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

Survey of
JN Tape Std °F
Surveyed by
Notes Date
Indexed G. J. GALL

F.B. Pg.

Pg's. 5 thru. 54 LINE 61

Pg's. 55 thru. 74 BLANK

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

Survey of L.A. Co. Precise Level Net F. B. 4108 Pg. 5
JN 030102 Tape Sec. °F
Surveyed by J. Rondell
Notes Ana Maldonado Date Dec '70
Indexed

JOB NO. 030102

L.A. CO. PRECISE LEVEL NET

LEVEL LINE NO. 61

J. MALDONADO
R. ANDERSON
R. SIEMANN
R.J. RODRIGUEZ
T. McNIGHT
C. JOHNSON

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

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408 LOS ANGELES COUNTY ENGINEERING BLDG.

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787908 CE #30 8-68

F.B. 4108 Pg. 6

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76P526B CE # 308 8-59

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

SURVEY BY RANDALL WEATHER CLEAR INST. NO. 96716

NOTES BY SIEMANN DATE 12-23-70 TIME 8:00 TO 8:10 ROD NO. 23918

INDEXED [illegible] DATE [illegible] NOTES CHKD DATE

F.B. 4109 Pg. 23

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	150	711	451	5 152 148 4	188	681	489	5 215 161 54	54 M- 4 M= 50 M=0.020 mm
2	148 ~~110~~	861	449	5 150 146 4	110	961	411	5 137 83 54	54 M- 4 M= 50 M=0.20 mm
	299	572		8	299	642		108	
						040		8	
	+				-0.	mm			Curvature Corr.=0.40 mm
					299	602		100	
					279	572			
					-	030			
				mm= "C"					
						-	003 mm = "C"		
					100		030		

76P526B CE # 306 8-59

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

SURVEY BY Rodriguez Randall DATE 25 DEC 70 WEATHER Clear INST. NO. 96716

NOTES BY TIME 9:10 ROD NO. 26398

INDEXED C. J. GALL DATE JAN 12 74 NOTES CHKD DATE

F.B. 4108 Pg. 9

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	712	443	5 144/140 04	163	037	464	5 190/136 54	54 M- 4 M= 50 M=0.20 mm
2	136	140	437	5 138/134 04	115	887	416	5 192/88 54	54 M- 4 M= 50 M=0.20 mm
	278	852		08	278	924		108	
	+				-0.40 mm			-08	
					278	884		100	Curvature Corr.=0.40 mm
					278	852			
					-	032			
									T ANDERSON
				mm= "C"					
						0.0032 mm = "C"			
					100	0.320			
						300			
						20			

76P526B CE # 308 8-59

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

SURVEY BY RODRIGUEZ WEATHER Clear INST. NO. 96716

NOTES BY RODRIGUEZ DATE 29 DEC-70 TIME 8:40 TO 8:50 ROD NO. 239148

INDEXED G. J. GALLI DATE JAN 12 71 NOTES CHKD DATE

F.B. 4108 PG. 11

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	180	820	481 5	182 178 4	79	670	380 5	106 52 54	54 M- ~~50~~ 4 M= 50 M=0.20 mm
2	162	851	463 5	164 160 4	264	070	565 5	291 237 54	54 M- 4 M= 50 M=0.20 mm
	343	671		8	343	740		108	
						040		-08	
	+				-0.	mm		100	Curvature Corr.=0.40 mm
					343	700			
						671			
					-	029			
				mm= "C"					
	1								
						- 0.03 mm = "C"			
					100	029			

76P526B CE # 308 8-59

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

SURVEY BY Rodriguez NOTES BY Rinda DATE 30 Dec-70 WEATHER Hazy INST. NO. 96716

INDEXED Driscoll DATE 12-71 TIME 12:25 ROD NO. 239 & 13

NOTES CHKD DATE

F.B. 4108 Pg. 13

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	362	438	S 139 135 04	128	632	429	S 155 101 54	54 M- 4 M= 50 M=0.20 mm
2	147	580	448	S 149 145 04	156	465	457	S 183 129 54	54 M- 4 M= 50 M=0.20 mm
	284	942		08	285	097		108	
	+							-08	
					-0.40mm			100	Curvature Corr.=0.40 mm
					285	057			
					284	942			
					- 0	115			
									^ Anderson
				mm= "C"					
						0.0115 mm= "C"			
					100	1.15			
						100			
						5			

76P526B CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. ANDERSON
NOTES BY R. ANDERSON DATE 31-DEC. 70 WEATHER CLEAR & COOL TIME 13:50 INST. NO. 96716
INDEXED DATE NOTES CHKD DATE ROD NO. 213948
T = 78° F.B. 4108 PG. 15

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"								T SIEMANN
	NEAR ROD				FAR ROD				
1	149	255	450	5 151 / 147 4	81	781	382	5 108 / 54 54	54 M- 4 M=50 M=0.20 mm
2	164	125	465	5 166 / 162 4	231	600	532	5 258 / 204 54	54 M- 4 M= 50 M=0.20 mm
	313	380		8	313	381			
	313	341			-0.40 mm				Curvature Corr.=0.40 mm
	+	039			313	341			
		+ 0.004		mm= "C"					
	100	0.390							
								mm= "C"	

76P526B CE # 308 8/68

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

SURVEY BY Rodriguez

NOTES BY Randall

DATE 23 Dec 70

WEATHER Clear

INST. NO 96716

INDEXED G. Galli

DATE JAN 12 71

TIME 9:20

ROD NO 239 188

NOTES CHKD RCB

DATE

F.B. 4108 PG. 17

TE 54°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM31-15A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM31-15A TO BM31-14
1	135	349	436	5	166 104	62	189	801	490	5	220 158	62	BM31-15A
													Montery Pass Rd & Hse 736
2	131	215	432	5	172 90	82	180	076	481	5	221 139	82	F.B. 1397-241
						144						144	
3	42	429	343	5	83 1	82	272	200	573	5	1½ 272 231	82	T Siemann
						226						226	
4	33	551	334	5	1½ 75 33	84	294	784	595	5	1½ 294 250	88	
						310						314	
5	20	518	321	5	1½ 61 20	82	296	760	597	5	1½ 296 257	78	
						392						392	
6	19	190	320	5	1½ 41 19	44	291	408	592	5	1½ 291 273	36	
						436						428	
7	8	899	309	5	1½ 23 8	30	300	948	601	5	1½ 300 286	28	
						466						456	
8	27	301	328	5	37 17	20	291	290	592	5	1½ 291 277	28 ~~46~~	
						486						~~484~~ 504	
9	12	071	313	5	1½ 28 12	32	297	486	598	5	1½ 297 279	36	
						518						520	
10	111	051	412	5	120 102	18	218	245	519	5	225 211	14	
BM31-14						536						534	BM31-14
	541	574					2632998					536	Montery Rd @ Kern
							541574					1070	F.B. 1397-18
							-2091424						

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F.B. 4108 PG. 18 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RADDA NOTES RODRIGUEZ 29 DEC 70

INDEXED W. T. BALL DATE

WEATHER Partly Cloudy INST. NO. 96716

TIME 11:10 ROD NO. 213 JAB

NOTES CHKD. KB DATE

T = 60°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M 31-14 TO B.M. 31-15A
B.M-31-14									B.M 31-14
1	281	001	582	5	10	539	311	5	MONTEREY PASS RD. & KEARN
				303 259 44				1/2) 29 10 38	SEE F.B. 1397-18
2	279	406	580	5	7	308	308	5	
				291 267 24				1/2) 21 7 28	T Siemann
3	292	349	593	5	13	941	314	5	
				304 280 24				1/2) 28 13 30	
4	300	741	601	5	27	520	328	5	
				1/2 300 284 32				41 10 31	
5	298	007	599	5	45	160	346	5	
				1/2) 298 272 52				70 20 50	
6	266	649	567	5	60	120	361	5	
				300 232 68				92 28 64	
7	251	751	552	5	59	469	360	5	
				1/2) 251 221 60				89 29 60	
8	246	380	547	5	65	709	366	5	
				275 217 58				95 35 60	
9	219	669	520	5	148	568	449	5	
				249 189 60				178 118 60	
10	196	~~49~~ 459	497	5	136	350	437	5	
				230 162 68				171 101 70	
11	163	110	464	5	129	610	430	5	
				183 143 40				147 111 36	
BM 31-15A									BM 31-15A
								530 530 1060	MONTEREY PASS Rd & Hse
	+ 2795 ~~1~~ 522				- 704 294				#736
	- 704 294								F.B 1397-241
	~~414~~								
	+ 2091 ~~1~~ 228								

76P526B CE # 308 8/68

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

SURVEY BY Rodriguez Randall DATE 23-DEC-70 WEATHER Clear INST. NO 96714

NOTES BY TIME 10:30 ROD NO 2139 H.B.

INDEXED R. J. GALLI DATE JAN 12 71 NOTES CHKD RCB DATE

F.B. 4108 PG. 19

T=56°

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM 31-14											FROM BM 31-14 TO BM 31-12A
1	49	300	350	5	1½) 81 49 64	294	391	595	5	1½) 298 263 62	BM 31-14
											MONTERY Pass Rd @ KERN
2	11	584	312	5	1½) 42 11 62	293	770	594	5	1½) 293 261 64	F.B 1397-18
					126					126	
3	60	631	361	5	87 33 54	244	645	545	5	270 218 52	
					180					178	K Siemann
4	143	092	444	5	171 115 56	149	465	450	5	177 121 56	
					236					234	
5	184	065	485	5	224 144 80	129	807	430	5	171 87 84	
					316					318	
6	186	364	487	5	226 146 80	122	621	423	5	163 81 82	
					396					400	
7	201	890	502	5	236 166 70	96	024	397	5	129 63 66	
					466					466	
8	135	956	436	5	144 126 18	187	999	484	5	194 178 18	
					484 ✓					484 ✓	
BM 31-12A										484	BM 31-12A
	972882 ✓					518722 ✓				968 ✓	FLORAL DR & FORD Blvd
						972882					FB 1397-17
						-545840 ✓					

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F.B. 4108 PG. 20 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES Rodriguez 28 Dec 70

INDEXED G.J. GALLI DATE

T = 60°

WEATHER Cloudy - Rain INST. NO. 96716

TIME 14:45 ROD NO. 213AB

NOTES CHKD RLB DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From B.M. 31-12A to B.M. 31-14
B.M. 31-12A			5				~~5~~		B.M. 31-12A
1	214	380	515	236 192 44	188	242	489 5	210 166 44	FLORAL DR. & FORD BLVD.
			~~5~~				~~5~~		SEE F.B. 1397-17
2	103	072	404 5	140 66 74	196	979	497 5	232 160 72	
				162 118				206 116	T SIEMANN
3	126	695	427 5	90 72	172	895	473 5	138 68	
				173 190				231 184	
4	133	412	434 5	93 80	188	422	489 5	145 86	
				196 270				136 270	
5	160	055	461 5	124 72	100	051	401 5	69 72	
				282 342				70 342	
6	255	553	556 5	228 54	42	762	343 5	14 56	
				292 396				42 398	
7	267	409	568 5	242 50	17	590	318 5	1½ 17 50	
				446				448	
8	293	478	594 5	1½ 293 268 50	101	470	402 5	126 76 50	
				496				498	
	1554 054				1008 411			496	
	1008 411							994	BM 31-14
	+545 643								Monterey Pass Rd & Kern
									F.B. 1397-18

76P526B CE # 308 8/68

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

SURVEY BY Randall Randall WEATHER Clear INST. NO. 28716

NOTES BY Rodriguez DATE 23 DEC 70 TIME 11:10 To 11:35 ROD NO. 2339 MB

INDEXED C.L. Gall DATE JAN 16 NOTES CHKD KG3 DATE

F.B. 4108 PG. 21

E 62°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
BM31-12A							FROM BM 31-12A TO B.M. 61-1
1	165870	466 5	158 14 (172)	209 338	510 5	209 16 (217)	BM 31-12A
							Floral Dr & Ford Blvd
2	75180	376 5	66 18 (84)	233 391	534 5	224 18 (242)	F.B. 1397-17
							34
3	62338	363 5	52 20 (72)	250 548	451 5	240 20 (260)	π ~~Siemann~~ Rodriguez
			32				54
4	24032	325 5	9 30 (39)	300 862	601 5	284 32 (300)	
			52				86
5	35960	336 5	22 26 (48)	266 220	567 5	251 30 (281)	
			82				116
6	126812	427 5	92 68 (160)	121 351	422 5	94 60 (154)	
			108				176
7	180520	481 5	164 32 (196)	100 148	401 5	86 28 (114)	
			176				204 ✓
BM 61-1			208 ✓			208	B.M. 61-1
	670712 ✓			481858 ✓		412 ✓	FLORAL DR. & EASTERN AVE
				670712			SEE F.B. 2863-9
				811146 ✓			

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F.B. 4108 PG. 22 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES SIEMANN 12-28-70

INDEXED B. GALLI DATE

WEATHER SUNNY CLEAR INST. NO. 96716

TIME 2:10 TO 2:35 ROD NO. 2139AB

NOTES CHKD RDR DATE

T = 64°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From B.M. 61-1 to B.M. 31-12A
B.M. 61-1	5						B.M. 61-1
1	87 278	388 5	110 64 46	184 342	485 5	208 160 48	EASTERN AVE. & FLORAL DR.
							SEE F.B. 2863-9
2	129 402	430 5	158 100 58	73 061	374 5	104 42 62	
			104			110	
3	293 418	594 5	293 279 28	40 381	341 5	52 28 24	
			132			134	T = RODRIGUEZ
4	282 662	583 5	296 268 28	39 470	340 5	52 26 26	
			160			160	
5	279 208	580 5	293 265 28	33 340	334 5	46 20 26	
			188			186	
6	212 970	513 5	220 204 18	96 738	397 5	108 84 24	
			206			210	
7	163 328	464 5	168 158 10	169 750	470 5	172 166 6	
			216 ✓			216 ✓	
B.M. ~~34~~ 31-12A						216	B.M. 31-12A
	1448266 ✓			637 082 ✓		432 ✓	FLORAL DR. & FORD BLVD.
	637 082						SEE F.B. 1397-17
	+811 184 ✓						

76P526B CE # 308 8/68

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

SURVEY BY RANDALL

NOTES BY SIEMMAN

INDEXED R.L.G.

DATE 12-23-70

DATE 12-

WEATHER SUNNY

TIME 10:35 to 12:00

NOTES CHKD RCB

INST. NO 96716

ROD NO 21398

DATE

T-64

F.B. 2108 PG. 23

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 61-1 TO B.M. 61-2
B.M. 61-1							B.M. 61-1
1	224027	525 5	248 / 200 48	24530	325 5	48 / 0 48	EASTERN AVE. & FLORAL DR.
							SEE F.B. 2863-9
2	260052	561 5	271 / 249 22	26022	327 5	36 / 16 20	
						68	
3	295962	596 5	12.95 / 2.83 24	13362	314 5	26 / 0 26	
						94	
4	262138	563 5	268 / 256 12	42171	343 5	48 / 36 12	T: RODRIGUEZ
						106	
5	271680	572 5	278 / 264 14	46671	347 5	55 / 37 18	
						124	
6	206821	507 5	214 / 198 16	122780	423 5	128 / 116 12	
			136 ✓			136 ✓	
B.M. 61-2						136	B.M. 61-2
	1520680 ✓			275536 ✓		272 ✓	EASTERN AVE. & BLANCHARD ST
	275536						SEE F.B. 2863-9
	+1245144 ✓						

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F.B. 4108 Pg. 24 | JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES SIEMANN 12-28-70

INDEXED G.J. GALL DATE

WEATHER SUNNY, C. LEAR INST. NO 96716

TIME 1:45 TO 2:00 ROD NO 21354

NOTES CHKD RCB DATE

T = 64°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 61-2 TO B.M. 61-1
B.M. 61-2							B.M. 61-2
1	52 870	353 5	64 40 24	288 871	589 5	300 276 24	EASTERN AVE. & E. BLANCHARD ST.
							SEE F.B. 2863-9
2	42 958	343 5	50 34 16	299 820	600 5	299 291 16	
3	56 842	357 5	65 47 18 40	281 420	582 5	290 272 18 40	
4	10 021	311 5	21 -0 22 58	273 529	574 5	284 262 22 58	T = RODRIGUEZ
5	16 549	317 5	38 16 44 80	237 652	538 5	260 214 46 80	
6	127 501	428 5	137 117 20 124	170 588	471 5	180 160 20 126	
			144			146	
B.M. 61-1						144	B.M. 61-1
	306 741			551 880		290	EASTERN AVE. & FLORAL DR.
				306 741			SEE F.B. 2863-9
				- 245 139			

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY RANDALL

NOTES BY SIEMANN DATE 12-23-70 WEATHER CLR HR INST. NO 96716

INDEXED [illegible] DATE JAN 12 '71 TIME 120 TO 1:55 ROD NO 21378

NOTES CHKD [illegible] DATE

F.B. 4108 PG. 25

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 61-2 TO B.M. 61-2A
B.M. 61-2							B.M. 61-2
1	297 511	598 5	297 288 18	24 641	325 5	34 14 20	EASTERN AVE & E. BLANCHARD ST
							SEE F.B. 2863-9
2	289 579	590 5	289 275 28	84 401	385 5	98 70 28	
			46			48	
3	209 532	510 5	224 194 30	100 381	401 5	116 84 32	
			76			80	
4	226 240	527 5	243 209 34	18 732	319 5	33 3 30	T = RODRIGUEZ
			110			110	
5	245 999	546 5	253 237 16	35 792	336 5	43 27 16	
			126			126	
6	209 222	510 5	213 205 8	216 552	517 5	217 211 6	
			134 ✓			132 ✓	
B.M. 61-2A						134	B.M. 61-2A
	478083 ✓			480499 ✓		266 ✓	EASTERN AVE & HO.# 1020
	480499						SEE F.B. 3707-237
	+997584 ✓						

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F.B. 4108 Pg. 26 JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES SIEMANN 12-28-70

INDEXED G.T. GATO DATE

T = 64°

WEATHER SUNNY, CLEAR ST. NO 96716

TIME 1:20 TO 1:45 ROD NO 21394

NOTES CHKD RGB DATE

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 61-2A TO B.M. 61-2
B.M. 61-2A							B.M. 61-2A
1	95 582	396 5	99 91 8	151 079	452 5	155 149 8	EASTERN AVE. & HO.# 1020
							SEE F.B. 3707-237
2	34 870	335 5	42 26 16	203 698	504 5	216 190 26	
			24			34	
3	37 552	338 5	56 18 38	204 182	505 5	218 190 28	
			62			62	
4	78 492	379 5	99 57 42	298 800	599 5	298 278 40	T: RODRIGUEZ
			104			102	
5	25 822	326 5	37 13 24	199 070	500 5	211 187 24	
			128			126	
6	63 302	364 5	75 51 24	276 431	577 5	289 263 26	
			152 ✓			152 ✓	
B.M. 61-2						152	B.M. 61-2
	335 ~~4~~ 20 ✓			B 33 260 ✓		304 ✓	EASTERN AVE. & BLANCHARD ST.
	6			335 ~~4~~ 20			SEE F.B. 2863-9
				-997 ~~8~~ 40 ✓			
				6			

76P526B CE # 308 8/68

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

SURVEY BY RANDALL

NOTES BY SIEMANN

DATE 12-23-70

WEATHER CLEAR

TIME 1:55 TO 2:30

INST. NO 26716

ROD NO 21398B

INDEXED

DATE

NOTES CHKD RGB

DATE

T = 64°

F.B. 4108 PG. 27

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 61-2A TO B.M. 61-2C
B.M. 61-2A							B.M. 61-2A
1	218639	519 5	222 / 214 8	119942	420 5	124 / 114 10	EASTERN AVE. & HO.# 1020
							SEE F.B. 3707-237
2	275722	576 5	284 / 266 18	38020	339 5	48 / 28 20	
			26			30	
3	297810	598 5	297 / 286 22	41219	342 5	56 / 32 18	
			48			48	
4	298399	599 5	298 / 286 24	9320	310 5	20 / 9 22	
			72			70	
5	299849	600 5	299 / 287 24	13902	314 5	24 / 2 22	
			96			92	
6	285882	586 5	296 / 274 22	29218	330 5	42 / 16 26	26
			118			118	π = RODRIGUEZ
7	260342	561 5	270 / 250 20	54359	355 5	65 / 43 22	
			138			140	
8	300489	601 5	300 / 285 30	16591	317 5	32 / 0 32	
			168			172	
9	287519	588 5	302 / 272 30	24850	325 5	38 / 10 28	
			198			200	
10	299490	600 5	299 / 280 38	15951	313 5	30 / 212 36	
			236			236	
11	183432	484 5	181 / 180 6	133021	434 5	136 / 130 6	
			242 ✓			242 ✓	
B.M. 61-2C						242	B.M. 61-2C
	3007573 ✓			493393 ✓		484 ✓	EASTERN AVE. & P.P.# 4-105-A
	493393						SEE F.B. 3707-238
	+2514180 ✓						

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F.B. 4108 PG. 28 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RAUPPAL NOTES SIEMANN 12-28-70

INDEXED R.B. BALL DATE

WEATHER SUNNY, CLEAR INST. NO. 96716

TIME 11:40 TO 12:10 ROD NO. 21397A

NOTES CHKD RGD DATE

T: 64°

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 61-2C TO B.M. 61-2A
B.M. 61-2C							B.M. 61-2C
1	68 919	369 5	81 55 26	276 259	577 5	290 262 28	EASTERN AVE. & P.P.# 4-105 A
							SEE F.B. 3707-238
2	12 742	313 5	28 12 32	301 572	602 5	301 285 32	
			58			60	
3	16 589	317 5	32 0 32	274 262	575 5	290 258 32	
			90			92	
4	5381	306 5	24 2 5 38	301 259	602 5	301 282 38	
			128			130	
5	9960	310 5	23 2 9 28	297 161	598 5	297 284 26	T = RODRIGUEZ
			156			156	
6	14 392	315 5	26 2 24	292 139	593 5	292 280 24	
			180			180	
7	32 252	333 5	42 22 20	279 748	580 5	289 269 20	
			200			200	
8	44 030	345 5	54 34 20	279 412	580 5	289 269 20	
			220			220	
9	19 699	320 5	28 8 20	300 691	601 5	300 288 24	
			240			244 ✓	
10	69 732	370 5	76 62 14	205 549	506 5	210 200 10	
			254 ✓			254 ✓	
B.M. 61-2A						254	B.M. 61-2A
	293 696 ✓			2808052 ✓		508	EASTERN AVE. & HO# 1020.
				293 696			SEE F.B. 3707-237
				2514356 ✓			

76P526B CE # 308.8/68

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 61-2C TO B.M. 61-3
B.M. 61-2C							B.M. 61-2C
1	250800	551 5	260 240 20	97859	398	106 88 18	EASTERN AVE. & P.P. # 4-105-A
							SEE F.B. 3707-238
	97859					20	
	+152941 ✓					38 ✓	T=RODRIGUEZ
B.M. 61-3							B.M. 61-3 (RD. DEPT. MON)
							EASTERN AVE. & P.P. # 1925000E
							SEE F.B. 2863-10

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

SURVEY BY RANDALL WEATHER CLEAR INST. NO 96716

NOTES BY SIEMANN DATE 12-23-70 TIME 2:35 TO 2:40 ROD NO 21398

INDEXED DATE NOTES CHKD RGB DATE

F.B. 2108 PG. 29

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 61-3 TO B.M. 61-2C
B.M. 61-3									B.M. 61-3 (RD. DEPT. MON)
1	44	751	345	5 59 29 30	197	740	498	5 217 182 30	EASTERN AVE. & P.P.# 1925000 E
									SEE F.B. 2863-10
					44	751		30	
					-152	989	✓		T = RODRIGUEZ
								60 ✓	
B.M. 61-2C									B.M. 61-2C
									EASTERN AVE. & P.P.# 4-105-A
									SEE F.B. 3707-238

T = 64°

WEATHER SUNNY, CLEAR INST. NO. 767

TIME 11:35 TO 11:40 ROD NO. 2132

NOTES CHKD. RB DATE

F.B. 4108 PG. 30

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES SIEMANN 12-28-70

INDEXED G. GALLI DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY RANDALL WEATHER CLEAR INST. NO. 26716

NOTES BY SIEMANN DATE 12-23-70 TIME 1:40 TO 2:55 ROD NO. 137448

INDEXED G. GALLI DATE JAN 12 71 NOTES CHKD 160 DATE

F.B. 2108 PG. 31

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 61-3 TO B.M. 61-3A
B.M. 61-3									B.M. 61-3 (RD. DEPT MON)
1	295	519 ~~602~~	596 5	295 282 26	25 248		326 5	39 11 28	EASTERN AVE. & P.P. # 1925000E
									SEE F.B. 2863-10
2	268 900		569 5	281 255 26	26 122		327 5	39 13 26	
								54	
3	298 471		599 5	298 286 24	17 670		318 5	30 4 26	
				76				80	T = RODRIGUEZ
4	299 120		600 5½	299 287 24	6 098		307 5½	16 6 20	
				100				100	
5	200 051		501 5	204 196 8	102 659		403 5	105 99 6	
				108 ✓				106 ✓	
B.M. 61-3A								108	B.M. 61-3A
	1362061 ✓				177797 ✓			214	EASTERN AVE. & E. HAUCK ST
	177797								SEE F.B. 3707-241
	+ 1184264 ✓								

F.B. 4108 PG. 32 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES SIEMANN 12-28-70

INDEXED G. T. GALL DATE

T: 60

WEATHER SUNNY, 11:35 INST. NO 96716

TIME 11:15 TO CLEAR ROD NO 213948

NOTES CHKD KGB DATE

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 61-3A TO B.M. 61-3
B.M. 61-3A									B.M. 61-3A
1	153	533	454	5 158 148 10	220	152	521	5 225 215 10	EASTERN AVE. & HAUCK ST.
									SEE F.B. 3707-241
2	16	038	317	5 26 6 20 30	265	441	566	5 275 255 20 30	
3	36	729	337	5 46 26 20 50	243	138	544	5 252 234 18 48	
4	30	772	331	5 40 20 20 70	265	500	566	5 275 255 20 68	π = RODRIGUEZ
5	47	399	348	5 58 36 22 92	260	538	561	5 271 249 22 90	
6	25	669	326	5 38 12 26 118 ✓	239	640	540	5 252 226 26 116 ✓	
B.M. 61-3									118 B.M. 61-3
	310	140 ✓			494	409 ✓			234 EASTERN AVE. & P.P.* 1925000 E
					310	140			SEE F.B. 2863-10
					-1184	269 ✓			

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY RANDALL

NOTES BY SIEMANN

INDEXED W. J. GALLI

DATE 12-23-70

DATE JAN 12 71

WEATHER CLEAR

TIME 2:55 TO 3:00

NOTES CHKD RB

INST. NO. 26716

ROD NO. 21398

DATE

T = 62°

F.B. 4108 PG. 33

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 61-3A TO B.M. 61-3B
B.M. 61-3A							B.M. 61-3A
1	276590	5775	284 / 268 16	8441	3095	16 / 0 16	EASTERN AVE. & E. HADCK ST.
							SEE F.B. 3707-241
2	274000	5755	281 / 267 14 / 30	59209	3605	67 / 51 16 / 32	
3	258112	5595	270 / 246 24 / 54	128421	4295	140 / 116 24 / 56	T = RODRIGUEZ
4	120212	421 5	128 / 112 16 / 70 ✓	225240	5265	234 / 216 18 / 74 ✓	
B.M. 61-3B						70	B.M. 61-3B
	928914 ✓			421311 ✓		144	EASTERN AVE. & ROSLYN DR.
	421311						SEE F.B. 3707-243
	+507603 ✓						

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F.B. 4108 PG. 34 | JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES SIEMANN 12-28-70

INDEXED B.B. GALL DATE

WEATHER SUNNY, CLEAR INST. NO. 96716

TIME 11:00 TO 11:15 ROD NO. 2139AB

NOTES CHKD PLB DATE

T: 60°

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 61-3B TO B.M. 61-3A
B.M. 61-3B							B.M. 61-3B
1	234002	5355	246 / 22224	154772	4555	168 / 14028	EASTERN AVE. & ROSLYN DR.
							SEE F.B 3707-243
2	61140	3625	74 / 48 26	292368	5935	292 / 282 20	
			50			300 48	T- RODRIGUEZ
3	54397	3065	114 / 5 18	292261	5935	284 16	
			68			64	
4	87917	3885	94 / 80 14	156731	4575	163 / 149 14	
			82 ✓			78 ✓	
B.M. 61-3A						82	B.M. 61-3A
	388498 ✓			896132 ✓		160 ✓	EASTERN AVE. & HAUCK ST.
				388498			SEE F.B. 3707-241
				-507634 ✓			

76P526B CE # 308 8/68

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STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
B1761-3B	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM B1761-3B (T.B.M.) TO B1761-3C (T.B.M.#5)
1	40	548	341	5	48 32 16	247	003	548	5	255 239 16	B1761-3B
											EASTERN AV & ROSLYN DR
2	17	528	318	5	25 9 16	252	821	553	5	260 244 16	F.B. 3707-243
					32					32	
3	37	820	338	5	45 29 16	258	243	559	5	266 250 16	T ANDERSON
					48					48	
4	26	049	327	5	34 18 16	254	630	555	5	262 246 16	
					64					64	
5	23	812	324	5	32 14 18	219	762	520	5	228 210 18	
					82					82	
6	32	312	333	5	42 22 20	210	108	511	5	220 200 20	
					102					102	
7	77	679	378	5	88 66 22	185	529	486	5	197 173 24	
					124					126	
B1761-3C) 8	104	958	405	5	114 94 20	143	220	464	5	173 153 20	B1761-3C (T.B.M.) #5
					144					146	EASTERN AV & CITY TERRACE DR
	360	706				1791	316			144	F.B. 3707-245
						360706				290	
						1430610					

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

SURVEY BY Rondell

NOTES BY Rodriguez DATE 7 DEC 70 TIME 8:35 WEATHER Clear INST. NO. 2N-776

INDEXED G. J. GALLI DATE JAN 12 '71 NOTES CHKD RCB DATE ROD NO. 2155 AB

F.B. 4108 PG. 35

TE54

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F.B. 4108 Pg. 36 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY Rancell NOTES Rodriguez 28 Dec 70

INDEXED G.G. GALL DATE

WEATHER Clear & Cool INST. NO. 96716

TIME 10:30 ROD NO. 239146

NOTES CHKD. RGB DATE

T=56°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM61-3C (T.BM#5)									FROM BM61-3C (T.BM#5) TO BM61-3B (T.BM#4)
1	110	015	411 5	128 92 36	43	338	344 5	62 24 38	BM61-3C (T.BM#5)
									EASTERN AV & CITY TERRACE DR
2	224	121	525 5	233 215 18	54	192	355 5	63 45 18	F.B. 3707-245
				253 54				56	
3	243	443	544 5	232 20	28	317	329 5	37 19 18	^ ANDERSON
				292 74				74	
4	281	053	582 5	270 22	10	802	311 5	28 8 20	
				283 96				94	
5	275	503	576 5	267 16	15	798	316 5	24 6 18	
				261 112				112	
6	252	882	553 5	243 18	23	430	324 5	32 14 18	
				297 130				130	
7	285	800	586 5	273 24	66	352	367 5	28 54 24	
				154 ✓				154 ✓	
								154	
	1672	817 ✓			242	229 ✓		308 ✓	
BM61-3B (T.BM#4)	242	229							BM61-3B (T.BM #4)
	+1430	588 ✓							EASTERN AV & ROSLYN DR
									F.B. 3707-243

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Rendell NOTES BY R.J. RODRIGUEZ DATE 28 DEC-70 TIME WEATHER Clear INST. NO. 96716
INDEXED J. GALLI DATE 1-27-71 NOTES CHKD. DATE ROD NO. 2339 MB

F.B. 4108 PG. 37

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 61-3C							FROM BM 61-3C TO BM 61-4
1	115 528	416 5	145 85 60	193 278	494 5	223 163 60	BM 61-3C (T.BM) #5
							EASTERN AV & CITY TERRACE
2	34 085	335 5	99 19 30	214 502	515 5	229 199 30	DR
			90			90	F.B 3707-295
3	112 030	415 5	121 107 14	215 102	516 5	222 208 14	
			104 ✓			104 ✓	T ANDERSON
	263 643 ✓			622 882 ✓		104	
				263 643		208 ✓	
				359 239 ✓			BM 61-4
							EASTERN AV. & RODGERS E
							F.B 2863-11
			RERUN 1-3-71			T=56°	11:45 TO 12:00 CLEAR
BM. 61-3C							
1	95 571	396 5	122 68 54	168 591	469 5	194 142 52	
2	30 768	331 5	48 12 36	241 868	542 5	259 223 36	
			90			88	
3	92 193	393 5	100 84 16	167 444	468 5	176 158 18	
			106 ✓			106 ✓	T = MALDONADO
B.M. 61-4						106	BM. 61-4
	218 532 ✓			577 903 ✓		212 ✓	
				218 532			
				359 371 ✓			

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4108 PG. 38 | JOB NO. 0301.02 | SURVEY OF L.A. Co. PRECISE LEVEL NET | SURVEY BY Randall NOTES RODMAN 28 Dec 70 | INDEXED G. L. GALLI DATE | WEATHER Clear | TIME 9:55 | NOTES CHKD. LB | DATE | INST. NO. 9671 | ROD NO. 2818 | T=58°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM61-4									From BM61-4 To BM61-3C (T.B.M.S)
1	241	~~549~~ 634	5425	255 227 28	70	708	371 5	84 56 28	BM61-4
									Eastern Av & Rodgers
2	~~251~~ 282	073	5825	½) 282 251 62	92	660	393 5	122 62 60	F.B. 2863-11
									88
3	149	558	450 5	156 142 14	150	422	451 5	158 142 16	T Anderson
				104 ✓				104 ✓	
	673 265 ✓				313 790 ✓			104	
BM61-3C (T.B.M.S)	313 790							208 ✓	BM61-3C (T.B.M.S)
	+359 475 ✓								Eastern Av & City Terrace Dr.
									3707-245
1			RERUN		1-3-71	T=56		0	F.B. ~~2863-11~~
									12:00 TO 12:10 CLEAR
B.M. 61-4									B.M. 61-4
1	168	551	469 5	177 159 18	93	329	394 5	102 84 18	
2	262	673	563 5	282 242 40	43	661	344 5	65 21 44	T = Maldonado
				58				62	
3	134	291	435 5	159 109 50	69	125	370 5	91 47 44	
				108 ✓				106	
B.M. 61-3C								108	B.M. 61-3C
	565 515 ✓				206 115 ✓			216	
	206 115							214	
	+359 400 ✓								

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY RODRIGUEZ

NOTES BY BONDGIL DATE 28 DEC 70 WEATHER CLEAR INST. NO. 96716

INDEXED G.A. GALLI DATE 8/71 TIME 9:45 ROD NO. 2439 HB

NOTES CHKD KB DATE

F.B. 4108 PG. 39

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	
BM61-4									FROM BM61-4 TO BM61-4A
				244				221	BM 61-4
1	225	149	526	5	203	973	504	5	EASTERN AV & RODGERS
	203	973		206	38			185	36
								38	FB 2863-11
								74	
+	21	176							TT ANDERSON
									BM61-4A
									RODGERS AV & CONC-STEPS
									FB 3707-248

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F.B. 4108 PG. 40

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY Randall NOTES Rodriguez 28 Dec 70

INDEXED G.D. GALL DATE

JOB NO. 03 01.07

WEATHER Clear TIME 9:50 NOTES CHKD KB DATE

INST. NO. 96716

ROD NO. 239 HB

T-59°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM61-4A TO BM61-4
BM61-4A									
1.	200	712	501 5	218 182 36	221	918	522 5	240 202 38	BM61-4A
					200	712		36	~~Eastern Av.~~ & Rodgers
					-21	206		74	~~FB~~ AV & CONC-STEPS
					~~+ 21 206~~				FB 3707-248
					~~050~~				
									T ANDERSON
									BM61-4
									EASTERN AV & Rodgers
									FB 2863-11

76P526B CE # 308 8/68

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

SURVEY BY RANDALL

NOTES BY SIEMANN DATE 12-29-70 WEATHER SUNNY, CLEAR

TIME 1:15 TO 2:00 INST. NO 96716

INDEXED C. J. GALLI DATE NOTES CHKD RGB DATE ROD NO 213748

T = 24°

F.B. 4108 PG. 41

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 61-4A TO B.M. 61-5
B.M. 61-4A									B.M. 61-4A
1	37 020	338	5	53 21 32	293 470	594	5	½293 2280 26	ROGERS AVE. @ CONCRETE STEPS
									SEE F.B 3707-248
2	14 528	315	5	28 0 28	298 601	599	5	½298 2282 32	
				60					58
3	91 809	392	5	103 79 24	241 028	542	5	256 226 30	
				84					88
4	39 900	340	5	58 20 38	282 400	583	5	300 264 36	
				122					124
5	17 082	318	5	28 6 22	277 768	578	5	287 267 20	T = RODRIGUEZ
				144					144
6	8 871	309	5	½18 2 8 20	292 419	593	5	½292 2280 24	
				164					168
7	30 479	331	5	38 22 16	241 982	542	5	247 235 12	
				180					180
8	29 883	330	5	38 20 18	297 171	598	5	½297 2284 26	
				198					206
9	4 402	305	5	½15 4 22	252 691	553	5	259 245 14	
				220					220
10	17 021	318	5	27 7 20	295 921	596	5	½295 2284 22	
				240					242
11	19 440	320	5	32 6 26	253 330	554	5	268 238 30	
				266					272
12	20 901	321	5	38 2 36	299 851	600	5	½299 2284 30	
				302					302
13	61 951	362	5	76 46 30	146 259	447	5	161 131 30	B.M. 61-5
	393 287			332	472 891			332	RAMONA BLVD & L.B. FRWY UNDERCROSS
					393 287			332	SEE F.B. 2863-12
					79 604			664	

F.B. 4108 Pg. 42 JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY APPROX. NOTES ANDERSON DATE: 31-DEC., '70

INDEXED C.J. BARTT DATE

T = 76°

WEATHER CLEAR & CALM INST. NO. 9671

TIME 14:40 ROD NO. 2132

NOTES CHKD. RGB DATE

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
B.M. 61-5											From B.M. 61-5 To B.M. 61-AA
1	~~284 279~~		585	5	~~284 359 64~~	8	080	309	5	30 8½ 44	B.M. 61-5
	223	668	524	5	224 302 42				5	89	RAMONA BLVD. & L.B. FRWY UNDER-
					265						CROSSING. SEE F.B. 2836-12
2	255	378	556	5	245 20	78	418	379	5	67 22	
					305 62					34 66	
3	288	831	589	5	271 34	20	229	321	5	6 28	
					298 96					26 94	
4	287	263	588	5	276 22	15	320	316	5	4 22	T SIEMANN
					299 118					22 116	
5	299	840	600	5	288½ 22	10	739	311	5	10 24	
					303 140					24 140	
6	293	438	594	5	283 20	10	098	311	5	10½ 22	
					298 160					31 162	
7	298	749	599	5	288½ 20	21	617	322	5	11 20	
					300 180					38 182	
8	300	946	601	5	289½ 22	26	852	327	5	14 24	
					306 202					70 206	
9	292	631	593	5	278 28	57	942	358	5	44 26	
					295 230					106 232	
10	295	177	596	5	277½ 36	86	267	387	5	66 40	
					295 266					52 272	
11	274	480	575	5	253 42	35	720	336	5	18 34	
					297 308					40 306	
12	283	820	584	5	269 28	24	110	325	5	8 32	
					210 336					129 338	
13	204	364	505	5	198 12	123	751	424	5	117 12	
	3598	579 ✓			348	5191431 ✓				350 ✓	
B.M. 61-AA						3598.579				348	B.M. 61-A-A
					+	3079 436 ✓				698	ROGERS ET AL

76P526B CE # 308 8/66

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

SURVEY BY RANDALL

NOTES BY SIEMANN DATE 12-29-70 TIME 2:00 TO 2:40 ROD NO. 2137AB

INDEXED C.J. GALLI DATE 12-4 NOTES CHKD. RGB DATE

WEATHER SUNNY, CLEAR INST. NO. 96716

T = 62°

F.B. 4108 PG. 43

STATION	BACKSIGHT Right Mic.	Left.	Stadia	FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 61-5 TO B.M. 61-6
B.M. 61-5							B.M. 61-5
1	250 069	551 5	270 230 40	25 409	326 5	46 4 42	RAMONA BLVD. ℄ L.B. FRWY UNDERCROSS
							SEE F.B. 2863-12
2	241 351	542 5	254 228 26	73 271	374 5	88 58 30	
			66			72	
3	297 949	598 5	297 ½ 278 38	46 642	347 5	63 29 34	
			104			106	
4	275 862	576 5	296 254 42	70 042	371 5	90 50 40	
			146	211 752	512 5	246 174 146	
5	157 592	458 5	192 122 70	~~227 930~~	~~527 5~~	176 70	
			216			216	
6	115 539	416 5	146 84 62	100 740	401 5	132 68 64	π = RODRIGUEZ
			278			280	
7	301 382	602 5	301 ½ 281 40	68 552	369 5	88 48 40	
			318			320	
8	183 341	484 5	218 148 70	128 611	429 5	162 94 68	
			388			388	
9	296 720	597 5	230 ½ 263 66	37 178	338 5	70 4 66	
			454			454	
10	168 861	469 5	173 163 10	155 511	456 5	160 150 10	
			464 ✓			464 ✓	
B.M. 61-6						464	B.M. 61-6
	2288666 ✓			917708 ✓		928 ✓	RAMONA BLVD. W. OF PED. X-ING
	917708						SEE F.B. 2863-13
	+1370958 ✓						

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Do not extend notes this side of this line.

F.B. 4108 PG. 44 JOB NO. 0301.02

SURVEY OF L.A.C.O. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE: 31-DEC. '70

INDEXED B.H. GALLY DATE

WEATHER CLEAR & CALM INST. NO. 9671

TIME 14:00 ROD NO.

NOTES CHKD. KB DATE

T = 78°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 61-6 TO B.M. 61-5
B.M. 61-6							B.M. 61-6
1	86 424	387 5	117 55 62	291 430	592 5	281 261½ 60	RAMONA BLVD. W. OF PEDX. INC
							F.B. 2863-13
2	76 065	377 5	111 41 70	186 239	487 5	221 151 70	
3	102 120	403 5	129 75 54 132	300 034	601 5	300 273½ 54 130	
4	75 495	376 5	112 38 74 186	106 090	407 5	141 71 70 184	
5	197 471	498 5	228 166 62 260	139 688	440 5	168 110 58 254	T SIEMANN
6	13 719	314 5	38 13½ 50 322	283 438	584 5	283 252½ 62 312	
7	11 121	312 5	27 11½ 32 372	285 859	586 5	298 272 26 374	
8	18 229	319 5	38 18 ½40 404	282 737	583 5	302 262 40 400	
9	99 558	400 5	108 90 18 449	175 679	476 5	185 165 20 440	
			462 ✓			460 ✓	
B.M. 61-5						462	B.M. 61-5
	680 292 ✓			2051 194 ✓		922	RAMONA BLVD. & L.B. FR'WY UNDER-
				680 202			CROSSING. SEE F.B. 2863-12
				-1370 992 ✓			

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY RANDALL WEATHER SUNNY CLEAR INST. NO 96716

NOTES BY SIEMANN DATE 12-29-70 TIME 2:50 TO 3:30 ROD NO 21398

INDEXED G. GALL DATE 1-12-71 NOTES CHKD. TB DATE

F.B. 4108 Pg. 45

STATION	BACKSIGHT Right Mic.	Left.	Stadia	FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 61-6 TO B.M. 61-7
B.M. 61-6							B.M. 61-6
1	298 238	599 5	½ 298 / 225 86	47 581	348 5	9 6 / 4 88	RAMONA BLVD & W. OF PED. X-ING
							SEE F.B. 2863-13
2	296 520	597 5	½ 296 / 275 42	7 730	308 5	½ 28 / 7 42	
			128			128	
3	276 268	577 5	288 / 264 24	57 008	358 5	69 / 45 24	
			152			154	
4	265 931	566 5	278 / 252 26	11 742	312 5	½ 26 / 11 30	
			178			184	
5	293 772	594 5	½ 293 / 282 22	55 210	356 5	66 / 44 22	
			200			204	π = RODRIGUEZ
6	230 142	531 5	239 / 221 18	88 520	389 5	95 / 81 14	
			218			218	
7	295 479	596 5	½ 295 / 280 30	12 471	313 5	½ 26 / 12 28	
			248			248	
8	277 848	578 5	291 / 263 28	40 658	341 5	55 / 25 30	
			276			278	
9	294 749	595 5	294 / 271 46	67 760	368 5	91 / 43 48	
			322			324	
10	301 921	602 5	½ 301 / 272 58	83 581	384 5	110 / 56 54	
			380			388	
11	252 091	553 5	269 / 235 34	62 548	363 5	75 378 / 49 36	
			414 ✓			414 ✓	
B.M. 61-7						414	B.M. 61-7
	3082959 ✓			534809 ✓		~~830~~ 828 ✓	GARVEY AVE. 340' E. OF CASUDA CN
	534 809						SEE F.B. 2863-14
	+ 2548150 ✓						

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F.B. 4108 PG. 46 | JOB NO. 0301.02 | SURVEY OF L.A. CO. PRECISE LEVEL NET | SURVEY BY ANDERSON/DATE: 31-DEC.'70 | NOTES | INDEXED G.T. GALLT | DATE

T=76°

WEATHER CLEAR & COOL | INST. NO. 967 | TIME 13:05 | ROD NO. 21391 | NOTES CHKD. KGB | DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS From B.M. 61-7 To B.M. 61-6
B.M. 61-7				44				282	B.M. 61-7
1	28 660	329	5	28 ½ 32	266 930	567	5	250 32	GARVEY AVE. 340' ± E. OF
				103				295	CASUDA CN. DR. - SO. SIDE
2	69 834	370	5	35 68	295 036	596	5	260½ 70	F.B. 2863-14
				67 100				294 102	
3	48 512	349	5	48 ½ 38	276 215	577	5	258 36	
				30 138				294 138	
4	13 191	314	5	13 ½ 34	294 439	595	5	279½ 30	T SIEMANN
				24 172				296 168	
5	9 420	310	5	9 ½ 30	296 831	597	5	280 32	
				31 202				295 200	
6	17 331	318	5	3 28	295 609	596	5	280½ 30	
				28 230				293 230	
7	12 369	313	5	12 ½ 32	293 120	594	5	276½ 34	
				42 262				257 264	
8	27 051	328	5	12 30	242 591	543	5	227 30	
				53 292				276 294	
9	32 251	333	5	11 42	255 487	556	5	234 42	
				97 334				288 336	
10	64 010	365	5	31 66	288 853	589	5	255½ 66	
				158 400				224 402	
B.M. 61-6	148 490	449	5	138 20	214 049	575	5	204 20	B.M. 61-6
				420				422	ROMONA BLVD. - W. OF RED X ING
								420	F.B. ~~2863~~ 2863-13
	471 119				3019 160			842	
					471 119				
					-2548 041				

76P526B CE # 308 8/68

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

SURVEY BY Randall WEATHER Hazy INST. NO. 86716

NOTES BY Rodriguez DATE 30 DEC 70 TIME 8:20 ROD NO. 2139 MS

INDEXED G.L. GALL DATE NOTES CHKD KB DATE

F.B. 4108 PG. 47

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM61-7									FROM BM61-7 TO BM61-8
1	253	618	554 5	265 241 24	17	898	318 5	29 5 24	BM61-7
2	264	435	565 5	277 251 26	24	016	325 5	38 10 28	Garvey AV 340' east of
				50				52	Casudo ~~DR~~ Canyon Rd
3	234	773	535 5	247 221 26	52	730	353 5	65 39 26	F.B 2863-14
				76				78	
4	261	488	562 5	287 235 52	64	387	365 5	90 38 52	T Anderson
				128				130	
5	143	542	444 5	177 109 68	234	691	535 5	268 200 68	
				196				198	
6	45	113	346 5	62 28 34	244	748	545 5	261 227 34	
				230				232	
7	20	982	321 5	36 4 32	260	412	561 5	277 243 34	
				262				266	
8	21	371	322 5	34 4 30	263	722	564 5	275 251 24	
				292				290	
9	14	510	315 5	23 5 18	199	498	600 5	209 189 20	
				310				310	
10	42	600	343 5	55 29 26	255	948	554 5	268 242 26	+ 1441.861
				336				336	-2646.236
11	27	972	328 5	38 16 22	268	522	569 5	280 256 24	- 1204.375 V
				358				360	
12	12	380	313 5	1/2) 25 12 26	296	024	597 5	1/2) 296 282 28	
13	20	960	321 5	33 7 384	253	053	554 5	266 240 388	
				26				26	
~~14~~				410				414	
14	78	117	379 5	86 70 16	210	587	511 5	216 204 12	
				426 V				426 V	BM61-8
								426	Garvey AV & Coyote Pass RD
					2646	236 V		852 V	S.E. COR. Bridge
									F.B 2863-15

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WEATHER PTLY CLOUDY INST. NO. 96 71
TIME 10:45 TO 11:45 ROD NO. 21392
NOTES CHKD. 563 DATE
T = 84°

SURVEY OF L.A.CO. PRECISE LEVEL NET JOB NO. 0301.02
SURVEY BY BANDELL NOTES SIEMANN 12-31-70
INDEXED G.T. DATE

F.B. 4108 PG. 48

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS From B.M. 61-8 To B.M. 61-7
B.M. 61-8									B.M. 61-8
1	182	738	483	5 196 168 28	15	562	316	5 28 2 26	GARVEY AVE. & BR. # 53-123
									SEE F.B. 2863-15
2	259	597	560	5 270 248 22 50	13	120	314	5 26 0 26 52	
3	253	129	554	5 264 242 22 72	12	774	313	5 23 1 22 74	
4	271	380	572	5 282 260 22 94	37	558	338	5 46 28 18 92	
5	225	793	526	5 235 215 20 114	18	471	319	5 28 8 20 112	
6	221	542	522	5 231 211 20 134	21	212	322	5 32 10 22 134	
7	252	508	553	5 262 242 20 154	13	500	314	5 23 3 20 154	π = ANDERSON
8	245	393	546	5 257 233 24 178	55	882	356	5 65 45 20 174	
9	246	240	547	5 261 231 30 208	22	251	323	5 39 5 34 208	
10	267	442	568	5 227 230 74 282	136	360	437	5 172 100 72 280	
11	64	778	365	5 96 32 64	297	581	598	5 297 265 64	+2605.949
12	22	261	323	5 38 6 346 32 378	295	161	596	5 295 279 344 32 376	-1401.418
13	18	929	319	5 30 6 24 402	270	108	571	5 282 258 24 400	+1204.531 ✓
14	74	219	375	5 84 64 20 422 ✓	191	878	492	5 202 180 22 422 ✓	
B.M. 61-7								422	B.M. 61-7
	2605949 ✓				1401 418 ✓				

76P526B CE # 308 8/68

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

SURVEY BY Randall WEATHER Hazy INST. NO. 96716

NOTES BY Rodriguez DATE 30 DEC 70 TIME 9:25 ROD NO. 2132 HB

INDEXED G. L. GALL DATE 12-11 NOTES CHKD R.B. DATE

F.B. 4108 PG. 49

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM61-8													FROM BM61-8 TO BM31-17
1	25	084	326	5	35 / 15	20	247	542	548	5	256 / 238	18	BM61-8
													Garvey AV & Coyote Pass
2	11	150	312	5	23 / 11	24	252	490	553	5	264 / 240	24	Rd C.S.E. Cor bridge
												42	F.B 2863-15
3	34	062	335	5	48 / 20	44 / 28	221	362	522	5	235 / 207	28	
												70	T Anderson
4	64	533	365	5	94 / 34	72 / 60	197	590	498	5	230 / 164	66	
												136	
5	142	893	443	5	174 / 110	132 / 64	156	784	457	5	183 / 129	54	
												190	
6	120	725	421	5	155 / 85	196 / 70	237	578	538	5	275 / 199	76	
												266	
7	47	330	348	5	67 / 27	266 / 40	235	550	536	5	255 / 215	40	
												306	
8	37	777	338	5	67 / 7	306 / 60	184	773	485	5	215 / 153	62	
												368	
9	76	157	377	5	105 / 47	366 / 58	270	812	571	5	298 / 242	56	
												424	
10	24	570	325	5	48 / 0	424 / 48	167	522	468	5	194 / 140	54	
												478	
11	162	821	443	5	169 / 155	472 / 14	181	473	482	5	185 / 177	08	
						486 ✓						~~472~~	
												~~950~~ ✓	
BM31-17												486 ✓	BM 31-17
	747102 ✓						2353476 ✓					486	Garvey AV & Atlantic Blvd
							747102					~~472~~	S.E. Cor.
							-1606374 ✓					972 ✓	F.B 1397-21

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INST. NO. 9671 ROD NO. 29916 DATE

WEATHER Hazy TIME 1335 NOTES CHKD. TLB

T = 70°

JOB NO. 0301.02 NOTES Precise Level Net DATE 30 Dec 70

SURVEY OF L.A.C. SURVEY BY Randall INDEXED B.T. GALLI

F.B. 4108 Pg. 50

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM31-17									From BM31-17 To BM61-8
1	221	463	522 5	256 186 70	19	263	320 5	54 ½) 19 70	BM31-17
									Garvey @ Atlantic S.E. cor
2	271 ~~274~~	892	572 5	271 ½) 237 68	100	368	401 5	134 66 68	F.B 1397-21
3	183	062	484 5	202 164 38	86	492	387 5	104 68 138 36	T Anderson
4	283	032	584 5	283 ½) 252 176 62	3 ~~44~~	900	~~344~~ 5	73 13 179 60	
5	218	005	519 5	253 183 238 70	96	067	397 5	130 62 234 68	
6	156	442	457 5	190 122 308 68	124	342	425 5	160 88 302 72	
7	176	570	477 5	201 151 376 50	78	177	379 5	103 53 374 50	
8	211	660	512 5	225 197 426 28	58	436	359 5	71 45 424 26	
9	263	039	564 5	276 250 454 26	12	684	313 5	25 ½) 12 450 26	
10	268	987	569 5	278 258 480 20	27	928	328 5	39 15 476 24	
				500 ✓				500 ✓	
								500	
	2254152 ✓				537657 ✓			1000 ✓	
BM61-8	647657				64				BM61-8
	+1606495 ✓								Garvey Av & Coyote Pass Rd S.E. cor Bridge
									F.B 2863-15

76P526B CE # 308 8/68

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

SURVEY BY R. RANDALL

NOTES BY R. ANDERSON DATE 12-30-70 WEATHER CLEAR & COLD INST. NO. 26776

INDEXED C. L. GALL DATE JAN 12 71 NOTES CHKD KGB DATE ROD NO. 21398

T = 60°

F.B. 4108 PG. 51

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 31-17 TO B.M. 31-18
B.M. 31-17			204			155	B.M. 31-17
1	189 991	490 5	174 30	138 209	439 5	123 30	GARVEY AVE. & ATLANTIC
			218			80	BLVD. S.E. COR.
2	208 790	509 5	198 20	70 111	371 5	60 20	F.B. 1397-21
			286 50			126 50	
3	270 199	571 5	254 32	110 910	411 5	94 82	
			206 82			280 82	
4	169 480	470 5	132 74	241 512	542 5	202 78	T RODRIGUEZ
			111 156			238 160	
5	73 211	374 5	35 76	204 921	505 5	170 68	
			180 232			233 228	
6	141 580	442 5	102 78	192 190	493 5	151 82	
			177 310			222 310	
7	139 200	440 5	101 76	183 682	484 5	144 78	
			172 386			198 388	
8	143 729	444 5	114 58	168 441	469 5	138 60	
			174 444			180 448	
9	155 198	456 5	136 38	161 571	462 5	142 38	
			148 482			138 486	
B.M. 31-18	129 640	430 5	110 38	121 412	422 5	104 34	B.M. 31-18
			520			520	GARVEY AVE. & GARFIELD
	1621 018			1592 959		520	AVE. N.W. COR.
	1592 959					1040	F.B. 1397-22
	+28 059						

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F.B. 4108 PG. 52 | JOB NO. 0301.02 | SURVEY OF L.A. CO. PRECISE LEVEL NET | SURVEY BY RANDALL NOTES ANDERSON DATE 12-30-70 | INDEXED R. L. GALL | DATE | WEATHER SUNNY, HAZY | TIME 1:55 TO | NOTES CHKD KLS | DATE | INST. NO. 967 | ROD NO. 21394 | T = 68°

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS From B.M. 31-18 To B.M. 31-17
B.M. 31-18											B.M. 31-18
1	168	118	469	5	172 164 8	157	261	458	5	161 153 8	GARVEY AVE. & GARFIELD
											AVE. N.W. COR.
2	168	282	469	5	210 126 84	145	002	446	5	186 104 82	F.B. 1397-22
					92					90	
3	177	451	478	5	216 138 78	128	638	429	5	166 90 76	
					170					166	
4	151	889	452	5	151 110 82	110	261	411	5	149 71 78	
					252					244	
5	206	069	507	5	251 161 90	43	662	344	5	90 43 94	T = RODRIGUEZ
					342					338	
6	238	450	539	5	288 188 100	300	642	601	5	300 251 98	
					442					302 436	
7	48	078	349	5	62 34 28	284	451	585		266 ~~229~~ 36	
						~~319~~	~~682~~	~~520~~	~~5~~	~~209~~	
					470					472	
8	190	751	491	5	209 171 38	207	372	508	5	227 187 40	
					508 ✓					572 ✓	
B.M. 31-17										508	B.M. 31-17
	1349088 ✓					1377289 ✓				1020	GARVEY AVE. & ATLANTIC BLVD.
						1349088					SEE F.B. 1397-21
						28201 ✓					

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left	Mic.	Stadia	FORESIGHT Right	Mic.	Left	Mic.	Stadia	DESCRIPTION AND REMARKS
											FROM B.M. 31-18 TO B.M. 31-19
B.M. 31-18					178					154	B.M. 31-18
1	167	658	468	5	156 22	144	588	445	5	134 20	GARVEY AVE. & GARFIELD
					220					157	AVE. N.W. COR.
2	190	111	491	5	160 60	127	631	428	5	97 60	F.B. 1397-22
					242 82					159 80	
3	204	648	505	5	166 76	116	089	417	5	78 76	
					212 158					151 156	T RODRIGUEZ
4	190	262	491	5	168 44	127	551	428	5	103 48	
					164 202					193 204	
5	143	129	444	5	120 46	170	152	471	5	147 46	
					165 248					253 250	
6	125	741	426	5	85 80	213	078	514	5	173 80	
					192 328					260 330	
7	139	062	440	5	86 106	209	876	510	5	158 102	
					175 434					214 432	217
8	147	806	448	5	119 56	188	049	489	5	168 58	159
					490 ✓					490 ✓	
B.M. 21-19										490	B.M. 31-19
	308	411 ✓				297	008 ✓			980 ✓	EMERSON AVE. & ALHAMBRA
	297	008									AVE. S.E. COR.
	+ 11	403 ✓									F.B. 1397-23

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

SURVEY BY R. ANDERSON

NOTES BY R. ANDERSON DATE 30-DEC.-70 TIME 11:30 WEATHER CLEAR & COLD INST. NO. 96716 ROD NO. 2139

INDEXED DATE JAN 12 NOTES CHKD. RB DATE

T = 66°

F.B. 4108 PG. 53

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WEATHER HAZY SUN INST. NO. 9671
TIME 1:570 1:40 ROD NO. 2132
NOTES CHKD. RCB DATE

T = 70°

SURVEY OF L.A. Co PRECISE LEVEL NET JOB NO. 0301.02
SURVEY BY RANDALL NOTES ANDERSON 30-DEC. '70
INDEXED O.T. GATT DATE

F.B. 4108 PG. 54

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
B.M. 31-19							FROM B.M. 31-19 TO B.M. 31-18
1	197430	498 5	230 164 66	139049	440 5	172 106 66	B.M. 31-19 EMERSON AVE. & ALHAMBRA AVE. S.E. COR. F.B. 1397-23
2	205708	506 5	246 164 82	144102	445 5	184 104 80	
3	208598	509 5	208 148 168 80	123830	424 5	162 146 84 78	
4	173421	474 5	206 228 140 66	138372	439 5	171 224 105 66	T RODRIGUEZ
5	95962	396 5	138 294 52 86	203192	504 5	245 290 161 84	
6	78259	379 5	115 380 41 74	186178	487 5	186 374 2146 80	
7	137459	438 5	156 454 118 38	173430	474 5	189 464 157 32	
B.M. 31-18			492			486	
	1096837			1108153		492	B.M. 31-18 GARVEY AVE & GARFIELD AVE. SEE F.B. 1397-22
				1096837		978	
				11316			

Notes Ck'd by	Survey of L.A.Co. Precise Level Net	F. B. 4108 PG. 75
Map No.	JN 0301.02 Tape — Std — °F	
Office Work	Surveyed by RANDALL	
Checked	Notes " Date Jan. '71	
Date	Indexed C. J. GALLI JAN 13 71	

LOS ANGELES COUNTY

PRECISE LEVEL NET

RERUN:

PORTIONS OF

LINES 48 & 57

JAN. 1971

J. N. 0301.02

F.B. 1369
2834
3727

RANDALL
ANDERSON
RODRIGUEZ
LOVE
MITAHIRA

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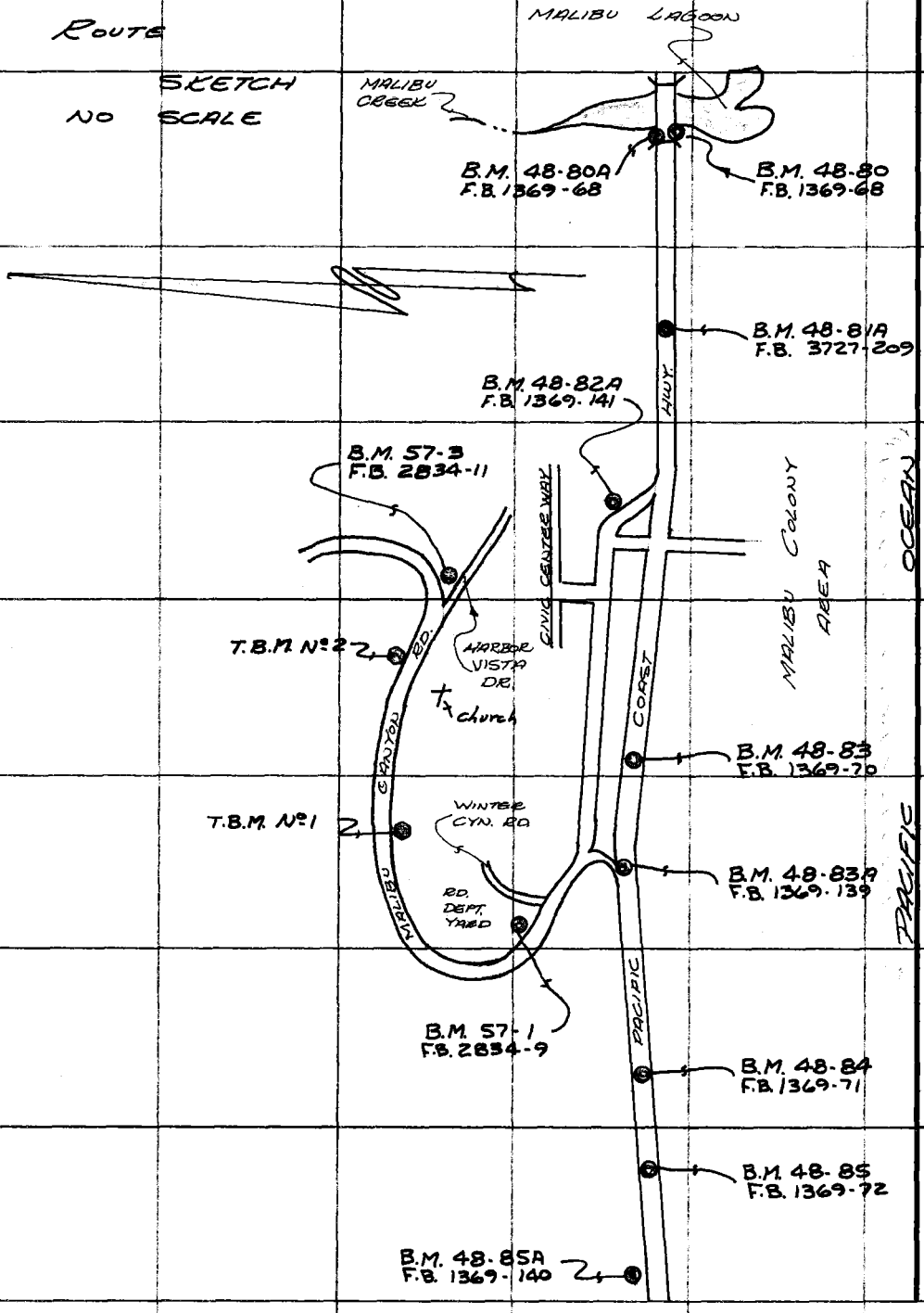
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F. B. 4108 PG. 76

ROUTE SKETCH
NO SCALE



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76P526B CE # 308 8/68

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

SURVEY BY Randall NOTES BY Randall DATE 6 Jan 1971 WEATHER Wind-Clear INST. NO. 75234

INDEXED C. J. GALLI DATE JAN 13 TIME 13:40 ROD NO. 213948

NOTES CHKD DATE

T=62°

F.B. 4108 PG. 77

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS From ____ To ____
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	135 047	436 5	137 133 4	127 032	428 5	154 100 54	54 M- 4 M= 50 M=0.20 mm
2	137 212	438 5	139 135 4	145 338	446 5	172 118 54	54 M- 4 M= 50 M=0.20 mm
	272 259		8	272 370		108	
				- 0.40 mm		8	
	+			-0. mm		100	Curvature Corr.=0.40 mm
				272 330			
				272 259			
				- 071			
	/		mm= "C"				
				0.007 mm= "C"			
				100 / 0.71			

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. RANDALL
NOTES BY R. RANDERSON DATE T-JAN. '71 WEATHER CLEAR/WINDY INST. NO. 75234
INDEXED C.J. GALLI DATE JAN 13 71 TIME 09:00 ROD NO. 21314-B
NOTES CHKD DATE

T = 56°

F.B. 4108 PG. 79

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM ____ TO ____
	DETERMINATION OF "C"								T RODRIGUEZ
	NEAR ROD				FAR ROD				
1	169 642	470 5	171 167	4	234 090	535 5	261 207	54	54 M- 4 M=50 M=0.20 mm
2	154 ~~90~~ 722	455 5	156 152	4	90 369	391 5	117 63	54	54 M- 4 M= 50 M=0.20 mm
	324 364			8	324 459			108 - 8	
	+				-0.40 mm			100	Curvature Corr.=0.40 mm
					324 419				
					324 364				
					- 0055				
			mm= "C"						
	1								
					- 0.005 mm = "C"				
					100 / 0.550				

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Randall
NOTES BY R. Rodriguez
DATE 8 Jan 71
WEATHER Clear
TIME 9:10
INST. NO. 75234
ROD NO. 139
INDEXED C.J. GMII
DATE JAN 13 71
NOTES CHKD
DATE
T = 60°
F.B. 4108 PG. 81

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
			DETERMINATION OF "C"				
	NEAR ROD			FAR ROD			
1	140 481	441 5	142 138 04	153 766	454 5	180 126 54	54 M-4 M=50 M=0.20 mm
2	136 693	437 5	138 134 04	123 549	424 5	150 96 54	54 M-4 M=50 M=0.20 mm
	277 174		08	277 315		108	
	2					-8	
	+			-0.40 mm		100	Curvature Corr.=0.40 mm
				277 275			↑ Anderson
				277 174			
				- 101			
			mm= "C"				
	1						
				0.01 ~~0.001~~ mm= "C"			
				100 / 1.01			

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. RANDALL
NOTES BY R. ANDERSON
DATE 11-1 JAN. '71
WEATHER OVERCAST, FOG
INST. NO. 75234
INDEXED G. J. GALLI
DATE JAN 13 '71
TIME 08:50
ROD NO. 2392-8
NOTES CHKD
DATE
T = 50°
F.B. 4108 PG. 83

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"				T RODRIGUEZ
	NEAR ROD			FAR ROD			
1	177 840	478 5	179 175 4	107 040	408 5	134 80 54	54 M- 4 M=50 M=0.20 mm
2	118 702	419 5	120 116 4	189 711	490 5	216 162 54	54 M- 4 M=50 M=0.20 mm
	296 542		8	296 751		108 8 100	Curvature Corr.=0.40 mm
	+			-0.40 mm			
				296 711			
				296 542			
				- 01.69			
			mm= "C"				
	1						
				- 0.017 mm = "C"			
				100 / 1.690			
				100			
				690			

76P526B CE # 308 8/68

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 48-80	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 48-80A TO B.M. 48-80A
1	117	512	418 5	106 22	31	912	332.5	21 20	B.M. 48-80
									So. Side P.C.H. Westend Bridge
Σ			5				5		F.B. 1369-68
B.M. 48-80A	117	512			31	912		20	T Anderson
Σ	31	912						22	B.M. 48-80A (U.S.C. & GS. C-1052)
	+ 85	600						42	No. Side P.C.H West end bridge
									F.B. 1369-68

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

SURVEY BY Randell

NOTES BY " DATE 6-Jan-71 WEATHER Wind - Clear INST. NO. 75234

INDEXED S. J. Gall DATE JAN 13 71 TIME 14:00 ROD NO. 21328AB

NOTES CHKD DATE

75-620

F.B. 4108 PG. 85

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	
BM 48-80A									FROM BM 48-80A TO BM 48-80
									BM 48-80A (U.S.C.&G.S C-1052)
1	4 35	152	335.5	44 24 20	119	752	420.5	130 108 22	No, side P.C.H West
					34	152		20	End bridge
								42	F.B 1369-68
					-85	600			
									T Anderson
									BM 48-80
									So, side P.C.H.
									West, end bridge
									F.B 1369-68

T=40°

WEATHER Part-windy INST. NO. 75234

TIME 11:50 ROD NO. 2134AB

NOTES CHKD. DATE

F.B. 4108 PG. 86 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 7 Jan 71

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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

SURVEY BY Randall WEATHER Wind-Clear INST. NO. 75234

NOTES BY " TIME 14:10 ROD NO. 2139 AB

INDEXED B.J. GALLI DATE 6-Jan-1971 NOTES CHKD DATE

DATE JAN 13 71 DATE

T=62°

F.B. 4108 PG. 87

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 48-80A TO B.M. 48-81A
B.M. 48-80A							
1	31 475	332 5	41 21 20	161 683	462 5	172 150 22	B.M. 48-80A (U.S.C.&G.S. C-1052) North Side. P.C.H. West end bridge
2	53 933	354 5	86 20 66	116 088	417 5	150 82 68	F.B. 1369-68
						90	
3	150 062	451 5	180 120 60	134 468	435 5	162 106 56	T Anderson
						146	
4	168 781	469 5	192 144 48	159 252	460 5	182 136 46	
	+ 404 251		194	571 491		192	
B.M. 48-81A				+ 404 251		194	B.M. 48-81A (Los Flores B-8)
				167 240		386	Center divider P.C.H. F.B. 3727-209

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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F.B. 4108 PG. 88 | JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 7 Jan 71

INDEXED G.L. GALLI DATE

WEATHER Fresh, Winds INST. NO. 75234

TIME 14:30 ROD NO. 213/145

NOTES CHKD DATE

T=60°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM 48-81A									FROM BM 48-81A TO BM 48-80A
									BM 48-81A (Los Flores B-8)
1.	150	972	451	5	157	372	458	5	CTR-DIVIDER P.C.H
				184 116 68				189 125 64	F.B 3727-209
2	112	013	413	5	182	813	483	5	
				141 83 58				212 152 60	
									T Anderson
3	176	658	477	5	78	928	379	5	
				202 150 52				104 52 52	
								124	
								176	
4	181	780	482	5	35	096	336	5	
				191 171 20				45 25 20	
								176	
	+ 621	423 ✓			454	209 ✓			
				178					
				198					
	- 454	209							
								196	
								198	
BM 48-80A	+ 167	214 ✓						394 ✓	BM 48-80A (U.S.C.&G.S)
									C-1052)
									No. Side P.C.H. West end
									bridge
									F.B 1369-68

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

SURVEY BY Randall " WEATHER Wind - Clear INST. NO. 75234

NOTES BY C. J. GALLI DATE 6-Jan-71 TIME 14:30 ROD NO. 2139A-B

INDEXED DATE JAN 13 71 NOTES CHKD DATE

Te 620 F.B. 4108 PG. 89

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
B.M. 48-81A	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA	FROM B.M. 48-81A TO B.M. 48-82A
			174				190	B.M. 48-81A (Los Flores B-8)
1	137 753	438 5	100	74	153 765	454 5	116	74 Center divider P.C.H.
								F.B. 3727-209
			157				191	
2	124 628	425 5	91	66	158 732	459 5	125	66 ⊼ Anderson
+	262 381 ✓			140	312497 ✓			140
B.M. 48-82A					+ 262 381 ✓			140
					- 50 116 ✓			280
								B.M. 48-82A
								E.C. CC 5
								F.B. 1369-141

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Do not extend notes this side of this line.

T=60°

WEATHER Fresh-winds INST. NO. 75234

TIME 14:00 ROD NO. 2371 HB

NOTES CHKD. DATE

F.B. 4108 PG. 90 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 7 Jan 71

INDEXED G. J. GALLI DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM 48-82A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 48-82A TO BM 48-81A
1.	160	802	461 5	194 126 68	123	387	424 5	162 84 78	BM 48-82A
									EC CC5
2	150	107	451 5	179 121 58	101	592	402 5	125 77 48	F.B 1369-141
3	138	725	439 5	145 126 131 14	174	875	475 5	181 126 147 14	⊤ ANDERSON
	+ 449	634 ✓		140	- 399	854 ✓		~~126~~ ~~252~~ 140 ✓	
	- 399	854							
BM 48-81A	+ 49	780 ✓						140 280	BM 48-81A (Los Flores B-8) CTR. DIVIDER P.C.H. F.B 3727-209

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.

RERUN

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
BM 48-81A	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA	FROM B.M. 48-81A TO B.M. 48-82A
								BM 48-81A (L.F. B-8)
1.	137 226	438 5	174 100	74	153 465	454 5	190 116	74 CTR. DIVIDER P.C.H.
								F.B. 3727-209
2.	144 572	445 5	174 114	60	178 370	479 5	209 147	62
	+ 281 798			134	+ 331 835			136 ✓ T ANDERSON RERUN
3.					+ 281 798			134
					50 037 ✓			270 ✓
BM 48-82A								B.M. 48-82A
								EC CC 5
								F.B 1349-141

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

SURVEY BY Randall

NOTES BY S.J. GALLI

DATE 8 JAN 71

WEATHER Clear

TIME 9:25

INST. NO. 75234

ROD NO. 2391148

INDEXED

DATE JAN 13 71

NOTES CHKD

DATE

F.B. 4108 PG 91

Field

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Do not extend notes this side of this line.

RERUN

INST. NO. 25234 ROD NO. 25244 DATE

WEATHER Clear TIME 9:35 NOTES CHKD

T=60°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
BM 48-82A							From BM 48-82A To BM 48-81A
1	176 365	477 5	207 145 62	142 748	443 5	173 111 62	BM 48-82A
							EC CC 5
2.	156 660	457 5	194 118 76	140 308	441 5	178 102 76	F.B 1369-141
	+ 333 025 ✓		138 ✓	~~283 025~~		138 ✓	
	- 283 056			283 056 ✓		138	T Anderson
	+ 49 969 ✓					276 ✓	RERUN
BM 48-81A							BM 48-81A (C.L.E. B-8)
							CTR. DIVIDER. P.C.H.
							F.B 3728-209.

F.B. 4108 PG. 92 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY NOTES Rodriguez 8 Jan 71

INDEXED G. J. GALLI DATE

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 48-82A									FROM B.M. 48-82A TO B.M. 48-83
1	165	192	466 5	300 130 70	126	248	427 5	141 91 70	B.M. 48-82A
									E.C. CCS
2	158	282	459 5	178 138 40	39	903	340 5	60 18 42	F.B. 1369-141
				110				112	
3	203	101	504 5	214 192 22	52	264	353 5	62 42 20	T Anderson
				132				132	
4	249	498	550 5	262 236 26	10	830	311 5	24 ½) 10 28	
				158				160	
5	265	644	566 5	275 255 20	15	132	316 5	25 5 20	
				178				180	
6	273	118	574 5	281 265 16	16	443	317 5	26 6 20	
				194				200	
7	241	778	542 5	248 234 14	118	403	419 5	122 114 8	
				208				208	B.M. 48-83 (Los Flores A-8)
8	190	642	491 5	194 186 8	109	102	410 5	113 105 8	Center Divider P.C.H.
	+ 1747	255 ✓		216 ✓	488	325 ✓		216 ✓	F.B. 1369-70
B.M. 48-83	488	325						216	
	+ 1258	930 ✓						432 ✓	

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

SURVEY BY Reynolds

NOTES BY "

INDEXED G. J. GALLI

DATE Jan 13 '71

DATE

TIME 14:45

NOTES CHKD

DATE

WEATHER Clear Wind

INST. NO. 75534

ROD NO. 21394AB

T = 64°

F.B. 4108 PG. 93

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4108 PG. 94 JOB NO. 030.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Equipment 7-JAN 21

INDEXED [illegible] DATE

WEATHER Clear & Warm INST. NO. 75-234

TIME 1330 ROD NO. [illegible]

NOTES CHKD DATE

T=60°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 48 83									FROM BM 48 83 TO BM 42 82 A
1	67	028	368 5	74 60 14	218	600	519 5	245 211 34	BM 48 83 (LOS FLORES A-8)
									~~E.C.C.C.~~ CTR DIVIDER
2	14	708	315 5	28 6 14	243	901	544 5	251 235 16	~~F.B. 1369-141~~ P.C.H.
				30				266 30	F.B. 1369-70
3	17	558	318 5	26 8 18	257	882	558 5	248 18	T ANDERSON
				48				48	
4	29	519	330 5	38 20 18	230	360	531 5	238 222 16	
				66				64	
5	38	078	339 5	50 26 24	224	832	525 5	234 212 24	
				90				88	
6	45	128	346 5	60 30 30	212	090	513 5	227 197 30	
				120				118	
7	113	448	414 5	140 86 54	169	863	470 5	196 142 54	
				174				172	
8	137	872	458 5	156 118 38	165	150	466 5	185 145 40	
	+ 463	539 ✓		212	1722	678 ✓		212 ✓	
BM 42 82 A					+ 463	539		212	BM 42-82 A
					- 1259	139 ✓		424	E.C.C.C.
									F.B. 1369-141

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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RECUN

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

SURVEY BY Rodriguez Randall

NOTES BY R.L. GAI

DATE 8 Jan 71

INDEXED

DATE JAN 13 71

WEATHER Clear

TIME 9:55

INST. NO. 35234

ROD NO. 23966

NOTES CHKD

DATE

F.B. 4108 PG. 95

TE 620

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 48-82A													From B.M. 48-82A To B.M. 48-83
1.	161	702	462	5	186 136	50	116	172	417	5	191 91	50	BM 48-82A
													E.C. CCS
2.	154	772	455	5	182 126	56	62	870	363	5	89 35	54	F.B 1369-141
						106						104	
3.	234	580	535	5	249 219	30	14	587	315	5	1½) 30 14	32	T ANDERSON RECUN
						136						136	
4.	252	270	553	5	265 239	26	10	434	311	5	1½) 23 10	26	
						162						162	
5.	290	022	591	5	301 279	22	11	482	312	5	1½) 22 11	22	
						184						184	
6.	263	393	564	5	272 254	18	21	984	322	5	30 12	18	
						202						202	
7	221	910 879	522	5	227 215	12	82	290	383		88 76	12	
	+ 1578	649 ✓				214 ✓	319	819 ✓				214 ✓	
BM 48-83	- 319	819										214	BM 48-83 (Los Flores A-8)
	+ 1258	830 ✓										428 ✓	Center divider P.C.H.
													F.B 1369-70

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

RERUN

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM48-83									FROM BM48-83 TO BM48-82A
1	40	038	341 5	31 (49) 18	251	978	552 5	242 (260) 18	BM 48-83 (L as Flores 1-8) Center Divider P.C.H.
2.	13	558	314 5	5 (21) 16	253	192	554 5	245 (261) 16	F.B 1369-70
				34				34	
3	31	878	332 5	23 (39) 16	249	638	550 5	240 (258) 18	T ANDERSON RERUN
				50				52	
4	~~249~~ (35)	303	336 5	26 (44) 18	232	216	533 5	224 (240) 16	
				68				68	
5	43	832	344 5	31 (55) 14	209	838	510 5	198 (220) 22	
				82				90	
6	41	300	342 5	24 (58) 34	199	845	500 5	186 (212) 26	
				116				116	
7	128	788	429 5	105 (151) 46	175	790	476 5	162 (198) 46	
				162				162	
8.	141	073	442 5	120 (162) 42	162	443	463 5	141 (183) 42	
	+ 475	769		204	1734	940		204 ✓	
		70			+ 475	769 70		204	BM 48-82A
BM 42-82A					1259	178 0		408	EC CC5
									F.B. 1369-141

WEATHER Clear TIME 10:40 NOTES CHKD

INST. NO. 75239 ROD NO. 235 DATE

T= 620

F.B. 4108 PG. 96 JOB NO. 0801.02

SURVEY OF L.A. Co Precise Level Net

SURVEY BY Rodriguez 8 Jan 70 NOTES

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.

RERUN

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON

INDEXED J. GALLI

DATE 8-JAN. 71

DATE JAN 13 71

WEATHER CLEAR & CALM

TIME 11:30

NOTES CHKD

INST. NO. 75234

ROD NO. 213848

DATE

T = 54°

F.B. 4108 PG. 97

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 48-82A TO B.M. 48-83
B.M. 48-82A			190			137	B.M. 48-82A
1	163 422	464 5	136 54	110 302	411 5	83 54	E.C. CC5
			198			104	F.B. 1369-141 C.E. MON.
2	172 008	473 5	146 52	78 902	379 5	52 52	
	551		300 106			33 106	
3	300 ~~561~~	601 5	280½ 40	13 300	314 5	13½ 40	T RODRIGUEZ
			291 146			31 146	RERUN
4	280 802	581 5	269 22	20 508	321 5	9 22	
			292 168			24 168	
5	292 732	593 5	282½ 20	14 002	315 5	4 20	
			298 188			32 188	
6	298 960	599 5	288½ 20	22 351	323 5	12 20	
			164 208			159 208	
7	162 588	463 5	160 4	152 658	453 5	150 4	
	+1671 063 ✓		212	-412 023 ✓		212	
B.M. 48-83	-412 023					212	B.M. 48-83 (LAS FLORES A-8)
	+1259 040 ✓					424	CENTER DIVIDER P.C.H.
							F.B. 1369-70

F.B. 4108 PG. 98 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM TO
		(Re) No Run Made this direction					

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 48-83 TO B.M. 48-83A
B.M. 48-83	276	101	577	5 283 269 14	31	190	332	5 29 23 16	B.M. 48-83 (LAG FLORES A-8) CENTER DIVIDER P.C.H.
				298				28	
2	288	009	589	5 278 20	19	489	320	5 10 18	
				298 34				48 34	F.B. 1369-70
3	298	118	599	5 289 ½ 18	40	262	341	5 32 16	
				299 52				26 50	T RODRIGUEZ
4	299	050	600	5 290 ½ 18	17	789	318	5 8 18	
	+ 1161	278 ✓		70	108	730 ✓		68 ✓	
B.M. 48-83A	- 108	730						70	B.M. 48-83A
	+ 1052	548 ✓						138	CENTER DIVIDER P.C.H.
									F.B. 1369-139 C.E. DISK

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

SURVEY BY U. PANDALL WEATHER CLEAR & WINDY INST. NO. 75234

NOTES BY P. ANDERSON DATE 7-JAN-71 TIME 09:10 ROD NO. 2139 A-B

INDEXED G. J. GALLI DATE JAN 13 71 NOTES CHKD DATE

T = 58°

F.B. 4108 PG. 99

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4108 PG. 100 | JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY RANDALL NOTES ANDERSON / DATE: 7-JAN. 71

INDEXED G. J. GALL DATE

WEATHER CLEAR, WINDY INST. NO. 75231

TIME 11:40 ROD NO. 2139HB

NOTES CHKD DATE

T = 58°

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
											FROM B.M. 48-83A TO B.M. 48-83
B.M. 48-83A					40					299	B.M. 48-83A
1	29	789	330	5	18 22	288	880	589	5	277 22	CENTER DIVIDER P.C.H.
					26					298	F.B. 1369-139
2	16	712	317	5	6 20	298	022	599	5	288½ 20	
					24 42					297 42	T RODRIGUEZ
3	16	620	317	5	8 16	297	762	598	5	288½ 18	
					54 58					284 60	
4	46	438	347	5	38 16	277	432	578	5	270 14	
	+ 109	559 ✓			74	1162	096 ✓			74	
B.M. 48-83						+ 109	559			74	B.M. 48-83 (LAS FLORES A-B)
						1052	537 ✓			148	CENTER DIVIDER
											F.B. 1369-70

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY J. R. ANDERSON

NOTES BY R. ANDERSON

DATE 7-1 AM, '71

WEATHER CLEAR, WINDY

INST. NO. 75234

INDEXED C. J. GALLT

DATE 1-13-71

TIME 09:30

ROD NO. 2139 A.B.

NOTES CHKD

DATE

DATE

F.B. 4108 PG. 101

T = 58°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 48-83A TO B.M. 48-84
B.M. 48-83A				292				38	B.M. 48-83A
1	292	502	593 5	282½ 20	29	461	330 5	20 18	CENTER DIVIDER P.C.H.
				299				34	F.B. 1369-139 C.E. DISK
2	299	468	600 5	289½ 20	24	772	325 5	14 20	
				298 40				21 38	T RODRIGUEZ
3	298	868	599 5	288½ 20	10	560	311 5	10½ 22	
				296 60				14 60	
4	296	581	597 5	286½ 20	5	592	306 5	5½ 18	
				298 80				27 78	
5	298	070	599 5	288½ 20	17	738	318 5	7 20	
				296 100				30 98	
6	286	020	587 5	276 20	20	680	321 5	10 20	
				292 120		098		26 118	
7	292	772	593 5	282½ 20	16	~~422~~	317 5	6 20	
				295 140				25 138	
8	295	710	596 5	285½ 20	15	959	316 5	5 20	
				296 160				62 158	
9	296	721	597 5	286½ 20	50	298	351 5	38 24	
	+2656	712		180	-191	158		182	
B.M. 48-84	-191	158						180	B.M. 48-84
	+2465	554						362	CENTER DIVIDER P.C.H.
									F.B. 1369-71

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.

F.B. 4108 PG. 102 | JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Anderson/DATE: 7-JAN. '71

INDEXED [redacted] GALL DATE

WEATHER CLEAR/WINDY INST. NO. 7534

TIME 11:30 ROD NO. 2134/2

NOTES CHKD DATE

T = 52°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From B.M. 48-84 To Bm 48-83A
B.M. 48-84			60			296	B.M. 48-84 (
1	49 840	350 5	38 22	286 641	587 5	276 20	CENTER DIVIDER P.C.H.
			15			295	F.B. 1369-71
2	5 679	306 5	5 ½ 20	295 549	596 5	289½ 22	
			29 42			298 42	T = RODRIGUEZ
3	19 372	320 5	9 20	298 182	599 5	288½ 20	
			36 62			280 62	
4	27 660	328 5	18 18	271 112	572 5	262 18	
			23 80			301 80	
5	13 861	314 5	3 20	301 461	602 5	291½ 20	
			31 100			301 100	
6	22 642	323 5	13 18	292 148	593 5	283 18	
			22 118			295 118	
7	12 101	313 5	2 20	295 672	596 5	285½ 20	
			26 138			300 138	
B.M. 48-83A	16 292	317 5	6 20	291 962	592 5	282 18	B.M. 48-83A C.E. DISK
			22 158			301 156	CENTER DIVIDER P.C.H.
	12 232	313 5	2 20	301 338	602 5	290½ 22	F.B. 1369-139
	171		173 178			185 178	
	~~172~~ 979	472 5	~~169~~ 4	183 171	484 5	181 4	
	+ 351 658		182	2817 236		182	
				+ 351 658		182	
				- 2465 578		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 J. RANDALL R. ANDERSON C. J. GALLI DATE 7-14-71 WEATHER CLEAR & WINDY INST. NO. 752.34

NOTES BY DATE TIME 16:05 ROD NO. 2139-A-B

INDEXED DATE NOTES CHKD DATE

T = 60°

F.B. 4108 PG. 103

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 48-84 TO B.M. 48-85
B.M. 48-84							B.M. 48-84
1	300 020	601 5	300 290 1/2 20	39 309	340 5	49 29 20	CENTER DIVIDER P.C.H.
			272			65	F.B. 1369-71
2	262 330	563 5	252 20	55 632	356 5	45 20	
			294 40			79 40	
3	294 922	595 5	277 1/2 34	63 810	364 5	47 32	T RODRIGUEZ
			258 74			72	
4	~~241 122~~	~~542 5~~	~~224 34~~	~~113 500~~	~~414 5~~	127	
	237 688	538 5	252 30	110 140	411 5	93 34	
B.M. 48-85			222 104			106	B.M. 48-85 (SOR. CN. L-8)
	+ 1094 960			- 268 891		104	CENTER DIVIDER P.C.H.
	- 268 891					210	F.B. 1369-72
	+ 826 069						

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4108 PG. 104 | JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY RANDOLPH NOTES ANDERSON DATE 17-JAN, '71

INDEXED B.J. GAITT DATE

WEATHER CLEAR & WINDY TIME 10:45 NOTES CHKD DATE

INST. NO. 75231 ROD NO. 2139A

T-60°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 48-85 TO B.M. 48-84
B.M. 48-85	048		55			298	B.M. 48-85 (SOL. CN. L-8)
1	28 ~~1~~	329 5	28 ½ 54	298 681	599 5	270½ 56	CENTER DIVIDER P.C.H.
			76			296	F.B. 1369-72
2	65 292	366 5	54 22	284 632	585 5	272 24	T = RODRIGUEZ
			44 76			293 80	
3	30 559	331 5	16 28	293 448	594 5	281 ½ 24	
			133 104			206 104	
4	131 070	432 5	129 4	204 340	505 5	202 4	
	+ 254 969 ✓		108 ✓	1081 101 ✓		108 ✓	
				- 254 969		108	
B.M. 48-84				- 826 132 ✓		216 ✓	B.M. 48-84
							CENTER DIVIDER P.C.H.
							F.B. 1369-71

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 48-85 TO B.M. 48-85A
B.M. 48-85			270			239	B.M. 48-85 (SOL. CN. L-8
1	207 591	508 5	184 46	239 038	540 5	24 ½ 50	CENTER DIVIDER P.C.H.
				207 591		46	F.B. 1369-72
~~2~~		~~5~~		-31 447		96	A=RODRIGUEZ
~~B.M.~~ ~~3~~		~~5~~					
B.M. 48-85A							B.M. 48-85A (U.S.C.&G.S. D-1052
~~4~~		~~5~~					P.C.H. HEADWALL
							F.B. 1369-140

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

SURVEY BY V. RANDALL

NOTES BY R. RANDERSON DATE 7-JAN-71 TIME 1930 WEATHER CLEAR & WINDY INST. NO. 752331

INDEXED C. J. GALLI DATE JAN 13 71 NOTES CHKD DATE ROD NO. 239 A.B.

T = 60°

F.B. 4108 PG. 105

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

T = 60°

WEATHER CLEAR & WINDY INST. NO. 7523

TIME 10:35 ROD NO. 2189A

NOTES CHKD. _____ DATE _____

F.B. 4108 PG. 106 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY RANDOLPH NOTES RANDOLPH DETAIL 7-Jan-71

INDEXED G. H. GALLY DATE _____

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 48-85A TO B.M. 48-85
B.M. 48-85A							B.M. 48-85A (U.S.C.&G.S. D-1052)
			237			230	P.C.H. IN HEADWALL
1	237 660	538 5	212 1/2 50	206 169	507 5	182 48	F.B. 1369-140
	206 169					50	T = RODRIGUEZ
	+ 31 491 ✓					98 ✓	
B.M. 48-85							B.M. 48-85 (SOL. CN. L-8)
							P.C.H. CENTER DIVIDER
							F.B. 1369-72

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
B.M. 48-83											FROM B.M. 48-83 TO B.M. 57-1
1	~~300~~	~~638~~	~~601~~	5	~~300~~ ~~292~~ ½ ~~32~~	8 589	309	5	8	26	B.M. 48-83 (LAS FLORES A-8)
	+292	399	593	5	278 ½ 28			25	34		CENTER DIVIDER P.C.H.
2	289	891	590	5	281 16	25 539	326	5	16	18	F.B. 1369-70
		760			297 44				54	44	
3	297	~~830~~	598	5	288½ 18	45 428	346	5	36	18	
					244 62				124	62	
4	236	759	537	5	228 16	116 538	417	5	108	16	
					174 78				251	78	T RODRIGUEZ
5	159	538	460	5	144 30	239 180	540	5	227	24	
					244 108				165	102	
6	227	172	528	5	210 34	145 592	446	5	125	40	
					298 142				37	142	
7	273	908	574	5	248 50	12 232	313	5	12	½ 50	
					279 192				~~20~~	192	19
8	270	039	571	5	261 18	10 378	311	5	~~2~~	18	1
					300 210				23	210	
9	300	558	601	5	288 ½ 24	12 962	313	5	1	22	
					289 234				18	232	
10	280	920	581	5	271 18	9 179	310	5	0	18	
					301 252				50	250	
11	293	370	594	5	285 16	41 960	342	5	41	½ 18	
	+2922	314			268	667 577				268	
B.M. 57-1	- 667	577								268	B.M. 57-1
	+2254	737								536	Malibu Cyn. Rd.
											F.B. 2834-9

T = 58°

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 8-JAN. '71

INDEXED O.J. GALLI DATE JAN 1 1 '71

WEATHER CLEAR & CALM TIME 13:35

NOTES CHKD DATE

INST. NO. 75234

ROD NO. 2132 A8

F.B. 4108 PG. 107

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

T-520

WEATHER OVERCAST CALM INST. NO. 7523

TIME 10:40 ROD NO. 2394

NOTES CHKD. DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY PANOWL NOTES PANOWL DATE: 11-Jan. '71

INDEXED G.T. GALL DATE

F.B. 4108 PG. 108

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 57-1 TO B.M. 48-83
B.M. 57-1			48			272	B.M. 57-1
1	38 228	339 5	38 1/2 20	264 662	565 5	256 16	Malibu Cyn. Rd.
			18			299	
2	9 512	310 5	0 18	289 389	590 5	279 20	F.B. 2834-9
			40 38			289 36	
3	29 372	330 5	18 22	289 402	590 5	277 1/2 24	
			60 60			278 60	
4	49 459	350 5	38 22	267 371	568 5	256 22	
			40 82			285 82	T RODRIGUEZ
5	32 908	333 5	24 16	277 432	578 5	269 16	
			144 98			226 98	
6	128 442	429 5	112 32	211 720	512 5	196 36	
			162 130			164 128	
7	136 351	437 5	110 52	137 210	438 5	110 54	
			272 182			187 182	
8	263 942	564 5	254 18	176 041	477 5	165 22	
			34 200			299 204	
9	16 119	317 5	16 1/2 36	283 220	584 5	267 32	
			32 236			301 236	
10	17 402	318 5	17 1/2 30	301 678	602 5	286 1/2 30	
			20 266			294 266	
11	11 422	312 5	2 18	294 718	595 5	284 1/2 20	
			75 284			270 286	
12	69 108	370 5	63 12	264 082	565 5	258 12	
	+ 802 265		296	3056 925		298	
B.M. 48-83				802 265		296	B.M. 48-83 (LAS FLORES A-8) P.C. 44
				- 2254 660		594	CENTER DIVIDER
							FR [illegible]

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
B.M. 57-1	RIGHT MIC.	LEFT.		STADIA	RIGHT MIC.	LEFT.		STADIA	FROM B.M. 57-1 TO T.B.M. # 1
1	299 289	600	5	299 286 ½ 26	8 632	309	5	20 8 ½ 24	B.M. 57-1
									Malibu Cyn. Rd.
2	299 571	600	5	299 288 ½ 22	29 961	330	5	40 18 22	
				294 48				18 46	F.B. 2834-9
3	284 879	585	5	274 20	7 928	308	5	7 ½ 22	
				294 68				16 68	
4	294 701	595	5	282 ½ 24	5 639	306	5	5 ½ 22	
				300 92				38 90	
5	290 558	591	5	280 20	28 801	329	5	18 20	T RODRIGUEZ
				285 112				44 110	
6	276 199	577	5	267 18	35 872	336	5	26 18	
				298 130				27 128	
7	298 391	599	5	288 ½ 20	16 649	317	5	5 22	
				298 150				51 150	
8	287 061	588	5	276 22	42 228	343	5	33 18	
				300 172				26 168	
9	300 639	601	5	289 ½ 22	13 022	319	5	0 26	
	294			294 194				57 194	
T.B.M. # 1	~~295~~ 122	595	5	282 ½ 24	46 689	347	5	35 22	T.B.M. # 1
	+ 2925410	✓		218	235421			216 ✓	SET 1X2 E. SIDE OF RD. NEAR
	- 235421							218	P.P. X PT. TO SCHOOL
	+ 2689989							434 ✓	NO REFF.

T = 5 80

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

SURVEY BY J. RANDALL WEATHER CLEAR & CALM INST. NO. 75239

NOTES BY R. ANDERSON DATE 8-JAN. '71 TIME 14:20 ROD NO. 2139 A.B.

INDEXED G. J. GALLI DATE JAN 13 '71 NOTES CHKD. DATE

F.B. 4108 PG. 109

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4108 PG. 110 | JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY RANDALL NOTES ANDERSON DATE: 11-JAN.-71

INDEXED B.T. BALL DATE

WEATHER OVERCAST/COOL INST. NO. 752

TIME 10:10 ROD NO. 2/391

NOTES CHKD DATE

T = 50°

STATION	BACKSIGHT Right Mic.	Left.	Stadia	FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From T.B.M. #1 To B.M. 57-1
T.B.M. #1			55			277	T.B.M. #1
1	45 381	346 5	35 20	267 612	568 5	257 20	SET 1X2 E. SIDE OF RD., NEAR
			20			299	P.P. & PT. TO SCHOOL
2	8 621	309 5	8 ½ 24	287 642	588 5	275 24	NO REF.
			28 44			294 44	
3	19 889	320 5	10 18	294 240	595 5	284 ½ 20	
			20 62			300 64	
4	10 660	311 5	0 ½ 20	300 129	601 5	290 ½ 20	
			32 82			301 84	T RODRIGUEZ
5	21 531	322 5	10 22	301 481	602 5	290 ½ 22	
			23 104			299 106	
6	13 468	314 5	3 20	299 321	600 5	289 ½ 20	
			22 124			295 126	
7	11 339	312 5	0 ½ 22	284 418	585 5	273 22	
			23 146			294 148	
8	13 402	314 5	3 20	274 601	575 5	264 20	
			39 166			300 168	
9	28 080	329 5	17 22	300 810	601 5	290 ½ 20	
			43 188			296 188	
10	32 048	333 5	21 22	284 131	585 5	272 24	
	+ 204 419		210	284 385		212	
B.M. 57-1				+ 204 419		210	B.M. 57-1
				2689 966		422	Malibu Cyn. Rd.

F.B. 2834-9

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY V. RANDALL

NOTES BY R. ANDERSON DATE 8-24-71 TIME 7:00 WEATHER CLEAR & COLD INST. NO. 7523

INDEXED G. J. GALLI DATE 8-13-71 NOTES CHKD DATE ROD NO. 2139-A-8

F.B. 4109 PG. 111

T = 58°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM T.B.M. #1 TO T.B.M. #2
T.B.M. #1			297			36	T.B.M. #1
1	297 211	598 5	287 1/2 20	26 322	327 5	16 20	E. SIDE OF RD. SET 1X2
			297			41	NEAR P.P. & PT. TO SCHOOL
2	286 248	587 5	275 22	30 112	331 5	19 22	NO REF.
			296 42			42 42	
3	296391	597 5	285 1/2 22	31 668	332 5	20 22	
			296 64			25 64	
4	284 499	585 5	272 24	13 642	314 5	13 1/2 24	T. RODRIGUEZ
			295 88			32 88	
5	295 410	596 5	283 1/2 24	20210	321 5	8 24	
			295 112			4 112	
6	295 092	596 5	282 1/2 26	9 171	310 5	9 1/2 24	
			296 138			51 136	
7	286 021	587 5	276 20	39 750	340 5	27 24	
			296 158			22 160	
T.B.M. #2	296 328	597 5	284 1/2 24	11 478	312 5	11 1/2 22	T.B.M. #2
	+2337 200		182	182 353		182	SET 1X2 N.W. SIDE OF RD.
	-182 353					182	CENTER OF LONG G. RAIL 0.5 E.
	+2154 847					364	NO REFF (opposite Methodist Church)

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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F.B. 4108 PG. 112 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Anderson DATE 11-Jan. '71

INDEXED O.J. GALLI DATE

WEATHER Overcast & Cool INST. NO. 752

TIME 09:45 ROD NO. 1/12

NOTES CHKD DATE

T = 52°

STATION	BACKSIGHT Right Mic.	Left.	Stadia	FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From T.B.M. #2 To T.B.M. #1
T.B.M. #2			24			265	T.B.M. #2
1	13 471	314 5	2 22	256 881	557 5	247 18	SET 1x2 N.W. SIDE OF RD.
			40			296	CENTER OF LONG G. RAIL, 05 E.
2	28 962	329 5	16 24	296 389	597 5	282½ 28	NO REF. (opposite Methodist Church)
			30 46			300 46	
3	19 062	320 5	8 22	300 429	601 5	288½ 24	
			42 68			299 70	T. RODRIGUEZ
4	31 842	332 5	20 22	299 410	600 5	289½ 20	
			35 90			294 90	
5	25 148	326 5	15 20	283 112	584 5	272 22	
			51 110			295 112	
6	39 361	340 5	27 24	295 480	596 5	284½ 22	
			22 134			297 134	
7	10 052	311 5	10 ½24	297 132	598 5	285½ 24	
			16 158			299 158	
8	5 408	306 5	5 ½22	299 391	600 5	299½ 20	
	+ 173 306		180	2328 224		178	
T.B.M. #1				+ 173 306		180	T.B.M. #1
				2154 918		358	SET 1x2 E. SIDE OF RD.
							NEAR P.P. & PT. TO SCHOOL
							NO REF.

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
T.B.M. #2	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM T.B.M. #2 TO B.M. 57-3
1	270 822	571 5	284 256 360 28	10 199	311 5	23 10 ½ 26	T.B.M. #2
2	287 348	588 5	274 26 299 54	11 379	312 5	25 11 ½ 28 23 54	SET IK2 N.W. SIDE OF RD. CENTER OF LONG B.R. - 0.5 E. NO REFF.
3	299 978 292	600 5	287 ½ 24 292 78	10 779	311 5	10 ½ 26 20 80	
4	~~299~~ 829	593 5	280 ½ 24 289 102	9 988	310 5	9 ½ 22 36 102	A RODRIGUEZ
5	280 059	581 5	271 10 302 120	28 219	329 5	20 16 50 118	
6	292 438	593 5	282 20	39 290	340 5	28 22	
	+ 1723471		140	109 804		140	
B.M. 57-3	- 109 804					140	B.M. 57-3
	+ 1613667 70					280	Malibu Cyn. Rd.
							F.B. 2834-11

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

SURVEY BY J. RANDOLPH WEATHER OVERCAST & COLD

NOTES BY R. RANDERSON DATE 11-JAN. '71 TIME 09:00 INST. NO. 75234

INDEXED G. I. GALLI DATE JAN 13 '71 NOTES CHKD DATE ROD NO.

T = 50°

F.B. 4108 PG. 113

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4108 Pg. 114 | JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Rendall NOTES Anderson DATE 11 Jan. '71

INDEXED B.B. CALL DATE

WEATHER Overcast/Cam INST. NO. 752

TIME 09:15 ROD NO. 2391

NOTES CHKD DATE

T = 50°

STATION	BACKSIGHT Right Mic.	Left	Stadia	FORESIGHT Right Mic.	Left	Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 57-3 TO T.B.M. #2
B.M. 57-3			46			300	B.M. 57-3
1	35 870	336 5	24 22	289 078	590 5	278 22	Malibu Cyn. Rd.
			20			300	
2	10 382	311 5	0 20	290 098	591 5	280 20	F.B. 2834-11
			23 42			291 42	
3	13 849	314 5	3 20	291 429	592 5	281 20	T. Rodriguez
			51 62			294 62	
4	40 249	341 5	29 22	283 099	584 5	272 22	
			37 84			292 84	
5	25 231	326 5	13 24	281 240	582 5	270 22	
			26 108			292 106	
6	13 439	314 5	0 28	292 929	593 5	278 ½ 28	
			93 134			118 134	
T.B.M. #2	87 649	388 5	81 12	112 352	413 5	106 12	T.B.M. #2
	+ 226 669		146	1840 225		~~268~~	SET 1X2 N.W. SIDE OF RD.
				+ 226 669		146	CENTER OF LONG B. RAIL - 0.5 E.
				1613 556		146	NO REFF.
						292	

Notes Ck'd by	Survey of L.A.C. Precise Level Net
Map No.	JN 0301.02 Tape — Std — °F
Office Work	Surveyed by Randall
Checked	Notes " Date JAN. 71
Date	Indexed B. L. GALLI JAN 28 71

F. B. 4108 PG. 135

LOS ANGELES COUNTY

PRECISE LEVEL NET

A PORTION OF LINE Nº 1

J.N. 0301.02

JAN 1971

REFERENCE

F.B 1202

2858

3707

PARTY

RANDALL

ANDERSON

RODRIGUEZ, R.J.

LOVE

MIYAHIRA, T.C.

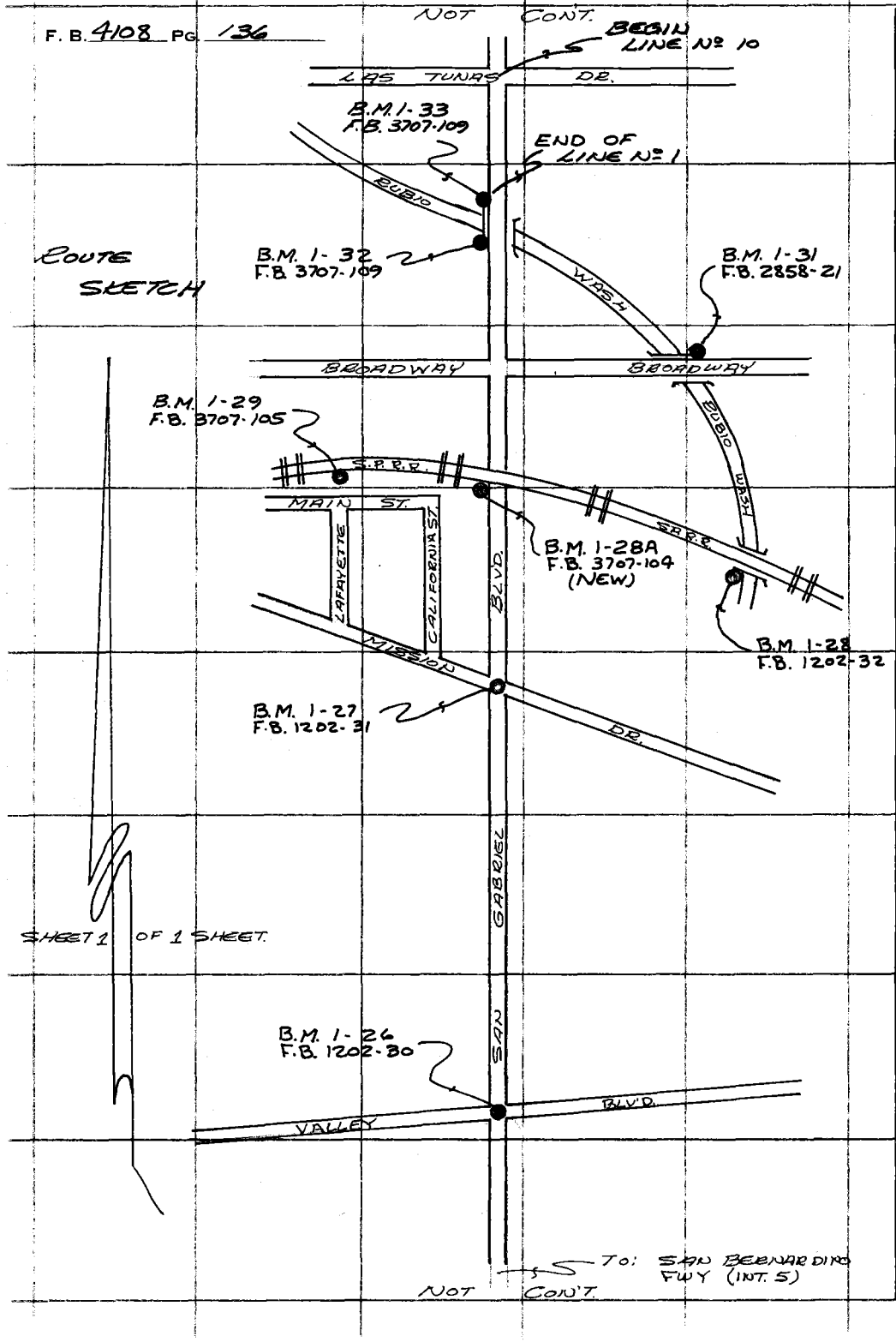
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

F. B. 4108 PG. 136



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76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. RANDALL
NOTES BY R. ANDERSON
INDEXED G. J. GALLI
DATE 22-JAN. '71
DATE JAN 28 '71
WEATHER OVERCAST & COLD
TIME 09:00
NOTES CHKD
INST. NO. 75234
ROD NO. 2138 A.B.
DATE
F.B. 4108 PG. 137

T=580

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS From ____ To ____
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			T RODRIGUEZ
1	153 012	454 5	155 151 4	113 428	414 5	140 86 54	54 M- 4 M=50 M=0.20 mm
2	162 860	463 5	164 160 4	202 619	503	229 175 54	54 M- 4 M=50 M=0.20 mm
	375 872		8	316 047			
	+			-0.40 mm		—	Curvature Corr.=0.46 mm
				316 007			
				315 872			
				- 0135			
			mm= "C"				
	/						
				- 0.013 mm = "C"			
				100 / 1.350			

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

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

F.B. 4108 PG. 138 JOB NO. 0301.02

SURVEY OF _____

SURVEY BY Carroll NOTES _____

INDEXED P.T. BATT DATE _____

76P526B CE # 308 8/68

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

SURVEY BY Miyahira Randall DATE 25 Jan '71 WEATHER Fog & Calm INST. NO. 75234

NOTES BY C. J. GAEDE TIME 09:00 ROD NO. 21394 A/B

INDEXED DATE JAN 28 '71 NOTES CHKD DATE

T = 46

F.B. 4108 PG. 139

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"				
	NEAR ROD			FAR ROD			
			146			142 54	
1	144 825	4455	142 4	115 422	416 5	88	54 M- 4 M= 50 M=0.20 mm
			150			205	
2	148 923	449 5	146 4	178 503	479	151 54	54 M- 4 M= 50 M=0.20 mm
	293 748		← 8	293 925		108	
				0.40 mm		8	
	+			~~-0. mm~~			Curvature Corr.=0.40 mm
				293 885		100	
				293 748			
				- 1.37			
			mm= "C"				
	/						
				.0137 mm = "C"			
				100/1.37			

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

SURVEY BY Randell Miyahira DATE 26 Jan 1971 WEATHER Clear Calm INST. NO. 75234

NOTES BY C.J. GALLI TIME 0825 ROD NO. 21394B

INDEXED DATE JAN 28 71 NOTES CHKD DATE

T = 67°

F.B. 4108 PG. 141

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS (From ____ To ____)
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
			156			211	
1	154 660	455 5	152	184 950	485 5	157	54 M- 4 M= 50 M=0.20 mm
			159			154	
2	157 828	458 5	155	127 560	428 5	100	54 M- 4 M= 50 M=0.20 mm
	312 488			312 510			4
	312 470			0.40 mm			
	+ 0.18			~~-0. mm~~			Curvature Corr.=0.40 mm
				312 470			
				-			T Rodriguez

.0018 mm= "C"

100 / 0.18

mm= "C"

76P526B CE # 308 8/68

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

SURVEY BY V. RANDRA

NOTES BY P. ANDERSON

DATE 22-JAN. '71

WEATHER OVERCAST & CALM

INST. NO. 75234

INDEXED G. J. GALLI

DATE JAN 28 '71

TIME 09:30

ROD NO. 2139 A.B

NOTES CHKD. R. Rhodes

DATE 2-26-71

T = 58°

F.B. 4/08 PG. 143

STATION	BACKSIGHT Right	Mic.	Left	Mic.	Stadia	FORESIGHT Right	Mic.	Left	Mic.	Stadia	DESCRIPTION AND REMARKS
B.M. 1-26											FROM B.M. 1-26 TO B.M. 1-27
1	262	969	563	5	294 / 230 / 64 / 262	105	663	406	5	76 / 74 / 62 / 116	B.M. 1-26 SAN GABRIEL BL. & VALLEY BLVD. F.B. 1202-30
2	227	018	528	5	192 / 70 / 249 / 134	81	538	382	5	46 / 70 / 121 / 132	
3	214	322	515	5	179 / 70 / 275 / 204	86	212	387	5	51 / 70 / 117 / 202	
4	240	529	541	5	205 / 70 / 239 / 274	82	090	383	5	47 / 70 / 106 / 272	T RODRIGUEZ
5	204	088	505	5	169 / 70 / 288 / 344	71	760	372	5	36 / 70 / 122 / 342	
6	253	488	554	5	218 / 70 / 264 / 414	87	980	388	5	52 / 70 / 123 / 412	
7	229	482	530	5	194 / 70 / 240 / 484	88	271	389	5	53 / 70 / 119 / 482	
8	205	840	506	5	170 / 70 / 236 / 554	79	382	380	5	44 / 70 / 163 / 552	
9	209	699	510	5	182 / 54 / 152 / 608	135	422	436	5	108 / 56 / 160 / 608	
10	137	461	438	5	122 / 30	145	709	446	5	130 / 30	
	+2184896 ✓				638 ✓	964 027 ✓				638 ✓	
B.M. 1-27	−964 027									638	B.M. 1-27 SAN GABRIEL BLVD. & MISSION DR. F.B. 1202-31
	+1220869 ✓									1276	

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F.B. 408 PG. 144 | JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Bench 11 NOTES Maldonado 1-25-71

INDEXED B. J. GALLI DATE

WEATHER Hazy Sun INST. NO. 35235

TIME 11:40 ROD NO. 2/3 9A3

NOTES CHKD. Blanchard DATE 2-26-71

T-66°

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM B.M. 1-27 TO B.M. 1-26
BM 1-27				178					207		BM 1-27
1	162	349	463 5	146	32	189	319	490 5	171	36	San Gabriel Blvd. & Mission Dr.
				123					259		F.B. 1202-31
2	87	081	388 5	51	72	222	929	523 5	185	74	
				124	104				270	110	
3	88	100	389 5	52	72	234	812	535 5	198	72	
				150	176				226	182	
4	128	601	429 5	106	44	207	081	508 5	188	38	T- Rodriguez
				114	220				270	220	
5	76	578	377 5	38	76	231	868	532 5	192	78	
		804		126	296				282	298	
6	92	~~888~~	393 5	58	68	246	649	547 5	210	72	
				129	364				275	370	
7	93	238	394 5	57	72	243	469	544 5	211	64	
				123	436				286	434	
8	88	022	389 5	53	70	247	471	548 5	208	78	
				125	506				241	512	
9	90	171	391 5	55	70	208	051	509 5	175	66	
				150	576				246	578	
10	136	390	437 5	122	28	233	890	534 5	220	26	
					604 ✓					604 ✓	
										604	
	+	1043	334 ✓			-	2265	539 ✓		1208 ✓	
						+	1043	334			
BM 1-26						-	1222	205 ✓			BM 1-26
											San Gabriel Blvd. & Valley Blvd.
											F.B. 1202-30

F.B. 4108 PG. 145

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

SURVEY BY Randall WEATHER INST. NO.

NOTES BY DATE TIME ROD NO.

INDEXED DATE NOTES CHKD DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	RIGHT	MIC.	LEFT.	STADIA	FROM ___ TO ___
								See Over for RERUN
								B.M. 1-27 to 1-26

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76P526B CE # 308 8/68

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RE-RUN

INST. NO. 75236 ROD NO. 2139A3 DATE 1-26-71

WEATHER Hazy Sun T-74°

TIME 2:10

NOTES CHKD. Blanchard

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 1-27	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM B.M. 1-27 TO B.M. 1-26
1	151 622	452 5	174 128	46	195 301	496 5	216 174	42	BM 1-27
2	80 280	381 5	118 42	76	224 871	525 5	262 186	76	San Gabriel Blvd. & Mission Dr. F.B. 1202-31
3	90 518	391 5	123 75 57	122 66 188	222 392	523 5	256 188	118 68	
4	89 911	390 5	121 57	64	224 648	525 5	257 191	186 66	
5	56 750	357 5	90 22	252 68	222 171	523 5	254 190	252 64	T. Rodriguez
6	116 782	417 5	148 84	320 64	213 982	514 5	247 179	316 68	Re-Run
7	78 492	379 5	112 44	384 68	231 731	532 5	264 198	384 66	
8	88 970	389 5	120 56	452 64	225 300	526 5	256 194	450 62	
9	91 721	392 5	124 58	516 66	212 008	513 5	248 176	512 72	
10	135 689	436 5	148 122	582 26	229 352	530 5	241 217	584 24	
				608				608	
	+ 980 735				- 2201 756			608	
					+ 980 735			1216	
					- 1221 021				
BM 1-26									BM 1-26 San Gabriel Blvd. & Valley Blvd. F.B. 1202-30

F.B. 4108 PG. 146

SURVEY OF L.A. Co. Precise Leveling

SURVEY BY Randall NOTES Maldonado 1-25-70

INDEXED D. J. GALLI DATE

JOB NO. 0301.02

76P526B CE # 308 8/68

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

SURVEY BY V. RANDALL WEATHER OVERCAST & CALM INST. NO. 25224

NOTES BY R. ANDERSON DATE 22-JAN.-71 TIME 10:25 ROD NO. 238 A-B

INDEXED C. J. GALLI DATE JAN 28 '71 NOTES CHKD. Bouchard DATE 2-26-71

T = 60°

F.B. 4108 PG. 147

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
B.M. 1-27													FROM B.M. 1-27 TO B.M. 1-28
1	238	470	539	5	273 / 203	70	94	699	395	5	129 / 59	70	B.M. 1-27
											45		SAN GABRIEL BLVD. & MISSION DR.
2	239	860	540	5	272 / 206	66	12	912	313	5	12	66	F.B. 1202-31
					292	136					66	136	
3	272	040	573	5	252	40	46	057	347	5	26	40	
					285	176					73	176	T RODRIGUEZ
4	285	380	586	5	250	70	38	762	339	5	3	70	
					269	246					279	246	
5	269	150	570	5	232	74	242	391	543	5	205	74	
					175	320					284	320	
6	140	262	441	5	105	70	249	928	550	5	214	~~320~~	70
					195	390					215	~~6 40~~	390
7	175	382	476	5	155	40	195	008	496	5	175	40	
					185	430					192	430	
8	180	482	481	5	175	10	187	962	488	5	182	10	
	+180	1026 ✓				440 ✓	1067	719 ✓				440 ✓	
B.M. 1-28	-1067	719										440	B.M. 1-28
	+ 733	307 ✓										880 ✓	S.P.R.R. @ Rubio Wash
													F.B. 1202. 32

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T-60°

WEATHER Hazy Sun INST. NO. 75-234
TIME 11:00 ROD NO. 2139A2
NOTES CHKD Banchard DATE 2-26-71

F.B. 4108 PG. 148 JOB NO. 0301.02
SURVEY OF L.A.Co. Precise Level Net
SURVEY BY Randall NOTES Maldonado 1-23-71
INDEXED R. L. GALLI DATE

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 1-28 TO B.M. 1-27
BM 1-28			251			177	B.M. 1-28
1	217 510	518 5	183 68	142 532	443 5	107 70	S.P.R.R. & Rubio Wash
			242			118	F.B. 1202-32
2	205 498	506 5	168 74	82 260	383 5	46 72	
			168 142			267 142	
3	139 642	440 5	110 58	242 541	543 5	217 50	
			62 200			293 192	T-Rodriguez
4	26 469	327 5	26 ½ 72	293 981	594 5	254½ 78	
			42 272			262 270	
5	10 149	311 5	10 ½ 64	294 430	595 5	294½ 64	
			77 336			291 334	
6	41 702	342 5	5 72	253 500	554 5	215 76	
			171 408			225 410	
7	152 229	453 5	133 38	206 498	507 5	187 38	
			182 446			192 448	
8	169 541	470 5	156 24	180 339	481 5	168 24	
	+ 962 740 ✓		472	✓ 1696 081 ✓		472 ✓	
				+ 962 740		472	
				= 733 341 ✓		944 ✓	
BM 1-27							BM 1-27 San Gabriel Blvd. & Mission Dr. F.B. 1202-31

76P526B CE # 308 8/68

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M.1-28	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.1-28 TO B.M.1-28A
1	179	571	480	5	~~093 612~~		~~394~~	~~5~~	B.M. 1-28
				143 72	109	822	410	5	S.P.R.R. & RUBIO WASH
				248					
2	213	390	514	5	74	838	375	5	F.B. 1202-32
				178 70					
				222 142					
3	210	168	511	5	148	688	449	5	
				198 24					
				138 166					
4	135	378	436	5	160	052	461	5	X Rodriquez
				132 6					
	+ 738	507		172	493	400			
B.M. 1-28A	493	400							
	+ 245	107							

139			
~~47~~	~~2~~		
145			
73	72		
189			
39	70		
160	142		
136	24		
162	166		
158	4		
170			
172			
342			

B.M. 1-28A
SAN GABRIEL BLVD & S.P.R.R.
F.B 3707-104

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

SURVEY BY J. PANDALL WEATHER CLEAR & CALM INST. NO. 75239

NOTES BY R. ANDERSON DATE 26-VAN-71 TIME 10:45 ROD NO. 2139 R.W.

INDEXED G.J. GALLI DATE JAN 28 71 NOTES CHKD Dmichard DATE 2-26-71

T= 800

F.B. 4108 PG. 149

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F.B. 408 PG. 150 | JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Ranger NOTES Anderson DATE 26-Nov.-70

INDEXED G. J. GALLI DATE

WEATHER CLEAR & CALM INST. NO. 7523

TIME 11:30 ROD NO. 2139A

NOTES CHKD Dr. Ackard DATE 2-26-71

T = 82.0

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 1-28A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 1-28A TO B.M. 1-28
1	67	168	368 5	182 32 70	220	000	521 5	205 185 70	B.M. 1-28A
				137				223	SAN GABRIEL BLVD. & S.P.R.R.
2	102	840	403 5	67 70	188	611	489 5	153 70	F.B. 3707-104
				118 140				124 140	
3	106	309	407 5	94 24	112	740	413 5	100 24	T. RODRIGUEZ
				164				164	
	276	317			521	351		164	
B.M. 1-28					276	317		328	B.M. 1-28
~~S.P.R.R.~~					- 245	034			S.P.R.R. & RUBIO WASH
									F.B. 1202-32

76P526B CE # 308 8/68

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 1-28A TO B.M. 1-29
B.M 1-28A				275				122	B.M. 1-28A
1	242	578	543 5	209 66	88	801	389 5	54 68	San Gabriel Blvd. @ S.P.R.R.
				212				118	F.B. 3707-104
2	179	500	480 5	146 66	85	854	386 5	52 66	
				224 132				148 134	
3	197	710	498 5	170 54	121	908	422 5	94 54	⊼ Anderson
				156 186				166 188	
4	143	421	444 5	130 26	152	563	453 5	138 28	
	+ 763	209 ✓		212 ✓	449	126 ✓		216 ✓	
BM 1-29	449	126						212	B.M. 1-29
	+ 314	083 ✓						428 ✓	S.P. RR @ La Fayette St.
									(USC & G.S.) F.B. ~~30~~ 3707-105
									F.B. 3707-105

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

SURVEY BY Randall

NOTES BY Randall-Mighire DATE 22-Jan-'71 WEATHER Clear-Calm INST. NO. 75234

INDEXED C.T. GATTI DATE JAN 28 '71 TIME 13:05 ROD NO. 2139 RB

NOTES CHKD Blackard DATE 2-26-71

T = 60°

F.B. 4108 PG. 151

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F.B. 4108 PG. 152 | JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Miyahira 25 Jan '71

INDEXED D.D. GALLI DATE

WEATHER Haze & Calm INST. NO. 75231

TIME 1015 ROD NO. 2139A

NOTES CHKD Blanchard DATE 2-26-71

T = 580

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM 1-29	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 1-29 TO BM 1-28A
				180				218	BM 1-29
1	144	562	445 5	108 72	182	392	483 5	141 72	SPRR @ La Faye He St.
				128				252	FB 3707-105
2	90	262	391 5	52 76	213	543	514 5	174 78	
				131 148				209 150	
3	104	723	405 5	77 54	183	812	484 5	157 52	T Maldonado
				114 202				188 202	
4	108	469	409 5	102 12	182	191	483 5	176 12	
+	448	016 ✓		214	761	938 ✓		214 ✓	
BM 1-28A					− 448	016		214	BM 1-28A
					313	922		428 ✓	San Gabriel Blvd @ SPRR
									FB 3707-104

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY Randall NOTES BY Miyahira DATE 22-Jan-'71 WEATHER Clear-Calm INST. NO. 75234

INDEXED G. L. GALLI DATE JAN 28 '71 TIME 13:30 ROD NO. 21358A

NOTES CHKD Blanchard DATE 2-26-71

T = 60°

F.B. 4108 Pg. 153

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM 1-29											From BM 1-29 To BM 1-31
					165					185	BM 1-29
1	135	287	436	5	105 60	155	898	456	5	125 60	SPRR @ La Fayette St.
					103					222	FB 3707-105
2	70	310	371	5	37 66	188	698	489	5	154 68	
					143 126					237 128	
3	108	442	409	5	73 70	202	750	503	5	167 70	T Anderson
					172 196					96 198	
4	143	851	444	5	114 58	66	480	367	5	36 60	
					224 254					136 258	
5	190	027	491	5	156 68	161	400	402	5	66 70	
					183 322					230 328	
6	150	802	451	5	117 66	197	098	498	5	164 66	
					159 388					157 394	
7	146	032	447	5	133 26	148	422	449	5	139 18	
					152 414					179 412	
8	148	262	449	5	144 8	176	382	477	5	173 6	
	+ 1093	013 ✓			422 ✓	1237	128 ✓			418 ✓	
BM 1-31						- 1093	013			422	BM 1-31
						- 144	115 ✓			840 ✓	Broadway @ Rubio Wash
											FB 2858-21

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4108 PG. 154 — JOB NO. 030102 — T=46°

SURVEY OF L.A. Co Precise Level Net

SURVEY BY Randall NOTES Miyahira 25 Jan '71 DATE

INDEXED DATE

WEATHER Fog & Calm INST. NO. 73231

TIME 0910 ROD NO. 2139-A

NOTES CHKD Blanchard DATE 2-26-71

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS From BM 1-31 To BM 1-29
BM 1-31									
				194				144	BM 1-31
1 1	187	853	488 5	180 14	137	532	438 5	130 14	Broadway @ Rubio Wash
				226				203	FB 2858-21
2	189	046	490 5	152 74	166	365	467 5	129 74	
				203 88				88	
~~3~~	~~166~~	~~365~~	~~467~~ 5	~~129 72~~			5	—	K Maldonado
				142				242	
3	103	721	404 5	64 78	203	287	504 5	164 78	
				92 166				179 166	
4	67	620	368 5	42 50	154	534	455 5	129 50	
				266 216				105 216	
5	230	399	531 5	194 72	69	503	370 5	33 72	
				200 288				107 288	
6	163	490	464 5	126 74	70	480	371 5	33 74	
				174 362				154 362	
7	156	127	457 5	138 36	136	049	437 5	118 36	
				140 398				157 398	
8	138	670	439 5	136 4	155	363	456 5	155 4	
+	1236	926 ✓		402	1093	113 ✓		402 ✓	
BM 1-29 -	1093	113						402	BM 1-29
+	143	813 ✓						804 ✓	SPRR @ La Fayette St.
									FB 3707-105

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

RERUN

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
B.M.1-29													From B.M.1-29 To B.M.1-31
					164						213		BM 1-29
1	128	472	429	5	92	72	176	722	477	5	139	74	SPRR @ La Fayette
					119		1				217		FB 3707-105
2	86	197	387	5	53	66	184	128	485	5	151	66	
					110	138					255	140	
3	76	212	377	5	42	68	219	742	520	5	183	72	T Anderson
					257	206					116	212	RERUN
4	229	252	530	5	201	56	90	732	391	5	64	52	
					224	262					140	264	
5	191	493	492	5	158	66	108	025	409	5	76	64	
					184	328					211	328	
6	150	118	451	5	116	68	174	400	475	5	137	74	
					130	396					178	402	
7	124	118	425	5	118	12	175	982	476	5	172	6	
	+ 985	862 ✓				408	1129	731 ✓				408 ✓	
~~BM 131 8~~				~~5~~			- 985	862		~~5~~		408	BM 1-31
BM1-31							- 143	869 ✓				816 ✓	Broadway @ Rubio Wash
													FB 2858-21

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

SURVEY BY Randall WEATHER Clear & Calm INST. NO. 75234

NOTES BY Miyahira DATE 26 Jan '71 TIME 0940 ROD NO. 2139A8

INDEXED G. J. GALLI DATE JAN 28 '71 NOTES CHKD Blanchard DATE 2-26-71

T: 70

F.B. 4108 PG. 155

F.B. 4108 PG. 156 JOB NO. 030.02

SURVEY OF

SURVEY BY Ramolo II NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
		NO RUN IN THIS DIRECTION					

76P526B CE # 308 8/68

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

Do not extend notes this side of this line.

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

SURVEY BY Rangel/Rodriguez DATE 22 JAN 71 WEATHER Hazy INST. NO 75234

NOTES BY TIME 16:20 ROD NO 213946

INDEXED L. J. GALLI DATE JAN 28 71 NOTES CHKD Bhalla DATE 2-26-71

F.B. 4108 PG. 157

TE 68

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM 1-31											FROM BM 1-31 TO BM 1-32
1	177	665	478	5	180 / 174 06	137 / ~~135~~	357	438	5	140 / 134 06	BM 1-31
											Broadway @ Rubio Wash
2	156	251	457	5	172 / 140 32	120	969	421	5	136 / 104 32	F.B 2858-21
					38					38	
3	161	867	462	5	178 / 144 34	89	791	390	5	105 / 73 32	T = Miyahira
					72					70	
4	222	633	523	5	241 / 203 38	92	941	393	5	½) 110 / 92 36	
	+ 718	414 ✓			110 ✓	441	058 ✓			106 ✓	
B.M. 1-32	- 441	058								110	
	+ 277	356								216 ✓	
											BM 1-32
											San Gabriel Blvd @ Rubio Wash
											(Flood Control 58-201)
											F.B 3707-109

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 408 PG. 158 | JOB NO. 030202

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 22 JAN 71

INDEXED G.T. GATTI DATE

WEATHER Hazy INST. NO. 75234

TIME 15:05 ROD NO. 239 AB

NOTES CHKD. Richard DATE 2-26-71

F-68

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 1-32	RIGHT	MIC.	LEFT.	STADIA			RIGHT	MIC.	LEFT.	STADIA			FROM BM 1-32 TO BM 1-31
1	109	105	410	5	125 93	32	207	259	508	5	129 191	32	BM 1-32
													SAN GABRIEL Blvd @ RUBIO Wash
2	49	409	350	5	74 24	50	180	100	481	5	205 155	50	(FLOOD-CONTROL 58-201)
						82						82	F.B 3707-109
3	129	901	430	5	142 114	30	146	863	447	5	161 131	30	
						112						112	T Miyahira
4	142	231	443	5	147 137	10	173	961	474	5	178 168	10	
	+ 430	646 ✓				122 ✓	708	183 ✓				122 ✓	
BM 1-31							+ 430	646				122	
							277	537 ✓				244 ✓	
													BM 1-31
													BROADWAY @ RUBIO Wash
													F.B 2858-21

76P526B CE # 308 8/68

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

Do not extend notes this side of this line. RE-RUN

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

SURVEY BY Rodriguez Randall WEATHER Clear INST. NO. B231

NOTES BY DATE 26 JAN 71 TIME 8:45 ROD NO. 7138 AB

INDEXED 9.1 CALC DATE 28 JAN 71 NOTES CHKD Bischard DATE 2-26-71

F.B. 4108 PG. 159

T= 64

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
B.M.1-31							FROM B.M. 1-31 TO B.M. 1-32
1	~~186 245~~ 186 050	487 5	191 181 10	138 971	439 5	~~103~~ 133 10	BM 1-31
							Broadway & Rubio Wash Flood
2.	152 425	453 5	170 134 36	106 093	407 5	126 86 40	Control
			46			50	F.B 2858-21
3	172 159	473 5	191 153 38	75 741	376 5	93 57 36	
			84			86	T Miyihara
4	218 019	519 5	234 202 32	130 573	431 5	145 115 30	RE RUN
	+ 728 848 ✓		116 ✓	451 378 ✓		116 ✓	
	- 451 378					116	
	+ 277 470					232 ✓	
BM 1-32							BM 1-32
							San Gabriel Blvd @ Rubio Wash
							Flood Control 58 201
							F.B 3707-109

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

RERUN

T = 74°

WEATHER Hazy INST. NO. 75234

TIME 3 TO 15:10 ROD NO. 2189A

NOTES CHKD Blanchard DATE 2-26-71

F.B. 4108 PG. 160 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 25 Jan 71

INDEXED [redacted] DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 1-32 TO BM 1-31
BM 1-32									
1	137	639	438 5	152 122 30	217	235	518 5	233 201 32	BM 1-32
2	50	023	351 5	78 22 56	194	899	495 5	217 +47 171 44	San Gabriel Blvd @ Rubio
3	141	699	442 5	158 124 34	154	540	455 5	174 134 40	wash (F100D CONTROL 58-201
4	145	583	446 5	153 137 16	185	745	486 5	192 178 14	F.B 3707-109
	+ 474	944 ✓		86 78 120 118 136 ✓	- 752	439 ✓		132 ✓	T Miyahira
					+ 474	944		136	RERUN
					- 277	495 ✓		268 ✓	
BM 1-31									BM 1-31
									Broadway @ Rubio Wash
									F100D CONTROL
									F.B 2858-21

76P526B CE # 308 8/68

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

SURVEY BY Rendell WEATHER Hazy INST. NO. 75231

NOTES BY Rodriguez DATE 22 JAN 71 TIME 14:55 ROD NO. 239 A

INDEXED C.J. GATES DATE JAN 28 71 NOTES CHKD Bischard DATE 2-26-71

F.B. 4108 PG. 161

T=68

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 1-32 TO BM1-33
B.M. 1-32									BM 1-32 SAN GABRIEL Blvd @ RUBIO Wash (FLOOD CONTROL 58-201) F.B 3707-109
1.	143 133	761 103	444	5	133	103	434	5	T Miyahira
	+ 10	658		146 140 06				136 130 06 06 12	
B.M. 1-33									BM 1-33 SAN GABRIEL Blvd @ RUBIO Wash (FLOOD CONTROL 58-523) F.B 3707-109

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

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F.B. 4108 PG. 162 | JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 22 Jan 71

INDEXED [redacted] DATE

WEATHER Hazy INST. NO. 75231

TIME 15:00 ROD NO. 2774

NOTES CHKD. Blanchard DATE 2-26-71

T=68°

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 1-33 TO BM 1-32
BM 1-33							BM 1-33 San Gabriel Blvd @ Rubio Wash (Flood-Control 58-523) F.B. 3707-109
1.	131 011	432 5	134 128 06	141 687 131 011 10 676	442 5	144 138 06 06 12	R.G.B. T Miyahira
B.M. 1-32							BM 1-32 San Gabriel Blvd @ Rubio Wash (Flood-Control 58-201) F.B. 3707-109

Notes Ck'd by	Survey of LA Co Precise Level Net
Map No.	JN 030102 Tape — Std — °F
Office Work	Surveyed by Randall
Checked	Notes " Date 1-Feb-71
Date	Indexed C. J. GALLI FEB 10 71

F. B. 4108 PG. 183

LOS ANGELES COUNTY
PRECISE LEVEL NET
LINE No. 26
JAN. & FEB. 1971
J.N. 030102

REFERENCES

F.B.	1388	RANDALL
	3707	ANDERSON
	3713	RODRIGUEZ, R.J.
	1387	LOVE
		MIYAHIRA

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

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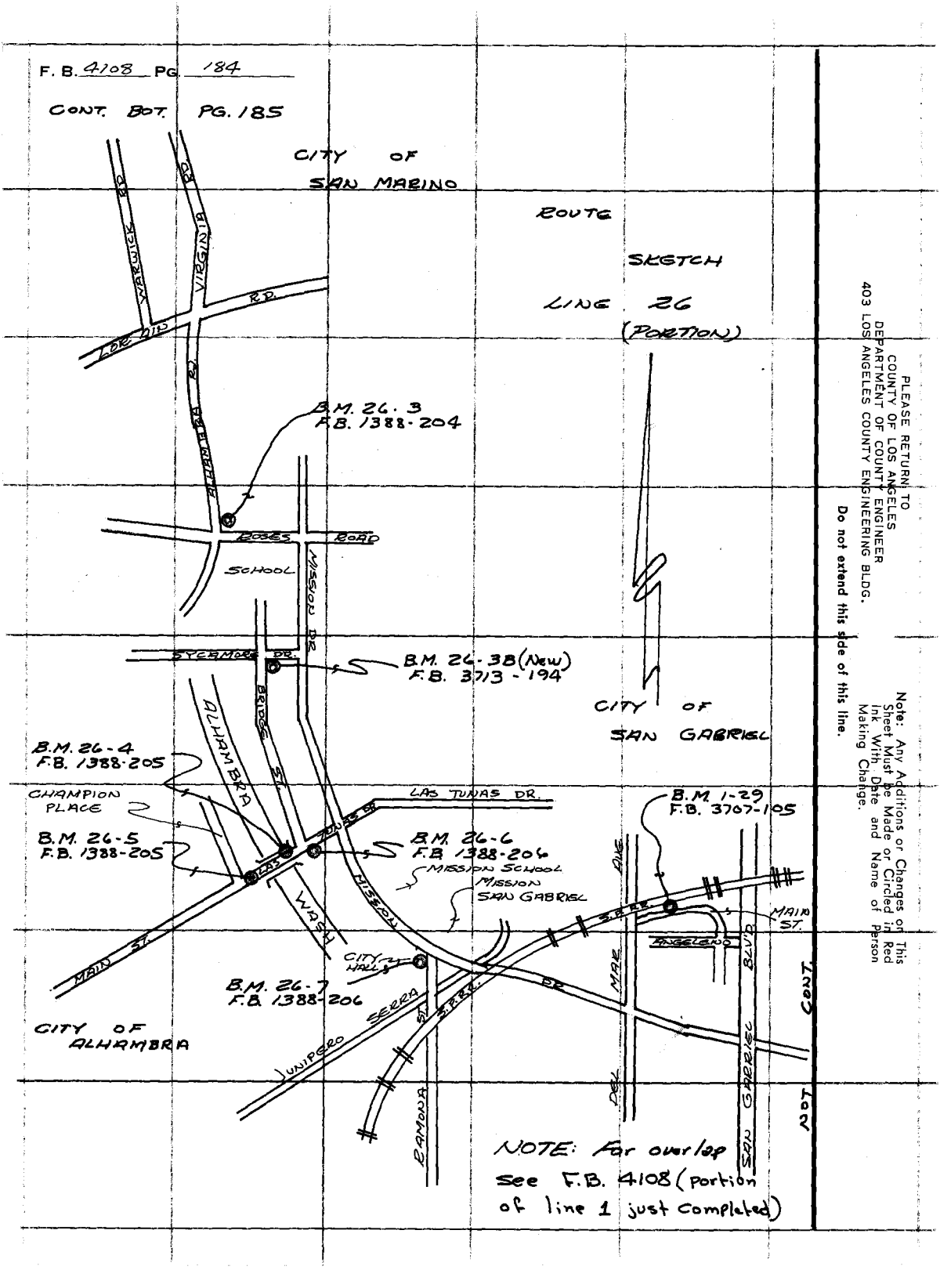
403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309s CE#310 3-69

F. B. 4108 PG. 184

CONT. BOT. PG. 185



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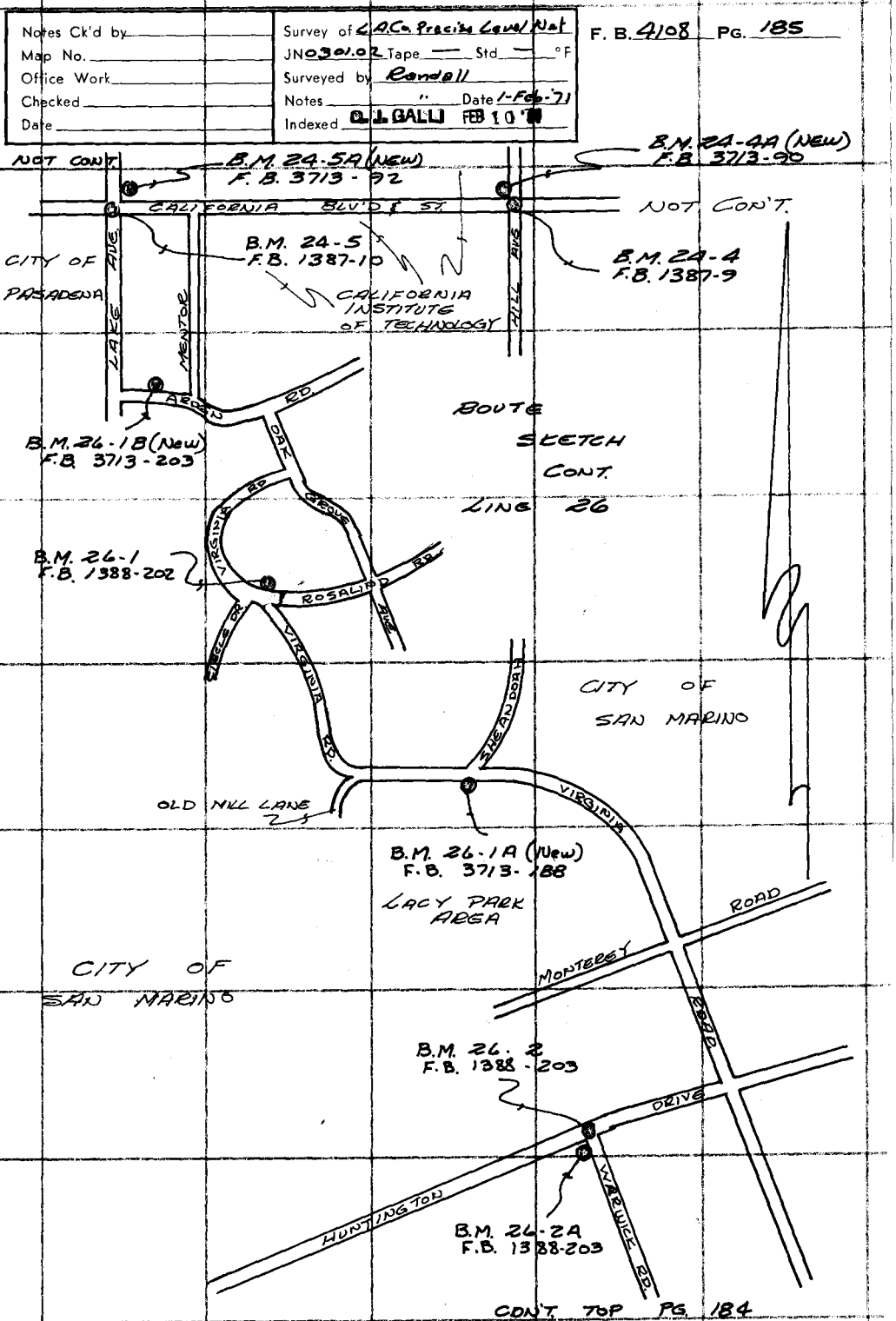
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of L.A.Co. Precise Level Net
Map No.	JN 0301.02 Tape — Std — °F
Office Work	Surveyed by Randall
Checked	Notes " Date 1-Feb-71
Date	Indexed G. L. GALLI FEB 10 '71

F. B. 4108 PG. 185



CON'T. TOP PG. 184

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309S CE#310 3-69

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

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

SURVEY BY Randall NOTES BY Miyahira DATE 27 Jan '71 TIME 0845 WEATHER Clear · Calm INST. NO. 75234 ROD NO. 2139A-B

INDEXED G. J. GALLI DATE FEB 10 '71 NOTES CHKD DATE

T = 70°

F.B. 4108 PG. 187

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
				Deter. of C			
		Near	Rod		Far	Rod	
			150			254	
1	148 587	449 5	146 4	227 598	528 5	200 54	54 M − 4 M = 50 M = 0.20 mm
			152			98	
2	150 232	451 5	148 4	71 100	372 5	44 54	54 M − 4 M = 50 M = 0.20 mm
	298 819		8	298 698		108	
	298 658			− 0.40 mm		8	Curvature Correction = −0.40 mm
	0.161			298 658		100	
		0.0161					
	100	0.161					

76P526B CE # 308 8/68

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Randall
NOTES BY Miyahira
DATE 28 Jan '71
WEATHER Clear & Calm
INST. NO. 75234
TIME 1050
ROD NO. 2139 A.B
INDEXED G. J. GALLI
DATE FEB 10 '71
NOTES CHKD
DATE
T = 78°
F.B. 4108 PG. 189

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	960	451 5	152 148 4	126 ~~107~~	107 ~~427~~	427 5	153 99	54 54 M- 4 M= 50 M=0.20 mm
2	150	855	451 5	152 148 4	175	610	476 5	202 148	54 54 M- 4 M= 50 M=0.20 mm
	301 815 301 677 + 1.38				301 717 ~~-0. mm~~ 301 677	0.40 mm		108	Curvature Corr.=0.40 mm
									K Randall
	0.0138 mm= "C" 100 / 1.38								
					/ mm= "C"				

76P526B CE # 308 8/68

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

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

SURVEY BY Randall

NOTES BY Miyahira DATE 29 Jan '71 WEATHER Clear Calm INST. NO. 75234

INDEXED C. L. GALLI DATE FEB 10 '71 TIME 0845 ROD NO. 2139 A.B

NOTES CHKD DATE

T = 72

F.B. 4108 PG. 191

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.		LEFT.	STADIA	RIGHT MIC.		LEFT.	STADIA	FROM ____ TO ____
				DETERMINATION OF "C"					
	NEAR ROD				FAR ROD				
				141				200	
1	139	520	440 5	137 4	173	539	474 5	146 54	54 M- 4 M= 50 M=0.20 mm
				135				126	
2	133	578	434 5	131 4	99	454	400 5	72 54	54 M- 4 M= 50 M=0.20 mm
	273 098			8	272 993			108	
	272 953				0.40 mm				
	+ 0 645				~~-0. mm~~			-8	Curvature Corr.=0.40 mm
					272 953			100	
					- ~~953~~				

0.0145 mm= "C"

100 / 1.45

/ mm= "C"

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Randall WEATHER overcast Calm INST. NO. 75234
NOTES BY Randall DATE 1-Feb-71 TIME 08:40 ROD NO. 21394B
INDEXED C. J. GALLI DATE FEB 10 '71 NOTES CHKD DATE

T=50°

F.B. 4108 PG. 193

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS (From ___ To ___)
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	136 179	437 5	138 134 4	45 312	346 5	72 18 54	54M- 4 M= 50 M=0.20 mm
2	146 430	447 5	148 144 4	237 398	538 5	264 210 59	54M- 4 M= 50 M=0.20 mm
	282 609		8	282 710		108	
				− 0.40mm		8	
	+			-0. mm		100	Curvature Corr.=0.40mm
				282 670			
				282 609			
				− 0.61			
			mm= "C"				
				.006 mm= "C"			
				100/0.61			

X Rodriguez

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. RANDRA
NOTES BY R. ANDERSON DATE 2-FEB '71 WEATHER CLOUDY & CALM INST. NO. 76234
INDEXED C. J. GALLI DATE FEB 10 '71 TIME 08:40 ROD NO. 2139 A.B.
NOTES CHKD DATE

T = 56°

F.B. 4108 Pg 195

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						T RODRIGUEZ
	NEAR ROD				FAR ROD				
1	155 660 ~~154 860~~	456 5	157 153 156	4	181 770	482 5	208 154 155	54 54	54 M- 4 M=50 M=0.20 mm
2	154 528	455 5	152	4	128 620	429 5	106	54	54 M- 4 M=50 M=0.20 mm
	310 188			8	310 390			108 8	
	+				-0.40 mm			100	Curvature Corr.=0.40 mm
					310 350				
					310 188				
					- 0.162				
				mm= "C"					
	1								
					- 0.016 mm = "C"				
					100 / 1.620				
					100				
					620				

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY J. RANDALL NOTES BY R. RUSSELL DATE 26-JAN. 171 WEATHER CLEAR & CALM INST. NO. 75234

INDEXED C. J. GALLI DATE FEB 10 71 TIME 13:15 ROD NO. 2139 A.B.

NOTES CHKD RBB DATE 2-26-71

T = 82°

F.B. 4108 PG. 197

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
B.M. 1-29													From B.M. 1-29 To B.M. 26-7
1	192	562	493	5	230 154	76	116	030	417	5	152 80	72	B.M. 1-29
					215			078			150		S.P.R.R. @ LAFAYETTE
2	181	239	482	5	147	68	115	~~609~~	416	5	80	70	F.B 3707 - 105
					232	144					182	142	
3	199	831	500	5	~~166~~	66	148	230	449	5	114	68	T RODRIGUEZ
					184	210					178	210	
4	151	989	452	5	118	66	144	521	445	5	110	68	
					202	276					148	278	
5	167	682	468	5	132	70	113	779	414	5	78	70	
					106	346					96	348	
6	71	360	372	5	36	70	61	702	362	5	26	70	
					216	416					105	418	
7	184	082	485	5	152	64	73	301	374	5	41	64	
					299	480					142	482	
8	299	701	600	5	261 ½	76	104	631	405	5	66	76	
					173	556					146	558	
9	161	481	462	5	149	24	133	642	434	5	121	24	
					144	580					75	582	
10	141	690	442	5	138	6	73	869	374	5	71	4	B.M. 26-7 (U.S.C. & G. L96)
	+ 1751	617				586	1084	783				586	Mission Dr. @ Ramond
B.M. 26-7	- 1084	783										586	F.B. 1388-206
	+ 666	834										1172	

NOTE: For overlapping Sections See F.B. 4108 pgs. 135 thru 162.

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F.B. 4108 Pg. 198 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Parsons NOTES ANGELES DATE: 2-FEB. '71

INDEXED G. J. GALLI DATE

T = 560

WEATHER Cloudy & Calm INST. NO. 75234

TIME 09:10 ROD NO. 2/3 & 4

NOTES CHKD 1623 DATE 2-26-71

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 26-7									FROM B.M. 26-7 TO B.M. 1-29
1	76	969	377	5	144	752	445	5	B.M. 26-7 (U.S.C.&G.S. L96) MISSION DR. & RAMONA ST. F.B. 1388-206 (VERTICAL)
2	127	820	428	5	218	790	519	5	
3	61	882	362	5	251	808	552	5	
4	149	138	450	5	185	430	486	5	
5	119	892	420	5	148	922	449	5	T RODRIGUEZ
6	146	551	447	5	190	780	491	5	
7	139	580	440	5	140	801	441	5	
8	117	169	418	5	214	370 ~~30~~	516	5	
9	132	440	433	5	172	111	473	5	
10	88	168	389	5	158	480	459	5	
	+ 1159	609			1826	244			
					− 1159	609			
B.M. 1-29					666	635			B.M. 1-29 S.P.R.R. @ LAFAYETTE F.B. 3707-105

Station	Stadia	
1	78 / 74	4
	158 / 96	62
2	91	66
	31	60
3	178	126
	120	58
4	152	184
	86	66
5	183	250
	109	74
6	174	324
	109	70
7	155	394
	79	76
8	166	470
	98	68
9	112	538
	64	48
		586

Station	Stadia	
1	146 / 142	4
	249 / 187	62
2	283	66
	219	64
3	212	130
	158	54
4	182	184
	114	68
5	228	252
	152	76
6	172	328
	108	64
7	252	392
	176	76
8	206	468
	138	68
9	188	536
	133	50
		586
		586
		1172

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

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

SURVEY BY J. RANDALL WEATHER CLEAR & COLD INST. NO. 75234

NOTES BY R. ANDERSON DATE 26-JAN. '71 TIME 14:15 ROD NO. 2-1394-B

INDEXED C. J. GATES DATE FB 107 NOTES CHKD. ROB DATE 2-26-71

T = 84°

F.B. 4108 Pg. 199

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
B.M. 26-7													FROM B.M. 26-7 TO B.M. 26-6
1	70	731	371	5	72 68	4	138	581	439	5	140 136	4	B.M. 26-7
					8 230						138		MISSION DR. & ROMONA ST. (VERTICAL)
2	203	168	504	5	176	54	150	449	451	5	122	56	F.B. 1388-206
					284						108		
3	249	951	550	5	214	70	71	650	372	5	34	74	
					300	124					73	130	
4	265	508	564	5	230	70	41	128	342	5	9	64	T RODRIGUEZ
					292	194					72	194	
5	258	002	559	5	224	68	38	288	339	5	4	68	
					296	262					105	262	
6	261	400	562	5	226	70	70	052	371	5	35	70	
					186	332					198	332	
7	169	689	470	5	152	34	180	162	481	5	162	36	
					155	366					181	368	
8	148	131	449	5	141	14	175	030	476	5	169	12	
	+ 1626	580 ✓				380	865	340 ✓				380	
B.M. 26-6	- 865	340				384 ✓						380	B.M. 26-6
	+ 761	240 ✓										760	LAS TUNAS & BRIDGE ST.
												384 ✓	F.B. 1388-206
												384	
												768 ✓	

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F.B. 4108 PG. 200 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Brown NOTES Anderson DATE 1-FEB. '71

INDEXED C. J. GALL DATE

WEATHER OVERCAST & CALM INST. NO. 752 34

TIME 14:30 ROD NO. 2139 A

NOTES CHKD. R.B. DATE 2-26

T = 620

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 26-6									FROM B.M. 26-6 TO B.M. 26-7
1	207	942	508 5	244 170 120 74	247	858	548 5	281 210 278 74	B.M. 26-6 LAS TUNAS & BRIDGE ST.
2	87	331	388 5	54 122 66 140	278	330	579 5	244½ 238 68 142	F.B. 1388-206
3	100	148	401 5	78 74 44 184	218	350	519 5	198 290 40 182	
4	42	408	343 5	10 114 64 248	259	509	560 5	228 286 62 244	T RODRIGUEZ
5	79	141	380 5	44 125 70 318	251	659	552 5	216 229 70 314	
6	105	362	406 5	85 208 40 358	209	278	570 5	189 196 40 354	
7	189	379	490 5	170 142 38 396	175	760	476 5	154 78 42 396	
8	139	172	440 5	136 6	71	290	372 5	69 4	
	+ 950	883		402	1712	034		400	
B.M. 26-7					950	883		402	B.M. 26-7
					761	151		802	MISSION DR. & RAMONA ST. F.B. 1388-206 (VERTICAL)

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON

DATE 26-JAN. '71

WEATHER CLEAR & CALM

TIME 14:50

INST. NO. 76234

ROD NO. 2138 B.S.

INDEXED G. L. GALLI

DATE FEB 10 71

NOTES CHKD RCB

DATE 2-26-71

T = 88°

F.B. 4108 PG. 201

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
B.M. 26-6							FROM B.M. 26-6 TO B.M. 26-5
1	111 827	412 5	~~148~~ 74 74	175 580	476 5	~~212~~ 138 74	B.M. 26-6
			178			191	LAS TUNAS & BRIDGE ST.
2	171 179	472 5	164 14	184 942	485 5	177 14	F.B. 1388-206
+	283 006 ✓		88	360 522 ✓		88 ✓	T. RODRIGUEZ
B.M. 26-5		5		283 006		88	B.M. 26-5
				77 516 ✓		176 ✓	LAS TUNAS & CHAMPION PL.
X		5					F.B. 1388-205

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4108 Pg. 202 JOB NO. 030.02

SURVEY OF L.A.C. Precise Level Net

SURVEY BY Gandall NOTES Anderson DATE: 1-FEB. '71

INDEXED G.J. GALLI DATE

WEATHER OVERCAST/CALM INST. NO. 73-234

TIME 14:20 ROD NO. 2139 A6

NOTES CHKD R.G.B. DATE 2-26-71

T = 620

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M 26-5									From B.M. 26-5 To B.M. 26-6
	177			192				151	B.M. 26-5
1	~~176~~	898	478 5	162 30	136	421	437 5	121 30	LAS TUNAS & CHAMPION PL.
									F.B. 1388-205
2			5						T. RODRIGUEZ
				189				148	
B.M. 26-6	163	251	464 5	142 42	127	070	428 5	106 42	B.M. 26-6
	+ 341	149 ✓		72 ✓	263	491 ✓		72 ✓	LAS TUNAS & BRIDGE ST.
	- 263	491						72	F.B. 1388-206
	+ 77	658 ✓						144 ✓	

T=

F.B. 4108 PG. 203

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

SURVEY BY Randall WEATHER _____ INST. NO. _____

NOTES BY _____ DATE _____ TIME _____ ROD NO. _____

INDEXED _____ DATE _____ NOTES CHKD _____ DATE _____

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
									See Pg. 204 for Rerun

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

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76P526B CE # 308 8/68

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Do not extend notes this side of this line.

RERUN

F.B. 4108 PG. 204 JOB NO. 030102

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES Anderson DATE: 2-Feb. '71

INDEXED B.J. GALLI DATE

WEATHER Cloudy & Calm INST. NO. 7523

TIME 10:46 ROD NO. 2/39A

NOTES CHKD Blanchard DATE 2-26-71

T=560

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM 26-5	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM BM 26-5 TO BM 26-6
×			219				167		BM 26-5
1	193 580	494 5	167	52	125 529	426 5	99	52	Las Tunas @ Champion Pl.
			173				164		F.B. 1388-205
2	164 879	465 5	155	18	155 351	456 5	146	18	T Rodriquez (RERUN)
				70				70	
B.M. 26-6	358459				280880			70	B.M. 26-6
	280 880							140	LAS TUNAS & BRIDGE ST.
	+ 77579								F.B.

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY J. RANDORF

NOTES BY R. ANDERSON DATE 26 - JAN. 1971 WEATHER CLEAR & COLD TIME 15:15 INST. NO. 75234

INDEXED G. J. GALLI DATE FEB 10 71 NOTES CHKD Nachbar DATE 2-26-71 ROD NO. 2179 A&B

T = 82°

F.B. 4208 PG. 205

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 26-5	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 26-5 TO B.M. 26-4
1	199	882	500	5	286	801	587	5	B.M. 26-5
				212 186 26 167				298 274 24 282	LAS TUNAS & CHAMPION RD.
2	161	232	462	5	276	781	577	5	F.B. 1388-205
				155 12 240 38				270 12 270 36	T. RODRIGUEZ
B.M. 26-4	238	898	539	5	268	620	569	5	B.M. 26-4
				236 4				266 4	
	+ 600	012 ✓		42	832	202 ✓		40	LAS TUNAS & FLOOD CONTROL H.W.
					+ 600	012		12	F.B. 1388-205
					~~231 190~~			82 ✓	
					232	190 ✓			

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
B.M. 26-4	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 26-4 TO B.M. 26-5
			299			14	B.M. 26-4
1	299 062	600 5	296½ 6	11 171	312 5	8 6	LAS TUNAS @ FLOOD CONTROL HD. WALL
			156			210	F.B. 1388-205
2	151 281	452 5	146 10	206 962	507 5	202 8	T RODRIEUEZ
	450 343 ✓		16	218 133		14 ✓	
B.M. 26-5	218 133					16	B.M. 26-5
	+ 232 210 ✓					30 ✓	LAS TUNAS & CHAMPION PL.
							F.B. 1388-205

WEATHER OVERCAST & COLD INST. NO. 75234

TIME 14:05 ROD NO. 2/37 A

NOTES CHKD Blanchard DATE 2-26-71

TE 620

F.B. 4108 PG. 206 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Gordon NOTES Anderson DATE: 1-FEB. '71

INDEXED G. J. GALLI DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 26-4									FROM BM 26-4 TO BM 26-3B
				105				61	BM 26-4
1	91	532	392 5	77 28	47	968	348 5	33 28	Las Tunas @ Flood Control Headwall
				289				61	FB 1388-205
2	286	802	587 5	283 6	57	072	358 5	53 8	
				131 34				46 (½) 36	
3	96	225	397 5	61 70	12	355	313 5	12 68	T Andersen
				274 (½) 104				104	
4	274	572	575 5	244 60	56	092	357 5	60	
				258 164				164	
5	224	965	525 5	190 68	66	140	367 5	68	
				220 232				51 (½) 232	
6	184	638	485 5	148 72	15	228	316 5	15 72	
				212 304				98 304	
7	196	198	497 5	180 32	82	047	383	66 32	
				148 336				167 336	
8	146	299	447 5	144 4	165	372	466 5	163 4	
				340				340	
	+ 1501	231			502	274		340	BM 26-3B
BM 26-3B	- 502	274						680	Bridge St. @ Sycamore Dr.
	+ 998	957							FB 3713-194

247

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

SURVEY BY Randall

NOTES BY Miyahira

INDEXED G. J. GALLI

DATE 27 Jan '71

DATE FB 1077

WEATHER Clear & Calm

TIME 0900

NOTES CHKD Blanchard

INST. NO. 75234

ROD NO. 2139A.B

DATE 2-26-71

T= 70

F.B. 4108 PG. 29

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 4108 Pg. 208 | JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Brooks NOTES Miyahira DATE: 1 Feb '71

INDEXED G. GALLI DATE

WEATHER Calm & Clear INST. NO. 7523

TIME 1315 ROD NO. 21394

NOTES CHKD Blanchard DATE 2-26-71

T = 66

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM 26-3B											From BM 26-3B to BM 26-4
											BM 26-3B
1	53	767 ~~883~~	354	5	(½) 88 63 70	264	942	565	5	298 230 68	Bridge St @ Sycamore Dr.
	~~87~~	~~84~~									FB 3713-194
2	87	888	388	5	122 52 70 / 140	211	506	512	5	248 174 74 / 142	
3	87	763	388	5	111 63 48 / 188	207	862	508	5	232 182 50 / 192	T Anderson
4	62	532	363	5	87 37 50 / 238	243	068	544	5	268 218 50 / 242	
5	31	948	382	5	49 13 36 / 274	127	952	428	5	149 110 34 / 276	
6	113	738	414	5	136 90 46 / 320	269	398	570	5	293 245 48 / 324	
7	88	064	389	5	111 66 56 / ~~376~~ 376	199	858	500	5	225 173 52 / 376	
	+ 525	700				1524	586				
BM 26-4						− 525	700			376 / 752	BM-26-4
						998	886				Las Tunas @ Flood Control Headwall
											FB 1388-205

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY Randall

NOTES BY Miyahira

INDEXED C. J. GALLI

DATE 27 Jan '71

DATE FEB 10 '71

WEATHER Clear & Calm

TIME 1000

NOTES CHKD Blanchard

DATE 2-26-71

INST. NO. 75234

ROD NO. 2139A-B

T= 76

F.B. 4108 PG. 209

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM 26-3B											From BM 26-3B To BM 26-3
					219					157	BM 26-3B
1	194	892	495	5	169 50	131	924	432	5	105 52	Bridge St. @ Sycamore Dr.
					246					90	FB 3713-194
2	219	980	520	5	192 54	62	179	363	5	34 56	
					253 104					66 108	
3	223	225	524	5	193 60	36	743	337	5	6 60	T Anderson
					226 164					205 168	
4	194	648	495	5	162 64	173	583	474	5	141 64	
					131 228					280 232	
5	100	686	401	5	69 62	251	745	552	5	222 58	
					77 290					254 290	
6	60	813	361	5	43 34	236	918	537	5	218 36	
					170 324					83 326	
7	155	632	456	5	140 30	68	944	369	5	53 30	
					150 354					148 356	
8	147	058	448	5	144 6	145	193	446	5	142 6	
+	1296	928 ✓			360 ✓	1107	229 ✓			362 ✓	
BM 26-3 -	1107	229								360	BM 26-3
+	189	699 ✓								722 ✓	Alhambra Rd @ Roses Road
											FB 1388-204

255

F.B. 4108 PG. 210 | JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Cooper NOTES Miyahira DATE 1 Feb 71

INDEXED C.L.GALL DATE

T = 58°

WEATHER Calm & Haze INST. NO. 73234

TIME 1130 ROD NO. 213941

NOTES CHKD Blanchard DATE 2-26-71

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS From BM 26-3 To BM 26-3B
BM 26-3									BM 26-3
+									Alhambra Rd @ Roses Rd
									FB 1988-204
1	50 ~~31~~	445	351 5	72 28 44	124	322	425 5	146 102 44	
2	256	241	557 5	275 237 38 82	55	272	356 5	75 35 40 84	
3	206	743	507 5	241 171 70 152	106	902	407 5	(1) 141 (2) 106 70 154	X Anderson
4	183	858	484 5	208 158 50 202	204	917	505 5	229 179 50 204	
5	37	046	338 5	72 2 70 272	251	442	552 5	286 216 70 274	
6	88	200	389 5	107 69 38 310	203	640	504 5	224 182 42 316	
7	142	230	443 5	152 132 20 330	152	067	453 5	168 144 16 332	
8	128	769	429 5	141 115 26 356	184	534	485 5	197 171 26 358	
	+1093	532			1283	096		356	
BM 26-3B					+1093	532		714	BM 26-3B
					189	564			Bridge St. @ Sycamore Dr
									FB 3713-194

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY Randall

NOTES BY Miyahira

INDEXED G. I. GALLI

DATE 27 Jan '71

DATE FB 1077

WEATHER Clear & Calm

TIME 1020

NOTES CHKD B. Kaneyuki

DATE 2-26-71

INST. NO. 75234

ROD NO. 21391-B

T = 76

F.B. 4108 PG. 211

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 26-3													FROM BM 26-3 TO BM 26-2A
					277						59		BM 26-3
1	251	788	552	5	225	52	33	880	334	5	7	52	Alhambra Rd @ Roses Rd
					262						(½) 49		FB 1388 - 204
2	233	192	534	5	204	58	19	144	320	5	19	60	
					49	110						112	
~~3~~	~~19~~	~~144~~	~~320~~	~~5~~	~~19~~	—				5		—	T Anderson
					261						85		
3 ~~3~~	241	894	542	5	221	40	65	782	366	5	45	40	
					301	150					53	152	
4	265	902	566	5	229	72	16	185	317	5	(½) 16	74	
					280	222					112	226	
5	252	548	553	5	224	56	86	198	387	5	60	52	
					(½) 293	278					(½) 66	278	
6	293	598	594	5	259	68	31	553	332	5	31	70	
					(½) 276	346					82	348	
7	276	625	577	5	245	62	53	131	354	5	24	58	
					(½) 298	408					(½) 37	406	
8	298	580	599	5	271	56	10	008	311	5	10	54	
					229	464					106	460	
9	216	668	517	5	203	26	91	398	392	5	76	30	
	+2330	795 ✓				490	407	279 ✓				490 ✓	
BM 26-2A	407	279				—						490	BM 26-2A
	~~+1923~~	~~526~~										980 ✓	Huntington Dr @ Warwick Rd
	+1923	516											FB 1388 - 203

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F.B. 4108 PG. 212 JOB NO. 030.02

SURVEY OF L.A.C. Precise Level Net

SURVEY BY Rodall NOTES Miyahira DATE

INDEXED ~~G.L.~~ DATE

WEATHER Calm & Hazy INST. NO. 1523

TIME 1025 ROD NO. 2139

NOTES CHKD. Blackwood DATE 2-26-71

T = 56°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM 26-2A									FROM BM 26-2A TO BM 26-3
									BM 26-2A
1	63	093	364 5	86 46 / 40 ~~86~~	255	850	556 5	278 / 232 46	Huntington Dr @ Warwick Rd
									FB 1388-203
2	25	800	326 5	42 / 8 34 / 80	260	562	561 5	277 / 243 34 / 80	
3	26	572	327 5	(½) 61 / 26 70 / 150	231	418	532 5	(½) 231 / 202 58 / 138	T Anderson
4	26	700	327 5	(½) 54 / 26 56 ~~28~~ / 206	287	086	588 5	(½) 287 / 254 66 / 204	
5	82	653	383 5	111 / 53 58 / 264	244	212	545 5	273 / 215 58 / 262	
6	36	705	337 5	58 / 14 44 / 308	214	078	515 5	240 / 188 52 / 314	
7	34	458	335 5	64 / 4 60 / 368	242	813	543 5	269 / 215 54 / 368	
8	10	795	311 5	(½) 42 / 10 64 / 432	273	788	574 5	(½) 73 / 42 62 / 430	
9	31	613	332 5	62 / 0 62 / 494	249	920	550 5	278 / 220 58 / 488	
10	144	400	445 5	145 / 143 2 / 496	146	620	447 5	149 / 143 6 / 494 ✓	
	+ 482	789 ✓			2406	347 ✓			
BM 26-3					− 482	789		496	BM 26-3
					1923	558 ✓		990 ✓	Alhambra Rd @ Roses Rd.
									FB 1388-204

76P526B CE # 308 8/68

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

SURVEY BY Randall NOTES BY Rodriguez DATE 27 Jan 71 WEATHER Clear INST. NO 75234

TIME 0111.10 ROD NO 13948

INDEXED G. T. GANT DATE FEB 10 '71 NOTES CHKD Blankenship DATE 2-26-71

F.B. 4108 PG. 213

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
BM26-2A	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BMR6-2A TO BMR6-2
							BM26-2A (ALT J-10 RM 2) HUNTINGTON DR @ Warwick Rd. S.E. COR F.B. 1388-203
1.	177 563	478 5	186 168 18	174 933	475 5	184 164 20 18 38	T Myihaira
B.M.26-2	+ 177 563			- 174 933			
	- 174 933						
	+ 2630						
							BM 26-2 (ALT J-10) HUNTINGTON DR @ Warwick Rd Center Divider AL F.B. 1388-203

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F.B. 4108 Pg. 214 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Ronsell NOTES Rodriguez DATE: 2-1-71

INDEXED G.J. GAFLI DATE

WEATHER Overcast INST. NO. 75231

TIME 10:10 ROD NO. 2194

NOTES CHKD Blanchard DATE 2-26-71

Tc 48°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
BM 26-2							FROM BM 26-2 TO BM 26-2A
							BM 26-2
							HUNTINGTON DR @ WARWICK Rd
1	168 933	469 5	179 157 22	171 531	472 5	180 162 18	CTR - DIVIDER
						22	F.B. 1388-203
	168 933			171 531		40	
				168 933			
				+ 2598			
							T MIYAHIRA
BM 26-1A							BM 26-1A (ALT-J-10 RM2
							HUNTINGTON DR @ WARWICK Rd
							S.E. COR
							F.B 1388-203

76P526B CE # 308 8/68

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM 26-2											FROM BM 26-2 TO BM 26-1A
1	188	871	489	5	218 158 60	122	711	423	5	152 92 40	BM 26-2 (ALT J-10)
											HUNTINGTON DR @ WARWICK Rd
2	277	745	578	5	½) 277 241 72	31	419	332	5	½) 69 31 76	CTR- DIVIDER
											F.B 2388-203
3	174	725	475	5	194 154 40 132	115	145	416	5	134 96 38 136	
											T Miyahira
4	232	219	533	5	265 199 66 172	72	733	373	5	104 40 64 174	
5	221	393	522	5	258 184 74 238	44	083	345	5	80 8 72 238	
6	249	547	550	5	273 225 48 312	58	289	359	5	84 32 52 310	
7	212	325	513	5	227 197 30 360	112	529	413	5	84 127 91 36 392	
	+ 1556	825			390	1556	909			390	
BM 26-1A	- 556	909								782	BM 26-1A
	+ 999	916									VIRGINIA Rd & SHENANDOAH
											SO. SIDE
											F.B 3713-188

265

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

SURVEY BY Rodriguez Randall DATE 22 JAN 71 WEATHER Clear INST. NO 75234

NOTES BY TIME 0 11:20 ROD NO 2359 A&B

INDEXED L.J. GALL DATE FEB 10 71 NOTES CHKD Blanchard DATE 2-26-71

F.B. 4108 Pg 25

T 88°

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM 26-1A									FROM BM 26-1A TO BM 26-2
1	160	097	401 5	179 81 38	218	419	519 5	236 200 36	BM 26-2
									Virginia Rd & Shenandoah
2	11	465	312 5	1/2) 42 11 62	288	459	589 5	1/2) 288 256 64	So. side
								100	FB 3713-188
3	83	793	384 5	168 52 62	194	721	495 5	225 163 62	
				100				162	
4	104	433	405 5	116 92 24	160	470	465 5	172 148 24	T Miyahira
				162				186	
5	102	677	403 5	116 88 28	168	400	469 5	188 153 30	
				186				216	
6	100	875	401 5	138 62 76	259	483	560 5	245 223 72	
				214				288	
7	11	961	312 5	1/2) 43 11 64	178	848 ~~341~~	479 5	~~215~~ ~~125~~ ~~138~~ 66	211 145
				290				354	
8	138	470	439 5	154 122 32	185	149	486 5	201 169 32	
	+ 653	971 ✓		386	1653	949 ✓		386 ✓	
					− 653	971		386	
BM 26-2					− 999	978 ✓		772 ✓	BM 26-2 (ALT J-10)
									Huntington Dr & Warwick Rd
									Ctr Divider
									FB 1388-203

T = 52"

WEATHER Overcast INST. NO. 75231

TIME 08:35 ROD NO. 21316

NOTES CHKD Blanchard DATE 2-26-11

F.B. 4108 PG. 216 JOB NO. 030101

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Bergh NOTES DATE

INDEXED B. J. GALLI DATE

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Randall
NOTES BY Rodriguez DATE 27 Jan 71 TIME 1300 13:20 WEATHER Clear INST. NO. 72234
INDEXED C.J. GALL DATE FEB 10 71 NOTES CHKD Blanchard DATE 2-26-71 ROD NO. 259 HB
F.B. 4408 PG. 217
F.B. 88

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 26-1A													From BM 26-1A To BM 26-1
1	219	881	520	5	233 203	32	80	945	381	5	96 64	32	BM 26-1A
													Virginia Rd @ Shenandoah
2	226	573	527	5	248 204	44	17	279	318	5	38 1/2 17	42	So, side
						76						74	F.B. 3713-188
3	256	863	557	5	268 244	24	19	135	320	5	31 87	24	
						100						98	
4	271	093	572	5	282 260	22	12	235	313	5	23 1/2 12	22	T Miahira
						122						120	
5	266	517	567	5	277 255	22	23	939	324	5	35 9	24	
						144						144	
6	280	760	581	5	291 269	22	19	473	320	5	30 8	22	
						166						166	
7	276	270	577	5	286 266	20	36	790	337	5	46 26	20	
						186						186	
8	277	509	578	5	288 266	22	21	385	322	5	32 10	22	
						208						208	
9	271	721	572	5	282 260	22	25	363	326	5	36 14	22	
						230						230	
10	265	267	566	5	276 254	22	13	669	314	5	24 2	22	
						252						252	+ 3588.480
11	248	425	549	5	260 236	24	12 ~~14~~	415 ~~577~~	313	5	24 1/2 12	24	- 561.873
						276						276	+ 3026.607 ✓
12	296	706	597 ~~594~~	5	296 1/2 283	26	14	807	315	5	26 2	24	
						302						300	
13	267	591	568	5	278 256	22	93	991	394	5	105 81	24	
						324						324	
14	163	305	464	5	270 156	14	170	447	471	5	177 161	16	BM 26-1
	+ 3588	480 ✓	See Dif. @ Right			338 ✓	561	873 ✓				340 ✓ 338 678 ✓	Virginia Rd & Rosalind Rd
													F.B. 1388-202

247

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F.B. 4108 PG. 218 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Landell NOTES Rodriguez DATE: 29 Jan 71

INDEXED G. L. GALLI DATE

WEATHER Clear

TIME 13:45

NOTES CHKD Blanchard DATE 2-26-71

INST. NO. 75523

ROD NO. 21324

T = 88°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 26-1													From BM 26-1 To BM 26-1A
1	114	293	415	5	135 93	42	293	423	594	5	296 276	38	
2	9	781	310	5	19	20	291	443	592	5	301 281	20	BM 26-1
3	14	241	315	5	25 3	22	268	443	569	5	255 231	26	Virginia & Rosalind Rd
4	15	609	316	5	27 3	24	290	233	591	5	302 278	84 24	F.B 1388-202
5	27	581	328	5	37 17	108 20	272	397	573	5	283 261	108 22	
6	18	199	319	5	29 7	128 22	278	463	579	5	289 267	130 22	T Miahira
7	16	675	317	5	26 6	150 20	264	413	565	5	274 254	152 20	
8	28	531	329	5	40 16	170 24	292	759	593	5	301 283	172 18	
9	136	807	437	5	146 126	194 20	272	573	573	5	283 261	190 22	
10	17	703	318	5	27 7	214 20	282	110	583	5	294 270	212 24	
11	32	673	333	5	42 22	234 20	240	567	541	5	249 231	236 18	
12	58	133	359	5	69 47	259 22	207	319	508	5	218 196	254 22	
13	69	527	370	5	86 52	276 34	214	615	515	5	231 197	276 34	
14	94	803	395	5	106 82	310 24	185	567	486	5	197 173	316 24	
15	131	601	432	5	134 128	334 06	156	293	457	5	159 153	334 06	
BM 26-1A	+ 786	157				340	3812618					340	BM 26-1A
							+ 786 157					340	Virginia Rd & Shenandoah
							3026461					680	F.B 1388-202

76P526B CE # 308 8/68

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

SURVEY BY Randall NOTES BY Miyahira DATE 28 Jan '71 WEATHER Clear & Calm INST. NO. 75234

INDEXED G.J. GALLI DATE FB 1077 NOTES CHKD. Blanchard DATE 2-26-71 ROD NO. 2139A-B

T = 76°

F.B. 4108 PG. 219

STATION	BACKSIGHT RIGHT	MIC.	LEFT	MIC.	STADIA		FORESIGHT RIGHT	MIC.	LEFT	MIC.	STADIA		DESCRIPTION AND REMARKS
BM 26-1													FROM BM 26-1 TO BM 26-1B
					241						159		BM 26-1
1	207	977	508	5	173	68	125	780	426	5	91	68	Virginia Rd & Rosiland Rd.
					205						113		FB 1388-202
~~2~~	~~184~~	~~283~~	~~485~~	~~5~~	~~163~~	~~42~~	~~98~~	~~647~~	~~399~~	~~5~~	~~83~~		
					205	~~110~~					63		
2	184	283	485	5	163	42	43	567	344	5	23	40	T Randall
					273	110					43	108	
3-4	262	515	563	5	251	22	33	785	334	5	23	20	
					(½) 300	132					19	128	
4	300	545	601	5	291	18	9	951	310	5	9	20	
					297	150					25	148	
5	297	025	598	5	288	18	15	890	316	5	5	20	
					25	168						168	
~~6~~	~~15~~	~~890~~	~~316~~		~~5~~								
					272						89		
6	262	533	563	5	252	20	79	789	380	5	69	20	
					298	188					125	188	
7	272	587	573	5	246	52	102	009	403	5	79	46	
					240	240					149	234	
8	205	827	506	5	170	70	111	159	412	5	73	76	
					234	310					161	310	
9	199	883	500	5	164	70	126	579	427	5	91	70	
					221	380					166	380	
10	184	109	485	5	145	76	128	511	429	5	90	76	
11	125	109	426	5	142	456	148	180	449	5	166	456	
					108	34					136	36	
12	47	831	348	5	76	420	138	945	439		167	492	
					18	58					109	58	
BM 26-1B						548	1064	145				550	BM 26-1B
	+ 2550224											548	Arden Rd
	- 1064145											1098	3713-203
	= 1486079												

315

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F.B. 4108 Pg. 220 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net DATE 29-Jan. '71

SURVEY BY Bendell NOTES

INDEXED G.M. GALLI DATE

WEATHER CLEAR & CALM INST. NO. 7523

TIME 11:10 ROD NO. 239m

NOTES CHKD Blanchard DATE 2-26-71

T = 78°

STATION	BACKSIGHT Right Mic.	Left	Stadia	FORESIGHT Right Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M.26-1B							FROM B.M.26-1B TO B.M.26-1
1	139 940	440 5	170 108 62	96 500	397 5	130 64 64	B.M.26-1B
2	209 072	510 5	236 182 54	155 730	456 5	182 ~~48~~ 128 ~~12~~ 54	ARDEN RD.
3	120 950	421 5	158 82 76	184 222	485 5	223 118 145 78	F.B. 3713-203
4	119 112	420 5	154 84 70	191 220	492 5	224 196 158 66	
5	102 438	403 5	138 66 72	237 ~~238~~ 968	538 5	273 262 201 72	T RODRIGUEZ
6	16 399	317 5	42 16 ½ 52	282 241	583 5	282 334 256½ 52	
7	43 711	344 5	52 34 18	290 010	591 5	299 386 281 18	
8	25 890	326 5	34 16 18	295 908	596 5	295 404 286½ 18	
9	10 841	311 5	20 0 20	251 650	552 5	260 422 242 18	
10	50 360	351 5	~~576~~ 442 ~~353~~ 32	218 282	519 5	235 440 201 34	
11	129 899	430 5	166 92 74	190 232	491 5	225 474 155 70	
12	159 308	460 5	164 154 10	220 140	521 5	226 594 214 12	
	+ 1127 920		558	264 103		556	
B.M.26-1				+ 1127 920		558	B.M.26-1
				1486 183		1114	VIRGINIA RD. & ROSALIND RD.
							F.B. 1388-202

76P526B CE # 308 8/68

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 26-1B	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 26-1B TO B.M. ~~26~~ 24-5
1	220	641	521 5	(½) 220 206 28	51	083	352 5	63 39 24	B.M. 26-1B
									Arden Rd. b/w. LAKE & MENTOR
2	295	067	596 5	(½) 295 280 22	30	645	331 5	42 18 24	F.B. 3713-203
				50				48	
3	247	713	548 5	282 212 70	65	005	366 5	99 31 68	T Miyahira
				120				116	
4	235	683	536 5	(½) 235 199 72	48	057	349 5	85 11 74	
				192				190	
5	232	633	533 5	266 198 68	60	591	361 5	95 25 70	
				260				260	
6	189	313	490 5	205 173 32	148	251	449 5	164 132 32	
	+ 1421050 ✓			292 ✓	403 632 ✓			292 ✓	B.M. 24-5
B.M. 24-5	- 403 632							292	LAKE & California in street
	+ 1017418 ✓							584 ✓	F.B. 1387-10

228

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

SURVEY BY Bonnell

NOTES BY "

INDEXED G. J. GALLO

DATE 28-JAN-71

DATE FEB 10 71

WEATHER Cloudy - Clm

TIME 13:35

NOTES CHKD Blanchard

INST. NO. 3224

ROD NO. 213919

DATE 7-26-71

TE 820

F.B. 408 PG. 221

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 408 Pg. 222 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Gandy NOTES Rodriguez DATE 29 Jan 71

INDEXED B.B. GALLI DATE

WEATHER Clear INST. NO. 7523

TIME 0 10:25 ROD NO. 2139A

NOTES CHKD Bernard DATE 2-26-71

T = 74°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 24-5													From BM 24-5 To BM 26-1B
1	166	659	467	5	177 155	22	174	305	475	5	185 163	22	BM 24-5 California & Lake in Street
2	40	435	341	5	75 5	70	218	645	519	5	254 182	72	F.B. 3387-10
3	49	389	350	5	85 11	92 74	235	651	536	5	272 198	94 74	
4	49	077	350	5	84 14	166 70	228 ~~288~~	669	529 ~~58~~	5	263 193	168 70	T. Miyahira
5	89	887	390	5	102 76	236 26	276	521	577	5	289 263	238 26	
6	32	245	333	5	39 25	262 14	199	677	500	5	205 195	264 10	
7	68	143 ~~24~~	369	5	71 59	276 18	179	803	480	5	189 169	274 20	
	+ 495	835				294	1513	271				294	
							- 495	835				294	
							1017	436				588	
BM 26-1B													BM 26-1B Arden Rd between Lake & Mentor N. Side F.B. 3713-203

76P526B CE # 308 8/68

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
B.M. 24-5	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 24-5 TO B.M. 24-5A
							B.M. 24-5
							LAKE & CALIFORNIA in street
							F.B. 1387-10
1	186 397	487 5	196 176 20	132 073	433 5	144 120 24	T Miyahira
	+ 186 397			- 132 073		24	
B.M. 24-5A	- 132 073					20	B.M. 24-5A
	+ 54 324 ✓					44 ✓	LAKE & CALIFORNIA N.E. Cor.
							F.B. 3713-92

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

SURVEY BY Eng dept WEATHER

NOTES BY " INST. NO. 25234

INDEXED G. L. GALLI DATE 28-JAN-71 TIME ROD NO. 2139AB

DATE FEB 10 71 NOTES CHKD. Blanchard DATE 2-26-71

7=860

F.B. 4108 PG. 223

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INST. NO. 7521 ROD NO. 2491 DATE 2-20-7

WEATHER Clear TIME 0900-1115 NOTES CHKD Blanchard

T=

F.B. 4108 PG. 221 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randell NOTES Rodriguez DATE: 29 Jan 71

INDEXED C. J. GALLI DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 24-5A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 24-5A TO B.M. 24-5
									B.M. 24-5A California & Lake N.E. Cor. F.B. 3713-92 X Migahira
1	133	973	434	5	188	353	489	5	
				143				200	
				123 20				176 24	
								20	
								44 ✓	
	+133	973			-188	353			
					+133	973			
B.M. 24-5					-54	380 ✓			B.M. 24-5 California & Lake ℄ F.B. 3387-10

76P526B CE # 308 8/68

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STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
B.M. 24-5A											From B.M. 24-5A To B.M. 24-4A
1	107	925	408	5	85 44	256	433	557	5	233 46	B.M. 24-5A
											LAKE & CALIFORNIA N.E. Cor.
2	42	098	343	5	22 40	228	582	529	5	206 44	F.B 3713-92
3	176	343	477	5	140 72	110	142	411	5	76 68	
4	176	288	477	5	140 72	143	573	444	5	111 64	T Anderson
5	92	608	393	5	61 62	158	112	459	5	125 66	
6	86	160	387	5	59 54	242	559	543	5	216 52	
7	19	739	320	5	½) 19 36	250	773	551	5	½) 221 58	
8	227	772	528	5	192 70	81	226	382	5	57 48	
9	159	603	460	5	126 66	231	835	532	5	195 72	
10	131	188	432	5	128 6	160	011	461	5	157 6	B.M. 24-4A
	+1219	724 ✓			522	1863	246 ✓			524 ✓	California & Hill Ave. N.W. Cor.
B.M. 24-4A						+1219	724			522	F.B. 3713-90
						643	522 ✓			1046 ✓	

T = 86°

330

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

SURVEY BY Reynolds WEATHER Cloudy - Calm INST. NO. 75234

NOTES BY " DATE 28-Jan-71 TIME ROD NO. 2139A.B

INDEXED O.J. GALLI DATE FEB 10 71 NOTES CHKD. Bouchard DATE 2-26-71

F.B. 4108 Pg. 225

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F.B. 4108 PG. 2226 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Rosell NOTES M. Yahira DATE: 29 Jan '71

INDEXED G. T. GALLI DATE

WEATHER Clear & Calm INST. NO. 7523

TIME 0915 ROD NO. 2139

NOTES CHKD Blanchard DATE 2-26-71

T = 76

STATION	BACKSIGHT Right Mic.	Left	Stadia	FORESIGHT Right Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 24-4A							FROM B.M. 24-4A TO B.M. 24-5A
1	163 585	464 5	166 / 160 — 6	134 048	435 5	137 / 131 — 6	B.M. 24-4A
2	228 602	429 5	261 / 195 — 66 / 72	151 047	452 5	182 / 120 — 62 / 68	California & Hill N.W. Cor. F.B. 3713 - 90
3	64 734	365 5	97 / 31 — 66 / 138	226 622	527 5	259 / 193 — 66 / 134	X Anderson
4	157 442	458 5	171 / 143 — 28 / 166	16 260	317 5	(1) 32 / (2) 16 — 32 / 166	
5	241 641	542 5	257 / 225 — 32 / 198	57 388	358 ~~72~~ ~~+25~~	~~72~~ / ~~42~~ — 30 / 196	
6	233 600	534 5	269 / 197 — 72 / 270	106 187	407 5	142 / 70 — 72 / 268	
7	172 730	473 5	208 / 136 — 66 / 336	143 502	444 5	~~184~~ / ~~136~~ — 74 / 342	
8	101 201	402 5	136 / 66 — 70 / 406	166 300	467 5	201 / 131 — 70 / 412	
9	117 238	418 5	142 / 92 — 50 / 456	60 370	361 5	83 / 37 — 46 / 458	
10	240 292	541 5	260 / 220 — 40 / 496	39 997 ~~987~~	340 5	58 / 26 — 32 / 496	
11	153 982	454 5	159 / 147 — 12 / 508	130 233	431 5	136 / 124 — 12 / 508	
	+ 1875 047			1231 954		508 / 1016	BM 24-5A
BM 24-5A	- 1231 954						Lake Ave @ California Blvd N.E. ly Cor. FB 3713 - 92
	+ 643 093						

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

RERUN

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
B.M.24-5A											FROM B.M.24-5A TO B.M.24-4A
1	123	130	424	5	135 / 111 — 24	204	202	505	5	217 / 191 — 26	B.M.24-5A
											LAKE & California N.E. Cor.
2	44	382	345	5	64 / 24 — 40 / 64	240	958	541	5	260 / 220 — 40 / 66	F.B. 3713-92
3	135	635	436	5	172 / 98 — 74 / 138	116	213	417	5	153 / 79 — 74 / 140	T Anderson
											RERUN
4	184	602	485	5	221 / 147 — 74 / 212	136	684	437	5	170 / 102 — 68 / 208	
5	107	155	408	5	143 / 71 — 72 / 284	178	312	479	5	214 / 142 — 72 / 280	
6	86	634	387	5	113 / 69 — 54 / 338	282	238	583	5	(1/2) 282 / 256 — 52 / 332	
7	19	243	320	5	36 / 2 — 34 / 372	240	225	541	5	257 / 223 — 34 / 366	
8	209	677 ~~977~~	510	5	(1/2) 209 / 175 — 68 / 440	61	098	362	5	93 / 29 — 64 / 430	
9	169	120	470	5	202 / 136 — 66 / 506	230	556	531	5	267 / 193 — 74 / 504	
10	131	920	432	5	134 / 128 — 6 / 512	164	654	465	5	168 / 160 — 8 / 512	
	+ ~~1214~~					1855	140			512	
BM 24-4A	1211	498				+ 1211	498			1024	BM 24-4A
						643	642				California & Hill Ave. N.W. Cor
											FB 3713-90

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

SURVEY BY Randall WEATHER Calm & Cloudy INST. NO. 75234

NOTES BY Miyahira TIME 1120 ROD NO. 2139A-B

INDEXED G.G. GALLI DATE 2 Feb '71 NOTES CHKD Blanchard DATE 2-26-71

DATE FEB 10 '71

T. 58

F.B. 4108 PG. 207

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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RERUN

F.B. 4109 Pg. 288 JOB NO. 030.0C

SURVEY OF L.A.C. Precise Level Net

SURVEY BY Randall NOTES

INDEXED B.D. GALLI DATE

T = 58

WEATHER Clear & Calm INST. NO. 75231

TIME 1330 ROD NO. 2137A

NOTES CHKD Blanchard DATE 2-26-7

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 24-4A													From ~~24-A~~ BM 24-4A To BM 24-5A
1	159	414	460	5	162 / 156	6	133	172	434	5	136 / 130	6	BM 24-4A
2	234	493	535	5	270 / 198	72 / 78	167	105	468	5	203 / 131	72 / 78	~~Hill~~ California @ Hill NW Cor
3	66	539	367	5	96 / 36	60 / 138	210	070	511	5	240 / 180	60 / 138	π Anderson (RERUN)
4	220	589	521	5	240 / 200	40 / 178	10	052	311	5	(½) 30 / 10	40 / 178	
5	267	572	568	5	289 / 245	44 / 222	78	553	379	5	99 / 57	42 / 220	
6	177	182	478	5	212 / 142	70 / 292	105	573	406	5	138 / 72	66 / 286	
7	150	738	451	5	187 / 113	74 / 366	166	132	467	5	202 / 130	72 / 358	
8	103	888	404	5	139 / 67	72 / 448	172	462	473	5	212 / 132	80 / 448	
9	215	632	516	5	233 / 197	36 / 484	48	628	349	5	66 / 30	36 / 484	
10	223	820	524	5	240 / 206	34 / 518	75	302	376	5	92 / 58	34 / 518	
11	142	792	443	5	144 / 140	4 / 522	152	380	453	5	144 / 150	4 / 522	
5A +	1962	679 ✓					1319	429 ✓			512	522	
BM 24-~~4A~~ -	1319	429				512					512	522	BM 24-5A
+	643	250 ✓									1024	~~1044~~ RCB	Lake Ave @ California
													FB 3713-92

76P5288 CE # 308 8/68

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

SURVEY BY Kendall WEATHER Clear Calm INST. NO. 75234

NOTES BY " TIME 09:00 ROD NO. 27398B

INDEXED G.B. GALLI DATE FEB 10 71 NOTES CHKD. Blanchard DATE 2-26-71

DATE 29-JAN-71

F.B. 4108 PG. 229

7E 720

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 24-4A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 24-4A TO B.M. 24-4
									B.M. 24-4A California & Hill Ave. N.W. Cor. F.B. 3713-90 π = Anderson
1	120	800	421	5 129 111 18	151	143	452	5 160 142 18	
								Σ 18	
	+ 120	800			- 151	143		18	
B.M. 24-4					+ 120	800		36 ✓	B.M. 24-4 California & Hill Ave. & Int. F.B. 1387-9
					- 30	343 ✓			

LOS ... 4108

B.M. 24-4	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 24-4 TO B.M. 24-4A
							B.M. 24-4
							California & Hill Ave. ℄ Int.
							F.B. 1387-9
1	149 248	450 5	158 140 18	118 897	419 5	127 109 18	T. Anderson
	+ 149 248			- 118 897		18	
B.M. 24-4A	- 118 897					18	B.M. 24-4A
	+ 30 351 ✓					36 ✓	California & Hill N.W. Cor.
							F.B. 3713-90

T = 720

WEATHER Clear Calm
TIME 09:10
NOTES CHKD. Blanchard

F.B. 4108 PG. 230
JOB NO. 030.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Lundell NOTES NGS 29-Sept-71
INDEXED G.B. GALLI DATE