB-STATION
							SEE F.B. 3721-193

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. 208-87C TO B.M. 208-86
B.M. 208-87C									B.M. 208-87C
1	45	578	346 5	88 2 86	214	750	515 5	257 171 86	HENRY MAYO DR., OPPOSITE S.C.E. Co. SUB-STATION ON S.W. COR TOWER
2	98	268	399 5	141 55 86	196	610	497 5	239 153 86	SEE F.B. 3721-200
3	101	608	402 5	172 142 60 82	168	430	469 5	208 172 128 80	
4	63	066	364 5	254 101 ½ 263 76	274	801	575 5	274 252 ½ 236 76	T. J. MALDONADO
				330 ✓				328 ✓	
B.M. 208-86								330	B.M. 208-86 (U.S.C.&G.S. T 370 1953)
	308	520	✓		854	591	✓	658 ✓	R.R. E. OF FRWY 5, ON BRIDGE
					308	520			SEE F.B. 3721-191
					546	071	✓		

OB NO. ~~0301-02~~ 0020.05 SURVEY OF L.A. CO. PRECISE LEVEL NET — EARTHQUAKE STUDIES

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

NOTES BY G.E. DREIER — DATE 3-10-71 — TIME 1:45 TO — ROD NO. 95896

INDEXED G.J. GARCIA — DATE MAR 1 71 — NOTES CHKD R.C. — DATE 4-1-71

58°

F.B. 4109 PG. 119

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4109 PG. 120 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 3-11-77

INDEXED C. J. GALLI DATE

WEATHER 58° DIST. HAZE INST. NO.

TIME 8:55 to 9:35 ROD NO.

NOTES CHKD. DATE 4-2-77

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M 208-86 TO B.M. 208-87C
B.M. 208-86									B.M. 208-86 (U.S.C&G.S. T 370 1953)
1	300	151	601 5	300 ½ 248 104	91	523	392 5	142 40 102	R.R. BRIDGE E. OF HWY 5
									SEE F.B. 3721-191
2	200	168	501 5	238 162 76	97	542	398 5	137 57 80	
3	184	233	485 5	220 180 148 72	98	359	399 5	134 62 182 72	T J. MALDONADO
4	208	473	509 5	252 246 170 76	59	540	360 5	96 22 254 74	
				328 ✓				328 ✓	
B.M. 208-87 ~~B~~ C								328	B.M. 208-87 ~~B~~ C
	893	025 ✓			346	964 ✓		656	HENRY MAYO DR. OPPOSITE
	346	964							S.C. EDISON CO. SUB STATION
	+546	061 ✓							SEE F.B. 3721-200

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. 208-86 TO B.M. 208-85
B.M. 208-86							B.M. 208-86 (U.S.C.&G.S. T 370 1953)
1	262 021	563 5	291 233 58	163 069	464 5	192 134 58	R.R. BRIDGE E. OF HWY 5
							SEE F.B. 3721-191
2	111 429	412 5	154 68 86	214 562	515 5	257 171 86	
							T. J. MALDONADO
3	108 747	409 5	148 144 68 80 224	209 167	510 5	249 144 169 80 224	
4	120 282	421	136 104 32 256 ✓	187 421	488 5	203 171 32 256 ✓	
B.M. 208-85						256	B.M. 208-85 (S.P. CO. RV 65) (U.S.C.&G.S.)
	602 479 ✓			774 219 ✓		512	R.R. E. OF HWY 5
				602 479			SEE F.B. 3721-189
				171 740 ✓			

OB NO. ~~0301.02~~ 002005 SURVEY OF L.A. CO. PRECISE LEVEL NET EARTHQUAKE STUDIES

SURVEY BY G.E. DREIER WEATHER THIN OVERCAST 57° INST. NO. 96716

NOTES BY G.E. DREIER DATE 3-10-71 TIME 2:20 TO 2:40 ROD NO. 95896

INDEXED J. GALLI DATE APR 1 71 NOTES CHKD. DATE 4-2-71

F.B. 4109 PG. 121

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 THIN OVERCAST INST. NO. 96716
TIME 2:40 ROD NO. 958
NOTES CHKD. R.R. DATE 4-2-
F.B. 4109 PG. 122 JOB NO. 0020.05
SURVEY OF EARTHQUAKE STUDIES
SURVEY BY DREIER NOTES DREIER 2-16-71
INDEXED C. J. GAMS DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 208-85 TO B.M. 208-86
B.M. 208-85			255			136	B.M. 208-85 (S.P. CO. RV 65) (U.S.C.&G.S.)
1	223 087	5245	191 64	105 831	406 5	74 62	R.R. 0.15 MI. E. OF HWY 5
							SEE F.B. 3721-189
2	195 118	496 5	227 163 64	127 589	428 5	159 95 64	
3	211 540	512 5	244 128 178 66	129 271	430 5	162 126 96 66	π J. MALDONADO
4	172 231	473 5	202 194 142 60	267 682	568 5	298 192 236 62	
			254 ✓			254 ✓	
B.M. 208-86						254	B.M. 208-86 (U.S.C.&G.S. T 370 1953)
	801 976 ✓			630 373 ✓		508 ✓	R.R. BRIDGE E. OF HWY 5
	630 373						SEE F.B. 3721-191
	171 603 ✓						

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-85 TO B.M. 208-84
B.M. 208-85				148				224	B.M. 208-85 (S.P.Co. RV 65) (U.S.C & G.S.)
1	121	891	422 5	94 54	195	068	496 5	166 58	RR. 0.15 mi. E. of Hwy 5
								95	SEE F.B. 3721-189
2	151	868	452 5	168 134 34	081	310	382 5	67 28	
				88	✓			86	T R. SIEMAN
								88	
	273	759 ✓			276	378 ✓		174 ✓	
B.M. 208-84					273	759			B.M. 208-84 (U.S.C.&G.S. Q 978 1964)
					002	619 ✓			RR. UNDER Hwy 5 OVERPASS
									SEE F.B. 3721-187 & 3719-265 ?
			RERUN 2:20	3-12-71	TEMP				
B.M. 208-85				144				252	
1	105	741	406 5	66 78	213	469	514 5	174 78	
								46	
2	147	992	448 5	152 142 10	42	845	349 5	38 8	
				88	✓			86 ✓	
								88	
	253	733 ✓			256	314 ✓		174 ✓	
B.M. 208-84					253	733			
					— 2	581 ✓			

OB NO. ~~0301-02~~ 00 2005 SURVEY OF L.A. CO. PRECISE LEVEL NET — EARTHQUAKE STUDIES

SURVEY BY G. E. DREIER DATE 3-12-71 WEATHER OVERCAST 56° INST. NO. 26716

NOTES BY G. E. DREIER DATE APR 1 '71 TIME 9:55 TO 10:05 ROD NO. 25 & 96

INDEXED G. J. GALLI DATE NOTES CHKD DATE 4-2-71

F.B. 41109 PG. 123

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4109 PG. 124 JOB NO. 0020.02

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES DREIER 3-12-71

INDEXED C. J. BACLI DATE

WEATHER OVERCAST 60° INST. NO. 76716

TIME 2:10 TO ROD NO. 75869

NOTES CHKD R.C.B. DATE 4-2-71

STATION	BACKSIGHT Right Mic.	Left.	Stadia	FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 208-84 TO B.M. 208-85
B.M. 208-84			46			151	B.M. 208-84 (U.S.C.&G.S. Q 970 1964)
1	42 710	343 5	38 8	147 933	448 5	143 8	R.R. UNDER OLD HWY OVERPASS
							SEE F.B. 3721-187
2	24271	515 5	254	106 601	407 5	145	
			174 80			67 78	
			88 ✓			86 ✓	T R. SIEMANN
						88	
	256 981 ✓			254 534 ✓		174 ✓	
B.M. 208-85	254 534						B.M. 208-85 (S.P.Co. RU 65) (U.S.C.&G.S.)
							R.R. 0.15 mi. EAST OF HWY 5
	+ 2 447 ✓						SEE F.B. 3721-189
				3-12-71	2:25	TEM. = 60°	OVERCAST
B.M. 208-84		RERUN	44			150	
1	40 411	341 5	36 8	145 619	446 5	140 10	
2	217 218	518 5	257	109 554	410 5	148	
			177 80			70 78	
			88 ✓			88 ✓	
B.M. 208-85						88	
	257 629 ✓			255 173 ✓		176 ✓	
	255 173						
	+ 2 456 ✓						

78P526B 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 208-84 TO B.M. 208-83
B.M. 208-84									B.M. 208-84 (U.S.C.&G.S Q 976 1964
1	40	457	341 5	44 36 8	178	844	479 5	183 173 10	RR. UNDER HWY 5 OVERPASS
									SEE F.B. 3721-187 & 3719-265
2	136	869	437 5	160 112 48	227	650	528 5	250 204 46	
				56 ✓				56	✓ π R. SIEMANN
								56	
	177	326 ✓			406	494 ✓		112 ✓	
B.M. 208-83					177	326			B.M. 208-83 (S.P. Co. RY 64)
					229	168 ✓			R.R. UNDER OLD HWY BRIDGE
									SEE F.B. 3721-185 & 3719-265
				RERUN	3-12-71	2:35	TEMP = 60°		OVERCAST
B.M. 208-84									
1	39	959	340 5	43 35 8	164	241	465 5	168 160 8	
2	119	540	420 5	143 95 48	224	279	525 5	248 200 48	
				56 ✓				56 ✓	
B.M. 208-83								56	
	159	499 ✓			388	520 ✓		112 ✓	
					159	499			
					229	021 ✓			

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

SURVEY BY G.E. DREIER — WEATHER OVERCAST 58° — INST. NO. 96716

NOTES BY G.E. DREIER — DATE 3-12-71 — TIME 10:05 TO 12:15 — ROD NO. 95 & 94

INDEXED — DATE APR 1 71 — NOTES CHKD — DATE 4-2-71

F.B. 4109 PG. 125

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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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F.B. 4109 PG. 126 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES DREIER 3-12-70

INDEXED R. J. GALLI DATE

WEATHER OVERCAST 60° INST. NO. 9671

TIME 2:05 TO 2:10 ROD NO. 9686

NOTES CHKD R.L.B. DATE 4-2-71

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS From B.M. 208-83 To B.M. 208-84
B.M. 208-83							B.M. 208-83 (S.P. Co. RV 62)
1	225 272	526 5	248 201 47	137 500	438 5	160 114 46	R.R. UNDER OLD HWY OVERPASS SEE F.B. 3721-185
2	170 370	471 5	174 166 8 55	29 100	330 5	33 25 8 54 55	π R. SIEMANN
	395642			166 600		109	
B.M. 208-84	166 600						B.M. 208-84 (U.S.C.&G.S. Q 970 1964)
	+229042						R.R. UNDER HWY 5 OVERPASS SEE F.B. 3721-187

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			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 208-83 TO B.M. 208-82
B.M. 208-83							B.M. 208-83 (S.P. Co. RV 62)
1	110 850	411 5	½ 138 110 56	281 949	582 5	½ 281 252 58	R.R. UNDER OLD HWY BRIDGE
							SEE F.B. 3719-265 & 3721-185
2	82 101	383 5	½ 126 82 88	239 840	540 5	282 196 86	
3	95 285	396 5	143 144 47 96	236 383	537 5	284 188 144 96	T R. SIEMANN
4	113 889	414 5	146 240 ½ 113 66	200 429	501 5	231 169 240 62	
5	84 210	385 5	133 306 35 98	236 774	537 5	289 183 302 106	
6	122 336	423 5	148 404 96 52	222 261	523 5	245 199 408 ~~46~~	
			456 ✓			454 ✓	
B.M. 208-82						456	B.M. 208-82
	608 671 ✓	✓		1417 636 ✓		910 ✓	OLD Hwy 99 AT STA. A 39+52
				608 671			SEE F.B. 3721-183
				-808 965 ✓			

00206.5

IB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — EARTHQUAKE STUDIES

JRVEY BY G. E. DREIER — WEATHER OVERCAST 58° — INST. NO. 96716

OTES BY G. E. DREIER — DATE 3-12-71 — TIME 8:15 — ROD NO. 95 & 96

NDEXED C. J. GALLO — DATE APR 1 '71 — NOTES CHKD. RGT — DATE 4-2-71

F.B. 4109 PG. 127

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4109 PG. 128 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G. DREIER 3-12-71

INDEXED C. J. GALL DATE

WEATHER OVERCAST 60° INST. NO. 9671

TIME 1:35 TO 2:05 ROD NO. 954

NOTES CHKD. DATE 4-

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From B.M. 208-82 To B.M. 208-83
B.M. 208-82									B.M. 208-82
1	225	190	526 5	262 188 74	77	480	378 5	115 39 76	OLD Hwy 99 AT STA. A39+52 SEE F.B. 3721-183
2	245	999	546 5	284 206 78	89	970	390 5	128 50 78	
3	204	528	505 5	243 165 78	129	609	430 5	170 88 82	T R. SIEMANN
4	200	370	501 5	235 165 70	123	279	424 5	155 91 64	
5	226	888	527 5	259 193 66	103	079	404 5	136 70 66	
6	295	452	596 5	295 262 66	84	030	385 5	120 48 72	
7	177	501	478 5	186 168 18	159	937	460 5	166 152 14	
				450 ✓				452 ✓	
B.M. 208-83								450	B.M. 208-83 (S.P.Co. RV 62)
	1575	928 ✓			767	384 ✓		902	RR. UNDER OLD Hwy ~~WIDE~~ OVERPASS SEE F.B. 3721-185
	767	384							
	+808	544 ✓							

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
									RERUN FROM BM.208-83 TO B.M.208-82
B.M.208-83									BM.208-83 (S.P.Co. RV 62)
1	115	190	416 5	152 78 74	283	909	584 5	283 245 76	RR. UNDER OLD Hwy 99 OVERPASS SEE F.B. 3721-185
2	58	108	359 5	91 25 66	231	109	532 5	263 199 64	
3	115	358	416 5	151 79 72 140	201	045	502 5	237 165 72 140	RERUN R. SIEMANN
4	103	040	404 5	144 62 82 212	216	461	517 5	257 175 82 212	
5	103	741	404 5	141 65 76 294	221	551	522 5	259 183 76 294	
6	87	331	388 5	130 44 86 370	237	683	538 5	280 194 86 370	
				456 ✓				456 ✓	
B.M.208-82								456	B.M. 208-82
	582	768 ✓			1391	758 ✓		912	OLD Hwy 99 AT STA A 39+52 SEE F.B 3721-183
					582	768			
					808	990 ✓			

002.05

JB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET EARTHQUAKE STUDIES

SURVEY BY G.E. DREIER WEATHER PART CLOUDY 60° LT WIND

NOTES BY G.E. DREIER DATE 3-12-71 TIME 2:40 TO 3:05 INST. NO. 96716 ROD NO. 95896

INDEXED G. J. GALLY DATE APR 1 71 NOTES CHKD R.G.R. DATE 4-2-71

F.B. 4169 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.

F.B. 4109 PG. 130 JOB NO. 0020.05

SURVEY OF EARTH QUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 3-15-71

INDEXED G.J. GALL DATE

WEATHER CLEAR-WINDY INST. NO. 9611

TIME 7:10 TO 9:40 ROD NO. 9584

NOTES CHKD R.G.B. DATE 4-2

69°

STATION	BACKSIGHT				FORESIGHT RERUN				DESCRIPTION AND REMARKS
1	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 208-82 TO B.M. 208-83
B.M. 208-82									B.M. 208-82
1	251	746	552 5	304 198 106	48	190	349 5	102 ½ 48 108	OLD HWY 99 AT STA. A 39 + 52
									SEE F.B. 3721-183
2	241	808	542 5	281 201 80	103	170	404 5	142 64 78	
3	195	359	496 5	238 186 152 86	109	166	410 5	153 186 65 88	⊼ R. SIEMANN
4	210	879	511 5	249 272 171 78	91	209	392 5	129 ~~278~~ 53 76	RERUN
5	287	951	588 5	287 350 ½ 249 76	68	952	369 5	105 350 31 74	
6	195	486	496 5	208 426 182 26	153	780	454 5	167 424 139 28	
				454				452	
B.M 208-83								454	B.M. 208-83 (S.P. Co. RV 62)
	383229				574467			906	R.R. UNDER OLD HWY 99 OVERPASS
	574467								SEE F.B. 3721-185
	+808762								

76P526B CE # 308 8/68

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 208-82 TO B.M. 206-81
B.M. 208-82							B.M. 208-82
1	85 341	386 5	134 36 98	244 588	545 5	294 194 100	OLD HWY 99 AT STA A39+52
							SEE F.B. 3721-183
2	90 043	391 5	139 41 98	160 000	461 5	208 112 96	
							R. SIEMANN
3	69 001	370 5	77 61 16 196	181 916	482 5	189 173 16 196	
			212 ✓			212 ✓	
B.M. 208-81						212	B.M. 208-81 (S.P. CO. RV 62)
	244 385 ✓			586 504 ✓		424	OLD HWY 99 AT STA. A 52+62.40
				244 385			SEE F.B. ~~3721~~ 3719-264
				342 119 ✓			

JOB NO. 030102 SURVEY OF L.A. CO. PRECISE LEVEL NET — EARTHQUAKE STUDIES — 002005

SURVEY BY G.E. DREIER — DATE 3-12-71 — WEATHER HAZY SUN 59° — INST. NO 96716

NOTES BY G.E. DREIER — TIME 10:45 TO 11:05 — ROD NO 95896

INDEXED G. J. GALLI — DATE APR 1 71 — NOTES CHKD R.W.Z. — DATE 4-2-71

F.B. 4109 PG. 131

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F.B. 4109 PG. 132 JOB NO. 0020.03

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 3-12-71

INDEXED G. J. GALO DATE

62° LIGHT WIND

WEATHER HAZY SUN

TIME 1:20 TO 1:35 ROD NO. 958

NOTES CHKD. DATE 4-2

INST. NO. 967

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 208-81 TO B.M. 208-82
B.M. 208-81							B.M. 208-81
1	235 582	536 5	276 194 82	85 709	386 5	127 43 84	OLD HWY 99 AT STA. A 52+62.40
							SEE F.B. 3719-264
2	218 010	519 5	255 181 74	87 551	388 5	126 48 78	
3	192 092	493 5	216 156 168 48	130 390	431 5	151 162 109 42	
			204 ✓			204	
						204	
	645 684 ✓			303 650 ✓		408 ✓	
B.M. 208-82	303 650						B.M. 208-82
							OLD HWY 99 AT STA. A 39+52
							SEE F.B. 3721-183
	+ 342 034 ✓						

76P526B CE # 308 8/68

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STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 208-81 TO B.M. 206-32
B.M. 208-81							B.M. 208-81
1	251 583	552 5	277 225 52	129 457	430 5	155 103 52	OLD HWY 99 AT STA 52+62.40
							SEE F.B. 3719-264
2	126 741	427 5	164 88 76	199 858	500 5	237 161 76	
3	92 958	393 5	131 53 128 78	217 921	518 5	257 177 128 80	J. MALDONADO
4	72 970	373 5	112 32 206 80	256 050	557 5	295 217 208 78	
5	75 432	376 5	116 34 286 82	208 488	509 5	250 166 286 84	
6	91 883	392 5	130 52 368 78	176 761	477 5	218 134 370 84	
7	112 209	413 5	136 88 446 48	130 825	431 5	154 106 454 48	
			494 ✓			502 ✓	
B.M. 206-32						494	B.M. 206-32 (U.S.C.&G.S. U 370,
	823 776 ✓			1319 360 ✓		996	CASTAIC JCT. BACK OF "TIPS"
				823 776			SEE F.B. 3719-261
				495 584 ✓			

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

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

NOTES BY G.E. DREIER — DATE 3-12-71 — TIME 11:05 TO 11:30 — ROD NO. 95896

INDEXED J. GALLI — DATE APR 1 71 — NOTES CHKD R.G.B. — DATE 4-2-71

F.B. 4109 PG. 133

58

0020105

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F.B. 4109 PG. 134 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES GE. DREIER 3-12-71

INDEXED J. GALLI DATE

WEATHER THIN OVERCAST 61° INST. NO. 9671

TIME 11:30 TO 12:00 ROD NO. 9582

NOTES CHKD R.B. DATE 4-7-71

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS From B.M. 206-32 To B.M. 208-81
B.M. 206-32									B.M. 206-32 (U.S.C.&G.S. U 370 1953)
1	134	712	435 5	159 109 50	109	898	410 5	132 86 46	CASTAIC JCT. BACK of "TIPS"
									SEE F.B. 3719-261
2	169	621	470 5	213 125 88	82	039	383 5	129 35 94	
3	200	560	501 5	246 138 154 92	65	752	366 5	111 140 19 92	J. MALDONADO
4	206	288	507 5	250 230 162 88	83	721	384 5	126 232 40 86	
5	214	578	515 5	258 318 170 88	90	787	391 5	135 318 45 90	
6	187	441	488 5	222 406 152 70	185	362	486 5	219 408 151 68	
				476	✓			476 ✓	
B.M. 208-81								476	B.M. 208-81
	1113	200 ✓			617	559 ✓		952 ✓	OLD HWY 99 AT STA. A 52+62.40
	617	559							SEE F.B. 3719-264
	+ 495	641 ✓							

Notes Ck'd by	Survey of EARTHQUAKE STUDIES
Map No.	JN 0020.05 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 1971
Date	Indexed F. S. TELLEZ APR 22 '71

F. B. 4109 PG. 141

JOB NO. 0020.05

EARTHQUAKE STUDIES

MARCH & APRIL 1970 RELEVELING

PORTION OF LINE 60

LINE NO 206 (PART CONT. IN F.B. 4111

DREIER
MALDONADO
SIEMANN
McKNIGHT

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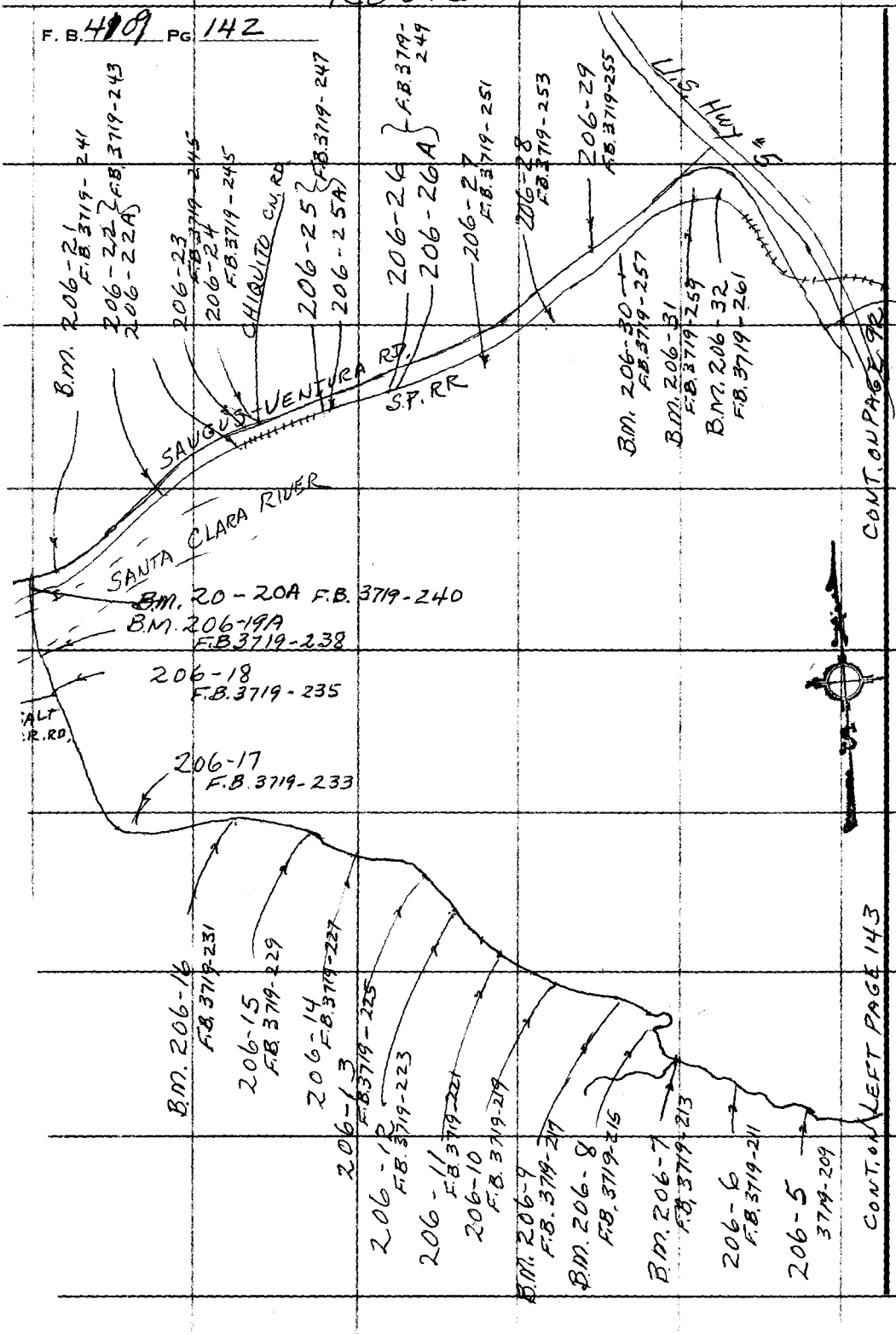
76E309S CE#31 LO 3-69

ROUTE SKETCH LINE 206

F. B. 4109 PG. 142



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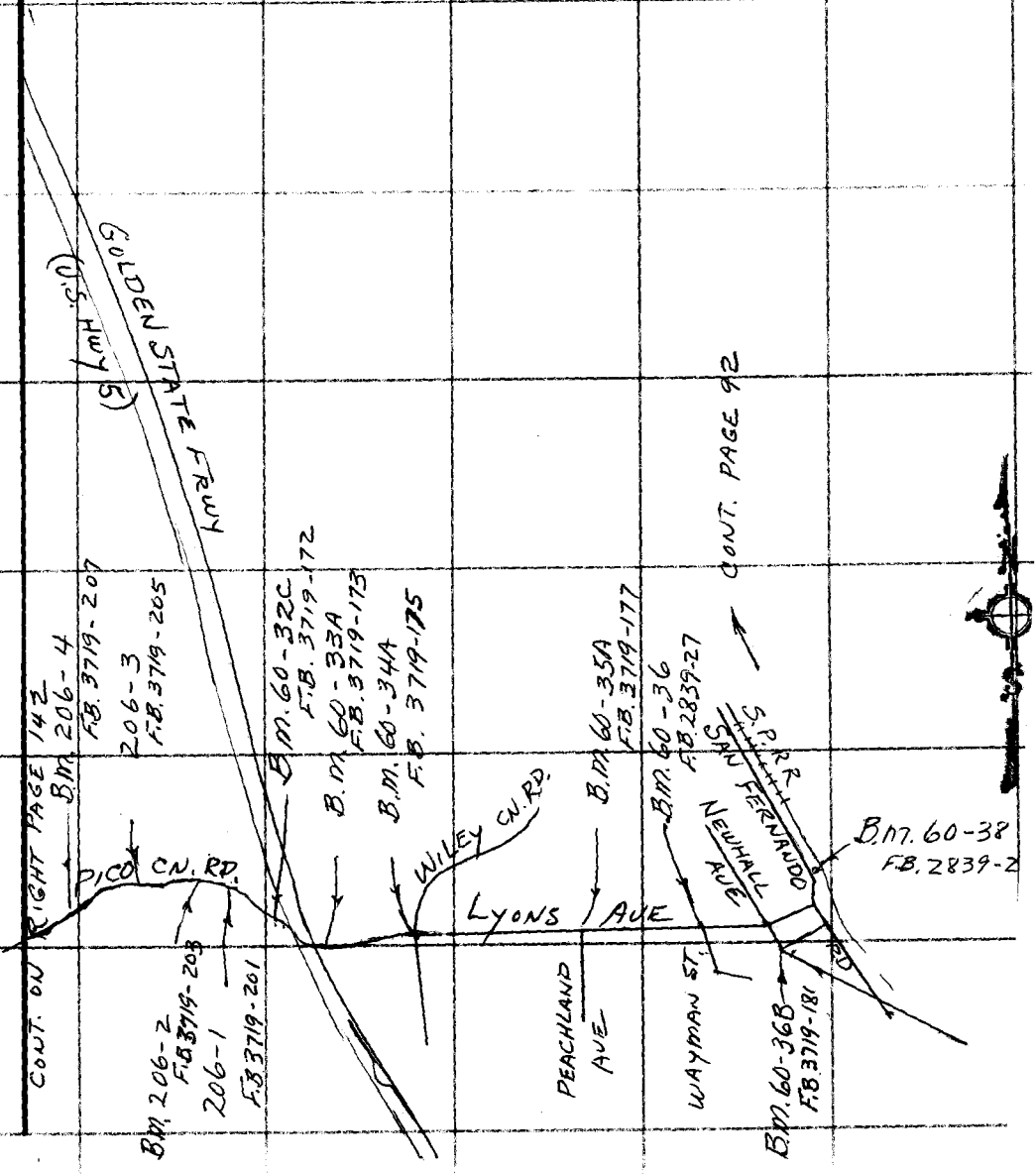
Notes Ck'd by	Survey of G.E. DREIER
Map No.	JN 0020.05 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date MAR 1971
Date	Indexed F. S. TELLEZ APR 22 '71

F. B. 4109 PG. 143

ROUTE SKETCH CONT. PORTION OF LINE 60
LINE 206



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16F309S. EE#310.3-69

76P526B CE # 306 6-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 64°

SURVEY BY G.E. DREILER WEATHER

NOTES BY SIEMANN DATE 3-17-71 TIME 8:30 TO 8:45 INST. NO. 75766

INDEXED F. S. TELLEZ DATE MAR 22 71 NOTES CHKD DATE ROD NO. 95896

F.B. 4109 PG. 145

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS From To
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	133	793	434	5 135 131 4	82	347	383	5 109 55 54	54 M- 4 M= 50 M=0.20 mm
2	164	231	465	5 166 162 4	215	733	516	5 242 188 54	54 M- 4 M= 50 M=0.20 mm
	298	024			298	080		108	
				8		040		8	
	+				-0.	mm			Curvature Corr.=0.40 mm
					298	040		100	
					298	024			
					-	0.16	mm		
				mm= "C"					
						- 0.002			
						~~.010~~	mm = "C"		
					100	0.6			

76P526B CE # 308 8-59

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

SURVEY BY G. E. DREIER WEATHER 66° CLEAR

NOTES BY G. E. DREIER DATE 3-18-71 TIME 1:30 VERY WINDY INST. NO. 26716 ROD NO. 25 #96

INDEXED F. S. TELLEZ DATE APR 22 71 NOTES CHKD. DATE

F.B. 4109 PG. 147

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	166	356	467	5 168 / 164 4	188	882	489	5 215 / 161 54	54 M- 4 M= 50 M=0.20 mm
2	165	203	466	5 167 / 163 4	142	761	443	5 169 / 115 54	54 M- 4 M= 50 M=0.20 mm
	331	559		8	331	643		108	
	+				-0.	0.40 mm.		-8	Curvature Corr.=0.40 mm
						mm			
					331	603		100	
					331	559			
					-	0.54 mm.			
				mm= "C"					
						-0.005 mm = "C"			
					100	0.54			

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

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

NOTES BY G. E. DREIER DATE 3-22-71 TIME 9:00 ROD NO. 85896

INDEXED F. S. TELLEZ DATE APR 22 '71 NOTES CHKD DATE

F.B. 41089 Pg. 149

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	165	215	4565	157 / 153 4	154	280	455 5	181 / 127 54	54M- 4 M= 50 M=0.20 mm
2	169	745	4705	171 / 167 4	170	663	471 5	197 / 143 54	M- M= M=0.20 mm
	324 960				324 943			108	
	324 903					0.40 mm			
	+ 0.57				-0. mm			-8	Curvature Corr.=0.40 mm
					324 903			100	
					324				
					-				
	+ 0.006			mm= "C"					
	100 / 0.57								
							mm= "C"		

76P526B CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 74°

SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 26716

NOTES BY SIEMANN DATE 3-23-71 TIME 1:00 TO 1:20 ROD NO. 35496

INDEXED F. S. TELLEZ DATE APR 22 71 NOTES CHKD DATE

F.B. 4109 Pg. 151

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	151	600	452 5	153 149 4	134	185	435 5	161 107 54	54 M- 4 M= 50 M=0.20 mm
2	156	445	457 5	158 154 4	173	988	474 5	200 146 54	54 M- 4 M= 50 M=0.20 mm
	308	045			308	973		108	
						040		8	
	+			8	-0.	mm			Curvature Corr.=0.40 mm
					308	033		100	
						045			
					-	0.88 mm			
				mm= "C"					
	1								
						-0.00 88 mm = "C"			
					100	0.88			

76P526B CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 52° EARTHQUAKE STUDIES 0020.05

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

NOTES BY G.E. DREIER DATE 3-25-71 TIME 9:00 ROD NO. 95896

INDEXED F.S. TELLEZ DATE 4-22-71 NOTES CHKD. DATE

F.B. 4109 PG. 153

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM ____ TO ____
							DETERMINATION OF "C"						
		NEAR ROD						FAR ROD					
1	165	583	466	5	167 163	4	151	520	452	5	178 124	54	54 M- 4 M= 50 M=0.20 mm
2	176	493	477	5	178 174	4	190	721	491		217 163	54	54 M- 4 M= 50 M=0.20 mm
	342	076				8	342	241				108	
								0.40 mm.					
	+						~~-0. mm~~					- 8	Curvature Corr.=0.40 mm
							342	201				100	
							342	076					
							-	135					
					mm= "C"								
		1											
								- 0.014 mm= "C"					
							100	1.35					

76P526B CE # 306 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 90°

SURVEY BY G.E. DREHER WEATHER SUNNY INST. NO. 26716

NOTES BY SIEMANN DATE 3-29-71 TIME 9:45 TO 9:50 ROD NO. 25896

INDEXED F. S. TELLEZ DATE APR 22 71 NOTES CHKD DATE

F.B. 4109 Pg. 155

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	167	430	468	5	169 / 125	4	168	163	469	5	195 / 141	54	54 M- 4 M= 50 M=0.20 mm
2	117	962	418	5	119 / 115	4	117	283	418	5	144 / 90	54	54 M- 4 M= 50 M=0.20 mm
	285	392				8	285	446				108	
								040				8	
	+						-0.	mm					Curvature Corr.=0.40 mm
								406				100	
								392					
							-	014					

mm= "C"

/

$$\frac{-0.001}{100/\ 0.14}\ \text{mm} = \text{"C"}$$

76P526B CE # 308 8-59

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

SURVEY BY Rodriguez Dreiger WEATHER Windy INST. NO. 96716

NOTES BY F. S. Tellez DATE 3/13/71 TIME 0:9:00 ROD NO. 85-96

INDEXED DATE APR 22 NOTES CHKD DATE

F.B. 41109 Pg. 157

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	130	779	431	5	132 128	04	173	443	476	5	200 146	54	54 M- 4 M= 50 M=0.20 mm
2	153	316	454	5	155 151	04	110	659	411	5	137 83	54	54 M- 4 M= 50 M=0.20 mm
	284	095				08	284	102				108	
	284	062										-8	
	+	033					-0.40 mm					100	Curvature Corr.=0.40 mm
							284	062					
							-						

T Siemann

+ 0.0033 mm= "C"

100 | 0.330
300
300

mm= "C"

76P526B CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-74°

SURVEY BY Mr Idenado G.E. Dorrier DATE 4-1-71 WEATHER Sunny & Breezy TIME 9:20 ROD NO. 92796 INST. NO. 92776

NOTES BY

INDEXED F. S. TELLEZ DATE APR 22 71 NOTES CHKD DATE

F.B. 4109 PG. 159

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	840	456	5 157 153 4	104	809	405	5 131 77 54	54 M- 4 M=50 M=0.20 mm
2	157	362	458	5 159 155 4	208	402	509	5 235 181 54	54 M- 4 M=50 M=0.20 mm
	313	202		8	313	211		108	
	313	171			-0.40mm			8	Curvature Corr.=0.40 mm
	+	031			313	171		100	
		+0.003		mm= "C"					
	1001	0.310							
							mm= "C"		

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 = 76°

SURVEY BY G.F. DEEIER WEATHER SUNNY F.B. 4109 PG. 161

NOTES BY SIEMANN DATE 4-2-71 TIME 9:10 TO 9:20 INST. NO. 96716

INDEXED F.S. TELLEZ DATE APR 22 71 NOTES CHKD DATE ROD NO. 95696

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	139	112	440	5 141 137 4	166	965	467	5 193 139 54	54 M- 4 M= 50 M=0.20 mm
2	137	802	438	5 139 135 4	109	960	410	5 136 132 54	54 M- 4 M= 50 M=0.20 mm
	276	914		8	276	925		108	
		885				040		8	
	+	029			-0.	mm			Curvature Corr.=0.40 mm
					276	885		100	
					-				
		+0.003 029		mm= "C"					
	100	0.29							
							mm= "C"		

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

SURVEY BY G.E. DREIER DATE 4-5-71 WEATHER 77° CLEAR

NOTES BY G.E. DREIER TIME 9:10 INST. NO. 26716

INDEXED F. S. TELLEZ DATE APR 22 '71 NOTES CHKD DATE ROD NO. 95 & 96

F.B. 4109 : Pg. 63

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	163	231	4645	165 / 161 4	164	034	4655	191 / 137 54	54 M- 4 M= 50 M=0.20 mm
2	143	189	4445	145 / 141 4	142	301	4435	169 / 115 54	54 M- 4 M= 50 M=0.20 mm
	306	420		8	306	333		108	
	306	295				0.40 mm			
	+	125				~~0. mm~~		-8	Curvature Corr.=0.40 mm
						306	295	100	
		+0.012 mm= "C"							
	100	1.25							
							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 CLEAR

NOTES BY G.E. DREIER DATE 4-7-71 TIME UT, BR INST. NO. 98716

INDEXED F. S. TELLEZ DATE APR 22 '71 NOTES CHKD DATE ROD NO. 95 & 96

F.B. 4107 PG. 165

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	148	391	449	5 150 146 4	114	558	415	5 141 87 54	54 M- 4 M= 50 M=0.20 mm
2	145	188	446	5 147 143 4	179	244	480	206 152 54	54 M- 4 M= 50 M=0.20 mm
	293	579		8	293	802		108	
						0.40 m.m.			
	+					~~-0. mm~~		-8	Curvature Corr.=0.40 mm
					293	162		100	
						579			
					-	183			
				mm= "C"					
						-0.018 mm= "C"			SEE NEXT PAGE FOR REDETERMINATION OF "C"
						1.83			

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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F.B. 4109 PG. 166 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G. E. DREIER 4-7-71

INDEXED F. S. TELLEZ DATE

WEATHER CLEAR LT. WIND 72° INST. NO. 96716

TIME 12:30 ROD NO. 95 & 96

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
			RE DETERMINATION OF "C"						
	NEAR ROD				FAR ROD				
1	149	951	450 5	151 147 4	183	958	484 5	210 156 54	54 m. − 4 m = 50 m. = 0.20 mm
2	150	571	451 5	152 148 4	116	721	417 5	143 89 54	54 m. − 4 m. = 50 m. = 0.20 mm
				8				108	
	300	522			300	679			CURV. CORR. 0.40 mm
					~~300~~	0.40 mm		− 8	
								100	
					300	639			
					300	522			
						1.17 mm			
						−0.017 mm = "C"			
					100	1.17			

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.

OB NO. ~~0301.02~~ 0020.05 SURVEY OF L.A. CO. PRECISE LEVEL NET — EARTHQUAKE STUDIES

SURVEY BY G.E. DREIER — DATE 3-17-71 — WEATHER CLEAR 65° — LT. WIND — INST. NO. 26716

NOTES BY G.E. DREIER — DATE — TIME 8:50 TO 9:20 — ROD NO. 95 & 96

INDEXED F. S. TELLEZ — DATE MAR 22 71 — NOTES CHKD — DATE

F.B. 4109 PG. 167

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 60-38 TO B.M. 60-36B
B.M. 60-38							B.M. 60- (U.S.C.&G.S. & S.P. CO. 49 CH.C.)
1	88 432	389 5	115 61 54	178 187	479 5	205 151 54	R.R. & 12th ST.
							SEE F.B. 2839-29
2	216 917	517 5	240 192 48	87 754	388 5	111 63 48	
							T J. MALDONADO
3	206 727	507 5	244 102 168 76	123 741	424 5	160 102 86 74	
4	39 660	340 5	178 75 3 72	267 114	568 5	303 176 231 72	
5	63 558	364 5	250 102 24 78	212 530	513 5	252 248 172 80	
			328			328 ✓	
B.M. 60-36B						328	B.M. 60-36B
	615 294 ✓			869 326 ✓		656 ✓	NEWHALL AVE & 9th ST, & INT.
				615 294			SEE F.B. 3719-181
				254 032 ✓			

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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	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 60-36B TO 60-38
B.M. 60-36B.									B.M. 60-36B
1	203	788	504	5 237 169 68	69	772	370	5 104 34 70	NEWHALL AVE. & 9TH ST.
									SEE F.B. 3719-181
2	269	670	570	5 308 230 78	33	318	334	5 172 233 78	
				146				148	
3	137	698	438	5 168 106 62	228	235	529	5 261 195 66	
				208				214	T - DREIER
4	133	307	434	5 164 102 62	210	866	511	5 242 178 64	
				270				278	
5	146	803	447	5 176 116 60	95	232	396	5 122 68 54	
6				330 ✓				332 ✓	
B.M. 60-38								330	B.M. 60-38 (SP CO. U.S. C&G.S. 49CHC)
	891 266 ✓				637 323 ✓			662	S.P. R.R. & 12TH ST.
	637 323								SEE F.B. 2839-29
	+ 253 943 ✓								

WEATHER OVERCAST INST. NO. 76716

TIME 2:20 TO ROD NO. 95E9

NOTES CHKD. DATE

JOB NO. 60-20-05

SURVEY OF 2719-168 EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES SIEMANN 3-23-71

INDEXED F. S. TELLEZ 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.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 60-36B TO B.M. 60-36
B.M. 60-36B							B.M. 60-36B
1	136 564	437 5	170 / 102 68	202 260	503 5	236 / 168 68	NEWHALL AVE & 9th ST. & INT. SEE F.B. 3719-181
2	73 358	374 5	109 / 37 72	204 523	505 5	240 / 168 72	
3	137 762	438 5	160 140 / 44 46	51 417	352 5	74 140 / 28 46	J. MALDONADO
4	267 878	568 5	280 186 / 254 26	36 747	337 5	49 186 / 23 26	
5	298 943	599 5	298 212 / 280 36	33 844	334 5	49 212 / 17 32	
6	133 337	434 5	163 248 / 103 60	183 723	484	215 244 / 151 64	
			308 ✓			308 ✓	
B.M. 60-36						308	B.M. 60-36
	1047 842 ✓			712514 ✓		616 ✓	LYONS AVE & WAYMAN ST. F.B. 2839-27
	712 514						
	+335 328 ✓						

00205 EARTHQUAKE STUDIES

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

JRVEY BY G.E. DREIER DATE 3-17-76 WEATHER CLEAR. LTWIND 63° F.B. 4109 PG. 169

OTES BY G.E. DREIER TIME 9:20 TO 9:50 INST. NO. 96716

NDEXED F. S. TELLEZ DATE APR 22 NOTES CHKD DATE ROD NO. 95-96

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. 4109 PG. 170 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES SIEMANN 3-22-71

INDEXED P. S. TELLEZ DATE

WEATHER OVERCAST INST. NO. 96716

TIME 1:50 TO 2:15 ROD NO. 95E2

NOTES CHKD DATE

T = 74°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM. 60-36 TO BM. 60-36B
BM. 60-36									BM. 60-36
1	197	860	498 5	232 162 70	167	208	468 5	202 132 70	LYONS AVE. & WAYMAN ST.
									SEE F.B. 2839-27
2	27	866	328 5	40 14 26 96	284	171	585 5	296 272 24 94	
3	53	711	354 5	68 38 30 126	264	973	565 5	280 248 32 126	
4	115	111	416 5	141 89 52 178	191	242	492 5	216 166 50 176	T = DREIER
5	208	957	509 5	241 175 66 244	89	017	390 5	122 56 66 242	
6	206	522	507 5	236 176 60 304 V	148	920	449 5	179 117 62 304 V	
BM. 60-36B								304	BM. 60-36B
	810	027 V			1455	531 V		608 V	NEWHALL AVE. & 9TH ST.
					810	027			SEE F.B. 3719-181
					-335	504 V			

76P526B CE # 308 6/68

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. 60-36 TO B.M. 60-35A
B.M. 60-36							B.M. 60-36
1	149 119	450 5	186 112 74	144 434	445 5	181 107 74	LYONS AVE & WAYMAN ST. SEE F.B. 2839-27
2	113 054	414 5	152 74 78	141 009	442 5	180 102 78	
3	90 857	391 5	127 152 53 74	183 833	484 5	220 152 146 74	J. MALDONADO
4	159 253	460 5	196 226 122 74	150 282	451 5	187 226 113 74	
5	112 279	413 5	144 300 80 64	283 768	584 5	283 300 250 66	
6	89 189	390 5	113 364 65 48	251 722	552 5	278 366 224 54	
☆			412 ✓			420 ✓ 412	
	713 751 ✓			1155048 ✓		832 ✓	B.M. 60-35A
B.M. 60-35A				713 751			LYONS AVE & PEACHLAND AVE. SEE F.B. 3719-177
				441 297 ✓			

00 20.05

IB NO. 0501-02 SURVEY OF L.A. CO. PRECISE LEVEL NET

EARTHQUAKE STUDIES

JRVEY BY G.E. DREIER DATE 3-17-76 WEATHER CLEAR, LT. WIND 70° INST. NO. 96716

OTES BY G.E. DREIER DATE 3-17-76 TIME 9:50 TO 11:20 ROD NO. 95896

NDEXED F. S. TULLEZ DATE APR 22 NOTES CHKD DATE

F.B. 4109 PG. 171

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 4109 PG. 172 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES SIEMANN 3-23-71

INDEXED P. S. TELLEZ DATE

T = 74°

WEATHER OVERCAST INST. NO. 967

TIME 1:20 To 1:50 ROD NO. 95

NOTES CHKD. DATE

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 60-35A TO B.M. 60-36
B.M. 60-35A	3						B.M. 60-35A
1	258 194	559 5	285 231 54	57 229	358 5	84 30 54	LYONS AVE. & PEACHLAND AVE.
							SEE F.B. 3719-177
2	245 167	546 5	272 218 54 108	109 043	410 5	136 82 54 108	
3	139 200	440 5	177 101 76 184	133 345	434 5	172 94 78 186	
4	156 832	457 5	195 117 78 262	67 832	368 5	108 26 82 268	π = DREIER
5	172 611	473 5	216 128 88 350	135 108	436 5	176 94 82 350	
6	152 087	453 5	184 120 64 414 ✓	180 165	481 5	212 148 64 414 ✓	
B.M. 60-36						414	B.M. 60-36
	1124091 ✓			682722 ✓		828	LYONS AVE. & WAYMAN ST.
	682722						SEE F.B. 2839-27
	+441369 ✓						

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.

B NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — EARTHQUAKE STUDIES

JRVEY BY G.E. DREIER DATE 3-17-71 WEATHER CLEAR, LT. WIND INST. NO. 26716

OTES BY F. S. TELLEZ DATE APR 22 71 TIME 10:20 TO 10:45 ROD NO. 95 & 96

NDEXED DATE NOTES CHKD DATE

F.B. 4109 PG. 173

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 60-35A TO B.M. 60-34A
B.M. 60-35A							B.M. 60-35A
1	105221	406 5	137 73 64	216 299	517 5	249 183 66	LYONS AVE & PEACHLAND AVE., & SEE F.B. 3719-177
2	188234	489 5	231 145 86	134 419	435 5	178 90 88	
3	202 001	503 5	242 162 80 150	71 301	372 5	111 31 80 154	T R. SIEMANN
4	202 364	503 5	241 163 78 230	215 562	516 5	255 175 80 234	
5	240146	541 5	271 209 62 308	94000	395 5	122 66 56 314	
6	247 319	548 5	287 207 80 370	92 491	393 5	131 53 78 370	
7	215 943	516 5	248 182 66 450	111 240	412 5	145 77 68 448	
			516 ✓			516 ✓	
B.M. 60-34A						516	B.M. 60-34A
	1401 228 ✓			935312 ✓		1032 ✓	LYONS AVE & WILEY SEE F.B. 3719-175
	935312						
	+465916 ✓						

8020.05

68°

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F.B. 4109 Pg. 174 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 3-22-71

INDEXED F. S. TELLEZ DATE

WEATHER HAZE - BREEZE 75° INST. NO. 961

TIME 2:40 TO 3:15 ROD NO. 85

NOTES CHKD DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From B.M. 60-34A To B.M. 60-35A
B.M. 60-34A									B.M. 60-34A
1	108	980	409	5	188	100	489	5	Lyons Ave & Wiley Cn. Rd.
				135 / 81 / 54				213 / 163 / 50	See F.B. 3719-175
2	108	708	409	5	212	352	513	5	
				139 / 77 / 62				244 / 180 / 64	
3	93	667	394	5	266	373	567	5	⊼ R. Siemann
				126 / 60 / 116 / 66				298 / 234 / 114 / 64	
4	124	189	425	5	111	880	412	5	
				154 / 94 / 182 / 60				142 / 80 / 178 / 62	
5	140	990	441	5	209	739	570	5	
				167 / 113 / 242 / 54				236 / 182 / 240 / 54	
6	81	448	382	5	178	271	479	5	
				106 / 56 / 296 / 50				203 / 153 / 244 / 50	
7	138	700	439	5	169	329	470	5	
				162 / 114 / 346 / 48				193 / 145 / 344 / 48	
8	150	120	451	5	162	860	463	5	
				180 / 120 / 394 / 60				192 / 132 / 392 / 60	
9	191	310	492	5	105	193	406	5	
				223 / 159 / 454 / 64				137 / 73 / 452 / 64	
				518				516	
B.M. 60-35A								518	B.M. 60-35A
	1138	112			1604	097		1034	Lyons Ave & Peachland Ave., & int.
					1138	112			See F.B. 3719-177
					465	985			

76P526B CE # 308 8/68

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D020.05

JB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — EARTHQUAKE STUDIES

SURVEY BY G.E. DREIER — 73°

NOTES BY G.E. DREIER — DATE 3-17-71 — WEATHER CLEAR, LT. WIND — INST. NO 96716

INDEXED F.S. TELLEZ — DATE APR 22 71 — TIME 10:45 TO — ROD NO 95 & 96

NOTES CHKD — DATE

F.B. 4109 — PG. 175

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 60-34A TO B.M. 60-33A
B.M. 60-34A							B.M. 60-34A
1	176677	4775	217 135 82	56619	3575	91 21 70	LYONS AVE. & WILEY CN. RD
							SEE F.B. 3719-175
2	246690	5475	258 234 24	48853	3495	60 36 24	
3	278999	5795	288 268 20 106	13579	3145	24 2 22 94	R. SIEMANN
4	291191	5925	300 282 18 126	13921	3145	24 2 22 116	
5	292285	5935	302 282 20 144	12319	3135	24 0 24 138	
6	300950	6015	300 ½ 288 24 164	11879	3125	23 -1 24 162	
7	297451	5985	308 286 22 188	3042	3045	15 ½ 3 24 186	
8	299401	6005	299 ½ 288 22 210	17800	3185	27 7 20 210	
9	300901	6015	300 ½ 288 24 232	3661	3045	16 ½ 3 26 230	
10	246470	5475	252 240 12 256	137681	4385	143 131 12 256	
			268 ✓			268 ✓	
B.M. 60-33A						268	B.M. 60-33A
	2731015 ✓			319354 ✓		536 ✓	LYONS AVE. E. OF HWY 5
	319354						SEE F.B. 3719-172
	+3411661 ✓						

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

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F.B. 4109 PG. 176 JOB NO. 0020005

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 3-22-71

INDEXED F. S. TELLEZ DATE

WEATHER Hazy, Breeze INST. NO. 962

TIME 2:00 TO 2:40 ROD NO. 756

NOTES CHKD DATE

76°

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM BM.60-33A TO B.M. 60-34A
B.M. 60-33A											B.M. 60-33A
1	83	022	384 5	97 69	28	299	432	600 5	½ 299 ½ 288	22	Lyons Ave. E. of Hwy 5
											SEE F.B. 3719-173
2	14	538	315 5	24 4	20	299	829	600 5	½ 299 ½ 287	24	
3	15	998	316 5	25 5	48 20	297	039	598 5	½ 297 ½ 286	46 22	R. SIEMANN
4	10	812	311 5	21 −1	68 22	299	681	600 5	½ 299 ½ 288	68 22	
5	7	572	308 5	½ 16 7	90 18	280	501	581 5	289 271	90 18	
6	16	981	317 5	27 5	108 22	282	269	583 5	293 271	108 22	
7	7	688	308 5	½ 18 7	130 22	298	471	599 5	½ 298 ½ 288	130 20	
8	16	404	317 5	26 6	152 20	273	970	573 5	283 261	150 22	
9	25	260	326 5	44 6	172 38	209	063	510 5	228 190	172 38	
10	103	899	404 5	130 76	210 54	174	501	475 5	200 148	210 52	
					264					262	
B.M. 60-34A										264	B.M. 60-34A
	302	174				271	756			526	Lyons Ave & Wiley Cn. Rd.
						302	174				SEE F.B. 3719-175
					−	241	582				

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			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 60-33A TO B.M. 60-32C
B.M. 60-33A							B.M. 60-33A (
1	286 238	587 5	297 275 22	53 860	354 5	64 42 22	LYONS AVE, E. SIDE OF HWY 5
							SEE F.B. 3719 - 173
2	279 603	580 5	292 266 26	68 002	369 5	82 54 28	
			48			50	
3	292 712	593 5	292 270 44	36 461	337 5	58 14 44	π = DREIER
			92			94	
4	136 950	437 5	173 99 74	299 767	600 5	299 262 34	
			166 ✓			168 ✓	
B.M. 60-32C						166	B.M. 60-32C
	995503 ✓			458090 ✓		334 ✓	PICO CNY RD. & CHIQUELLA LN.
	458090						SEE F.B. 3719 - 172
	+ 537413 ✓						

0020.05 EARTHQUAKE STUDIES T-76

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

F.B. 4169 PG. 177

JRVEY BY G. E. DREIER DATE 3-17-71 WEATHER CLT. WIND INST. NO. 96716

OTES BY SIEMANN TIME 11 25 TO 11 45 ROD NO. 95 & 96

NDEXED F. S. TELLEZ DATE APR 22 '71 NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4109 PG. 178 JOB NO. 002005

SURVEY OF EARTH QUAKE STUDIES

SURVEY BY DREIER NOTES SIEMANN 3-22-71

INDEXED F. S. TELLEZ DATE

WEATHER LT. W IND INST. NO 767

TIME 1:45 TO 2:00 ROD NO 954

NOTES CHKD DATE

T = 74°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM. 60-32C TO BM. 60-33A
BM. 60-32C							BM. 60-32C
1	283 593	584 5	306 260 46	96 639	397 5	123 69 54	PICO CN. RD. & CHIQUELLA LN.
							SEE F.B. 3719-172
2	116 472	417 5	144 88 56 102	296 372	597 5	1296 1272 48	
3	10 237	311 5	35 10 50 152	298 926	599 5	1298 1272 52 102	T = DREIER
4	32020	333 5	47 17 30 182 ✓	287 695	588 5	302 272 30 154	
						184 ✓	
BM. 60-33A						182	BM. 60-33A
	442322 ✓			979632 ✓		366 ✓	LYONS AVE. E. OF HWY. 5
				442322			SEE F.B. 3719-173
				537310 ✓			

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS From B.M. 60-32C To 206-1
B.M. 60-32C							B.M. 60-32 C
1	30 230	331 5	55 30 50	298 680	599 5	298 279 38	PICO CN. RD. (LYONS AVE) W. OF Hwy 5
							SEE F.B. 3719-172
2	22590	323 5	36 8 28	298489	599 5	298 282 32	
			78			70	
3	5778	306 5	18 5 26	287376	588 5	308 267 41	T = DREIER
			104			111	
4	33057	334 5	46 20 26	258920	559 5	270 246 24	
			130			135	
5	101 678	402 5	138 64 74	43853	344 5	78 7 71	
			204 ✓			208 ✓	
						204	B.M. 206-1
B.M. 206-1	193333 ✓			1187318 ✓		410 ✓	PICO CN. RD. & DIRT RD. TO N.W.
				193333			SEE F.B. 3719-201
				993985 ✓			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — EARTHQUAKE STUDIES — 002005

SURVEY BY G.E. DREIER — T = 82°

NOTES BY F. S. TELLEZ — DATE 5-17-71 — WEATHER CLEAR, LT. WIND — INST. NO. 96716

INDEXED F. S. TELLEZ — DATE APR 22 '71 — TIME 1:00 TO 1:20 — ROD NO. 95896

NOTES CHKD — DATE

F.B. 4109 PG. 179

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Do not extend notes this side of this line.

F.B. 4109 PG. 18 JOB NO. 00 2025

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES SIEMANN 3-22-71

INDEXED F. S. TELLEZ DATE

T = 74°

WEATHER HAZY SUN INST. NO. 8671

TIME 1:20 TO 1:40 ROD NO. 8569

NOTES CHKD DATE

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 206-1 TO B.M. 60-32C
B.M. 206-1							B.M. 206-1
1	43 635	344 5	70 16 54	187558	488 5	214 160 54	PICO CN. RD. & DIRT RD. TO N.W.
							SEE F.B. 3719-201
2	252239	553 5	271 233 38	16 495	317 5	35 16 38	
3	277 262	578 5	290 264 26 92	37 083	338 5	50 24 26 92	
4	301 753	602 5	301 287 28 118	13 103	314 5	27 1 28 118	T = DREIER
5	279 852	580 5	293 265 28 146	36 964	307 5	51 21 30 146	
6	262 141	563 5	276 248 28 174	131 570	432 5	144 118 26 176	
			202	V		202 V	
B.M. 60-32C						202	B.M. 60-32C
	1416882 ✓			422773 ✓		404	PICO CN RD. & CHIQUELLA LN.
	422773						SEE F.B. 3719-172
	+ 994109 ✓						

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			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 206-1 TO B.M. 206-2
B.M. 206-1							B.M. 206-1
1	215 733	516 5	242 188 54	89 772	390 5	117 61 56	PICO CN. RD. & DIRT RD. TO N.W.
							SEE F.B. 3719-201
2	267 188	568 5	298 236 62	11 577	312 5	141 11 60	
			116			116	
3	283 535	584 5	283 250 66	120 800	421 5	152 88 64	
			182			180	T = DREIER
4	247 704	548 5	287 207 80	54 119	355 5	99 9 90	
			262			270	
5	199 282	500 5	217 181 36	54 221	355 5	69 39 30	
			298 ✓			300 ✓	
B.M. 206-2						298	B.M. 206-2
	213 442 ✓			330 489 ✓		598	PICO CN. RD. & L.A.CO.F.D. POLE #113-32
	330 489						SEE F.B. 3719-203
	+ 882 953 ✓						

JOB NO. 0001.05 EARTHQUAKE STUDIES

SURVEY BY G. E. DREIER DATE 3-17-71 WEATHER LT WIND INST. NO. 96716

NOTES BY SIEMANN TIME 1:25 TO 1:45 ROD NO. 95696

INDEXED F. S. TELLEZ DATE APR 22 '71 NOTES CHKD DATE

T = 80°

F.B. 4109 PG. 181

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. 4409 PG. 182 JOB NO. 00 20 05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES SIEMANN 3-22-71

INDEXED F. S. TELLEZ DATE

WEATHER HAZY SUN INST. NO. 96711

TIME 11:52 TO 12:05 ROD NO. 9689

NOTES CHKD. DATE

T = 70°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 206-2 TO B.M. 206-1
B.M. 206-2							B.M. 206-2
1	25541	326 5	49 ½ 25 48	208387	509 5	233 183 50	PICO CN. RD. & L.A.C.F.D. POLE #133-32
							SEE F.B. 3719-203
2	85225	386 5	114 56 58	227867	528 5	255 199 56	
						106	
3	130087	431 5	158 106 102 56	228899	529 5	256 200 56	
			162			162	T = DREIER
4	38090	339 5	63 13 50	286943	587 5	286 260 52	
			212			214	
5	73791	374 5	104 42 62	237183	538 5	267 207 60	
			274			274	
6	89230	390 5	101 77 24	135572	436 5	145 125 20	
			298 ✓			294 ✓	
						298	B.M. 206-1
B.M. 206-1						592	PICO CN. RD. & DIRT RD. TO N.W.
	441964 ✓			324851 ✓			SEE F.B. 3719-201
				441964			
				-882887 ✓			

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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B NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 80°

JRVEY BY G.E. DREIER WEATHER CL. WIND INST. NO. 96716

OTES BY S. LEFMANN DATE 3-17-71 TIME 1:45 TO 2:00 ROD NO. 95896

NDEXED S. TELLEZ DATE APR 22 '71 NOTES CHKD DATE

F.B. 4109 PG. 183

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 206-2 TO B.M. 206-3
B.M. 206-2							B.M. 206-2
1	223 420	524 5	250 196 54	28060	329 5	55 1 54	PICO CN. RD. & L.A.CO.F.D. POLE # 133-32
							SEE F.B. 3719-203
2	232 507	533 5	261 203 58	32 320	333 5	61 3 58	
			112			112	
3	266 005	567 5	301 231 70	106 741	407 5	141 71 70	
			182			182	
4	221 391	522 5	249 193 56	171 108	472 5	199 143 56	T = DREIER
			238			238	
5	175 692	476 5	185 165 20	95 184	396 5	105 85 20	
			258 ✓			258 ✓	
B.M. 206-3						258	B.M. 206-3 (FC 128-21180)
	119 015 ✓			433 413 ✓		516	PICO CN. RD. & L.A.CO.F.D. POLE # 133-42
	433 413						SEE F.B. 3719-205
	685 602 ✓						

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F.B. 4109 PG. 184 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES SIEMANN 3-22-71

INDEXED F. S. TELLEZ DATE

NOTES CHKD DATE

WEATHER LT. WIND INST. NO. 967

TIME 11:25 TO 11:50 ROD NO. 929

T = 70°

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 206-3 TO B.M. 206-2
B.M. 206-3							B.M. 206-3
1	105 793	406 5	132 78 54	192 670	493 5	219 165 54	PICO CN. RD. 1.0 MI. W. OF HWY. 5
							SEE F.B. 3719-205
2	68 078	369 5	95 41 54	186 265	487 5	213 159 54	
			108			108	
3	47 788	348 5	81 13 68	291 489	592 5	291 256 70	
			176			178	
4	73 768	374 5	106 40 66	299 389	600 5	299 271 56	T = DREIER
			242			234	
5	123 100	4245	130 116 44	134 277	435 5	145 123 22	
			256 ✓			256 ✓	
B.M. 206-2						256	B.M. 206-2
	418527 ✓			1104090 ✓		512	PICO CN RD. 0.4 MI. W. OF HWY. 5
				418 527			SEE F.B. 3719-203
				685563 ✓			

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 206-3 TO B.M. 206-4
B.M. 206-3									B.M. 206-3
1	199	650	500	5 226 172 54	54	591	3555	81 27 54	PICO CN. RD. & L.A.C.F.D. POLE # 133-42
									SEE F.B. 3719-205
2	244	618	5455	266 222 44	43	602	3445	66 20 46	
3	195	398	4965	199 98 191 8 106✓	110	091	4115	113 10 0 107 6 106✓	⊼ J. MALDONADO
B.M. 206-4								106	B.M. 206-4 (F.C. 128-21230)
	639	666✓			208	284✓		212	PICO CN RD. 1.1 mi. W. OF Hwy. 5
	208	284							SEE F.B. 3719-207
	+431	382✓							

00205

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

SURVEY BY G. E. DREIER — WEATHER CLEAR, LT. WIND 85° — F.B. 4109 PG. 185

NOTES BY G. E. DREIER — DATE 3-17-76 — TIME 2:00 TO 2:15 — INST. NO. 26716

INDEXED F. S. TELLEZ — DATE 3-22-76 — NOTES CHKD — DATE — ROD NO. 25896

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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 206-4 TO B.M. 206-3
B.M. 206-4									B.M. 206-4 (F.C. 128-21230
1	15	458	316 5	31 / 2 15 32	240	136	541 5	256 / 224 32	PICO CN. RD. 1.1 mi. W. of HWY. 5
									SEE F.B. 3719-207
2	38	348	339 5	70 / 6 64	287	340	588 5	287 / 255 64	
				96				96	
3	15	803	452 5	153 / 148 5	109	475	410 5	111 / 106 5	
				101				101	
B.M. 206-3								101	B.M. 206-3
	205	609			636	951		202	PICO CN. RD. 1.0 mi. W. of HWY. 5
					205	609			SEE F.B. 3719-205
					431	342			

WEATHER Hazy & sunny INST. NO. 96716

TIME 11:10 TO 11:20 ROD NO. 96896

DATE

NOTES CHKD

T = 70°

F.B. 4109 PG. 186 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES SIEMANN 3-22-71

INDEXED F. S. TELLEZ DATE

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 — 0020.05 EARTHQUAKE STUDIES

SURVEY BY G.E. DREIER DATE 3-17-71 WEATHER 78° C

NOTES BY G.E. DREIER TIME 2:15 INST. NO. 96716

INDEXED F. S. TELLEZ DATE APR 22 71 NOTES CHKD DATE ROD NO. 95896

F.B. 4109 PG. 187

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 206-4 TO B.M. 206-5
B.M. 206-4							B.M. 206-4 (F.C. 128-21230)
1	228058	529 5	260 / 196 64	10 504	311 5	41 / ½ 10 62	PICO CN. RD., 1.1 mi. W. of Hwy 5
							SEE F.B. 3719-207
2	231077	532 5	256 / 206 50	92 711	393 5	118 / 66 52	
3	295597	596 5	295 114 / ½ 264 62	15 091	316 5	44 114 / ½ 15 58	↑ J. MALDONADO
4	282093	583 5	307 176 / 257 50	32 652	333 5	57 172 / 7 50	
5	187 770	488 5	215 226 / 159 56	67 607	368 5	97 222 / 37 60	
6	225 782	526 5	247 282 / 203 44	67 698	368 5	89 282 / 45 44	
7	293578	594 5	293 326 / ½ 278 30	4 609	305 5	19 326 / ½ 4 30	
8	300 785	601 5	300 356 / ½ 288 24	8 859	309 5	20 356 / ½ 8 24	
9	300 958	601 5	300 380 / ½ 287 26	6 814	307 5	23 380 / ½ 6 34	
10	191 808	491 5	216 406 / 166 50	195 791	496 5	215 414 / 175 40	
			456 ✓			454 ✓	
B.M. 206-5						456	B.M. 206-5
	2537506 ✓			502336 ✓		910 ✓	PICO CN. RD., 1.2 mi. W. of Hwy 5
	502336						SEE F.B. 2719-209
	+2035170 ✓						

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 4109 Pg. 188 JOB NO. 0620.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES SIEMANN 3-22-71

INDEXED F. S. TELLEZ DATE

T = 74°

WEATHER HAZY SUN INST. NO. 26716

TIME 10:30 TO 11:10 ROD NO. 25896

NOTES CHKD DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 206-5 TO B.M. 206-4
B.M. 206-5									B.M. 206-5 PICO CN. RD. & 1.7 MI. W. OF HWY 5 SEE F.B. 3719-209
1	221	595	522	5 246 196 50	250	143	551	5 277 223 54	
2	26	799	327	5 40 12 28	296	424	597	5 307 285 22	
3	4	851	305	5 ½ 15 4 22 78	290	642	591	5 301 279 22 78	
4	20	925	321	5 32 8 24 100	276	690	577	5 289 263 26 100	T = DREIER
5	60	351	361	5 72 48 24 124	190	237	491	5 202 178 24 126	
6	133	332	434	5 149 117 32 148	213	001	514	5 229 197 32 150	
7	99	264	400	5 125 73 52 180	206	402	507	5 231 181 50 182	
8	39	896	340	5 67 11 56 232	279	153	580	5 306 252 54 232	
9	3	005	304	5 ½ 30 3 54 288	281	088	582	5 ½ 281 254 54 286	
10	77	190	378	5 109 45 64 342	259	257	560	5 290 228 62 340	
11	30	169	331	5 54 6 48 406	209	715	510	5 237 183 54 402	
				454 ✓				454 ✓	
B.M. 206-4								454	B.M. 206-4 (F.C. 128-21230)
	717	377 ✓			2752	752 ✓		908	PICO. CN. RD. 1.1 MI. W. OF HWY. 5 SEE F.B. 3719-207
					717	377			
					- 2035	375 ✓			

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 — 0020.05 EARTHQUAKE STUDIES

SURVEY BY G.E. DREIER — DATE 3-18-71 — WEATHER 66° CLEAR VERY WINDY — INST. NO. 96716

NOTES BY G.E. DREIER — TIME 1:50 — ROD NO. 95896

INDEXED F.S. TELLEZ — DATE APR 22 71 — NOTES CHKD — DATE

F.B. 4109 PG. 189

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 206-5 TO B.M. 206-6
B.M. 206-5							B.M. 206-5
1	190 639	491 5	216 52 164	45 528	346 5	71 19 52	PICO CN. RD. 1.7 M. W. OF HWY 5
							SEE F.B. 3719-209
2	288 793	589 5	1 288 2 265 46 98	9 298	310 5	1 33 2 9 48 100	
3	286 049	587 5	304 268 36	44 349	345 5	62 26 36	
4	164 978	465 5	197 131 66 200	48 247	349 5	79 17 62 136	J. MALDONADO
5	253611	554 5	276 230 46 246	5 804	305 5	1 30 2 5 50	
6	213 719	514 5	239 187 52	36 497	337 5	64 8 56 248	
7	212 867	573 5	228 196 32 298	76 051	377 5	90 62 28 304	
			330			332	
B.M. 206-6						330	B.M. 206-6
	1610656			265774		662	PICO CN. RD., 2.1 MI. W. OF HWY 5
	265774						SEE F.B. 3719-211
	+1344882						

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4109 Pg. 190 JOB NO. 0020.02

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES DREIER 3-22-71

INDEXED F. S. TELLEZ DATE

WEATHER HAZE INST. NO. 96716

TIME 9:45 TO ROD NO. 95 E96

NOTES CHKD DATE

62°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M.206-6 TO B.M.206-5
B.M.206-6							B.M.206-6
1	44 999	345 5	½ 44 52	282 263	583 5	256 52	PICO CN.RD., 2.1 mi. W. of Hwy.5 SEE F.B. 3719 - 211
2	105 591	406 5	81 48	255 910	556 5	231 48	
3	5 530	306 5	½ 5 48	283 082	584 5	½ 254 58	R. SIEMANN
4	109 430	410 5	85 48	123 491	424 5	103 40	
5	14 881	315 5	½ 14 42	294 209	595 5	½ 273 42	
6	54 419	355 5	34 40	296 966	597 5	½ 276 40	
7	57 051	358 5	37 40	233 595	534 5	212 42	
8	155 071	456 5	150 10	122 690	423 5	119 6	
B.M.206-5							B.M.206-5
	546 972			1892 206 ✓		656	PICO CN.RD. 1.7 mi. W. of Hwy.5 SEE F.B. 3719-209
				546 972			
				-1350 234 ✓			

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~~ 002.0.05 EATHQUAKE STUDIES T=54°

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 3-25-71 WEATHER OVERCAST INST. NO 96716

INDEXED F. S. TELLEZ DATE APR 22 TIME 9.25 TO 9.50 ROD NO 85196

NOTES CHKD DATE

F.B. 4109 PG. 191

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 206-5 TO BM 206-6
B.M. 206-5							B.M. 206-5
1	190 760	491 5	219 161 58	3 525	304 5	130 3 54	PICO CN. RD. 1.7 MI. W. OF HWY. 5
							SEE F.B. 3719-209
2	290 623	591 5	1290 270 40	44 955	345 5	166 22 44	
							98
3	291 629	592 5	291 272 38	56 462	357 5	76 36 40	
							138
4	177 761	478 5	209 145 64	32 782	333 5	66 -2 68	RERUN
							206
5	300 792	601 5	300 272 56	47 391	348 5	73 21 52	T = DREIER
							258
6	246 763	547 5	276 216 60	52 162	353 5	82 22 60	
							318
7	183 412	484 5	190 176 14	99 769	400 5	105 93 12	
			330			330 ✓	
B.M. 206-6						330	B.M. 206-6
	681 780			337 046 ✓		660	PICO CN. RD. 2.1 MI. W. OF HWY. 5
	337 046						SEE F.B. 3719-211
	+ 1 344 734						

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F.B. 4109 PG. 192 JOB NO. 0020.05

SURVEY OF EARTH QUAKE STUDIES

SURVEY BY DEFLER NOTES SIEMANN 3-25-71

INDEXED F. S. TELLEZ DATE

WEATHER OVERCAST INST. NO. 96716

TIME 10:30 TO 10: ROD NO. 95896

NOTES CHKD DATE

T=54°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From B.M. 206-6 To B.M. 206-5
B.M. 206-6							B.M. 206-6
1	33 692	334 5	54 33 42	249170	550 5	270 228 42	PICO CN. RD. 2.1 MI. W. OF HWY. 5
							SEE F.B. 3719-211
2	104 843	405 5	134 74 60	300 840	601 5	300 268 64	
			102			106	
3	26 510	327 5	49 3 46	258 578	559 5	281 235 46	
			148			152	
4	112 522	413 5	140 84 56	176 102	477 5	202 150 52	RERUN
			204			204	
5	6 488	307 5	25 6 38	274238	575 5	293 255 38	T DREIER
			242			242	
6	44817	345 5	66 22 44	287 442	588 5	287 265 44	
			286			286	
7	68960	369 5	82 54 28	213 740	514 5	227 199 28	
			314			314	
8	159756	460 5	167 151 18	142436	443 5	150 134 16	
			332			330	
						332	B.M. 206-5
B.M. 206-5						662	PICO CN. RD. 1.7 MI. W. OF HWY. 5
	557588			962546			SEE F.B. 3719-209
				557588			
				344958			

76P526B CE # 308 8/68

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

SURVEY BY G.E. DREIER — DATE 3-18-71 — WEATHER VERY WINDY 67° CLEAR — INST. NO. 96716 — F.B. 4109 — PG. 193

NOTES BY F. S. TELLEZ — TIME 2:20 — ROD NO. 95896

INDEXED — DATE APR 22 '71 — NOTES CHKD — DATE

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 206-6 TO B.M. 206-7
B.M. 206-6							B.M. 206-6
1	218 401	519 5	252 184 68	7 251	308 5	234 27 54	PICO CN. RD. 2.1 mi. W. of Hwy 5
							SEE F.B. 3719-211
2	295 025	596 5	295 277 36	52 901	353 5	76 28 48	
							TT R. SIEMANN
3	273 480	574 5	304 242 62	8 702	309 5	39 28 102	
4	245 356	546 5	265 225 40	44 174	345 5	64 24 164	
5	299 489	600 5	299 280 38	58 021	359 5	77 39 40	
6	285 519	586 5	298 272 26	55 470	356 5	67 43 24	
7	198 060	499 5	202 194 8	86 130	387 5	91 81 10	
			278			276	
B.M. 206-7						278	B.M. 206-7 (POTRERO CN. RD.)
	1815330			312649		554	PICO CN. RD. & ENTRANCE TO SUN OIL CO.
	312649						SEE F.B. 3719-213
	+1502681						

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F.B. 4109 Pg. 194 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES DREIER 3-22-71

INDEXED F. S. TELLEZ DATE

INST. NO. 96716

ROD NO. 95892

DATE

WEATHER CLEAR 62°

TIME 7:11 to 9:45

NOTES CHKD

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 206-7 TO BM. 206-6
B.M. 206-7									B.M. 206-7
1	19 829		320 5	26 12 14	224 602		525 5	230 218 12	PICO CN RD. & POTRERO RD (PIPE)
									SEE F.B. 3719-213
2	10 721		311 5	27 ½ 10 34	237 310		538 5	255 219 36	
3	11 540		312	34 ½ 11 46 48	294 983		595 5	294 ½ 274 40 48	T R. SIEMANN
4	56 650		357 5	75 37 38 94	253 195		554 5	274 232 42 88	
5	12 107		313 5	37 ½ 12 50 132	200 217		501 5	225 175 50 130	
6	5 621		306 5	30 ½ 5 50 182	298 044		599 5	298 ½ 274 48 180	
7	70 337		371 5	90 50 40 232	181 499		482 5	202 160 42 228	
				272				270	
B.M. 206-6								272	B.M. 206-6
	186 805				1689 850			542	PICO CN. RD., 2.1 MI. W. OF HWY. 5
					186 805				SEE F.B. 3719-211
					1503 045				

76P528B CE # 308 8/68

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

SURVEY BY G. E. DREIER — DATE 3-25-71 — WEATHER OVERCAST 52° — INST. NO. 96716

NOTES BY F. S. TELLEZ — DATE APR 22 71 — TIME 9:50 TO 10:15 — ROD NO. 95 & 96

INDEXED — DATE — NOTES CHKD — DATE

F.B. 4109 PG. 195

RERUN

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 206-6 TO B.M. 206-7
B.M. 206-6							B.M. 206-6
1	207 792	508 5	232 182 50	29 221	330 5	56 2 54	PICO CN RD, 2.1 mi. W. of Hwy 5
							SEE F.B. 3719-211
2	299 862	600 5	299 ½ 277 ~~44~~	73 245	374 5	96 50 46	
3	273 163	574 5	299 94 247 52	21 811	322 5	100 ½ 45 21 48	RERUN
							T R SIEMANN
4	236 321	537 5	256 146 216 40	83 850	384 5	102 64 148 38	
5	295 473	596 5	295 186 277 36	20 459	321 5	38 2 186 36	
6	255 591	556 5	278 222 232 46	8 005	309 5	29 ½ 8 222 42	
7	245 402	546 5	250 268 240 10	74 030	375 5	81 67 264 14	
			278			278	
	1813604			310621		278 556	
B.M. 206-7	310621						B.M. 206-7
							PICO CN RD. & POTRERO CN RD.
	+1502983						SEE F.B. 3719-213

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — EARTHQUAKE STUDIES — 00020.05

SURVEY BY G. E. DREIER — DATE 3-25-71 — WEATHER OVERCAST 55° — INST. NO. 96716

NOTES BY F. S. TELLEZ — TIME 1:00 PM — ROD NO. 95896

INDEXED — DATE APR 22 '71 — NOTES CHKD — DATE

F.B. 41109 PG. 197

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 206-7 TO B.M. 206-8
B.M. 206-7							B.M. 206-7
1	178 915	479 5	188 / 168 20	12 092	313 5	21 / 3 18	PICO CN RD. & POTRERO CN RD
							SEE F.B. 3719-213
2	301 971	602 5	301 / ½ 294 14	11 119	312 5	19 / 3 16	
3	297 208	598 5	303 / 291 12 34	11 661	312 5	17 / 5 12 34	T R. SIEMANN
4	297 530	598 5	303 / 291 12 46	33 600	334 5	38 / 28 10 46	
5	295 319	596 5	302 / 288 14 58	6 921	307 5	13 / ½ 6 14 56	
6	292 580	593 5	299 / 285 14 72	5 589	306 5	13 / ½ 5 16 70	
7	282 689	583 5	289 / 275 14 86	8 246	309 5	16 / 0 16 86	
8	298 731	599 5	305 / 291 14 100	4 462	305 5	11 / ½ 4 14 102	
9	291 951	592 5	298 / 284 14 114	22 489	323 5	29 / 15 14 116	
10	281 250	582 5	288 / 274 14 128	7 689	308 5	14 / 0 14 130	
11	300 521	601 5	307 / 293 14 142	10 401	311 5	16 / 4 12 144	
12	299 218	600 5	306 / 292 14 156	16 381	317 5	22 / 10 12 156	
13	301 599	602 5	301 / 294 14 170	45 435	346 5	53 / 37 16 168	
	3719482 ✓		184	196 085		184	

CONT.

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F.B. 4109 PG. 198 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 3-25-71

INDEXED F. S. TELLEZ DATE

WEATHER OVERCAST INST. NO. 26716

TIME 1:06 PM ROD NO. 25896

NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 206-7 TO B.M. 206-8
	3719	482		184	19~~5~~6	085		184	
14	171	955	472 5	179 163 16 200	148	071	449 5	156 140 16 200 200	
B.M. 206-8	3891	437			34~~8~~4	156		400	B.M. 206-8 POTRERO CN. RD. AT SUMMIT SEE F.B. 3719-215
	34~~8~~4	156							
	+ 354~~8~~7	281							

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — EARTHQUAKE STUDIES — 00 20 05

SURVEY BY G.E. DREIER — WEATHER OVERCAST 54°

NOTES BY G.E. DREIER — DATE 3-25-71 — TIME 11:16 — INST. NO. 96716

INDEXED F. S. TELLEZ — DATE APR 22 71 — NOTES CHKD — DATE — ROD NO. 95896

F.B. 4109 PG. 199

STATION	BACKSIGHT Right	Mic.	Left	Mic.	Stadia	FORESIGHT Right	Mic.	Left	Mic.	Stadia	DESCRIPTION AND REMARKS
											FROM B.M. 206-8 TO B.M. 206-7
B.M. 206-8											B.M. 206-8
1	129	813	430	5	140 118 22	265	732	566	5	276 254 22	POTRERO CNRD AT SUMMIT
											SEE F.B. 3719-215
2	19	640	320	5	26 12 14	300	080	601	5	1/2 300 293 14	
					36					36	
3	3	902	304	5	1/2 10 3 14	299	568	600	5	1/2 299 292 14	π R. SIEMANN
					50					50	
4	3	313	304	5	1/2 10 3 14	298	390	599	5	1/2 298 291 14	
					64					64	
5	22	211	323	5	29 15 14	269	828	570	5	276 262 14	
					78					78	
6	7	892	308	5	1/2 14 0 14	297	049	598	5	304 290 14	
					92					92	
7	8	421	309	5	15 1 14	287	820	588	5	294 280 14	
					106					106	
8	12	181	313	5	20 4 16	301	660	602	5	1/2 301 293 16	
					122					122	
9	23	179	324	5	30 16 14	299	908	600	5	1/2 299 292 14	
					136					136	
10	3	561	304	5	1/2 10 3 14	300	235	601	5	1/2 300 293 14	
					150					150	
11	5	287	306	5	1/2 11 5 12	235	189	536	5	242 228 14	
					162					164	
12	13	832	314	5	20 6 14	290	459	591	5	296 284 12	
					176					176	
13	14	050	315	5	21 7 14	298	208	599	5	1/2 306 290 16	
					190					192	
	267	282				374	126				

CONT.

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F.B. 4109 PG. 200 JOB NO. 00 20.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY F. S. TELLEZ NOTES

INDEXED DATE

WEATHER OVERCAST INST. NO.

TIME ROD NO.

NOTES CHKD DATE

5

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM BM-206-8 TO B.M. 206-7
	267 282			CON	3744126				
14	75 323	3765	82 68	190 14	145 620	4465	151 139	192 12	
				204				204	
								204	
	342 605				3889 746			408	
B.M. 206-7					342 605				B.M. 206-7
									PICO CN. RD. & POTRERO CN. RD.
									SEE F.B. 3719-213
				-	3547 141				

76P526B CE # 308 8/68

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JOB NO. ~~0301.02~~ 0020.05 SURVEY OF L.A. CO. PRECISE LEVEL NET — EARTHQUAKE STUDIES

SURVEY BY G.E. DREIER — WEATHER OVERCAST — INST. NO. 96716 — T = 60°

NOTES BY SIEMANN — DATE 3-25-71 — TIME 2:30 TO 3:30 — ROD NO. 95896

INDEXED F. S. TELLEZ — DATE APR 22 71 — NOTES CHKD — DATE

F.B. 4109 PG. 201

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From B.M 206-8 To B.M. 206-9
BM.206-8							B.M. 206-8
1	3 318	304 5	½ 12 3 18	297 037	598 5	306 288 18	POTRERO CN. SUMIT 0.25 MI. N. OF PICO CN. RD. WELL # 7
2	12 432	313 5	18 6 12 30	288 000	589 5	294 282 12 30	SEE F.B. 3719-215
3	9 640	310 5	14 4 10 40	299 837	600 5	305 293 12 42	
4	4 968	305 5	½ 11 4 14 54	294 723	595 5	301 287 14 56	
5	6 717	307 5	13 -1 14 68	299 696	600 5	306 292 14 70	
6	17 772	318 5	25 9 16 84	295 999	596 5	303 287 16 86	
7	14 183	315 5	20 8 12 96	297 166	598 5	303 291 12 98	T = DREIER
8	10 702	311 5	16 4 12 108	269 122	570 5	273 265 8 106	
9	20 372	321 5	25 15 10 118	297 042	598 5	302 292 10 116	
10	4 980	305 5	9 -1 10 128	249 790	550 5	253 243 12 128	
11	11 345	312 5	17 5 12 140	298 923	599 5	304 292 12 140	
12	13 847	314 5	18 8 10 150	300 616	601 5	305 295 10 150	
13	3 702	304 5	½ 10 3 14 164	297 444	598 5	303 291 12 162	CON'T.
	133978			3785395			

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F.B. 4109 PG. 202 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES SIEMANN 3-25-71

INDEXED F. S. TELLEZ DATE

T = 60°

WEATHER OVERCAST INST. NO. 76716

TIME 2:30 TO 3:30 ROD NO. 95296

NOTES CHKD. DATE

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From B.M. 206-8 To B.M. 206-9
	133 978		164	3785 395		162	
14	16 068	317 5	23 9 14	295 132	596 5	302 288 14	CON'T.
			178			176	
15	3 507	304 5	10 ½ 3 14	295 317	596 5	301 289 12	
			192			188	T = DREIER
16	30 083	331 5	36 24 12	293 332	594 5	300 286 14	
			204			202	
17	10 961	311 5	18 2 16	297 195	598 5	305 289 16	
			220			218	
18	8 732	309 5	17 -1 18	226 675	527 5	236 216 20	
			238			238	
19	206 232	507 5	223 189 34	201 413	502 5	218 184 34	
			272 ✓			272 ✓	
B.M. 206-9		3				272	B.M. 206-9
	409 561 ✓		53	794 459 ✓		544	POTRERO CN. RD. 0.5 MI. N.
				409 561			OF PICO CN. RD. AT. OIL WELL
				384 898 ✓			SEE F.B. 3719 - 217
				- 49			

76P526B CE # 308 8/68

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JOB NO. ~~0001.02 SURVEY OF L.A. CO. PRECISE LEVEL NET~~ 0020.05 EARTHQUAKE STUDIES T-78

SURVEY BY G. E. DREIER

NOTES BY SIEMANN DATE 4-2-71 WEATHER SUNNY INST. NO. 96716

INDEXED F. S. TELLEZ DATE APR 22 71 TIME 10:45 ROD NO. 5-496

NOTES CHKD DATE

F.B. 4109 PG. 203

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From B.M. 206-9 To B.M. 206-8
B.M. 206-9	° ′ ″			° ′ ″			B.M. 206-9
1	162 162	463 5	184 / 140 44	151 480	452 5	173 / 129 44	POTRERO ON RD. 1.0 MI. N. OF PICO ON RD. SEE F.B. 3719-217
2	294 241	595 5	304 / 284 20	3 399	304 5	½ 13 / 3 20	
			64			64	
3	294 038	595 5	294 / 286 16	8 115	309 5	16 / 0 16	
			80			80	
4	292 138	593 5	300 / 284 16	8 539	309 5	½ 16 / 8 16	
			96			96	
5	279 850	580 5	285 / 273 12	16 038	317 5	24 / 8 16	
			108			112	
6	285 774	586 5	292 / 278 14	8 067	309 5	15 / 1 14	T = MALDONADO
			122			126	
7	284 760	585 5	289 / 279 10	8 475	309 5	13 / 3 10	
			132			136	
8	291 554	592 5	296 / 286 10	11 131	312 5	16 / 6 10	
			142			146	
9	297 843	598 5	302 / 292 10	15 300	316 5	20 / 10 10	
			152			156	
10	278 913	579 5	282 / 274 8	18 461	319 5	23 / 13 10	
			160			166	
11	257 978	558 5	261 / 253 8	37 794	338 5	41 / 33 8	
			168			174	
12	293 252	594 5	298 / 288 10	52 830	353 5	55 / 49 6	
			178			180	
	3312503			339629			

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F.B. 4109 Pg. 204 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES SIEMANN 4-2-71

INDEXED ~~F. S.~~ TELLEZ DATE

T = 78

WEATHER SUNNY INST. NO. 56716

TIME 10:45 TO ROD NO. 55856

NOTES CHKD DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 206-9 TO B.M. 206-8
	3312	503		282 178	339	629		180	B.M. 206-9 CON'T.
13	277	898	578 5	272 10	46	137	347 5	50 42 8	
				188				188	
14	284	501	585 5	291 277 14	28	859	329 5	35 21 14	
				202				202	
15	253	118	554 5	260 246 14	5	308	306 5	12 5 14	
				216				216	
16	290	912	591 5	297 283 14	6	977	307 5	13 6 14	
				230				230	T = MALDONADO
17	291	160	592 5	298 284 14	9	380	310 5	15 3 12	
				244				242	
18	289	479	590 5	294 284 10	11	224	312 5	17 5 12	
				254				254	
19	297	340	598 5	304 290 14	18	774	319 5	25 11 14	
				268				268	
20	272	082	573 5	277 267 10	117	882	418 5	122 112 10	
				278 ✓				278 ✓	
B.M. 206-8								278	B.M. 206-8
	5568	993 ✓			584	170 ✓		556 ✓	POTRERO CN. RD. 0.5 MI. N. OF
	584	170							PICO CN. RD.
	+4984	823 ✓							SEE F.B.

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 — EARTHQUAKE STUDIES — 0020.05

SURVEY BY G.E. DREIER — WEATHER CLEAR 82°

NOTES BY G.E. DREIER — DATE 3-29-71 — TIME 10:00 — INST. NO. 96716

INDEXED F. S. TELLEZ — DATE APR 22 71 — NOTES CHKD — DATE — ROD NO. 35 & 36

F.B. 4109 PG. 205

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 206-9 TO B.M. 206-16
B.M. 1	167 482	4685	189 145 44	154 880	4555	177 131 46	B.M. 206-9 POTRERO CN. RD., 0.5 mi. N. OF PICO CN. RD. SEE F.B. 3719-217
2	19149	3205	35 3 32	299 702	6005	½ 299 2 285 28	
3	10992	3115	18 2 76 16	298 321	5995	308 288 74 20	⊼ R. SIEMANN
4	17 220	318 5	26 8 92 18	293 750	5945	302 284 94 18	
5	22 242	323 5	30 14 110 16	280 310	5815	288 272 112 16	
6	10 458	311 5	19 1 126 18	289 979	5905	298 280 128 18	
7	25 800	326 5	33 17 144 16	289 999	5905	297 281 146 16	
8	12 400	3135	21 3 160 18	299 969 ~~967~~	600 ~~600~~ ~~290~~ 5	299 290 162 18	
9	16 825	3175	25 7 178 18	295 690	5965	304 286 180 18	
10	12 242	3135	23 1 196 22	300 340	6015	½ 300 2 288 198 24	
11	9 261	310 5	½ 23 2 9 218 28	268 111	5695	282 254 222 28	
12	11 468	312 5	½ 25 2 11 246 28	297 669	5985	308 286 250 22	
	335539		274	336720		272	

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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.

F.B. 4109 PG. 206 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES S.E. DREIER

INDEXED F. S. TELLEZ DATE

WEATHER CLEAR TIME 10:00 TO 11:00 NOTES CHKD DATE

INST. NO. 96716 ROD NO. 95 EA

89°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 206-9 TO B.M. 206-10
	335 539		274	CONT. 3368 720		272	
13	9502	310 5	19 −1 20	295 500	5965	305 285 20	
14	19677	320 5	29 9 294 20	289 882	590 5	301 271 292 24	
15	20300	3215	32 8 314 24	284 899	585 5	298 270 316 28	
16	20929	3215	36 4 338 32	291 782	592 5	306 276 344 30	
17	128 038	4295	133 123 390 10	144 223	445 5	148 140 374 8	
			380			382	
B.M. 206-10						380	B.M. 206-10
	533 985			4675 806		~~764~~ 762	POTRERO CN. RD. & 1.05 MI. N.W. OF PICO CN RD. AT CATTLE GAURD
				533 985			SEE F.B. 3719-219
				−4141 021			

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~~ 0020.05 EARTHQUAKE STUDIES SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN/DONNELLY DATE 4-2-71 WEATHER SUNNY/CALM TIME 9:45 TO 10:45 INST. NO. 96716 ROD NO. 95896

INDEXED F. S. TELLEZ DATE APR 22 71 NOTES CHKD. DATE

T = 78°

F.B. 4109 PG. 207

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 206-10 TO B.M. 206-9
B.M. 206-10	7 5 7 7 5				7 6 8 4				B.M. 206-10
1	293970		594 5	293 / 276 34	52 191		353 5	69 / 35 34	POTRERO CN RD. 1.5 MI. N. OF PICO
									CN. RD AT CATTLE GAURD
2	299174		600 5	299 / 284 30	7 090		308 5	21 / 7 28	SEE F.B. 3719-219
								62	
3	294 532		595 5	305 / 283 22	9 176		310 5	22 / 9 26	
				64					
4	301 238		602 5	301 / 293 16	15 351		316 5	24 / 6 18	
				86				88	
5	291 830		592 5	301 / 281 20	13 950		314 5	26 / 0 26	T-Siemann
				102				106	
6	288 716		589 5	304 / 272 32	6 892		307 5	22 / 6 32	
				122				132	
7	300980		601 5	300 / 289 22	22 190		323 5	33 / 11 22	
				154				164	
8	301 493		602 5	301 / 292 18	32 925		333 5	41 / 23 18	
				176				186	
9	300 670		601 5	300 / 290 20	17 392		318 5	26 / 8 18	
				194				204	
10	299 419		600 5	299 / 291 16	10 069		311 5	20 / 0 20	
				214				222	
11	300519		601 5	300 / 291 18	16 980		317 5	24 / 8 16	
				230				242	
12	286291		587 5	293 / 279 14	59 530		360 5	66 / 52 14	
				248				258	
13	299268		600 5	299 / 288 22	7 710		308 5	18 1/2 / 7 1/2 22	
				262				272	
				284				294	
	3858 100				271 446				

Cont.

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

Do not extend notes this side of this line.

F.B. 4109 PG. 208 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES MALDONADO 4-2-71

INDEXED F. S. TELLEZ DATE

T-78

WEATHER SUNNY INST. NO. 96716

TIME 9:45 TO 10:45 ROD NO. 95896

NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM B.M. 206-10 TO B.M. 206-9
	3858 100			284	271 476			294	CONT.
14	292 378	593 5	299 285	14 298	5 800	306 5	13 5	16 310	T = SIEMANN
15	292 203	593 5	303 281	22 320	13 477	314 5	23 3	20 330	
16	156 251	457 5	178 134	44 364	166 953	467 5	188 144	44 374	
B.M. 206-9								364	B.M. 206-9
	4598 932				457 676			738	POTRERO CN. RD. & OIL WELL
	457 676								1.0 MI. N. OF PICO CN. RD.
	+ 4141 256								SEE F.B. 3719-217

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM. 206-10 TO BM. 206-11
BM. 206-10									BM. 206-10
1	35282	3	336 5	45 25 20	267 315		568 5	278 256 22	POTRERO CN. RD. 1.05 MI. N. OF PICO CN RD AT CATTLE GAURD
2	49 610		350 5	62 36 26	275 850		576 5	287 263 24	SEE F.B. 3719 - 219
3	5 574		306 5	24 ½25 38	298 928		599 5	1298 ½278 40	
4	15 241		316 5	28 2 26	272 468		573 5	288 256 32	T R. SIEMANN
5	31 838		332 5	46 16 30	254 810		555 5	266 242 24	
6	30 841		331 5	43 17 26	162 966		463 5	173 151 22	
BM. 206-11									BM. 206-11
	168386				532337				POTRERO CN RD, 1.25 MI. N. OF PICO CN RD, AT WELL 42-2
					168386				SEE F.B. 3719-221
					363951				

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

SURVEY BY G.E. DREIER DATE 3-29-71 WEATHER CLEAR 91° INST. NO. 26716

NOTES BY G.E. DREIER DATE APR 22 TIME 11:00 TO 11:25 ROD NO. 25896

INDEXED F. S. TELLEZ DATE NOTES CHKD DATE

002005 EARTHQUAKE STUDIES

F.B. 4109 PG. 209

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4109 PG. 210 | JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES SIEMANN 8-4-2-71

INDEXED F. S. TELLEZ DATE

WEATHER SUNNY INST. NO. 96716

TIME 9:10 TO 9:45 ROD NO. 95996

NOTES CHKD DATE

T2 78

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 206-11 TO B.M. 206-10
B.M. 206-11									B.M. 206-11
1	260	710	561 5	276 / 244 32	248	42	325 5	40 / 8 32	POTRERO CN. RD. & OIL WELL 42-2
									SEE F.B. 3719-221
2	301	599	602 5	301 / 282 38	7	329	308 5	125 / 7 36	
3	296	234	597 5	296 / 282 28	59	509	360 5	72 / 46 26	
				70 / 98				68 / 94	T = MALDONADO
4	276	761	577 5	294 / 258 36	13	863	314 5	129 / 13 32	
				134 / 126					
5	285	989	586 5	300 / 270 30	3	293	304 5	122 / 3 38	
				164 / 164					
~~B.M. 206-10~~ 6	173	363	474 5	175 / 171 4	121	772	422 5	123 / 119 4	
				168 ✓				168 ✓	
B.M. 206-10								168	B.M. 206-10
	594	656 ✓			230	608 ✓		336	POTRERO CN. RD. 1.05 MI. N.
	230	608							OF PICO CN. RD. AT CATTLE GAURD.
+	364	048 ✓							SEE F.B. 3719-219

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 0020.05 EARTHQUAKE STUDIES

SURVEY BY G.E. DREIER T = 90°

NOTES BY F. S. SLEMMAN DATE 3-29-71 WEATHER HAZY SUN INST. NO. 96716

INDEXED F. S. TELLEZ DATE APR 22 '71 TIME 11:30 TO 12:00 ROD NO. 95196

NOTES CHKD DATE

F.B. 4109 PG. 211

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 206-11 TO B.M. 206-12
B.M. 206-11									B.M. 206-11
1	52015	353	5	64 / 52 / 24	266316	567	5	278 / 254 / 24	POTRERO CN. RD. 1.25 MI. N. OF PICO CN. RD. AT WELL 42.2
2	5871	306	5	20 / 5 / 30	291507	592	5	305 / 276 / 29	SEE F.B. 3719-221
				54				53	
3	13510	314	5	30 / 13 / 34	195971	496	5	212 / 178 / 34	
				88				87	
4	61389	362	5	82 / 40 / 42	214567	515	5	233 / 195 / 38	
				130				125	
5	6415	307	5	21 / 6 / 30	301002	602	5	301 / 285 / 32	π = DREIER
				160				157	
6	44743	345	5	64 / 24 / 40	299172	600	5	299 / 279 / 40	
				200				197	
7	72870	373	5	94 / 50 / 44	240822	541	5	262 / 218 / 44	
				244				241	
8	40839	341	5	68 / 12 / 56	288936	589	5	288 / 259 / 58	
				300				299	
9	70717	371	5	90 / 50 / 40	175459	476	5	195 / 154 / 41	
				340 ✓				340 ✓	
B.M. 206-12								340	B.M. 206-12
	368369 ✓				2273752 ✓			680	POTRERO CN. RD. & SUNRAY DX OIL CO. STA. # 3
					368369				SEE F.B. 3719-223
					- 1905383 ✓				

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 4109 Pg. 212 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES SIEMANN 4-1-71

INDEXED F. S. TELLEZ DATE

WEATHER LT. WIND INST. NO. 96716

TIME 2:35 TO 3:30 ROD NO. 25196

NOTES CHKD DATE

T = 78°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 206-12 TO B.M. 206-11
B.M. 206-12							B.M. 206-12
1	223503	5245	252 194 58	34480	3355	62 6 56	POTRERO CN. RD. & O.K. SUNRAY OIL CO. STA. #3
2	270888	5715	299 241 58	25987	326 5	156 225 62	SEE F.B. 3719-223
3	274439	5755	304 116 244 60	5345	3065	128 5 46	
4	244874	5455	255 176 233 22 198	19817	3205	36 2 34	
5	298789	5995	298 272 52	53640	3545	78 28 50	π = MALDONADO
6	259952	5605	280 250 238 42	4830	3055	125 4 42	
7	291363	5925	304 292 278 26	34160 ~~+60335~~	3355	48 20 28	
8	258550	5595	270 318 246 24	39117	3405	50 28 22	
			342			340	
B.M. 206-11						342	B.M. 206-11
	2122358			217376		682	POTRERO CN. RD. & OIL WELL #42-2
	217376						SEE F.B. 3719-221
	+1904982						

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.

RERUN

FROM B.M. 206-12 TO B.M. 206-11

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 206-12							B.M. 206-12
1	243788	544 5	273 / 213 60	33813	334 5	63 / 3 60	POTRERO CN. RD. & SUNRAY DX OIL CO. STA. #3.
2	292715	593 5	292 / 258 68	28015	329 5	61 / 228 66	SEE F.B. 3719-223
3	290782	591 5	290 / 263 54	6076	307 5	33 / 6 54	
4	273667	574 5	286 / 260 36	4375	305 5	18 / 4 28	RERUN
5	268293	569 5	295 / 241 54	38220	339 5	65 / 11 54	T = DREIER
6	259003	560 5	275 / 243 32	6004	307 5	22 / 6 32	
7	296649	597 5	296 / 279 34	4532	305 5	21 / 4 34	
8	228855	529 5	232 / 224 8	127358	428 5	131 / 123 8	
			336			336	
B.M. 206-11						336	B.M. 206-11
	2153752			248393		672	POTRERO CN. RD. & OIL WELL # 42-2
	248393						SEE F.B. 3719-221
	+1905359						

T = 74°

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

SURVEY BY G.E. DREIER — DATE 4-15-71 — WEATHER SUNNY, CLEAR — INST. NO. 96776

NOTES BY F. SIEMANN — TIME 9:15 TO 9:45 — ROD NO. 26896

INDEXED F. S. TELLEZ — DATE APR 22 '71 — NOTES CHKD. — DATE

F.B. 4169 — PG. 213

06 20 05

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 206-12 TO B.M. 206-13
B.M. 206-12									B.M. 206-12
1	10	708	311	5	290	245	591	5	POTRERO CN. RD. & SUNRAY D.X OIL CO. STA. #3
2	39	953	340	5	300	953	601	5	SEE F.B. 3719-223
3	5	850	306	5	273	890	574	5	
4	3	290	304	5	301	700	602	5	
5	45	681	346	5	237	242	538	5	T = DREIER
6	45	482	346	5	278	154	579	5	
7	60	509	361	5	179	196	480	5	
B.M. 206-13									B.M. 206-13
	211	473			1861	380			POTRERO CN. RD. & 3.20 MI. N. OF PICO CN. RD. AT CROSS ROAD.
					211	473			SEE F.B. 3719-225
					1649	907			

JOB NO. ~~0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET~~ CC20.05 EARTHQUAKE STUDIES

SURVEY BY G.E. DREIER

NOTES BY F.S. TELLEZ

DATE 3-29-71

INDEXED

DATE APR 22 71

WEATHER SUNNY

TIME 1:20 TO 2:00

NOTES CHKD

DATE

INST. NO. 96716

ROD NO. 95 & 96

T = 90°

F.B. 4109 PG. 215

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 4109 PG. 216 JOB NO. 0020.05

SURVEY OF EARTH QUAKE STUDIES

SURVEY BY DREIER NOTES SIEMANN 4-1-71

INDEXED F. S. TELLEZ DATE

INST. NO. 616716

ROD NO. 75096

DATE

WEATHER LT. WIND T = 80°

TIME ~~1:00~~ TO 2:30

NOTES CHKD

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 206-13 TO B.M. 206-12
B.M. 206-13							B.M. 206-13
1	~~236813~~ 280 243	~~537~~ 581 5	~~263~~ ~~209~~ 54 / 280 250 60	14 527	315 5	145 14 62	POTRERO CN. RD. & OIL + RD.
							SEE F.B. 3719-225
2	282332	583 5	282 250 64	40 598	341 5	71 9 62	
			124			124	
3	268 111	569 5	291 245 46	18 310	319 5	41 18 46	
			170			170	
4	299 599	600 5	299 273 52	13 779	314 5	38 13 50	
			222			220	
5	299698	600 5	299 275 48	30 071	331 5	55 5 50	π = MALDONADO
			270			270	
6	269222	570 5	296 242 54	23 823	324 5	150 23 54	
			324			324	
7	180512	481 5	189 171 18	88 782	389 5	97 79 16	
			342 ✓			340 ✓	
B.M. 206-12						342	B.M. 206-12
	879717 ✓			229890 ✓		682	POTRERO CN. RD. & DX. SUNRAY
	229890						OIL CO. STA # 3
	+ 649827 ✓						SEE F.B. 3719-223

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. ~~0501-02 SURVEY OF L.A. CO. PRECISE LEVEL NET~~ 0020.05 EARTHQUAKE STUDIES

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 3-29-71 WEATHER SUNNY HOT T = 88°

INDEXED F. S. TELLEZ DATE APR 22 '71 TIME 2:00 TO 2:45 ROD NO. 95896

NOTES CHKD DATE

F.B. 4109 PG. 217

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 206-13 TO B.M. 206-14
B.M. 206-13							B.M. 206-13
1	6522	307 5	½ 30 6 48	276 546	577 5	300 252 48	POTRERO CN. RD. & OIL FIELD X RD.
							SEE F.B. 3719-225
2	7393	308 5	½ 36 7 58 106	264 444	565 5	294 234 60 108	
3	36 146	337 5	65 7 58 164	275 143	576 5	304 246 58 166	
4	29 072	330 5	58 0 58 222	250 373	551 5	279 221 58 224	T = DREIER
5	12 231	313 5	½ 43 12 62 284	296 825	597 5	296 265 62 286	
6	4 275	305 5	½ 29 4 50 334	265 482	566 5	290 240 50 336	
7	30 530	331 5	52 8 44 378	266 983	567 5	290 242 48 384	
8	38 722	339 5	62 14 48 426 ✓	227 360	528 5	248 206 42 426 ✓	
B.M. 206-14						426 852	B.M. 206-14
	164 891 ✓			423 156 ✓			POTRERO CN. RD. & SUNRAY DX CO
				164 891			GAS LABORATORY
				958 265 ✓			SEE F.B. 3719-227

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4109 Pg. 218 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DRIFER NOTES SIEMANN 4-1-71

INDEXED F.S. TELLEZ DATE

WEATHER LT. WIND INST. N 61716

TIME 1:20 TO 2:00 ROD NO. 5894

NOTES CHKD DATE

T = 80°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 206-14 TO B.M. 206-13
B.M. 206-14									B.M. 206-14
1	236 813		537 5	263 209 54	11 165		312 5	39 11 56 28	POTRERO CN. RD. & GAS. LAB.
									SEE F.B. 3719-227
2	295 173		596 5	295 266 58	13 063		314 5	41 13 56	
				112				112	
3	301 795		602 5	301 272 58	8 784		309 5	37 8 58	
				170				170	
4	295 018		596 5	295 268 54	54 549		355 5	79 29 50	
				224				220	T = MALDONADO
5	257 197		558 5	291 223 68	6 441		307 5	40 6 68	
				292				288	
6	264 877		565 5	294 234 60	35 473		336 5	65 5 60	
				352				348	
7	271 648		572 5	297 245 52	9 870		310 5	36 9 54	
				404				402	
8	214 947		515 5	227 201 26	40 458		341 5	54 26 28	
				430				430	
B.M. 206-13								430	B.M. 206-13
	2137468				179803			860	POTRERO CN. RD. & OIL CROSS ROAD.
	179803								SEE F.B. 3719-225
	+1957665								

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~~ 0020.05 EARTHQUAKE STUDIES

SURVEY BY G. E. DREIER

NOTES BY SIEMANN

INDEXED F. S. TELLEZ

DATE APR 22 '71 4-2-71

WEATHER SUNNY

TIME 1:45 TO 2:15

NOTES CHKD

DATE

INST. NO. 96716

ROD NO. 95596

T = 80°

F.B. 4109, PG. 29

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M 206-13 TO B.M. 206-14
B.M. 206-13							B.M. 206-13
1	29 172	330 5	46 12 34	263 166	564 5	280 246 34	POTRERO CN. RD. & OIL CROSS ROAD
							SEE F.B. 3719-225
2	48 520	349 5	71 25 46	237 027	538 5	260 214 46	
3	39 167	340 5	68 10 58 80	265 100	566 5	293 237 56 80	RERUN
4	15 209	316 5	46 15 62 138	247 366	548 5	276 218 58 136	π = MALDONADO
5	56 399	357 5	80 32 48 200	222 977	523 5	245 199 46 194	
6	56 292	357 5	72 40 32 248	235 159	536 5	255 215 40 240	
7	4 077	305 5	30 4 52 280	298 494	599 5	298 268 60 280	
8	10 441	311 5	38 10 56 332	263 020	564 5	287 239 48 340	
9	43 133	344 5	64 22 42 388	228 328	529 5	250 206 44 388	
			430			432	
B.M. 206-14						430	B.M. 206-14
	302 410			260 637		862	POTRERO CN. RD. & GAS LAB.
				302 410			SEE F.B. 3719-227
				- 1958 227			

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Do not extend notes this side of this line.

F.B. 4109 PG. 220 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DEEIER NOTES SIEMANN 4-2-71

INDEXED F. S. TELLEZ DATE

WEATHER SUNNY INST. NO. 96716

TIME 2 2570 3200 ROD NO. 95496

NOTES CHKD DATE

T = 80°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From B.M. 206-14 To B.M. 206-13
B.M. 206-14							B.M. 206-14
1	283 789	584 5	1283 / 224 968	22 430323 ~~22 430323~~	5	155 / 22 66	POTRERO CN. RD. & GAS LAB.
							SEE F.B. 3719-227
2	294 417	595 5	1294 / 265 58	7 890	308 5	39 / 7 64	
			126			130	
3	267 861	568 5	282 / 252 30	60 951	361 5	74 / 46 28	
			156			158	RERUN
4	270 942	571 5	289 / 251 38	61 204	362 5	79 / 43 36	
			194			194	T = MALDONADO
5	237 352	538 5	266 / 208 58	38 416	339 5	67 / 9 58	
			252			252	
6	267 453	568 5	296 / 238 58	34 160	335 5	64 / 4 60	
			310			312	
7	242 420	543 5	272 / 212 60	14 712	315 5	42 / 14 56	
			370			368	
8	288 113	589 5	288 / 264 48	17 140	318 5	41 / 17 48	
			418			416	
9	1 / ~~2~~ 95005	496 5	198 / 192 6	132239	433 5	136 / 128 8	
			424 ✓			424 ✓	
						424	B.M. 206-13
B.M. 206-13						848	POTRERO CN. RD. & OIL CROSS ROAD
	~~2447352~~			389142 ✓			SEE F.B. 3719-225
	~~389142~~						
	+ ~~2058210~~ 5						
	2347352 ✓						
	389142						
	+ 1958210 ✓						

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	MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 206-14 TO B.M. 206-15
B.M. 206-14									B.M. 206-14
1	48	051	349	5	235	377	536	5	POETERO CN RD & GAS LAB. SEE F.B. 3719-227
2	30	088	331	5	183	245	484	5	
3	129	560	430	5	155	968	456	5	R. SIEMANN
4	15	790	316	5	293	212	599	5	
5	6	770	301	5	221	650	522	5	
6	17	797	318	5	292	730	593	5	
7	15	220	316	5	295	922	596	5	
B.M. 206-15									B.M. 206-15
	263	276			1678	104			POETERO CYN RD 2.25 MI SO. OF SAUGAS-VENTURA RD
					263	276			F.B. 3719-229
					1414	828			

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

SURVEY BY G.E. DREIER

NOTES BY F.S. TELLEZ

INDEXED

DATE 3-29-71

DATE APR 22 71

WEATHER CLEAR-LT. BR.

TIME 2:45 PM

NOTES CHKD

INST. NO. 96716

ROD NO. 25896

DATE

F.B. 4109 PG. 221

EARTHQUAKE STUDIES

0020.02

88°

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F.B. 4109 Pg. 222 JOB NO. 0020.05

SURVEY OF Earthquake Studies

SURVEY BY Drake NOTES Maldonado 4-1-71

INDEXED F. S. TELLEZ DATE

T- 74°

WEATHER Sunny & Breezy INST. NO. 76114

TIME 11:15 to 11:45 ROD NO. 11-92

NOTES CHKD DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM BM 206-15 TO BM 206-14
BM 206-15				298					59		BM 206-15
1	268 970		569 5	238	60	29 179		330 5	-1	60	Potrero Cyn. Rd. & 2.25 mi. S.E.
				302					85		of Saugus-Ventura Rd.
2	282 465		583 5	262	40	65 671		366 5	45	40	See F.B. 3719-229
				284	100				65	100	
3	261 931		562 5	238	46	43 455		344 5	19	46	
				266	146				33	146	
4	260 940		561 5	254	12	25 491		326 5	17	16	T- Siemann
				271½	158				136	162	
5	271 370		572 5	234	74	99 464		400 5	62	74	
	~~25~~			286	232				69	236	
6	254 886		555 5	222	64	36 946		337 5	3	66	
				197	96				79	302	
7	182 359		483 5	167	30	67 867		368 5	55	24	
					326 ✓					326 ✓	
										326	
	1782921 ✓					368 073 ✓				652 ✓	
	368 073										
	1414848 ✓										
BM 206-14											BM 206-14
											Potrero Cyn. Rd. & Gas Lab.
											See F.B. 3719-227

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 G.E. DREIER

DATE 31 MAR 71

WEATHER Clear & Windy

TIME 0:9:25

INST. NO. 96716

ROD NO. 85-86

INDEXED F. S. TELLEZ

DATE APR 22 71

NOTES CHKD

DATE

T-70

F.B. 4109 PG. 223

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM 206-15									FROM BM 206-15 TO BM 206-16
1	12	060	313	5	292	501	593	5	BM 206-15
				1/2 50 12 76				1/2 292 253 78	Potrero Cyn Rd, 2.25 mi So,
2	6	891	307	5	301	481	602	5	of Saugas-Ventura Rd
				1/2 41 6 70				1/2 301 270 62	F.B 3719-229
				146				140	
3	15	331	316	5	285	310	586	5	
				1/2 44 15 58				1/2 285 252 66	
				204				206	
4	15	865	316	5	274	465	575	5	T Siemann
				1/2 48 15 66				306 242 64	
				270				270	
5	88	900	389	5	290	388	591	5	
				121 55 66				1/2 290 255 70	
				336				340	
6	24	770	325	5	237	100	538	5	
				1/2 55 24 62				266 208 58	
				398				398	
7	135	391	436	5	183	561	484	5	
				144 124 22				194 172 22	
				420				420	
								420	
								840	
BM 206-16									BM 206-16
	299 208				864 806				Potrero Cyn Rd 1.7 mi S.E.
					299 208				of Saugas-Ventura Rd
					- 565 598				F.B 3719-231

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F.B. 4109 PG. 224 JOB NO. 0020.05

SURVEY OF Earthquake Studies

SURVEY BY Dreier NOTES Maldonado 4-1-71

INDEXED F. S. TELLEZ DATE

WEATHER Sunny & Breezy INST. NO. 96716

TIME 10:40 to 11:15 ROD NO. 95 & 96

NOTES CHKD DATE

T-74°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 206-16 TO BM 206-15
BM 206-16			250			641,	BM 206-16
1	218 715	519 5	186 64	31 310	332 5	31½ 66	Potrero Cyn. Rd. E 1.7 mi.
			298,			92	S.E. Saugus-Ventura Rd.
2	298 180	599 5	263½ 70	57 680	358 5	22 70	See F.B. 3719-231
			134 296			57, 136	
3	261 650	562 5	226 70	22 491	323 5	22½ 70	
			297, 204			42, 206	
4	297 482	598 5	264½ 66	10 840	311 5	10½ 64	π-Siemann
			293, 270			44, 270	
5	293 660	594 5	263½ 60	12 241	313 5	12½ 64	
			279, 330			80 334	
6	279 254	580 5	250½ 58	51 592	352 5	22 58	
			203 388			98 392	
7	188 999	489 5	173 30	85 760	386 5	72 26	
			418			418 ✓	
						418	
	1837 940 ✓			271 904 ✓		836 ✓	
	271 904						
	+1566 036 ✓						
BM 206-15							BM 206-15
							Potrero Cyn. Rd. & 2.25 mi.
							S.E. of Saugus-Ventura Rd.
							See F.B. 3719-229

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 0020.05

SURVEY BY G. E. DREIER

NOTES BY G. E. DREIER DATE 4-5-71

INDEXED F. S. TELLEZ DATE APR 22 71

EARTHQUAKE STUDIES

WEATHER CLEAR 77° TIME 9:20

NOTES CHKD DATE

INST. NO. 86716

ROD NO. 95896

F.B. 4109 PG. 225

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	RERUN FROM B.M. 206-15 TO B.M. 206-16
B.M. 206-15									B.M. 206-15
1	29	340	330 5	59 ½ 29 60	245	459	546 5	275 215 60	POTERO CN. RD, W. OF GAS WORKS
									SEE F.B. 3719-229
2	24	730	325 5	53 ½ 24 58	274	150	575 5	302 246 56	
3	11	846	312 5	42 ½ 11 118 62	284	824	585 5	284 116 ½ 253 62	TR. SIEMANN
4	25	521	326 5	55 ½ 25 180 60	275	489	576 5	304 178 246 58	RERUN
5	55	169	356 5	85 25 240 60	231	758	532 5	261 236 201 60	
6	55	720	356 5	85 25 300 60	299	890	600 5	299 296 ½ 267 64	
7	62	451	363 5	92 32 360 60	219	079	520 5	249 360 189 60	
				420				420	
B.M. 206-16								420	B.M. 206-16
	264	777			1830	649		840	POTRERO CN. AT RANCH BARN
					264	777			
					1565	872			

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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.

F.B. 4109 Pg. 226 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 4-5-71

INDEXED F. S. TELLEZ DATE

WEATHER CLEAR TIME 2:15 NOTES CHKD DATE

87° to 82° (TWIND)

INST. NO. 96716 ROD NO. 75896

STATION	BACKSIGHT Right Mic.	Left	Stadia	FORESIGHT Right Mic.	Left	Stadia	DESCRIPTION AND REMARKS
				RERUN			FROM B.M. 206-16 TO B.M. 206-15
							B.M. 206-16
1	212 485	5135	238 186 52	68 500	369 5	180 36 64	POTRERO CN. RD. AT RANCH BLDGS
							SEE F.B. 3719-231
2	300 774	601 5	1/2 300 226 68	51 828	3525	78 24 54	
						118	
3	252 971	5535	286 120 218 68	51 570	3525	85 17 68	RERUN
						186	π R. SIEMANN
4	301 782	6025	1/2 301 188 266 70	5751	3065	1/2 36 25 62	
5	288 849	5895	1/2 288 258 60	11 570	3125	1/2 45 11 68	
			258			248	
6	301 502	6025	1/2 301 270 62	40 092	3415	71 9 62	
			318			316	
7	222476	5235	241 203 38	85 824	3865	105 65 40	
			380			378	
			418			418	
						418	
	1880839 ✓			315135 ✓		~~836~~ 836	
B.M. 206-15	315135						B.M. 206-15
							POTRERO CN. RD. W. OF GAS WORKS
							SEE F.B. 3719-229
	+ 1565704 ✓						

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

STATION	BACKSIGHT Right Mic.	Left.	Stadia	FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
BM 206-16							FROM BM 206-16 TO B.M. 206-17
1	125 922	426 5	143 167 36	241 458	542 5	257 223 36	BM 206-16
2	28 728	329 5	158 128 60 96	290 561	591 5	1290 1260 60 96	POTRERO CYN Rd 1.7 mi S.E. of Saugas-Ventura Rd
3	35 860	336 5	70 0 70 166	273 542	574 5	273 239 68 164	F.B. 3719-231
4	57 488	358 5	86 28 58 224	253 249	554 5	283 223 60 224	RODRIGUEZ
5	42 852	343 5	77 7 70 294	270 782	571 5	270 234 72 296	
6	3 581	304 5	40 3 74 368	296 891	597 5	296 258 76 372	
B.M. 206-17						368	B.M. 206-17
	294 431			626 483		740	POTRERO CN. RD. 1.25 M. S.E. OF SAUGUS-VENTURA RD.
				294 431			SEE F.B. 3719-233
				- 332 052			

00 20.05 EARTHQUAKE STUDIES

JOB NO. ~~0501.02 SURVEY OF L.A. CO. PRECISE LEVEL NET~~

SURVEY BY ~~SUPERVISOR~~ DIRECTOR DATE 31 MAR 71 WEATHER Windy INST. NO. 96716

NOTES BY ~~SUPERVISOR~~ DATE 22 TIME 10:30 10:50 ROD NO. 85-96

INDEXED F. S. TELLEZ DATE NOTES CHKD DATE

T=70

F.B. 4109 PG. 227

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 206-17 TO BM 206-16
BM-206-17									BM 206-17
1	286	989	587 5	286, 248½ 76	12662	313 5		50, 12½ 76	POTRERO CN. RD. 1.25 MI. S.E. OF SAUGUS-VENTURA RD.
2	272	372	573 5	272, 237½ 70	36 850	337 5		71, 36½ 70	SEE F.B. 3719-233
3	270	650	571 5	270, 146 234½ 72	35 471	336 5		72, 146 35½ 74	
4	287	600	588 5	287, 218 252½ 70	38 898	339 5		72 220 2 70	T- Rodriguez
5	286	561	587 5	286, 288 258½ 54	46 891	347 5		74 290 18 56	
6	240	850	541 5	258 342 222 36	141 800	442 5		157 346 125 32	
				378				378	
								378	
BM 206-16	1645022				312572			756	BM 206-16
	312572								Potrero Cyn. Rd. & 1.7 mi. S.E. of Saugus-Ventura Rd.
	+1332450								See F.B. 3719-231

T = 74°

WEATHER Sunny & Clear INST. NO 96716

TIME 10:10 to 10:35 ROD NO 95 & 96

NOTES CHKD ____ DATE ____

F.B. 4109 PG. 228 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY Dr. Clifford NOTES Mylodonada 4-1-71

INDEXED F. S. TELLEZ DATE ____

76P526B CE # 308 8/68

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

SURVEY BY G.E. DREIER — DATE 4-5-71 — WEATHER DIST. HAZE — INST. NO. 96716

NOTES BY G.E. DREIER — TIME 9:50 — ROD NO. 95 & 96

INDEXED F. S. TELLEZ — DATE APR 22 '71 — NOTES CHKD — DATE

0620.05 — 83° — F.B. 4109 — PG. 229

RERUN

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 206-16 TO B.M. 206-17
B.M. 206-16							B.M. 206-16
1	58 180	3595	89 ½ 58 62	280 578	5815	280 ½ 249 62	POTRERO CN. AT RANCH BARN
							SEE F.B. 3719-231
2	20 811	3215	50 ½ 20 60	254 360	5555	284 224 60	
3	26 250	3275	61 122 ½ 26 70	269 369	5705	304 122 234 70	
4	38 210	3395	74 192 2 72	273 981	5745	½ 273 192 237 72	
5	35 862	3365	72 264 -2 70	293 090	5945	293 264 ½ 258 70	
6	62 211	3635	82 334 42 40	202 521	5035	222 334 182 40	
			374 ✓			374 ✓	
B.M. 206-17						374	B.M. 206-17
	241 524 ✓			1573899 ✓		748	POTRERO CN. RD. 1.25 mi. S.E. of
				241 524			SAUGUS-VENTURA RD
							SEE F.B. 3719
				-1332375 ✓			

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 206-17 TO B.M. 206-18
B.M. 206-17							B.M. 206-17
1	17 918	318 5	½ 53 72 / 17 ~~72~~	266 750	567 5	300 / 230 70	POTRERO CN RD & 1.25 MI. S.E. OF SAUGUS VENTURA RD.
2	21 651	322 5	½ 58 / 21 74 / 146	293 332	594 5	½ 293 / 257 72 / 142	SEE F.B. 3719 - 233
3	18 310	319 5	½ 53 / 18 70 / 216	248 929	548 5	282 / 212 70 / 212	
4	70 090	371 5	107 / 33 74 / 290	274 428	575 5	½ 274 / 238 72 / 284	
5	19 331	320 5	½ 40 / 19 42 / 332	281 329	582 5	302 / 260 42 / 326	T = RODRIGUEZ
6	34 690	335 5	53 / 15 38 / 370 ✓	257 799	558 5	280 / 234 46 / 372 ✓	
B.M. 206-18						370	B.M. 206-18
	181 990 ✓			1621567 ✓		742	POTRERO CN. RD & SALT CR. RD.
				181 990			SEE F.B. 3719-235
				- 1439577 ✓			

JOB NO. ~~0301.02~~ SURVEY OF L.A. CO. PRECISE LEVEL NET 0020.05

SURVEY BY G. EDREIER DATE 3-31-71 WEATHER LT. WIND INST. NO. 96716

NOTES BY SIEMANN TIME 10:55 TO 11:25 ROD NO. 95996

INDEXED F. S. TELLEZ DATE APR 22 71 NOTES CHKD DATE

T = 78°

F.B. 4169 PG. 231

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. 4109 PG. 232 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY Dreier NOTES Maldonado 4-1-71

INDEXED F. S. TELLEZ DATE

WEATHER Sunny INST. NO. 96716

TIME 9:35 to 10:05 ROD NO. 95 & 96

NOTES CHKD. DATE

T-74°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 206-18 TO B.M. 206-17
B.M. 206-18				2971				54	B.M. 206-18
1	297	960	598 5	266½ 62	24	148	325 5	24½ 60	POTRERO CN. RD. & SALT CK RD
				278				95	SEE F.B. 3719-235
2	266	410	567 5	254 24	83	468	384 5	71 24	
				253 86				131 84	
3	234	761	535 5	215 38	112	299	413 5	93 38	
				288 124				96 122	K-Rodriguez
4	252	380	553 5	216 72	59	040	360 5	22 74	
				298 196				54 196	
5	298	552	599 5	261½ 74	19	270	320 5	19½ 70	
				294 270				70 266	
6	294	199	595 5	256½ 76	30	548	331 5	50½ 80	
				227 346				102 346	
7	210	709	511 5	193 34	86	941	387 5	70 32	
				380				378	
								380	
	1854	971			415	714		758	
	415	714							
BM 206-17	1439	257							BM 206-17
									Potrero Cyn. Rd. & 1.25 mi.
									S.E. of Saugus-Ventura Rd.
									See F.B. 3719-233

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 — EARTHQUAKE STUDIES

SURVEY BY G.E. DREIER — DATE 4-5-71 — WEATHER 85° — DIST. HALE — INST. NO. 26716

NOTES BY F. S. TELLEZ — DATE APR 22 71 — TIME 10:15 — ROD NO.

INDEXED — NOTES CHKD — DATE

F.B. 4109 PG. 233

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							RERUN FROM B.M. 206-17 TO B.M. 206-18
B.M. 206-17							B.M. 206-17
1	18 367	319 5	50 ½ 18 64	248 605	549 5	280 216 64	POTRERO CN. RD. 0.25 MI. S.E. OF SAUGUS-VENTURA RD.
2	37300	338 5	70 4 66	277 314	578 5	1277 243 68	SEE F.B. 3719-233
3	7528	308 5	40 130 ½ 7 66	255 494	556 5	289 132 221 68	
4	75091	3765	109 196 41 68	227 260	528 5	260 200 194 66	RERUN π J. MALDONADO
5	8 152	309 5	142 264 ½ 8 68	298 281	599 5	298 266 271 54	
6	50520	351 5	63 332 37 26	266 400	567 5	285 320 247 38	
7	102 363	403 5	358 143 20 43 378	165 392	4665	175 358 155 20 378	
B.M. 206-18	299321			1738746		378	B.M. 206-18
				299321		756	POTRERO CN. RD. & SALT CR. RD. SEE F.B. 3719-235
				-1439 425			

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F.B. 4109 PG. 234 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 4-5-70

INDEXED F.S. TELLEZ DATE

WEATHER CLEAR

TIME 1:30 PM

NOTES CHKD.

INST. NO. 36716

ROD NO. 95 & 96

DATE

88d

RERUN

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From B.M. 206-18 To B.M. 206-17
B.M. 206-18	45								B.M. 206-18
1	199 692		500 5	215 183 32	50 105		351 5	66 34 32	POTRERO CN. RD. & SALT CR. SEE F.B. 3719-235
2	265 012		566 5	284 246 38	18 598		319 5	37 -1 38	
3	253 855		554 5	273 70 233 40	79 664		380 5	100 70 58 42	
4	225 964		526 5	252 110 198 54	98 551		399 5	124 112 72 52	RERUN ✓ J. MALDONADO
5	237 802		538 5	269 164 205 64	31 471		332 5	62 164 -2 64	
6	272 632		573 5	304 228 240 64	50 254		351 5	80 228 20 60	
7	250 718		551 5	282 292 218 64	16 242		317 5	50 288 16 68	
8	174 359		475 5	184 356 164 20	96 092		397 5	106 356 86 20	
				376 ✓				376 ✓	
B.M. 206-17								376	B.M. 206-17
	1880 034 ✓				440 977 ✓			152	POTRERO CN RD., 1.25 MI. S.E. OF SAUGUS-VENTURA RD. SEE F.B. 3719-233
	440 977								
	1439 057 ✓								

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

SURVEY BY G.E. DREIER — DATE 4-7-71 — WEATHER CLEAR 70° — INST. NO. 96716

NOTES BY G.E. DREIER — TIME 12:35 TO 1:20 — ROD NO. 95 & 96

INDEXED F. S. TELLEZ — DATE APR 22 — NOTES CHKD — DATE

F.B. 4109 PG. 235

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									2nd. RERUN
									FROM B.M. 206-18 TO B.M. 206-17
B.M. 206-18									B.M. 206-18
1	245962	5465		266 224 42	31 146	3325		51 11 40	POTRERO CN. RD. & SALT CR. RD
									SEE F.B. 3719-235
2	296901	5975		296 272 48	17 192	3185		41 217 48	
3	232623	5335		258 206 90 52	74 389	3755		99 49 88 50	
4	208603	5095		238 178 142 60	77 860	3785		105 49 138 56	~~R. STEMANN~~
									2nd. RERUN
									J. MALDONADO
5	290951	5915		290 255 202 70	4 082	3055		139 24 194 70	
6	247111	5485		273 221 272 52	72 339	3735		102 42 264 60	
7	253331	5545		278 228 324 50	59 387	3605		84 34 324 50	
				374				374	
B.M. 206-17								374	B.M. 206-17
	1775482				336395			748	POTERO CN. RD. 0.5 MI. W. OF RANCH BLDG.
	336395								SEE F.B. 3719-233
	+ 1439087								

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F.B. 4109 Pg. 236 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 4-7-71

INDEXED F. S. TELLEZ DATE

WEATHER CLEAR 71°

TIME 1:20 TO 1:55 ROD NO. 35E96 INST. NO. 96716

NOTES CHKD DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	2nd RERUN DESCRIPTION AND REMARKS
									From BM 206-17 To BM 206-18
B.M. 206-17									B.M. 206-17
1	50 250	4	351 5	76 24 52	232 699		533 5	256 208 48	POTRERO CN. RD. 0.5 MI. W. OF RANCH BLDG. SEE F.B. 3719-233
2	48 821		349 5	76 20 56	239 154		540 5	268 210 58	
3	41 968		342 5	68 14 54 108	263 512		564 5	290 236 54 106	
4	59 860		360 5	87 31 56 162	205 573		506 5	233 177 56 160	2nd. RERUN ↑ J. MALDONADO
5	68 293		369 5	97 39 58 218	230 734		531 5	258 202 56 216	
6	49 423		350 5	72 26 46 276	286 510		587 5	286 261 50 272	
7	15 250		316 5	135 215 40 322	274 360		575 5	294 254 40 322	
8	117 798		418 5	123 111 12 362	158 337		459 5	164 152 12 362	
				374				374	
B.M. 206-18									B.M. 206-18
	~~451563~~				1890 879			748	POTRERO CN. RD. & SALT CR. RD. SEE F.B. 3719-235
	451663				451 563				
					1439 316				

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JOB NO. 0001.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — 0020.05 EARTHQUAKE STUDIES

SURVEY BY G.E. DREIER — T = 76°

NOTES BY SIEMANN — DATE 9-3-71 — WEATHER T WIND — INST. NO. 96716

INDEXED F. S. TELLEZ — DATE APR 22 '71 — TIME 11:30 TO 1:00 — ROD NO. 95696

NOTES CHKD — DATE

F.B. 4109 PG. 237

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 206-18 TO B.M. 206-19A
B.M. 206-18							B.M. 206-18
1	24 058	325 5	48 48	283 301	584 5	302 264 38	POTRERO CN. RD. & SALT CREEK RD.
							SEE F.B. 3719-235
2	95 499	396 5	101 89 22	255 278	556 5	267 243 24	
			70			62	
3	14 279	315 5	32 14 36	288 819	589 5	288 268 40	
			106				
4	52 821	353 5	62 42 20	301 120	602 5	301 286 102 30	
			126			132	
5	14 149	315 5	27 3 24	261 780	562 5	272 250 22	
			150			154	
6	46 831	347 5	58 34 24	246 660	547 5	256 236 20	T = RODRIGUEZ
			174			174	
7	34 972	335 5	44 24 20	297 031	598 5	297 287 20	
			194			194	
8	38 761	339 5	48 28 20 214	278 070	579 5	288 268 20 214	
9	68 002	369 5	78 58 20 234	225 441	526 5	235 215 20	
						234	
10	54 822	355 5	67 41 26	279 821	580 5	292 266 26	
			260			260	
11	39 900	340 5	52 26 26	213 560	514 5	225 204 24	
			286			284	
						286	B.M. 206-19A
B.M.	484094		-	2930881		570	POTRERO CN. RD. & SANTA CLARA
				484094			RIVER. W. BANK.
				-2446787			SEE F.B. 3719-238

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F.B. 4109 PG. 238 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DKEIER NOTES SIEMANN 3-31-71

INDEXED F. S. TELLEZ DATE

WEATHER WINDY INST. NO. 96716

TIME 2:25 TO 2:55 ROD NO. 95896

NOTES CHKD DATE

T=80°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 206-19A TO B.M. 206-18
B.M. 206-19A									B.M. 206-19A
1	181	720	482 5	191 171 20	52 031	353 5	62 42 20		POTRERO ON RD. & W. SIDE OF SANTA CLARA RIVER.
2	271	562	572 5	284 258 26	26 992	327 5	49 13 36		SEE F.B. 3719-238
3	271	348	572 5	286 256 30 (46)	38 588	339 5	48 28 20 (56)		
4	297	560	598 5	297 285 24 (76)	6 599	307 5	18 6 24 (76)		
5	301	152	602 5	301 287 28 (100)	14 031	315 5	32 14 36 (100)		
6	247	700	548 5	258 236 22 (128)	82 251	383 5	90 74 16 (136)		T = RODRIGUEZ
7	273	086	574 5	284 262 22 (150)	48 421	349 5	59 37 22 (152)		
8	297	768	598 5	297 282 30 (172)	22 751	323 5	36 8 24 (174)		
9	284	642	585 5	300 268 32 (202)	19 799	320 5	34 4 30 (198)		
10	288	611	589 5	288 272 32 (234)	46 698	347 5	66 26 40 (228)		
11	209	090	510 5	216 202 14 (266)	119 002	420 5	126 112 14 (268)		
				280			282		
B.M. 206-~~19A~~ 18							280		B.M. 206-18
	292 423				477 163		562		POTRERO ON RD. & SALT CREEK RD. SEE F.B. 3719-235
	477 163								
	+244 076								

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 6020.05 EARTHQUAKE STUDIES

SURVEY BY G.E. DREIER NOTES BY G.E. DREIER DATE 4-5-71 TIME 10:50 70 WEATHER CLEAR 88°

INDEXED F. S. TELLEZ DATE APR 22 '71 NOTES CHKD DATE INST. NO 96716 ROD NO 85 #96

F.B. 4109 PG. 239

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From B.M.206-18 To B.M.206-19A
B.M.206-18	653						B.M.206-18
1	43 651	3445	62 24 38	272 799	5735	291 253 38	POTRERO CN.RD & SALT CR. RD.
							SEE F.B. 3719 - 235
2	4 219	3055	22 ½ 4 36	292 137	5935	292 ½ 274 36	
3	9413	3105	74 125 ½ 9 32	282 492	5835	298 266 32	RERUN
4	7 583	3085	106 22 ½ 7 30	293 740	5945	307 279 28	TT J. MALDONADO
5	19 931	3205	136 434 4 30	275 309	5765	290 260 30	
6	46 085	3475	166 56 36 20	283 788	5845	294 272 22	
7	11 492	3125	186 21 1 20	279 800	5805	289 269 20	
8	22 804	3235	206 34 10 24	239 313	5405	251 227 24	
9	7 960	3085	230 ½ 23 ½ 7 32	288 300	5895	304 272 32	
10	41 888	3425	262 57 31 20	154 239	4555	163 145 18	
			282 ✓			280 ✓	
B.M.206-19A						282	B.M.206-19A
	215 026 ✓			2661 917 ✓		562 ✓	POTRERO CN.RD. & S. SIDE SANTA CLARA RIVER
				215 026			SEE F.B. 3719 - 238
				- 2446 891 ✓			

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F.B. 4109 PG. 240 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 4-5-71

INDEXED F. S. TELLEZ DATE

WEATHER CLEAR INST. NO. 96716

TIME 11:25 ROD NO. 25 & 96

NOTES CHKD DATE

89°

STATION	BACKSIGHT Right Mic.	Left	Stadia	FORESIGHT Right Mic.	Left	Stadia	DESCRIPTION AND REMARKS
				RERUN			FROM B.M. 206-19A TO B.M. 206-18
B.M. 206-19A	5 3			4 3			B.M. 206-19A
1	197 591	4985	210 184 26	17 741	3185	30 4 26	POTRERO CN. RD ON S. SIDE OF SANTA CLARA RIVER
2	268 703	5695	281 255 26	39 588	340 5	52 26 26	SEE F.B. 3719-238
3	251 132	5525	264 52 238 26	11 812	3125	24 -2 26	
4	280 ~~932~~	~~582~~ 5	290 78 270 20	11 414	3125	21 1 20	RERUN π J. MALDONADO
5	288 399	5895	300 98 276 24	39 139	340 5	52 98 26 26	
6	265 077	5665	278 122 252 26	20 421	321 5	33 124 7 26	
7	291 347	5925	306 148 278 28	18 051	319 5	32 150 4 28	
8	301 020	6025	301 176 ½ 284 30	4 608	305 5	22 178 ½ 4 36	
9	273 180	5745	287 206 259 28	59 287	3605	70 214 48 22	
10	283 550	5845	303 234 263 40	32 021	3335	53 236 11 42	
			274			278 274	
	2700931			254 082		552	
B.M. 206-18	254082						B.M. 206-18 POTRERO CN. RD. & SALT CR. SEE F.B. 3719-235
	2446849						

76P526B CE # 308 8/68

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

SURVEY BY C.E. DREIER — WEATHER Windy - Hot

NOTES BY RODRIGUEZ — DATE 31 MAR 71 — TIME 13:10 — INST. NO. 96776

INDEXED F. S. TELLEZ — DATE APR 22 71 — NOTES CHKD. — DATE — ROD NO. 85-96

F.B. 4109 PG. 241

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 206-19A													FROM BM 206-19A TO BM 206-20A
1.	8	862	309	5	14 2	12	299	092	600	5	306 292	14	BM 206-19 A
2	42	469	343	5	49 35	14	279	619	580	5	286 272	14	
3	67	070	368	5	106 28	26 78	152	545	453	5	187 117	28 70	FB 3719-238
4	166	322	467	5	206 126	104 80	71	200	372	5	114 28	98 86	T SIEMANN
5	141	931	442	5	181 101	184 80	24	659	325	5	62 1½ 24	184 76	
6	147 ~~24~~	491	448 ~~325~~	5	186 108	264 78	190	830	491	5	231 149	260 82	
7	281	639	582	5	289 273	342 16	12	481	313	5	18 6	342 12	
8	282	211	583	5	288 276	358 12	56	695	357	5	64 48	354 16	
9	258	559	559	5	262 254	376 08	152	937	453	5	157 147	370 10	
						378						380 378	
	396 554						440 058					158	
BM 206-20A	1240 058						~~396 554~~						BM 206-20A
	+ 156 496						~~843 504~~						50. of Saugas - Ventura Rd.
													= 50. FT. @ Henry - Mayo - R.R. Siding
													F.B.

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INST. NO. 96716 ROD NO. 95-96 DATE

WEATHER Windy TIME 13:45 NOTES CHKD.

T=80

F.B. 4109 PG. 242 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DOFELIZ NOTES RODRIGUEZ 31 MAR 71

INDEXED F. S. TELLEZ DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM 206-20A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 206-20A TO BM 206-19A
1.	64	530	365 5	72 56 16	282	682	583 5	291 273 18	BM 206-20A
									Sol of Saugas - Ventura Rd
2	11	706	312 5	17 5 12	297	340	598 5	303 291 12	± 50 FT. @ Henry-Mayo
								30	RR Siding
3	86	679	387 5	126 46 80	130	202	431 5	170 90 80	F.B 3719-240
				28 108				110	
4	23	142	324 5	1/2) 65 23 84	154	291	455 5	195 113 82	T Siemann
				192				192	
5	74	439	375 6	115 33 82	163	119	464 5	204 122 82	
				274				274	
6	152	017	453 5	193 111 82	24	190	325 5	1/2) 64 24 80	
				356				354	
7	271	788	572 5	277 265 12	53	279	354 5	59 47 12	
				368				366	
8	291	461	592 5	297 285 12	27	340	328 5	33 21 12	
				380 ✓				378 ✓	
								380	
BM 206-19A	975	762 ✓			132443 ✓			758	BM 206-19A
					975762				
					-156681 ✓				

F.B. 4109 PG. 243

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY _____ WEATHER _____ INST. NO. _____

NOTES BY F. S. TELLEZ DATE _____ TIME _____ ROD NO. _____

INDEXED _____ DATE APR 22 '71 NOTES CHKD _____ DATE _____

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
									LINE 206-20A TO 206-32 CONT. IN F.B. 4111-6 TO 52

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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76P926B CE # 308 8/68

[redacted] JOB NO. 0620.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____

TIME _____

NOTES CHKD _____

STATION	BACKSIGHT			FORESIGHT			
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____