Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET F. B. 4111 Pg. 5
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by DREIER
Checked	Notes Date
Date	Indexed F. S. TELLEZ APR 21 71

BOOK INDEX

	F.B. 4111 PAGE
1971 ~~MARCH~~ APRIL RELEVELING LINE 206	6 TO 52
(CONTINUED FROM F.B. 4109)	
1970 RELEVELING, LINE 11	59 TO 256

F. B. 4111 PG. 6

LINE 206 ROUTE SKETCH, SEE F.B. 4109-142, 143

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

Do not extend this sketch beyond this line.

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

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0320.05 ~~0301.02~~ SURVEY OF L.A. CO. PRECISE LEVEL NET — EARTHQUAKE STUDIES
SURVEY BY G.E. DREIER — WEATHER CLEAR 73°
NOTES BY G.E. DREIER — DATE 4-15-71 — TIME 9:00 — INST. NO. 26716
INDEXED F.S. TEELEZ — DATE MAY 21 71 — NOTES CHKD. — DATE — ROD NO. 25822
F.B. 4111 PG. 7

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
			NEAR ROD				FAR ROD		
1	137	271 ~~438~~	438 5	139 135 4	137	882	4385	164 110 54	54 M- 4 M= 50 M=0.20 mm
2	156	217	457 5	158 134 4	155	488	4565	182 128 54	54 M- 4 M= 50 M=0.20 mm
	293	488		8	293	370		108	
	293	330				0.40 mm			
	+	158			-0.	mm		8	Curvature Corr.=0.40 mm
					293	330		100	
					-				
		+0.016		mm= "C"					
	100	1.58							
							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 '67 — EARTH & CRUSTAL MOVEMENTS
SURVEY BY G.E. DREIER — WEATHER HAZE-THUNDERSTORMS — INST. NO 26716
NOTES BY G.E. DREIER — DATE 4-16-71 — TIME 10:30 PD — ROD NO 25826
INDEXED F. S. TELLEZ — DATE APR 21 71 — NOTES CHKD — DATE
F.B. 4111 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	140	869	441	5 142 / 138 4	126	355	427	5 153 / 99 54	54M- 4M= 50 M=0.20 mm
2	159	999	460	5 161 / 157 4	174	485	475	5 201 / 147 54	54M- 4 M= 50 M=0.20 mm
	300	868		8	300	840		108	
	300	800				0,40			
	+	0,68			-0.	mm		-8	Curvature Corr.=0.40 mm
					300	800		100	
					-				
		+0.007		mm= "C"					
		1 0,68							
							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. 0501.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 680 F.B. 4111 PG. 11
SURVEY BY G. E. REIEL WEATHER SUNNY & CLEAR INST. NO. 26712
NOTES BY SIEMANN DATE 4-19-71 TIME 9:30 TO 9:40 ROD NO. 95 & 9
INDEXED F. S. TELLEZ DATE APR 21 71 NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
				DETERMINATION OF "C"					
				NEAR ROD				FAR ROD	
1	160	718	461	5 162 158 4	178	182	479	5 205 151 54	54 M- 4 M= 50 M=0.20 mm
2	150	586	451	5 152 148 4	133	197	434	5 160 106 54	54 M- 4 M= 50 M=0.20 mm
	311	304		8	311	379		108	
	+				-0.	040 mm		8	Curvature Corr.=0.40 mm
					311	339		100	
					311	304			
					-	035			
				mm= "C"					
	1								
						- 004 mm = "C"			
					100	0350			

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 57° EARTHQUAKE STUDIES

SURVEY BY G.E. DREIER DATE 4-20-71 WEATHER OVERCAST INST. NO. 96716

NOTES BY G.E. DREIER DATE 4-20-71 TIME 9:00 ROD NO. 95 & 96

INDEXED F. S. TELLEZ DATE APR 21 71 NOTES CHKD. DATE

F.B. 4111 PG. 13

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	152	544	453 5	154 150 4	91	951	392 5	118 64 54	54 M- 4 M= 50 M=0.20 mm
2	156	240	457 5	158 154 4	216 ~~308~~	867 ~~818~~	517 5	243 189 54	54 M- 4 M= 50 M=0.20 mm
	308	784		8	308	818		108	
	+				-0.	0.40 mm mm		-8	Curvature Corr.=0.40 mm
					308	878		100	
					308	784			
					-	094			
				mm= "C"					
					-	0.001		mm= "C"	
					100	0.94			

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. 206-20A TO B.M. 206-21
B.M. 206-20A													B.M. 206-20A
1	250	353	551	5	286 214	72	37	207	338	5	73 3	70	SAUGUS-VENTURA RD. & POTRERO CN. RD.
													SEE F.B. 3719-240
2	232	752	533	5	267 197	70	30	994	331	5	64 30	68	
						142						138	
3	208	373	509	5	234 182	52	88	098	389	5	116 60	56	⊼ J. MALDONADO
						194 ✓						194 ✓	
												194	
	691	478 ✓					156	299 ✓				388 ✓	
B.M. 206-21	156	299											B.M. 206-21 (F.C. 096-67330, 1964)
													SAUGUS VENTURA RD. E. OF MAYO SIDING
	+535	179 ✓											SEE F.B. 3719-241

JOB NO. ~~0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET~~ 0020.03 EARTHQUAKE STUDIES

SURVEY BY G. E. DREIER

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

INDEXED F. S. TELLEZ DATE APR 21 '71

WEATHER CLEAR-WINDY 75°

TIME 2:20 TO 2:35

NOTES CHKD. BLANCHARD DATE APR 2 2 71

INST. NO. 96716

ROD NO. 95896

F.B. 4111 PG. 15

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. 4111 PG. 16 JOB NO 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 4-19-71

INDEXED F. S. TELLEZ DATE

WEATHER LIGHT WIND OVER CAST INST. NO 26716

TIME 2'20 ROD NO 25 & 24

NOTES CHKD BANCROFT DATE

61°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 206-21 TO BM 206-20A
BM 206-21											1279		BM 206-21 (F.C. 096-67330)
1	74	521	325	5	104 44	60	279	746	580	5	249	60	SAUGUS VENTURA RD. AT E. END OF MAYO SIDING
											265		
2	26	001	327	5	64 ½ 26	76	227	170	528	5	189	76	SEE F.B. 3719-241
						186						136	
3	102	783	403	5	130 74	56	231	662	532	5	259 203	56	
						192 ✓						192 ✓	↑ J. MALDONADO
BM 206-20A												192	
	203	305 ✓					738	578 ✓				384	BM 206-20A
							203	305					SAUGUS-VENTURA RD. & POTRERO CN. RD. SEE F.B. 3719-240
							−535	273 ✓					

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 — COUNTY ENGINEER
SURVEY BY G.E. DREIER — DATE 4-7-71 — WEATHER CLEAR, LT. WIND — INST. NO 96716
NOTES BY G.E. DREIER — TIME 2:35 TO 3:15 — ROD NO 25896
INDEXED F. S. TELLEZ — DATE APR 21 71 — NOTES CHKD. BLANCHARD — DATE
F.B. 4111 PG. 17

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 206-21 TO B.M. 206-22
B.M. 206-21					204						112		B.M. 206-21 (F.C. 096-67330) SIDING
1	169	969	470	5	134	70	76	882	377	5	40	72	SAUGUS - VENTURA RD. AT E. END OF ARROYO
					185						198		SEE F.B. 3719-241
2	158	820	459	5	131	54	169	960	470	5	140	58	
					98	124					118	130	
3	64	801	365	5	30	68	88	455	389	5	58	60	T J. MALDONADO
					233	192					231	190	
4	200	160	501	5	167	66	198	012	499	5	165	66	
					125	258					220	256	
B.M. 206-21A	94	348	395	5	63	62	191	977	492	5	162	58	
5					123	320					130	314	
6	85	359	386	5	47	76	88	222	389	5	46	84	
						396	✓					398	✓
												396	
	773	457	✓				813	508	✓			794	✓
B.M. 206-22							773	457					B.M. 206-22 440.33
							40	051	✓				RR. S. OF SAUGUS - VENTURA RD. AT M.L.
													SEE F.B. 3719-243

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. 4111 PG. 18 JOB NO 0020.05
SURVEY OF EARTHQUAKE STUDIES
SURVEY BY DREIER NOTES G. E. DREIER 4-19-71
INDEXED F. S. TELLEZ DATE
WEATHER OVERCAST INST. NO 96216
TIME 1:55 ROD NO 25892
NOTES CHKD RICHARD DATE
61°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 206-22 TO B.M. 206-21
B.M. 206-22									B.M. 206-22
1	142	496	443 5	184 / 100 = 84	136	408	437 5	174 / 93 = 86	R.R. BRIDGE AT MI. 440.33
									SEE F.B. 3719-243
2	203	489	504 5	242 / 164 = 78	97	741	398 5	135 / 59 = 76	
3	169	863	470 5	208 / 130 = 78	243	382	544 5	284 / 202 = 82	↑ J. MALDONADO
				162				162	
4	245	956	546 5	283 / 207 = 76	127 / ~~276~~	696 / ~~969~~	428 5	165 / 89 = 76	
				240				244	
5	116	940	417 5	151 / 81 = 70	186	612	487 5	220 / 152 = 68	
				316				320	
6	127	351	428 5	135 / ~~109~~ 109 = ~~16~~ 26	174	387	475 5	181 / 167 = 14	
				386				388	
				402 ✓				402 ✓	
B.M. 206-21					966 / ~~1115~~	226 ✓ / 499		402	B.M. 206-21 (F.C. 096-67330)
	1006	095 ✓			1006	095		804 ✓	SAUGUS-VENTURA RD AT E. END OF MAYO SIDING
	966	~~499~~ 226							SEE F.B. 3719-241
	39	~~596~~ 869 ✓			~~109~~ 404				

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. 8301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — 57°
SURVEY BY G.E. DREIER — WEATHER OVERCAST — INST. NO 26716
NOTES BY G.E. DREIER — DATE 4-20-71 — TIME 9:15 TO — ROD NO 25896
INDEXED F.S. MILLER — DATE APR 21 71 — NOTES CHKD — DATE
F.B. 4111 PG. 19

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M.206-22											183		B.M.206-22
1	146	468	447	5	185 / 107	78	143	384	444	5	303	80	RR. BRIDGE AT M. 440.33
													SEE F.B. 3719-243
2	193	019	494	5	231 / 155	76	93	618	394	5	132 / 54	78	
						154						158	T J. MALDONADO
3	167	631	468	5	208 / 126	82	222	661	523	5	260 / 184	76	RERUN
						236						234	
4	224	991	525	5	266 / 182	84	123	578	424	5	164 / 82	82	
						320						316	
5	125	060	426	5	163 / 87	76	234	198	535	5	277 / 191	86	
						396 ✓						462 ✓	
												396	
	857	169 ✓					817	439 ✓				798 ✓	
B.M.206-21	817	439											B.M.206-21 (F.C. 096-67330) STOING
	39	730 ✓											SAUGUS-VENTURA RD AT E. END NKAO
													SEE F.B. 3719-241

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RERUN RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 206-21 TO B.M. 206-22
B.M. 206-21													B.M. 206-21 (F.C. 096-67330)
1	235	223	536	5	277 / 193	84	126	107	427	5	167 / 85	82	SAUGUS-VENTURA RD AT E. END
													OF MAYO SIDING
2	140	741	441	5	182 / 98	84	242	416	543	5	284 / 200	84	SEE F.B. 3719-241
						168						166	
3	235	722	536	5	277 / 193	84	188	806	489	5	231 / 145	86	RERUN
						252						252	⊼ J. MALDONADO
4	95	303	396	5	135 / 55	80	188	061	489	5	228 / 148	80	
						332						332	
5	146	289	447	5	181 / 111	70	147	768	448	5	182 / 112	70	
						402						402	
												402	
	853	278					893	153				804	
B.M. 206-22							853	278					B.M. 206-22
							-39	875					SAUGUS-VENTURA RD., S. of, AT
													RR. BRIDGE AT MI. 440.33
													SEE F.B. 3719-243

58°

WEATHER THIN OVERCAST INST. NO. 96716

TIME 950 TO 10:15 ROD NO. 9589

NOTES CHKD. [illegible] DATE

JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 4-20-71

INDEXED F. S. TELLEZ DATE

4111 FG. 20

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 206-22 TO B.M. 206-22A
B.M. 206-22									B.M. 206-22
									SAUGUS-VENTURA RD. & R.R. AT BRIDGE
1	156	158	457 5	160 152 8	152	001	453 5	156 148 8	MI. 440.33
								8	SEE F.B. 3719-243
	2							16 ✓	
	152	001							B.M. 206-22A (U.S.C.&G.S. C 1219 1977)
									SAUGUS-VENTURA RD., R.R. BRIDGE
	+ 4	157 ✓							AT MI 440.33
									SEE F.B. 3719-243
			RERUN 4-20-71 OVERCAST, TEMP = 57° 9:15 AM.						
B.M. 206-22	156	495	457 5	160 152 8	152	263	453 5	156 148 8	
								8	
B.M. 206-22A	152	263							
								16 ✓	
	+ 4	232 ✓							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
EARTHQUAKE STUDIES 0020.05
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 4-15-71 WEATHER CLEAR 74° TIME 10:25
INDEXED F. S. TELLEZ DATE APR 21 71 NOTES CHKD DATE
F.B. 4111 PG. 21
INST. NO 96716
ROD NO 95896

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.206-22A TO B.M.206-22
B.M.206-22A													B.M.206-22A (U.S.C&G.S. C1219 1971)
					159						163		R.R. BRIDGE AT MI. 440.33
1	155	287	456	5	151	8	159	519	460	5	155	8	SEE F.B. 3719-243
							155	287				8	
													J. MALDONADO
							-4	232 ✓				16 ✓	
B.M.206-22													B.M.206-22
													RR. BRIDGE AT MI. 440.33
													SEE F.B. 3719-243

61° GUSTY WIND

WEATHER OVERCAST INST. NO. 96716

TIME 1:50 ROD NO. 95 [illegible]

NOTES CHKD [illegible] DATE [illegible]

4111 PG. 22 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 4-19-71

INDEXED F. S. TELLEZ DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM.206-22A TO BM.206-24A
BM.206-22A									B.M.206-22A (U.S.C.&G.S. C 1219 1971)
1	234	373	535 5	270 198 72	83	222	384 5	119 47 72	SAUGUS-VENTURA RD., R.R. BRIDGE AT
									mi 440.33
2	230	913	531 5	266 194 72	107	147	408 5	141 73 68	SEE F.B. 3719-243
				144				140	
3	246	701	547 5	283 209 74	51	346	352 5	88 14 74	
				218				214	⊼ J. MALDONADO
4	273	199	574 5	273 236 74	55	076	356 5	92 55 74	
				292				288	
5	273	467	574 5	292 254 38	107	738	408 5	128 86 42	
				330				330	
6	285	612	586 5	304 266 38	96	515	397 5	116 76 40	
				368				370	
7	30	051	331 5	38 22 16	264	291	565 5	272 256 16	
				384				386	
8	63	911	364 5	92 34 58	38	821	339 5	66 10 56	
				442				442	
9	178	652	479 5	181 175 6	164	836	465 5	168 160 8	
				448 ✓				450 ✓	
BM.206-24A								448	B.M.206-24A (F.C. B.M. 096-67880 1969)
	1816	879 ✓			968	992 ✓		898 ✓	W. OF R.R. BRIDGE, S.W. OF SAUGUS-
	968	992							VENTURA RD. & CHIQUITO CN. RD.
									SEE F.B. 3721-215
	+847	887 ✓							

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

SURVEY BY G.E. DREIER DATE 4-15-71 WEATHER CLEAR 74° TIME 10:30 TO 11:15 INST. NO 96716

NOTES BY G.E. DREIER DATE APR 21 '71 NOTES CHKD. ROD NO. 95 & 96 DATE

INDEXED F. S. TELLEZ

F.B. 4111 PG. 23

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM.206-24A TO B.M.206-22A
B.M.206-24A									B.M.206-24A (F.C. 096-67880)
1	135	711	436 5	160 110 50	206	837	507 5	231 181 50	S.W. OF R.R. BRIDGE S.W. OF SAUGUS
2	83	571	384 5	122 44 78	227	718	528 5	265 189 76	VENTURA RD. & CHIQUITO CN. RD
									SEE F.B. 3721-215
3	74	194	375 5	113 35 128 78	238	311	539 5	278 198 126 80	
4	60	458	361 5	98 22 206 76	229	607	530 5	267 191 206 76	⊼ J. MALDONADO
5	73	985	374 5	113 33 282 80	237	909	538 5	277 197 282 80	
6	87	717	388 5	120 54 ~~174~~ 362 66	227	341	528 5	260 194 362 66	
~~B.M.206-22A~~				~~428~~				~~428~~	
	~~15~~	~~636~~						~~428~~	
								~~856~~	
7	157	312	458 5	161 153 8	153	071	454 5	157 149 8	
				436 ✓				436 ✓	
								436	
B.M.206-22A	672	948 ✓			1520	794 ✓		872 ✓	B.M. 206-22A (U.S.C.&G.S.C 1219 1977)
					672	948			R.R. BRIDGE AT MI. 440.33
									SEE F.B. 3719-243
					-X 847	846 ✓			

WEATHER GUSTY WIND INST. NO. 96716

TIME 1:15 TO 1:50 ROD NO. 95896

NOTES CHKD. DATE

70°

4111 -24 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 4-19-71

INDEXED F. S. TELLEZ DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO 26716
NOTES BY G.E. DREIER DATE G.E. DREIER 4-15-71 TIME 11:15 TO 11:55 ROD NOS 95496
INDEXED F. S. TELLEZ DATE APR 21 71 NOTES CHKD DATE

F.B. 4111 PG. 25

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 206-24A TO B.M. 206-23
B.M. 206-24A					230						194		B.M. 206-24A F.C. 096-67880
1	200	773	501	5	170	60	164	803	465	5	134	60	R.R. BRIDGE S. OF SAUGUS-VENTURA RD. & CHIQUITO CN RD.
					254			389			106		
2	240	012	541	5	226	28	92	~~389~~ 389	393	5	78	28	SEE F.B. 3721-215
						88 ✓						88 ✓	
												88	T. J. MALDONADO
	440	785 ✓					257	192 ✓				176 ✓	
B.M. 206-23	259	192											B.M. 206-23
													SAUGUS-VENTURA RD & CHIQUITA CN. RD.
+	183	593 ✓											SEE F.B. 3719-245

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. 206-23 TO B.M. 206-24A
B.M. 206-23													B.M. 206-23
1	114	748	415	5	140 88	52	121	542	422	5	147 95	52	SAUGUS-VENTURA RD. &
													CHIQUITO CN. RD.
2	84	952	385	5	115 53	62	261	612	562	5	291 231	60	SEE F.B. 3719-245
						114						112	
												114	⊼ J. MALLONALO
	199	700					383	154				226	
B.M. 206-24A							199	700					B.M. 206-24A (FC 096-67880
							183	454					RR. BRIDGE S.W. OF SAUGUS-VENTUR
													RD. & CHIQUITO CN RD
													SEE F.B. 3721-215

SURVEY OF EARTHQUAKE STUDIES JOB NO. 0301.02 0020.05 WEATHER SCAT. CLOUDS INST. NO. 96716

SURVEY BY DREIER NOTES DREIER 4-19-71 TIME 1:00 TO 1:15 ROD NO. 9589

INDEXED F. S. TELLER DATE NOTES CHKD BLANCHARD DATE

411 26

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 76°
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 4-15-71 WEATHER LT. WIND INST. NO. 26716
TIME 1:00 TO 4:10 ROD NO. 95892
INDEXED F. S. TELLEZ DATE APR 21 '71 NOTES CHKD DATE
F.B. 4111 PG. 27

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 206-23 TO B.M. 206-24
M.206-23													B.M. 206-23
1	250	130	551	5	2-58 242	16	14	052	315	5	22 6	16	SAUGUS-VENTURA RR. & CHIQUITO CN RR
													SEE F.B. 3719-245
2	241	243	642	5	2-54 228	26	48	109	349	5	1-1 35	26	
						42						42	T = DREIER
3	143	312	444	5	146 140	6	99	971	400	5	1-02 96	6	
						48 ✓						48	✓
M.206-24												48	B.M. 206-24 (F.C.B.M. 147-00000)
	634	685 ✓					162	132 ✓				96 ✓	SAUGUS-VENTURA RD. ; CHIQUITO CN
	162	132											& WALNUT RD.
+	472	553 ✓											SEE F.B. 3719-245

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. 206-24 TO B.M. 206-23
B.M. 206-24													B.M. 206-24 (F.C. B.M. 147·00000
1	10	048	311	5	27 ½ 10	34	300	835	601	5	1300 280	40	SAUGUS-VENTURA RD., CHIQUITO CN
													RD. & WALNUT RD.
2	83	292	384	5	97 69	28	265	129	566	5	276 254	22	SEE F.B. 3719-245
						62 ✓						62 ✓	π = DREIER
B.M. 206-23												62	B.M. 206-23
	93	340 ✓					565	964 ✓				124 ✓	SAUGUS-VENTURA RD. & CHIQUITA CN RD
							93	340					SEE F.B. 3719-245
							472	624 ✓					

T = 70°

WEATHER LT. WIND INST. NO. 9671

TIME 11:40 TO 12:00 ROD NO. 9587

NOTES CHKD BLANCHARD DATE APR 2 2

4111 28 JOB NO. 0820.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES SIEMANN 4-19-71

INDEXED F. S. TELLEZ DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 206-24 TO B.M. 206-25
M.206-24	3	5 5											B.M. 206-24 (F.C. B.M. 147-00000)
1	75	367	376	5	77 51	48	75	600	376	5	100 50	50	SAUGUS-VENTURA RD., CHIQUITO CN.
													RD. & WALNUT RD.
2	270	888	571	5	298 242	56	10	922	311	5	139 1/2 10	58	SEE F.B. 3719-245
						104						108	
3	253	506	554	5	273 233	40	29	840	330	5	50 8	42	
						144						150	
4	263	448	564	5	287 239	48	77	008	378	5	98 56	42	
						192						192	
5	227	235	528	5	259 195	64	152	490	453	5	184 120	64	
						256						256	π = DREIER
6	108	076	409	5	140 76	64	236	622	537	5	267 205	62	
						320						318	
7	56	362	357	5	91 19	72	196	109	497	5	231 161	70	
						392						388	
8	44	763	345	5	51 37	14	279	841	580	5	281 277	4	
						406						392	
9	19	275	320	5	20 18	2	260	000	561	5	267 253	14	
						408 ✓						406 ✓	
M.206-25												408	B.M. 206-25
	1318	9~~4~~2 0 ✓					1318	432 ✓				814 ✓	SAUGUS-VENTURA RD. & CULVERT #
	1318	432											A188+92 UNDER R.R. TRACK
	+	~~0 508~~											SEE F.B. 3719-
	+	0 488 ✓											

JOB NO. ~~030102 SURVEY OF L.A. CO. PRECISE LEVEL NET~~ 0020.05 EATHQUAKE STUDIES

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 4-15-71

INDEXED F. S. TELLEZ DATE APR 21 71

WEATHER LT WIND T=76°

TIME 1:10 TO 1:45

NOTES CHKD

INST. NO. 96716

ROD NO. 95 & 96

DATE

F.B. 4111 PG. 29

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. 4111 PG. 30 JOB NO 0020.05
SURVEY OF EARTHQUAKE STUDIES
SURVEY BY DREIER NOTES SIEMANN 4-19-71
INDEXED F. S. TELLEZ DATE
WEATHER SUNNY, CLEAR INST. NO 27776
TIME 11:10 TO 11:40 ROD NO 75824
NOTES CHKD PLANIMETER DATE
T= 70°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 206-25 TO B.M. 206-24
B.M. 206-25													B.M. 206-25
1	267	997	568	5	273 261	12	9	221	310	5	15 3	12	SANTA PAULA R.R. & CULVERT A 188+?
													SEE F.B. 3719-247
2	258	335	559	5	268 248	20	19	762	320	5	30 8	22	
						32						34	
3	194	513	495	5	227 161	66	41	828	342	5	77 5	72	
						98						106	
4	245	236	546	5	275 215	60	126	675	427	5	155 97	58	
						158						164	
5	118	075	419	5	161 75	86	277	915	578	5	277 236	82	π = DREIER
						244						246	
6	6	570	307	5	38 6	64	299	805	600	5	299 271	56	
					49	308					302	302	
7	24	425	325	5	-1	50	275	103	576	5	248	54	
						358						356	
8	45	987	346	5	75 15	60	116	052	412	5	142 80	62	
						418 ✓						418 ✓	
B.M. 206-24												418	B.M. 206-24 (F.C.B.M. 147-00000)
	1161	138 ✓					1161	361 ✓				836	AUGUS-VENTURA RD; CHIQUITA
							1161	138 ✓					CN. RD. & WALNUT RD. IN BRIDGE.
							-0	223 ✓					SEE F.B. 3719-245

JOB NO. ~~0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET~~ 0020.05 T=78° F.B. 4111 PG. 31

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

NOTES BY SIEMANN DATE 4-15-71 TIME 1:45 TO 1:50 ROD NO. 95896

INDEXED F. S. TELLEZ DATE APR 21 '71 NOTES CHKD. DATE APR

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
B.M. 206-25									FROM B.M. 206-25 TO B.M. 206-25A
1	208	590	509 5	210 206 4	210	732	511 5	212 208 4	B.M. 206-25
								4	SAUGUS-VENTURA RD. & CULVERT
					208	590		8 ✓	#A-188+92 SEE F.B. 3719-247
									T = DREIER
B.M. 206-25A					-	2	142 ✓		B.M. 206-25A (U.S.C&GS D-1219)
									SANTA PAULA R.R. & CULVERT#
									A188+92
									SEE F.B. 3719-247

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. 206-25A TO B.M. 206-25
B.M. 206-25A													B.M. 206-25A (U.S.C. & G.S. D-1219
1	210	639	511	5	212 208	4	208	580	509	5	210 206	4	SANTA PAULA R.R. & CULVERT #
												4	SEE F.B. 3719-247
	208	580										8	π = DREIER
B.M. 206-25	2	059 ✓											B.M. 206-25 A-1.88 #9
													SANTA PAULA R.R. & CULVERT #
													SEE F.B. 3719-247

T = 70°

WEATHER SUNNY CLEAR INST. NO. 96716

TIME 11:05 TO 11:10 ROD NO. 9549

NOTES CHKD [illegible] DATE

4111 - 3L JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES SIEMANN 4-19-71

INDEXED F. S. TELLEZ DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 206-25A TO B.M. 206-26
B.M. 206-25A									B.M. 206-25A (U.S.C.&G.S. D-1219)
1	265	983	566 5	303 227 76	97	933	398 5	135 59 76	SATA PAULA RR. & CULVERT # A188+92
									SEE F.B. 3719-247
2	217	465	518 5	252 182 70	135	888	436 5	170 100 70	
				146				146	
3	125	961	426 5	159 91 68	209	175	510 5	243 175 68	
				214				214	π = DREIER
4	98	250	399 5	137 59 78	238	000	539 5	276 200 76	
				292				290	
5	101	039	402 5	118 84 34	191	395	492 5	209 173 36	
				326 ✓				326 ✓	
B.M. 206-26								326	B.M. 206-26
	808	698 ✓			872	391 ✓		652	SANTA PAULA R.R. & CULVERT # 441.83
					808	698			SEE F.B. 3719-249
					63	693 ✓			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 28°

SURVEY BY G.E. DREIER WEATHER LT. WIND INST. NO 76 266

NOTES BY SIEMANN DATE 4-15-71 TIME 1:50 TO 2:10 ROD NO. 95496

INDEXED F. S. TELLEZ DATE APR 21 '71 NOTES CHKD DATE

F.B. 4111 PG. 33

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 206-26 TO B.M. 206-25A
B.M. 206-26									B.M. 206-26
1	182	117	483 5	198 166 32	74	013	375 5	89 59 30	SANTA PAULA R.R. & CULVERT #441.83
									SEE F.B. 3719-249
2	208	971	509 5	238 178 60	111	642	412 5	142 80 62	
				92				92	
3	189	648	490 5	218 160 58	101	250	402 5	132 70 62	
				150				154	π = DREIER
4	196	745	497 5	225 167 58	179	014	480 5	207 151 56	
				208				210	
5	107	669	408 5	134 80 54	212	600	513 5	241 183 58	
				262				268	
6	114	464	415 5	147 81 66	257	334	558 5	287 227 60	
				328 ✓				328 ✓	
B.M. 206-25A								328	B.M. 206-25A (U.S.C.&G.S. D-1219
	999	614 ✓			935	853 ✓		656	SANTA PAULA R.R. & CULVERT #
	935	853							SEE F.B. 3719-247
	+63	761 ✓							

T = 70°

WEATHER SUNNY, CLEAR INST. NO 96716

TIME 10:30 TO 11:00 ROD NO 95896

NOTES CHKD DATE

JOB NO 0020-05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES SIEMANN 4-19-71

INDEXED F. S. TELLEZ DATE

4111 PG. 34

JOB NO. ~~0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET~~ 0020.05 EARTHQUAKE STUDIES T=78° F.B. 4111 PG. 35

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

NOTES BY SIEMANN DATE 4-15-71 TIME 2:10 TO 2:15 ROD NO. 95896

INDEXED F. S. TELLEZ DATE APR 21 71 NOTES CHKD [illegible] DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 206-26 TO B.M. 206-26A
M.206-26									B.M. 206-26
									SANTA PAULA R.R. & CULVERT #
1	228	520	529 5	230 226 4	232	910	533 5	234 230 4	441.83 SEE F.B. 3719-249
					228	520			π = DREIER
								4	
M.206-26A					-4390V			8	B.M. 206-26A (U.S.C.&G.S. E-1219)
									SANTA PAULA R.R. & CULVERT # 441.83
									SEE F.B. 3719-249

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. 206-26A TO B.M. 206-26
B.M. 206-26A													B.M. 206-26A (U.S.C.&G.S. E 1219)
													SANTA PAULA R.R. & CULVERT # 441.8
1	226	656	527	5	228 224	4	222	257	523	5	224 220	4	SEE F.B. 3719-249
													~~π = DREIER~~
	222	257										4	
B.M. 206-26	+ 4	399										8	B.M. 206-26
													SANTA PAULA R.R. & CULVERT # 441.8
													SEE F.B. 3719-249

T = 70°

WEATHER SUNNY, CLEAR INST. NO. 9671

TIME 10:25 TO 10:30 ROD NO. 9589

NOTES CHKD STANCHARD DATE

JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES SIEMANN 4-19-71

INDEXED F. S. TELLEZ DATE

4111 PG. 36

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER CLT. WIND INST. NO. 86716
NOTES BY SIEMANN DATE 4-15-71 TIME 2:22-2:40 ROD NO. 95496
INDEXED F.S. TELLEZ DATE APR 21 71 NOTES CHKD DATE

T= 78

F.B. 4111 PG. 37

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		
M.206-26A													B.M.206-26A (U.S.C.&G.S. E-1219)
1	213	013	514	5	245 181	64	153	322	454	5	183 121	62	SANTA PAULA RR. & CULVERT # 441
													SEE F.B. 3719-249
2	143	017	444	5	173 113	60	92	798	393	5	122 62	60	
					175	124					144	124	T= DREIER
3	153	481	454	5	131	44	122	770	423	5	100	44	
						168 ✓						168 ✓	
M.206-27												168	B.M. 206-27 (F.C.B.M. 096-68340)
	509	511 ✓					368	621				336 ✓	SANTA PAULA R.R. & MI. POST. 442
	368	890						890					SEE F.B. 3719-251
	+140	621 ✓											

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. 4111 PG. 38 JOB NO. 00200.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES SIEMANN 4-19-71

INDEXED F. S. TELLEZ DATE

WEATHER SUNNY & CLEAR INST. NO. 76716

TIME 10:10 TO 10:25 ROD NO. 95591

NOTES CHKD DATE

T = 70°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 206-27 TO B.M. 206-26A
B.M. 206-27					137						224		B.M. 206-27 (F.C.B.M. 096-68340)
1	106	626	407	5	75	62	193	107	494	5	162	62	SANTA PAULA R.R. & MI. POST #442
					157						209		SEE F.B. 3719-251
2	126	830	427	5	95	62	180	650	481	5	151	58	
					238	124					236	120	
3	216	739	517	5	194	44	212	687	513	5	188	48	T- DREIER
					226	168					231	168	
4	224	639	525	5	222	4	229	048	530	5	227	4	
						172 ✓						172 ✓	
B.M. 206-26A												172	B.M. 206-26A (U.S.C. & G.S. E 444)
	674	834	✓				815	492 ✓				344	SANTA PAULA R.R. & CULVERT
							674	834					SEE F.B. 3719-249
						-	140	658 ✓					

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 T= 78°
SURVEY BY G.E. DREIER WEATHER LT. WIND F.B. 4111 PG. 39
NOTES BY G. SIEMANN DATE 4-15-71 TIME 2:40 3:02 INST. NO. 96716
INDEXED F.S. TELLEZ DATE APR 21 71 NOTES CHKD DATE ROD NO. 95896

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 206-27 TO B.M. 206-28
B.M. 206-27													B.M. 206-27 (F.C.B.M. 096-68340)
1	191	822	492	5	225 157	68	66	381	367	5	100 32	68	SAUGUS - VENTURA RD. & MI. POST. 442.
													SEE F.B. 3719-231
2	196	965	497	5	233 159	74	81	453	382	5	118 44	74	
						142						142	
3	106	728	407	5	134 78	56	69	888	370	5	97 41	56	
						198						198	T = DREIER
4	136	519	437	5	196 98	76	76	951	377	5	112 36	80	
					209	274					137	278	
5	177	092	478	5	145	64	107	657	408	5	75	64	
					220	338						342	
6	188	530	489	5	156	64	89	729	390	5	119 59	60	
						402 ✓						402 ✓	
B.M. 206-28												402	B.M. 206-28 (F.C.B.M. 096-68640)
	997	656 ✓					492	059 ✓				804	SAUGUS - VENTURA RD. & OIL WELL # 9
	492	059											SEE F.B. 3719-253
	+ 505	597 ✓											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M.206-28 TO B.M.206-27
B.M.206-28													B.M.206-28
1	84	845	385	5	120 / 48	72	197	280	498	5	233 / 161	72	S. OF SAUGUS-VENTURA RD, 0.2 MI. W.
													OF CASTIAC CR, OIL WELL #9
2	129	029	430	5	161 / 97	64	190	389	491	5	222 / 158	64	~~SEE F.B.~~ (F.C. 096-68640)
						138						136	SEE F.B. 3719-253
3	115	517	416	5	147 / 83	64	188	082	489	5	220 / 156	64	
						200						200	
4	127	192	428	5	159 / 95	64	194	221	495	5	226 / 162	64	
						264						264	
5	131	428	432	5	163 / 99	64	187	905	488	5	219 / 155	64	T = DREIER
						328						328	
6	83	565	384	5	116 / 50	66	204	074	505	5	235 / 173	62	
						394						390	
7	145	100	446	5	150 / 140	10	160	348	461	5	167 / 153	14	
						404 ✓						404 ✓	
B.M.206-27												404	B.M.206-27 (F.C.B.M. 096-68340)
	816	676 ✓					322	299 ✓				808	SANTA PAULA R.R. & P.P. #
							816	676					SEE F.B. 3719-251
							505	623 ✓					

T = 68°

WEATHER SUNNY & CLEAR INST. NO 96716

TIME 9:40 TO 10:10 ROD NO 95 & 96

NOTES CHKD DATE

4111 40 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES SIEMANN 4-19-71

INDEXED F. S. TELLEZ DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0501.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — F.B. 411 Pg. 41
SURVEY BY G.E. DREIER — DATE 4-16-71 — WEATHER THIN OVERCAST T = 68° — INST. NO 26716
NOTES BY G.E. DREIER — DATE 4-16-71 — TIME 11:35 TO 10:50 — ROD NO 9596
INDEXED — DATE — NOTES CHKD — DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 206-28 TO B.M. 206-29
B.M. 206-28					239								B.M. 206-28 (F.C. 096-68640)
1	195	270	496	5	151	88	9	891	310	5	53 ½ 9	88	S. OF SAUGUS-VENTURA RD. 0.2 mi.
					277								W. OF CASTAIC CR.
2	239	251	540	5	201	76	76	535	327	5	111 41	70	SEE F.B. 3719-253
					165	164						158	
3	145	055	446	5	125	40	128	044	429	5	752 104	48	R. SIEMANN
						204 ✓						206 ✓	
B.M.												204	B.M. 206-29 (F.C. B.M. 096-68870)
	579	576 ✓					214	470 ✓				410	SAUGUS-VENTURA RD. AT CASTAIC CR.
	2-1-4	4-70											SEE F.B. 3719-255
	365	106 ✓											

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

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

Do not extend notes this side of this line.

INST. NO. 96116
ROD NO. 9588
DATE
WEATHER OVERCAST 61°
TIME 2:40 TO 2:55
NOTES CHKD
SURVEY OF EARTHQUAKE STUDIES JOB NO. 0020.05
SURVEY BY DREIER NOTES G.E. DREIER 4-16-71
INDEXED F. S. TELLEZ DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.206-29 TO B.M.206-28
B.M.206-29				154				281	B.M.206-29 (F.C.B.M.096-68870)
1	95	850	396 5	36 118	281	630	582 5	226 110	SAUGUS-VENTURA AT CASTAIC CR.
				89				171	SEE F.B. 3719-255
2	45	021	346 5	1 88	224	520	525 5	177 94	
				206 ✓	✓			204 ✓	
								206	R. SIEMANN
	140	871 ✓			506	150 ✓		410 ✓	
B.M.206-28					140	871			B.M.206-28 (F.C. 096-68640)
					365	279 ✓			S. OF SAUGUS-VENTURA RD., 0.2 MI. W. OF CASTAIC CR
									SEE F.B. 3719-253

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 68°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 4-16-71
INDEXED F. S. TELLEZ DATE APR 21 '71
WEATHER THIN OVERCAST INST. NO 96716
TIME 10:50 TO 11:30 ROD NO 95896
NOTES CHKD BLANCHARD DATE
F.B. 4111 PG. 43

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 206-29 TO B.M. 206-30
B.M. 206-29									B.M. 206-29 (F.C.B.M. 096-68870)
1	129	328	430 5	169 89 80	157	838	458 5	198 116 82	SAUGUS-VENTURA RD. & CASTAIC CR.
									SEE F.B. 3719-255
2	198	820	499 5	238 158 80	110	801	411 5	150 70 80	
3	207	799	508 5	246 168 160 78	116	419	417 5	155 77 162 78	
4	197	040	498 5	232 162 238 70	87	700	388 5	121 53 240 68	⊼ R. SIEMAN
5	197	777	498 5	232 162 308 70	101	971	402 5	136 66 308 70	
6	211	717	512 5	246 176 378 70	109	171	410 5	144 74 378 70	
7	213	500	514 5	257 169 448 88	101	611	402 5	146 56 448 90	
				536 ✓				538 ✓	
B.M. 206-30								536	B.M. 206-30
	1355	981 ✓			785	511 ✓		1074 ✓	S. OF SAUGUS-VENTURA RD. 1 MI. W. OF
	785	511							HWY. 5 OPPOSITE RD TO GRAVEL PIT
	+570	470 ✓							SEE F.B. 3719-257

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

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

Do not extend notes this side of this line.

INST. NO. 76716 ROD NO. 23 852 DATE 12-2-76
WEATHER OVERCAST 62° TIME 2:15 TO 2:40 NOTES CHKD PLANIMETRIC DATE 12-2-76
SURVEY OF EARTHQUAKE STUDIES JOB NO. 0020.05
SURVEY BY DREIER NOTES G.E. DREIER 4-16-71
INDEXED F. S. TELLEZ DATE 4-16-71
4111 44

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM.206-30 TO BM.206-29
B.M.206-30					147						268		B.M.206-30
1	96	070	397	5	45	102	219	270	520	5	170	98	SAUGUS-VENTURA RD. 1MI. W. OF Hwy.
					158						306		OPPOSITE RD. TO GRAVEL PIT
2	105	990	406	5	52	106	252	689	553	5	198	108	SEE F.B. 3719-257
						208						206	
3	104	023	405	5	154		255	622	556	5	304		
					54	100					206	98	
						308						304	T R. SIEMANN
4	78	490	379	5	127		228	060	529	5	283		
					29	98					173	110	
						406						414	
5	117	100	418	5	159		158	260	459	5	199		
					75	84					117	82	
						490						496	
6	163	818	464	5	186		122	051	423	5	142		
					140	46					102	40	
						536 ✓						536 ✓	
B.M.206-29												536	B.M.206-29 (F.C.B.M. 096-68870)
	665	491 ✓					235	952 ✓				1072 ✓	SAUGUS-VENTURA RD. AT CASTIAC CR.
							-665	-491					SEE F.B. 3719-255
							-570	461 ✓					

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 — MAINTENANCE DIVISION
SURVEY BY R.E. DREIER — DATE 4-16-71 — WEATHER THIN OVERCAST — INST. NO 26716
NOTES BY R.E. DREIER — DATE — TIME 11:30 TO 12:00 — ROD NO 25 & 96
INDEXED F. S. TELLEZ — DATE APR 21 71 — NOTES CHKD — DATE
67°
F.B. 4111 PG. 45

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 206-30 TO B.M. 206-31
B.M. 206-30											169		B.M. 206-30
1	188	131	489	5	224 152	72	132	689	433	5	95	74	W. SAUGUS-VENTURA RD. 10 mi. E. OF
													Hwy 5, OPPOSITE RD. TO GAVEL PIT
2	206	200	507	5	242 170	72	111	551	412	5	145 77	68	SEE F.B. 3719-257
						144						142	
3	173	928	474	5	208 138	70	144	198	445	5	176 112	64	
						214					140	206	T R. SIEMANN
4	195	629	496	5	230 160	70	101	609	402	5	62	78	
					253	284					165	284	
5	209	709	510	5	165	88	121	938	422	5	77	88	
						372						372	
6	166	800	467	5	205 127	78	143	645	444	5	183 103	80	
						450					112	452	
7	176	208	477	5	188 164	24	101	930	402	5	90	22	
						474 ✓						474 ✓	
B.M. 206-31												474	B.M. 206-31
	1316	605 ✓					857	560 ✓				948	SAUGUS-VENTURA RD. AT FIRE STATION
	857	560											SEE F.B. 3719-259
	+459	045 ✓											

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 206-31 TO BM 206-30
B.M. 206-31													B.M. 206-30
1	79	238	380	5	112 46	66	162	267	463	5	196 128	68	SAUGUS-VENTURA RD. AT FIRE STATI
													SEE F.B. 3719-259
2	144	990	445	5	195 93	102	209	160	510	5	259 159	100	
						168						168	
3	69	878	370	5	120 18	102	204	581	505	5	255 153	102	↑ R. SIEMANN
						270						270	
4	95	987	396	5	146 44	102	178	999	479	5	227 129	98	
						372						368	
5	110	739	411	5	160 60	100	205	383	506	5	258 152	106	
						472 ✓						474 ✓	
B.M. 206-29												472	B.M. 206-30
	500	832 ✓					960	390 ✓				946 ✓	SAUGUS-VENTURA RD., 1 MI. W. OF Hwy
							500	832					OPPOSITE RD. TO GRAVEL PIT.
													SEE F.B. 3719-257
							-459	558 ✓					

62°

WEATHER THIN OVERCAST INST. NO. 96716

TIME 11:55 TO 2:15 ROD NO. 95[illegible]

NOTES CHKD DATE

F.B. 4111 PG. 46 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES DREIER 4-16-71

INDEXED F. S. TELLEZ DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — EARTHQUAKE STUDIES
SURVEY BY G.E. DREIER — WEATHER THIN OVERCAST — INST. NO. 9676
NOTES BY F.S. TELLEZ — DATE 4-20-71 — TIME 11:20 TO 12:40 — ROD NO 25 & 26
INDEXED — DATE APR 21 — NOTES CHKD — DATE
F.B. 4111 — PG. 47

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
							RERUN						FROM BM. 206-30 TO BM. 206-31
BM. 206-30											188		BM. 206-30
1	225	839	526	5	276 173	103	132	060	433	5	80	103	SAUGUS-VENTURA RD., S. OF RR, 1 MI. W. OF
											139		OPPOSITE RD TO GRAVEL PIT.
2	171	396	472	5	221 121	100	90	730	391	5	41	98	SEE F.B. 3719-257
						203						201	
3	206	958	507	5	255 157	98	87	861	388	5	136 38	98	
	5					301						299	T. R. SIEMANN
4	214	550	516	5	265 165	100	139	340	440	5	188 90	98	RERUN
					215	301					130	397	
5	180	513	481	5	145	70	91	001	392	5	52	78	
						371 ✓						475 ✓	
												471	
	1000	256 ✓					540	992 ✓				946 ✓	
BM. 206-31	540	992											BM. 206-31
													AT FIRE STATION AT CASTAIC JCT.
	+459	264 ✓											SEE F.B. 3719-259

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		RERUN DESCRIPTION AND REMARKS
													FROM B.M. 206-31 TO B.M. 206-30
B.M. 206-31													B.M. 206-31
1	89	639	390	5	132 46	86	177	020	478	5	220 134	86	AT FIRESTATION AT CASTIAC JCT.
													SEE F.B. 3719-259
2	134	998	435	5	184 84	100	221	471	522	5	270 172	98	
						186						184	
3	73	968	374	5	123 23	100	194	921	495	5	246 142	104	RERUN
						286						288	π = SIEMANN
4	136	331	437	5	187 85	102	201	773	502	5	251 151	100	
						388						388	
5	121	553	422	5	164 78	86	220	299	521	5	263 177	86	
						474 ✓						474 ✓	
B.M. 206-30												474	B.M. 206-30
	556	489 ✓					1015	484 ✓				948 ✓	S. OF SAUGUS-VENTURA RD
							556	489					1 MI. W. OF HWY 5 OPPOSITE
													RD TO GRAVEL PIT
							458	995 ✓					SEE F.B. 3719-257

590

WEATHER THIN OVERCAST INST. NO 96716

TIME 11:45 TO 12:00 ROD NO 95896

NOTES CHKD BLANCHARD DATE

JOB NO. 0020.05

SURVEY OF EARTH QUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 4-20-71

INDEXED F. S. TELLEZ DATE

4111 PG. 48

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER THIN OVERCAST 63°
NOTES BY G.E. DREIER DATE 4-16-71 TIME 1:10 TO 1:15 INST. NO 26716
INDEXED F. S. TELLEZ DATE APR 21 71 NOTES CHKD DATE ROD NO 25896
F.B. 4111 PG. 49

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 206-31 TO B.M. 206-31A
B.M. 206-31													B.M. 206-31
					99						177		SAUGUS-VENTURA RD AT CO. FIRE
1	81	420	382	5	63	36	160	288	461	5	143	34	STATION
							81	420				36	SEE F.B. 3719-259
							78	868				70	
B.M. 206-31A													B.M. 206-31A
													S. OF SAUGUS VENTURA RD. OPPOSITE
													FIRE STATION
													SEE F.B. 3721-231

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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM.206-31A TO BM.206-31
BM.206-31A													B.M.206-31A (S.P.Co. RV.60)
													S. OF SAUGUS VENTURA RD. OPPOSITE
1	162	358	463	5	179 145	34	83	496	384	5	101 65	36	CO. FIRE STATION
	83	496										34	SEE F.B. 3721-231
												70	⊼ J. MALDONADO
	+78	862											
BM.206-31													BM.206-31
													SAUGUS-VENTURA RD. AT FIRE STATIO
													SEE F.B. 3719-259

62°

WEATHER THIN OVERCAST INST. NO 96716

TIME 1:50 TO 1:55 ROD NO 95896

NOTES CHKD DATE

4111 50 JOB NO. 0020.05

SURVEY OF EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 4-16-71

INDEXED F. S. TELLEZ DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 206-31A TO B.M. 206-32
B.M. 206-31A													B.M. 206-31A
1	205	073	506	5	235 175	60	140	358	441	5	170 110	60	SAUGUS VENTURA RD. OPPOSITE FIRE STATION
2	155	108	456	5	190 120	70	169	408	470	5	205 133	72	SEE F.B. 3721-231
						130						132	
3	180	773	481	5	214 146	68	122	092	423	5	156 88	68	
						198						200	⊼ J. MALDONADO
4	200	918	501	5	222 178	44	110	830	411	5	130 110	40	
						242 ✓						240 ✓	
												242	
	741	872 ✓					542	688 ✓				482 ✓	
B.M. 206-32	542	688											B.M. 206-32 (U.S.C. & G.S. U-370) OLD HWY. 99 & SAUGUS-VENTURA RD. SEE F.B. 3719-261
	+199	184 ✓											

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-16-71

INDEXED F. S. TELLEZ DATE APR 21 '71

WEATHER THIN OVERCAST 64°

TIME 1:15 TO 1:35

NOTES CHKD

F.B. 4111 PG. 51

INST. NO 96716

ROD NO 95 & 96

DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 206-32 TO B.M. 206-31A
B.M. 206-32													B.M. 206-32 (U.S.C.&G.S. U-370
1	108	389	409	5	108 / 89	38	198	813	499	5	220 / 176	44	OLD HWY 99 & SAUGUS-VENTURA RD
													BACK OF "TIPS"
2	121	158	422	5	160 / 82	78	170	169	471	5	210 / 130	80	SEE F.B. 3719-261
						116						124	
3	153	821	454	5	185 / 121	64	159	271	460	5	186 / 132	54	⊼ MALDONADO
						180						178	
4	134	765	435	5	165 / 103	62	189	159	490	5	221 / 157	64	
						242 ✓						242 ✓	
B.M. 206-31A												242	B.M. 206-31A (S.P. CO RV 60)
	518	133 ✓					717	412 ✓				484 ✓	S. OF SAUGUS-VENTURA RD.
							518	133					OPPOSITE FIRE STATION
													SEE F.B. ~~3719-2~~ 3721-231
							199	279 ✓					

63°

4111 No. 52 JOB NO. 0020.05

SURVEY OF L.A. Co. PRECISE LEVEL NET EARTHQUAKE STUDIES

SURVEY BY DREIER NOTES G.E. DREIER 4-16-71

INDEXED F. S. TELLEZ DATE

WEATHER THIN OVERCAST INST. NO. 96716

TIME 1:35 TO 1:50 ROD NO. 95896

NOTES CHKD BLANCHARD DATE

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

F. B. ~~4109~~ 4111 PG. ~~91~~ 59

JOB NO. 0301.02
L.A.CO. PRECISE LEVEL NET
LINE NO. 11, 1971 RELEVELING

DESCRIPTION REFERENCES

F.B. 1376

F.B. 2880

F.B. 3710

F.B. 3711

DREIER
MALDONADO
SIEMANN
MCKNIGHT

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

Do not extend this side of this line.

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

16 E309S CE#310 3-69

F. B. 4111 PG. 60

ROUTE SKETCH

PORTION OF LINE No. 11, 1971 RELEVELING.

BASE LINE RD.

B.M. 11-69
F.B. 1376-58
F.B. 2880-34

B.M. 11-70A
F.B. 3710-82

FOOTHILL BLVD.

B.M. 11-71
F.B. 1376-63

6TH ST.

B.M. 11-72
F.B. 1376-64

MILLS AVE.

AURORA DR.

B.M. 11-65
F.B. 1376-58

B.M. 11-66
F.B. 1376-59

B.M. 11-66A
F.B. 3710-152

B.M. 11-67
F.B. 1376-60

B.M. 11-68
F.B. 1376-60

A.T. & S.F.R.R.

B.M. 11-73
F.B. 1376-65

MORENO ST.

L.A. CO.

SAN BERNARDINO CO.

B.M. 11-74
F.B. 1376-66

AMERICAN AVE.

B.M. 11-75
F.B. 1376-67

SAN BERNARDINO AVE.

SAN BERNARDINO ST.

MILLS ST.

B.M. 11-76
F.B. 1376-68

KINGSLEY AVE.

(ST.)

(AVE.)

HOLT BLVD.

RESERVOIR ST.

EAST END AVE.

S.P.R.R.

U.P.R.R.

FIRST ST.

B.M. 11-78A
F.B. 2880-36

B.M. 11-77A
F.B. 1376-69

B.M. 11-76A
F.B. 2880-35

CONT. UPPER RIGHT PAGE 61

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

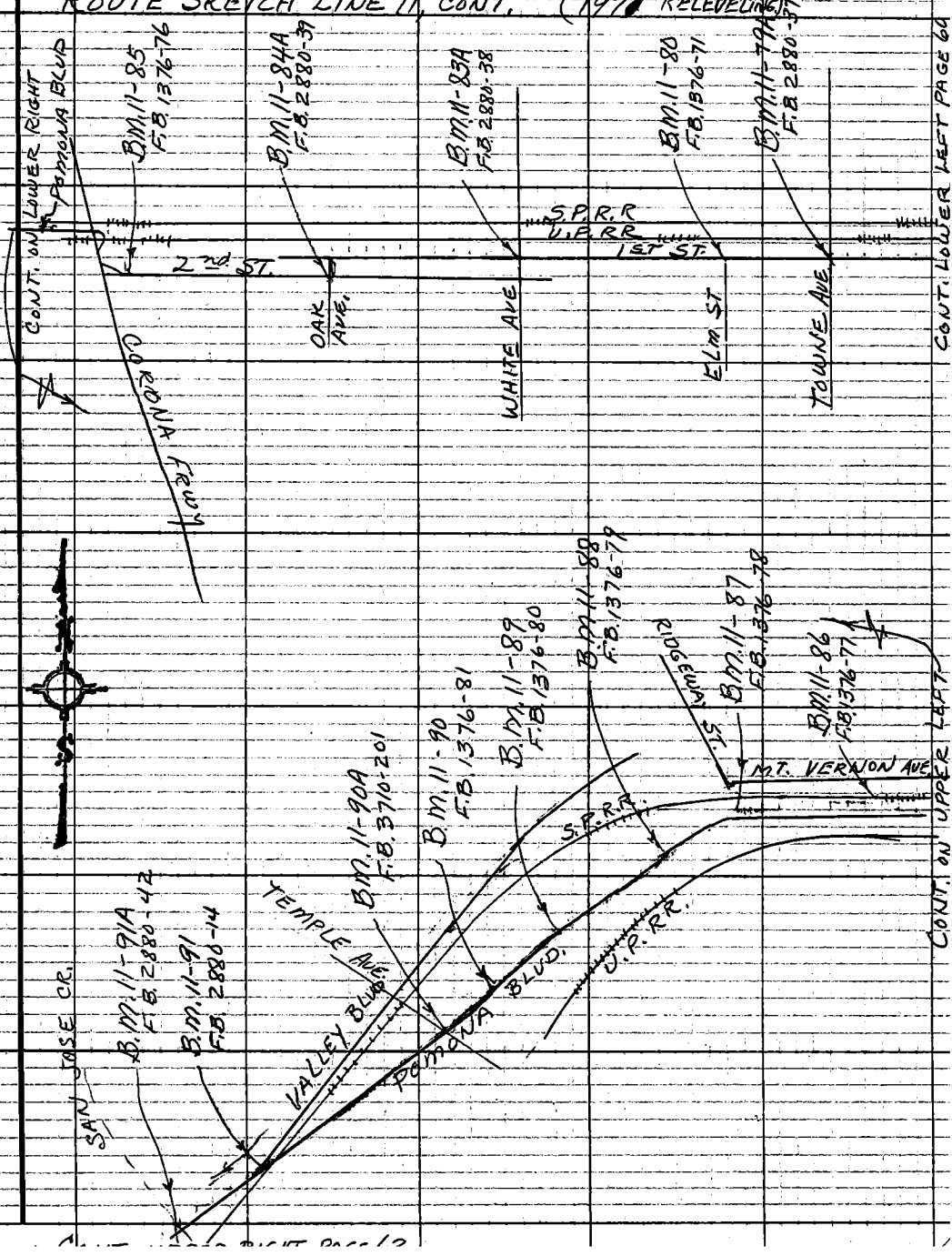
Do not extend this side of this line.

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

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 1970
Date	Indexed [redacted] GALLI MAY 21 '71

F. B. 4111 Pg. 61

ROUTE SKETCH LINE 11, CONT. (1970 RELEVELING)



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

Do not extend this side of this line.

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

76F309S CE#310 3-69

ROUTE SKETCH, LINE 11 (CONT.)

F. B. 4911 PG. 62

CONT. LOWER LEFT PAGE 61

B.M. 11-92
F.B. 2880-42

B.M. 11-93
F.B. 1376-84

B.M. 11-94
F.B. 1376-85

GRAND AVE.

S.P.R.R.

B.M. 11-95
F.B. 2880-45

B.M. 11-96
F.B. 3710-215, 216

B.M. 11-96A
F.B. 3710-216

B.M. 11-97
F.B. 1376-87
CARREY RD.

(OLD) BREA CN. RD.

B.M. 11-98B
F.B. 3710-221

VALLEY BLVD.

B.M. 11-99A
F.B. 1376-87c

LEMON AVE.

CONT. ON LOWER RIGHT

CONT. UPPER RIGHT PAGE 63

GRAND AVE

B.M. 11-104A
F.B. 1376-92B

LA SEDA RD

B.M. 11-103B
F.B. 1376-92A

VALLEY

S.P.R.R.

NOGALES ST

B.M. 11-102B
F.B. 3710-231

BLVD

B.M. 11-101
F.B. 1376-90

B.M. 11-100A
F.B. 2880-47

CAMINO DE TEODORO

CONT. ON UPPER LEFT

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

Do not extend this side of this line.

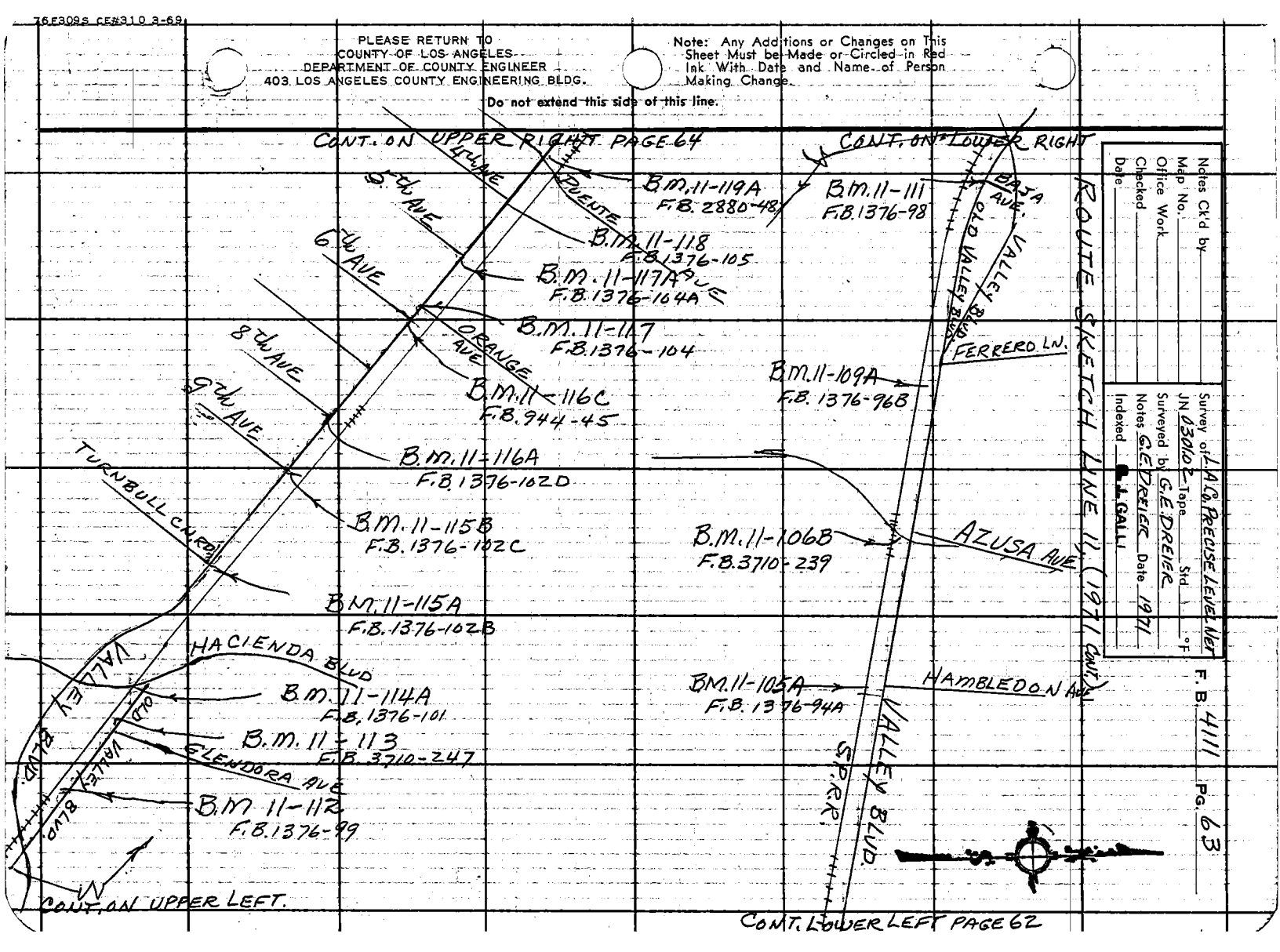
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

76F309S CE#310 3-69

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

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

Do not extend this side of this line.



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

Survey of L.A.Co. PRECISE LEVEL NET
JN 03002 Tape Std °F
Surveyed by G.E. DREIER
Notes G.E. DREIER Date 1971
Indexed
J. GALLI

F. B. 4111 PG. 63

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

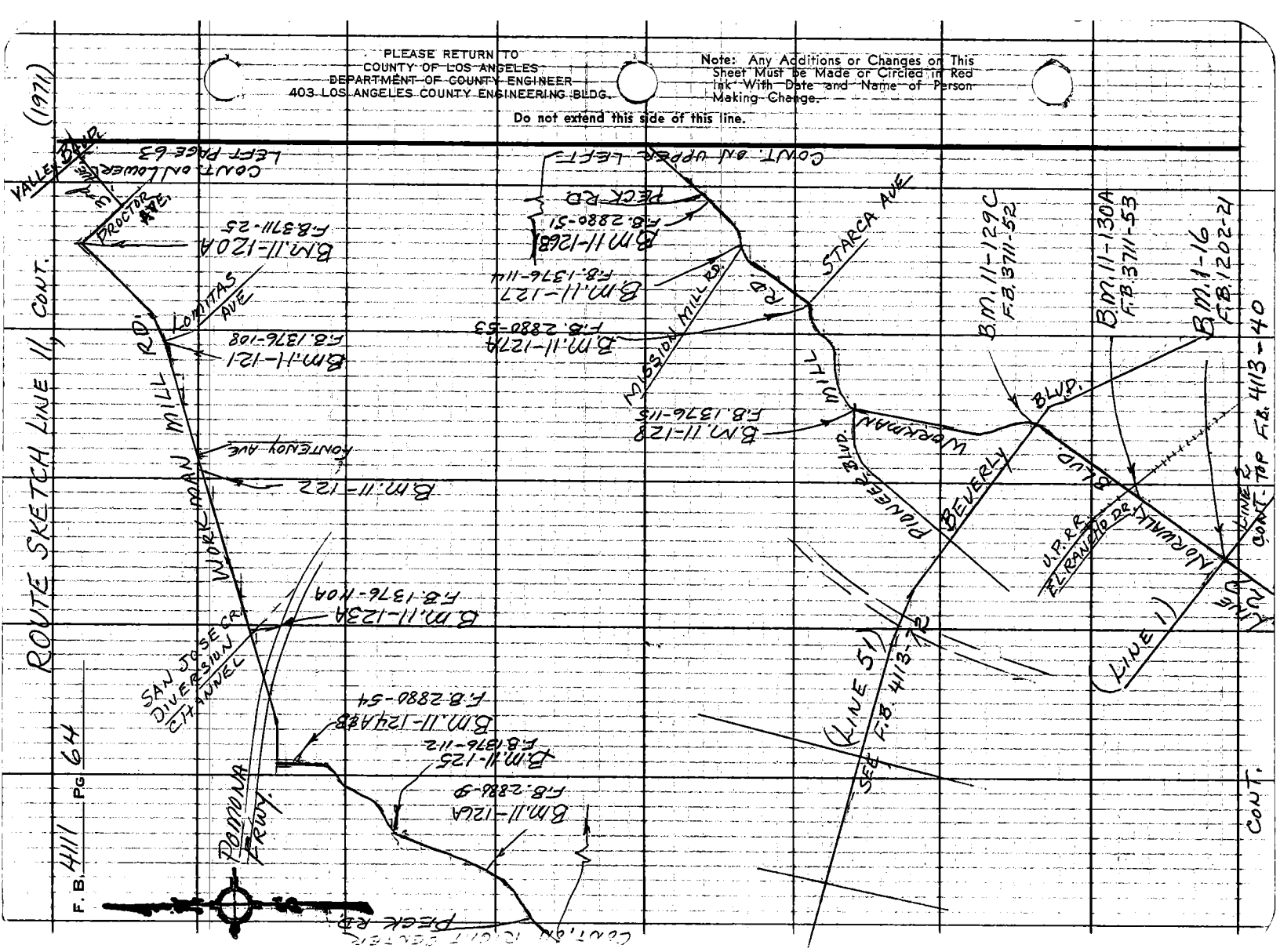
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

(1971)

ROUTE SKETCH LINE 11, CONT.

F. B. 4111 PG 64



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 INST. NO. 96711

NOTES BY G.E. DREIER DATE 1-8-71 TIME 9:00 TO ROD NO. 95 & 9

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

F.B. 4111 PG. 65

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	142	442	443 5	144 / 148 4	100	400	401 5	127 / 73 54	54 M- 4 M= 50 M=0.20 mm
2	152	669	453 5	154 / 150 4	194	877	495 5	221 / 167 54	54 M- 4 M= 50 M=0.20 mm
	295	111		8	295	277		108	
	+					0.40 mm			
					-0. mm			-8	Curvature Corr.=0.40 mm
					295	237		108	
					295	111			
					-	126			
				mm= "C"					
						-0.013		mm= "C"	
					100	1.26			

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 2676
NOTES BY G.E. DREIER DATE 1-11-71 TIME 10:50 ROD NO. 95 & 96
INDEXED J. GALL DATE NOTES CHKD DATE
F.B. 4111 PG. 67

DETERMINATION OF "C"

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ___ TO ___
		NEAR ROD				FAR ROD			
1	147	923	448 5	149 145 4	208	319	509 5	235 181 54	54M- 4M= 50 M=0.20 mm
2	117	590	418 5	119 115 4	57	430	358 5	84 30 54	54M- 4 M= 50 M=0.20 mm
	265	513		8	265	749		108	
	+				-0.	0.40 mm		8	Curvature Corr.=0.40 mm
					265	709		101	
					265	513			
					-	196			

mm= "C"

1

- 0.020 mm= "C"
1.96

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 50° F.B. 4111 Pg. 69
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 96716
NOTES BY G.E. DREIER DATE 1-11-71 TIME 10:55 ROD NO. 95898
INDEXED R. GALLI DATE NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
			NEAR ROD				FAR ROD		
1	156	071	457	5 158/154 4	175	048	476	5 202/148 54	54 M- 4 M= 50 M=0.20 mm
2	146	061	447	5 148/144 4	127	314	428	5 154/100 54	54 M- 4 M= 50 M=0.20 mm
	302	132		8	302	362		108	
	+					0.40 mm			
						0. mm		+8	Curvature Corr.=0.40 mm
					302	322		100	
					302	132			
					-	190			
				mm= "C"					
		1							
						0.019		mm= "C"	
					100	1.90			
1									

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 47° F.B. 4111 Pg. 71
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 2671
NOTES BY G.E. DREIER DATE 1-13-71 TIME 1100 ROD NO. 35 #2
INDEXED C.J. GALLI DATE NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	139	986	4405	141 137 4	133	032	4345	160 106 54	54M- 4M= 50 M=0.20 mm
2	139	014	4405	141 137 4	146	151	4475	173 119 54	54M- 4M= 50 M=0.20 mm
	279	000		8	279	183		108	
	+				−0.40mm	0.40 mm		−	Curvature Corr.=0.40 mm
					279	143			
					279	000			
					−				
				mm= "C"					
	1								
						0,014		mm= "C"	
					1	1.43			

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 5-0°

SURVEY BY ____ DATE 1-14-71 WEATHER CLEAR INST. NO 96716

NOTES BY P. E. DREIER TIME 8:45 ROD NO 95 & 96

INDEXED L. J. GALL DATE ____ NOTES CHKD ____ DATE ____

F.B. 4111 PG. 73

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	136	230	437 5	138 / 134 4	129	235	430 5	156 / 102 54	54 M- 4 M= 50 M=0.20 mm
2	142	698	443 5	144 / 140 4	149	833	450 5	176 / 122 54	54 M- 4 M= 50 M=0.20 mm
	278	928		8	279	068		108	
	+					0.40 mm			
					~~-0.~~	~~mm~~		-8	Curvature Corr.=0.40 mm
					279	028		100	
					278	928			
					-	100			

mm= "C"

-.010 / 1.00 mm= "C"

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 64° F.B. 4111 Pg. 75
SURVEY BY G.E. DREIER WEATHER SUNNY HAZY INST. NO. 2677
NOTES BY SIEMANN DATE 1-15-71 TIME 8:30 to 8:40 ROD NO. 95879
INDEXED G.S. CALL DATE NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS FROM ___ TO ___
					DETERMINATION OF "C"				
					NEAR ROD				FAR ROD
1	150	205	451	5 152 148 4	120	857	421	5 147 93 54	54M- 4 M= 50 M=0.20 mm
2	151	548	452	5 153 149 4	181	035	482	5 208 154 54	54 M- 4 M= 50 M=0.20 mm
	301	753			301	892		108	
	+			8	-0.	040 mm		8	Curvature Corr.=0.40mm
					301	852		100	
					-	753			
						099			
				mm= "C"					
	1								
					-	0099 mm= "C"			
					100	0 99			

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 91° F.B. 4111 Pg. 77
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 26716
NOTES BY G.E. DREIER DATE 1-19-71 TIME 2:15 ROD NOS 85 & 96
INDEXED G. J. GALLI DATE NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
				DETERMINATION OF "C"					
				NEAR ROD				FAR ROD	
1	139	542	440	5 141 137 4	130	400	431	5 156 104 52	52M- 4M= 48M=0.20 mm
2	151	128	452	5 153 149 4	160	210	461	5 186 134 52	52M- 4M= 48M=0.20 mm
	290	670			290	670		104	
	290	570				0.40 mm			
	+	100			-0.	mm		8	Curvature Corr.=0.48 mm
					290	570		96	
					-				

+0.010 mm= "C"
96 | 1.00
96
40

mm= "C"
1

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-55°

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

NOTES BY Maldonado DATE 1-20-71 TIME 11:15 ROD NO. 95896

INDEXED G.J. GALLI DATE NOTES CHKD. DATE

F.B. 4111 PG. 79

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	543	464 5	165 161 4	181	572	482 5	208 154 54	54 M- 4 M= 50 M=0.20 mm
2	147	897	448 5	149 145 4	130	071	431 5	157 103 54	54 M- 4 M= 50 M=0.20 mm
	311	430		8	311	643		108	
	+				-0.	040 mm		8	Curvature Corr.=0.40 mm
					311	603		100	
					311	430			
					-	173			

mm= "C"

0.017 mm= "C"

100 / 1.730

100

730

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 '66 F.B. 4111 Pg. 81
SURVEY BY G.E. DREIER WEATHER MUGGY HAZE INST. No. 56716
NOTES BY G.E. DREIER DATE 1-20-71 TIME 8:45 ROD No. 25 & 26
INDEXED J. GALLI DATE NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
					DETERMINATION OF "C"				
					NEAR ROD				
									FAR ROD
1	152	130	453	5 154 / 150 4	106	777	407	5 133 / 79 54	54 M- 4 M= 50 M=0.20 mm
2	160	712	461	5 162 / 158 4	206	219	507	5 233 / 179 54	54 M- 4 M= 50 M=0.20 mm
	312	842		8	312	996		108	
	+					0.40 mm			
						=0. mm		8	Curvature Corr.=0.40 mm
						312 956		100	
						312 842			
						- 114			
		1		mm= "C"					
						0.011			
					100	1.14		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 57°

SURVEY BY G.E. DREIER DATE 1-22-71 WEATHER OVERCAST INST. NO. 96716

NOTES BY G.E. DREIER TIME 9:00 ROD NO. 95 89

INDEXED G.J. GALLI DATE NOTES CHKD DATE

F.B. 4111 PG. 83

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	146	633	447 5	148 144 4	163	098	464 5	190 136 54	54M- 4M= 50 M=0.20 mm
2	145	932	446 5	147 143 4	129	649	430 5	156 102 54	54M- 4M= 50 M=0.20 mm
	292	565		8	292	747		108	
	+				-0.	0.40 mm mm		- 8	Curvature Corr.=0.40 mm
					292	707		100	
					292	565			
					-	142			
				mm= "C"					
					100	-0.014 / 1.42		mm= "C"	

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 60° F.B. 4111 Pg 85
SURVEY BY G.E. DEELER WEATHER FLY CLOUDY INST. NO. 96716
NOTES BY SIEMANN DATE 2-18-71 TIME 10:05 TO 10:10 ROD NO. 95892
INDEXED J. GALLI DATE NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	152	635	453	5 154 / 150 4	146	785	447	5 173 / 119 54	54 M- 4 M= 50 M=0.20 mm
2	153	847	454	5 155 / 151 4	159	772	460	5 186 / 132 54	54 M- 4 M= 50 M=0.20 mm
	306	482		8	306	557		108	
					-0.	040 mm		8	Curvature Corr.=0.40 mm
	+				306	517		100	
					306	482			
					-	035			
				mm= "C"					
	1								
								0.04 mm = "C"	
					100	035			

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 F.B. 4111 Pg. 87
SURVEY BY G.E. DREIER WEATHER OVERCAST 55° INST. No 28718
NOTES BY G.E. DREIER DATE 2-19-71 TIME 9:46 ROD NO 258
INDEXED DATE NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						TT MALDONADO
			NEAR ROD				FAR ROD		
1	148	639	449 5	150 146 4	166	822	467 5	194 138 56	5 M- 4 M= 52 M=0.20 mm
2	146	388	447 5	148 144 4	128	340	429 5	156 100 56	M- M= M=0.20 mm
	295	027		8	295	162		112	
	+				-0	0.40 mm		-8	Curvature Corr.=0.40 mm
					295	122		104	
					295	027			
					-	095			
		1		mm= "C"					
						0.009 mm= "C"			
					104	0.950			

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 46 F.B. 4111 Pg. 89

SURVEY BY DREIER WEATHER PART CLOUDY INST. NO. 26716

NOTES BY DREIER DATE 2-22-71 TIME 8:30 ROD NO. 25896

INDEXED G. J. GALLI DATE NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
			NEAR ROD				FAR ROD		
1	150	337	451	5 152 / 148 4	120	001	421	5 146 / 94 52	52 M- 4 M= 48 M=0.20 mm
2	157	462	458	5 159 / 155 4	187	930	488	5 213 / 159 54	54 M- 4 M= 50 M=0.20 mm
	307	799		8	307	931		106	
						0.40 mm			
	+	9			-0.	mm		8	Curvature Corr.=0.40 mm
					307	891		98	
					307	799			
					-	092			
		1		mm= "C"					
						0.010		mm= "C"	
					981	0.92			

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 560
SURVEY BY GE DREIER NOTES BY MALDONADO DATE 2-23-71 TIME 8:45 WEATHER HAZY SUN INST. NO 96716 ROD NO 95 & 96
INDEXED DATE NOTES CHKD DATE
F.B. 4111 Pg. 91

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
					DETERMINATION OF "C"				
					NEAR ROD				
							FAR ROD		
1	152	930	453	5 154 150 4	164	450	465	5 191 137 54	54M- 4M= 50 M=0.20 mm
2	157	182		4	145	766	446	5 172 118 54	54 M- 4 M= 50 M=0.20 mm
	310	112		8	310	216		108	
	+				-0.	0.40 mm		8	Curvature Corr.=0.40 mm
					310	176		100	
					310	112			
					-	0.64 mm			
				mm= "C"					
	1								
						- 0.006	mm = "C"		
					100	0.64			

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 800 F.B. 4111 Pg 93
SURVEY BY G.E. DREIER DATE 4-6-71 WEATHER SMOGGY INST. NO. 36716
NOTES BY G.E. DREIER / E.J. GALL DATE TIME 8:35 ROD NO. 95 & 96
INDEXED DATE NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
					DETERMINATION OF "C"				
					NEAR ROD				FAR ROD
1	151	718	452	5 153 / 149 4	165	708	466	5 192 / 138 54	54M- 4M= 50M=0.20 mm
2	144	890	445	5 146 / 142 4	130	950	431	5 157 / 103 54	54M- 4M= 50M=0.20 mm
	296	608		8	296	658		108	
	+				−0.	0,40 mm		−8	Curvature Corr.=0.40 mm
					296	618		100	
					296	608			
					−	010			
				mm= "C"					
	1								
						0.001		mm= "C"	
					100	0.10			

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

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

NOTES BY Maldonado DATE 4-8-71 TIME 9:15 ROD NO. 95 & 96

INDEXED G. L. GALLI DATE NOTES CHKD DATE

F.B. 4111 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	161	261	462 5	163 / 159 4	173	655	474 5	200 / 146 54	54M- 4 M= 50 M=0.20 mm
2	156	919	457 5	158 / 154 4	144	521	445 5	171 / 117 54	54M- 4 M= 50 M=0.20 mm
	318	180		8	318	176		108	
	318	136						8	Curvature Corr.=0.40 mm
	+	0.54			-0.40 mm				
					318	136		100	
					-				
	+ 0.005 mm= "C"								
	100 / 0.540								
	500								
	40								
					mm= "C"				

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 4-9-71

INDEXED [illegible] GALLI DATE

WEATHER Hazy Sun INST. NO. 9671

TIME 8:20 ROD NO. 95 & 96

NOTES CHKD DATE

F.B. 4111 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	169	812	470 5	171 / 167 4	64	637	365 5	91 / 37 54	54 M- 4 M=50 M=0.20 mm
2	168	744	469 5	170 / 166 4	273	881	574 5	300 / 246 54	54 M- 4 M=50 M=0.20 mm
	338	556		8	338	518		108	
	338	478							
	+	078			-0.40 mm			8	Curvature Corr.=0.40 mm
					338	478		100	
					-				

+ 0.007 mm= "C"

100 / 0.780
700
80

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 Haze
NOTES BY G.E. DREIER DATE 4-12-71 TIME 8:30 INST. NO. 9677
INDEXED B.J. GALLI DATE NOTES CHKD DATE ROD NO. 25896

F.B. 4111 Pg. 99

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	259	466	5 167 163 4	267	070	568	5 294 240 54	54 M- 4 M= 50 M=0.20 mm
2	156	150	457	5 158 154 4	54	338	355	5 81 27 54	54 M- 4 M= 50 M=0.20 mm
	321	409		8	321	408		108	
	321	368				0.40 mm			
	+	041 mm			-0. mm			-8	Curvature Corr.=0.40 mm
					321	3.68		100	
					-				
	+ 0.004			mm= "C"					
	100 041								
								mm= "C"	

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET 65°

F.B. 4111 PG. 101

SURVEY BY G.E. DREIER WEATHER HAZE-SUN INST. NO 96716

NOTES BY G.E. DREIER DATE 4-13-71 TIME 8:15 ROD NO 95896

INDEXED G. L. GALLI DATE NOTES CHKD DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ___ TO ___
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	148	642	449 5	150 146 4	152	249	453 5	179 125 54	54M- 4M= 50M=0.20 mm
2	145	232	446 5	147 143 4	141	641	442 5	168 114 54	54M- 4M= 50M=0.20 mm
	293	874		8	293	890		108	
	293	850				0.40			
	+	024			-0.	mm		-8	Curvature Corr.=0.40 mm
					293	850		100	
					-				

+ 0.002 mm= "C"
100/0.24

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 64' F.B. 4111 Pg. 103
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 26716
NOTES BY G.E. DREIER DATE 4-21-71 TIME 1:00 ROD NOS 25 & 26
INDEXED G.A. GALM DATE NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
				DETERMINATION OF "C"					
				NEAR ROD				FAR ROD	
1	155	970	456	5 157 / 153 4	100	472	401	5 127 / 73 54	54 M- 4 M= 50 M=0.20 mm
2	159	999	460	5 161 / 157 4	215	421	516	5 242 / 188 54	54 M- 4 M= 50 M=0.20 mm
	315	969		8	315	893		108	
	315	853				0.40 mm			
	+	1.16 mm			-0.	mm		8	Curvature Corr.=0.40 mm
					315	853		100	
					-				
		+0.011		mm= "C"					
	100 /	1.16							
							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 65°
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 96776
NOTES BY G.E. DREIER DATE 4-22-71 TIME 10:00 ROD NO. 95896
INDEXED G.J. GALLI DATE NOTES CHKD DATE
F.B. 4111 Pg. 105

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
					DETERMINATION OF "C"				
					NEAR ROD				FAR ROD
1	156	885	457	5 158 154 4	101	342	402	5 128 74 54	54 M- 4 M= 50 M=0.20 mm
2	158	820	459	5 160 156 4	214	230	515	5 241 187 54	54 M- 4 M= 50 M=0.20 mm
	315	705		8	315	572		108	
	315	532				040 mm			
	+	173			-0.	mm		8	Curvature Corr.=0.40 mm
					315	532		100	
		+ 0.017		mm= "C"					
	100 /	1.73							
						/		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 C.E. DREIER WEATHER HAZE INST. NO. 24776
NOTES BY C.E. DREIER DATE 4-23-71 TIME 8:15 ROD NO. 95-496
INDEXED E. L. CALL DATE NOTES CHKD DATE
F.B. 4111 Pg. 107

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
			NEAR ROD				FAR ROD		
1	150	939	451 5	152/148 4	195	677	496 5	222/168 54	54M- 4/50 M= 50M=0.20 mm
2	146	859	447 5	148/144 4	102	150	403 5	139/75 54	54M- 4/58 M= 54 M=0.20 mm
	297	798		8	297	827		108	
	297	787				0.40 mm			
	+	011			-0. mm			- 8	Curvature Corr.=0.40 mm
					297	787		100	
					-				
		+0.001		mm= "C"					
	100	0.11							
							mm= "C"		
						1			

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 55° F.B. 4111 Pg. 109
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 276
NOTES BY G.E. DREIER DATE 4-26-71 TIME 8:20 ROD NOS 25 & 92
INDEXED J. GALLI DATE NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
			NEAR ROD				FAR ROD		
1	150	250	45 15	152 148 4	116	109	417 5	143 89 54	54 M- 4 M= 50 M=0.20 mm
2	145	827	446 5	147 143 4	180	051	481 5	207 153 54	54 M- 4 M= 50 M=0.20 mm
	296	077		8	296	160		108	
	+				-0.	0.40 mm		-8	Curvature Corr.=0.40 mm
					296	120		100	
					296	077			
					-	043			
				mm= "C"					
	1								
						-0.004	mm = "C"		
					100	0.43			

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER " " WEATHER CLEAR
NOTES BY " " DATE 1-8-71 TIME 9:45 TO 9:25 INST. NO 26716
INDEXED J. de GALLI DATE NOTES CHKD BLANCHARD DATE ROD NO 25 & 29
F.B. 4111 PG. 111

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-68 TO B.M. 11-67
B.M. 11-68													B.M. 11-68 (U.S.C. & G.S. PAS. E. BASE 2)
1	236	097	537	5	251 221	30	39	042	340	5	54 24	30	BASE LINE RD., 0.25 MI. E. OF CO. BDRY.
					1.94						0.5		SEE F.B. 1376-60
2	188	679	489	5	182	12	89	222	390	5	83	12	
						42						42	T. J. MALDONADO
	424	776	✓				128	264	✓			42	
B.M. 11-67	128	264										84	✓
	+296	512	✓										B.M. 11-67 (U.S.C. & G.S. PASADENA EAST BASE)
													BASE LINE RD. 0.25 MI. E. OF CO. BDRY.
													SEE F.B. 1376-59 60

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

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

Do not extend notes this side of this line.

WEATHER OVERCAST INST. NO 26716
TIME 11:50 TO 12:10 ROD NO 25891
NOTES CHKD BLANCHARD DATE
50°

F.B. 4111 PG. 112 JOB NO 6301.02
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER 1-11-71
INDEXED DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM B.M.11-67 TO B.M.11-68
B.M.11-67					60					230	B.M.11-67 EAST BASE 1923
1	48	271	349	5	36 24	219	910	520	5	208 22	S. OF BASE LINE RD, 0.25 MI. E OF L.A.-S.B. CO. LINE
					91					218	
2	83	613	384	5	75 16	208	461	509	5	198 20	SEE F.B. 1376-59 60
					40 ✓					42 ✓	
B.M.11-68										40	B.M.11-68 EAST BASE 2 1923
	131	884 ✓				428	371 ✓			82 ✓	S. OF BASE LINE RD., 0.25 MI. E
						131	884				OF L.A.-S.B. CO. LINE
						296	487 ✓				SEE F.B. 1376-60

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 48°

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 1-8-71

INDEXED U.J. GALLI DATE

WEATHER CLEAR

TIME 9:25 TO 9:50

NOTES CHKD BLANCHARD DATE NOV 25 '71

INST. NO. 96716

ROD NO. 95 & 96

F.B. 4111 PG. 113

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-67 TO B.M 11-66A
B.M. 11-67									B.M. 11-67 (PAS. EAST BASE)
1	193	933	494 5	209 176 33	236	393	537 5	254 218 36	BASE LINE RD. 0.25 mi. E. of Co. BDRY
									SEE F.B. 1376-5960
2	179	766	480 5	217 141 76	273	063	574 5	273 235 76	
				109				112	
3	83	367	384 5	124 83 82	235	310	536 5	277 193 84	⊼ J. MALDON
				191				196	
4	102	248	403 5	134 70 64	260	169	561 5	294 226 68	
				255				264	
5	131	863	432 5	140 122 18	170	777	471 5	175 166 9	
				273 ✓				273 ✓	
								273	B.M. 11-66A
B.M. 11-66A	691	177 ✓			1175	712 ✓		546 ✓	BASE LINE RD AT L.A.-S.B. Co. LINE
					691	177			SEE F.B. 3710-152
					484	535 ✓			

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. 11-66A TO B.M. 11-67
B.M. 11-66A													B.M. 11-66A
1	299	430	600	5	299 / ½ 278	42	64	252	365	5	87 / 41	46	BASELINE RD. & L.A.-S.B. CO. LINE
													SEE F.B. 3710-152
2	217	317	518	5	256 / 178	78	15	718	316	5	153 / 215	76	
		390				120						122	
3	186	~~481~~	487	5	230 / 142	88	191	520	492	5	236 / 146	90	↑ J. MALDONADO
						208						212	
4	263	263	564	5	286 / 240	46	210	241	511	5	229 / 191	38	
						254 ✓						250 ✓	
B.M. 11-67												254	B.M. 11-67 (EAST BASE 1923
	966	400 ✓					481	731 ✓				504	S. OF BASE LINE RD
	481	731											0.25 MI. E. OF CO LINE
	+484	669 ✓											SEE F.B. 1376-59

F.B. 4111 PG. 114 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 1-11-71

INDEXED O. J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 11:20 ROD NO. 9589

NOTES CHKD. BLANCHARD DATE

30°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-66A TO B.M. 11-66
B.M. 11-66A									B.M. 11-66A
1	200	319	501 5	230 170 60	116	328	417 5	147 85 62	BASE LINE RD & L.A.-S.B. CO. LINE
									SEE F.B. 3710-152
2	50	967	351 5	76 24 52	293	177	594 5	293 269 48	
				112				110	
3	27	582	328 5	39 15 24	210	742	511 5	227 193 34	π J. MALDONADO
				136				144	
4	33	601	334 5	62 4 58	213	188	514 5	239 187 52	
				194				196	
5	172	670	473 5	188 156 32	195	246	496 5	210 180 30	
				226				226 ✓	
B.M. 11-65								226	B.M. 11-66 (LA VERNE M-10 1939)
	485	139 ✓			1028	681 ✓		452	BASE LINE RD. & PADUA AVE
					485	139			SEE F.B. 1376-59
					543	542 ✓			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 48°

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 1-8-71

INDEXED L. J. GALLI DATE

WEATHER CLEAR

TIME 9:50 TO 10:15

NOTES CHKD BLANCHARD DATE MAY 26 7

INST. NO. 96716

ROD NO. 95896

F.B. 4111 PG. 115

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. 11-66 TO B.M. 11-66A
B.M. 11-66													B.M. 11-66 (LA VERNE M-10 1939)
1	180	410	481	5	212 148	64	85	709	386	5	118 52	66	BASE LINE RD & PADUA AVE
													SEE F.B. 1376-59
2	265	938	566	5	290 240	50	47	440	348	5	71 23	48	
3	220	462	521	5	232 208	114 24	5	208	206	5	116 25	114 22	⊼ J. MALDONADO
4	209	351	510	5	253 165	138 88	194	432	495	5	236 152	136 84	
						226 ✓						220 ✓	
B.M. 11-66A												226	B.M. 11-66A
	876	161 ✓					332	789 ✓				446 ✓	BASE LINE RD. & LA.-S.B. CO. LINE
	332	789											SEE F.B. 3710-152
	+543	372 ✓											

490

WEATHER FOGGY INST. NO. 96716

TIME 11:00 TO 11:20 ROD NO. 95896

NOTES CHKD BLANCHARD DATE MAY 26 '71

F.B. 4111 PG. 116 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 1-11-71

INDEXED G.J. GADDY DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — F.B. 4111 Pg. 117

SURVEY BY G.E. DREIER — WEATHER CLEAR 53°

NOTES BY G.E. DREIER — DATE 1-8-71 — TIME 10:14 TO 10:45 — INST. NO 26716 — ROD NO 25896

INDEXED — J. GALLI — DATE — NOTES CHKD BLANCHARD — DATE JAN 26 71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-66 TO B.M. 11-65
B.M. 11-66											294		B.M. 11-66 (LA VERNE M-10 1939)
1	58	431	359	5	½ 96 / 58	76	255	606	556	5	216	78	BASE LINE RD. & PADUA AVE
					54						247		SEE F.B. 1376-59
2	19	062	320	5	½ 19	70	212	828	513	5	177	70	
					63	146					294	148	
3	25	518	326	5	½ 25	76	294	968	595	5	½ 261	66	T. J. MALDONADO
					40	222					301	214	
4	13	498	314	5	½ 13	54	301	899	602	5	278	62	
						276					298	276	
5	34	639	335	5	64 / 4	60	268	660	569	5	238	60	
					90	336					266	336	
6	64	890	365	5	38	52	240	882	541	5	214	52	
					118	388					242	388	
7	108	411	409	5	98	20	232	951	533	5	222	20	
						408 ✓						408 ✓	
B.M. 11-65												408	B.M. 11-65 (LA VERNE L-10 1939)
	324	449 ✓					1807	794 ✓				816	BASE LINE RD. & MILLS AVE.
							324	449					SEE F.B. 1376-58
							1483	345 ✓					

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. 4111 PG. 118 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 1-8-71

INDEXED J. GATES DATE

NOTES CHKD BLANCHARD DATE MAY 25 '71

WEATHER CLEAR INST. NO. 96 716

TIME 2:30 TO 3:00 ROD NO. 25 89

SCAT. THIN CLOUDS

570

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-65 TO B.M. 11-66
B.M. 11-65													B.M. 11-65 (LA VERNE L-10 1939)
1	270	258	571	5	290 250	40	71	478	372	5	91 51	40	BASE LINE RD. & MILLS AVE.
													SEE F.B. 1376-58
2	233	592	534	5	263 203	60	29	021	330	5	59 -1	60	
												100	
3	271	639	572	5	304 237	67	10	402	311	5	½ 42 10	64	T. J. MALDONADO
						167						164	
4	293	800	594	5	293 ½ 264	58	5	500	306	5	35 ½ 5	60	
						225						224	
5	237	978	538	5	272 202	70	13	341	314	5	47 ½ 13	68	
						295						292	
6	216	308	517	5	248 184	64	38	193	339	5	70 6	64	
						359						356	
7	221	154	522	5	245 197	48	93	788	394	5	119 68	51	
						407 ✓						407 ✓	
B.M. 11-66												407	B.M. 11-66 (LA VERNE M-10 1930)
	1744	729 ✓					261	723 ✓				814	BASE LINE RD. & PADUA AVE.
	261	723											SEE F.B. 1376-59
	1483	006 ✓											

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER OVERCAST 53°
NOTES BY G.E. DREIER DATE 1-11-71 TIME 2:20 TO INST. NO 26716
INDEXED DATE NOTES CHKD DATE ROD NOS 92
F.B. 4111 PG. 119

DESCRIPTION AND REMARKS: RERUN
FROM B.M. 11-66 TO B.M. 11-65

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
B.M. 11-66													B.M. 11-66
1	78	161	379	5	116 / 40	76	269	712	570	5	380 / 230	80	BASELINE RD. & PADUA AVE
													SEE F.B. 1376-59
2	38	002	339	5	76 / 0	76	245	942	546	5	280 / 210	70	
						152					300	150	↑ J. MALDONADO
3	29	788	330	5	163 / 129	68	300	292	601	5	267	66	
						220					296	216	RERUN
4	8	328	309	5	38 / 8	60	296	451	597	5	266	60	
					60	280					306	276	
5	29	946	330	5	129	62	275	901	576	5	244	62	
						342					237	338	
6	96	066	397	5	176 / 76	40	215	960	516	5	193	44	
					96	382					255	382	
7	82	218	383	5	68	28	241	691	542		227	28	
						410						410	
B.M. 11-65												410	B.M. 11-65
	362	509					1845	949				820	BASELINE RD. & MILLS AVE.
							362	529					SEE F.B. 1376-58
							-1483	440					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 25856 DATE MAR 2 1959

NOTES CHKD L. [illegible] DATE

WEATHER OVERCAST 47° SHWERS TIME 11:55

SURVEY OF L.A. CO. PRECISE LEVEL NET JOB NO. 30102 PG. 70

SURVEY BY DREIER NOTES G.E. DREIER 1-13-71 F.B. 4111

INDEXED G.A. BALL DATE

RERUN

STATION	BACKSIGHT				STADIA		FORESIGHT				STADIA		DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.				RIGHT	MIC.	LEFT.				FROM B.M. 11-65 TO B.M. 11-66
B.M. 11-65													B.M. 11-65 (LA VERNE L-10)
1	2.281	933	582	5	302 260	42	74	051	375	5	95 53	42	BASE LINE RD & MILLS AVE
													SEE F.B. 1376-58
2	222	252	523	5	249 195	54	38	510	339	5	65 11	54	
3	268	879	569	5	300 236	96 64	6	652	307	5	138 ½ 6	96 64	RERUN
4	299	567	600	5	299 ½ 270	160 58	8	814	309	5	138 ½ 8	160 60	T. J. MALDONADO
5	267	200	568	5	299 235	218 64	61	249	362	5	92 30	220 62	
6	232	929	533	5	266 198	282 68	20	994	321	5	154 ½ 20	282 68	
7	219	562	520	5	248 190	350 58	98	920	399	5	129 69	350 58	
						408						408	
B.M. 11-66												408	B.M. 11-66 (LA VERNE M-10)
	1792	322					309	190				816	BASE LINE RD & PADUA
	309	190											
	+1483	132											

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-65 TO B.M. 11-69
B.M. 11-65									B.M. 11-65 (LAVERNE L-10 1939)
1	75	940	376 5	98 52 46	258	319	559 5	286 236 44	BASE LINE RD. & MILLS AVE.
									SEE F.B. 1376-58
2	25	468	326 5	51 -1 52	301	773	602 5	301 1/2 277 48	
				98				92	↑ R. SIEMANN
3	7	799	308 5	31 1/2 7 48	300	750	601 5	300 1/2 278 44	
				146				136	
4	12	220	313 5	30 1/2 12 36	299	028	600 5	299 1/2 275 48	
				182				184	
5	17	509	318 5	38 1/2 17 42	271	000	572 5	292 250 42	
				224				226	
6	7	011	308 5	31 1/2 7 48	298	295	599 5	298 1/2 274 48	
				272				274	
7	3	130	304 5	28 1/2 3 50	296	507	597 5	296 1/2 270 52	
				322				326	
8	43	180	344 5	68 18 50	287	509	588 5	287 1/2 262 50	
				372				376	
9	47	705	348 5	66 28 38	280	629	581 5	296 264 32	
				410				408 ✓	
B.M. 11-69								410	B.M. 11-69 (LAVERNE L-11 1939)
	239	962 ✓			2593	810 ✓		818 ✓	MILLS AVE, S. OF AURORA DR.
					239	962			SEE F.B. ~~2880-34~~ 2880-34
					2353	848 ✓			

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

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

NOTES BY G.E. DREIER DATE 1-8-71 TIME 10:45 TO 11:15 ROD NO. 95 & 96

INDEXED C. J. GAIN DATE NOTES CHKD BLANCHARD DATE 2 5 71

F.B. 4111 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-69 TO B.M. 11-65
B.M. 11-69													B.M. 11-69 (LA VERNE L-11 1939)
1	298	319	599	5	298 / 280	36	45	619	346	5	64 / 26	38	MILLS AVE, S. of AURORA DR.
													SEE F.B. 2880-34
2	273	690	574	5	296 / 250	46	59	411	360	5	82 / 36	46	
						82						84	
3	266	380	567	5	287 / 245	42	52	602	353	5	73 / 31	42	
						124						126	⊼ R. SIEMANN
4	300	057	601	5	300 / 280	40	42	601	343	5	63 / 21	42	
						164						168	
5	299	989	600	5	299 / 276	46	8	275	309	5	33 / 8	50	
						210						218	
6	301	601	602	5	301 / 277	48	12	210	313	5	33 / 12	42	
						258						260	
7	297	980	598	5	297 / 276	42	11	429	312	5	32 / 11	42	
						300						302	
8	270	589	571	5	290 / 250	40	39	649	340	5	59 / 19	40	
						340						342	
9	270	481	571	5	291 / 249	42	56	276	357	5	77 / 35	42	
						382						384	
10	221	627	522	5	236 / 206	30	118	963	419	5	132 / 104	28	
						412						412	
B.M. 11-65												412	B.M. 11-65 (LA VERNE L-10 1939)
	2800	713					447	035				824	BASE LINE RD. & MILLS AVE
	447	035											SEE F.B. ~~2880~~ 1376-58
	+2353	678											

56°

WEATHER HAZE INST. NO. 9671

TIME 1:55 TO 2:30 ROD NO. 9589

NOTES CHKD BLANCHARD DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 1-8-71

INDEXED C. J. GALL DATE

4111 PG. 122

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 1-8-70

INDEXED G. J. GALL DATE

WEATHER 53° CLEAR

TIME 11:15 TO BLANCHARD

NOTES CHKD

INST. NO. 96716

ROD NO. 95 & 96

DATE MAY 26 '71

F.B. 4111 PG. 123

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-69 TO B.M. 11-70A
B.M. 11-69									B.M. 11-69 (LAVERNE L-11 1939)
1	52	520	353 5	77 ½ 52 50	294	153	595 5	294 ½ 270 48	MILLS AVE, S. OF AURORA DR
									SEE F.B. 2880-34
2	9	730	310 5	33 ½ 9 48	295	401	596 5	295 ½ 273 44	
				98				92	
3	13	411	314 5	33 ½ 13 40	297	345	598 5	297 ½ 276 42	π R. SIEMANN
				138				134	
4	14	285	315 5	33 ½ 14 38	290	858	591 5	290 ½ 269 42	
				176				176	
5	7	579	308 5	28 ½ 7 42	268	965	569 5	290 246 44	
				218				220	
6	12	994	313 5	34 ½ 12 44	298	400	599 5	298 ½ 276 44	
				262				264	
7	11	489	312 5	33 ½ 11 44	295	990	596 5	295 ½ 273 44	
				306				308	
8	11	435	312 5	30 ½ 11 38	271	423	572 5	290 252 38	
				344				346	
9	4	740	305 5	26 ½ 4 44	295	638	596 5	295 ½ 274 42	
				388				388	
10	85	399	386 5	96 74 22	232	121	533 5	243 221 22	
				410 ✓				410 ✓	
B.M. 11-70A								410	B.M. 11-70A (LAVERNE L-12 1938)
	223	582 ✓			2840	294 ✓		820 ✓	MILLS AVE & FOOTHILL BLVD.
					223	582			SEE F.B. 3710-62
					2616	712 ✓			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-70A TO B.M. 11-69
B.M. 11-70A									B.M. 11-70A (LA VERNE L-12 1938)
1	301	949	602 5	301 ½ 280 42	31	791	332 5	52 10 42	MILLS AVE & FOOTHILL BLVD.
									SEE F.B. 3710-62
2	283	380	584 5	301 265 36	25	427	326 5	44 6 38	
				78				80	
3	288	689	589 5	288 ½ 268 40	14	470	315 5	135 ½ 14 42	⊼ R. SIEMANN
				118				122	
4	292	951	593 5	292 ½ 272 40	14	248	315 5	136 ½ 14 44	
				158				166	
5	290	163	591 5	290 ½ 268 44	17	642	318 5	37 -3 40	
				202				206	
6	285	922	586 5	285 ½ 261 48	21	920	322 5	42 0 42	
				250				248	
7	301	578	602 5	301 ½ 281 40	8	728	309 5	127 ½ 8 38	
				290				286	
8	298	460	599 5	298 ½ 276 44	17	019	318 5	138 ½ 17 42	
				334				328	
9	296	432	597 5	296 ½ 272 48	11	891	312 5	138 ½ 11 54	
				382				382	
10	261	020	562 5	276 246 30	121	234	422 5	136 106 30	
				412				412	
B.M. 11-69								412	B.M. 11-69 (LA VERNE L-11 1939)
	2900	544			284	370		824	MILLS AVE, S. OF AURORA DR.
	284	370							SEE F.B. 2880-34
	+2616	174							

F.B. 4111 PG. 124 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 1-8-71

INDEXED C. J. GALL DATE

60°

WEATHER CLEAR INST. NO. 96716

TIME 1:15 TO 1:55 ROD NO. 9589

NOTES CHKD BLANCHARD DATE 2-8-71

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — F.B. 4111 Pg. 125
SURVEY BY G.E. DREIER — WEATHER OVERCAST — INST. NO 26716
NOTES BY G.E. DREIER — DATE 1-13-71 — TIME 2:00 TO 2:46 — ROD NO 25896
INDEXED — DATE — NOTES CHK'D BLANCHARD — DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													RERUN FROM BM. 11-69 TO BM. 11-70A
BM. 11-69													BM 11-69 (LA VERNE L-11
1	46	250	347	5	½ 46	52	299	130	600	5	½ 274	50	MILLS AVE. S. OF AURORA DR.
													SEE F.B. 2880-34
2	11	241	312	5	½ 11	42	294	730	595	5	½ 273	42	
					42	94						92	
3	21	180	322	6	0	42	294	188	595	5	½ 274	40	RERUN
						136						132	R. SIEMANN
4	4	171	305	5	½ 4	42	288	659	589	5	½ 267	42	
						178						174	
5	11	171	312	5	½ 11	42	287	369	588	5	½ 263	48	
						220						222	
6	5	007	306	5	½ 5	48	291	911	592	5	½ 269	44	
						268						266	
7	5	099	306	5	½ 5	46	286	101	587	5	½ 263	46	
						314						312	
8	7	230	308	5	½ 7	40	290	381	591	5	½ 269	42	
						354						354	
9	20	781	331	5	11	38	301	330	602	5	½ 283	36	
						392						390	
10	102	548	403	5	92	20	227	789	528	5	216	22	
						412 ✓						412 ✓	
BM. 11-70A												412	BM. 11-70A (LA VERNE L-12
	244	678 ✓					2861	588 ✓				824 ✓	MILLS AVE & FOOTHILL BLVD.
							244	678					SEE F.B. 3710-62
							-2616	910 ✓					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO 96716 ROD NO 95 & 96 DATE

WEATHER CLEAR TIME 8:45 TO NOTES CHKD BLANCHARD

50°

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

SURVEY BY DREIER NOTES G.E. DREIER 1-14-71 PG. 126

INDEXED G. J. GALLI DATE 4111

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-70A TO B.M. 11-69
B.M. 11-70A									B.M. 11-70A (LA VERNE L-12
1	290 741	591	5	290 / 269 42	30 753	331	5	50 / 10 40	MILLS AVE & FOOTHILL BLVD
									SEE F.B. 3710-62
2	292 222	593	5	½ 292 / ½ 272 40	11 080	312	5	31 / ½ 11 40	
				82				80	RERUN
3	286 322	587	5	308 / 265 42	11 422	312	5	31 / ½ 11 40	T R. SIEMANN
				124				120	
4	299 937	600	5	½ 299 / ½ 278 42	20 029	321	5	42 / ½ 20 44	
				166				164	
5	281 196	582	5	302 / 260 42	11 770	312	5	32 / 11 42	
				208				206	
6	290 739	591	5	290 / ½ 266 48	18 272	319	5	40 / ½ 18 44	
				256				250	
7	306 591	601	5	½ 300 / ½ 281 38	12 791	313	5	35 / ½ 12 46	
				294				296	
8	294 735	595	5	294 / ½ 274 40	30 021	331	5	50 / 10 40	
				334				336	
9	291 121	592	5	291 / ½ 270 42	37 182	338	5	58 / 16 42	
				376				378	
10	279 891	580		297 / 261 36	107 617	468	5	124 / 90 34	
				412				412 ✓	
B.M. 11-69								412	B.M. 11-69
	290 749 6 ✓				290 937 ✓			824	MILLS AVE. S. OF AURORA DR
	290 937								SEE F.B. 2880-34
	+2616 558 ✓								

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — F.B. 4111 PG. 127

SURVEY BY G.E. DREIER — WEATHER 57° SCAT. CLOUDS TO CLEAR — INST. NO. 96716

NOTES BY G.E. DREIER — DATE 1-14-71 — TIME 10:15 TO 11:00 — ROD NO. 25896

INDEXED — DATE — NOTES CHKD BLANCHARD — DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M.11-70A TO B.M.11-11-71
B.M.11-70A											288		B.M.11-70A
1	54	893	355	5	½ 74 54	40	288	213	589	5	266	44	MILLS AVE & FOOTHILL BLVD.
													SEE F.B. 3710-62
2	5	657	306	5	½ 26 5	42	283	407	584	5	304 262	42	
					44	82					289	86	
3	23	151	324	5	2	42	267	929	568	5	245	44	T. J. MALDONADO
						124						130	
4	51	723	352	5	75 27	48	274	577	575	5	297 251	46	
						172					240	176	
5	40	321	341	5	55 25	30	226	000	527	5	212	28	
						202						204	
6	54	463	355	5	67 41	26	229	702	530	5	243 215	28	
						228						232	
7	27	373	328	5	53 1	52	293	496	594	5	½ 293 267	52	
						280						284	
8	6	791	307	5	½ 26 6	40	280	110	581	5	300 260	40	
					134	320					299	324	
9	12	661	313	5	½ 12	44	278	041	579	5	257	42	
						364						366	
10	35	790	336	5	50 20	30	236	600	537	5	250 222	28	
						394					232	394	
11	95	872	396	5	102 88	14	215	530	516	5	208	14	
						408 ✓						408 ✓	
B.M.11-71												408	B.M.11-71 (CLAREMONT L-1 1939)
	388 40	695 ✓					2873 388	605 ✓ 695				816	MILLS AVE. & 6TH ST.
													SEE F.B. 1376-63
							2484 − 2464	910 ✓					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-71 TO B.M. 11-70A
B.M. 11-71													B.M. 11-71 (CLAREMONTE L-1)
1	300	540	601	5	300 / 284	32	13	267	314	5	33 / 13	40	MILLS AVE. & 6TH ST.
													SEE F.B. 1376-63
2	280	402	581	5	299 / 261	38	55	686	356	5	71 / 39	32	
						70						72	
3	278	767	579	5	296 / 260	36	44	565	345	5	63 / 25	38	
						106						110	
4	289	432	590	5	289 / 269	40	45	540	346	5	65 / 25	40	
						146						150	
5	249	738	550	5	272 / 226	46	34	685	335	5	56 / 12	44	
						192						194	π = DREIER
6	286	459	587	5	286 / 264	44	26	545	327	5	49 / 3	46	
						236						240	
7	296	313	597	5	296 / 272	48	35	582	336	5	59 / 11	48	
						284						288	
8	297	332	598	5	297 / 274	46	23	417	324	5	45 / 1	44	
						330						332	
9	297	527	598	5	297 / 274	46	4	932	305	5	125 / 4	42	
						376						374	
10	280	364	581	5	297 / 263	34	107	660	408	5	124 / 90	34	
						410 ✓						408 ✓	
B.M. 11-70A												410	B.M. 11-70A
	2856	874 ✓					391	879 ✓				818	MILLS AVE. & FOOTHILL BLVD.
	391	879											SEE F.B. 3710-62
	+2464	995 ✓											

F.B. 4111 PG. 128 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 1-15-71

INDEXED " J. GANN DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 2:40 TO 3:10 ROD NO. 95496

NOTES CHKD BLANCHARD DATE

T = 74°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E.DREIER WEATHER 55° SOMEWHAT CLEAR INST. NO 26716
NOTES BY G.E.DREIER DATE 1-14-70 TIME 11:05 TO 11:30 ROD NOS 25 & 26
INDEXED J. GALLI DATE NOTES CHKD DATE
F.B. 4111 Pg. 129

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-71 TO B.M. 11-72
B.M. 11-71									B.M. 11-71 CLAREMONT L-1 1939
1	35	457	336	5	296	719	597	5	MILLS AVE & 6TH ST.
				60				298	
				½ 35				½ 272	48
				50					SEE F.B. 1376-63
2	4	041	305	5	300	179	601	5	
				26				300	
				½ 4				½ 276	48
				44					
				94					96
									J. MALDONADO
3	5	773	306	5	266	629	567	5	
				29				286	
				½ 5				246	40
				48					
				142					136
4	23	757	324	5	283	278	584	5	
				46				308	
				0				257	51
				46					
				188					187
5	6	572	307	5	261	080	562	5	
				131				286	
				½ 6				236	50
				50					
				238					237
6	95	453	396	5	298	474	598	5	
				127				298	
				63				½ 268	60
				64					
				302					297
7	63	231	364	5	178	354	479	5	
				72				189	
				54				166	23
				18					
				320					320
									320
B.M. 11-72									B.M. 11-72 (CLAREMONT L-1A 1938)
	234	284			1884	713			640
					234	284			MILLS AVE & R.R.
									SEE F.B. 1376-64
					1650	429			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-72 TO B.M. 11-71
B.M. 11-72													B.M. 11-72 (CLAREMONT L-1A)
1	248	557	549	5	272 / 224	48	11	144	312	5	135 / 211	48	MILLS AVE. & S.F. R.R.
													SEE F.B. 1376-64
2	168	922	469	5	190 / 146	44	58	950	359	5	80 / 36	44	
						92						92	
3	295	672	596	5	295 / 268	54	25	109	326	5	51 / -1	52	
						146						144	π = DREIER
4	281	811	582	5	305 / 257	48	22	653	323	5	45 / -1	46	
						194						190	
5	299	403	600	5	299 / 279	40	41	395	342	5	64 / 18	46	
						234						236	
6	300	388	601	5	300 / 277	46	10	919	311	5	33 / 10	46	
						280						282	
7	297	736	598	5	297 / 276	42	71	648	372	5	91 / 51	40	
						322						322	
B.M. 11-71												322	B.M. 11-71
	892	489					241	818				644	MILLS AVE & ~~SIXTH~~ 6 ST.
	241	818											SEE F.B. 1376-63
	+1650	671											

T = 70°

WEATHER HAZY SUN INST. NO. 96716

TIME 2:10 TO 2:40 ROD NO. 95196

NOTES CHKD. DATE

F.B. 4111 PG. 130 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 1-15-71

INDEXED O.J. GAN DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-72 TO B.M. 11-73
B.M. 11-72									B.M. 11-72 (CLAREMONT L-1A 1938)
1	32	280	333 5	44 / 1/2 32 24	247	699	548 5	259 / 235 24	MILLS AVE., & R.R.
									SEE F.B. 1376-64
2	67	580	368 5	83 / 50 33	263	277	564 5	280 / 246 34	
				57				58	
3	35	266	336 5	57 / 13 44	247	398	548 5	268 / 226 42	⊼ J. MALDONADO
				101				100	
4	38	351	339 5	62 / 14 48	276	892	577 5	300 / 252 48	
				149				148	
5	4	703	305 5	32 / 1/2 4 56	284	034	585 5	284 / 1/2 256 56	
				205				204	
6	11	173	312 5	36 / 1/2 11 50	256	194	557 5	281 / 231 50	
				255				254	
7	113	621	414 5	122 / 104 18	203	523	504	212 / 194 18	
				273				272 ✓	
B.M. 11-73								273	B.M. 11-73 (CLAREMONT L-2 1938)
	302	974 ✓			1779	017 ✓		545 ✓	MILLS AVE & MORENO ST,
					302	974			SEE F.B. 1376-65
					1476	043 ✓			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 1-14-71
INDEXED R. L. GALLI DATE
WEATHER 590 CLEAR
TIME 11:30
NOTES CHKD
INST. NO. 96716
ROD NO. 95 & 96
DATE MAY 26 71
F.B. 4111 PG. 131

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-73 TO B.M. 11-72
B.M. 11-73									B.M. 11-73 (CLAREMONT L-2)
1	283	800	584 5	1/2 283 / 256 54	21	493	322 5	1/2 48 / 221 54	MILLS AVE. & MORENO ST.
									SEE F.B. 1376-65
2	292	325	593 5	1/2 292 / 269 46	62	368	363 5	84 / 40 44	
				100				98	
3	269	082	570 5	294 / 244 50	29	430	330 5	53 / 5 48	
				150				146	$\bar{\pi}$ = DREIER
4	290	128	591 5	1/2 290 / 264 52	31	782	332 5	58 / 4 54	
				202				200	
5	274	357	575 5	297 / 251 46	14	955	315 5	1/2 38 / 14 48	
				248				248	
6	268	259	569 5	280 / 256 24	41	906	342 5	53 / 29 24	
				272 ✓				272 ✓	
B.M. 11-72								272	B.M. 11-72 (CLAREMONT L-1A)
	1677	951 ✓			201	934 ✓		544	MILLS AVE. & S.F. R.R.
	201	934							SEE F.B. 1376-64
+	1476	017 ✓							

T = 64°

WEATHER HAZY SUN INST. NO 96716

TIME 1:40 TO 2:00 ROD NO 95896

NOTES CHKD DATE

F.B. 4111 PG. 132 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 1-15-71

INDEXED G. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 1-14-71

INDEXED G.J. GALLI DATE

WEATHER LT. HAZE

TIME 1:20 to 2:15

NOTES CHKD BLANCHARD DATE

F.B. 4111 PG. 133

INST. NO 96716

ROD NO 95 & 96

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-73 TO B.M. 11-74
B.M. 11-73									B.M. 11-73 (CLAREMONT L-2 1938)
1	44	040	345 5	69 ½ 44 50	259	739	560 5	284 234 50	MILLS AVE & MORENO ST
									SEE F.B. 1376-65
2	12	410	313 5	40 ½ 12 56	275	028	576 5	302 248 54	
				106				104	
3	8	340	309 5	36 ½ 8 56	277	114	578 5	306 248 58	↑ R. SIEMANN
				162				162	
4	10	380	311 5	40 ½ 10 60	300	669	601 5	300 ½ 269 62	
				222				224	
5	20	419	321 5	46 ½ 20 52	291	592	592 5	291 ½ 263 56	
				274				280	
6	15	359	316 5	43 ½ 15 56	271	901	572 5	297 245 52	
				330				332	
7	65	606	366 5	86 44 42	293	809	594 5	293 ½ 274 38	
				372				370	
8	43	590	344 5	60 26 34	263	870	564 5	279 247 32	
				406				402	
9	57	661	358 5	88 26 62	248	869	549 5	279 217 62	
				468				464	
10	61	993	362 5	94 28 66	277	910	578 5	277 ½ 245 64	
				534				528	
11	80	467	381 5	99 61 38	265	399	566 5	286 244 42	
				572 ✓				570 ✓	
B.M. 11-74								572	B.M. 11-74 (CLAREMONT K-3A
	420	265 ✓			30 ~~29~~25	900 ✓		1142 ✓	MILLS AVE & AMERICAN AVE
					420	265			SEE F.B. 1376-66
					2505	635 ✓			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-74 TO B.M. 11-73
B.M. 11-74	5	6					3						B.M. 11-74 (CLAREMONT K-3A 1938)
1	290	068	591	5	290 / 264	52	51	229	352	5	75 / 25	50	MILLS AVE & AMERICAN AVE
													SEE F.B. 1376-66
2	277	999	578	5	305 / 249	56	92	360	393	5	122 / 62	60	
						108						110	
3	278	399	579	5	278 / 239	78	6	849	307	5	38 / 6	64	
						186						174	
4	245	730	546	5	260 / 230	30	15	138	316	5	37 / 15	44	
						216						218	
5	292	624	593	5	292 / 262	60	18	671	319	5	52 / 18	68	
						276						286	
6	296	748	597	5	296 / 271	50	19	060	320	5	44 / 19	50	
						326						336	T = SIEMANN
7	279	678	580	5	306 / 252	54	20	415	321	5	46 / 20	52	
						380						388	
8	291	561	592	5	291 / 262	58	37	422	338	5	62 / 37	60	
						438						438	
9	286	492	587	5	286 / 258	56	27	000	328	5	56 / -2	58	
						494						496	
10	281	949	582	5	308 / 254	54	45	130	346	5	72 / 18	54	
						548						550	
11	231	969	532	5	244 / 218	26	114	429	415	5	126 / 102	24	
						574						574	
B.M. 11-73												574	B.M. 11-73 (CLAREMONT L-2)
	3053	217					447	703				1148	MILLS AVE. & MORENO ST.
	447	703											SEE F.B. 1376-65
	+2605	514											

T = 60°

WEATHER SUNNY, HAZY INST. NO. 96716

TIME 11:45 TO 12:10 ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES 1-15-71

INDEXED C. J. GALL DATE

NO. 4111 PG. 134

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 1-14-71 WEATHER Lt. HAZE 60°
INDEXED Q.L. GALLI DATE TIME 2:15 TO 2:30 INST. NO 26716
NOTES CHKD BLANCHARD DATE ROD NO 95896
F.B. 4111 PG. 135

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-74 TO B.M. 11-75
B.M. 11-74								301	B.M. 11-74 (CLAREMONT K-3A 1938)
1	52	699	353 5	82 52 60	270	620	571 5	239 62	MILLS AVE & AMERICAN AVE
								296	F.B. 1376-66
2	31	358	332 5	62 0 62	266	509	567 5	236 60	
				122					122
3	21	590	322 5	52 21 62	263	981	564 5	293 233 60	↑ R. SIEMANN
				184					182
4	118	455	419 5	128 108 20	222	670	523 5	234 210 24	
				204 ✓					206 ✓
B.M. 11-75									204 B.M. 11-75 (CLAREMONT K-3 1938)
	224	002 ✓			1023	780 ✓			410 ✓ MILLS AVE & SAN BERNARDINO AVE
					224	002			SEE F.B. 1376-67
					799	678 ✓			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 9676 ROD NO. 95 DATE

WEATHER LT. HAZE TIME 11:45 NOTES CHKD. PLANIMETERED 62°

JOB NO. 0301.02 SURVEY OF L.A. Co. PRECISE LEVEL NET SURVEY BY DREIER NOTES DREIER 1-15-71 INDEXED G.J. GALL DATE

F.B. 4111 PG. 136

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-75 TO B.M. 11-74
B.M. 11-75													B.M. 11-75 (CLAREMONT K-3 1938)
1	280	530	581	5	280 / 249	62	32	010	333	5	62 / 32	60	MILLS AVE & SAN BERNARDINO AVE
													SEE F.B. 1376-67
2	225	171	526	5	245 / 205	40	61	029	362	5	82 / 40	42	
						102						102	
3	255	350	556	5	281 / 229	52	57	241	358	5	82 / 32	50	
						154						152	T R. SIEMANN
4	258	249	559	5	283 / 233	50	69	291	370	5	94 / 44	50	
						204						202 ✓	
												204	
	1019	300 ✓					219	571 ✓				406 ✓	
B.M. 11-74	219	571											B.M. 11-74 (CLAREMONT K-3A 1938)
													MILLS AVE & AMERICAN AVE
													SEE F.B. 1376-66
	+799	729 ✓											

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER LT. HAZE 63°
NOTES BY G.E. DREIER DATE 1-14-71 TIME 2:30 TO INST. NO. 96716
INDEXED R.J. GALLI DATE NOTES CHKD DATE ROD NO. 95896

F.B. 4111 PG. 137

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-75 TO B.M. 11-76
B.M. 11-75											298		B.M. 11-75 (CLAREMONT K-3 1938)
1	74	495	325	5	10-5 ½ 74	62	298	808	599	5	298 ½265	66	MILLS AVE. & SAN BERNARDINO AVE.
					81						279		SEE F.B. 1376-67
2	49	980	350	5	17	64	279	650	580	5	½248	62	
					80	126					302	128	
3	47	809	348	5	14	66	270	701	571	5	239	63	R. SIEMANN
					61	192					282	191	
4	28	189	329	5	½ 28	66	282	918	583	5	½249	66	
					74	258					275	257	
5	41	901	342	5	8	66	275	281	576	5	½241	68	
					54	324					296	325	
6	18	953	319	5	½ 18	72	296	999	597	5	½260	72	
					51	396					306	397	
7	14	711	315	5	½ 14	74	270	502	571	5	233	73	
					78	470					306	470	
8	38	910	339	5	2	80	267	140	568	5	228	78	
						550						548 ✓	
9												550	
	314	948					241	999 ✓				1098 ✓	
B.M. 11-76							314	948					B.M. 11-76
							1927	051 ✓					MILLS AVE. & KINGSLEY AVE.
													SEE F.B. 1376-68

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.

INST. NO 96716 ROD NO 95 #52 DATE MAY 26

WEATHER HAZE 60° TIME 10:10 TO NOTES CHKD BLANCHARD

SURVEY OF L.A. COUNTY LEVEL NET JOB NO 0301.02

SURVEY BY DREIER NOTES G.E. DREIER 1-15-71 DATE

INDEXED C.J. GALL

F.B. 4111 Pg. 138

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.11-76 TO B.M.11-75
B.M.11-76					306						89		B.M.11-76
1	268	761	569	5	230	76	51	668	352	5	13	76	MILLS AVE & KINGSLEY AVE.
					277						56		SEE F.B. 1376-68
2	277	300	578	5	½ 242	70	20	277	321	5	½ 20	72	
					294	146					76	148	
3	264	696	565	5	234	60	45	060	346	5	14	62	T R. SIEMANN
					283	206					75	210	
4	283	154	584	5	249	68	42	571	343	5	9	66	
					295	274					78	276	
5	295	539	596	5	½ 260	70	44	770	345	5	10	68	
					293	344					54	344	
6	293	530	594	5	½ 261	64	18	572	319	5	½ 18	72	
						408	2,41				64	416	
7	278	940	579	5	278	70	30	930	331	5	-4	68	
					½ 243	478	253	848			100	484	
8	286	917	587	5	286	70	67	537	368	5	½ 67	66	
					½ 251	548	✓					550	✓
												548	
	2248	837	✓				321	385	✓			1098	✓
B.M.11-75	321	385											B.M.11-75 (CLAREMONT K-3 1938)
	+1927	452	✓										MILLS AVE & SAN BERNARDINO AVE.
													SEE F.B. 1376-67

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — T-66 — F.B. 4111 Pg. 139

SURVEY BY S.E. Dreier — WEATHER Sunny & Calm — INST. NO. 96716

NOTES BY Waldmade — DATE 2-23-71 — TIME 1:05 to — ROD NO. 95596

INDEXED — DATE — NOTES CHKD BLANCHARD DATE [illegible]

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		Re- STADIA		Run FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													From BM 11-75 To BM 11-76
BM 11-75	34	33			105		554	33			287		BM 11-75 (CLAREMONT K-3 1938)
1	75	352	376	5	75 ½	60	287	007	588	5	257½	60	Mills Ave. & San Bernardino Ave.
	82	219			106						275		
2	82	219	283	5	58	48	251	182	552	5	227	48	see F.B. 1376-67
					96	108					260	108	
3	72	439	373	5	48	48	237	849	538	5	214	96	
					96	156					291	154	
4	71	592	372	5	46	50	264	183	565	5	237	54	
					90	206					274	208	T-Siemann
5	65	804	366	5	40	50	249	903	550	5	224	50	
					93	256					270	258	
6	68	831	369	5	43	50	245	427	546	5	220	50	Re-Run
					58	306					282	308	
7	23	522	324	5	23½	70	282	620	583	5	248	68	
					71	376					293	376	
8	41	150	342	5	11	60	264	286	565	5	235	58	
					79	436					290	434	
9	45	605	346	5	11	68	257	410	558	5	224	66	
					137	504					273	500	
10	113	140	414	5	89	48	247	531	548	5	221	52	
						552						552	BM 11-76
BM 11-76												552	Mills Ave. & Kingsley Ave.
	659	654					2587	398				1104	See F.B. 1376-68
							659	654					
							927	744					

F.B. 4111 Pg. 140 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado

INDEXED G. J. GALLI DATE

T-

WEATHER INST. NO 96716

TIME ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE MAY 21 '75

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	STADIA	LEFT.	MIC.	RIGHT	STADIA	LEFT.	MIC.	RIGHT	
BM 11-76									FROM BM 11-76 TO BM 11-75
									BM 11-76
									Mills Ave & Kingsley Ave
									See F.B. 1376 Pg 68

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=56°
SURVEY BY G.E. DREIER WEATHER SUNNY, CLEAR F.B. 4111 PG. 141
NOTES BY SIEMANN DATE 1-15-71 TIME 9:00 TO 9 ROD NO. 95896 INST. NO. 96716
INDEXED G.J. GALLI DATE NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-76 TO B.M. 11-76A
B.M. 11-76									B.M. 11-76
1	99	742	400	5	265	295	566	5	MILLS AVE & KINSLEY AVE
				128 70 58				296 234 62	SEE F.B. 1376-68
2	45	184	346	5	281	363	582	5	
				77 13 64				281 221 60	
3	52	338	353	5	214	069	515	5	
				83 21 62				244 184 60	
4	65	317	366	5	298	274	599	5	
				109 21 88				298 259 78	
5	73	559	374	5	249	613	550	5	T = DREIER
				102 44 58				282 216 66	
6	81	692	382	5	119	454	420	5	
				110 52 58				150 88 62	
7	146	462	447	5	261	753 753	562	5	
				167 125 42				282 240 42	
				430				430	
B.M. 11-76A								430	B.M. 11-76A
	564	294			689	821		860	MILLS AVE & S.P.-U.P.R.R. R/W
					564	294			SEE F.B. 2880-35
					-125	527			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

409 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4111 PG. 142 JOB NO 0301.02

SURVEY OF L.A.CO. PRECISE LEVELNET

SURVEY BY DREIER NOTES SIEMANN 1-15-71

INDEXED ____ DATE ____

NOTES CHKD BLANCHARD DATE 1-26-71

WEATHER SUNNY, CLEAR INST. NO 9671C

TIME 9:40 TO 10:10 ROD NO 25F96

T-58

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM B.M. 11-76A TO B.M. 11-76
B.M. 11-76A											B.M. 11-76A
1	232	293	533	5	254 210 44	123	850	424	5	145 101 44	MILLS AVE. & S.P.-U.P R.R.
											SEE F.B. 2880-35
2	147	118	448	5	178 115 64	74	715	375	5	105 43 62	
					108					106	
3	242	272	543	5	274 210 64	60	003	361	5	93 27 66	
					172					172	
4	295	098	596	5	295 261 68	117	838	418	5	151 83 68	
					240					240	T = DREIER
5	241	583	542	5	271 211 60	72	165	373	5	102 42 60	
					300					300	
6	263	396	564	5	295 231 64	30	420	331	5	62 -2 64	
					364					364	
7	269	720	570	5	301 237 64	87	125	388	5	119 55 64	
					428 ✓					428 ✓	
B.M. 11-76										428	B.M. 11-76
	1691	480 ✓				566	116 ✓			856	MILLS AVE. & KINGSLEY AVE
	566	116									SEE F.B. 1376-68
	1125	364 ✓									
+											

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 1-19-71 WEATHER CLEAR INST. NO. 96716
TIME 2:15 ROD NO. 25296
INDEXED G.J. GALLI DATE NOTES CHKD BLANCHARD DATE 2-8-71
F.B. 4111 Pg 43

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.11-76A TO B.M.11-77A
B.M.11-76A				256				233	B.M.11-76A
1	213	263	514	5 170 86	190	460	491	5 147 86	MILLS AVE & S.P.-U.P.R.R.
				152				302	SEE F.B. 2880-35
2	115	922	416	5 78 74	262	061	563	5 222 80	
				185 160				223 166	
3	145	312	446	5 105 80	186	391	487	5 149 74	T J. MALDONADO
				152 240				188 240	
4	116	737	417	5 80 72	150	704	451	5 112 76	
				36 312				217 316	
5	115	402	416	5 94 42	197	183	498	5 177 40	
				354 ✓				356 ✓	
								354	B.M.11-77A
B.M.11-77A								710	FIRST AVE & EAST END AVE
	706	636 ✓			986	799 ✓			SEE F.B. 1376-69
					706	636			
					280	163 ✓			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-77A TO B.M. 11-76A
B.M. 11-77A													B.M. 11-77A
1	155	160	456	5	184 126	58	165	043	466	5	195 135	60	FIRST ST. & EAST END AVE.
													SEE F.B. 1376-69
2	152	880	453	5	190 114	76	102	011	403	5	141 63	78	
						134						138	
3	187	137	488	5	224 150	74	129	953	430	5	166 92	74	
						208						212	T = MALDONADO
4	195	981	496	5	195 155	80	153	049	454	5	192 114	78	
						288	550	056				290	
5	294	941	595	5	294 264	60	155	912	456	5	184 125	59	
						348 ✓						349 ✓	
B.M. 11-76A												348	B.M. 11-76A
	986	099 ✓					705	968				697	MILLS AVE. & U&SP RR. RW.
	705	968											SEE F.B. 2880-35
	280	131 ✓											

T - 64°

WEATHER PTLY CLOUDY INST. NO. 96716

TIME 10:45 TO 11:05 ROD NO. 9549

NOTES CHKD BLANCHARD DATE

F.B. 4111 PG. 144 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 2-23-71

INDEXED C. J. GAMM DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER CLEAR 70°
NOTES BY G.E. DREIER DATE 1-19-71 TIME 3:00 P.M. TO 3:30 ROD NO. 95494 INST. NO. 96716
INDEXED J. GALLI DATE NOTES CHKD DATE
F.B. 4111 PG. 145

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-77A TO B.M. 11-78A
B.M. 11-77A				118				216	B.M. 11-77A
1	91	912	392 5	64 52	189	868	490 5	162 54	FIRST ST. & EAST END AVE.
				138				233	SEE F.B. 1376-69
2	10	348	404 5	67 71	198	952	499 5	162 71	
				142 123				235 125	
3	102	378	403 5	62 80	195	900	496 5	153 80	T. J. MALDONADO
				159 203				260 205	
4	122	918	423 5	85 74	222	272	523 5	184 76	
				161 279				227 281	
5	129	508	430 5	97 64	195	096	496 5	163 64	
				158 341				123 345	
6	135	631	436 5	112 46	197	122	398 5	71 52	
				387				397 ✓	
								387	
B.M. 11-78A									B.M. 11-78A
	685	828 ✓			099	210 ✓		784 ✓	FIRST ST. & RESERVOIR ST.
					685	828			SEE F.B. 2880-36
					= 413	382 ✓			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-78A TO B.M. 11-77A
B.M. 11-78A	2												B.M. 11-78A
1	110	349	411	5	132 / 88	44	162	241	463	5	179 / 145	34	FIRST AVE & RESERVOIR ST.
													SEE F.B. 2880-36
2	194	589	495	5	230 / 158	72	118	379	419	5	159 / 77	82	
						116						116	
3	183	288	484	5	224 / 142	82	101	372	402	5	141 / 61	80	
						198						196	⊼ = MALDONADO
4	191	873	492	5	229 / 153	76	107	723	408	5	145 / 69	76	
						274						272	
5	206	457	507	5	247 / 165	82	95	381	396	5	135 / 55	80	
						356						352	
6	195	036	496	5	218 / 172	46	83	117	384	5	108 / 58	50	
						402 ✓						402 ✓	
B.M. 11-77A												402	B.M. 11-77A
	081	592 ✓					668	213 ✓				804	FIRST ST. & EAST END AVE.
	668	213											SEE F.B. 1376-69
+	413	379 ✓											

T = 60

WEATHER LT. WIND INST. NO. 96711

TIME 10:00 TO 10:35 ROD NO. 95490

NOTES CHKD PLANCHARD DATE MAY 26

F.B. 4111 PG. 146 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 2-23-71

INDEXED C. J. GALD DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 1-20-71 WEATHER VERY HAZY INST. NO. 96716
NOTES BY G.E. DREIER TIME 8:50 TO 9:15 ROD NO. 95 & 96
INDEXED R.J. GALLI DATE NOTES CHKD BLANCHARD DATE
F.B. 4111 PG. 147

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.11-78A TO B.M.11-79A
B.M.11-78A									B.M.11-78A
1	103	650	404 5	128 78 50	197	161	498 5	221 173 48	FIRST AVE & RESERVOIR ST
									SEE F.B. 2880-36
2	92	759	393 5	132 52 80	151	850	452 5	190 112 78	
				130				126	
3	121	131	422 5	162 80 82	160	545	461 5	202 118 84	T R. SIEMANN
				212				210	
4	90	600	391 5	123 57 66	197	499	498 5	232 162 70	
				278				280	
5	129	999	430 5	166 92 74	190	459	491 5	226 154 72	
				352				352	
6	143	723	444 5	181 105 76	72	991	373 5	109 35 74	
				428 ✓				426 ✓	
								428	
	681	862 ✓			970	505 ✓		854 ✓	
B.M.11-79A					681	862			B.M.11-79A
									FIRST AVE & TOWNE AVE
					+288	643 ✓			SEE F.B. 2880-37

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-79A TO BM 11-78A
BM 11-79A		23		125		2		191	BM 11-79A
1	84	561	386 5	84 ½ 82	151	246	452 5	111 80	First St. & Towne Ave.
				236				164	F.B. 2880-37
2	196	302	497 5	156 80	124	710	425 5	84 80	
				224 162				164 160	
3	185	058	486 5	146 78	124	238	425 5	84 80	
				235 240				194 240	T-Siemann
4	189	829	490 5	143 92	148	613	449 5	102 92	
				224 332				109 332	
5	184	028	485 5	144 80	69	371	370 5	29 80	
				234 412				167 412	
6	220	999	521 5	206 28	153	992	454 5	139 28	
				440 ✓				440 ✓	
								440	
	1060	777 ✓			762	170 ✓		880 ✓	
	762	170			7				
	+ 288	607 ✓							
									BM 11-78A
BM 11-78A									First St. & Reservoir St.
									F.B. 2880-36

F.B. 4111 PG. 148 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 2-23-71

INDEXED G. J. GALLI DATE

WEATHER Hazy Sun INST. NO. 9671

TIME 9:50 to 10:15 ROD NO. 9689

NOTES CHKD. BLANCHARD DATE MAY 26 71

T-58°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-79A TO B.M. 11-80
B.M. 11-79A									B.M. 11-79A
1	90	163	391 5	125 55 70	194 ~~198~~	967	495 5	231 157 74	FIRST ST. & POWNE AVE.
									SEE F.B. 2880-37
2	86	621	387 5	123 49 74	173	728	474 5	209 137 72	
				144				146	
3	115	121	416 5	154 76 78	250	268	551 5	288 212 76	⊼ R. SIEMANN
				222				222	
4	118	014	419 5	134 102 32	206	960	507 5	222 190 32	
				254 ✓				254 ✓	
B.M. 11-80								254	B.M. 11-80
	409	919 ✓			825	923 ✓		508 ✓	FIRST ST. & ELM ST.
					409	919			SEE F.B. 1376-71
					416	004 ✓			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 67°

SURVEY BY G. E. DREIER

NOTES BY G. E. DREIER DATE 1-20-71

INDEXED ~~G. J. GALL~~ DATE

WEATHER VERY HAZY INST. NO. 96716

TIME 9:15 TO 9:30 ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE MAR 26 '96

F.B. 4111 PG. 149

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 11-80 TO BM 11-79A
BM 11-80													BM 11-80
					270 1/2						99		First St. & Elm St.
1	270	030	571	5	226	88	54	837	355	5	9	90	F.B. 1376-71
					221						124		
2	180	519	481	5	139	82	85	171	386	5	46	78	
					240	170					136	168	
3	200	451	501	5	160	80	95	149	396	5	54	82	
						250 ✓						250 ✓	π-Siemann
												250	
	651	000 ✓					235	157 ✓				500 ✓	
	235	157											
BM 11-79A	+415	843 ✓											BM 11-79A
													First St. & Towne Ave.
													F.B. 2880-37

T-56°

WEATHER Hazy Sun INST. NO. 96716

TIME 9:30 to ROD NO. 95896

NOTES CHKD BLANCHARD DATE 2-23-71

F.B. 4111 PG. 150 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 2-23-71

INDEXED J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER VERY HAZY INST. NO. 26716
NOTES BY G.E. DREIER DATE 1-20-71 TIME 9:30 TO 10:45 ROD NO. 25896
INDEXED J. GALLI DATE NOTES CHKD BLANCHARD DATE
F.B. 4111 PG. 151

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-80 TO B.M. 11-83A
B.M. 11-80									B.M. 11-80
1	201	885	502 5	229 / 173 / 56	155	102	456 5	185 / 125 / 60	FIRST ST. & ELM ST
								234	SEE F.B. 1376-71
2	82	928	383 5	118 / 46 / 72	198	065	499 5	162 / 172	
				128				232	
3	178	140	479 5	215 / 141 / 74	206	188	507 5	245 / 167 / 78	↑ R. SIEMANN
				202				210	
4	143	509	444 5	178 / 108 / 70	165	080	466 5	199 / 131 / 68	
				272				278	
5	119	750	420 5	1153 / 1119 / 68	203	210	504 5	233 / 173 / 60	
				340				338	
6	163	163	464 5	203 / 123 / 80	170	578	471 5	211 / 129 / 82	
				420				420	
7	100	695	401 5	136 / 64 / 72	231	830	532 5	268 / 194 / 74	
				492	1330	053		494	
8	126	321	427 5	168 / 84 / 84	170	300	471 5	211 / 129 / 82	
				676 ✓				576 ✓	
								576	
	1116	391 ✓			1500	353 ✓		1152 ✓	
B.M. 11-83A					1116	391			B.M. 11-83A
					383	962 ✓			FIRST ST. & WHITE AVE
									SEE F.B. 2880-38

68°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-83A TO BM 11-80
BM 11-83A	54			218				156	BM 11-83A
1	177	559	478 5	136 82	115	211	416 5	74 82	First St. & White Ave.
				279				200	F.B. 2880-38
2	234	195	535 5	189 90	154	667	455 5	108 92	
				238 172				154 172	
3	188	540	489 5	138 100	106	900	407 5	58 96	
				218 272				185 268	π-Siemann
4	178	040	479 5	138 80	145	131	446 5	105 80	
				238 352				92 348	
5	198	323	499 5	158 80	55	433	356 5	18 74	
				128 432				112 422	
6	86	720	387 5	44 84	65	399	366 5	18 94	
				191 516				228 516	
7	164	241	465 5	137 54	201	052	502 5	174 54	
				570				~~570~~ 572	
								570	
	1227	618			843	793		1142	
	843	793							
	+383	825							
									BM 11-80
BM 11-80									First St. & Elm St.
									F.B. 1376-71

T-56

WEATHER Hazy Sun INST. NO. 96716

TIME 8:55 ROD NO. 95896

NOTES CHKD. BLANCHARD DATE MAY 26

F.B. 4111 PG. 152 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY Dreier NOTES Maldonado 2-23-71

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 67°

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 1-20-71

INDEXED B. J. GALLI DATE

WEATHER LIGHT FOG

TIME 10.20 TO 10:45

NOTES CHKD BLANTHARD DATE MAY 26 '71

INST. NO 96716

ROD NO. 95 & 96

F.B. 4111 PG. 153

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-83A TO B.M. 11-84A
B.M. 11-83A									B.M. 11-83A
1	51	161	352 5	83 19 64	255	861	556 5	288 222 66	FIRST ST. & WHITE AVE.
									SEE F.B. 2880-38
2	122	546	423 5	154 90 64	170	725	471 5	201 139 62	
				128				128	
3	111	191	412 5	144 78 66	142	850	443 5	177 107 70	
				194				198	
4	30	083	331 5	166 230 72	182	455	483 5	216 148 68	
				266				266	
5	77	555	378 5	118 36 82	205	077	506 5	246 164 82	π = DREIER
				348				348	
6	107	880	408 5	148 66 82	206	267	507 5	249 163 86	
				430				434	
7	125	416	426 5	156 94 62	183	597	484 5	213 153 60	
				492				494	
8	124	250	425 5	151 97 54	221	640	522 5	247 195 52	
				546 ✓				546 ✓	
B.M. 11-84A								546	B.M. 11-84A
	750	082 ✓			568	472 ✓		1092	OAK AVE. & SECOND ST.
					750	082			SEE F.B. 2880-39
					-818	390 ✓			

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. 4111 PG. 154 JOB NO 0301.02
SURVEY OF L.A.CO. PRECISE LEVEL NET
SURVEY BY DREIER NOTES SIEMANN 2-22-71
INDEXED C.J. GALLI DATE
NOTES CHKD BLANCHARD DATE 3-3-71
WEATHER OVERCAST INST. NO 96714
TIME 2:15 TO ROD NO 25896

T-60

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT		MIC.	LEFT.		STADIA	RIGHT		MIC.	LEFT.		STADIA	FROM B.M. 11-84A TO B.M. 11-83A
B.M. 11-84A													B.M. 11-84A
1	222	062	523	5	248 196	52	113	188	414	5	139 87	52	OAK AVE. & SECOND ST.
													SEE F.B. 2880-39
2	215	620	516	5	263 167	96	122	715	423	5	171 122	98	
3	219	434	520	5	265 173	92 146	118	811	419	5	165 71	94 150	
4	231	428	532	5	270 192	78 240	127	353	428	5	165 89	76 244	
5	259	360	560	5	304 213	91 318	112	902	413	5	157 67	90 320	T = DREIER
6	218	575	519	5	256 180	76 409	128	115	429	5	167 92	75 410	
7	193	002	494	5	222 164	58 485	182	65	319	5	148 118	60 485	
						543						545	
B.M. 11-83A												543	B.M. 11-83A
	1559	481					741	349				1088	FIRST ST. & WHITE AVE
	741	349											SEE FB.
	1818	132											

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY DREIER

NOTES BY SIEMANN DATE 1-20-70

INDEXED L. J. GALLI DATE

WEATHER HAZY

TIME 10:48 TO 11:15

NOTES CHKD BLANCHARD DATE

INST. NO 96716

ROD NO 95296

F.B. 4111 PG. 155

T=70

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-84A TO 11-85
B.M. 11-84A													B.M. 11-84 A
1	131	690	432	5	162 / 100	62	208	491	509	5	238 / 178	60	SECOND ST. & OAK AVE.
													SEE F.B. 2880-39
2	112	787	413	5	146 / 78	68	211	586	512	5	246 / 176	70	
						130						130	
3	112	907	413	5	146 / 78	68	207	346	508	5	241 / 173	68	
						198						198	
4	131	462	432	5	165 / 97	68	185	062	486	5	218 / 152	66	π = DREIER
						266						264	
5	137	660	438	5	177 / 97	80	217	420	518	5	257 / 177	80	
						346						344	
6	134	618	435	5	173 / 95	78	210	147	511	5	249 / 171	78	
						424						422	
7	96	272	397	5	133 / 59	74	209	119	510	5	246 / 172	74	
						498						496	
8	106	370	407	5	136 / 76	60	211	949	512	5	241 / 181	60	
						558		120				556	
9	130	840	431	5	150 / 110	40	207	915	508	5	228 / 186	42	
						598 ✓						598 ✓	
B.M. 11-85												598	B.M. 11-85
	1094	606 ✓					1869	035 ✓				1196 ✓	SECOND ST. & HWY. #60.
							1094	606					SEE F.B. 1376-76
							- 774	429 ✓					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-85 TO B.M. 11-84A
B.M. 11-85	+4						+						B.M. 11-85
1	254	930	555	5	300 208	92	84	374	385	5	129 39	90	SECOND ST. & HWY. #60
													SEE F.B. 1376-76
2	215	281	516	5	253 177	76	100	170	401	5	138 62	76	
						168						166	
3	214	548	515	5	251 177	74	119	972	420	5	158 80	78	
						242						244	
4	189	508	490	5	224 154	70	126	609	427	5	160 92	68	
						312						312	$\overline{\wedge}$ = DREIER
5	195	584	496	5	238 152	86	131	662	432	5	174 88	86	
						398						398	
6	227	865	528	5	270 184	86	97	311	398	5	141 53	88	
						484						486	
7	210	782	511	5	253 167	86	81	585	382	5	123 39	84	
						570						570	
8	176	056	477	5	189 163	26	168	828	469	5	181 155	26	
						596 ✓						596 ✓	
B.M. 11-84A												596	B.M. 11-84A
	1684	554 ✓					910	511 ✓				1192	SECOND ST. & OAK AVE.
	910	511											SEE F.B. 2880-39
	+774	043 ✓											

T=60

WEATHER OVERCAST INST. NO 96716

TIME 1:40 TO 2:10 ROD NO 95496

NOTES CHKD BLANCHARD DATE

F.B. 4111 PG. 156 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 2-22-71

INDEXED J. J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 66° F.B. 4111 PG. 157
SURVEY BY G.E. DREIER WEATHER CLOUDY INST. NO. 96716
NOTES BY G.E. SIEMANN DATE 2-23-71 TIME 2:35 TO 3:30 ROD NO. 25496
INDEXED G.J. GALLI DATE NOTES CHK'D BLANCHARD DATE MAR 29 '71

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-84A TO B.M. 11-85
B.M. 11-84A													B.M. 11-84A
1	116	958	417	5	154 78	76	213	282	514	5	253 173	80	SECOND ST. & OAK AVE.
													SEE F.B. 2880-39
2	82	041	383	5	125 39	86	210	950	511	5	253 167	86	
						162					232	166	
3	109	189	410	5	147 71	76	194	902	495	5	156	76	RERUN
					168	238					254	242	T = MALOONA00
4	120	542	421	5	72	96	206	969	507	5	158	96	
					154	334					274	338	
5	97	073	398	5	40	114	217	810	518	5	160	114	
					122	448					263	452	
6	77	468	378	5	32	90	220	190	521	5	177	86	
						538					279	538	
7	87	728	388	5	118 56	62	200	941	501	5	171	58	
						600						596 ✓	
B.M. 11-85												600	B.M. 11-85
	690	999 ✓					1465	044 ✓				1196	SECOND ST. & HWY. #60
							690	999					SEE F.B. 1376-76
							774	045 ✓					

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 74°
SURVEY BY G. E. DREIER WEATHER HAZY SUNNY INST. NO. 96716
NOTES BY SIEMANN DATE 1-20-71 TIME 11:20 TO 12:10 ROD NO. 85496
INDEXED L. J. GALLI DATE NOTES CHKD BLANCHARD DATE MAY 26 '71
F.B. 4111 PG. 159

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-85 TO B.M. 11-86
B.M. 11-85				243				283	B.M. 11-85
1	216	402	517	5 189 54	283	733	584	5 255 56	SECOND ST. & HWY. # 60
									SEE F.B. 1376-76
2	218	333	519	5 257 179 78	182	062	483	5 216 148 68	
				132				124	
3	277	436	578	5 300 254 46	299	676	600	5 299 272 54	
				178				178	π = DREIER
4	259	15	326	5 261 225 72	222	300	523	5 259 185 74	
				250				252	
5	78	382	379	5 122 34 88	221	482	522	5 264 178 86	
				338 ✓				338 ✓	
B.M. 11-86								338	B.M. 11-86
	816	468 ✓			1209	253 ✓		676	S.P.R.R. & W. OF VERNON AVE.
					816	468			SEE F.B. 1376-77
					- 392	785 ✓			

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. 4111 PG. 160 JOB NO 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 2-22-71

INDEXED G.J. GALLI DATE

NOTES CHKD BLANCHARD DATE

WEATHER OVERCAST INST. NO 96714

TIME 1:15 TO 1:35 ROD NO 25324

T = 60°

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM B.M. 11-86 TO B.M. 11-85
B.M. 11-86											B.M. 11-86
1	108	503	409	5	143 73 70	36	195	337	5	73 1 74	S.P.R.R. W. OF VERNON AVE.
											SEE F.B. 1376-77
2	245	978	546	5	257 233 24	26	502	327	5	39 13 26	
					94					100	
3	300	378	601	5	300 ½ 288 24	12	202	313	5	22 2 20	
					118					120	
4	296	527	597	5	296 ½ 282 28	24	202	325	5	38 10 28	T = DREIER
					146					148	
5	191	163	492	5	238 144 94	203	385	504	5	250 156 94	
					240					242	
6	6	743	307	5	½ 24 6. 36	301	112	602	5	½ 301 287 28	
					276					270	
7	70	443	371	5	78 62 16	223	372	524		234 212 22	
					292					292	
B.M. 11-85										292	B.M. 11-85
	12 & 735					826	970			584	SECOND ST. & HWY. # 60.
	826 970										SEE F.B. 1376-76
	+389 765										
	92										

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY G. E. DREIER DATE 1-20-71 WEATHER HAZY SUN 75°
INDEXED E. J. GALLI DATE TIME 1:20 TO 1:35 ROD NO. INST. NO. 2677 & 55 696
NOTES CHKD BLANCHARD DATE F.B. 4111 PG. 161

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM B.M. 11-86 TO B.M. 11-87
B.M. 11-86				188					249		B.M. 11-86
1	52	589	3535	252	72	215	761	5165	181	68	S.P.R.R. & W. OF VERNON AVE.
											SEE F.B. 1376-77
2	77	773	3785	120 34	86	227	876	5285	269 185	84	
					158					152	
3	106	548	4075	143 69	74	199	351	5005	238 160	78	J. MALDONADO
					232					230	
4	146	527	4475	153 139	14	175	444	4765	182 168	14	
					246					244	
B.M. 11-87										246	B.M. 11-87 (L.A. CO. RD. DEPT)
	383	437				818	432			490	MT. VERNON AVE & ROSECRANS ST. NOW RIDGEWAY
						383	437				SEE F.B. 1376-78
						-434	995				

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. 11-87 TO B.M. 11-86
B.M. 11-87													B.M. 11-87
1	243	628	544	5	281 205	76	143	220	444	5	181 105	76	POMONA BLVD. - MT VERNON AVE & ROSECRA ST
													SEE F.B. 1376-78
2	242	171	543	5	282 202	80	116	959	417	5	157 75	82	
						156						158	⊼ J. MALDONADO
3	260	711	561	5	299 221	78	64	721	365	5	103 25	78	
						234						236	
4	151	411	452	5	157 145	12	138	181	439	5	143 133	10	
						246 ✓						246 ✓	
B.M. 11-86												246	B.M. 11-86
	897	921 ✓					463	081 ✓				492	POMONA BLVD. - S.P. RR., W. OF VERNON AVE.
	463	081											SEE F.B. 1376-77
	434	840 ✓											

T = 58°

WEATHER PART CLOUDY INST. NO. 96716

TIME 11:30 TO 12:00 ROD NO. 95896

NOTES CHKD. BLANCHARD DATE MAY 2 6

F.B. 4111 PG. 162 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER

INDEXED C.J. GALL DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER HAZY SUN
NOTES BY G.E. DREIER DATE 1-20-71 TIME 1:35 TO 1:50 ROD NO. 85 & 86
INDEXED E.J. GALLI DATE NOTES CHKD R. BANCHARD DATE 1/26/71
F.B. 4111 PG. 163

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.11-87 TO B.M.11-88
B.M.11-87									B.M.11-87 (L.A. Co. RD. RIDGEWAY
1	87	362	388	5 12-2 52 70	236	464	537	5 271 201 70	MT. VERNON AVE & ~~ROSECRANS~~ ST.
				80				287	SEE F.B. 1376-78
2	43	188	344	5 6 74	287	327	588	5 251 72	
				144 ✓				142 ✓	
								144	⊼ J. MALDONADO
	130	550 ✓			523	791 ✓		286 ✓	
B.M.11-88					130	550			B.M.11-88 (CLAREMONT A-68)
									POMONA BLVD. OPPOS. HO. # 2640
					-393	241 ✓			

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. 11-88 to B.M. 11-87
B.M. 11-88					288								B.M. 11-88 (CLAREMONT A6B
1	288	712	589	5	250 1/2	76	38	602	339	5	76 0	76	POMONA BLVD. OPPOS. No. # 2640
					278						175 159		SEE F.B. 1376-79
2	245	963	546	5	212	66	102	831	403	5	69	66	
						142						142	⊼ J. MALDONADO
B.M. 11-87												142	
	534	675					141	433				284	B.M. 11-87
	141	433											POMONA
	+393	242											

T = 56°

WEATHER PART CL INST. NO. 96716

TIME 1015 TO 11:30 ROD NO. 95 & 9

NOTES CHKD BLANCHARD DATE

F.B. 4111 PG. 164 JOB NO. 030102

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 2-22-71

INDEXED G. J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER HAZY SUN INST. NO. 96716
NOTES BY G.E. DREIER DATE 1-20-71 TIME 1:50 TO 2:15 ROD NO. 95896
INDEXED C.J. GALLI DATE NOTES CHKD BLANCHARD DATE 1-26-71
F.B. 4111 PG. 165

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.11-88 TO B.M.11-89
B.M.11-88				135				285	B.M. 11-88 (CLAREMONT A-6B
1	97	080	398	5 59 76	248	638	549	5 211 74	POMONA BLVD. OPPOS. NO. #2640
									SEE F.B. 1376-79
				83				274	
2	50	373	351	5 17 66	241	473	542	5 208 66	
				142				291	140
3	52	231	353	5 89 15 74	254	532	555	5 217 74	T J. MALDONADO
				216				288	214
4	44	629	345	5 81 7 74	252	220	553	5 216 72	
				290					286
5	53	043	354	5 83 23 60	215	612	516	5 185 60	
				350				235	346
6	127	406	428	5 145 169 36	216	567	517	5 197 38	
				386					384
									386
B.M.11-89									B.M.11-89 (COVINA L-6 1939)
	424	762			429	042			770 POMONA BLVD & ORANGE FRWY
					424	762			SEE F.B. 1376-80
					1004	280			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-89 TO B.M. 11-88
B.M. 11-89									B.M. 11-89 (COVINA L-6 1939)
1	249	250	550 5	285 213 72	63	092	364 5	98 28 70	~~VALLEY~~ POMONA BLVD & ? FRWY
									SEE F.B. 1376-80
2	269	991	570 5	269 227 84	35	252	336 5	76 35 82	
				156				152	
3	258	204	559 5	296 220 76	45	947	346 5	84 6 78	⊼ J. MALDONADO
				232				230	
4	258	841	559 5	299 217 82	38	882	339 5	78 -2 80	
				314				310	
5	258	171	559 5	294 222 72	106	768	407 5	144 68 76	
				386 ✓				386 ✓	
B.M. 11-88								386	B.M. 11-88 (CLAREMONT A6B
	1294	457 ✓			289	941 ✓		772	POMONA BLVD. OPPOS. HO. # 2640
	289	941							SEE F.B. 1376-79
	+1004	516 ✓							

T = 55°

WEATHER CLOUDY INST. NO. 96716

TIME 10:50 TO 11:15 ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE MAY 23

F.B. 4111 PG. 166 JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 2-22-71

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER WEATHER HAZY SUN 74° INST. NO. 36716
NOTES BY DREIER DATE 1-20-71 TIME 2:15 PM ROD NO. 25 & 26
INDEXED J. J. GALLI DATE NOTES CHKD BLANCHARD DATE
F.B. 4111 PG. 167

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-89 TO B.M. 11-90
B.M. 11-89													B.M. 11-89 (COVINA L-6 1939)
1	117	820	419	5	156 78	78	217	113	518	5	255 179	76	POMONA BLVD. & ORANGE FRWY.
													SEE F.B. 1376-80
2	92	289	393	5	126 58	68	210	712	511	5	244 176	68	
3	92	490	393	5	128 56	146 72	214	111	515	5	249 179	144 70	T J. MALDONADO
4	95	029	396	5	125 65	218 60	212	648	513	5	245 179	214 66	
5	112	989	413	5	146 78	278 68	188	956	489	5	219 157	280 62	
6	135	422	436	5	147 123	346 24	198	598	499	5	213 183	342 30	
						370 ✓						372 ✓	
B.M. 11-90												870	B.M. 11-90
	646	039 ✓					1242	138 ✓				742	POMONA BLVD. & OLD SPADRA SCHOOL
							646	039					SEE F.B. 1376-81
							-596	099 ✓					

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. 11-90 TO B.M. 11-89
B.M. 11-90													B.M. 11-90
1	227	968	528	5	264 / 190	74	111	522	412	5	147 / 75	72	POMONA ~~VALLEY~~ BLVD. & OLD SPADRA SCHOOL
													SEE F.B. 1376-81
2	220	583	521	5	257 / 183	74	95	598	396	5	130 / 60	70	
						148						142	
3	226	489	527	5	265 / 187	78	91	842	392	5	128 / 54	74	⊼ J. MALDONADO
						226						216	
4	219	966	520	5	256 / 182	74	90	763	391	5	127 / 53	74	
						300						290	
5	209	191	510	5	243 / 173	70	118	344	419	5	157 / 79	78	
						370						368	
B.M. 11-89												370	B.M. 11-89
	1104	197					508	069				738	POMONA BLVD. & ? FRWY
	508	069											SEE F.B. 1376-80
	+ 596	128											

55°

WEATHER PART CLOUDY INST. NO. 96716

TIME 10:25 TO 10:50 ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE

F.B. 4111 PG. 168 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 2-22-71

INDEXED C. J. GALL DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER WEATHER HAZY SUN
NOTES BY G. E. DREIER DATE 1-20-71 TIME 2:50 INST. NO. 26716
INDEXED G. J. GALLI DATE NOTES CHKD BLANCHARD DATE ROD NO 25 & 26
F.B. 4111 PG. 169

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-90 TO B.M. 11-90A
B.M. 11-90													B.M. 11-90 OLD POMONA BLVD. & SPADRA SCHOOL
					187						269		
1	151	374	452	5	115	72	233	921	534	5	197	72	SEE F.B. 1376-81
												72	
							151	374				144 ✓	↑ J. MALDONADO
B.M. 11-90A							− 82	547 ✓					B.M. 11-90A
													POMONA BLVD. & TEMPLE AVE.
													SEE F.B. 3710-201
			RERUN		5-16-71		1:00	TEMP 90°			SMOGGY		
B.M. 11-90											191		
1	192	411	493	5	203 181	22	181	862	482	5	171	20	
					155						247		
2	128	759	429	5	101	54	221	762	522	5	195	52	
						76 ✓						72 ✓	
												76	
B.M. 11-90A	321	170 ✓					463	624 ✓				148 ✓	
							321	170					
							− 82	554 ✓					

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. 11-90A TO B.M. 11-90
B.M. 11-90A									B.M. 11-90A
1	223	749	524	259 / 187 72	141	341	442 5	178 / 104 74	POMONA ~~VALLEY~~ BLVD. & TEMPLE AVE
	141	341						22	SEE F.B. 3710-201
								146	~~T~~ J. MALDONADO
	82	408							
B.M. 11-90									B.M. 11-90
									POMONA ~~VALLEY~~ BLVD & OLD SPADRA SCHOOL
									SEE F.B. 1376-81
			RERUN 5-17-71			12:50	TEMP = 88°	SMOGGY	
B.M. 11-90A									
	~~204~~	~~041~~	~~505~~ 5	~~235~~ 173					
1	197	060	498 5	223 / 171 52	103	881	404 5	129 / 77 52	
2	178	721	479 5	188 / 168 20	189	281	490 5	200 / 178 22	
				72				74	
B.M. 11-90								72	
	375	781			293	162		146	
	293	162							
	182	619							

F.B. 4111 PG. 170 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY NOTES DREIER 2-22-71

INDEXED J. GALLI DATE

WEATHER PART CLOUDY INST. NO. 96716

TIME 10:15 ROD NO. 95 & 9

NOTES CHKD BLANCHARD DATE MAY 2 ...

55°

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 72

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

NOTES BY G.E. DREIER DATE 1-20-71 TIME 2:50 TO 3:10 ROD NO. 95896

INDEXED G.J. GALLI DATE NOTES CHKD BLANCHARD DATE

F.B. 4111 PG. 171

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-90A TO B.M. 11-91
B.M. 11-90A									B.M. 11-90A
1	94	852	395 5	134 54 80	224	061	525 5	264 184 80	POMONA BLVD. & TEMPLE AVE
									SEE F.B. 3710-201
2	98	742	399 5	132 64 68	217	112	518 5	253 181 72	
				148				152	
3	76	581	377 5	112 40 72	210	292	511 5	244 176 68	⊼ J. MALDONADO
				220				220	
4	79	440	380 5	112 46 66	176	253	477 5	208 144 64	
				286				284	
5	129	195	430 5	156 102 54	224	083	525 5	251 197 54	
				340				338	
B.M. 11-91								340	B.M. 11-91
	478	810			1051	801		678	POMONA BLVD. & VALLEY BLVD.
					478	810			SEE F.B. 2880-14
					572	991			
B.M. 11-90A									
1	104	085	405 5	134 74 60	203	613	504 5	236 170 66	RERUN 5-17-71, 1: TEMP= 86°
									BM 11-90A SMOGGY
2	102	239	403 5	131 73 58	207	092	508 5	238 176 62	Pomona Blvd & Temple Ave
				118				128	See FB 3710-201
3	104	568	405 5	133 75 58	195	180	496 5	219 171 48	
				176				176	⊼ Maldonado
~~4~~ 4	99	608	400 5	126 72 54	212	851	513 5	239 185 54	
~~5~~				230				230	
5	102	001	403 5	130 74 56	186	411	487 5	215 157 58	
				286				288	
6	140	942	441 5	166 114 52	221	438	522 5	246 196 50	
BM	653	473		338	226	585		338	BM 11-91
11-91					653	473		338	Pomona Blvd & Valley Blvd
					573	142		676	See FB 2880-14

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

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

Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 95289 DATE 2-26-71
WEATHER PART CLOUDY 56° TIME 9:40 TO 10:10
NOTES CHKD BLANCHARD
INDEXED G.J. GALLI DATE
F.B. 4111 PG. 172 JOB NO 2301.02
SURVEY OF LA. CO. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 2-22-71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M.11-91 TO B.M.11-90A
B.M.11-91					268						164		B.M.11-91
1	231	873	532	5	194	74	127	632	428	5	90	74	VALLEY BLVD. & POMONA BLVD.
					263						112		SEE F.B. 2886-14
2	224	091	525	5	184	79	73	768	374	5	34	78	
					254	153					125	152	
3	218	338	519	5	182	72	93	856	394	5	61	64	T J. MALDONADO
					251	225					118	216	
4	214	539	515	5	177	74	76	130	377	5	34	84	
					208	299					151	300	
5	188	806	489	5	168	40	132	851	433	5	114	37	
						339						337 ✓	
B.M.11-90A												339	B.M.11-90A
	1077	647 ✓						386				676	VALLEY BLVD. & TEMPLE AVE
	504	237					504	237 ✓					SEE F.B. 3710-201
	+573	410 ✓											
													ReRun 5-17-71 TC
BM 11-91		389			271	72	133				169	73	BM 11-91 Smoggy
1	235	389	536	5	199		103	157	434	5	97		Valley Blvd & Pomona Blvd
					234	60					120	66	
2	204	006	505	5	174	132	90	140	391	5	60	132	See FB 2880-14
					234	60					120	62	
3	204	868	505	5	174	192	89	048	390	5	58	194	
					226	58					121	58	
4	197	467	498	5	166	250	92	153	393	5	63	252	T Maldonado
					213	50					132	50	
5	188	201	489	5	163	300	107	233	408	5	92	302	
					212	42					188	38	
6	191	001	492	5	170	342 ✓	136	052	437	5	117	340 ✓	
	381	13					32	17				342	
BM 11-90A	1220	938 ✓					647	785 ✓				382 ✓	BM 11-90A
	647	783										6	Pomona Blvd @ Temple Ave
	573	150											See FB 3710-201
		149 ✓											

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 1-27-70 WEATHER Foggy 55°
NOTES BY G.E. DREIER DATE 1-27-70 TIME 11:15 TO 11:25 INST. NO 96716
INDEXED [redacted] CALL DATE NOTES CHKD BLANCHARD DATE JAN 25 ROD NO 95 & 94
F.B. 4111 PG. 173

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA		DESCRIPTION AND REMARKS
											FROM B.M. 11-91 TO B.M. 11-91A
B.M. 11-91									290		B.M. 11-91
1	63	360	364	5	110 / 63	243	579	544	5	196 / 94	POMONA BLVD. & VALLEY BLVD.
											SEE F.B. 2880-14
2	131	760	432	5	159 / 103	199	500	500	5	226 / 172	54
					150					208	148
3	79	110	380	5	118 / 40	170	802	471	5	132	76
					228					139	224
4	190	310	491	5	212 / 168	114	910	415	5	114	46
					272						270
B.M. 11-91A											272 B.M. 11-91A
	464	840				728	791				542 VALLEY BLVD. & SAN JOSE WASH
		5				464	840				SEE FB. 2880-42
							5				
						-264	951				Rerun 5-17-71 T = 84
BM 11-91											BM 11-91 Smoggy
1	103	820	404	5	135 / 71	219	673	520	5	252 / 186	66 Pomona Blvd & Valley Blvd
											See FB 2880-14
2	124	772	425	5	154 / 94	215	711	516	5	245 / 185	60
					124						126
3	113	441	414	5	143 / 83	236	659	537	5	266 / 206	60 T Siemann
					184						186
4	144	639	445	5	179 / 119	132	422	433	5	160 / 104	56
					244						242
5	176	601	477	5	190 / 162	123	202	424	5	136 / 110	26
	663	273			272	927	717				268
BM 11-91A						663	273				272 BM 11-91A
						-264	444				540 Valley Blvd & San Jose Wash
											See FB 2880-42

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. 11-91A TO B.M. 11-91
B.M. 11-91A													B.M. 11-91A
1	76	352	377	5	110 42	68	152	030	453	5	187 117	70	VALLEY BLVD. & SAN JOSE WASH
													SEE F.B. 2880-42
2	202	109	503	5	238 166	72	90	109	391	5	127 53	76	
												146	
3	217	829	518	5	250 184	140 66	110	439	411	5	141 79	62	⊼ R. SIEMANN
						206						208	
4	226	000	527	5	261 191	70	105	221	406	5	137 73	64	
						276						272	
B.M. 11-91												276	B.M. 11-91
	722	290					457	799				548	VALLEY BLVD. & POMONA BLVD.
	457	799											SEE F.B. 2880-14
	+264	491											

57°

WEATHER PART CLOUDY INST. NO. 96716

TIME 9:20 TO 9:40 ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE MAY 2 5

F.B. 4111 PG. 174 JOB NO. 0301.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 2-22-71

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.92 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 1-21-71 WEATHER FOGGY 55°
TIME 11:25 TO 11:35 INST. NO. 96716 ROD NO. 95 & 96
INDEXED DATE NOTES CHKD BLANCHARD DATE MAY 25 '71
F.B. 4111 PG. 175

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.11-91A TO B.M.11-92
M.11-91A					170						230		B.M.11-91A
1	149	398	450	5	128	42	210	311	571	5	190	40	VALLEY BLVD. & SAN JOSE WASH
					99						299		SEE F.B. 2880-42
2	68	539	369	5	37	62	267	377	568	5	235	64	
					127	104					241	104	
3	109	971	410	5	91	36	223	000	524	5	205	36	T R. SIEMANN
						140						140	
BM.11-92												140	B.M. 11-92
	327	908					700	688				280	VALLEY BLVD. NEAR DUMP ENTRANCE N
							327	908					SEE F.B. 2880-42
						372	780						
													Re Run 5-17-71 T=86
BM 11-91A													BM 11-91A Smoggy
1	157	721	458	5	136	42	230	526	631	5	207	46	Valley Blvd & San Jose Wash
					102						287		See FB 2880-42
2	173	550	374	5	44	58	258	330	559	5	229	58	
						100						104	
3	108	200	409	5	127	38	223	439	524	5	241	36	T Siemann
					89						206		
						138						140	
BM 11-92												138	BM 11-92
	339	471					712	295				278	Vally Blvd & Near Dump Entrance
							339	471					See FB 2880-42
						372	824						

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M 11-92 TO B.M. 11-91A
B.M. 11-92													B.M. 11-9~~1A~~2 N.E. OF DUMP ENT
1	256	780	557	5	292 220	72	38	307	339	5	74 2	72	VALLEY BLVD. & ~~SAN JOSE WASH~~
													SEE F.B. 2880-42
2	245	810	546	5	280 210	70	91	308	392	5	128 54	74	
						142 ✓						146 ✓	
B.M. 11-91A												142	B.M. 11-91A
	502	590 ✓					129	615 ✓				288	VALLEY BLVD. & SAN JOSE WASH
	129	615											SEE F.B. 2880-42
	372	975 ✓											
													Re Run 5-17-71 T=86
BM 11-92	1												BM 11-92 Smoggy
1	230	991	531	5	255 205	50	80	650	381	5	106 54	52	Valley Blvd Near Dump
													See FB 2880-42
2	241	602	542	5	266 216	50	89	070	390	5	113 65	48	
						100						100	⊼ Siemann
3	223	101	524	5	246 200	46	153	220	454	5	176 130	46	
						146 ✓						146 ✓	
BM 11-91A												146	BM 11-91A
	695	694 ✓					322	940 ✓				292 ✓	Valley Blvd & San Jose Wash
	322	940											See FB 2880-42
	372	754 ✓											

56

WEATHER PART CLOUDY INST. NO. 96716

TIME 9:10 ROD NO. 95896

NOTES CHKD BLANCHARD DATE MAY 26

F.B. 4111 PG. 176 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 2-22-71

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER FOGGY
NOTES BY G.E. DREIER DATE 1-21-71 TIME 11:40 TO
INDEXED R.J. GALL DATE NOTES CHKD BLANCHARD DATE
INST. NO 9676 ROD NO 954
F.B. 4111 PG. 177

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-92 TO B.M. 11-93
B.M. 11-92					163						226		B.M. 11-92
1	128	382	429	5	93	70	195	879	496	5	164	62	VALLEY BLVD. NEAR DUMP ENTRANCE
													SEE F.B. 2880-42
2	38	354	339	5	76 8	76	210	380	511	5	247 173	74	
						146						136	
3	71	487	372	5	108 34	74	262	435	553	5	294 210	84	T R. SIEMANN
						220					260	220	
4	94	684	395	5	130 58	72	225	241	526	5	190	70	
					134	292					279	290	
5	93	851	394	5	52	82	238	754	539	5	197	82	
					155	374					157	372	
6	126	560	427	5	97	58	129	661	430	5	101	56	
					234	432					114	428	
7	211	351	512	5	188	46	92	441	393	5	70	44	
					204	478					162	472	
8	188	604	489	5	172	32	143	780	444	5	124	38	
						510 ✓						510 ✓	
												510	
B.M. 11-93	953	273 ✓					1488	571 ✓				1020 ✓	B.M. 11-93
							953	273					VALLEY BLVD. OPPOS. GAS STATION
													SEE F.B. 1376-84
							-535	298 ✓					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM.11-93 TO BM.11-92
B.M.11-93													BM.11-93
1	119	999	420	5	146 / 92	54	216	119	517	5	243 / 189	54	VALLEY BLVD. OPPOSTITE GAS STA
													SEE F.B. 1376-84
2	74	711	375	5	104 / 44	60	167	862	468	5	196 / 138	58	
						114						112	
3	237	180	538	5	281 / 193	88	83	389	384	5	128 / 38	90	⊼ R. SIEMANN
						202						202	
4	219	592	520	5	258 / 180	78	89	061	390	5	127 / 51	76	
						280						278	
5	226	400	527	5	265 / 187	78	95	459	396	5	135 / 55	80	
						358						358	
6	285	331	586	5	285 / 245	80	83	524	384	5	122 / 44	78	
						438						436	
7	218	290	519	5	250 / 186	64	110	591	411	5	142 / 78	64	
						502						500 ✓	
B.M. 11-92												502	B.M. 11-92
	1381	503 ✓					846	005 ✓				1002	VALLEY BLVD. N.E. OF DUMP ENTRAN
	846	005											SEE F.B. 2880-42
	+535	498 ✓											

F.B. 4111 PG. 178 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 2-22-71

INDEXED G. J. SAND DATE

WEATHER PART OVERCAST INST. NO. 96716

TIME 8:40 TO 9:10 ROD NO. 95896

NOTES CHKD BLANCHARD DATE

50°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-93 TO BM 11-94
BM-11-93				266				290½	BM 11-93
1	220	963	521 5	174 92	290	348	591 5	242½ 96	Valley Blvd. & 250'± N'ly. of
				28				239	"Ram" Gas Station
2	18	587	319 5	8 20	230	630	531 5	221 18	see F.B. 1376-84
				99 112				292 114	
3	82	121	383 5	65 34	274	001	575 5	256 36	
				36½ 146				300½ 150	
4	8	820	309 5	8½ 56	300	621	601 5	276½ 48	π-Dreier
				70 202				297½ 198	
5	54	967	355 5	38 32	297	321	598 5	279½ 36	
				234				234	
	385	458			1392	921		234	BM 11-94 (COVINA 1-9 Ave No. 2)
BM 11-94					385	458		468	Valley Blvd. & 0.25 mi. E'ly.
									of Grand Ave. & 11.3 ft SE'ly. of
					1007	463			P.P.# G229234
									See F.B. 1376-85

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

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

NOTES BY Maldonado DATE 1-24-71 TIME 2:00 to 2:15 ROD NO. 95896

INDEXED G.J. GALLI DATE NOTES CHKD BLANCHARD DATE

T-55°

F.B. 4111 PG. 179

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM11-94 TO BM11-93
BM 11-94								61	BM 11-94
1	301	451	602 5	301 1 / 282 1/2 38	42	333	343 5	23 38	Valley Blvd. & 0.25 E'ly. of Grand
								55	Ave. & 11.3 Ft. S'ly. of
2	282	809	583 5	303 / 261 42	33	352	334 5	11 44	P.P. 22923Y
				80				64 82	F.B. 1376-85
3	300	330	601 5	300 1 / 278 1/2 44	43	861	344 5	22 42	
				124				68 124	
4	301	922	602 5	301 1 / 277 1/2 48	44	074	345 5	20 48	T-Dreier
				172				267 172	
5	219	378	520 5	252 / 186 66	234	934	535 5	201 66	
				238				238	
								238	BM 11-93
	1405	890			~~43~~ 8	554		476	Valley Blvd. & 250± N'ly of
BM 11-93	~~43~~ 39	8554			39				"Ram" Gas Sta.
	+~~96~~ 7	336							F.B. 1376-84
	+100								

T-52

F.B. 4111 PG. 180 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 2-19-71

INDEXED C. J. GARN DATE

WEATHER Cloudy INST. NO. 96714

TIME 11:35 ROD NO. 95856

NOTES CHKD BLANCHARD DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM11-94 TO BM11-95
BM11-94													BM11-94
					130						237		Valley Blvd & 0.25 mi. E'ly of
1	90	637	391	5	50	80	198	370	499	5	159	78	Grand Ave. & 11.3 Ft. SE'ly of
					169						225		P.P. #229234
2	128	953	429	5	87	82	184	203	485	5	143	82	See F.B. 1376-85
					192	162					286	160	
3	147	059	448	5	102	90	240	967	541	5	194	92	
						252						252	
												252	T-Dreier
	366	649					623	540				504	
							366	649					BM11-95
BM11-95													Valley Blvd. & Grand Ave.
							256	891					See F.B. 2880-45

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 1-21-70

INDEXED [illegible] DATE

WEATHER Overcast INST. NO. 96716

TIME 2:15 to 2:30 ROD NO. 95896

NOTES CHKD BLANCHARD DATE

T-55

F.B. 4111 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 11-95 TO BM 11-94
BM 11-95					282						180		BM 11-95
1	228	882	529	5	174	108	126	461	427	5	72	108	Valley Blvd. & Grand Ave.
					217						151		F.B. 2880-45
2	178	197	479	5	139	78	113	473	414	5	75	76	
					207	186					117	184	
3	173	334	474	5	139	68	83	757	384	5	49	68	
						254 ✓						252 ✓	
												254	
	580	413 ✓					323	691 ✓				506 ✓	
	323	691											BM 11-94
	+256	722 ✓											Valley Blvd. & 0.25 E'ly.
BM 11-94													of Grand Ave. & 11.3 S'ly. of
													P.P. # 229237
													F.B. 1376-85

T-54°

WEATHER Cloudy INST. NO. 96706

TIME 11:15 to ROD NO. 95 [illegible]

NOTES CHKD BLANCHARD DATE 2-6-71

F.B. 4111 PG. 182 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 2-19-71

INDEXED G. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-95 TO BM 11-96
BM 11-95									BM 11-95
1	103	147	404 5	149 7 / 103 1/2 92	288 7	910	588 5	288 / 240 1/2 96	Valley Blvd. & Grand Ave.
				108				306	see F.B. 2880-45
2	59	820	360 5	10 98	258	688	559 5	210 96	
				116 190				306 192	
3	67	628	368 5	18 98	257	222	558 5	208 98	K-Dreier
				124 288				264 1 290	
4	79	690	380 5	34 90	264	694	565 5	220 1/2 88	
				130 378				242 378	
5	113	788	414 5	96 34	225	292	526 5	208 34	
				412				412	BM 11-96 OLD?
	424	073			1293	806		412	Valley Blvd. & Brea Cym. Rd.
BM 11-96					424	073		824	see F.B. 3710-215
					869	733			

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 1-21-70

INDEXED B.J. GALLI DATE

WEATHER Overcast

TIME 2:30 to 3:00

NOTES CHKD BLANCHARD DATE JAN 25 '70

INST. NO. 96716

ROD NO. 95 & 96

T-56°

F.B. 4111 PG. 183

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4111 PG. 184 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 2-19-71

INDEXED C. J. GALLI DATE

T-54

WEATHER Cloudy INST. NO. 947

TIME 12:50 to 11:45 ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE 2-24-71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-96 TO BM 11-95
BM 11-96				285.1				116	BM 11-96
1	285	643	586 5	252.2 66	83	333	384 5	50 66	Valley Blvd. & Brea Cyn. Rd.
				267				129	F.B. 3710-215
2	219	843	520 5	171 96	81	843	387 5	33 96	
				303 162				93 162	
3	258	638	559 5	213 90	49	551	350 5	5 88	
				279 252				129 250	
4	236	511	537 5	193 86	86	089	387 5	43 86	X-Dreier
				296 338				127 336	
5	256	110	557 5	216 80	86	113	387 5	86½ 82	
				418 ✓				418 ✓	
								418	BM 11-95
	1256	745 ✓			386	929 ✓		836	Valley Blvd. & Grand Ave.
BM 11-95	386	929							F.B. 2880-45
	869	816 ✓							

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. Dreier WEATHER Overcast INST. NO. 26716
NOTES BY M. Maldonado DATE 1-21-71 TIME 3:00 to 3:05 ROD NO. 25596
INDEXED G. J. GALL DATE NOTES CHKD. BLANCHARD DATE
F.B. 4111 Pg. 185

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 11-96 TO BM 11-96A
BM 11-96					212						158		BM 11-96
1	196	478	449	7	180	32	142	372	443	5	126	32	Valley Blvd & Brea Cyn. Rd.
	182	372										32	see F.B. 3710-215 & 216
	+54	106										64	K-Dreier
BM 11-96A													BM 11-96A (Fl. Cont. 103-00005
													Valley Blvd & Brea Cyn. Rd.
													see F.B. 3710-216

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM. 11-96A TO BM 11-96
BM 11-96A					151						205		BM. 11-96A (Flood Cont. 103-00005)
1	134	600	435	5	117	34	188	725	489	~~174~~ 5	171	34	Valley Blvd. & Brea Cyn. Rd
							134	600				34	
							-54	125 ✓				68 ✓	
													T-Dreier
													BM 11-96
BM 11-96													Valley Blvd. & Brea Cyn. Rd.
													F.B. 3710-45

T=54"

WEATHER Cloudy INST. NO. 96711

TIME 10:45 ~~[illegible]~~ 10:50 ROD NO. 95[illegible]

NOTES CHKD BLANCHARD DATE

F.B. 4111 PG. 186 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES MALDONADO 2-19-71

INDEXED G. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.11-96A TO B.M.11-97
B.M.11-96A									B.M.11-96A (FC 103-00005
1	60	294	361 5	184 ½ 60 48	207	633	508 5	232 182 50	VALLEY BLVD & BREA CN. RD
									SEE F.B. 710-216
2	88	310	389 5	123 53 70	213	792	514 5	245 181 64	
				118				114	
3	79	910	380 5	114 44 70	252	580	553 5	286 218 68	⊼ J. MALDONADO
				188				182	
4	40	050	341 5	183 ½ 40 86	269	397	570 5	269 ½ 223 92	
				274				274	
5	103	273	404 5	146 60 86	192	711	493 5	230 154 76	
				360				350	
6	130	488	431 5	170 90 80	236	208	537 5	276 196 80	
				440				430	
7	101	602	402 5	119 83 36	222	973	523 5	247 197 50	
				476 ✓				480 ✓	
B.M.11-97								476	B.M.11-97
	603	927 ✓			1595	294 ✓		956	VALLEY BLVD & CARREY RD.
					603	927			SEE F.B. 1376-87
					-991	367 ✓			
									SEE PAGE 251 FOR RERUN

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 1-22-71

INDEXED L.J. GALLI DATE

WEATHER OVERCAST INST. NO 96716

TIME 9:20 9:45 ROD NO 95896

NOTES CHKD BLANCHARD DATE

F.B. 4111 PG. 187

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-97 TO B.M. 11-96A
B.M. 11-97									B.M. 11-97
1	246	319	547 5	284 208 76	57	032	358 5	95 19 76	VALLEY BLVD. & CARREY RD
									SEE F.B. 1376-87
2	174	210	475 5	210 137 73	102	220	403 5	138 66 72	
				149				148	
3	172	270	473 5	214 130 84	12	409	313 5	157 212 90	⊼ J. MALDONADO
				233				238	
4	233	375	534 5	272 194 78	52	852	353 5	87 16 71	
				311				309	
5	253	247	554 5	289 217 72	57	721	358 5	92 22 70	
				383				379	
6	178	320	479 5	208 148 60	100	041	401 5	130 70 60	
				443				439	
7	195	398	496 5	210 180 30	79	868	380 5	96 62 34	
				473 ✓				473 ✓	
B.M. 11-96A								473	B.M. 11-96A
	1453	139 ✓			462	143 ✓		946	VALLEY BLVD. & BREA CN. RD.
	462	143							SEE F.B. 3710-216
	990	996 ✓							
									SEE PAGE 252 FOR RERUN

F.B. 4111 PG. 188 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 2-19-71

INDEXED B. J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 10:15 TO 10:45 ROD NO. 95 [illegible]

NOTES CHKD BLANCHARD DATE [illegible]

54°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER OVERCAST 58°
NOTES BY G.E. DREIER DATE 1-22-71 TIME 9:45 TO 10:15 INST. NO 96716
INDEXED J. GALL DATE ROD NO 95894
NOTES CHKD BLANCHARD DATE JAN 26 F.B. 4111 PG. 189

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.11-97 TO B.M.11-98B
B.M.11-97													B.M.11-97
1	95	349	396	5	138 52	86	233	033	534	5	276 190	86	VALLEY BLVD. & CARREY RD.
													SEE F.B. 1376-87
2	41	799	342	5	81 1	80	214	377	515	5	254 174	80	
						166						166	
3	57	356	358	5	99 15	84	196	362	497	5	239 153	86	
						250						252	
4	85	180	386	5	128 42	86	202	077	503	5	247 157	90	T.J. MALDONADO
						336						342	
5	103	301	404	5	146 60	86	166	763	467	5	206 126	80	
						422						422	
6	50	323	351	5	103 2 50	106	162	223	463	5	214 110	104	
						528						526	
												528	B.M.11-98B
B.M.11-98B												154	VALLEY BLVD. P.I. N. OF LEMON
	433	308					1174	835					SEE F.B. 3710-221
							433	308					
							741	527					
													SEE PAGE 253 FOR RERUN

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM.11-98B TO BM.11-97
BM.11-98B									BM.11-98B
1	190	772	491 5	228 152 76	116	197	417 5	150 82 68	VALLEY BLVD. & LEMON AVE. (℄ P.I.N. OF INT.
									SEE F.B. 3710-221
2	190	182	491 5	231 149 82	100	170	401 5	140 60 80	
				158				148	
3	169	179	470 5	208 130 78	97	922	398 5	141 53 88	⊼ J. MALDONADO
				236				236	
4	196	978	497 5	240 152 88	61	688	362 5	104 18 86	
				324				322	
5	185	742	486 5	218 152 66	80	129 ~~806~~	381 5	114 46 68	
				390				390	
6	215	816	516 5	254 176 78	42	252	343 5	81 3 78	
				468				468	
7	190	088	491 5	221 159 62	99	217	400 5	130 68 62	
				530				530	
BM.11-97								530	BM.11-97
	1338	757			597	575		1060	VALLEY BLVD. & CARREY RD
	597	575							SEE F.B. 1376-87
	+741	182							
									SEE PAGE 254 FOR RERUN

F.B. 4111 PG. 190 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 2-19-71

INDEXED C. J. GALLI DATE

WEATHER OVERCAST 56° INST. NO. 96716

TIME 9:45 TO 10:15 ROD NO. 95896

NOTES CHKD BLANCHARD DATE NOV 26 1971

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER OVERCAST 58°
NOTES BY G.E. DREIER DATE 1-22-71 TIME 10:15 TO 10:35 INST. NO 96716
INDEXED B.J. GALLI DATE NOTES CHKD BLANCHARD DATE ROD NO. 95892
F.B. 4111 PG. 191

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT		MIC.	LEFT.		STADIA	RIGHT		MIC.	LEFT.		STADIA	FROM B.M.11-98B TO B.M.11-99A
B.M.11-98B												274	B.M.11-98B
1	106		431	407	5	161 51 110	221		231	522	5	168 106	VALLEY BLVD. & LEMON AVE
						152	189					231	SEE F.B. 3710-221
2	112		825	413	5	72 80	782		782	490	5	147 84	
						181						190	
3	158		642	459	5	135 46	127		365	428	5	149 105 44	T J. MALDONADO
						236 ✓						234 ✓	
B.M.11-99A												236	B.M.11-99A (F.C. 102-18 1956)
	377		798 ✓				538		378 ✓			470	VALLEY BLVD. 1200 FT. S. OF LEMON AVE
							377		798				SEE F.B. 3710 — 1376-87C
							160		580 ✓				
	RERUN 5-18-71						11:30 TO 11:45					T=84°	WINDY & SUNNY
B.M.11-98B													
1	91		347	392	5	124 58 66	163		199	464	5	196 130 66	
2	110		500	411	5	142 78 64	168		510	469	5	199 137 62	
	98		207	399		134 130	168		425	469		204 128	
3					5	62 72					5	132 72	
						402						200	
4	160		649	461	5	138 142 36	121		173	422	5	140 102 38	
B.M. 11-99A						238 ✓						238 ✓	
	460		703 ✓				621		307 ✓			476 —	
							460		703				
							160		604 ✓				

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-99A TO B.M. 11-98B
B.M. 11-99A									B.M. 11-99A
1	111	163	412 5	148 74 74	117	156	418 5	151 83 68	VALLEY BLVD, 1200' S.W. OF LEMON AV
									SEE F.B. 1376-87C
2	187	819	488 5	224 150 74	117	673	418 5	152 82 70	
				148				138	
3	188	891	489 5	221 155 66	120	466	421 5	159 81 78	⊼ J. MALDONADO
				214				216	
4	168	669	469 5	180 156 24	140	893	441 5	151 129 22	
				238 ✓				238 ✓	
B.M. 11-98B								238	
	656	542 ✓			496	188 ✓		476 ✓	
	496	188							
	+160	354 ✓							
	5-18-71		RERUN		1:15 TO		1:35	T = 88°	LT. BREEZE, SUNNY
B.M. 11-99A									
1	83	583	384 5	113 53 60	98	620	399 5	129 67 62	
2	169	540	470 5	200 138 62	115	053	416 5	146 84 62	
				122				124	
3	186	118	487 5	214 158 56	123	683	424 5	155 95 60	
				178				184	
4	195	486	496 5	225 165 60	136	860	437 5	164 108 56	
				238				240	
B.M. 11-98B								238	
	634	727 ✓			474	216 ✓		478	
	474	216							
	+160	511 ✓							

F.B. 4111 PG. 192 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 2-18-71

INDEXED B. J. GALLI DATE

WEATHER 67° DIST. HAZE INST. NO. 96716

TIME 2:30 JD ROD NO. 95896

NOTES CHKD BLANCHARD DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — F.B. 4111 PG. 193

SURVEY BY G.E. DREIER — WEATHER OVERCAST 59°

NOTES BY G.E. DREIER — DATE 1-22-71 — TIME 10:35 TO — INST. NO. 9671G

INDEXED R.J. GALLI — DATE — NOTES CHKD BLANCHARD — DATE MAY 26 '71 — ROD NO. 95E9

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-99A TO B.M. 11-100A
B.M. 11-99A				164				195	B.M. 11-99A F.C. 102-18 1956)
1	124	500	425	5 84 80	155	329	456	5 115 80	VALLEY BLVD. 1200 FT. S. of LEMON AVE
									SEE F.B. 1376-87C
2	181	611	482	5 216 146 70	153	158	454	5 189 117 72	
				150				152	
3	43	580	344	5 76 10 66	240	849	541	5 272 208 64	
				216				216	T. J. MALDONADO
4	49	670	350	5 82 16 66	247	273	548	5 279 215 64	
				282				280	
5	71	621	372	5 110 32 78	231	674	533	5 271 191 80	
				360				360	
6	90	993	391	5 128 52 76	232	581	533	5 270 194 76	
				436				436	
7	80	618	381	5 104 56 48	184	702	485	5 208 160 48	
				484 ✓				484 ✓	
								484	B.M. 11-100A
B.M. 11-100A	642	493 ✓			1445	566 ✓		968 ✓	VALLEY BLVD. N.E. of CAMINO DE TEODORA
		5			642	5 493			SEE F.B. 2880-47
					803	73 ✓			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-100A TO B.M. 11-99A
B.M. 11-100A													B.M. 11-100A
1	228	658	529	5	264 192	72	86	041	387	5	120 52	68	VALLEY BLVD. E. OF CAMINO DE TEODORO
2	222	663	523	5	255 189	66	83	350	384	5	119 47	72	SEE F.B. 2880-47
						138						140	
3	213	422	514	5	246 180	66	76	132	377	5	108 44	64	
						204						204	J. MALDONADO
4	249	998	550	5	284 214	70	45	483	346	5	79 9	70	
						274						274	
5	235	897	536	5	262 208	54	66	661	367	5	94 38	56	
						328						330	
6	153	738	454	5	190 116	74	167	301	468	5	204 130	74	
						402						404	
7	120	809	421	5	160 80	80	97	359	398	5	137 57	80	
						482						484	
B.M. 11-99A												482	B.M. 11-99A
	1425	185					622	327				966	VALLEY BLVD. 1200' S.W. OF LEMON AV
	622	327											SEE F.B. 1376-87C
	+802	~~858~~											
		858											

F.B. 4111 PG. 194 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVELNET

SURVEY BY DREIER NOTES DREIER 2-18-71

INDEXED C. J. GALLI DATE

WEATHER HAZE-SCAT. CLDS INST. NO. 96716

TIME 2:00 ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE

65°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 1-22-71 WEATHER OVERCAST INST. NO 96716
NOTES BY G.E. DREIER TIME 11:05 TO 11:36 ROD NO 95896
INDEXED S.J. GALLO DATE NOTES CHKD BLANCHARD DATE 2-3-71
F.B. 4111 PG. 195

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-100A TO B.M. 11-101
B.M. 11-100A													B.M. 11-100A
1	81	715	382	5	126 36	90	242	775	543	5	288 196	92	VALLEY BLVD, N.E. OF CAMINO DE TEODORO
													SEE F.B. ~~1376~~ 2880-47
2	73	850	374	5	125 21	104	216	741	517	5	267 165	102	
3	155	150	456	5	203 107	194 96	173	998	474	5	220 126	194 94	
						290						288	T R. SIEMANN
4	154	721	455	5	185 123	62	94	449	395	5	126 62	64	
					219	352					263	352	
5	183	740	484	5	147	72	227	903	528	5	191	72	
					233	424					200	424	
6	197	010	498	5	161	72	165	843	466	5	130	70	
					102	496					235	494	
7	78	720	379	5	54	48	210	070	511	5	185	50	
						544 ✓						544 ✓	
B.M. 11-101												544	B.M. 11-101 (U.S. 1177)
	924	906 ✓					1331	779 ✓				1088	VALLEY BLVD, 0.3 MI. S.W. OF CAMINO
							-924	906					DE TEODORO
													SEE F.B. 1376-90
							-406	873 ✓					

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. 11-101 TO B.M. 11-100A
B.M. 11-101													B.M. 11-101
1	231	641	532	5	265 / 197	68	149	913	450	5	182 / 216	66	VALLEY BLVD, 0.35 mi. S.W. of CAMINO DE TEODORO
2	173	831	474	5	207 / 139	68	142	961	443	5	176 / 108	68	SEE F.B. 1376-90
3	205	640	506	5	238 / 172	136 / 66	103	449	404	5	139 / 67	134 / 72	
4	211	705	512	5	246 / 176	202 / 70	109	705	410	5	141 / 75	206 / 66	⊼ R. SIEMANN
5	196	190	497	5	217 / 175	272 / 42	105	817	406	5	125 / 85	272 / 40	
						314 ✓						312 ✓	
B.M. 11-100A												314	B.M. 11-100A
	1019	007 ✓					611	845 ✓				626 ✓	VALLEY BLVD. E. OF CAMINO DE TEODOR
	611	845											SEE F.B. 2880-47
	+407	162 ✓											

F.B. 4111 PG. 196 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 2-18-71

INDEXED [illegible] DATE

66°

WEATHER HAZE INST. NO. 96716

TIME 1:40 ROD NO. 95896

NOTES CHKD BLANCHARD DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-101 TO B.M. 11-102 B
B.M. 11-101									B.M. 11-101 (U.S. 1177)
1	256	221	557 5	305 207 98	114	961	415 5	162 66 96	VALLEY BLVD, 0.3 M. S.W. OF CAMINO DE TEODORA
									SEE F.B. 1376-90
2	23	092	324 5	167 ½ 23 88	298	183	599 5	1298 ½ 257 82	
				186				178	
3	50	651	351 5	79 21 58	248	861	549 5	281 215 66	
				244				244	R. SIEMANN
4	69	001	370 5	110 28 82	194	541	495 5	238 153 82	
				326				326	
5	121	466	422 5	161 81 80	193	551	494 5	233 153 80	
				406				406	
6	174	351	475 5	218 130 88	234	359	535 5	278 190 88	
				494 ✓				494 ✓	
B.M. 11-102B								494	B.M. 11-102 B
	694	782 ✓			1284	456 ✓		988 ✓	VALLEY BLVD. & NOGALES ℄ INT.
					694	782			SEE F.B. 3710-231
					589	674 ✓			

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 1-22-71

INDEXED G.G. GALLI DATE

WEATHER HAZY SUN 61°

TIME 11:35 to 12:05

NOTES CHKD BLANCHARD DATE MAY 25 '71

INST. NO 96716

ROD NO 95896

F.B. 4111 PG. 197

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-102B TO B.M. 11-101
B.M. 11-102B									B.M. 11-102B
1	179	428	480 5	206 152 54	139	830	440 5	166 112 54	VALLEY BLVD. & NOGALES ST. ℄ INTER
									SEE F.B. 3710-231
2	166	182	467 5	196 136 60	140	232	441 5	169 111 58	
3	195	362	496 5	227 163 114 64	125	652	426 5	156 94 112 62	⊼ R. SIEMANN
4	191	324	492 5	225 157 178 68	124	731	425 5	158 90 174 68	
5	259	410	560 5	293 225 246 68	13	000	314 5	151 213 242 76	
6	283	322	584 5	283 249 314 68	31	142	332 5	165 131 318 68	
7	204	008	505 5	233 175 382 58	171	871	472 5	200 142 386 58	
8	91	561	392 5	118 64 440 54	234	441	535 5	258 210 444 48	
				494				492	
B.M. 11-101								494	B.M. 11-101
	1570	597			980	899		986	VALLEY BLVD, 0.35 mi. S.W. of
	980	899							CAMINO DE TEODORO
	+589	698							SEE F.B. 1376-90

F.B. 4111 Pg. 198

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 2-18-71

INDEXED G. J. GALLI DATE

WEATHER HAZE 67°

TIME 1:00

NOTES CHKD BLANCHARD DATE

INST. NO. 96716

ROD NO. 95 E 96

76P526B CE # 308 8/68

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 HAZY SUN INST. NO. 96-716
NOTES BY G. E. DREIER DATE 1-22-71 TIME 1:20 PM ROD NO. 95-896
INDEXED J. GALLI DATE NOTES CHKD BLANCHARD DATE MAY 25 '71
F.B. 4111 PG. 199

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-102 B TO B.M. 11-103 B
B.M. 11-102B					145						269		B.M. 11-102 B
1	103	580	404	5	61	84	269	279	570	5	228	82	VALLEY BLVD. & NOGALES ST.
											294		SEE F.B. 3710-231
2	23	910	324	5	½ 64 23	82	254	700	555	5	214	80	
						166						162	
3	30	529	331	5	½ 73 30	86	270	860	571	5	½ 270 224	92	T R. SIEMANN
						252						254	
4	94	952	395	5	136 52	84	225	790	526	5	266 184	82	
						336					282	336	
5	96	994	397	5	142 50	92	234	768	535	5	186	96	
						428 ✓						432 ✓	
B.M. 11-103B												428	B.M. 11-103B
	349	965 ✓					1255	397 ✓				860 ✓	VALLEY BLVD, 439 E. OF LA SEDA RD
							349	965					SEE F.B. 1376-92A
							-905	432 ✓					

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.11-103B TO B.M.11-102B
B.M.11-103B									B.M.11-103B (COVINA A-12 RESET 1966)
1	201	550	502 5	213 189 24	157	655	458 5	170 144 26	VALLEY BLVD. 439 FT. E. of LA SEDA RD
									SEE F.B. 1376-92A
2	218	038	519 5	258 178 80	110	593	411 5	150 70 80	
3	242	118	543 5	282 202 104 80	99	393	400 5	139 59 106 80	⊼ R. SIEMANN
4	268	874	569 5	1268 2225 184 86	26	231	327 5	71 1226 186 90	
5	248	000	549 5	279 217 270 62	76	343	377 5	104 48 276 56	
6	264	821	569 5	301 227 332 74	58	520	359 5	95 21 332 74	
7	132	950	433 5	147 117 406 30	142	192	443 5	157 127 406 30	
				436 ✓				436 ✓	
B.M.11-102B								436	B.M.11-102B
	1576	351 ✓			670	927 ✓		872	VALLEY BLVD. & NOGALES
	670	927							SEE F.B. 3710-231
	+905	424 ✓							

F.B. 4111 PG. 200

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE

SURVEY BY ____ NOTES G.E. DREIER 2-18-71

INDEXED ~~G. J. GALLI~~ DATE ____

64°

WEATHER HAZE

TIME 11:25

NOTES CHKD BLANCHARD DATE JAN 2 5 '71

INST. NO. 96716

ROD NO. 95896

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — F.B. 4111 Pg. 201

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

NOTES BY SIEMANN — DATE 1-22-76 — TIME 2:00 To 2:25 — ROD NO. 25896

INDEXED — DATE — NOTES CHKD BLANCHARD DATE 7-23-76

T = 64°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M.11-103B TO B.M.11-104A
B.M.11-103B											B.M.11-103B (COVINA A-12 RESET 1966)
1	16	172	317	5	16 84	220	300	521	5	177 87	VALLEY BLVD, 439 FT. E. OF LA SEDA RD.
											SEE F.B. 1376-92A
2	95	945	396	5	54 82	194	726	495	5	154 80	
3	105	719	406	5	68 74	184	033	485	5	148 72	
											T = DREIER
4	89	392	390	5	49 80	196	943	497	5	155 82	
5	83	062	384	5	36 94	217	963	518	5	173 88	
6	93	074	394	5	45 96	173	542	474	5	127 91	
					510 ✓					500 ✓	
B.M.11-104A										510	B.M.11-104A (PUENTE L-12)
	483	364 ✓				187	507 ✓			1010	VALLEY BLVD, 697' E. OF GIANO AVE.
						483	364				SEE F.B. 1376-92B
						704	143 ✓				
											SEE PAGE 256 FOR RERUN

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. 4111 PG. 202 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 2-18-71

INDEXED 0.1 CALC DATE

WEATHER PTLY CLOUDY INST. NO 96711

TIME 10:52 TO 11:15 ROD NO 9549

NOTES CHKD BLANCHARD DATE

T = 61°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-104A TO B.M. 11-103B
B.M. 11-104A													B.M. 11-104A (PUENTE L-12)
1	176	647	477	5	216 136	80	108	475	409	5	148 68	80	VALLEY BLVD. 697' E. OF GIANO AV
													SEE F.B. 1376-92B
2	214	772	515	5	254 174	80	109	719	410	5	148 70	78	
						160						158	
3	216	543	517	5	257 175	82	105	869	406	5	146 64	82	
						242						240	
4	214	130	515	5	254 174	80	115	132	416	5	156 74	82	π = DREIER
		613				322						322	
5	203 ~~667~~		504	5	243 163	80	118	535	419	5	159 77	82	
						402						404	
6	189	444	490	5	218 160	58	114	329	415	5	142 86	56	
						460						460	
7	212	965	513	5	230 194	36	51	551	352	5	69 33	36	
						496 ✓						496 ✓	
B.M. 11-103B												496	B.M. 11-103B (COVINA A-12 RESET
	1428	114 ✓					723	610 ✓				992 ✓	VALLEY BLVD. 439' E. OF LASEDA RI
	723	610											SEE F.B. 1376-92A
	+ 704	504 ✓											
													SEE PAGE 255 FOR RERUN

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.11-104A TO B.M.11-105A
B.M.11-104A									B.M.11-104A (PUENTE L-12)
1	85	855	386 5	1128 285 86	228	278	529 5	271 185 86	VALLEY BLVD., 697' E. OF GIANO
									AVE. SEE F.B. 1376-92B
2	111	873	412 5	153 69 84	212	756	513 5	254 170 84	
				170				170	
3	14[illegible]	031	442 5	185 97 88	183	670	484 5	227 139 88	
				258				258	⊼ = DREIER
4	14[illegible]	052	442 5	176 106 70	185	947	486 5	220 150 [illegible]0	↑Bowlegged TRIPOD
				328				328	
5	133	847	434 5	174 92 82	174	413	475 5	214 134 80	
				410				408	
6	145	663	446 5	181 109 72	162	650	463 5	195 129 66	
				482 ✓				474 ✓	
B.M.11-105A								482	B.M.11-105A (PUENTE J-11)
	759	~~8~~ 321 ✓			1147	714 ✓		956 ✓	VALLEY BLVD. & HAMBLEDON AVE.
					759	321			SEE F.B. 1376-94A.
					388	393 ✓			

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 1-22-71

INDEXED C.J. GALLI DATE

WEATHER HAZY

TIME 2:25 TO

NOTES CHKD BLANCHARD DATE

T = 64°

F.B. 4111 PG. 203

INST. NO. 96716

ROD NO. 95496

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-105A TO B.M. 11-104 A
B.M. 11-105A													B.M. 11-105A (PUENTE J-11)
1	159	482	460	5	200 118	82	133	333	434	5	174 92	82	VALLEY BLVD. & HAMBLEDON AVE
													SEE F.B. 1376 - 94A
2	176	840	477	5	215 137	78	142	864	443	5	179 105	74	
						160						156	
3	184	138	485	5	222 146	76	137	570	438	5	176 98	78	
						236						[illegible]	
4	182	985	483	5	214 150	64	142	803	443	5	174 110	234 64	⊼ = DREIER
						300						298	
5	203	503	504	5	243 163	80	105	710	406	5	146 64X	82	
						380						380	
6	215	733	516	5	257 173	84	71	732	372	5	113 71	84	
						464 ✓						464 ✓	
B.M. 11-104A												464	B.M. 11-104A (PUENTE L-12)
	1122	681 ✓					734	012 ✓				928 ✓	VALLEY BLVD. 697' E. OF GIANO AV
	734	012											SEE F.B. 1376 - 92 B.
	+388	669 ✓											

T:

WEATHER PTLY CLOUDY INST. NO 9671

TIME 10:15 TO 10:50 ROD NO 9542

NOTES CHKD BLANCHARD DATE MAY 26

F.B. 4111 PG. 204 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 2-18-71

INDEXED C.J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 78°
SURVEY BY S.E. DREIER WEATHER SMOGGY INST. NO. 9671
NOTES BY S.E. DREIER DATE 4-6-71 TIME 8:50 ROD NO. 25 & 96
INDEXED L.J. GALLI DATE NOTES CHKD BLANCHARD DATE
F.B. 4111 PG. 205

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-105A TO B.M. 11-106B
B.M. 11-105A					160						265		B.M. 11-105A (PUENTE J-11)
1	125	925	426	5	90	70	229	308	530	5	193	72	VALLEY BLVD. & HAMBLEDON AVE.
					139						221		SEE F.B. 1376-94A
2	106	344	407	5	73	66	188	191	489	5	155	66	
					123	136					208	138	
3	88	032	389	5	53	70	173	775	474	5	138	70	
						206						208	↑ J. MALDONADO
4	114	312	415	5	151 77	74	147	893	448	5	184 110	74	
						280						282	
5	116	361	417	5	148 84	64	158	700	459	5	190 126	64	
					209	344					213	346	
6	180	038	481	5	151	58	184	328	485	5	155	58	
						402						404	
												402	~~B.M. 106~~ 11-106B
B.M. 11-106B												806	VALLEY BLVD. & AZUSA AVE.
	731	012					082	195					SEE F.B. 3710-239
							731	012					
							- 351	183					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4111 PG. 206 | JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-13-71

INDEXED J.J. GALLI DATE

WEATHER THIN OVERCAST 73° INST. NO. 9671

TIME 2125 -00 ROD NO. 95 & 91

NOTES CHKD DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.11-106B TO B.M.11-105A
B.M.11-106B					176								B.M.11-106B
1	136	922	437	5	96	80	121	457	422	5	81	88	VALLEY BLVD & AZUSA AVE
													SEE F.B. ~~73~~ 3710-239
2	175	575	476	5	219 131	88	113	472	414	5	156 70	86	
						168						166	
3	184	873	485	5	227 141	86	94	528	395	5	137 51	86	T J. MALDONADO
						254						252	
4	181	260	482	5	215 147	68	106	589	407	5	139 73	66	
						322						318	
5	205	267	506	5	240 170	70	96	990	397	5	133 59	74	
						392 ✓						392 ✓	
												392	
	883	897 ✓					533	036 ✓				784 ✓	
B.M.11-105A	533	036											B.M.11-105A
	+350	861 ✓											VALLEY BLVD. & HAMBLEDON AVE
													SEE F.B. 1376-94A

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — F.B. 4111 PG. 207
SURVEY BY G.E. DREIER — WEATHER HAZE 64° — INST. NO 28776
NOTES BY G.E. DREIER — DATE 4-23-71 — TIME 8:25 TO 8:50 — ROD NO 25896
INDEXED E.J. GALLI — DATE — NOTES CHKD BLANCHARD — DATE MAY 23 '71

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-105A TO B.M. 11-106B
B.M.11-105A											283		B.M. 11-105A
1	109	385	410	5	134 64	90	238	792	539	5	193	90	VALLEY BLVD & HAMBLEDON AVE
													SEE F.B. 1376-94A
2	99	661	400	5	139 59	80	202	313	503	5	240 164	76	
												166	
													RERUN
3	117	408	418	5	154 80	170 74	180	648	481	5	277 143	74	T J. MALDONADO
						244						240	
4	133	331	434	5	174 92	82	169	381	470	5	210 128	82	
					206	326					229	322	
5	170	351	471	5	134	72	190	187	491	5	151	78	
						398						400	
												398	B.M.11-106B.
B.M.11-106B												798	VALLEY BLVD. & AZUSA AVE
	630	1361					981	3211					SEE F.B. 3710-239
							630	1361					
							351	1851					

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 B.M.11-106B TO B.M.11-105A
B.M.11-106B									B.M.11-106B
1	103	421	404 5	144 62 82	107	710	408 5	148 66 82	VALLEY BLVD. & AZUSA AVE
									SEE F.B. 3710-239
2	181	775	482 5	218 144 74	111	148	412 5	146 76 70	
				156				152	
3	176	268	477 5	210 142 68	115	521	416 5	148 82 66	RERUN
				224				218	⊼ J. MALDONADO
4	191	063	492 5	228 154 74	119	404	420 5	157 81 76	
				298				294	
5	205	202	506 5	246 164 82	87	392 ~~469~~	388 5	130 44 86	
				380				380	
6	151	563	452 5	160 142 18	117	109	418 5	125 109 16	
				398				396	
B.M.11-105A								398	B.M.11-105A
	1009	292			658	2~~75~~ 84		794	VALLEY BLVD. & HAMBLEDON AVE
	658	28~~5~~							SEE F.B. 1376-94A
	+351	~~017~~ 008							

F.B. 4111 PG. 208 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-23-71

INDEXED G. J. GALLI DATE

WEATHER HAZE 75° INST. NO. 9671

TIME 10:55 ROD NO. 9589

NOTES CHKD BLANCHARD DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER SMOGGY 84°
NOTES BY G.E. DREIER DATE 4-6-71 TIME 9:15 TO 9:50 INST. NO 26716
INDEXED C.J. GALLI DATE NOTES CHKD BLANCHARD DATE ROD NO 25 & 26
F.B. 4111 PG. 209

STATION	BACKSIGHT				STADIA		FORESIGHT				STADIA		DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.				RIGHT	MIC.	LEFT.				FROM B.M. 11-106B TO B.M. 11-109A
B.M. 11-106B	4				220		3				170		B.M. 11-106B
1	190	040	491	5	160	60	139	932	440	5	108	62	VALLEY BLVD. & AZUSA AVE
													SEE F.B. 3710-239
2	143	578	444	5	180 106	74	176	971	477	5	213 139	74	
						134						136	
3	110	899	411	5	149 71	78	184	613	485	5	223 145	78	
						212						214	
4	86	079	387	5	122 50	72	192	163	493	5	228 156	72	T. J. MALDONADO
						284						286	
5	114 3	962	414	5	148 78	70	192	852	493	5	226 158	68	
						354						354	
6	114	242	415	5	150 78	72	202	316	503	5	238 166	72	
						426						426	
7	108	941	409	5	147 69	78	204	572	505	5	243 165	78	
						504						504	
8	135	338	436	5	158 112	46	224	349	525	5	246 202	44	
						550						548	
B.M. 11-109A												550	B.M. 11-109A
	003	079	/				517	768	/			1098	VALLEY BLVD. E. OF FERRERO LN.
							003	079					SEE F.B. 1376-96B
							- 514	689	/				

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. 11-109A TO B.M. 11-106B
B.M. 11-109A													B.M. 11-109A
1	253	879	554	5	291 215	76	97	809	398	5	136 58	78	VALLEY BLVD. E. OF FERRERO LN
													SEE F.B. 1376-96B
2	192	750	493	5	229 155	74	103	280	404	5	140 66	74	
						150						152	
3	197	033	498	5	237 157	80	98	058	399	5	139 57	82	
						230						234	⊼ J. MALDONADO
4	199	990	500	5	240 158	82	101	947	402	5	142 60	82	
						312						316	
5	190	000	491	5	226 154	72	104	310	405	5	139 69	70	
						384						386	
6	186	838	487	5	221 151	70	137	489	438	5	173 101	72	
						454						458	
7	129	251	430	5	166 92	74	192	525	493	5	231 153	78	
						528						536	
B.M. 11-106B												528	B.M. 11-106B
	1349	741					835	418				1064	VALLEY BLVD. & AZUSA AVE
	835	418											SEE F.B. 3710-239
	+514	323											

T=75

WEATHER THIN CLOUDS INST. NO. 96716

TIME 2:45 TO 3:25 ROD NO. 95896

NOTES CHKD BLANCHARD DATE

F.B. 4111 PG. 210 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-13-71

INDEXED G. J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 4-23-71 TIME 8:50 TO 9:25 WEATHER HAZE 66°
INDEXED G.J. GALLI DATE NOTES CHKD B. LANGHARD DATE
INST. NO. 28716 ROD NO. 25776
F.B. 4111 PG. 211

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-106B TO B.M. 11-109A
B.M. 11-106B					227						189		B.M. 11-106B
1	192	071	493	5	157	70	152	459	453	5	115	74	VALLEY BLVD. & AZUSA AVE.
					207						249		SEE F.B. 3710-239
2	168	058	469	5	129	78	210	974	511	5	171	78	
						148						152	
3	107	482	408	5	142 72	70	193	188	494	5	228 157	71	RERUN
						218						223	T. J. MALDONADO
4	106	837	407	5	144 68	76	194	852	495	5	229 159	70	
					147	294					235	293	
5	110	546	411	5	73	74	198	556	499	5	161	74	
						368						367	
6	111	150	412	5	150 72	78	203	628	504	5	241 164	77	
						446						444	
7	121	421	422	5	148 94	54	186	072	487	5	212 160	52	
						500						496	
8	144	718	445	5	165 123	42	236	809	537	5	259 213	46	
						542						542	
B.M. 11-109A												542	B.M. 11-109A
	1062	283					1576	538				1084	VALLEY BLVD. E. OF FERRERO LN.
							1062	283					SEE F.B. 1376-96B
							514	255					

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 84°
SURVEY BY G.E. DREIER WEATHER HAZY SUN INST. NO 26716
NOTES BY SIEMANN DATE 4-6-71 TIME 9:50 TO 10:25 ROD NO 26896
INDEXED J.J. GALLI DATE NOTES CHKD RCB DATE 5-7-71
F.B. 4111 Pg. 213

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-109A TO B.M. 11-111
B.M. 11-109A													B.M. 11-109 A
1	61	850	326	5	27	68	241	379	542	5	206	70	VALLEY BLVD. E. OF FERRERO LN.
													SEE F.B. 1376-96B
2	125	272	426	5	91	68	173	559	474	5	140	66	
						136						136	
3	158	800	459	5	127	62	199	140	500	5	169	60	
						198						196	
4	144	850	445	5	106	76	192	630	493	5	152	80	
						274						276	T = MALDONADO
5	128	332	429	5	95	66	177	041	478	5	142	70	
						340						346	
6	96	469	397	5	61	72	174	702	475	5	140	68	
						410						414	
7	116	718	417	5	82	68	187	073	488	5	154	66	
						478						480	
8	124	410	425	5	102	44	225	036	526	5	201	48	
						522 ✓						528	
												522	
B.M. 11-111													B.M. 11-111
	956	701 ✓					570	560 ✓				1050	OLD VALLEY BLVD. & BAJA AVE. &
							956	701					SEE F.B. 1376-98
							613	859 ✓					

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. 4111 PG. 214 JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER NOTES STEPHENS DREIER 4-13-71
INDEXED L. J. GALLI DATE
WEATHER THIN CLOUDS INST. NO 92716
TIME 1:10 TO 2:45 ROD NO 25446
NOTES CHKD RCB DATE 6-7-71
T = 75° BREEZE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC. (x4)	LEFT.		STADIA		RIGHT (x3)	MIC.	LEFT.		STADIA		FROM B.M. 11-111 TO B.M. 11-109A
B.M. 11-111													B.M. 11-111
1	228	447	529	5	261 195	66	115	434	416	5	147 83	64	OLD VALLEY BLVD & BAJA AVE.
													SEE F.B. 1376-98
2	184	732	485	5	219 149	70	104	359	405	5	139 69	70	
						136							T J. MALDONADO
3	191	534	492	5	229 153	76	105	183	406	5	141 69	72	
						212					141	206	
4	177	399	478	5	213 141	72	122	090	423	5	83	74	
						284					177	280	
5	170	488	471	5	202 138	64	141	755	442	5	105	72	
						348					170	352	
6	205	573	506	5	236 174	62	141	611	442	5	112	58	
						410					161	410	
7	152	049	453	5	176 128	48	137	759	438	5	113	48	
						458					94	458	
8	235	990	536	5	265 205	60	64	553	365	5	34	60	
						518 ✓						518	B.M. 11-109A
B.M. 11-109A											→	1636	VALLEY BLVD., E. OF FERRERO LN.
	1546	212	✓				932	748	✓				SEE F.B. 1376-96B
	932	748											
	+613	488	✓										

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	RERUN	DESCRIPTION AND REMARKS
										FROM B.M.11-109A TO B.M.11-111
B.M.11-109A										B.M.11-109A
1	84	991	385 5	118 50 68	266	714	567 5	303 229 74		VALLEY BLVD. & E. OF FERRERO LN.
										SEE F.B 1376-96B
2	137	607	438 5	172 102 70	148	680	449 5	180 116 64		
				138				138		⊼ J. MALDONADO
3	118	667	419 5	156 80 76	151	789	452 5	189 113 76		RERUN
				214				214		
4	79	832	380 5	111 47 64	172	658	473 5	204 140 64		
				278				278		
5	120	332	421 5	154 86 68	173	553	474 5	207 139 68		
				346				346		
6	105	169	406 5	137 73 64	70 ~~169~~	113	471 5	200 140 60		
				410				406		
7	106	169	407 5	132 80 52	167	512	468 5	195 139 56		
				462				462		
8	117	377	418 5	147 87 60	232	592	533 5	263 201 62		
				522 ✓				524 ✓		
B.M.11-111								522		B.M.11-111
	870	144 ✓			1483	611 ✓		1046		VALLEY BLVD. & BAJA AVE
					870	144				SEE F.B. 1376-98
					613	467 ✓				

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

SURVEY BY G.E. DREIER WEATHER HAZE-BR. INST. NO. 96716

NOTES BY G.E. DREIER DATE 4-23-71 TIME 9:25 TO 10:05 ROD NO. 95 & 96

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

66°

F.B. 4111 PG. 215

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 96716
ROD NO. 95-89
DATE 6-2-71
NOTES CHKD RCG
WEATHER HAZE 69°
TIME 10:05
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER 4-23-71
INDEXED C. J. GALLI DATE
JOB NO. 030102
F.B. 4111 PG. 216

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-111 TO B.M. 11-109A
B.M. 11-111					262						168		B.M. 11-111
1	230	763	531	5	198	64	139	619	440	5	110	58	VALLEY BLVD. & BAJA AVE.
					227						153		SEE F.B. 1376-98
2	196	095	497	5	165	62	121	092	422	5	89	64	
					231	126					143	122	RERUN
3	199	646	500	5	167	64	110	162	411	5	77	66	π J. MALDONADO
					201	190					144	188	
4	172	092	473	5	143	58	116	833	417	5	88	56	
					198	248					160	244	
5	167	522	468	5	136	62	130	388	431	5	100	60	
					202	310					142	304	
6	169	160	470	5	136	66	106	990	407	5	70	72	
					197	376					185	376	
7	161	990	462	5	125	72	150	039	451	5	115	70	
					235	448					74	446	
8	205	225	506	5	175	60	43	948	344	5	12	62	
					161	508	9 1.9	071			131	508	
9	152	789	453	5	143	18	122	419	423	5	113	18	
						526 ✓						526 ✓	
B.M. 11-109A												526	B.M. 11-109A
	1655	282 ✓					1041	490 ✓				1052	VALLEY BLVD. E. of FERRERO LN.
	1041	490											SEE F.B. 1376-96B
	613	792 ✓											

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 82°
SURVEY BY G.E. DREIER WEATHER HAZY SUN INST. NO 26716
NOTES BY S.LEMMON DATE 4-6-71 TIME 10:30 TO 10:50 ROD NO 95496
INDEXED E.J. GALLI DATE NOTES CHKD RCK DATE 6-7-71
F.B. 4111 PG. 217

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-111 TO B.M. 11-112
B.M. 11-111													B.M. 11-111
1	107	935	408	5	140 / 74	66	242	388	543	5	276 / 208	68	OLD VALLEY BLVD. & BAJA AVE
													SEE F.B. 1376-98
2	124	910	425	5	161 / 87	74	180	902	481	5	216 / 144	72	
					183	140					214	140	
3	143	166	444	5	103	80	171	149	472	5	128	86	
					142	220					242	226	T = MALDONADO
4	108	972	409	5	72	70	208	962	509	5	174	68	
					166	290					166	294	
5	130	863	431	5	94	72	132	113	433	5	98	68	
						362 ✓					✓	362	
B.M. 11-112												362	B.M. 11-112
	615	846 ✓					935	514 ✓			✓	724	OLD VALLEY BLVD. & FIRST ST.
							615	846					SEE F.B. 1376-99
						-	319	668 ✓					

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.11-112 TO B.M.11-111
B.M.11-112													B.M.11-112
1	131	433	432	5	163 / 99	64	130	172	431	5	163 / 97	66	OLD VALLEY BLVD. & 1ST. ST.
													SEE F.B. 1376-99
2	189	649	490	5	227 / 151	76	108	279	409	5	146 / 70	70	
						140						136	⊤ J. MALDONADO
3	169	856	470	5	202 / 136	66	128	269	429	5	163 / 93	70	
						206						206	
4	171	928	472	5	208 / 134	74	124	021	425	5	161 / 87	74	
						280						280	
5	236	378	537	5	275 / 197	78	88	672	389	5	127 / 49	78	
						358 ✓						358 ✓	
												358	
	899	244 ✓					579	413 ✓				716 ✓	
B.M.11-111	579	413											B.M.11-111
	+319	831 ✓											OLD VALLEY BLVD. & BAJA AVE
													SEE F.B. 1376-98

F.B. 4111 PG. 218 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-13-71

INDEXED G. J. GALLI DATE

80° LT. BR. WEATHER SMOGGY INST. NO. 96776

TIME 11:30 TO 12:03 ROD NO. 95896

NOTES CHKD RCB DATE 6-7-71

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier WEATHER Sunny Hazy INST. NO. 96716
NOTES BY M. Baldonado DATE 4-6-71 TIME 10:55 to 11:05 ROD NO. 95494
INDEXED G. J. GALLI DATE NOTES CHKD RCR DATE 6-7-71
F.B. 4111 PG. 219
T-82°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-112 TO BM 11-113
BM 11-112				153				214	BM 11-112 (U.S.G.S. 331)
1	117	860	418 5	81 72	180	840	481 5	146 78	Old Valley Blvd. & First St.
				170	171			196	See F.B. 1376-99
2	142	283	443 5	114 56	172	963	472 5	196 60	
				128 ✓	✓			128 ✓	π-Sieman
3								128	
	260	143 ✓			352	803 ✓		256 ✓	
					260	143			BM 11-113 (U.S.G.S. 328)
BM 11-113					-92	660 ✓			Old Valley Blvd. & Glendora Ave.
									See F.B. 3710-247
				RERUN	4-23-71	TEMP = 68°		SMOG & WINDY	
BM 11-112								208	
1	127	320	428 5	158 62	176	773	477 5	144 64	
				175				218	
2	144	460	445 5	113 62	187	784	488 5	156 62	
				124 ✓				126 ✓	
BM 11-113								124	
	271	780 ✓			364	557 ✓		250 ✓	
					271	780			
					-92	777 ✓			

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER SMOGGY 82°
NOTES BY G.E. DREIER DATE 4-6-71 TIME 1:45 to 2:10 INST. NO. 26716
INDEXED G.J. GALLI DATE NOTES CHKD RCP DATE 6-7-71 ROD NO. 25896
F.B. 4111 PG. 219

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-116A TO B.M. 11-116C
B.M. 11-116A				193				199	B.M. 11-116A (PUENTE D-9C 1956)
1	157 887	458	5	121 72	162 589	463	5	125 74	VALLEY BLVD. & 8TH AVE.
									SEE F.B. 1376-102D
2	131 199	432	5	168 94 74	137 483	438	5	172 102 70	
				146				144	
3	134 772	435	5	172 96 76	162 853	463	5	200 124 76	
				222				220	
* 4	101 422	402	5	138 64 74	142 045	443	5	179 165 74	T J. MALDONADO
				296				294	
~~5~~	~~142 045~~	~~443~~	~~5~~	~~179 105 74~~					
				370					
~~6~~ 5	101 973	402	5	139 63 76	133 530	434	5	170 96 74	
				372				368	
6	127 259	428	5	153 101 52	184 521	485	5	212 156 56	
				424 ✓				424 ✓	
B.M. 11-116C								424	B.M. 11-116C (PUENTE C-8A 1956)
	754512 ✓				923021 ✓			848	VALLEY BLVD. & 6th AVE.
					754512				SEE F.B. 944-45
					168509 ✓				

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. 4111 PG. 220 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-13-71

INDEXED J. GALLI DATE

WEATHER HAZE - SUN INST. NO. 96716

TIME 9:25 TO 10:00 ROD NOS E92

NOTES CHKD RCB DATE 6-7-71

76°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.11-116C TO B.M.11-116A
B.M.11-116C									B.M.11-116C
1	191	042	492 5	226 156 70	147	731	448 5	182 112 70	VALLEY BLVD. & 6TH AVE
									SEE F.B. 944-45
2	185	347	486 5	220 150 70	144	158	445 5	178 110 68	
				140				138	℄ J. MALDONADO
3	144	303	445 5	177 111 66	128	418	429 5	158 98 60	
				206				198	
4	166	399	467 5	202 130 72	139	242	440 5	178 100 78	
				278				276	
5	149	371	450 5	185 113 72	114	602	415 5	150 78 72	
				350				348	
6	161	748	462 5	198 124 74	155	737	456 5	193 117 76	
				424 ✓				424 ✓	
								424	
	998	210 ✓			829	888 ✓		848 ✓	
B.M.11-116A	829	888							B.M.11-116A
	+168	322 ✓							VALLEY BLVD. & 8TH AVE
									SEE F.B. 1376-102D

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. 4111 Pg. 220 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES GE. DREIER 4-13-71

INDEXED C. J. GALLI DATE

WEATHER 76° SMOGGY INST. NO. 96716

TIME 11:20 TO 11:30 ROD NO. 9548

NOTES CHKD RLG DATE 6-7-71

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 11-113 TO B.M. 11-112
B.M. 11-113								183	B.M. 11-113
1	181	891	4825	219 143 76	144	791	4455	105 78	OLD VALLEY BLVD. & GLENDORA AVE
									SEE F.B. 3710-247
2	177	669	4785	201 153 48	122	950	4235	146 98 48	
				124	✓			126	✓
								124	
	359	560	✓		267	741		250	✓
B.M. 11-112	267	741							B.M. 11-112
									OLD VALLEY BLVD. & 1ST. ST.
	+91	819	✓						SEE F.B. 1376-99
	RERUN 1:10 4-23-71 TEMP=69° HAZE & WIND								
B.M. 11-113									
1	186	994	4875	219 155 62	143	681	4445	174 112 62	
2	174	339	4755	205 143 62	125	009	4265	156 93 63	
				124	✓			125	✓
B.M. 11-112								124	
	361	333	✓		268	690	✓	249	✓
	268	690							
	+92	643	✓						

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-113 TO BM 11-114A
BM 11-113				107 64				219	BM 11-113 (U.S.G.S. 328)
1	75	452	376 5	1/295 ~~32~~	186	951	487 5	153 66	Old Valley Blvd. & Glendora
				142				185	Ave.
2	113	255	414 5	84 58	155	000	456 5	125 60	See F.B. 3710-247
				184 122				179 126	
3	173	419	474 5	162 22	168	243	469 5	157 22	
				144 ✓				148	R. Siemann
								144	
	362	126 ✓			510	194 ✓		292 ✓	
					362	126			
					148	068 ✓			BM 11-114A
BM 11-114A									Old Valley Blvd. & ~~Glendora~~ Hacienda Blvd.
									See F.B. 1376-101

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 4-6-71

INDEXED [illegible] DATE

WEATHER Sunny Haze INST. NO. 96716

TIME 11:05 to 11:25 ROD NO. 95496

NOTES CHKD RCB DATE 6-7-71

T-82°

F.B. 4111 PG. 221

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 82° LT. BR
SURVEY BY G.E. DREIER WEATHER SMOGGY INST. NO 96716
NOTES BY G.E. DREIER DATE 4-6-71 TIME 2:15 TO 2:25 ROD NO 95896
INDEXED C.J. GALLI DATE NOTES CHKD. RCG DATE 6-7-71
F.B. 4111 PG. 221

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-116C TO B.M. 11-117
B.M. 11-116C				214				108	B.M. 11-116C (PUENTE C-8A 1956)
1	178	857	479 5	142 72	72	928	373 5	36 72	VALLEY BLVD. & 6TH AVE
				95				200	SEE F.B. 944-45
2	87	421	388 5	79 16	192	700	493 5	184 16	
				88 ✓				88 ✓	↑ J. MALDONADO
								88	
	266	278 ✓			265	628 ✓		176 ✓	
B.M. 11-117	265	628							B.M. 11-117 (PUENTE C-8 1939)
	+ 0650 ✓								VALLEY BLVD. & ORANGE
									SEE F.B. 1376-104

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. 11-117 TO B.M. 11-116C
B.M. 11-117													B.M. 11-117
1	177	440	478	5	212 142	70	140	921	441	5	175 105	70	~~WORKMAN MILL RD E~~
													VALLEY BLVD. & ORANGE AVE
2	142	220	443	5	151 133	18	179	361	480	5	188 170	18	SEE F.B. 1376-104
						88	✓					88	✓
												88	J. MALDONADO
	319	660	✓				320	282	✓			176	✓
B.M. 11-116C							319	660					B.M. 11-116C
													VALLEY BLVD. & 6th AVE
							0	622	✓				SEE F.B. 944-45

F.B. 4111 PG. 222 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-13-71

INDEXED C. J. GALLI DATE

73°

WEATHER HAZE - SUN INST. NO. 96716

TIME 9:15 TO 9:25 ROD NO. 95896

NOTES CHKD. RCB DATE 6-7-71

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.11-114A TO B.M.11-113
B.M.11-114A									B.M.11-114A
1	157	616	458 5	186 128 58	122	841	423 5	150 94 56	VALLEY BLVD. & HACIENDA BLVD.
									SEE F.B. 1376-101
2	190	331	491 5	221 160 61	113	770	414 5	143 83 60	
				119				116	
3	170	511	471 5	180 160 20	133	825	434 5	145 121 24	⊼ R. SIEMANN
				139 ✓				140 ✓	
								139	
	518	458 ✓			370	436 ✓		279 ✓	
B.M.11-113	370	436							B.M.11-113
									OLD VALLEY BLVD. & GLENDORA AVE
	+148	022 ✓							SEE F.B. 3710-247

F.B. 4111 PG. 222 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-13-71

INDEXED G. J. GALLI DATE

75°

WEATHER SMOGGY INST. NO. 96716

TIME 11:10 TO 11:20 ROD NO. 95896

NOTES CHKD RCB DATE 6-7-71

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-84°

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 4-6-71

INDEXED B. J. GALL DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 11:25 to 12:00 ROD NO. 95396

NOTES CHKD RCB DATE 6-7-71

F.B. 4111 PG. 223

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 11-114A TO BM 11-115A
BM 11-	79	851			111						225		BM 114A
1	79	851	380	5	47	64	192	081	493	5	159	66	Old Valley Blvd & Hacienda Blvd
					147						259		See F.B. 1376-101
2	118	441	419	5	89	58	231	365	532	5	203	56	
					154	122					207	122	
3	124	165	425	5	94	60	178	970	479	5	149	58	T-Siemann
					158	182					201	180	
4	128	860	429	5	98	60	171	069	472	5	141	60	
					171	242					224	240	
5	136	860	437	5	101	70	188	818	489	5	152	72	
					210	312					224	312	
6	176	772	477	5	142	68	190	311	491	5	156	68	
					162	380					216	380	
7	128	080	429	5	94	68	181	001	482	5	146	70	
					173	448					198	450	
8	139	451	440	5	105	68	165	159	466	5	132	66	
					183	516					236	516	
9	149	671	450	5	115	68	202	605	503	5	168	68	
						584 ✓						584 ✓	
												584	
	1182	151 ✓					1701	379 ✓				1168 ✓	
							1182	151					
						-	519	228 ✓					BM 11-115A (L.A.Co. Traverse Sta. PUENTE E-9A 1956)
BM 11-115A													Valley Blvd & Turnbull Cyn. Rd
													See F.B. 1376-102B

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 81° F.B. 4111 Pg. 223
SURVEY BY G.E. DREIER WEATHER SMOGGY INST. NO 96716
NOTES BY G.E. DREIER DATE 4-6-71 TIME 2:25 to 2:40 ROD NO 85 & 96
INDEXED J. GALLI DATE NOTES CHKD RCB DATE 6-7-71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-117 TO B.M. 11-117A
B.M. 11-117									B.M. 11-117 (PUENTE C-8 1939)
1	223	125	524 5	262 / 184 78	145	810	446 5	183 / 107 76	VALLEY BLVD & ORANGE AVE
									SEE F.B. 1376-104
2	133	408	434 5	166 / 100 66	153	030	454 5	186 / 120 66	
				147 / 139 144 / 8				194 142	T J. MALDONADO
3	143	458	444 5		189	920	490 5	184 10	
				152 ✓				152 ✓	
								152	
	499	991 ✓			488	760 ✓		304 ✓	
B.M. 11-117	488	760							B.M. 11-117A (PUENTE C-8C 1959)
	+ 11	231 ✓							VALLEY BLVD. & 5TH AVE
									SEE F.B. 1376-104A

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 HAZE - SUN INST. NO 26716
TIME 9:00 TO 9:45 ROD NO 25 & 92
NOTES CHKD RCB DATE 6-7-71

F.B. 4111 PG. 224 JOB NO 0301.02
SURVEY OF L.A.CO. PRECISE LEVELNET
SURVEY BY DREIER NOTES DREIER 4-13-71
INDEXED G.I. GALLI DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.11-117A TO B.M.11-117
B.M.11-117A					221						173		B.M.11-117A
1	183	149	484	5	145	76	135	245	436	5	97	76	VALLEY BLVD. & 5TH AVE.
													SEE F.B. 1376-104A
2	138	259	439	5	171	66	157	700	458	5	190		
					105	142					124	66	
					154						195	142	
3	151	978	452	5	148	6	191 ✓	573	492	5	186	9	℄ J. MALDONADO
						148						151 ✓	
												148 ✓	
	473	386 ✓					484	518 ✓				299	
B.M.11-117							473	386					B.M.11-117
													VALLEY BLVD. & ORANGE AVE.
							+ 11	132 ✓					SEE F.B. 1376-104

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. 4111 PG. 224 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-13-71

INDEXED C. J. GALL DATE

WEATHER 79° SUNNY INST. NO. 96716

TIME 11:30 TO ROD NO. 95896

NOTES CHKD RCB DATE 6-7-71

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-115A TO B.M. 11-114A
B.M. 11-115A													B.M. 11-115A
1	195	431	496	5	230 ~~180~~	70	138	779	439	5	172 104	68	VALLEY BLVD. & TURNBULL CN. RD.
													SEE F.B. 1376-102B
2	169	463	470	5	203 135	68	152	993	453	5	186 118	68	
						138						136	
3	182	099	483	5	214 150	64	147	421	448	5	181 113	68	
						202			~~135~~			204	R. SIEMANN
4	219	130	520	5	252 ~~186~~	66	165	145	466	5	197 133	64	
						268						268	
5	192	376	493	5	226 158	68	83	396	384	5	117 49	68	
						336						336	
6	174	999	475	5	209 139	70	64	060	365	5	98 30	68	
						406						404	
7	204	289	505	5	238 170	68	67	000	368	5	1102 ~~967~~	70	
						474 ✓						474 ✓	
B.M. 11-114A												474 ✓	B.M. 11-114A
	1337	787 ✓					818	794 ✓				948	VALLEY BLVD. & HACIENDA AVE
	~~818~~	~~794~~											
	+518	993 ✓											

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER 84° SUNNY
NOTES BY G.E. DREIER DATE 4-6-71 TIME 1:00 TO 4:25 INST. NO. 26716
INDEXED G.J. GALLI DATE NOTES CHKD R.C.P. DATE 6-7-71 ROD NO. 25896

F.B. 4111 PG. 225

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT		MIC.	LEFT.		STADIA	RIGHT		MIC.	LEFT.		STADIA	
B.M. 11-115A													FROM B.M. 11-115A TO B.M. 11-115B
						215						199	B.M. 11-115A (PUENTE E-9A 1956)
1	180	860	481	5		145 70	165	388	466	5		131 68	VALLEY BLVD & TURNBULL CN. RD.
						174						202	SEE F.B. 1376-102B
2	139	618	440	5		104 70	167	475	468	5		132 70	
						168 140						192 138	
3	147	351	448	5		126 42	170	423	471	5		148 44	T R. SIEMANN
						182						182	
						162						221	
4	148	785	449	5		134 28	207	539	508	5		193 28	
						210 ✓						210 ✓	
												210	
	616	614	✓				710	825	✓			420 ✓	
B.M. 11-115B							616	614					B.M. 11-115B (PUENTE D-9B 1956)
													VALLEY BLVD & 9TH AVE.
							94	211	✓				SEE F.B. 1376-102C

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 80° F.B. 4111 Pg. 225
SURVEY BY G.E. DREIER WEATHER SMOGGY INST. NO 96716
NOTES BY G.E. DREIER DATE 4-6-71 TIME 2:40 TO 3:00 ROD NO 25896
INDEXED G.E. BALL DATE NOTES CHKD. RCR DATE 6-7-71

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT		MIC.	LEFT.	STADIA		RIGHT		MIC.	LEFT.	STADIA		FROM B.M. 11-117A TO B.M. 11-118
B.M. 11-117A					214						195		B.M. 11-117
1	177		451	478	5 140	74	159		673	460	5 123	72	VALLEY BLVD. & 5TH AVE
					189						207		SEE F.B. 1376-104A
2	156		669	457	5 123	66	173		738	474	5 139	68	
	7				184	140					228	140	
3	14[illegible]		038	448	5 110	74	191		412	492	5 154	74	T J. MALDONADO
						214 ✓						214 ✓	
B.M. 11-118												214	B.M. 11-118 (PUENTE B-7 1946)
	481	158	✓				524	823 ✓			✓ 428		VALLEY BLVD. & 4TH AVE
							481	158					SEE F.B. 1376-105
							43	665 ✓					

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. 11-118 TO B.M. 11-117A
B.M. 11-118A													B.M. 11-118
1	194	151	495	5	231 157	74	149	750	450	5	186 112	74	VALLEY BLVD. & 4th AVE
													SEE F.B. 1376-105
2	153	169	454	5	191 115	76	138	277	439	5	175 101	74	
												148	
~~3~~	~~158~~	~~958~~	~~459~~	~~5~~	~~193~~ ~~123~~	~~150~~ ~~70~~	~~154~~						⊼ J. MALDONADO
						~~220~~							
3	154	842	455	5	187 121	66	170	555	471	5	202 138	64	
						216 ✓						212 ✓	
												216	
B.M. 11-117A	502	162 ✓					458	582 ✓				428	B.M. 11-117A
	458	582											VALLEY BLVD. & 5th AVE
													SEE F.B. 1376-104A
	+43	580 ✓											

F.B. 4111 PG. 226 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-13-71

INDEXED G. J. GALLI DATE

WEATHER HAZE - SUN INST. NO. 96716

TIME 8:40 TO 9:00 ROD NO. 95 & 96

NOTES CHKD RCB DATE 6-7-71

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.

INST. NO. 16716 ROD NO. 25896 DATE 6-7-71

NOTES CHKD RCB

TIME 1015 TO

WEATHER SMOGGY 73°

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-13-71

INDEXED G. L. GALLI DATE

F.B. 4111 Pg. 226 JOB NO. 0301.02

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM BM.11-115B TO BM.11-115A
BM.11-115B				257					192		BM.11-115B
1	221	010	522 5	185	72	155	814	456 5	118	74	VALLEY BLVD & 9TH AVE
				207					179		SEE F.B. 1376-102C
2	172	740	473 5	137	70	144	985	445 5	110	69	
				214	142				212	143	T R. SIEMANN
3	178	961	479 5	142	72	177	679	478 5	142	70	
					214 ✓					213 ✓	
										214	
	572	711 ✓				478	478 ✓			427 ✓	
BM.11-115A	478	478									BM.11-115A
	+ 94	233 ✓									VALLEY BLVD. & TURNBULL CN. RD.
											SEE F.B. 1376-102B

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER SMOGGY 83°
NOTES BY G.E. DREIER DATE 4-6-71 TIME 11:25 TO 1:45 INST. NO 96716
INDEXED R.J. GALI DATE NOTES CHKD. DCR DATE 6-7-71 ROD NO 25496
F.B. 4111 PG. 227

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-115B TO B.M. 11-116A
B.M. 11-115B					227						165		B.M. 11-115B (PUENTE D-98 1956)
1	192	935	493	5	157	70	131	692	432	5	97	68	VALLEY BLVD. & 9TH AVE.
													SEE F.B. 1376-102C
2	112	857	413	5	147 / 77	70	204	790	505	5	242 / 166	76	
					208	140					216	144	
3	172	361	473	5	136	72	182	473	483	5	148	68	
						212	✓					212	✓ T R. SIEMANN
4												212	
	478	153	✓				518	955	✓			424	✓
B.M. 11-116A							478	153					B.M. 11-116A (PUENTE D-9C 1956)
													VALLEY BLVD. & 8TH AVE.
							-40	802	✓				SEE F.B. 1376-102D

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — F.B. 4111 Pg. 227

SURVEY BY G.E. DREIER — WEATHER 69° PART CLOUDY — INST. NO. 96716

NOTES BY G.E. DREIER — DATE 4-8-71 — TIME 9:20 TO 9:40 — ROD NO. 95896

INDEXED — DATE — NOTES CHKD R.C.B. — DATE 6-7-71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.11-118 TO B.M.11-119A
B.M.11-118				205				197	B.M.11-118 (PUENTE B-7 1940)
1	166	599	467 5	127 78	158	299	459 5	118 79	VALLEY BLVD. & 4th AVE.
				177				172	SEE 1376-105
2	140	376	441 5	103 74	136	257	437 5	100 72	
				152				118 151	
3	163	340	464 5	195	88	438	389 5	58 60	℄ J. MALDONADO
				131 64				211 ✓	
				216 ✓				216	B.M.11-119A
B.M.11-119A	470	315 ✓			382	994 ✓		427	VALLEY BLVD. & 3rd AVE. (PUENTE AVE. To N.)
	382	994							SEE F.B. 2880-48
	+ 87	321 ✓							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.11-119A TO B.M.11-118
B.M.11-119A													B.M.11-119A
1	63	758	364	5	93 33	60	171	637	472	5	201 141	60	VALLEY BLVD. & 3rd. AVE. (PUENTE AVE. TO.
													SEE F.B. 2880-48
2	154	847	455	5	190 118	72	108	750	409	5	143 173	70	
						132						130	
3	159	103	460	5	198 120	78	155	903	456	5	193 117	76	⊼ J. MALDONADO
						210						206	
4	155	220	456	5	157 153	4	183	959	484	5	187 179	8	
						214 ✓						214 ✓	
B.M.11-118												214	B.M.11-118
	532	928 ✓					620	249 ✓				428	VALLEY BLVD. & 4th AVE
							532	928					SEE F.B. 1376-105
							87	321 ✓					

F.B. 4111 PG. 228 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-13-71

INDEXED C. J. GALLI DATE

WEATHER HAZE - SUN INST. NO. 9671

TIME 8:20 TO 8:40 ROD NO. 95 & 9

NOTES CHKD RCB DATE 6-7-71

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. 4111 Pg. 228
SURVEY OF L.A.CO. PRECISE LEVEL NET JOB NO. 0301.02
SURVEY BY DREIER NOTES G.E. DREIER 4-13-71
INDEXED O.J. GALT DATE
WEATHER HAZE - SUN 77° INST. NO. 96716
TIME 10:00 TO 10:15 ROD NO. 95 & 99
NOTES CHKD RCG DATE 6-7-71

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-116A TO B.M. 11-115B
B.M. 11-116A													B.M. 11-116A
1	177	129	478	5	213 141	72	172	999	473	5	210 134	76	VALLEY BLVD. & 8TH AVE
													SEE F.B. 1376-102D
2	161	901	462	5	195 127	68	66	310	367	5	99 33	66	
												142	
3	117	682	418	5	153 81	140 72	176	713	477	5	211 141	70	⊼ R. SIEMANN
						212	✓					212 ✓	
												212	
	456	812	✓				416	022	✓			422 ✓	
B.M. 11-115B	416	022											B.M. 11-115B
													VALLEY BLVD. & 9TH AVE
	+40	690	✓										SEE F.B. 1376-102C

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 64°

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-8-71

INDEXED B.J. GALLI DATE

WEATHER PART CLOUDY INST. NO 96716

TIME 9:40 TO 10:15 ROD NO 95 & 96

NOTES CHKD RCB DATE 6-7-71

F.B. 4111 PG. 229

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.11-119A TO B.M.11-120A
B.M.11-119A									B.M.11-119A
1	44	212	345 5	72 16 56	152	040	453 5	182 122 60	VALLEY BLVD. & 3rd AVE. (PUENTE AVE TO N)
									SEE F.B. 2880-48
2	152	081	453 5	187 117 70	111	090	412 5	144 78 66	
				126				126	
3	181	842	482 5	217 145 72	107	111	408 5	142 72 70	⊼ J. MALDONADO
				198				196	
4	160	605	461 5	187 133 54	155	482	456 5	183 127 56	
				252				252	
5	105	708	406 5	135 75 60	158	048	459 5	186 130 56	
				312				308	
6	125	730	426 5	160 90 70	168	520	469 5	205 131 74	
				382				382	
7	~~181~~	~~313~~	~~482 5~~	~~197 165 32~~	241	200	542 5	257 225 32	
	177	598	478 5	193 161 414	✓			414	✓
								414	
	947	776	✓		1093	491	✓	828	✓
B.M.11-120A					947	776			B.M.11-120A
									PROCTOR AVE & WORKMAN MILL RD.
					1455	715	✓		SEE F.B. 3711-25

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

76P526B CE # 308 R/69

Do not extend notes this side of this line.

F.B. 4111 PG. 230 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVELNET

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

INDEXED B. J. GALLI DATE

WEATHER 82° HAZE-SW INST. NO. 96716

TIME 2:35 TO ROD NO. 93891

NOTES CHKD RCG DATE 6-7-71

LT. BR.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.11-120A TO B.M.11-119A
B.M.11-120A	3												B.M.11-120A
1	247	118	548	5	263 231	32	206	687	507	5	222 190	32	WORKMAN MILL RD. & PROCTOR AVE
													SEE F.B. 3711-25
2	181	958	482	5	217 145	72	114	278	415	5	150 78	72	
						104						104	
3	150	407	451	5	180 120	60	107	372	408	5	136 78	58	℄ J. MALDONADO
						164						162	
4	166	292	467	5	299 133	66	164	531	465	5	197 131	66	
						230						228	
5	88	703	389	5	125 51	74	180	811	481	5	218 142	76	
						304						304	
6	124	371	425	5	163 85	78	145	679	446	5	185 105	80	
						382						384	
7	156	118	457		174 138	36	50	327	351	5	61 39	22	
						418	✓					406 ✓	
												418	
B.M.11-119A	1114	967	✓				969	685	✓			824	B.M.11-119A
	969	685											VALLEY BLVD. & 3rd AVE.
													SEE F.B. 2880-48
	145	282	✓										

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER SMOGGY
NOTES BY G.E. DREIER DATE 4-23-71 TIME 1:35 TO 2:10 ROD NO 2496
INDEXED G.J. GALLI DATE NOTES CHKD RGB DATE 6-7-71
F.B. 4111 PG 231

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT RERUN STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-119A TO B.M. 11-120A
B.M. 4-119A					81						183		B.M. 11-119A
1	46	550	347	5	11	70	148	559	449	5	113	70	VALLEY BLVD. & THIRD AVE (PUENTE AVE TO N)
													SEE F.B. 2880-48
2	152	067	453	5	189 115	74 144	98	058	399	5	134 62	72	
													RERUN
3	179	640	480	5	213 145	68	116	024	417	5	149 83	142 66	T. J. MALDONADO
4	137	752	438	5	164 110	212 54	146	536	447	5	175 117	208 58	
5	97	777	398	5	130 64	266 66	158	725	459	5	190 126	266 64	
6	125	800	426	5	150 100	332 50	154	032	455	5	180 128	330 52	
7	186	799	487	5	202 170	382 32	250	089	551	5	266 234	382 32	
						414 ✓						414 ✓	
B.M. 11-120A												414	B.M. 11-120A
	926	385	✓				1072	023	✓			828	PROCTOR AVE & WORKMAN MILL RD.
							926	385					SEE F.B. 3711-25
							-145	638					

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

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

Do not extend notes this side of this line.

INST. NO 96714
ROD NO 95 84
DATE 6-7-71
NOTES CHKD RCM
WEATHER CLEAR 57°
TIME 8:30
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER 4-26-71
INDEXED G.T. GALLI DATE
JOB NO 0301.02
P.B. 411 PG. 232

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RERUN RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-120A TO B.M. 11-119A
B.M. 11-120A									B.M. 11-120A
1	212	477	513 5	242 182 60	146	560	447 5	175 117 58	PROCTOR AVE & WORKMAN MILL RD.
									SEE F.B. 3711-25
2	186	267	486 5	222 148 74	117	299	418 5	153 81 72	
3	174	603	475 5	210 138 72	149	628	450 5	189 110 79	RERUN
				134				130	J. MALDONADO
4	114	689	415 5	147 81 66	193	672	494 5	225 162 63	
				206				209	
5	114	850	415 5	152 76 76	154	977	455 5	191 117 74	
				272				272	
6	150	091	451 5	182 118 64	44	622	345 5	76 12 64	
				348				346	
				412	✓			410	✓
B.M. 11-119A								412	B.M. 11-119A
	956	977	✓		806	758	✓	~822	VALLEY BLVD. & 3rd AVE (PUENTE AVE)
	806	758							SEE F.B. 2880-48
	+ 1456	19	✓						

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-61

SURVEY BY G.E. Dreier DATE 4-26-71 TIME 2:05 to 9:30 WEATHER Sunny/Calm INST. NO. 24716

NOTES BY Ma/de/mda DATE TIME ROD NO. 35693

INDEXED C. 1 GALV DATE NOTES CHKD RCB DATE 6-7-71

F.B. 4111 PG 233

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 11-119A TO BM 11-120A
BM 11-119A					89						198		BM 11-119A
1	59	645	360	5	29	60	168	089	469	5	138	60	Valley Blvd. & 3rd. Ave (Fuente Ave. to N.)
					188						146		
2	156	679	457	5	124	64	113	365	414	5	80	66	See F.B. 2980-48
					230	124					166	126	
3	193	782	494	5	156	74	129	714	430	5	92	74	
					186	198					206	200	
4	154	202	455	5	122	64	174	183	475	5	142	64	T. Dreier
					162	262					206	264	
5	128	667	429	5	94	68	173	778	474	5	140	66	Re-Run
					171	330					251	330	
6	139	379	440	5	105	66	218	820	519	5	185	66	
						396 ✓						396 ✓	
												396	
	832	354	✓				977	949	✓			792 ✓	
BM 11-120A							832	354					BM 11-120A
							145	595	✓				Proctor Ave. & Workman Mill Rd.
													See F.B. 3711-25

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. 4111 PG. 234 | JOB NO. 0301.02 | SURVEY OF L.A. Co. Precise Level Net | SURVEY BY Dreier | NOTES Maldonado 4-26-71 | INDEXED B. J. GALLI | DATE

WEATHER Overcast | INST. NO. 9674 | TIME 10:35 to | ROD NO. 9559 | NOTES CHKD RCA | DATE 6-7-71

T-58°

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM BM 11-120A TO BM 11-119A
BM 11-120A					238					156	BM 11-120A
1	302	361	503	5	166 72	120	158	421	5	84 72	Proctor Ave. & Workman Mill Rd.
					224					159	
2	184	825	485	5	144 80	120	215	421	5	81 78	See F.B. 3711-25
		891			216 152					208 150	
3	179	~~880~~	480	5	142 74	170	980	471	5	132 76	
					143 226					225 226	
4	110	033	411	5	77 66	191	791	492	5	157 68	K. Dreier
					157 292					187 294	
5	123	325	424	5	89 68	152	878	453	5	116 71	2nd Re-Run
					177 360					75 365	
6	151	322	452	5	125 52	50	410	351	5	24 51	
					417 ✓					416 ✓	
				5					5	412	
	951	757	✓			806	432	✓		828 ✓	
	806	432									
	145	325									
BM 11-119A											BM 11-119A Valley Blvd & 3rd Ave. (Puente Ave. to N.) See F.B. 2880-48

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY C.E. DREIER WEATHER PART CLOUDY INST. NO. 96716
NOTES BY C.E. DREIER DATE 4-8-71 TIME 10:15 AM TO 10:45 ROD NO. 95896
INDEXED J. GATTI DATE NOTES CHKD. RCB DATE 6-7-71
F.B. 4111 PG. 235

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-120A TO B.M. 11-121
B.M. 11-120A											189		B.M. 11-120A
1	190	458	491	5	227 158	64	157	094	458	5	125	64	PROCTOR AVE & WORKMAN MILL RD
													SEE F.B. 3711-25
2	160	353	461	5	195 125	70	112	798	413	5	146 78	68	
	30					134						132	
3	229	029	531	5	265 195	70	111	489	412	5	145 77	68	T R. SIEMANN
						204						200	
4	265	371	566	5	286 244	42	39	020	340	5	61 17	44	
						246						244	
5	299	949	600	5	299 ½ 276	46	18	658	319	5	41 ½ 18	46	
						292						290	
6	301	739	602	5	301 ½ 279	44	26	331	327	5	49 3	46	
						336						336	
7	265	982	566	5	288 242	46	28	070	329	5	50 6	44	
						382						380	
8	251	319	552	5	267 235	32	99	302	400	5	175 83	32	
						414	✓					412	✓
M.11-121												414	B.M. 11-121
	1965	200	✓				592	762	✓		✓	826	WORKMAN MILL RD. & LOMITAS AVE.
	592	762											SEE F.B. 1376-108
+	1372	438	✓										

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.11-121 TO B.M.11-120A
B.M.11-121									B.M.11-121
1	37	090	338 5	58 / ½ 37 42	246	189	547 5	268 / 224 44	WORKMAN MILL RD. & LOMITAS AVE.
									SEE F.B. 1376-108
2	9	111	310 5	35 / ½ 9 52	217	281	518 5	243 / 191 52	
3	8	958	309 5	94 / 30 / ½ 8 44	298	130	599 5	96 / 298 / ½ 278 40	⊼ R. SIEMANN
4	13	700	314 5	138 / 32 / ½ 13 38	285	711	586 5	136 / 305 / 265 40	
5	28	202	329 5	176 / 50 / 6 44	208	341	509 5	176 / 231 / 185 46	
6	101	852	402 5	220 / 130 / 72 58	218	030	519 5	222 / 246 / 198 56	
7	79	178	380 5	278 / 109 / 49 60	136	625	437 5	278 / 168 / 104 64	
8	122	233	423 5	338 / 161 / 83 78	162	771	463 5	342 / 200 / ½ 162 76	
				416 ✓				418 ✓	
								416	
	400	324 ✓			1773	078 ✓		834 ✓	
B.M.11-120A					400	324			B.M.11-120A
									WORKMAN MILL RD. & PROCTOR AVE.
					1372	754 ✓			SEE F.B. 3711-25

F.B. 4111 PG. 236 JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-12-71

INDEXED B.J. GALLI DATE

80° LT. BR.

WEATHER HAZE - SUN INST. NO. 96716

TIME 2100 TO 2135 ROD NO. 9589

NOTES CHKD RCB DATE 6-7-71

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER 70° SMOG. BREEZY INST. NO 26716
NOTES BY G.E. DREIER DATE 4-23-71 TIME 2:10 TO 2:45 ROD NO 25 & 28
INDEXED G.J. GALLI DATE NOTES CHKD RCQ DATE 6-7-71
F.B. 4111 PG. 237

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		RERUN DESCRIPTION AND REMARKS
													FROM B.M.11-120A TO B.M.11-121
B.M.11-120A													B.M.11-120A
1	167	524	468	5	205 167	76	138	598	439	5	176 108	76	PROCTOR AVE & WORKMAN MILL RD
													SEE F.B. 3711-25
2	175	050	476	5	211 139	72	98	315	399	5	134 62	72	
					267	148					144	148	RERUN
3	233	610	534	5	199	68	110	323	411	5	76	68	T R. SIEMANN
					274	216					84	216	
4	261	402	562	5	248	26	71	443	372	5	58	26	
					296	242					70	242	
5	276	199	577	5	256	40	50	768	351	5	30	40	
					298	282					64	282	
6	280	590	581	5	262	36	47	282	348	5	30	34	
					272	318					75	316	
7	253	190	554	5	234	38	55	821	356	5	35	40	
					293	356	44	43			58	356	
8	272	898	573	5	251	42	38	999	339	5	18	40	
					206	398	611	549			144	396	
9	198	770	499	5	190	16	135	322	436	5	126	18	
						414	✓					414	✓
B.M.11-121												414	B.M.11-121
	2119	233	✓				746	871	✓		✓	828	WORKMAN MILL RD. & LOMITAS AVE.
	746	871											SEE F.B. 1376-108
	1372	362	✓										

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-121 TO B.M. 11-120A
B.M. 11-121													B.M. 11-121
1	73	451	374	5	87 59	28	199	585	500	5	213 185	28	WORKMAN MILL RD. & LOMITAS AVE
													SEE F.B. 1376-108
2	21	883	322	5	1 45 ½ 21	48	278	810	579	5	302 254	48	
						76						76	
3	87	930	388	5	112 62	50	281	934	582	5	303 258	45	RERUN
						126						121	⊼ R. SIEMANN
4	45	161	346	5	58 32	26	261	370	562	5	274 248	26	
						152						147	
5	11	240	312	5	1 31 ½ 11	40	274	971	575	5	297 251	46	
						192						193	
7	61	830	362	5	91 31	60	216	873	517	5	246 186	60	
						252						253	
8	90	300	391	5	119 61	58	203	439	504	5	232 174	58	
						310						311	
9	134	465	435	5	164 105	59	169	848	470	5	198 140	58	
10						369						369	
B.M. 11-120A	191	185	492	5	217 165	52	203	511	504	5	228 178	50	B.M. 11-120A
						421 ✓					✓	419	PROCTOR AVE & WORKMAN MILL RD.
												421	SEE F.B.
	717	445 ✓					2090	341 ✓			✓	840	
							717	445					
							1372	896 ✓					

740

WEATHER HAZE INST. NO. 96716

TIME 2:45 TO 3: ROD NO. 95896

NOTES CHKD RDD DATE 6-7-71

JOB NO. 0301.02

SURVEY OF LA. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-23-71

INDEXED GALLI DATE

4111 PG. 238

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 60
SURVEY BY G.E. Dreier WEATHER Sunny & Clear INST. NO. 96744
NOTES BY Maldonado DATE 4-26-71 TIME 9:30 to 10:00 ROD NO. 95496
INDEXED J. GALLI DATE NOTES CHKD RCKB DATE 6-7-71
F.B. 4111 Pg. 239

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											From BM 11-120A To BM 11-121
BM 11-120A			~~483~~		224.84					195	BM 11-120A
1	182	396	~~483~~	5	182.42	153	631	~~554~~	5	111 84	Proctor Ave. & Workman Mill Rd.
					227					11.2	
2	189	880	490	5	151 76	75	918	376	5	38 74	see F.B. 3711-25
					270 160					47.1 158	
3	230	810	531	5	190 80	7	833	308	5	7½ 80	
					295 240					30.1 238	
4	275	123	576	5	255 40	9	200	310	5	9½ 42	K-Dreier
					267 280					34.1 280	
5	249	526	550	5	231 36	15	718	316	5	15½ 38	2nd Re-Run
					281 316					69 318	
6	261	578	562	5	241 40	50	922	351	5	31 38	
					296 356					54 356	
7	273	783	574	5	250 46	31	665	332	5	8 46	
					218 402			456		163 402	
8	210	100	511		202 16	155	762	~~459~~	5	147 16	
					418 ✓					418 ✓	
										418	
	1873	196 ✓				500	649 ✓			836 ✓	
	560	649									
	+1372	547 ✓									
BM 11-121											BM 11-121 Workman Mill Rd. & Lomitas Ave. see F.B. 1376-108

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. 4111 PG. 240 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Drever NOTES Maldonado 4-26-71

INDEXED J. GALLI DATE

WEATHER T-59° Cloudy/Calm INST. NO. 9671

TIME 10:00 To 10:30 ROD NO. 2554

NOTES CHKD RCB DATE 6-7-71

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM BM 11-121 TO BM 11-120A
BM 11-121				87					296		BM 11-121
1	66	255	367 5	45	42	276	470	577 5	256	40	Workman Mill Rd & Lomitas Ave.
				66					262		
2	44	878	345 5	22	44	238	711	579 5	214	48	F.B. 1376-108
				86	86				301½	88	
3	63	983	364 5	40	46	301	546	602 5	280½	42	
				331	132				295	130	
4	14	533	315 5	14½	38	295	698	596 5	276½	38	T. Drever
				391	170				246	168	
5	16	846	317 5	16 2	46	221	960	522 5	196	50	2nd Re-Run
				111	216				274	218	
6	76	687	377 5	41	70	239	172	540 5	204	70	
				144	286				205	288	
7	107	000	408 5	70	74	167	359	468 5	129	76	
				179	360				200	364	
8	150	670	451 5	121	58	172	813	473 5	144	56	
					418 ✓					420 ✓	
										418	
	540	852				191	729 ✓			838 ✓	
						540	852				
					−	1373	877 ✓				
BM 11-120A											BM 11-120A Proctor Ave & Workman Mill Rd See F.B. 3711-25

76P526B CE # 308 8/66

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER HAZY SUN INST. NO 26716
NOTES BY G.E. DREIER DATE 4-8-71 TIME 10:45 TO 11:20 ROD NO 25896
INDEXED G.J. GALLI DATE NOTES CHKD R.C.S. DATE 6-7-71
F.B. 4111 PG. 24

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-121 TO B.M. 11-122
B.M. 11-121													B.M. 11-121
1	286	891	587	5	1-286 / 764	44	65	251	366	5	87 / 43	44	WORKMAN MILL RD. & LOMITAS AVE
													SEE F.B. 1376-108
2	192	589	493	5	23-1 / 153	78	220	395	521	5	258 / 182	76	
												120	
3	70	923	371	5	110 / 30	122 / 80	244	303	545	5	286 / 202	84	T R. SIEMANN
						202						204	
4	52	712	353	5	86 / 18	68	225	081	526	5	258 / 192	66	
						270					276	270	
5	40	835	341	5	75 / 5	70	241	678	542	5	206	70	
					84	340					273	340	
6	49	407	350	5	14	70	238	199	539	5	203	70	
					104	410					277	410	
7	79	178	380	5	54	50	251	210	552	5	225	52	
					122	460					230	462	
8	110	675	411	5	98	24	218	981	519	5	206	24	
						484	✓					486	✓
												484	B.M. 11-122
B.M. 11-122	883	270	✓				1705	098	✓		✓	970	WORKMAN MILL RD. 244 FT. S.W. OF FONTENOY AVE
							883	270					SEE F.B. 2880-49
							821	828	✓				

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. 4111 PG. 242 JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-12-71

INDEXED J. GALU DATE

WEATHER HAZE-SUN INST. NO. 96716

TIME 11:45 TO 2:00 ROD NO. 958 &

NOTES CHKD RCD DATE 6-7-71

80° LT. BR

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.11-122 TO B.M.11-121
B.M.11-122								91	B.M.11-122 AU
1	298	270	5995	½ 298 / ½ 269 58	62	092	3635	33 58	WORKMAN MILL RD. S.W. OF FONTENOY
									SEE F.B. 2880-49
2	237	264	5385	270 / 204 66	64	485	3655	96 / 32 64	
3	242	860	5435	274 / 210 64 — 124	52	740	3535	84 / 20 64 — 122	↑
4	237	360	5385	267 / 207 60 — 188	81	024	3825	110 / 52 58 — 186	
5	234	013	5355	264 / 204 60 — 248	86	013	3875	118 / 54 64 — 244	
6	214	599	5155	244 / 184 60 — 308	95	252	3965	126 / 64 62 — 308	
7	218	730	5195	248 / 188 60 — 368	148	391	4495	178 / 118 60 — 370	
8	15	790	3165	½ 44 / ½ 15 58 — 428	287	171	6885	½ 287 / ½ 260 54 — 430	
				486 ✓				484 ✓	
								486	
	1698	886 ✓			877	168 ✓		970 ✓	
B.M.11-121	877	168							B.M.11-121
									WORKMAN MILL RD. & LOMITAS AVE
	+821	718 ✓							SEE F.B. 1376-108

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 4-8-71
INDEXED G.J. GALLI DATE
WEATHER HAZY 68°
TIME 11:20 TO 11:40
NOTES CHKD RCB DATE 6-7-71
INST. NO 96716
ROD NO. 95896
F.B. 4111 PG. 243

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM.11-122 TO B.M.11-123A
B.M.11-122													B.M.11-122
1	58	740	359	5	87 29	58	259	704	560	5	288 230	58	WORKMAN MILL RD. & 244 FT. S.W. OF
													FONTENOY AVE.
2	39	239	340	5	69 9	60	256	096	557	5	286 226	60	SEE F.B. 2880-49
						118						118	
3	73	654	374	5	102 44	58	218	876	519	5	248 188	60	
						176						178	⊼ R. SIEMANN
4	115	495	416	5	144 86	58	201	481	502	5	229 173	56	
						234						234	
5	122	789	423	5	144 100	44	202	870	503	5	224 180	44	
						278	✓					278	✓
B.M.11-123A												278	B.M.11-123A
	409	917	✓				1139	027	✓			556	WORKMAN MILL RD & DIVERSION CHANNEL
							409	917					SEE F.B. 1376-110A
							729	110	✓				

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.11-123A TO B.M.11-122
B.M.11-123A									B.M.11-123A
1	208	555	509 5	237 179 58	102	880	403 5	131 73 58	WORKMAN MILL RD. & DIVERSION CHANNE
									SEE F.B. 1376-110A
2	198	995	499 5	228 168 60	102	979	403 5	132 72 60	
				118				118	⊼ R. SIEMANN
3	211	220	512 5	240 182 58	57	539	358 5	88 26 62	
				176				180	
4	252	831	553 5	277 227 50	58	147	359 5	81 35 46	
				226				226	
5	251	901	552 5	278 224 54	72	769	373 5	99 45 54	
				280 ✓				280 ✓	
B.M.11-122								280	B.M.11-122
	1123	502 ✓			394	314 ✓		✓ 560	WORKMAN MILL RD. & FONTENOY AVE
	394	314							SEE F.B. 2880-49
	+729	188 ✓							

F.B. 4111 PG. 244 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-12-71

INDEXED C. J. GANN DATE

WEATHER HAZE - SUN INST. NO. 96716

TIME 1:00 ROD NO. 95896

NOTES CHKD RCB DATE 6-7-71

790

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER SMOKY 73°
NOTES BY G.E. DREIER DATE 4-8-71 TIME 12:50 TO 1:30 INST. NO 26716
INDEXED C.J. GALLO DATE NOTES CHKD. RCG DATE 6-7-71 ROD NO 25496
F.B. 4111 PG. 245

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
								33					FROM BM. 11-123A TO BM. 11-124A
M. 11-123A					139						211		BM. 11-123A
1	110	118	411	5	81	58	177	848	478	5	143	68	WORKMAN MILL RD & DIVERSION CHANNEL
					97						236		SEE F.B. 1376-110A
2	63	574	364	5	29	68	206	911	507	5	176	60	
					133	126					286	128	
3	103	357	404	5	73	60	256	530	557	5	226	60	
						186					296	188	
4	7	669	309	5	27 ½ 7	40	276	557	577	5	256	40	T J. MALDONADO
					62	226					299	228	
5	28	027	329	5	½ 28	68	264	957	565	5	231	66	
					104	294					245	294	
6	70	732	371	5	36	68	211	797	512	5	177	68	
						362					203	362	
7	103	718	404	5	132 74	58	174	487	475	5	145	58	
					154	420					175	420	
8	140	898	441	5	126	28	162	412	463	5	149	26	
						448	✓					446	✓
M. 11-124A												448	B.M. 11-124A (RP, BY 6641)
	628	093	✓				1731	499	✓			894	WORKMAN MILL RD. & CAMBRAY DR.
							628	093					SEE F.B. 2880-54
						−	1103	406	✓				

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. 4111 Pg. 246 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 4-12-71
INDEXED J. GALVAN DATE
NOTES CHKD RCK DATE 6-7-71
WEATHER HAZE-SUN INST. NO. 36716
TIME 11:00 TO 11:35 ROD NO. 25 & 26
74°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 11-124A TO B.M. 11-123A
B.M. 11-124A									B.M. 11-124A
1	174	893	4755	208 / 140 / 68	103	233	4045	138 / 68 / 70	WORKMAN MILL RD. & CAMBRAY DR.
									SEE F.B. 2886-54
2	210	667	511 5	244 / 176 / 68	62	138	3635	97 / 27 / 70	
3	249	124	5505	284 / 214 / 70	37	070	3385	71 / .3 / 140 / 68	℄ J. MALDONADO
4	299	559	6005	½ 299 / 278 / 206 / 58	11	492	3125	½ 37 / 11 / 208 / 56	
5	252	589	5535	281 / 223 / 264 / 58	90	021	3915	118 / 62 / 280 / 56	
6	208	118	5095	242 / 174 / 322 / 68	70	711	3715	104 / 36 / 316 / 68	
7	~~185~~	~~128~~	~~4865~~	~~246 / 184 / 390 / 62~~	184	538	4855	~~246~~ / 152 / 384 / 72	
	184	538	4855	216 / 152 / 452 / 64 / 454 ✓	101	437	4025	½ 137 / ½ 101 / 456 ✓	
B.M. 11-123A								454	B.M. 11-123A
	1579488 ✓				476102 ✓			→ 910	WORKMAN MILL RD. & DIVERSION CHANNEL
	476102 ✓								SEE F.B. 1376-110A
	+1103386 ✓								

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.11-124A TO B.M.11-124B
B.M.11-124A													B.M.11-124A
													WORKMAN MILL RD. & CAMBRAY DR.
1	151	978	452	5	153 149	4	173	495	474	5	175 177	4	SEE F.B. 2880-54
							151	978				4	
							-21	517 ✓				8 ✓	
B.M.11-124B													B.M.11-124B (RM. #3 ELMONTE J-10 AUX 3)
													WORKMAN MILL RD. & CAMBRAY DR.
													SEE F.B. 2880-54

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 71°

SURVEY BY G.E. DREIER WEATHER HAZY - LT. WIND INST. NO. 96716

NOTES BY G.E. DREIER DATE 4-8-71 TIME 1:30 ROD NO. 95896

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

F.B. 4111 PG. 247

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 11-124B TO B.M. 11-124A
B.M. 11-124B									B.M. 11-124B (R.M. #3 EL. MONTE J-10 AUX 3
1	170	983	471 5	172 168 4	149	522	450 5	151 147 4	WORKMAN MILL RD. & CAMBRAY DR.
								4	SEE F.B. 2880-54
2	149	522							
	+21	461 ✓						8 ✓	
									↑ J. MALDONADO
B.M. 11-124A									B.M. 11-124A
									WORKMAN MILL RD. & CAMBRAY DR
									SEE F.B. 2880-54

74°

WEATHER HAZE - SUN INST. NO. 96716

TIME 5.5 TO 11:00 ROD NO. 95492

NOTES CHKD RCB DATE 6-7-71

F.B. 4111 PG. 248 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-12-71

INDEXED [illegible] GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET '74
SURVEY BY C.E. DREIER WEATHER HAZY INST. NO. 26716
NOTES BY C.E. DREIER DATE 4-8-71 TIME 1:35 TO 7:15 ROD NO. 25894
INDEXED E.J. GALLI DATE NOTES CHKD R.C.B. DATE 6-7-71
F.B. 4111 PG. 249

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-124B TO B.M. 11-125
B.M. 11-124B													B.M. 11-124B (R.M. 3 EL MONTE J-10 AUX 3)
1	186	531	487	5	216 156	60	109	188	410	5	138 80	58	WORKMAN MILL RD. & CAMBRAY DR.
													SEE F.B. 2880-54
2	105	402	406	5	129 81	48	196	130	497	5	220 172	48	
		467				108						106	
3	100	390	401	5	126 74	52	288	089	589	5	288 260	56	T. J. MALDONADO
						160					178	162	
4	103	699	404	5	134 72	62	147	762	448	5	116	62	
					140	222					192	224	
5	107	154	408	5	74	66	159	072	460	5	126	66	
					161	288					183	290	
6	128	418	429	5	95	66	151	417	452	5	119	64	
					196	354					143	354	
7	172	691	473	5	148	48	118	284	419	5	93	50	
						402	✓					404	✓
B.M. 11-125												402	B.M. 11-125
	904	362	✓				1169	942	✓			806	WORKMAN MILL RD. 0.35 MI. S. OF U.P. RR.
							904	362					SEE F.B. 1376-112
							265	580	✓				

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. 4111 Pg. 250 — JOB NO. 0301.02 — INST. NO. 96716 — ROD NO. 25-8R
SURVEY OF G.G. Co. PRECISE LEVELNET — DATE 4-12-71
SURVEY BY DREIER — NOTES DREIER — DATE 6-7-71
INDEXED B. J. GALL — NOTES CHKD RCB
WEATHER HAZE-SUN 74°
TIME 10:25

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT (+3)	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.11-125 TO B.M.11-124B
B.M.11-125				148				203	B.M.11-125
1	117	762	418 5	86 62	173	551	474 5	143 60	WORKMAN MILL RD. 0.35 MI. S. OF G.P.R.R.
				183				150	SEE F.B. 1376-112
2	148	382	449 5	113 70	116	282	417 5	82 68	
				132				128	
3	185	792	486 5	210 160 50	140	909	441 5	165 115 50	✱ J. MALDONADO
				182				178	
4	155	519	456 5	190 120 70	84	579	385 5	119 49 70	
				252				248	
5	296	383	597 5	296 263 66	47	688	248 5	82 12 70	
				318				318	
6	128	358	429 5	163 93 70	187	017	488 5	221 153 68	
				388				386	
7	164	734	465 5	172 156 16	181	261	482 5	191 171 20	
				404 ✓				406 ✓	
B.M.11-124B								404	B.M.11-124B (R.M. #3 EL MONTE J-10 AUX 3)
	1196930 ✓				931287 ✓			810 ✓	WORKMAN MILL RD. & CAMBRAY DR.
	931287								SEE F.B. 2880-54
	265643								

RELEVELING NOTES CONTINUED IN F.B. 4113-7 TO

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

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

NOTES BY SIEMANN DATE 5-18-71 TIME 10:00 TO 10:35 ROD NO. 95 & 96

INDEXED [illegible] DATE NOTES CHKD RCB DATE 6-7-71

F.B. 4111 PG. 251

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-96A TO B.M. 11-97
B.M. 11-96A													B.M. 11-96A
1	37	659	338	5	55 19	36	180	200	481	5	198 162	36	VALLEY BLVD. & BREA CN. RD.
													SEE F.B. 3710-216
2	119	306	420	5	150 88	62	175	059	476	5	205 145	60	
						98						96	
3	61	611	362	5	92 30	62	234	370	535	5	264 204	60	π = MALDONADO
						160						156	
4	40	844	341	5	72 8	64	215	940	516	5	249 181	68	RERUN
						224						224	
5	52	470	353	5	84 20	64	211	679	512	5	243 179	64	
						288						288	
6	122	682	423	5	155 89	66	174	095	475	5	206 142	64	
						354						352	
7	114	627	415	5	147 81	66	217	169	518	5	251 183	68	
						420						420	
8	99	182	400	5	126 72	54	231	052	532	5	257 205	52	
						474 ✓						472 ✓	
B.M. 11-97												474	B.M. 11-97
	648	381 ✓					1639	564 ✓				946	VALLEY BLVD. & CARREY RD.
							648	381					SEE F.B. 1376-87
							991	183 ✓					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4111 PG. 252 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-18-71

INDEXED O.J. GANN DATE

WEATHER WINDY & SUNNY INST. NO. 96716

TIME 2:20 TO 3:00 ROD NO. 15494

NOTES CHKD RCB DATE 6-7-71

T = 90°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-97 TO B.M. 11-96A
B.M. 11-97					270						96		B.M. 11-97
1	236	049	537	5	202	68	62	546	363	5	28	68	VALLEY BLVD. & CARREY RD.
					224						198		SEE F.B. 1376-87
2	192	150	493	5	160	64	126	540	427	5	94	64	
					195	132					134	182	
3	164	718	465	5	133	62	105	583	406	5	74	62	T = MALDONADO
					246	194					80	194	
4	214	124	515	5	182	64	50	693	351	5	20	60	RERUN
					254	258					87	254	
5	223	888	524	5	192	62	57	701	358	5	27	60	
					258	320					86	314	
6	228	331	529	5	198	60	56	249	357	5	26	60	
					185	380					136	374	
7	159	346	460	5	133	52	111	880	412	5	86	50	
					228	432					189	424	
8	208	883	509	5	188	40	65	055	366	5	265	48	
						472 ✓						472 ✓	
B.M. 11-96A												472	B.M. 11-96A
	1627	489	✓				636	247	✓			944	VALLEY BLVD. & BREA CN. RD.
	636	247											SEE F.B. 3710-216
	991	242	✓										

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 84

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 5-17-71

INDEXED O. J. GANN DATE

WEATHER WINDY, SUNNY INST. NO. 96716

TIME 10:40 TO 11:20 ROD NO. 95896

NOTES CHKD RCB DATE 6-7-71

F.B. 4111 PG. 253

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-97 TO B.M. 11-98B
B.M. 11-97									B.M. 11-97
1	97	727	398 5	132 62 70	216	530	517 5	252 180 72	VALLEY BLVD. & CARREY RD.
									SEE F.B. 1376-87
2	99	985	400 5	130 68 62	221	554	522 5	253 189 64	
				132				136	
3	80	010	381 5	114 46 68	212	455	513 5	246 178 68	T = MALDONADO
				200				204	
4	70	391	371 5	108 32 76	168	281	469 5	207 129 78	RE RUN
				276				282	
5	90	221	391 5	127 53 74	169	560	470 5	202 136 66	
				350				348	
6	87	890	388 5	124 50 74	164	058	465 5	200 128 72	
				424				420	
7	88	258	389 5	125 51 74	169	729	470 5	209 129 80	
				498				500	
8	119	089	420 5	137 101 36	152	749	453 5	170 134 36	
				534 ✓				536 ✓	
B.M. 11-98B								534	B.M. 11-98B.
	733	571 ✓			1474	916 ✓		1070	VALLEY BLVD. & LEMON AVE. 300' N.E.
					733	571			SEE F.B. 3710-221
					741	345 ✓			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-98B TO B.M. 11-97
B.M. 11-98B													B.M. 11-98B
1	162	103	463	5	198 126	72	92	828	393	5	131 53	78	VALLEY BLVD. & 300' N. OF LEMON AVE
													SEE F.B. 3710-221
2	163	847	464	5	194 132	62	105	129	406	5	136 74	62	
						134						140	
3	163	160	464	5	194 132	62	93	848	394	5	122 64	58	T = MALDONADO
						196						198	
4	175	027	476	5	210 140	70	104	388	405	5	139 69	70	RERUN
						266						268	
5	172	418	473	5	202 142	60	77	843	378	5	107 47	60	
						326						328	
6	166	295	467	5	197 135	62	62	957	363	5	92 32	60	
						388						388	
7	196	710	497	5	228 164	64	66	360	367	5	96 36	60	
						452						448	
8	182	467	483	5	206 158	48	81	098	382	5	106 56	50	
						500						498	
~~B.M. 11-97~~ 9	176	600	477	5	195 157	38	13~~3~~2	601	433	5	150 114	36	B.M. 11-97
						538 ✓						534	VALLEY BLVD. & CARREY RD.
B.M. 11-97												538	SEE F.B. 1376-87
	1558	627 ✓					817	052 ✓				1072	
	817	052											
	+741	575 ✓											

T = 88°

WEATHER LT. BRZE, SUNNY INST. NO. 96716

TIME 1:35 TO 2:15 ROD NO. 95496

NOTES CHKD. RCB DATE 6-7-71

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-18-71

INDEXED B.J. GALLI DATE

4111 ... 254

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-104A TO BM 11-103B
BM 11-104A				178				137	BM 11-104A (PUENTE L-12)
1	145	190	446 5	112 66	104	459	405 5	71 66	Valley Blvd., 697' E of Giano
				234				146	See F.B. 1376-92B Ave.
2	200	039	501 5	166 68	112	859	413 5	78 68	
				258 134				159 134	
3	224	602	525 5	190 68	124	581	425 5	89 70	
				249 202				141 204	BK. Re-Run
4	212	273	513 5	175 74	105	521	406 5	69 72	
				222 276				167 276	T. Siemann
5	187	681	488 5	152 70	133	503	434 5	99 68	
				227 346				156 344	
6	192	111	493 5	157 70	~~122~~ 121	935	422 5	86 70	
				220 416				78 414	
7	186	921	487 5	152 68	45	091	346 5	12 66	
				248 484				146 480	
8	241	911	542 5	234 14	138	426	439 5	130 16	
				498 ✓				496 ✓	
								498	
	1590	728 ✓			886	375 ✓		994 ✓	
	886	375							
	+ 704	353 ✓							
BM 11-103B									BM 11-103B (COVINA A-12 RESET)
									Valley Blvd, 439' E of LA SEDA
									See F.B. 1376-92A Rd.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. Dreier
NOTES BY Maldonado DATE 5-19-71
INDEXED G. J. GALLI DATE
WEATHER Sunny & Calm
TIME 9:00 to 9:45
NOTES CHKD RCB
INST. NO. 96716
ROD NO. 95E96
DATE 6-7-71
F.B. 4111 PG. 255
T-82°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-103B TO BM 11-104A
BM 11-103 B									BM 11-103B (COVINA A-12 RESE)
1	35	249	336 5	66 62 / 35½ 31	144	390	445 5	171 / 117 54	Valley Blvd, 439' E. of LA SEDA RD.
2	19	589	320 5	51½ / 19½ 62	213	849	514 5	244 / 182 62	See F.B. 1376-92 A
3	123	358	424 5	162 124 / 84 78	159	000	460 5	202 116 / 116 86	
4	127	477	428 5	159 202 / 95 64	209	892	510 5	241 204 / 177 64	Fwd. Re-Run
5	96	471	397 5	131 266 / 61 70	181	635	482 5	217 268 / 145 72	π-Siemann
6	71	810	372 5	103 336 / 39 64	189	349	490 5	221 340 / 157 64	
7	119	767	420 5	150 400 / 88 62	226	911	527 5	256 404 / 196 60	
8	153	266	454 5	172 462 / 134 38	126	320	427 5	143 464 / 109 34	
				500 ✓				49~~8~~6	
								500	
	746	987 ✓			1451	346 ✓		99~~8~~6	
					746	987		996	
					704	359 ✓			
BM 11-104A									BM 11-104A (PUENTE L-12) Valley Blvd, 697' E. of Giano Ave See F.B. 1376-92 B

F.B. 4111 PG. 256 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreger NOTES Maldonado 5-19-71

INDEXED C. J. GALLI DATE

T-84°

WEATHER Sunny & Calm INST. NO. 96716

TIME 9:50 to 10:35 ROD NO. 95&91

NOTES CHKD RCB DATE 6-7-71

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T-80 F.B. 4111 PG. 257

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

NOTES BY SIEMANN DATE 5-18-71 TIME 9:45 TO 9:50 ROD NO. 95494

INDEXED _____ DATE _____ NOTES CHKD _____ DATE _____

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	142	038	443 5	144 / 140 4	125	711	426 5	152 / 98 54	54 M- 4 M= 50 M=0. 20 mm
2	168	022	469 5	170 / 166 4	184	250	485 5	211 / 157 54	54 M- 4 M= 50 M=0. 20 mm
	310	060		8	309	961		108	
	309	921				040			
	+	139			-0.	mm		8	Curvature Corr.=0. 40 mm
					309	921		100	
					-				

(LINE 11 RERUNS IN F.B. 4111)

+ 0.013 mm= "C"

100 / 139

mm= "C"

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-82° F.B. 4111 PG. 259

SURVEY BY G. E. Dreier WEATHER Sunny & Calm INST. NO. 967 J

NOTES BY Maldonado DATE 5-19-71 TIME 8:50 ROD NO. 95 & 96

INDEXED DATE NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	157	860	458 5	159 155 4	142	879	443 5	169 115 54	54M- 4 M= 50 M=0.20 mm
2	162	442	463 5	164 160 4	177	358	478 5	204 150 54	54M- 4 M= 50 M=0.20 mm
	320	302		8	320	237		108	
	320	197				0.40 mm			
	+	1.05 mm			~~-0.~~	~~mm~~		8	Curvature Corr.=0.40 mm
					~~320~~	~~197~~		100	
					~~320~~	~~302~~			
					-	~~95~~			
	+	0.010		mm= "C"					
	100	1.050							
		100							
		50							
							mm= "C"		

(LINE 11 RERUNS IN F.B. 4111)

76P526B CE # 308 8/6

[redacted]

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
					2				
				−	2616.712			8240	−1483.345 .8140
				+	6.174			91	+1483.006 91
				−	6.910			3	−1483.440 3
					6.558			.273	+1483.132 .273
					2 6.354				.923
					6.588				.231
					± .273				± .273
					+.861				+ .504
					−.315				.958
									− .345 − .392 + .326
									− .440
									.785 + .066
									.006
									.132

23

67°

36
32
24

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

F.B. P

WEATHER _____ INST. NO

DATE _____ TIME _____ ROD NO.

DATE _____ NOTES CHKD _____ DATE _____