Survey of L.A. Co. PRECISE LEVEL NET
JN 0301.02 Tape ____ Std ____ °F
Surveyed by R.L. STRADER
Notes R.L.S. Date 1-73
Indexed T. M. PALMER JAN 19 1973

F. B. 4134 PG. 5

PORTION OF LINE 209
BETWEEN SPUNKY CANYON ROAD
AND
VASQUEZ CANYON ROAD

J.N. 0301.02

DECEMBER 1972
AND
JANUARY 1973

REF.
F.B. 3734

SURVEY PARTY
R. STRADER
T. PETERSON, JR.
R. ANDERSON
R. J. RODRIGUEZ
L. LOVE

Microfilmed Dec '84.

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DEPARTMENT OF COUNTY ENGINEER
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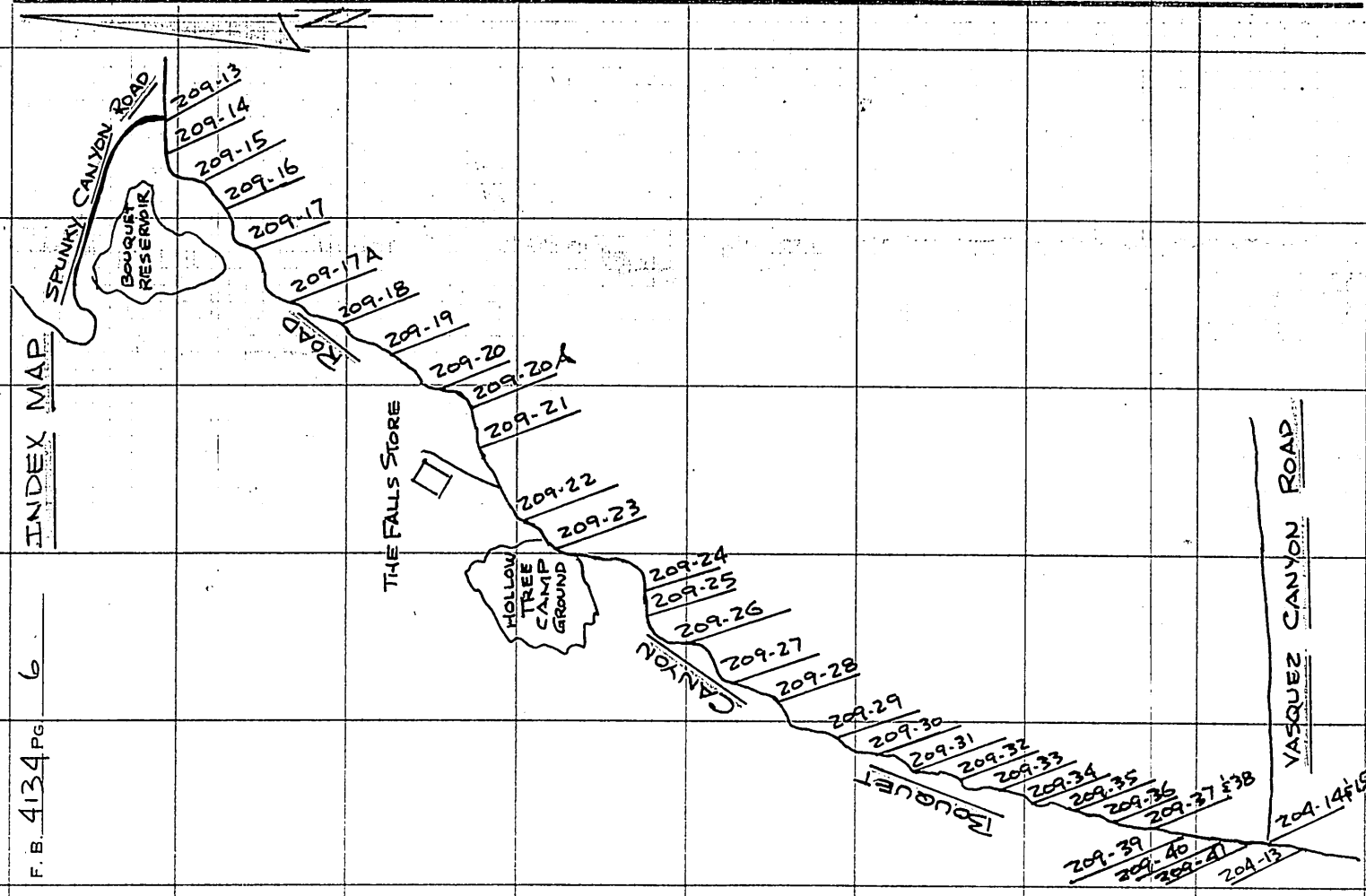

INDEX MAP

F. B. 434 PG. 6

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET F=60'
SURVEY BY STRADER WEATHER CLM-clear INST. NO. 75234
NOTES BY RODRIGUEZ DATE 20-DEC-72 TIME 12:50- ROD NO. 2139MB
INDEXED L. M. PALMERI DATE JAN 19 1973 NOTES CHKD DATE

F.B. 4134 PG. 7

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	163	297	464 5	168 158 10	195	793	496 5	225 165 60	60 M- 10 M= 50 M-0.20 mm
2	170	382	471 5	175 165 10	137	912	438 5	167 107 60	60 M- 10 M= 50 M=0.20 mm
	334	679		20	333	705		120	
		665						-20	
	+	014			-0.40 mm			100	Curvature Corr.=0.40 mm
					333	665			
					-				⊼ PETERSON
	+	0.0014		mm= "C"					
	100 /	0.14							
					-			mm= "C"	
					100 /				

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				DETERMINATION of "C"					
				181				297	
1	176	750	477 5	171 10	297	812	598 5	267 1/2 60	60M - 10 = 50m = 0.20 mm
				157				61	
2	152	470	453 5	147 10	31	371	332 5	31 1/2 60	60 - 10 = 50m. = 0.20 mm
	329	220			329	183			
	329	143				040			
	0	077			329	143			

π = RODRIGUEZ

+ 0.008

100) 0.770

F.B. 4134 PG. 8 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY STRAUER NOTES ~~RODRIGUEZ~~ ANDERSON 21 DEC-72

INDEXED L. M. PALMERI DATE

WEATHER Calm-clear INST. NO. 75234

TIME 15:15 ROD NO.

NOTES CHKD DATE

T=60 740

T=72

F.B. 4134 PG. 9

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

SURVEY BY R. L. STRADER WEATHER CLEAR & CALM INST. NO. 75234

NOTES BY PETERSON DATE 27 DEC 72 TIME 14:50 ROD NO. 2139 AB

INDEXED I. M. PALMERI DATE JAN 19 1973 NOTES CHKD. DATE

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM TO
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	140	100	441 5	145 135 10	178	850	479 5	208 148 60	60 M- 10 M= 50 M-0.20 mm
2	116	637	417 5	121 111 10	77	852	378 5	107 47 60	60 M- 10 M= 50 M=0.20 mm
	256	737		20	256	702		120	
	256	662			-0.40mm			20	Curvature Corr.=0.40mm
	+	075			256	662		100	
					-				
									π ANDERSON
			.008 mm= "C"						
			100 / 0.75						
								mm= "C"	

76P526B CE # 308 8/68

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	NEAR ROD				FAR ROD				
1	148	680	449 5	153 143 10	105	196	406 5	135 75 60	60M - 10M = 50M -0.20mm
2	162	573	463 5	167 157 10	206	232	507 5	236 176 60	60M - 10M = 50M -0.20mm
	311	253		20	311	428		120	
					-0.40mm			-20	
					311	388		100	CORR. 0.40mm
					311	253			
						135			
					100	1.35	.013		

F.B. 4134 PG. 10 JOB NO. 0301.02 T=54

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 29 DEC 72

INDEXED I. M. PALMERI DATE

WEATHER CLEAR ☉ INST. NO. 75294

TIME 14:40 ROD NO. 2139AE

NOTES CHKD. DATE

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER DATE 2 JAN 73 WEATHER CLEAR & COLD
NOTES BY R.L. PETERSON TIME 11:10 INST. NO. 96716
INDEXED L. M. PALMERI DATE JAN 19 1973 NOTES CHKD DATE ROD NO. 2039AB
F.B. 4134 PG. 11
T=56°

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From To
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	110	761	411	5	115 105	10	98	210 ~~148~~	399 5 128 68 60	60 M- 10 M= 50 M-0.20 mm
2	145	803	446	5	150 140	10	158	590	459 5 188 128 60	60 M- 10 M= 50 M=0.20 mm
	256	564				20	256	800	120	
									120
	+						-0.40 mm			Curvature Corr.=0.40 mm
							256	760	100
							256	564	
							-	196	
									T ANDERSON
				mm= "C"					
	/								
								.02	mm= "C"
							100/	1.96	

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				"C"					
1	190	080	491 5	195 185 10	270	680	591 5	300 240 60	60M − 10M = 50M − 0.20MM
2	138	540	439 5	143 133 10	58	360	359 5	38 28 60	60M − 10M = 50M − 0.20MM
	328	620		20	329	040		120	
					0.40MM			−20	CORR. 0.40MM
					329	000		100	
					328	620			
						380			
									π RODRIGUEZ
							.038		
					100		3.80		

F.B. 4134 PG. 12 JOB NO. 0301.02 T= 46

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 3 JAN 73

INDEXED ~~I. M. PALMER~~ DATE

WEATHER CLOUDY & CALM INST. NO.

TIME 15:35 ROD NO.

NOTES CHKD. DATE

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER DATE JAN. 4, '72 WEATHER CLEAR-CALM INST. NO. 96716
NOTES BY R.L.S. TIME 9:00- ROD NO. 239 A
INDEXED J. M. PALMERI DATE JAN 19 1973 NOTES CHKD DATE
F.B. 4134 PG. 13
T=42°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	186	121	487	5 191 181 10	273	262	574	5 273 1/2 243 60	60 M- 10 M= 50 M-0.20 mm
2	137	942	438	5 142 132 10	51	047	352	5 81 21 60	60 M- 10 M= 50 M=0.20 mm
	324	063		20	324	309		120	
								-20	
	+				-0.40mm			100	Curvature Corr.=0.40 mm
					324 2369				
					324 063				
					- 2306				
					206				T. PETERSON
				mm= "C"					
					- .021 mm= "C"				
					100 / 2.060				

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WEATHER Cloudy Calm INST. NO. 96716
TIME ROD NO. 21 39A
NOTES CHKD. DATE

F.B. 4134 PG. 14 JOB NO. 0301.02
SURVEY OF L.A.Co. Precise Level Net
SURVEY BY R.L.S. NOTES R.L. Strader 1-4-73
INDEXED ~~L.M. PALMER~~ DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	131	568	432	5 136 126 10	44	660	345	5 74 14 60	60 M - 10 M = 50 M - 0.20 MM
2	187	431	488	5 192 182 10	274	582	575	5 274 244½ 60	60 M - 10 M = 50 M - 0.20 MM
	318	999		20	319	242		120	
+								- 20	
					-	040	MM	100	CURR. CORR. = 0.40 MM
					319	202			
					318	999			
						203			
									T. T. PETERSON
						.020			
					100	2.03			

76P526B CE # 308 8/68

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

SURVEY BY R.L. STRADER

NOTES BY R.L.S. DATE 1-11-73

INDEXED L. M. PALMERI DATE

WEATHER CLEAR-CALM INST. NO. 96716

TIME 14:45 ROD NO. 2139AB

NOTES CHKD. DATE

F.B. 4134 PG. 15

T=60°

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	107	060	408 5	112 102 10	61	690	362 5	91 31 60	60 M- 10 M= 50 M-0.20 mm
2	158	090	459 5	163 153 10	203	770	504 5	233 173 60	60 M- 10 M= 50 M=0.20 mm
	265	150		20	265	460		120	
								- 20	
	+				-0.40mm			100	Curvature Corr.=0.40 mm
					265	420			
					265	150			
					-	270			
									⊼ R. RODRIGUEZ
				mm= "C"					
						.027		mm= "C"	
					100	2.700			

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F.B. 4134 PG. 16 JOB NO. 0301-02

SURVEY OF L.M. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES RODRIGUEZ 12 JAN 73

INDEXED I. M. PALMERI DATE

INST. NO. 75234

ROD NO. 2139M

DATE

WEATHER Clear

TIME 12:40

NOTES CHKD

TE 60°

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
1	174	488	477 5	181 171 10	273	547	574 5	273 273 60	60-10 = 50 = 0.20
2	148	061	449 5	153 143 10	50	898	351 5	80 20 60	60-10 = 50 = 020
	324	549		20	324	445		120	
	324	405				-0.40		-20	
		1.44			324	405		100	CURV CORR = 0.40
									↑ STRADER
									#75234 INSTRUMENT RETURNED FROM SERVICING
		0.014 = C			100				
	100	1.44							

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RLS
NOTES BY RODRIGUEZ DATE 15 JAN 73
INDEXED L. M. PALMERI DATE JAN 19 1973
WEATHER Clear Calm
TIME 9:20 - 9:30
NOTES CHKD
DATE
INST. NO. 75234
ROD NO. 2139
F.B. 4134 PG. 17
T = 64°

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	178	330	479 5	183 173 10	269	840	570 5	299 239 60	60 M- 10 M= 50 M-0.20 mm
2	127	600	428 5	132 122 10	36	110	337 5	66 6 60	60 M- 10 M=50 M=0.20 mm
	305	930		20	305	950		120	
	305	910						-20	
	+	0.20			-0.40 mm			100	Curvature Corr.=0.40 mm
					305	910			
					-				RODRIGUEZ
	0.002			mm= "C"					
	100 / 0.200								
	200								
								mm= "C"	
					100 /				

76P526 CE # 308 3-61

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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 209-13									FROM BM 209-13 TO TBM #3
1	210	421	511	5 220 / 200 / 20	151	460	452	5 161 / 141 / 20	BM 209-13
2	197	390	498	5 218 / 176 / 42	12	550	313	5 32 / 12 ½ / 40	BOUQUET CYN. RD. & SPUNKY CYN. RD., N.W. COR.
3	261	110	562	5 276 / 246 / 30 / 62	33	479	334	5 48 / 18 / 30 / 60	F.B. 3734-41
4	298	921	599	5 298 / 282 ½ / 32 / 92	11	970	312	5 27 / 11 ½ / 32 / 90	
5	269	600	570	5 284 / 254 / 30 / 124	22	630	323	5 3/8 / 8 / 28 / 122	T. R. RODRIGUEZ
6	150	950	451	5 155 / 145 / 10 / 154	39	840	340	5 46 / 32 / 14 / 150	
+	1388	392		164	271	929		164	
-	271	929						164	
+	1116	463						328	
TBM #3									TBM #3 SPK. IN TEL. POLE, NO NUM.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L.S. STRADER DATE DEC. 5, '72 WEATHER CLEAR-CALM INST. NO. 75234
NOTES BY R.L.S. TIME 11:30-11:55 ROD NO. 2139A-B
INDEXED L. M. PALMERI DATE JAN 19 1973 NOTES CHK LORAINE MIYATA DATE 30 JAN 73

T = 44°

F.B. 4134 PG. 19

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
T.B.M. #3	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM T.B.M. #3 TO BM 209-13
1	16	678	317	5	27 5	22	279	202	580	5	290 268	22	T.B.M. #3
2	11	670	312	5	28 11	½ 34	299	732	600	5	299 283	½ 32	SPK. IN TEL. POLE., NO NUM.
						56						54	
3	10	280	311	5	26 10	½ 32	281	058	582	5	298 264	34	
						88						88	
4	10	051	311	5	27 10	½ 34	227	052	528	5	244 210	34	
						122						122	
5	134	928	435	5	150 118	32	213	090	514	5	229 197	32	⊼ R. RODRIGUEZ
+	183	607				154	1300	134				154	
1						+	183	607				154	
						−	1116	527				308	
BM 209-13													BM 209-13 BOUQUET CYN. RD. & SPUNKY CYN. RD., NW COR. F.B. 3734-41

T=62°

F.B. 4134 PG. 20 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER 1-11-73

INDEXED L. M. PALMERI DATE

WEATHER CLEAR-CALM INST. NO. 96716

TIME 14:15-14:35 ROD NO. 2139 AB

NOTES CHK. LARAINE MIYATA DATE 30 JAN 73

76P526 CE # 308 3-61

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[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR CH[illegible]LED 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 R.L. STRADER
NOTES BY R.L.S. DATE DEC. 5, '72
INDEXED T. M. PALMERI DATE JAN 19 1973
WEATHER CLEAR CALM INST. NO 75234
TIME 13:15-13:45 ROD NO 2139AB
NOTES CHK'D LARAINE MIYATA DATE 30 JAN '73
F.B. 4134 PG. 21

T=44°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
TBM #3													FROM TBM # 3 TO BM 209-14
1	255	030	556	5	273 / 237	36	12	690	313	5	29 / 12 1/2	34	TBM #3
													SPK. IN TEL. POLE, NO NUM.
2	273	831	574	5	284 / 262	22	20	660	321	5	32 / 8	24	
						58						58	
3	251	690	552	5	263 / 239	24	24	480	325	5	36 / 12	24	
						82						82	
4	278	682	579	5	291 / 265	26	18	121	319	5	31 / 35	28	
						108						108	
5	283	400	584	5	296 / 270	26	44	712	345	5	56 / 32	24	⊼ R. RODRIGUEZ
						134						132	
6	277	259	578	5	290 / 264	26	13	965	314	5	26 / 0	26	
						160						158	
7	288	020	589	5	298 / 278	20	12	489	313	5	22 / 2	20	
						180						178	
8	226	638	527	5	232 / 220	12	85	470	386	5	91 / 79	12	
+	2134	550				192	232	587				190	
-	232	587										192	
+	1901	963										382	
BM 209-14													BM 209-14
													BOUQUET CYN. RD., 0.4 MI.
													SW. OF SPUNKY CYN. RD.
													F.B. 3734.43

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F.B. 4134 PG. 22 JOB NO. 0301.02 T=60°

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER 1-11-73

INDEXED L.M. PALMERI DATE

WEATHER CLEAR-CALM INST. NO. 96716

TIME 13:50-14:15 ROD NO. 2139 A-B

NOTES CHKD LARAINE MIY DATE 30 JAN 73

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 209-14									FROM BM 209-14 TO T.B.M. #3
1	14	728	315	5 23/3 22	288	671	589	5 298/278 20	BM 209-14
2	12	131	313	5 23/12 ½ 22	301	390	602	5 301/288 ½ 26	BOUQUET CYN. RD., 0.4 MI.
				44					SW'LY OF SPUNKY CYN. RD.
3	42	521	343	5 54/30 24	260	721	561	5 273/247 46/26	F.B. 3734.43
				68					
4	10	551	311	5 24/10 ½ 28	267	480	568	5 279/255 72/24	
				96					
5	10	440	311	5 24/10 ½ 28	287	570	588	5 300/274 96/26	T R. RODRIGUEZ
				124					
6	23	040	324	5 37/9 28	299	330	600	5 299/286 ½ 122/26	
				152					
7	14	841	315	5 28/0 28	298	460	599	5 298 ½/282 148/32	
				180					
8	115	750	416	5 120/110 10	142	450	443	5 147/137 180/10	
	+ 244	002		190	2146	072			190
					+ 244	002			190
					- 1902	070			380
T.B.M. #3									T.B.M. #3
									SPK. IN TEL. POLE, NO NUM.

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY STRADER

NOTES BY Rodriguez DATE 5 DEC 72

INDEXED ~~S. M. PALMERI~~ DATE JAN 19 1973

WEATHER Clear Breeze INST. NO. 75234

TIME 13:50 = 14:30 ROD NO. 2139 A13

NOTES CHK'D LARAINE MIYATA DATE 30 JAN 73

F.B. 4134 PG. 23

TE 44°

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
BM209-14													FROM BM209-14 TO BM209-15
1	276	072	577	5	288 264	24	21	360	322	5	33 9	24	BM209-14
2	287	222	588	5	299 275	24	24	654	325	5	36 12	24	BOUQUET CYN RD. 0.4 MI S.W. OF SPUNKY CYN RD
						48						48	⊼ STRADER
3	280	170 ~~AD~~	581	5	292 268	24	23	115	324	5	35 11	24	FB3734-43
						72						72	
4	279	711	580	5	292 266	26	14	940	315	5	2) 26 14	24	
						96						96	
5	280	002	581	5	292 268	24	28	297	329	5	41 15	26	
						122						122	
	227	903 ~~871~~	528	5	251 203	48	154	079	455	5	177 131	46	
						170						168	
7	57	937	358	5	74 40	34	289	716	590	5	289 2) 273	32	
						204						200	
8	10	604	311	5	2) 20 10	20	299	942	600	5	2) 299 288	22	
						224						222	
9	16	635	317	5	26 6	20	258	949	559	5	268 248	20	
						244						242	
10	14	032	315	5	24 4	20	247	226	548	5	257 237	20	
						264						262	
11	75	969	376	5	80 70	10	151	738	452	5	156 146	10	
						274	~~1513~~	~~566~~				272	
							1514	016				274	
												546	
	+ 1806	257											
	- ~~1513~~	~~566~~											
BM209-15	+ ~~292~~	~~691~~											
	- 1514	016											
	+ 292	241											

BM209-15

BOUQUET CYN RD 450' SO OF SIERRA PELONA RD.

FB 3734-45

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM209-15													FROM BM209-15 TO BM209-14
1	268	617	569	5	282 254	28	16	550	317	5	28 4	24	BM209-15
2	287	000	588	5	298 276	22	14	595	315	5	25 3	22	BOUQUET CYN RD 450' SO. OF
						50						46	SIERRA PELONA RD.
3	269	823	570	5	278 260	18	17	684	318	5	26 8	18	FB3734-45
						68						64	
4	299	631	600	5	2) 299 285	28	41	353	342	5	257 225	32	⊼ STRADER
						96						96	
5	201	685	502	5	226 176	50	207	571	508	5	232 182	50	
						146						146	
6	24	448	325	5	39 9	30	300	045	601	5	2) 300 285	30	
						176						176	
7	24	527	325	5	36 12	24	292	681	593	5	2) 292 279	26	
						200 198						202	
8	15	952	316	5	2) 29 15	28	296	552	597	5	2) 296 282	28	
						228						230	
9	12	542	313	5	2) 26 12	28	297	365	598	5	2) 297 284	26	
						256						256	
10	35	055	336	5	45 25	20	246	988	547	5	256 236	20	
	+ 1439	280				276	1731	384				276	
							+ 1439	280				276	
							− 292	104				552	
BM209-14													BM209-14
													BOUQUET CYN RD 0.4 MI
													S.W. OF SPUNKY CYN RD
													FB 3734-43

F.B. 4134 PG. 24 JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY R. STRADER NOTES RODRIGUEZ 11 JAN 73

INDEXED I. M. PALMERI DATE

WEATHER Clear INST. NO. 96716

TIME 13:00-13:40 ROD NO. 2139AB

NOTES CHKD LARAINE MIYATA DATE 30 JAN 73

T = 56°

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T= 44°

SURVEY BY STRADER

NOTES BY RODRIGUEZ DATE 5 DEC 72 WEATHER Clear-winds INST. NO. 75234

INDEXED J. M. PALMERI DATE JAN 19 1973 TIME 14:30-15:30 ROD NO. 2139HB

NOTES CHK'D LARAINE MIYAMA DATE 30 JAN 73

F.B. 4134 PG. 25

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM209-15													FROM BM209-15 TO BM209-16
1	35	920	336	5	43 / 27	16	248	048	549	5	256 / 240	16	BM209-15
2	23	234	324	5	31 / 15	16	254	053 / ~~070~~	555	5	264 / 244	20	BOUQUET CYN RD 450' SO OF SIERRA PELONA RD
						32						36	FB 3734-45
3	10	810	311	5	18 / 2	16	184	602	485	5	190 / 178	22	
						48						48	★= ANDERSON
4	14	648	315	5	24 / 4	20	228	410	529	5	238 / 218	20	
						68						68	
5	14	640	315	5	23 / 5	18	232	050	533	5	241 / 223	18	
						86						86	
	28	531	329	5	40 / 16	24	225	242	526	5	236 / 214	22	
						110						108	
7	15	862	316	5	29 / 1	28	226	728	527	5	240 / 212	28	
						138						136	
8	15	378	316	5	28 / 2	26	262	732	563	5	275 / 249	26	
						164						162	
9	21	702	322	5	36 / 6	30	245	015	546	5	260 / 230	30	
						194						192	
10	13	652	314	5	2) 33 / 13	40	229	859	530	5	249 / 209	40	
						234						232	
11	67	498	368	5	92 / 42	50	144	110	445	5	169 / 119	50	
						284						282	
12	128	175	429	5	138 / 118	20	100	380	401	5	111 / 89	22	
+	390	050				304	2581	229				304	
							+ 390	050				304	
BM209-16							− 2191	179				608	BM209-16 BOUQUET CYN RD 7.55 S.W. OF ELIZABETH LAKE RD FB 3734-47

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4134 PG. 26 JOB NO. 0301.02 T=50

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 11-JAN 73

INDEXED T. M. PALMER DATE

WEATHER CLEAR & CALM INST. NO. 96716

TIME 1115-12:00 ROD NO. 2139AB

NOTES CHKD LORAINE WILLIAMS DATE 30 JAN 73

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 209-16	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 209-16 TO BM 209-15
1	164	610	465	5	189 / 139	50	142	100	443	5	165 / 119	46	BM 209-16
2	199	080	500	5	219 / 179	40	77	640	378	5	99 / 55	44	BOUQUET CN. RD 0.55 MI. S.W'LY OF
						90						90	ELIZABETH LAKE RD.
3	269	328	570	5	287 / 251	36	22	620	323	5	41 / 3	38	F.B. 3734-47
						126						128	
4	296	310	597	5	(½) 296 / 278	36	11	710	312	5	(½) 28 / 11	34	
						162						162	
5	285	001	586	5	301 / 269	32	33	790	334	5	49 / 17	32	T. RODRIGUEZ
						194						194	
6	279	120	580	5	294 / 264	30	10	630	311	5	(½) 25 / 10	30	
						224						224	
7	286	370	587	5	296 / 276	20	31	972	332	5	41 / 21	20	
						244						244	
8	275	270	576	5	285 / 265	20	26	839	327	5	36 / 16	20	
						264						264	
9	300	062	601	5	(½) 300 / 288	24	12	152	313	5	(½) 24 / 12	24	
						288						288	
10	236	371	537	5	246 / 226	20	30	790 / 790	331	5	40 / 20	20	
						308	400	243				308	
	+ 2591	522										308	
	− 400	243										616	
	+ 2191	279											
BM 209-15													BM 209-15
													BOUQUET CN. RD. 450' SO. OF
													SIERRA PELONA RD
													F.B. 3734-45

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.L. STRADER

NOTES BY R. ANDERSON DATE 19-DEC.'72

INDEXED E. M. PALMERI DATE JAN 19 1973

WEATHER CLOUDY & CALM

TIME 09:15 - 10:16

NOTES CHK LARAINE MIYATA DATE 30 JAN '73

INST. NO. 75234

ROD NO. 2139A-B

F.B. 4134 PG. 27

T. = 58°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 209-16									FROM B.M. 209-16 TO B.M. 209-17
1	226	978	527 5	256 / 196 60	138	592	439 5	168 / 108 60	B.M. 209-16
2	145	801	446 5	170 / 120 50	189	400	490 5	214 / 164 50	BOUQUET CYN. RD., 7.55 MI. SW'ERLY OF ELIZABETH LAKE RD. NORTH SIDE
3	176	772	477 5	201 / 151 110 / 50	169	940	470 5	194 / 144 110 / 50	F.B. 3734-47
4	153	130	454 5	178 / 128 160 / 50	151	830	452 5	176 / 126 160 / 50	
5	138	581	439 5	163 / 113 210 / 50	180	062	481 5	205 / 155 210 / 50	π = RODRIGUEZ
6	163	558	464 5	188 / 138 260 / 50	163	660	464 5	188 / 138 260 / 50	
7	140	560	441 5	165 / 115 310 / 50	154 ~~155~~	262	455 5	179 / 129 310 / 50	
8	18	340	319 5	38 / 18 360 / ½ 40	289	010	590 5	289 / 267 360 / ½ 44	
9	14	678	315 5	24 / 4 400 / 20	292	091	593 5	301 / 283 404 / 18	
10	11	710	312 5	19 / 3 420 / 16	291	938	592 5	300 / 282 422 / 18	
11	17	580	318 5	28 / 6 436 / 22	295	270	596 5	295 / 286 440 / ½ 18	
12	83	840	384 5	88 / 78 458 / 10	197	278	498 5	202 / 192 458 / 10	
+	1291	528		468	2513	333		468	
B.M. 209-17				+	1291	528		468	B.M. 209-17
				−	1221	805		936	BOUQUET CYN. RD., 8.15 MI. SW'ERLY OF LAKE ELIZABETH RD.
									F.B. 3734-49 NORTH SIDE IN H.H.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 209-17													FROM B.M. 209-17 TO B.M. 209-16
1	276	961	577	5	286 / 266	20	12	840	313	5	22 / 12 ½	20	B.M. 209-17
2	288	690	589	5	298 / 278	20	11	550	312	5	21 / 11 ½	20	BOUQUET CYN. RD., 8.15 MI. SW'ERLY OF ELIZABETH LAKE RD.
3	299	481 ~~590~~	600	5	299 / 292 ½	40 / 14	17	880	318	5	25 / 9	40 / 16	F.B. 3734-49 NORTH SIDE IN H.H.
4	279	720	580	5	288 / 270	54 / 18	61	111	362	5	69 / 53	56 / 16	
5	284	920	585	5	302 / 266	72 / 36	112	200	413	5	134 / 90	72 / 44	
6	162	498	463	5	186 / 138	108 / 48	143	962	444	5	163 / 123	116 / 40	T = RODRIGUEZ
7	159	250	460	5	184 / 134	156 / 50	159	120	460	5	184 / 134	156 / 50	
8	176	710	477	5	201 / 151	206 / 50	135	580	436	5	160 / 110	206 / 50	
9	153	222	454	5	178 / 128	256 / 50	154	391	455	5	178 / 130	256 / 48	
10	163	681	464	5	188 / 138	306 / 50	167	210	468	5	192 / 142	304 / 50	
11	181	150	482	5	206 / 156	356 / 50	150	181	451	5	174 / 126	354 / 48	
12	151	522	452	5	176 / 126	406 / 50	185	350	486	5	211 / 159	402 / 52	
B.M. 209-16	133	540	434	5	140 / 126	456 / 14	178	331	479	5	185 / 171	454 / 14	B.M. 209-16
	+ 2711	345				470	1489	706				468	BOUQUET CYN. RD., 7.55 MI. SW'ERLY OF ELIZABETH LAKE RD.
	− 1489	706										470	
	+ 1221	639										938	F.B. 3734-47 NORTH SIDE

F.B. 4134 PG. 28 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STARDER NOTES ANDERSON DATE: 19-DEC.'72

INDEXED I. M. PALMERI DATE

WEATHER CLOUDY & WINDY INST. NO. 76234

TIME 13:30-14:30 ROD NO. 2139 A.B.

NOTES CHK. BARAINE MIYA DATE 30 JAN '73

T. = 62°

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST 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 RODRIGUEZ DATE 19 OCT 72 WEATHER overcast INST. NO. 79234

NOTES BY STRADER TIME 10:30-11:30 ROD NO. 2139 MB

INDEXED J. M. PALMERI DATE JAN 19 1973 NOTES CHKD LARAINE MIYATA DATE 30 JAN 73

T=58°

F.B. 4134 Pg. 29

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM 209-17													FROM BM 209-17 TO BM 209-17A
1	62	902	363	5	74 50	24	295	833	596	5	295 2) 284	22	BM 209-17
2	15	784	316	5	25 5	20	288	261	589	5	299 277	22 44	BOUQUET CYN RD. 8.15 mi
						44						44	S.W. OF LAKE ELIZABETH RD.
3	15	499	316	5	26 4	22	266	797	567	5	276 256	20	FB. 3734-49
						66						64	
4	22	382	323	5	32 12	20	292	698	593	5	292 2) 281	22	K PETERSON
						86						86	
5	21	792	322	5	29 11	18	287	952	588	5	296 278	18	
						104						104	
6	20	733	321	5	28 12	16	278	658	579	5	288 268	20	
						120						124	
7	14	997	315	5	24 4	20	244	222	547	5	254 238	16	
						140						140	
8	14	901	315	5	23 5	18	273	820	574	5	282 264	18	
						158						158	
9	30	684	331	5	40 20	20	294	433	595	5	294 2) 284	20	
						178						178	
10	28	533	329	5	36 20	16	271	113	572	5	279 263	16	
						194						194	
11	66	402	367	5	72 60	12	142	799	443	5	148 136	12	
+	314	609				206	~~2938~~	~~585~~				206	
BM 209-17A						+	314	609				206	BM 209-~~18~~ 17A
						-	~~2623~~	~~976~~				412	BOUQUET CYN RD
						-	2938	586					
						+	314	609					
						-	2623	977					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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
BM209-17A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM209-17A TO BM209-17
1	259	892	560	5	271 / 247	24	13	920	314	5	23 / 3	20	BM209-17A
2	295	226	596	5	2) 295 / 286	18 / 42	16	268	317	5	26 / 6	20 / 40	BOUQUET CYN RD 8.40 MI SW OF ELIZABETH LAKE RD FB 3734-51
3	290	893	591	5	300 / 280	20 / 62	17	082	318	5	27 / 7	20 / 60	⊼ PETERSON
4	283	440	584	5	293 / 273	20 / 82	23	922	324	5	33 / 13	20 / 80	
5	301	094	602	5	2) 301 / 292	18 / 100	25 / ~~24~~	027	326	5	36 / 14	22 / 102	
6	299	348	600	5	2) 299 / 290	18 / 118	10	506	311	5	2) 19 / 10	18 / 120	
7	284	872	585	5	293 / 275	18 / 136	36	861	337	5	45 / 27	18 / 138	
8	272 / ~~272~~	728	573	5	283 / 261	22 / 158	20	768	321	5	30 / 10	20 / 158	
9	292	202	593	5	2) 292 / 281	22 / 180	11	692	312	5	2) 22 / 11	22 / 180	
10	292	083	593	5	2) 292 / 281	22 / 202	71	874	372	5	81 / 61	20 / 200	
+	2871	778					247	920					
−	247	920										202	
BM209-17 +	2623	858										402	BM209-17 BOUQUET CYN RD 8.15 MI SW. OF ELIZABETH LAKE RD FB 3734-49

T = 58°

F.B. 4134 PG. 30

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RLS NOTES RODRIGUEZ

INDEXED T. M. PALMERI DATE

WEATHER OVERCAST INST. NO. 75234

TIME 11:30-12:20 ROD NO. 2139AB

NOTES CHKD LARAINE MIYATA DATE 30 JAN 78

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.L. STRADER

NOTES BY PETERSON DATE 7 DEC 72

INDEXED T. M. PALMERI DATE JAN 19 1973

WEATHER CLOUDY & CALM

TIME 14:45 - 15:25

NOTES CHK LARAINE MIYATA DATE 30 JAN 73

INST. NO. 75234

ROD NO. 2139AB

F.B. 4134 PG. 31

T=44°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM209-17A									FROM BM209-17A TO BM209-18
1	14	398	315 5	24 4 20	289	655	590 5	297 281 16	BM209-17A
2	76	9 571	377 5	86 66 20 40	301	620	602 5(½)	301 290 22 38	BOUQUET CN. RD. 8.4 MI S.W.'LY OF ELIZABETH LAKE RD 0.25 MI. S.W'LY OF THE
3	19	531	320 5	29 9 20 60	295	173	596 5(½)	295 285 20 58	BOUQUET RESERVOIR DAM F.B. 3734-51
4	17	115	318 5	27 7 20 80	288	785	589 5	298 278 20 78	
5	18	877	319 5	27 9 18 98	293	200	594 5(½)	293 285 16 94	⊼ STRADER
6	19	298	320 5	28 10 18 116	257	320	558 5	265 249 16 110	
7	28	439	329 5	41 15 26 142	287	614	588 5	298 276 22 132	
8	44	578	345 5	52 36 16 158	288	569	589 5	299 277 22 154	
9	42	432	343 5	49 35 14 172	283	341	584 5	292 274 18 172	
10	38	061	339 5	43 33 10 182	245	549	546 5	250 240 10 182	
11	300	200	601 5(½)	300 294 12 194	~~138~~ 138	291	439 5	143 133 10 192	
	+ 619	500			2969	117			
					+ 619	500		194	
BM209-18					- 2349	617		386	BM209-18 BOUQUET CN. RD. 8.6 MI S.W.'LY OF ELIZABETH LAKE RD 0.45 MI. S.W'LY OF RES. DAM F.B. 3734-53

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 209-18													FROM BM 209-18 TO BM 209-17A
1	105	061	406	5	113 / 97	16	33	890	334	5	41 / 25	16	BM 209-18
2	301	520	602	5	(1/2) 301 / 293	16	45	504	346	5	53 / 37	16	BOUQUET CN. RD. 8.6 MI S.W'LY OF ELIZABETH LAKE RD, 0.45 MI
						32						32	S.W'LY OF RESEVOIR DAM
3	281	539	582	5	291 / 271	20	20	052	321	5	30 / 10	20	F.B. 3734-53
						52						52	
4	289	407	590	5	299 / 279	20	10	281	311	5	(1/2) 20 / 10	20	
						72						72	
5	275	460	576	5	286 / 264	22	18	610	319	5	29 / 7	22	π STRADER
						94						94	
6	298	821	599	5	(1/2) 298 / 288	20	13	771	314	5	23 / 3	20	
						114						114	
7	294	116	595	5	(1/2) 294 / 283	22	12	670	313	5	22 / 2	20	
						136						134	
8	284	054	585	5	294 / 274	20	22	129	323	5	32 / 12	20	
						156						154	
9	290	382	591	5	301 / 279	22	13	620	314	5	24 / 2	22	
						178						176	
10	195	281	496	5	200 / 190	10	75	440	376	5	81 / 69	12	
						188	265	967				188	
+	2615	641										188	
−	265	967										188	
+	2349	674										376	
BM 209-17A													BM 209-17A BOUQUET CN. RD. 8.4 MI. S.W'LY OF ELIZABETH LAKE RD. & 0.25 S.W'LY OF BOUQUET RES. DAM, F.B. 3734-51

F.B. 4134 PG. 32 JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 11 JAN 73

INDEXED I. M. PALMERI DATE

WEATHER CLEAR & CALM INST. NO. 96716

TIME 10:30 – 11:10 ROD NO. 2139 AB

NOTES CHK. LARAINE MIYATA DATE 30 JAN 73

T-50

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.L. STRAGER

NOTES BY PETERSON DATE 19 DEC 72

INDEXED L. M. PALMERI DATE JAN 19 1973

WEATHER CLOUDY & CALM

TIME 15:00 - 15:30

NOTES CHAIN LORAINE MIYATA DATE 30 JAN '73

F.B. 4134 Pg. 33

T = 56°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM209-18													FROM BM209-18 TO TBM #4
1	21	918	322	5	27 / 15	12	286	408	587	5	292 / 280	12	BM209-18
2	21	062	322	5	33 / 9	24 / 36	283	008 ~~035~~	584	5	294 / 272	22 / 34	BOUQUET CN. RD, 8.6 MI. S.W. LY OF ELIZABETH LAKE RD N. LY SIDE
3	14	011	315	5	22 / 6	16 / 52	260	112	561	5	268 / 252	16 / 50	F.B. 3734-53
4	11	202	312	5	19 / 3	16 / 68	276	352	577	5	285 / 267	18 / 68	⊼ ANDERSON
5	26	650	327	5	33 / 19	14 / 82	254	881	555	5	262 / 246	16 / 84	
6	29	300	330	5	37 / 21	16 / 98	242	147	543	5	249 / 235	14 / 98	
7	18	483	319	5	27 / 9	18 / 116	212	319	513	5	222 / 202	20 / 118	
8	30	274	331	5	37 / 23	14 / 130	287	882	588	5	293 / 281	12 / 130	
+	172	900					2103	109				130	
						+	172	900				130	
						−	1930	209				260	
T.B.M. #4													T.B.M. #4 SPK. IN GUY POLE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. #4	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM T.B.M. #4 TO BM 209-18
1	285	281	586	5	292 278	14	20	988	321	5	28 12	16	T.B.M. #4
2	278	237	579	5	287 269	18	15	178	316	5	24 6	18	SPK. IN GUY POLE N'LY SIDE ROAD
						32						34	
3	290	981	591	5	300 280	20	10	742	311	5	20 0	20	
						52						54	
4	299	012	600	5	299 289 1/2	20	11	398	312	5	20 2	18	
						72						72	
5	285	873	586	5	294 276	18	18	345	319	5	27 9	18	⊼ T. PETERSON
						90						90	
6	277	437	578	5	287 267	20	11	679	312	5	21 1	20	
						110						110	
7	250	603	551	5	256 244	12	104	229	405	5	110 98	12	
						122						122	
8	189	055	490	5	195 183	12	33	589	334	5	39 27	12	
						134	226	148				134	
+	2156	479										134	
−	226	148										134	
+	1930	331										268	
BM 209-18													BM 209-18 BOUQUET CYN. RD., 8.6 MILES SW'LY OF ELIZABETH LAKE ROAD F.B. 3734-53

T= 50°

F.B. 4134 PG. 34 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER 1-11-73

INDEXED T. M. PALMERI DATE

WEATHER CLEAR-CALM INST. NO. 96716

TIME 9:55.10:30 ROD NO. 2139 AB

NOTES CHK'D LARAINE MIYAYA DATE 30 JAN 73

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
T.B.M.#4									FROM T.B.M.#4 TO BM 209-19
1	45	637	346 5	52 38 14	184	703	485 5	191 177 14	T.B.M.#4
2	43	392	344 5	68 18 50	189	810	490 5	214 164 50	
				64				64	
3	24	771	325 5	31 14 20	215	922	516 5	225 205 20	
				84				84	
4	21	488	322 5	31 11 20	275	236	576 5	285 265 20	
				104				104	
5	10	184	311 5	20 10 20	211	574	512 5	221 201 20	ANDERSON
				124				124	
6	32	262	333 5	47 17 30	157	488	458 5	172 142 30	
+	177	734		154	1234	733		154	
				+	177	734		154	
				−	1056	999		308	
BM209-19									BM 209-19 BOUQUET CN. RD. 9.0 MILES S.W. OF ELIZABETH LAKE RD. IN CULVERT (WEST END) AT STA. 8.99. F.B. 3734-55

JOB NO. 0301.02 SURVEY OF LA CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON DATE 20 DEC 72 TIME 09:05-09:25 WEATHER CLEAR & CALM INST. NO. 75234
INDEXED J. M. PALMERI DATE JAN 19 1973 NOTES CHKD LORAINE MIYATA DATE 30 JAN 73 ROD NO. 213416

F.B. 4134 PG. 35

4-58

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 209-19									FROM BM 209-19 TO T.B.M. #4
1	171	968	472 5	189 153 36	10	965	311 5	(½) 27 10 34	BM209-19
2	235	929	536 5	245 225 20	14	310	315 5	25 3 22	BOUQUET CN RD. 9.0 MILES
				56				56	S'W'LY OF ELIZABETH LAKE RD.
3	269	758	570 5	278 260 18	30	518	331 5	39 21 18	IN CULVERT AT RD. STA 8.99
				74				74	F.B. 3734-55
4	269	344	570 5	281 257 24	91	312	392 5	103 79 24	
				98				98	
5	163	498	464 5	185 141 44	20	572	321 5	(½) 42 20 44	
				142				142	
6	178	872	479 5	183 173 10	64	850	365 5	69 59 10	⊼ ANDERSON
	+ 1289	369		152	232	527		152	
	− 232	527						152	
	+ 1056	842						304	
T.B.M. #4									T.B.M. #4

T-44°

F.B. 4134 PG. 36 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 9 JAN 93

INDEXED I. M. PALMERI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 14:45-15:10 ROD NO. 2137AB

NOTES CHK. LARAINE MIYATA DATE 30 JAN 93

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.L. STRADER

NOTES BY R. ANDERSON DATE 20-DEC.'72

INDEXED L. M. PALMERI DATE JAN 19 1973

WEATHER CLOUDY & CALM INST. NO. 75234

TIME 09:30 - 10:30 ROD NO. 2139AB

NOTES CHKD. KARAINE MIYATA DATE 30 JAN 73

T. = 58°

F.B. 4134 Pg. 37

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 209-19									FROM B.M. 209-19 TO B.M. 209-20
1	38	300	339 5	63 13 50	181	330	482 5	206 156 50	B.M. 209-19
2	88	620	389 5	110 66 44	294	750	595 5	294 272 1/2 44	BOUQUET CYN. RD., 9.0 MI. SW
3	13	513	314 5	26 0 94 26	299	911	600 5	299 286 1/2 94 26	ERLY OF ELIZABETH LAKE RD. F.B. 3734 W. SIDE OF RD. HEADWALL
4	18	559	319 5	33 3 120 30	251	408	552 5	266 236 120 30	
5	~~13~~ 14	620	315 5	36 14 1/2 150 44	260	461	561 5	282 238 150 44	T = RODRIGUEZ
6	11	620	312 5	34 11 1/2 194 46	208	692	509 5	232 184 194 48	
7	73	730	374 5	93 53 240 40	289	072	590 5	289 269 1/2 242 40	
8	44	480	345 5	57 31 280 26	266	822	567 5	278 254 282 24	
9	63	288	364 5	74 52 306 22	37	560	338 5	48 26 306 22	
+	366	730		328	2090	006		328	
B.M. 209-20				+	366	730		328	B.M. 209-20
				-	1723	276		658	BOUQUET CYN. RD., 9.3 MI. SW
									ERLY OF ELIZABETH LAKE RD. F.B. 3734-57 E. SIDE OF RD.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 209-20													FROM BM 209-20 TO BM 209-19
1	56	912	357	5	62 50	12	112	761	413	5	118 106	12	BM 209-20
2	268	168	569	5	283 253	30	31	880	332	5	46 16	30	BOUQUET CYN. RD., 9.3 MILES SW'LY OF ELIZABETH LAKE RD.
3	283	390	584	5	283 263 1/2	42 40	65	518	366	5	85 45	42 40	F.B. 3734-57
4	200	200	501	5	224 176	82 48	71	912	372	5	96 46	82 50	
5	280	490	581	5	292 268	130 24	94	760	395	5	105 83	132 22	⊼ R. RODRIGUEZ
6	269	180	570	5	288 250	154 38	11	360	312	5	30 11 1/2	154 38	
7	274	371	575	5	287 261	192 26	51	330	352	5	64 38	192 26	
8	283	618	584	5	291 275	218 16	63	840	364	5	71 55	218 16	
9	279	521	580	5	279 254 1/2	234 50	101	412	402	5	126 76	234 50	
10	185	270	486	5	206 164	284 42	53	110	354	5	73 33	284 40	
+	2381	120				326	657	883				324	
−	657	883										326	
+	1723	237										650	
BM 209-19													BM 209-19 BOUQUET CYN RD., 9.0 MILES SW'LY OF ELIZABETH LAKE RD. F.B. 3734-55

T=44°

F.B. 4134 PG. 38 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER 1-9-73

INDEXED I. M. PALMERI DATE

WEATHER CLOUDY-~~CALM~~ CALM INST. NO. 96716

TIME 14:05 ROD NO. 2139 A-B

NOTES CHK BARAINE MIYA DATE 30 JAN 76

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR [illegible]CLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 209-20									FROM B.M. 209-20 TO B.M. 209-20A
1	30	500	331 5	38 22 16	217	~~918~~ 951	518 5	225 209 16	B.M. 209-20
				88				292	BOUQUET CYN. RD., 9.3 MI.
2	68	688	369 5	68 ½ 40	271	808	572 5	250 42	SW'ERLY OF ELIZABETH LAKE RD.
				26 56				284 58	F.B 3734-57 E. SIDE OF RD.
3	11	868	312 5	11 ½ 30	271	461	572 5	258 26	
				102 86				290 84	
4	87	040	388 5	72 30	290	852	591 5	274 ½ 32	
				25 116				298 116	π = RODRIGUEZ
5	15	970	316 5	5 20	298	530	599 5	288 ½ 20	
				24 136		710		272 136	
6	12	038	313 5	0 24	261	~~6~~	562 5	250 22	
				45 160				282 ½ 158	
7	36	581	337 5	27 18	291	119	592 5	291 18	
				35 178				278 176	
8	29	820	330 5	23 12	273	190	574 5	268 10	
				32 190				296 186	
9	22	541	323 5	12 20	296	808	597 5	284 ½ 24	
				48 210				278 210	
10	39	151	340 5	30 18	268	140	569 5	258 20	
				90 228				66 230	
11	85	278	386 5	80 10	61	441	362 5	56 10	
+	439	475		238	2803	010		240	
B.M. 209-20A				+	439	475		238	B.M. 209-20A
				−	2363	535		478	BOUQUET CYN. RD., 9.6 MI.
									SW'ERLY OF ELIZABETH LAKE RD.
									F.B 3734-59 E. SIDE RD. - CULVERT

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

SURVEY BY R.L. STRADER

NOTES BY R. ANDERSON DATE 20-DEC. '72

INDEXED E. M. PALMERI DATE JAN 19 1973

WEATHER CLEAR & CALM INST. NO. 76234

TIME 10:35-11:10 ROD NO. 2139 A.B.

NOTES CHKD LARAINE MIYATA DATE 30 JAN '73

T = 60

F.B. 4134 PG. 39

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

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

Do not extend notes this side of this line.

F.B. 4134 PG. 40 | JOB NO. 0301.02 | T=44°

SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY R.L.S. NOTES R.L. STRADER 1-9-73
INDEXED I. M. PALMERI DATE

WEATHER CLOUDY-CALM INST. NO. 96716
TIME 13:25-14:00 ROD NO. 2139A-B
NOTES CHKD LARAINE MIYATA DATE 30 JAN 73

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM 209-20A													FROM BM 209-20A TO BM 209-20
1	111	840	412	5	116 106	10	85	240	386	5	90 80	10	BM 209-20A BOUQUET CYN. RD., 9.6 MI.
2	292	040	593	5	292 ½ 281 ½	22	15	181	316	5	25 5	20	SW'LY OF ELIZABETH LAKE RD.
						32						30	F.B. 3734-59
3	301	180	602	5	301 291 ½	20	12	620	313	5	20 4	16	
						52						46	
4	266	911	567	5	273 259	14	12	120	313	5	22 12 ½	20	
						66						66	
5	278	811	579	5	287 269	18	16	251	317	5	26 6	20	T R. RODRIGUEZ
						84						86	
6	286	892	587	5	294 278	16	13	221	314	5	27 4	18	
						100						104	
7	296	900	597	5	296 ½ 286 ½	20	66	730	367	5	74 58	16	
						120						120	
8	238	861	539	5	248 228	20	99	830	400	5	109 89	20	
						140						140	
9	243	518	544	5	256 230	26	31	108	332	5	44 18	26	
						166						166	
10	271	511	572	5	291 251	40	62	868	363	5	83 41	42	
						206						208	
11	248	590	549	5	258 240	16	58	588	359	5	64 52	12	
	+ 2837	054				222	473	757				220	
	− 473	757										222	
	+ 2363	297										442	
BM 209-20													BM 209-20 BOUQUET CYN. RD., 9.3 MI. SW'LY OF ELIZABETH LAKE RD. F.B. 3734-57

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
BM 209-20													FROM BM 209-20 TO BM209-20A
1	27	348	328	5	37 / 17	20	235	060	536	5	245 / 225	20	BM 209-20
													BOUQUET CN. RD 9.3 MI. S.W'LY
2	80	240	381	5	103 / 57	46	300	648	601	5	(½) 300 / 280	40	OF ELIZABETH LAKE RD. E. SIDE
						66						60	F.B. 3734-57
3	10	728	311	5	(½) 26 / 10	32	273	299	574	5	292 / 254	38	
						98						98	
4	11	040	312	5	(½) 26 / 11	30	295	431	596	5	(½) 295 / 280	30	
						128						128	
5	12	820	313	5	20 / 4	16	255	500	556	5	264 / 246	18	T RODRIGUEZ
						144						146	
6	12	051	313	5	(½) 27 / 12	30	293	050	594	5	(½) 293 / 279	28	
						174						174	
7	20	500	321	5	26 / 14	12	277	650	578	5	284 / 270	14	
						186						188	
8	26	150	327	5	34 / 18	16	280	530	581	5	288 / 272	16	
						202						204	RERUN
9	13	100	314	5	23 / 3	20	300	738	601	5	(½) 300 / 291	18	
						222						222	
10	14	830	315	5	21 / 7	14	80	160	381	5	88 / 73	16	
+	228	807				236	-2592	066				238	
						+	228	807				236	
						-	2363	259				474	
BM 209-20A													BM209-20A
													BOUQUET CN. RD. 9.6 MI. S.W'LY
													OF ELIZABETH LAKE RD.
													F.B. 3734-59 E. SIDE

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

SURVEY BY R.L. STRADER

NOTES BY PETERSON DATE 15 JAN 73

INDEXED E. M. PALMERI DATE JAN 19 1973

WEATHER CLEAR & CALM

TIME 13:15-13:55

NOTES CHK LARAINE MIYAPA DATE 30 JAN 73

INST. NO. 75234

ROD NO. 2139 AG

F.B. 4134 PG. 41

T=

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]LED 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
BM209-20A													FROM BM209-20A TO BM209-21
1	11	186	312	5	16 / 6	10	227	708	528	5	232 / 222	10	BM209-20A (E. SIDE)
2	34	441	335	5	42 / 26	16	290	604	591	5	298 / 282	16	BOUQUET CYN RD. 9.6 MI S.W. OF ELIZABETH LAKE RD.
						26						26	FB. 3734-59
3	36	202	337	5	45 / 27	18	271	824	572	5	280 / 262	18	
						44						44	T = PETERSON
4	17	941	318	5	27 / 7	20	289	038	590	5	299 / 279	20	
						64						64	
5	29	917	330	5	39 / 19	20	280	633	581	5	289 / 271	18	
						84						82	
	16	488	317	5	23 / 9	14	276	579	577	5	284 / 268	16	
						98						98	
7	53	091	354	5	62 / 44	18	261	039	562	5	271 / 251	20	
+	199	266				116	1897	425				118	
						+	199	266				116	
BM209-21						−	1698	159				234	BM 209-21 BOUQUET CYN RD. 9.8 MI S.W. OF ELIZABETH LAKE RD FB 3734-61

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY STRADER
NOTES BY RODRIGUEZ DATE 20 DEC-72
INDEXED JAN 19 1973 DATE T. M. PALMERI
WEATHER Calm-Clear INST. NO 75234
TIME 11:15-11:50 ROD NO. 2939AA
NOTES CHK'D LARAINE MIYATA DATE 30 JAN 73
T=60
F.B. 4134 PG. 43

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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
BM209-21	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM209-21 TO BM209-20A
1	276	804	577	5	287 265	22	21	051	322	5	32 10	22	BM209-21 BOUQUET CYN RD. 9.8 mi
2	294	664	595	5	2) 294 283	22 44	24	724	325	5	34 14	20 42	S.W of ELIZABETH LAKE RD. FB. 3734-61
3	283	738	584	5	293 23	20 64	25	352	326	5	35 15	20 62	π PETERSON
4	293	530	594	5	2) 293 283	20 84	11	046	312	5	2) 21 11	20 82	
5	295	518	596	5	2) 295 287	16 100	18	417	319	5	26 10	16 98	
6	265	659	566	5	272 258	14 114	123	478	424	5	131 115	16 114	
7	295	204	596	5	301 289	12 126	82	899	383	5	87 77	10 124	
+	2005	117					306	967				126	
−	306	967										250	
BM209-20A +	1698	150											BM209-20A BOUQUET CYN RD. 9.6 mi S.W of ELIZABETH LAKE RD FB. 3734-59.

F.B. 4134 PG. 44 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES RODRIGUEZ 8 JAN 73

INDEXED I. M. PALMERI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 12:50-13:20 ROD NO. 2139 MB

NOTES CHK. LARAINE MIYATA DATE 30 JAN 73

T = 44°

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 209-21													FROM BM 209-21 TO BM 209-22
1	17	611	318	5	24 10	14	296	330	597	5	296 288	16	BM 209-21
2	21	004	322	5	30 12	18	269	124	570	5	277 261	16	BOUQUET CYN RD. 9.8 MI 0.1 MI NO of THE Falls STORE.
3	18	167	319	5	27 9	32 18	290	457	591 591	5	298 282	32 16	S.W of ELIZABETH LAKE RD FB. 3734-61
4	27	082	328	5	35 19	50 16	293	785	594	5	301 285	48 16	K DETERSON
5	29	390	330	5	37 21	66 16	252	802	553	5	261 243	64 18	
	44	309	345	5	57 31	82 26	279	954	580	5	292 266	82 26	
7	28	421	329	5	46 10	78 48 36	283	622	584	5	300 266	108 39	
8	19	911	320	5	31 7	144 24	272	463	573	5	285 259	142 26	
9	170	046	471	5	175 165	168 10	153	642	454	5	158 148	168 10	
+	375	941				178	2392	179				178	
						+	375	941				178	
BM 209-22						−	2016	238				356	BM 209-22 BOUQUET CYN RD. 8.1 MI S'LY OF THE FALLS STORE; 10.2 MI. S.W of ELIZABETH LAKE RD. FB 3734-63

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

SURVEY BY RODRIGUEZ DATE 20 DEC 72 WEATHER Calm-Clear INST. NO 75234

NOTES BY STRADER TIME 13:10 - 13:55 ROD NO 213

INDEXED L. M. PALMERI DATE JAN 19 1973 NOTES CHK LORAINE MIYATA DATE 30 JAN 78

T=64°

F.B. 4134 PG. 45

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM209.22	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM209.22 TO BM209.21
1	245	396	546	5	262 228	34	31	167	332	5	47 15	32	BM209.22
2	292	222	593	5	2) 292 280	24	54	033	355	5	68 40	28	BOUQUET CYN RD 10.0 MI S.W of ELIZABETH LAKE RD.
						58						60	
3	300	570	601	5	2) 300 281	38	37	246	338	5	55 19	36	FB. 3734.63
						96						96	
4	298	546	599	5	2) 298 290	16	51	248	352	5	59 43	16	⊼ PETERSON
						112						112	
5	287	742	588	5	295 279	16	30	008	331	5	38 22	16	
						128						128	
6	295	330	596	5	2) 295 287	16	36	518	337	5	44 28	16	
						144						144	
7	269	522	570	5	278 260	18	40	930	341	5	48 32	16	
						162						160	
8	295	801	596	5	2) 295 286	18	52	648	353	5	61 43	18	
						180						178	
9	144	003	445	5	150 138	12	79	218	380	5	85 73	12	
	+ 2429	132				192	413	016				190	
	− 413	016										192	
BM209-21	+ 2016	116										382	BM209.21
													BOUQUET CYN RD 0.1 MI No. of THE FALLS STORE 9.8 MI S.W of ELIZABETH LAKE RD FB. 3734-61

F.B: 4134 PG. 46 JOB NO. D301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY RLS NOTES R.J. RODRIGUEZ 4 JAN 73

INDEXED T. M. PALMERI DATE

WEATHER Windy-Cloudy INST. NO. 96716

TIME 14:45-15:30 ROD NO. 2139

NOTES CHECKED LARAINE MIYATA DATE 30 JAN 73

T = 46°

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 209-22									FROM BM 209-22 TO BM 209-23
1	81	931	382 5	92 / 70 22	158	880	459 5	169 / 147 22	BM 209-22
2	27	578	328 5	51 / 3 48 / 70	262	840	563 5	287 / 237 50 / 72	BOUQUET CN RD. 10.0 MI S.W.'LY OF ELIZABETH LAKE RD & 0.1 MI. S'LY OF "THE FALLS" STORE & CAFE
3	14	852	315 5	(½) 36 / 14 44 / 114	253	125	554 5	275 / 231 44 / 116	F.B. 3734-63
4	57	070	358 5	76 / 38 38 / 152	292	440	593 5	(½) 292 / 272 40 / 156	
5	12	693	313 5	(½) 24 / 12 24 / 176	190	402	491 5	200 / 180 20 / 176	TANDERSON
6	45	908	346 5	62 / 28 34 / 210	252	248	553 5	269 / 235 34 / 210	
7	43	060	344 5	64 / 22 42 / 252	135	658	436 5	156 / 114 42 / 252	
8	201	640	502 5	228 / 174 54 / 306	263	916	564 5	289 / 237 52 / 304	
9	22	110	323 5	36 / 8 28 / 334	299	712	600 5	(½) 299 / 284 30 / 334	
10	10	126	311 5	(½) 22 / 10 24 / 358	226	078	527 5	238 / 214 24 / 358	
11	64	048	365 5	74 / 54 20	181	915	482 5	191 / 171 20	
+	581	016		378	2517	214		378	
				+	581	016		378	
BM 209-23				-	1936	198		756	BM 209-23 BOUQUET CN. RD. 300' N'LY OF HOLLOW TREE CAMPGROUND AT S.W. END OF CULVERT AT STA. 10.42 F.B. 3734-65

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

SURVEY BY R.L. STRADER

NOTES BY PETERSON DATE 20 DEC 72

INDEXED E. M. PALMERI DATE JAN 19 1973

WEATHER CLEAR & CALM

TIME 14:00 - 14:55

NOTES CHK'D LARAINE MIYATA DATE 30 JAN 73

T = 66° CLEAR

INST. NO. 78234

ROD NO. 2139AB

F.B. 4134 PG. 47

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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
BM209-23	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM209-23 TO BM209-22
1	220	512	521	5	236 204	32	15	271	316	5	1/2) 30 15	30	BM209-23
2	297	106	598	5	2) 297 282	30	13	131	314	5	2) 27 13	28	BOUQUET CYN RD 300' NLY
						62						58	OF HOLLOW TREE CAMP
3	268	667	569	5	282 254	28	59	971	360	5	76 43	34	GROUND.
						90						92	FB 3734-65
4	145	415	446	5	170 120	50	171	763	472	5	196 146	50	⊼ = STRADER
						140						142	
5	198	979	499	5	220 176	44	10	208	311	5	2) 32 10	44	
						184						186	
6	272	731 ~~702~~	573	5	293 251	42	11	319	312	5	2) 32 11	42	
						226						228	
7	282	569	583	5	297 267	30	42	177	343	5	57 27	30	
						256						258	
8	272	~~217~~ ~~261~~ 240	573	5	298 246	52	42	183	343	5	68 16	52	
						308						310	
9	234	760	535	5	257 211	46	11	253	312	5	2) 34 11	46	
						354						356	
10	204	712	505	5	217 191	26	83	928	384	5	96 70	26	
	+ 2397	691				380	461	204				382	
	− 461	204										380	
	+ 1936	487										762	M.
BM209-22													BM209-22
													BOUQUET CYN RD 10.0 MI
													SW OF ELIZABETH LAKE RD
													FB 3734-63

F.B. 4134 PG. 48 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.J. RODRIGUEZ 4 JAN 73

INDEXED I. M. PALMERI DATE

WEATHER Cloudy windy INST. NO. 96716

TIME 13:55-14:45 ROD NO. 2139 AB

NOTES CHK. LORAINE MIYATA DATE 30 JAN 73

T = 50°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RODRIGUEZ STRADER DATE 15 JAN 73 WEATHER CLEAR-CALM INST. NO 75234
NOTES BY TIME 14:00 - 14:40 ROD NO 21398
INDEXED J. M. PALMERI DATE JAN 19 1973 NOTES CHK LORAINE MIYATA DATE 30 JAN 73

T = 68°

F.B. 4134 PG. 49

STATION	BACKSIGHT Right	Mic.	Left.		Stadia	FORESIGHT Right	Mic.	Left.		Stadia	DESCRIPTION AND REMARKS
BM209-22											FROM BM209-22 TO BM209-23
1	72	852	373	5	88 56 32	216	056	517	5	232 200 32	BM 209-22
2	14	950	315	5	39 ½ 14 50	239	990	540	5	269 219 50	BOUQUET CYN RD 10.0 MI S.W. OF ELIZABETH LAKE RD
3	40	091	341	5	66 14 82 52	292	189	593	5	292 ½ 266 52	FB. 3734-63
4	21	029	322	5	39 3 134 36	298	363	599	5	298 ½ 266 134 32	T R.L. STRADER
5	30	971	331	5	53 7 170 46	295	521	596	5	295 ½ 273 166 44	
	44	548	345	5	71 17 216 54	124	973	425	5	152 96 210 56	
7	184	542	485	5	202 166 270 36	239	195	540	5	259 219 266 40	
8	15	203	316	5	33 ½ 15 306 36	300	200	601	5	300 ½ 284 306 32	RERUN
9	11	560	312	5	25 ½ 11 342 28	290	343	591	5	290 ½ 275 338 30	
10	88	489	389	5	97 79 370 18	163	870	464	5	171 155 368 16	
	+ 524	235			388	-2460	700			384	
					+	524	235			388	
					-	1936	465			772	M
BM209-23											BM 209-23 BOUQUET CYN RD 300' NO. OF HOLLOW TREE CAMP GROUND. FB. 3734-65

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]CLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 209-23									FROM B.M. 209-23 TO B.M. 209-24
1	120	961	421 5	134 106 28	213	520	514 5	228 198 30	B.M. 209-23
2	68	458	369 5	78 58 20	261	660	562 5	271 257 20	BOUQUET CYN. RD., 10.4 MI.
3	50	780	351 5	62 38 48 24	253	072	554 5	266 240 50 26	SW'ERLY OF ELIZABETH LAKE RD.
4	141	958	442 5	161 121 72 40	280	200	581 5	296 264 76 32	F.B 3734-65
5	41	570	342 5	54 28 112 26	252	910	553 5	267 237 108 30	
6	15	842	316 5	42 15 138 1/2 54	230	750	531 5	258 202 138 56	T = RODRIGUEZ
7	77	338	378 5	102 52 192 50	288	060	589 5	288 263 194 1/2 50	
8	136	678	437 5	141 131 242 10	128	340	429 5	133 123 244 10	
+	653	585		252	1908	512		254	
B.M. 209-24				+	653	585		252	B.M. 209-24
				-	1254	927		506	BOUQUET CYN. RD., 10.7 MI.
									SW'ERLY OF ELIZABETH LAKE RD
									F.B 3734-67 NORTH SIDE

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

SURVEY BY R. L. STRADER

NOTES BY R. ANDERSON DATE 20 - DEC. '72

INDEXED L. M. PALMERI DATE JAN 19 1973

WEATHER CLEAR & CALM INST. NO. 75239

TIME 15:00 - 15:30 ROD NO. 2139AB

NOTES CHECKED LARAINE MIYATA DATE 30 JAN 73

T. = 66°

F.B. 4134, PG. 51

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4134 PG. 52 JOB NO. D301.02 SURVEY OF L.A.Co. PRECISE LEVEL NET SURVEY BY R.L.S. NOTES PETERSON 4 JAN 73 INDEXED I.M. PALMERI DATE

WEATHER CLEAR & CALM INST. NO. 46716 TIME 13:25-13:50 ROD NO. 2139 AB NOTES CHKD LARAINE MIYATA DATE 30 JAN 73

T=50"

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM 209-24													FROM BM 209-24 TO BM 209-23
1	213	570	514	5	236 / 190	46	39	802	340	5	60 / 18	42	BM 209-24
2	200	930	501	5	224 / 176	48	81	870	382	5	108 / 54	54	BOUQUET CN. RD, 10.7 MI S.W'LY OF ELIZABETH LAKE RD,
						94						96	F.B. 3734-67 NORTH SIDE
3	260	810	561	5	280 / 240	40	16	129	317	5	(½) 36 / 16	40	
						134						136	
4	301	028	602	5	(½) 301 / 278	46	20	420 ~~331~~	321	5	(½) 42 / 20	44	
						180						180	
5	289	499	590	5	(½) 289 / 276	26	11	960	312	5	(½) 24 / 11	26	
						206						206	~~ANDERSON~~ RODRIGUEZ
6	215	268	516	5	233 / 197	36	56	200	357	5	½ 75 / 56	38	
						242	226	381				244	
	+ 1481	105										242	
	− 226	381										4 286	
	+ 1254	724											
BM 209-23													BM 209-23
													BOUQUET CN. RD 10.4 MI. S.W'LY OF ELIZABETH LAKE RD
													F.B. 3734-65

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 209-24	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 209-24 TO B.M. 209-25
1	14	109	315	5	31 14	1/2 34	235	890	536	5	252 218	34	B.M. 209-24
2	41	630	342	5	66 16	50	244	680	545	5	269 219	50	BOUQUET CYN. RD., 10 I MI.
3	50	090	351	5	75 25	84 50	208	788	509	5	232 184	84 48	SW'ERLY OF ELIZABETH LAKE RD.
4	88	890	389	5	113 63	134 50	211	880	512	5	236 186	132 50	F.B. 3734-67 NORTH SIDE-HEADWALL
5	117	270	418	5	142 92	184 50	266	171	567	5	290 242	182 48	T = ROD RIGUEZ
6	23	510	324	5	46 0	234 46	295	460	596	5	295 270	230 1/2 50	
7	13	608	314	5	33 13	280 1/2 40	271	462	572	5	291 251	280 40	
8	56	410	357	5	76 36	320 40	291	468	592	5	291 271	320 1/2 40	
9	76	330	377	5	89 63	360 26	181	420	482	5	193 169	360 24	
+	481	847				386	2207	219				384	
~~10~~				~~5~~		+	481	847		5		386	
						-	1725	372				770	
B.M. 209-25													B.M. 209-25 BOUQUET CYN. RD., 11.0 MI. SW'ERLY OF ELIZABETH LAKE RD. F.B. 3734-69 - SOUTH SIDE

T = 44°

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

SURVEY BY R.L. STRADER

NOTES BY R. ANDERSON DATE 21-DEC. '72

INDEXED L. M. PALMERI DATE JAN 19 1973

WEATHER CLEAR & CALM INST. NO 75234

TIME 09:10 - 10:05 ROD NO 2139A-B

NOTES CHK'D LORAINE MIYATA DATE 30 JAN 73

F.B. 4134 PG. 53

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM209-25													FROM BM209-25 TO BM209-24
1	219	570	520	5	234 / 204	30	68	741	369	5	83 / 53	30	BM209-25
2	293	379	594	5	(½) 293 / 279	28	76	210	377	5	91 / 61	30	BOUQUET CN. RD. 11.0 MI S.W. 1/4 OF ELIZABETH LAKE RD.
						58						60	F.B. 3734-69 SOUTH SIDE
3	278	788	579	5	(½) 278 / 253	52	12	020	313	5	(½) 37 / 12	50	
						110						110	
4	297	240	598	5	(½) 297 / 277	40	37	258	338	5	53 / 16	42	
						150						152	
5	252	650	553	5	277 / 227	50	120	542	421	5	145 / 95	50	⊼ RODRIGUEZ
						200						202	
6	257	239	558	5	283 / 233	50	99	610	400	5	124 / 74	50	
						250						252	
7	219	~~400~~ 381	520	5	244 / 194	50	41	900	342	5	67 / 15	52	
						300						304	
8	275	179	576	5	(½) 275 / 248	54	45	~~710~~ 680	346	5	70 / 20	50	
						354						354	
9	199	870	500	5	208 / 190	18	65	821	366	5	74 / 56	18	
	+ 2293	296				372	567	~~514~~ 782				372	
	- 567	782										372	
BM 209-24	+ 1725	514										744	BM 209-24 BOUQUET CN. RD.

F.B. 4134 Pg. 54 JOB NO. 0301102 T=46°

SURVEY OF R.A.Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 4 JAN 73

INDEXED I. M. PALMERI DATE

WEATHER CLEAR & CALM INST. NO. 96716

TIME 11:35-12:15 ROD NO. 2139AB

NOTES CHK'D LARAINE MIYATA DATE 30 JAN 73

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR CHECKED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 209-25	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM209-25 TO BM209-26
1.	129	884	430	5	152 / 106	46	264	179	565	5	287 / 241	46	BM209-25
2.	15	421	316	5	2) 39 / 15	48	208	648	509	5	232 / 184	48	BOUQUET CYN RD. 11.0 MI S.W OF ELIZABETH LAKE RD.
3	131	318	432	5	160 / 102	94 / 58	226	413	527	5	255 / 197	94 / 58	FB 3734-69
4	87	131 / ~~075~~	388	5	112 / 62	152 / 50	254	331	555	5	278 / 230	152 / 48	⊼ PETERSON
5	62	952	363	5	86 / 38	202 / 48	296	073	597	5	2) 296 / 271	200 / 50	
	45	194	346	5	66 / 24	250 / 42	168	207	469	5	190 / 146	250 / 44	
7	28	311	329	5	44 / 12	292 / 32	280	330	581	5	296 / 264	294 / 32	
8	102	181	403	5	109 / 95	324 / 14	156	942	457	5	162 / 150	326 / 12	
BM209-26	602	392		5		338	1855	123				338	BM 209-26
						+	602	392				338	BOUQUET CYN RD 11.6 MI S.W OF ELIZABETH LAKE RD.
						−	1252	731				676	FB 3734-71

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY STRADER
NOTES BY RODRIGUEZ DATE 21 DEC-72
INDEXED L. M. PALMERI DATE JAN 19 1973
WEATHER Calm-Clear INST. NO. 75234
TIME 10:10 - 11:00 ROD NO. 213[illegible]
NOTES CHK LARAINE MIYATA DATE 30 JAN 73
T=66° F.B. 4134 PG. 55

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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
BM 209-26	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 209-26 TO BM 209-25
1	268	201	569	5	286 250	36	10	780	311	5	28 10 1/2	36	BM 209-26
2	216	102	517	5	238 194	44	91	344	392	5	13 69	44	BOUQUET CYN. RD., 11.6 MI. SW'LY OF ELIZABETH LAKE ROAD
						80						80	F.B. 3734-71
3	250	187	551	5	267 233	34	47	~~717~~ 742	348	5	64 30	34	
						114						114	
4	286	063	587	5	286 1/2 261	50	61	799	362	5	86 36	50	
						164						164	
5	216	268	517	5	241 191	50	107	946	408	5	132 82	50	⊼ T. PETERSON
						214						214	
6	167	557	468	5	193 141	52	52	021	353	5	78 26	52	
						266						266	
7	267	756	568	5	288 246	42	58	578	359	5	80 36	44	
						308						310	
8	158	202	459	5	168 148	20	147	678	448	5	156 138	18	
						328	577	888				328	
	+ 1830	336										328	
	- 577	888										328	
	+ 1252	448										656	
BM 209-25													BM 209-25 BOUQUET CYN. RD., 11.0 MI. SW'LY OF ELIZABETH LAKE ROAD F.B. 3734-69

F.B. 4134 PG. 56 JOB NO. 0301.02 T=44°

SURVEY OF L.A.G. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER 1-4-73

INDEXED T. M. PALMERI DATE

WEATHER CLOUDY CALM INST. NO. 96716

TIME 10:20-10:55 ROD NO. 2139 A-13

NOTES CHK. DARAINE MIYATA DATE 30 JAN 73

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.L. STRADER

NOTES BY R.L.S. DATE 1-15-73

INDEXED L. M. PALMERI DATE JAN 19 1973

WEATHER CLEAR. CALM INST. NO. 75234

TIME 14:55-15:25 ROD NO. 2139A6

NOTES CHKD LARAINE MIYATA DATE 30 JAN 73

F.B. 4134 PG. 57

T=64°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM 209-25													FROM BM 209-25 TO BM 209-26
1	149	333	450	5	163 / 135	28	193	289	494	5	207 / 179	28	BM 209-25
													BOUQUET CYN. RD., 11.0 MILES
2	63	392	364	5	82 / 44	38	251	335	552	5	269 / 233	36	SW'LY OF ELIZABETH LAKE RD
						66						64	F.B. 3734-69
3	64	422	365	5	90 / 38	52	171	271	472	5	197 / 145	52	
						118						116	
4	108	832	409	5	134 / 82	52	231	798	532	5	258 / 204	54	
						170						170	
5	80	868	381	5	101 / 59	42	263	796	564	5	284 / 242	42	^ T. PETERSON
						212						212	
6	38	501	339	5	57 / 19	38	265	477	566	5	284 / 246	38	
						250						250	
7	93	250	394	5	116 / 70	46	221	701	522	5	244 / 198	46	
						296						296	
8	17	469	318	5	34 / 0	34	269	974	570	5	287 / 251	36	RERUN
+	616	067				330	1868	641				332	
						+	616	067				330	
						-	1252	574				662	
BM 209-26													BM 209-26
													BOUQUET CYN. RD., 11.6 MILES
													SW'LY OF ELIZABETH LAKE RD
													F.B. 3734-71

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CANCELED 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 STRADER
NOTES BY TRODRIGUEZ DATE 21-DEC-72 TIME 11:05-11:55 WEATHER Calm Clear INST. NO. 75234
INDEXED L. M. PALMERI DATE JAN 19 1973 NOTES CHK. LARAINE MIYATA DATE 30 JAN 73
F.B. 4134 PG. 59
T=70°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM209-26													FROM BM209-26 TO BM209-27
1	81	271	382	5	103 / 59	44	218	586	519	5	239 / 197	42	BM209-26
2	30	931	331	5	49 / 11	38 / 82	238	523	539	5	257 / 219	38 / 80	BOUQUET CYN RD. 11.6 MI S.W. of ELIZABETH LAKE RD.
3	141	440	442	5	164 / 118	46 / 128	300	002	601	5	2) 300 / 277	46 / 126	FB. 3734-71
4	86	388	387	5	107 / 65	42 / 170	277	183	578	5	298 / 256	42 / 168	⊼ PETERSON
5	37	338	338	5	54 / 20	34 / 204	268	438	569	5	286 / 250	36 / 204	
	60	970	361	5	82 / 38	44 / 248	290	278	591	5	2) 290 / 270	40 / 244	
7	63	641	364	5	73 / 53	20 / 268	270	607	571	5	281 / 259	22 / 266	
+	501	979					1863	617					
							+ 501	979				268	
BM209-27							− 1361	638				534	BM209-27 BOUQUET CYN RD. 11.90 MI SW. of ELIZABETH LAKE RD. FB3734-73

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 209-27	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 209-27 TO BM 209-26
1	296	267	597	5	296 280 ½	32	10	630	311	5	25 10 ½	30	BM 209-27
													BOUQUET CYN. RD., 11.90 MI.
2	281	763	582	5	295 267	28	100	591	401	5	114 86	28	SW'LY OF ELIZABETH LAKE ROAD
						60						58	F.B. 3734-73
3	231	679	532	5	252 210	42	51	138	352	5	72 30	42	
						102						100	
4	284	007	585	5	296 272	24	82	247	383	5	94 70	24	
						126						124	
5	192	445	493	5	216 168	48	13	772	314	5	38 13 ½	50	⊼ T. PETERSON
						174						174	
6	180	927	481	5	205 155	50	18	687	319	5	42 18 ½	48	
						224						222	
7	208	559	509	5	222 194	28	36	894	337	5	51 21	30	
+	1675	647				252	313	959				252	
-	313	959										252	
+	1361	688										504	
BM 209-26													BM 209-26
													BOUQUET CYN. RD., 11.6 MI.
													SW'LY OF ELIZABETH LAKE ROAD
													F.B. 3734-71

T = 44°

F.B. 4134 PG. 60 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER 1-4-73

INDEXED I. M. PALMERI DATE

WEATHER CLOUDY CLEAR INST. NO. 9671 X6

TIME 9:45 - 10:15 ROD NO. 2139 A-B

NOTES CHKD. LARAINE MIYATA DATE 30 JAN 73

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR CA[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM209-27									FROM BM209-27 TO BM209-28
1	42	792	343 5	57 27 30	177	455	478 5	191 163 28	BM209-27
2	30	690	331 5	57 3 54	291	310	592 5 (½)	291 265 52	BOUQUET CN. RD. 11.90 MI. S.W'LY
				84				80	OF ELIZABETH LAKE RD. NEAR
3	27	600	328 5	52 2 50	223	126	524 5	249 197 52	ENTRANCE TO "STREAMSIDE"
				134				132	CAMPGROUND. AT CULVERT STA 11.90
4	31	834	332 5	51 11 40	158	132	459 5	179 137 42	F.B. 3734-73
				174				174	
5	38	851	339 5	65 11 54	289	332	590 5 (½)	289 263 52	
				228				226	⊼ ANDERSON
6	14	211	315 5 (½)	34 14 40	219	420	520 5	240 198 42	
				268				268	
7	125	968	426 5	142 108 34	255	078	556 5	271 239 32	
				302				300	
8	21	579	322 5	29 13 16	190	022	491 5	198 182 16	
+	333	525		318	1803	875		316	
				+	333	525		318	
				-	1470	350		634	
BM209-28									BM209-28
									BOUQUET CN. RD 12.2 MI S.W'LY
									OF ELIZABETH LAKE RD. AT RD.
									CULVERT STATION 12.15
									F.B. 3734-75

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

SURVEY BY R. L. STRADER

NOTES BY PETERSON DATE 21 DEC 72

INDEXED T. M. PALMERI DATE JAN 19 1973

WEATHER CLEAR & CALM

TIME 13:15 - 13:45

NOTES CHKD LARAINE MIYATA DATE 30 JAN 73

INST. NO. 75234

ROD NO. 2139B3

F.B. 4134 Pg. 61

TE 74

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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
BM 209-28	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 209-28 TO BM 209-27
1	258	823	559	5	276 / 245	26	16	049	317	5	28 / 4	24	BM 209-28
2	189	652	490	5	214 / 164	50	11	769	312	5	(½) 36 / 11	50	BOUQUET CN. RD, 12.2 MI. S.W'LY OF ELIZABETH LAKE RD.
						76						74	AT. RD. CULVERT STA. 12.15
3	266	787	567	5	291 / 241	50	21	578	322	5	(½) 46 / 21	50	F.B. 3734-75
						126						124	
4	231	708	532	5	253 / 209	44	98	035	399	5	120 / 76	44	
						170						168	
5	277	623	578	5	(½) 277 / 250	54	75	508	376	5	102 / 48	54	ANDERSON
						224						222	
6	275	253	576	5	296 / 254	42	33	512	334	5	54 / 12	42	
						266						264	
7	247	178	548	5	273 / 221	52	15	727	316	5	(½) 42 / 15	54	
						318						318	
8	59	120	360	5	69 / 49	20	63	378	364	5	73 / 53	20	
	+ 1806	144				338	335	556				338	
	− 335	556										338	
BM 209-27	+ 1470	588										676	BM 209-27
													BOUQUET CN. RD. 11.9 MI. S.W'LY OF ELIZABETH LAKE RD. NEAR ENTRANCE TO STREAMSIDE CAMPGROUND AT CULVERT 11.90 F.B. 3734-73

T=46°

F.B. 4134 PG. 62 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 3 JAN 73

INDEXED I. M. PALMERI DATE

WEATHER CLOUDY & CALM INST. NO. 96716

TIME 15:00-15:30 ROD NO. 2139AB

NOTES CHKD. LARAINE MIYATA DATE 30 JAN 73

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON DATE 21 DEC 72
INDEXED T. M. PALMERI DATE JAN 19 1973
WEATHER OLEAR & CALM
TIME 13:45-14:45
NOTES CHKD LARAINE MIYATA DATE 30 JAN 73
F.B. 4134 PG 63
INST. NO. 75234
ROD NO. 2139 AC
F= 74

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM 209-28									FROM BM 209-28 TO BM 209-29
1	50	798	351 5	72 28 44	278	030	579 5	296 260 36	BM 209-28
2	20	042	321 5	35 5 30	159	022	460 5	178 140 38	BOUQUET CN. RD. 12.2 MI
				74				74	S.W.'LY OF ELIZABETH LAKE RD.
3	34	935	335 5	55 13 42	281	217	582 5	301 261 40	AT ROAD CULVERT STA. 12.15
				116				114	F.B. 3734-75
4	20	522	321 5	36 4 32	243	172	544 5	264 222 42	
				148				156	
5	19	745	320 5	32 6 26	225	713	526 5	234 216 18	
				174				174	π ANDERSON
6	17	022	318 5	31 3 28	172	393	473 5	187 157 30	
				202				204	
7	48	695	349 5	72 24 48	231	343	532 5	254 208 46	
				250				250	
8	41	601	342 5	62 20 42	247	200	548 5	268 226 42	
				292				292	
9	20	870	321 5	38 2 36	229	758	530 5	247 211 36	
				328				328	
10	22	072	323 5	42 2 40	283	342	584 5	(½) 283 263 40	
				368				368	
11	12	992	313 5	(½) 25 12 26	243	530	544 5	256 230 26	
				394				394	
12	16	470	317 5	27 5 22	218	840	519 5	229 207 22	
				416				416	
13	63	945	364 5	69 57 12	140	630	441 5	146 134 12	BM 209-29
+	389	709		428	2954	190		428	BOUQUET CN. RD. 12.8 MI. S.W.'LY
				+	389	709		428	OF ELIZABETH LAKE RD. AT ROAD
BM 209-29				-	2564	481		856	CULVERT STATION 12.81
									F.B. 3734-77

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4134 PG. 64 JOB NO. 0301.02

SURVEY OF LA. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 3JAN73

INDEXED T. M. PALMERI DATE

WEATHER CLOUDY & WDY INST. NO. 96716

TIME 13:55 - 14:55 ROD NO. 2139 MB

NOTES CH. LARAINE MIYATA DATE 30 JAN 73

T=50°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA	FORESIGHT RIGHT	MIC.	LEFT.		STADIA	DESCRIPTION AND REMARKS
BM 209-29											FROM BM 209-29 TO BM 209-28
1	262	772	563	5	276 248 28	39	681	340	5	56 22 34	BM 209-29
2	279	685	580	5	293 265 28	11	765	312	5	(½) 23 11 24	BOUQUET CN. RD. 12.8 MI. SW'LY OF ELIZABETH LAKE RD AT
					56					58	RD. CULVERT STATION 12.81
3	262	392	563	5	279 245 34	26	662	327	5	43 9 34	F.B. 3734-77
					90					92	
4	227	747	528	5	246 208 38	11	681	312	5	(½) 79 38	
					128					130	
5	272	722	573	5	290 254 36	63	747	364	5	81 45 36	TANDERSON
					164					166	
6	214	082	515	5	208 190 48	28	136	329	5	52 4 48	
					212					214	
7	185	203	486	5	206 164 42	10	122	311	5	(½) 30 10 40	
					254					254	
8	292	902	593	5	(½) 292 275 34	22	280	323	5	38 6 32	
					288					286	
9	256	502	557	5	278 234 44	12	051	313	5	(½) 33 12 42	
					332					328	
10	292	958	593	5	(½) 292 268 48	92	102	393	5	118 66 52	
					380					380	
11	299	662	600	5	(½) 299 282 34	84	893	385	5	102 66 36	
					414					416	
12	238	817	539	5	246 230 16	118	013	419	5	125 111 14	
					430	521	133			430	
+	3085	444								430	
-	521	133									
BM 209-28 +	2564	311								860	BM 209-28
											BOUQUET CN. RD. 12.2 MI SW'LY OF ELIZABETH LAKE RD. AT RD. CULVERT STA. 12.15 F.B. 3734-75

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 209-29									FROM B.M. 209-29 TO B.M. 209-30
1	33	840	334 5	37 15 36	298	802	599 5	298 282 ½ 32	B.M. 209-29
2	16	710	317 5	30 2 28	294	898	595 5	294 278 ½ 32	BOUQUET CYN. RD., 12.8 MI. SW'ERLY OF ELIZABETH LAKE RD.
3	37	360	338 5	50 24 64 26	271	862	572 5	283 64 259 24	F.B. 3734-77 NORTH SIDE — CULVERT
4	16	349	317 5	30 2 90 28	270	822	571 5	284 88 256 28	
5	48 ~~47~~	009	349 5	63 33 118 30	193	608	494 5	208 116 178 30	π = RODRIGUEZ
+	152	268		148	1329	992		146	
6			5	+	152	268	5	148	
				-	1177	724		294	
B.M. 209-30									B.M. 209-30
									BOUQUET CYN. RD., 13.0 MI. SW'ERLY OF ELIZABETH LAKE RD.
									F.B. 3734-79 E. SIDE

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

SURVEY BY R. STRADER

NOTES BY R. ANDERSON DATE 21-DEC. '72

INDEXED E. M. PALMERI DATE JAN 19 1973

WEATHER CLEAR & CALM INST. NO. 75234

TIME 14:50-15:05 ROD NO. 2139 A

NOTES CHK. LARAINE MIYATA DATE 30 JAN '73

T. = 74°

F.B. 4134 PG. 65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 209-30 TO B.M. 209-29
B.M. 209-30									B.M. 209-30
1	197	510	498 5	212 182 30	35	330	336 5	50 20 30	BOUQUET CYN. RD. 13.0 MI.
2	298	350	599 5	298 283 ½ 30	13	490	314 5	26 0 ½ 26	SW'ERLY OF ELIZABETH LAKE RD. E. SIDE
3	269	620	570 5	281 257 60 24	62	649	363 5	76 48 56 28	F.B. 3734-79
4	255	163	556 5	270 240 84 30	26	240	327 5	41 11 84 30	T = RODRIGUEZ
5	275	538	576 5	288 262 114 26	18	060	319 5	32 4 114 28	
6	148 ~~149~~	980	449 5	156 140 140 16	111	700	412 5	119 103 142 16	
	+1445	161		156	267	469		158	
B.M. 209-29	267	469						156	B.M. 209-29
	+1177	692						314	BOUQUET CYN. RD. 12.8 MI. SW'ERLY OF ELIZABETH LAKE RD. NORTH SIDE-CULV. F.B. 3734-77

T. = 50°

F.B. 4134 PG. 66 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 3-JAN.'73

INDEXED T. M. PALMERI DATE

WEATHER CLOUDY & WINDY INST. NO. 96716

TIME 13:25-13:45 ROD NO. 2139A-B

NOTES CHK'D LARAINE MIYATA DATE 30 JAN 73

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM 209-30													FROM BM 209-30 TO BM 209-31
1	58	318	359	5	69 / 47	22	215	893	516	5	226 / 204	22	BM 209-30
2	72	008	373	5	92 / 52	40 / 62	239	263	540	5	260 / 218	42 / 64	BOUQUET CYN. ROAD, 13.0 MI. SW'LY OF ELIZABETH LAKE RD,
3	73	911	374	5	94 / 52	42 / 104	235	554	536	5	255 / 215	40 / 104	CUL. STA. 13.06 F.B. 3734-79
4	51	571	352	5	71 / 31	40 / 144	235	879	536	5	255 / 215	40 / 144	
5	82	662	383	5	102 / 62	40 / 184	239	757	540	5	259 / 219	40 / 184	T. PETERSON
6	119	727	420	5	139 / 99	40 / 224	184	584	485	5	205 / 163	42 / 226	
7	24	570	325	5	36 / 12	24 / 248	266	772	567	5	277 / 255	22 / 248	
8	41	~~918~~ 872	342	5	57 / 25	32 / 280	259	426	560	5	274 / 244	30 / 278	
9	49	311	350	5	66 / 32	34 / 314	250	572	551	5	268 / 232	36 / 314	
10	71	110	372	5	90 / 52	38 / 352	220	699	521	5	239 / 201	38 / 352	
11	124	012	425	5	131 / 117	14 / 366	171	472	472	5	177 / 165	12 / 364	
+	769	072					-2519.871						
							769.072						
							-1750.799						
BM 209-31													BM 209-31 BOUQUET CYN. ROAD, 13.35 MI, SW'LY OF ELIZABETH LAKE RD. F.B. 3734-81

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

SURVEY BY R.L. STRADER DATE DEC. 26, '72 WEATHER CLEAR-WINDY INST. NO. 75234

NOTES BY R.L.S. TIME 9:00-9:45 ROD NO. 21394-A

INDEXED T. M. PALMERI DATE JAN 19 1973 NOTES CHK LARAINE MIYATA DATE 30 JAN 73

F.B. 4134 PG. 67

T = 54°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 209-31									FROM BM 209-31 TO BM 209-30
1	213	562	514 5	236 190 46	32	936	333 5	55 9 46	BM 209-31
2	265	744	566 5	288 242 46	10	098	311 5 (½)	33 10 46	BOUQUET CN. RD. 13.35 MI
				92				92	S.W'LY OF ELIZABETH LAKE RD
3	229	920	530 5	242 216 26	15	391	316 5	28 2 26	F.B. 3734-81
				118				118	
4	288	345	589 5	300 276 24	63	393	364 5	75 51 24	
				142				142	ANDERSON
5	160	704	461 5	187 133 54	39	033	340 5	66 12 54	
				196				196	
6	256	372	557 5	279 233 46	42	510	343 5	65 19 46	
				242				242	
7	277	462	578 5 (½)	277 248 58	26	842	327 5 (½)	55 26 58	
				300				300	
8	179	363	480 5	201 157 44	46 ~~47~~	982 ~~030~~	347 5 ~~348~~ 5	~~69~~ ~~25~~ 44	68 24
				344				344	
9	197	372	498 5	207 187 20	41	146	442 5	51 31 20	
+	2068	844		364	318	331		364	
−	318	331						364	
+	1750	513						728	
BM 209-30									BM 209-30
									BOUQUET CN. RD 13.0 MI.
									S.W'LY OF ELIZABETH LAKE RD
									AT CULVERT STA. 13.06
									F.B. 3734-79

F.B. 4134 PG. 68 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 3 JAN 73

INDEXED I. M. PALMERI DATE

T=50°

WEATHER CLOUDY & CALM

TIME 11:30 - 12:15

NOTES CHKD LARAINE MIYATA

INST. NO. 96716

ROD NO. 2139AB

DATE 30 JAN 73

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 209-30									FROM BM 209-30 TO BM 209-31
1	53	679	354 5	66 40 26	231	345	532 5	244 218 26	BM 209-30
2	64	155	365 5	88 40 48	263	791	564 5	288 238 50	
				74				76	
3	61	897	362 5	86 36 50	269	949	570 5	294 244 50	
				124				126	
4	54	177	355 5	78 30 48	252	287	553 5	276 228 48	⊼ STRADER
				172				174	
5	75	136	376 5	100 50 50	180	205	481 5	204 156 48	
				222				222	
6	17	132	318 5	32 2 30	298	443	599 5	298½ 282½ 32	
				252				254	
7	24	392	325 5	42 6 36	278	735	579 5	296 260 36	
				288				290	RERUN
8	28	570	329 5	51 5 46	264	272	565 5	287 241 46	
				334				336	
9	107	423	408 5	121 93 24	198	155	499 5	210 186 24	
	+ 486	561		358	2237	182		360	
				+	486	561		358	
				−	1750	621		718	
BM 209-31									BM 209-31

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

SURVEY BY R.L. STRADER

NOTES BY R.L.S. DATE 1-12-73

INDEXED T. M. PALMERI DATE JAN 19 1973

WEATHER CLEAR-CALM INST. NO. 75234

TIME 13:10-13:50 ROD NO. 2139 A-C

NOTES CHK DARAINE MIYAPA DATE 30 JAN 73

T = 62°

F.B. 4134 Pg. 69

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 209-31									FROM BM 209-31 TO BM 209-32
1	29	299	330 5	41 17 24	298	133	599 5	298 1/2 286 24	BM 209-31 BOUQUET CYN. RD., 13.35 MILES SW'LY OF ELIZABETH LAKE ROAD, F.B. 3734-81
2	41	912	342 5	55 27 28	259	210	560 5	273 245 28	
				52				52	
3	83	234	384 5	102 64 38	224	780	525 5	243 205 38	
				90				90	
4	22	206	323 5	41 3 38	287	518	588 5	287 1/2 270 34	
				128				124	
5	46	316	347 5	62 30 32	158	688	459 5	174 142 32	⊼ T. PETERSON
				160				156	
6	110	823	411 5	124 96 28	298	193	599 5	298 285 1/2 26	
				188				182	
7	93	683	394 5	102 84 18	301	915	602 5	301 291 1/2 20	
				206				202	
8	21	208	322 5	32 10 22	293	042	594 5	293 280 1/2 26	
				228				228	
9	117	156	418 5	125 109 16	186	372	487 5	194 178 16	
	+565	837		244	-2307	851		244	
					+565	837		244	
					-1742	014		488	
BM 209-32									BM 209-32 BOUQUET CYN. RD., 13.7 MILES SW'LY OF ELIZABETH LAKE ROAD, F.B. 3734-83

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

SURVEY BY R.L. STRADER

NOTES BY R.L.S. DATE DEC. 26, '72

INDEXED I. M. PALMERI DATE JAN 19 1973

WEATHER CLEAR-WINDY INST. NO. 75234

TIME 9:50-10:30 ROD NO. 2139 A-B

NOTES CHK. DARAINE MIYATA DATE 30 JAN 73

T=60°

F.B. 4134 PG. 71

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM209-32	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM209-32 TO BM209-31
1	273	571	574	5	291 255	36	14	232	315	5	1) 30 14	32	BM209-32
2	296	488	597	5	1) 296 2) 285	22	48	216	349	5	61 35	26	BOUQUET CYN RD 13.7 MI S.W of ELIZABETH LAKE RD.
						58						58	
3	279	100	580	5	296 262	34	16	788	317	5	2) 33 76	34	FB 3734-83
						92						92	
4	295	176	596	5	1) 295 2) 279	32	75	037	376	5	91 59	32	⊼ PETERSON
						124						124	
5	265	207	566	5	287 243	~~44~~	62	148	363	5	86 38	48	
						168						172	
6	268	529	569	5	290 246	44	43	798	344	5	63 23	40	
						212						212	
7	263	456	564	5	276 250	26	19	705	320	5	32 6	26	
						238						238	
8	119	698	420	5	126 112	14	39 ~~29~~	523	340	5	46 32	14	
	+ 2061	225				252	319	447				252	
	− 319	447										252	
	+ 1741	778										504	
BM209-31													BM 209-31 BOUQUET CYN RD 13.35 MI SW of ELIZABETH LAKE RD FB 3734-81

F.B. 4134 Pg. 72 JOB NO. 0301.02

SURVEY OF LA CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES RODRIGUEZ 3 Jan 72

INDEXED I. M. PALMERI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 10:35 - 11:25 ROD NO. 2139 HB

NOTES CHKD LORAINE MIYATA DATE 30 JAN 73

T = 46°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM209-31									FROM BM 209-31 TO BM 209-32
1	11	160	312 5	2) 24 11 26	294	950	595 5	2) 294 282 24	BM 209-31
2	20	570	321 5	2) 44 20 48	285	232	586 5	2) 261 285 48	
				74				72	
3	19	118	320 5	36 2 34	192	490	493 5	208 176 32	
				108				104	
4	72	050	373 5	92 52 40	290	750	591 5	290 269 42	
				148				146	
5	86	301	387 5	101 71 30	210	451	511 5	228 192 36	⊼ R. RODRIGUEZ
				178				182	
	11	890	312 5	2) 23 11 24	300	851	601 5	2) 300 290 20	
				202				202	
7	19	990	320 5	28 10 18	252	631	553 5	262 242 20	RERUN
				220				222	
	31	600	332 5	43 19 24	187	250	488 5	198 176 22	
+	272	679		244	2014	605		244	
				+	272	679		244	
				−	1741	926		488 M.	
BM209-32									BM 209-32

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

SURVEY BY R.L. STRADER

NOTES BY R.J. RODRIGUEZ DATE 1-12-73

INDEXED L. M. PALMERI DATE JAN 19 1973

WEATHER CLEAR-CALM INST. NO. 75234

TIME 13:55-14:35 ROD NO. 2139AB

NOTES CHK LARAINE MIYATA DATE 30 JAN '73

T=62°

F.B. 4134 PG. 73

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. L. STRADER
NOTES BY PETERSON DATE 26 DEC 72
INDEXED E. M. PALMERI DATE JAN 19 1973
WEATHER CLEAR & WINDY
TIME 10:35-11:45
NOTES CHKD LARAINE MIYATA DATE 30 JAN 73
T= 60°
F.B. 4134 PG. 75
INST. NO. 95236
ROD NO. 2139 AB

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM209-32									FROM BM 209-32 TO BM 209-33
1	19	918	320 5	29 9 20	227	647	528 5	237 217 20	BM 209-32
2	29	788	330 5	41 17 24 / 44	122	981	423 5	135 109 26 / 46	BOUQUET CN. RD 13.7 MILES S.W. LY OF ELIZABETH LAKE RD F.B. 3734-83
3	82	168	383 5	95 69 26 / 70	268	678	569 5	281 255 26 / 72	
4	28	019	329 5	38 18 20 / 90	255	922	556 5	265 245 20 / 92	⊼ ANDERSON
5	16	334	317 5	26 6 20 / 110	173	032	474 5	183 163 20 / 112	
6	14	478	315 5	(1/3) 27 14 26 / 136	129	413	430 5	141 117 24 / 136	
7	26	412	327 5	42 10 32 / 168	271	320	572 5	287 255 32 / 168	
8	14	228	315 5	(1/2) 31 14 34 / 202	213	735	514 5	230 196 34 / 202	
9	51	021	352 5	69 33 36 / 228	178	398	479 5	195 161 34 / 236	
10	66	608	367 5	89 43 46 / 284	196	580	497 5	220 172 48 / 284	
11	22	212	323 5	42 2 40 / 324	287	250	588 5	(1/2) 287 268 38 / 322	
12	10	662	311 5	(1/5) 28 10 36 / 360	290	818	591 5	(1/2) 290 272 36 / 358	BM 209-33
13	42	~~978~~ 935	343 5	71 3 58 / 418	294	028	595 5	(1/2) 294 270 48 / 406	BOUQUET CN. RD. 14.2 MILES S.W. LY OF ELIZABETH LAKE RD. AT CULVERT AT RD STA. 14.23 F.B. 3734-85
14	56	653	357 5	61 51 10 / 428	171	412	472 5	181 161 20 / 426	
BM 209-33 +	481	436			3081	214		428	
					+ 481	436		854	
					- 2599	778			

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4134 PG. 76 | JOB NO. 0301.02 | SURVEY OF L.M.CO. PRECISE LEVEL NET | SURVEY BY R.L.S. | NOTES 120 DRIGUE 2 | INDEXED J. M. PALMERI | DATE

WEATHER OVERCAST | INST. NO. 96716 | TIME 9:25-10:35 | ROD NO. 13948 | NOTES CHKD. LORAINE MIYATA | DATE 30 JAN 78

15 48°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 209-33													FROM BM 209-33 TO BM 209-32
1	281	886	582	5	295 267	28	30	685	331	5	45 15	30	BM 209-33 BOUQUET CYN RD 14.2 mi S.W of ELIZABETH LAKE RD
2	239	958	540	5	264 214	50	10	594	311	5	2) 34 10	48	FB 3734-85
						78						78	
3	291	981	592	5	2) 291 274	34	12	722	313	5	2) 30 12	36	T PETERSON
						112						114	
4	284	474	585	5	300 268	32	107	255	408	5	123 91	32	
						144						146	
5	225	934	524	5	253 197	56	36	353	337	5	64 8	56	
						200						202	
6	283	909	584	5	283 2) 254	58	14	262	315	5	2) 42 14	56	
						258						258	
7	292	911	593	5	2) 292 275	34	10	052	311	5	2) 27 10	34	
						292						292	
8	276	268	577	5	295 257	38	88	316	389	5	108 68	40	
						330						332	
9	256	150	557	5	276 236	40	14	031	315	5	2) 30 14	32	
						370						364	
10	255	637	556	5	265 245	20	61	499	362	5	75 47	28	
						390						392	
11	251	493	552	5	262 240	22	55	608	356	5	65 45	20	
						412						412	
12	143	182	444	5	148 138	10	42	803	343	5	47 37	10	
	+ 3083	783				422	484	180				422	
BM 209-32	- 484	180										422	BM 209-32
	+ 2599	603										844	BOUQUET CYN RD 13.7 mi S.W of ELIZABETH LAKE RD
													FB 3734-83

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON DATE 26 DEC 72
INDEXED L. M. PALMERI DATE JAN 19 1973
WEATHER CLEAR
TIME 13:00 - 14:00
NOTES CHK LARAINE MIYATA DATE 30 JAN 73
F.B. 4134 PG. 77
INST. NO. 75234
ROD NO. 2134AB

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 209-33									FROM BM 209-33 TO BM 209-34
1	53	122	354 5	69 / 37 32	195	218	496 5	211 / 179 32	BM 209-33
2	26	493	327 5	48 / 4 44 / 76	189	472	490 5	213 / 165 48 / 80	BOUQUET CN. RD. 14.2 MILES S. W'LY OF ELIZABETH LAKE RD AT CULVERT AT ROAD STA. 14.23
3	19	300	320 5	32 / 6 26 / 102	252	940	553 5	263 / 241 22 / 102	F.B. 3734-85
4	12	970	313 5	(½) 27 / 12 30 / 132	187	357	488 5	202 / 172 30 / 132	
5	48	597	349 5	71 / 25 46 / 178	298	921	599 5	(½) 298 / 278 40 / 172	⊼ ANDERSON
6	37	164	338 5	51 / 23 28 / 206	246	190	547 5	263 / 229 34 / 206	
7	59	122	360 5	83 / 35 48 / 254	286	602	587 5	(½) 286 / 262 48 / 254	
8	17	818	318 5	(½) 36 / 17 38 / 292	281	345	582 5	300 / 262 38 / 292	
9	10	813	311 5	(½) 27 / 10 34 / 326	143	340	444 5	159 / 127 32 / 324	
10	121	697	422 5	138 / 104 34 / 360	296	088	597 5	(½) 296 / 280 32 / 356	
11	10	963	311 5	(½) 21 / 10 22 / 382	253	198	554 5	266 / 240 26 / 382	
12	118	462	419 5	130 / 106 24 / 406	109	605	410 5	121 / 97 24 / 406	
+	536	521			2740	276			
BM 209-34					+ 536	521		406	BM 209-34
					- 2203	755		812	BOUQUET CN. RD. 14.55 MI. S.W'LY OF ELIZABETH LAKE RD. IN TOP ~~EDGE~~ OF ROCK. 3° ABOVE PUMT. ~~BM 209~~ F.B. 3734-87

E66

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 209-34									FROM BM 209-34 TO BM 209-33
1	99	379	400 5	118 88 22	88	529	389 5	99 77 22	BM 209-34
2	221	571	522 5	237 205 32	10	208	311 5	25 10 1/2 30	BOUQUET CN. RD. 14.55 MI. S.W.'LY OF ELIZABETH LAKE RD
3	269	660	570 5	276 262 54 14	80	858	381 5	88 72 52 16	IN TOP OF LARGE ROCK. 3° ABOVE PVMT. F.B. 3734-87
4	116	872	417 5	135 97 68 38	61	764	362 5	80 42 68 38	
5	271	292	572 5	290 252 106 38	11	434	312 5	27 11 1/2 106 32	⊼ ANDERSON
6	203	969	504 5	216 190 144 26	52	523	353 5	68 36 138 32	
7	279	495	580 5	297 261 170 36	75	832	376 5	93 57 170 36	
8	194	008	495 5	210 178 206 32	15	740	316 5	32 15 1/2 206 34	
9	274	478	575 5	284 264 238 20	50	803	351 5	60 40 240 20	
10	138	977	439 5	154 122 258 32	47	274	348 5	63 31 260 32	
11	259	982	560 5	274 244 290 30	12	652	313 5	27 12 1/2 292 30	
12	273	302	574 5	293 253 320 40	121	492	422 5	143 99 322 44	
13	245	470	546 5	264 226 360 38	58	103	359 5	74 42 366 32	
BM 209-~~34~~ 33 14	136	585	437 5	141 131 398 10	94	012	395 5	99 89 398 10	BM 209-~~34~~ 33 BOUQUET CYN. RD. 14.2 MILES
+	2985	040		408	781	224		408	S.W'LY OF ELIZABETH LAKE RD.
−	781	224						408	F.B. 3734-85
+	2203	816						816	

F.B. 4134 PG. 78 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER 1-2-73

INDEXED T. M. PALMERI DATE

WEATHER CLEAR & CALM INST. NO. 96716

TIME 14:45 - 15:45 ROD NO. 2139AB

NOTES CHK. MARAINE MIYATA DATE 30 JAN 73

T=60

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

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

SURVEY BY R.L. ANDERSON / R.L. STRADER DATE 26-DEC. '72 WEATHER CLEAR & WINDY INST. NO. 252331

NOTES BY R.L. STRADER TIME 14:10 - 14:55 ROD NO. 218184

INDEXED L. M. PALMERI DATE JAN 19 1973 NOTES CH LORAINE MIYATA DATE 30 JAN 73

T = 70°

F.B. 4134 PG. 79

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 209-34									FROM B.M. 209-34 TO B.M. 209-35
1	22	370	323	5	214	878	515	5	B.M. 209-34
2	140	780	441	5	238	490	539	5	BOUQUET CYN. RD. 14.55 SWLY
3	126	830	427	5	178	969	479	5	OF ELIZABETH LAKE RD.
4	20	711	321	5	295	535	596	5	F.B 3734-87
5	31	210	332	5	283	590	584	5	
6	79	129	380	5	249	585	550	5	T = STRADER
7	36	712	337	5	230	261	531	5	
8	135	122	436	5	272	461	573	5	
9	28	735	329	5	227	029	528	5	
10	84	982	385	5	~~285~~ 284	158	585	5	
+	706	581			2474 958				
B.M. 209-35					+ 706.581				B.M. 209-35
					- 1768375				BOUQUET CYN. RD., OPPOSITE SIDE OF RD. OF TEXAS CYN. RANGER STA.
									F.B 3734-89

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4134 PG. 80 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE 12-JAN.'73

INDEXED L. M. PALMERI DATE

WEATHER CLEAR & CALM TIME 13:50-14:35 NOTES CHAINAGE MIXAT RATE

INST. NO. 96716 ROD NO. 2137 A.B. 50 JAN 76

T=64'

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 209-35 TO B.M. 209-34
B.M. 209-35	294				294						108		B.M. 209-35
1	~~296~~	805	595	5	281 ½	26	95	549	396	5	82	26	BOUQUET CYN. RD., OPPOSITE
					250						51		SIDE OF RD. OF TEXAS CYN.
2	225	781	526	5	200	50	27	870	328	5	3	48	RANGER STA.
					297	76					160	74	F.B. 3734-89
3	272	143	573	5	247	50	125	147	426	5	100	50	
					225	126					82	124	
4	203	948	504	5	181	44	61	658	362	5	40	42	
					204	170					98	166	T = STRADER
5	191	083	492	5	178	26	82	460	383	5	66	32	
					288	196					28	198	
6	275	183	576	5	262	26	14	852	315	5	14 ½	28	
					299	222					21	226	
7	299	534	600	5	290 ½	18	10	608	311	5	10 ½	22	
					278	240					175	248	
8	264	291	565	5	250	28	162	357	463	5	149	26	
					242	268		320			69	274	
9	217	253	518	5	192	50	46	~~353~~	347	5	23	46	
					176	318					92	320	
10	161	551	462	5	146	30	78	792	379	5	64	28	
					152	348					84	348	
B.M. 209-34	147	770	448	5	142	10	79	607	380	5	74	10	B.M. 209-34
+	2553	342				358	785	220				358	BOUQUET CYN. RD.
-	785	220										358	14.55 MI. SW'ERLY OF
+	1768	122										716	ELIZABETH LAKE RD.
													F.B. 3734-87

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR C[illegible]LED 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. 209-35													FROM B.M. 209-35 TO B.M. 209-36
1	183	928	484	5	191 175	16	197	936	498	5	205 189	16	B.M. 209-35
					37						277		BOUQUET CYN. RD., OPPOSITE
2	23	767	324	5	9	28	264	301	565	5	251	26	SIDE OF ROAD OF TEXAS CYN.
					30	44					179	42	RANGER STA.
3	14	118	315	5	14	½ 32	162	521	463	5	145	34	F.B. 3734-89
					159	76					288	76	
4	135	893	436	5	111	48	288	710	589	5	264	½ 48	
					33	124					269	124	
5	19	831	320	5	5	28	254	631	555	5	239	30	
					72	152					252	154	
6	46	771	347	5	20	52	227	909	528	5	202	50	T = STRADER
					38	204					295	204	
7	20	221	321	5	2	36	277	584	578	5	259	36	
					61	240					228	240	
8	40	055	341	5	19	42	208	653	509	5	188	40	
					135	282		355			145	280	
B.M. 209-36	129	907	430	5	123	12	139	~~365~~	440	5	133	12	B.M. 209-36
+	614	491				294	2021	600				292	BOUQUET CYN. RD., 0.35 MI. S'LY
							+ 614	491				294	OF TEXAS CYN. RANGER STA.
							~~1402~~	~~709~~				586	F.B. 3734-91
							- 1407	109					

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

SURVEY BY R.L. STRADER

NOTES BY R. ANDERSON DATE 26-DEC.'72 WEATHER CLEAR & WINDY INST. NO. 75234

INDEXED I. M. PALMERI DATE JAN 19 1973 TIME 14:55-15:35 ROD NO. 2139A.B

NOTES CHK. LARAINE MIYATA DATE 30 JAN 73

T. = 66°

F.B. 4134 PG. 81

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 209-36	205				219						99		B.M. 209-36
1	~~206~~	909	506	5	191	28	85	406	386	5	71	28	BOUQUET CYN. RD., 0.35
					282						53		MI. S'LY OF TEXAS CYN. RAN-
2	282	254	583	5	260 ½	44	31	652	332	5	9	44	GER STA.
					289	72					102	72	F.B. 3734-91
3	267	180	568	5	245	44	80	876	381	5	58	44	
					277	116					30	116	
4	258	833	559	5	239	38	12	202	313	5	12 ½	36	
					289	154					88	152	
5	289	807	590	5	276 ½	26	74	519	375	5	60	28	T = STRADER
					161	180					125	180	
6	137	136	438	5	113	48	101	999	402	5	77	48	
					258	228					41	228	
7	245	870	546	5	232	26	28	711	329	5	15	26	
					264	254					78	254	
8	252	935	553	5	240	24	66	908	367	5	54	24	
					184	278					235	278	
9	179	429	480	5	174	10	230	063	531	5	225	10	
	+2119	353				288	-712	336				288	
B.M. 209-35	-712	336										288	B.M. 209-35
	+1407	017										576	BOUQUET CYN. RD., OPPOSITE SIDE OF RD. OF TEXAS CYN. RANGER STA. F.B. 3734-89

T. = 64°

WEATHER CLEAR & CALM INST. NO. 96716

TIME 13:15 - 13:50 ROD NO. 2139 A.B.

NOTES CHK. BRAINE MIYATA DATE 30 JAN 73

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 2-JAN.'73

INDEXED L. M. PALMERI DATE

F.B. 4134 PG. 82

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 209-36													FROM BM 209-36 TO BM 209-37
1	183	854	484	5	194 172	22	213	659	514	5	224 202	22	BM 209-36
2	58	088	359	5	83 33	50	231	447	532	5	256 206	50	BOUQUET CYN. RD., 0.35 MI.
3	45	464	346	5	67 23	72 44	255	898	556	5	276 234	72 42	S'LY OF TEXAS CYN. RANGER STATION
4	152	110	453	5	175 129	116 46	200	880	501	5	223 177	114 46	F.B. 3734-91
5	36	013	337	5	54 18	162 36	221	740	522	5	239 203	160 36	T T. PETERSON
6	43	455	344	5	65 21	198 44	214	399	515	5	236 192	196 44	
7	104	061	405	5	127 81	242 46	203	798	504	5	227 179	240 48	
8	86	762	387	5	108 64	288 44	209	154	510	5	231 187	288 44	
9	145	403	446	5	157 133	332 24	75	807	376	5	87 63	332 24	
	+ 855	210				356	-1826	782				356	
							+ 855	210				356	
							-971	572				712	
BM 209-37													BM 209-37 BOUQUET CYN. RD., 2.1 MILES NE'LY OF VASQUEZ CYN. RD. F.B. 3734-93

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L.S. R.L. STRADER
NOTES BY R.L.S. DATE DEC. 27, '72 WEATHER CLEAR CALM INST. NO. 75234
TIME 11:20-12:05 ROD NO. 2139A-1
INDEXED M. M. PALMERI DATE JAN 19 1973 NOTES CHK. LORAINE MIYATA DATE 30 JAN 73

T= 66°

F.B. 4134 PG. 83

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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
BM 209-37	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 209-37 TO BM 209-36
1	78	428	379	5	95 / 61	34	91	802	392	5	107 / 75	32	BM 209-37
2	188	655	489	5	213 / 163	50	51	842	352	5	77 / 25	52	BOUQUET CN. RD. 2.1 MI N.E. 4
						84						84	OF VASQUEZ CN RD N'LY SIDE
3	178	617	479	5	203 / 153	50	90	~~510~~ 510	391	5	115 / 65	50	F.B. 3734-93
						134						134	
4	211	~~628~~ 572	512	5	236 / 186	50	21	723	322	5	(½) 46 / 21	50	π ANDERSON
						184						184	
5	~~267~~ 268	044	569	5	292 / 244	48	89	148	390	5	113 / 65	48	
						232						232	
6	129	902	430	5	151 / 107	44	28	448	329	5	50 / 6	44	
						276						276	
7	270	008	571	5	294 / 246	48	68	471	369	5	92 / 44	48	
						324						324	
8	183	912	484	5	197 / 169	28	74	~~462~~ 397	375	5	88 / 60	28	
						352						352	
9	100	742	401	5	105 / 95	10	122	372	423	5	127 / 117	10	
	+ 1609	880				362	638	713				362	
	638	713										362	
	+ 971	167										724	
BM 209-36													BM 209-36
													BOUQUET CN. RD 0.35 MI. S'LY
													OF TEXAS CN. RANGER STATION.
													F.B. 3734-91

T = 56°

F.B. 4134 PG. 84 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 2 JAN 73

INDEXED T. M. PALMERI DATE

WEATHER CLEAR & CALM INST. NO. 96716

TIME 11:35 - 12:15 ROD NO. 2139 AB

NOTES CHKD LARAINE MIYATA DATE 30 JAN 73

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4134 PG. 86 JOB NO. 0301.02 T-64°

SURVEY OF L.A.C. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER 1-15-73

INDEXED T. M. PALMERI DATE

WEATHER CLEAR-CALM INST. NO. 75234

TIME 1115-1200 ROD NO. 2/39 AB

NOTES CH. LORAINE MIYATA DATE 30 JAN 76

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
BM 209-37	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM BM 209-37 TO BM 209-36
1	110	218	411	5	136 84 52	77	437	378	5	102 52 50	BM 209-37
2	216	978	519	5	241 191 50	89	628	390	5	115 63 52	
					102					102	
3	188	558	489	5	213 163 50	71	002	372	5	96 46 50	
					152					152	
4	261	707	562	5	287 235 52	25	897	326	5	58 8 50	
					204					202	
5	214	001	515	5	240 188 52	101	448	402	5	128 74 54	T. PETERSON
					256					256	
6	237	804	538	5	263 211 52	19	029	320	5	(6) 77 19 56	
					308					312	
7	211	430	512	5	227 195 32	97	882	398	5	111 83 28	
					340					340	RERUN
8	201	151	502	5	213 189 24	188	187	489	5	199 177 22	
+	1641	847			364	670	490			362	
−	670	490								364	
+	971	357								726	
BM 209-36											BM 209-36

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]LED 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
BM 209-37	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 209-37 TO BM 209-38
1	73	310	374	5	80 66	14	87	229	388	5	94 80	14	BM 209-37
							+73	310				14	BOUQUET CYN. RD., 2.1 MILES
							-13	919				28	NE'LY OF VASQUEZ CYN. RD.
													N'LY SIDE OF ROAD
													F.B. 3734-93
													⊼ T. PETERSON
BM 209-38													BM 209-38
													BOUQUET CYN. RD., 2.1 MILES
													NE'LY OF VASQUEZ CYN. RD.
													S'LY SIDE OF ROAD
													F.B. 3734-95

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY R.L.S. DATE DEC. 27, '72
INDEXED L. M. PALMERI DATE JAN 19 1973
WEATHER CLEAR. CALM
TIME 13:05-13:10
NOTES CHKD LARAINE MIYATA DATE 30 JAN 73
INST. NO. 75234
ROD NO. 2139 A-B
T=72°
F.B. 4134 PG. 87

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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
BM 209-38	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 209-38 TO BM 209-37
1	71	310	372	5	81 61	20	57	363	358	5	67 47	20	BM 209-38
	- 57	363										20	BOUQUET CN. RD. 2.1 MI N.E'LY
	+ 13	947										40	OF VASQUEZ CN. RD.
													S'LY SIDE OF RD
													F.B. 3734-95
													π ANDERSON
BM 209-37													BM 209-37
													BOUQUET CN. RD, 2.1 MILES
													N.E'LY OF VASQUEZ CN. RD.
													N'LY SIDE OF RD.
													F.B. 3734-93

F.B. 4134 PG. 88 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 2 JAN 73

INDEXED L. M. PALMERI DATE

WEATHER CLEAR & CALM INST. NO. 96716

TIME 11:30 ROD NO. 2139 AB

NOTES CHECKED KARAINE MIYATA DATE 30 JAN 73

t=56

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CORRECTED 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 209-38													FROM BM 209-38 TO BM 209-39
1	32	448	333	5	54 / 10	44	184	172	485	5	206 / 162	44	BM 209-38
2	102	230	403	5	126 / 78	48	192	553	493	5	216 / 168	48	BOURQUET CYN. RD., 2.1 MILES NE'LY OF VASQUEZ CYN. RD.,
						92						92	S'LY SIDE OF ROAD
3	126	079	427	5	151 / 101	50	168	961	469	5	193 / 143	50	F.B. 3734-95
						142						142	
4	92	849	393	5	117 / 67	50	210	734	511	5	235 / 185	50	
						192						192	
5	106	122	407	5	130 / 82	48	170	909	471	5	193 / 147	46	T. PETERSON
						240						238	
6	120	188	421	5	145 / 95	50	225	616	526	5	250 / 200	50	
						290						288	
7	53	683	354	5	77 / 29	48	284	216	585	5	284½ / 261	46	
						338						334	
8	23	519	324	5	41 / 5	36	242	657	543	5	262 / 222	40	
						374						374	
9	73	439	374	5	97 / 49	48	198	512	499	5	222 / 174	48	
						422						422	
10	133	223	434	5	142 / 124	18	224	696	525	5	232 / 216	16	
+	863	780				440	2103	026				438	
						+	863	780				440	
						−	1239	246				878	
BM 209-39													BM 209-39 BOURQUET CYN. RD., 1.5 MILES N'LY OF VASQUEZ CYN. RD. F.B. 3734-97

T = 72°

JOB NO. 030102 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L.S. R.L. STRADER
NOTES BY R.L.S.
DATE DEC. 27, '72
WEATHER CLEAR, CALM
INST. No 75234
TIME 13:15-14:05
ROD No 2139 A-B
INDEXED J.M. PALMERI
DATE JAN 19 1973
NOTES CHK'D LORAINE MIYATA
DATE 30 JAN 73
F.B. 4134 PG. 89

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 75234 ROD NO. 2179 A-13 DATE 30 JAN 76

WEATHER CLEAR-CALM TIME 14:45-14:35 NOTES CHK LARAINE MIYATA

T= 54°

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

SURVEY BY R.L.S. NOTES K.L. STRADER DEC. 29 '72

INDEXED L. M. PALMERI DATE

F.B. 4134 PG. 90

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM. 209-39	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 209.39 TO BM 209-38
1	235	202	536	5	252 218	34	108	213	409	5	126 90	36	BM 209-39 BOUQUET CYN. RD., 1.5 MILES
2	231	934	532	5	256 206	50	47	523	348	5	72 22	50	N'LY OF VASQUEZ CYN. RD.
						84						86	F.B. 3734-97
3	287	147	588	5	287 ½ 266	42	32	794	333	5	52 12	40	
						126						126	
4	239	778	540	5	261 217	44	85	980	386	5	106 64	42	
						170						168	
5	199	550	500	5	224 174	50	132	602	433	5	157 107	50	T T. PETERSON
						220						218	
6	195	577	496	5	221 169	52	92	554	393	5	118 66	52	
						272						270	
7	199	652	500	5	224 174	50	120	352	421	5	146 94	52	
						322						322	
8	181	871	482	5	206 156	50	115	622	416	5	140 90	50	
						372						372	
9	194	357	495	5	214 174	40	123	854	424	5	143 103	40	
						412						412	
10	174	407	475	5	188 160	28	40	462	341	5	52 28	24	
+	2139	475				440	899	956				436	
−	899	956										440	
+	1239	519										876	
B.M.209-38													BM. 209-38 BOUQUET CYN. RD., 2.1 MILES NE'LY OF VASQUEZ CYN. RD. S'LY SIDE OF ROAD F.B. 3734-95

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM209-39									FROM BM209-39 TO BM209-40
1	242	~~755~~ 716	543 5	255 229 26	132	218	433 5	146 118 28	BM209-39
									BOUQUET CN. RD. 1.5 MILES
2	24	978	325 5	(1/2) 49 24 50	298	952	599 5	(1/2) 298 275 46	N'LY OF VASQUEZ CN. RD.
				76				74	F.B. 3734-97
3	12	468	313 5	(1/2) 38 12 52	182	570	483 5	209 155 54	
				128				128	
4	69	733	370 5	97 41 56	198	257	499 5	225 171 54	
				184				182	⊼ ANDERSON
5	55	316	356 5	83 27 56	193	865	494 5	222 164 58	
				240				240	
6	28	280	329 5	(1/2) 56 28 56	204	268	505 5	231 177 54	
				296				294	
7	33	788	334 5	59 7 52	176	561	477 5	202 150 52	
				348				346	
8	58	878	359 5	85 31 54	166	545	467 5	191 141 50	
				402				396	
9	102	072	403 5	110 94 16	141	013	442 5	152 130 22	
	+ 628	229		418	- 1694	249		418	
					+ 628	229		418	
BM209-40					- 1066	020		836	BM209-40
									BOUQUET CN. RD. 1.0 MI N'LY
									OF VASQUEZ CN. RD. E'LYSIDE
									F.B. 3734-99

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

SURVEY BY R.L. STRADER

NOTES BY PETERSON DATE 27 DEC 72

INDEXED T. M. PALMERI DATE JAN 19 1973

WEATHER CLEAR & CALM

TIME 14:10 - 14:55

NOTES CHKD LARAINE MIYATA DATE 30 JAN 73

INST. NO. 75234

ROD NO.

F.B. 4134 PG. 91

T=72

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM209-40									FROM BM209-40 TO BM209-39
1	166	178	467 5	190 / 142 48	83	938	384 5	106 / 60 46	BM209-40
									BOUQUET CN RD - 1.0 MI N'LY
2	165	047	466 5	191 / 139 52	57	150	358 5	83 / 31 52	OF VASQUEZ CN. RD. ELY SIDE
				100				98	F.B. 3734-99
3	206	991	507 5	231 / 181 50	51	223	352 5	76 / 26 50	
				150				148	
4	207	627	508 5	232 / 182 50	69	~~463~~ 417	370 5	94 / 44 50	
				200				198	
5	230	788	531 5	256 / 204 52	82	060	383 5	108 / 56 52	ANDERSON
				252				250	
6	168	862	469 5	193 / 143 50	60	355	361 5	85 / 35 50	
				302				300	
7	186	934	487 5	210 / 162 48	47	880	348 5	~~67~~ / ~~27~~ 40	67 / 27
				350				340	
8	286	440	587 5	(½) 286 / 265 42	13	937	314 5	(½) 38 / 13 50	
				392				390	
9	156	775	457 5	171 / 141 30	243	498	544 5	259 / 227 32	
+	1775	642		422	709	458		422	
-	709	458						422	
+	1066	184						844	
BM209-39									BM209-39
									BOUQUET CN. RD 1.5 MI. N'LY
									VASQUEZ CN. RD.
									F.B. 3734-97

F.B. 4134 PG. 92 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 29 DEC 72

INDEXED T. M. PALMERI DATE

WEATHER CLEAR & CALM INST. NO. 75234

TIME 13:50 - 14:35 ROD NO. 2139 AB

NOTES CHK LARAINE MIYATA DATE 30 JAN 73

TC 54°

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 209-40											FROM BM 209-40 TO BM 209-41
1	56	380	357	5	78 / 34 44	170	413	471	5	193 / 147 46	BM 209-40
2	14	862	315	5	(½) 41 / 14 54	207	448	508	5	234 / 180 54	BOUQUET CN. RD 1.0 MI N'LY OF VASQUEZ CN. RD E'LY SIDE
					98					100	F.B. 3734-99
3	81	482	382	5	109 / 53 56	106	582	407	5	134 / 78 56	
					154					156	
4	215	052	516	5	242 / 188 54	113	442	414	5	139 / 87 52	
					208					208	T ANDERSON
5	43	172	344	5	62 / 24 38	203	332	504	5	222 / 184 38	
					246					246	
6	83	812	384	5	110 / 56 54	138	435	439	5	164 / 112 52	
					300					298	
7	90	802	391	5	118 / 62 56	204	208	505	5	232 / 176 56	
					356					354	
8	12	500	313	5	(½) 35 / 12 46	241	571	542	5	263 / 219 44	
					402					398	
9	54	108	355	5	72 / 36 36	140	762	441	5	160 / 120 40	
	+ 652	170			438	1526	393			438	
						+ 652	170				
						− 874	223			896	
BM 209-41											BM 209-41
											BOUQUET CN. RD. 0.5 MI N'LY OF VASQUEZ CN. RD. W'LY SIDE
											F.B. 3734-101

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER DATE 27 DEC 72 WEATHER CLEAR & CALM INST. NO. 45234
NOTES BY L.M. PETERSON TIME 15:00 – 15:35 ROD NO. 2894A
INDEXED L.M. PALMERI DATE JAN 19 1973 NOTES CHK LORAINE MIYATA DATE 30 JAN 73

TO 72"

F.B. 4134 PG. 93

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

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

Do not extend notes this side of this line.

F.B. 4134 PG. 94 JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L.S. NOTES PETERSON 19 DEC 72
INDEXED T.M. PALMER DATE
WEATHER CLEAR/CALM INST. NO. 75234
TIME 13:10-13:50 ROD NO. 2139AB
NOTES CHKD LORAINE MIYATA DATE 30 JAN 73
T=54°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM29-41													FROM BM209-41 TO BM209-40
1	134	058	435	5	152 116	36	57	994	358	5	74 40	34	BM209-41
2	241	360	542	5	264 218	46	35	132	336	5	59 11	48	BOUQUET CN.RD. 0.5 MI. N'LY OF VASQUEZ CN.RD. W'LY SIDE
						82						82	FB. 3734-101
3	224	609	525	5	248 200	48	89	278	390	5	111 67	44	
						130						126	
4	168	348	469	5	194 142	52	124	728	425	5	152 96	56	
						182						182	T ANDERSON
5	207	239	508	5	232 182	50	19	101	320	5	(1) 44 19	50	
						232						232	
6	108	852	409	5	133 83	50	223	400	524	5	248 198	50	
						282						282	
7	113	547	414	5	140 86	54	97	873	398	5	124 70	54	
						336						336	
8	195	275	496	5	220 170	50	34	191	335	5	59 9	50	
						386						386	
9	205	320	506	5	232 178	54	42	535	343	5	69 15	54	
	+ 1598	608				440	724	232				440	
	− 724	232										440	
	+ 874	376										880	
BM209-40													BM209-40
													BOUQUET CN RD 1.0 MI. N'LY OF VASQUEZ CN RD E'LY SIDE
													FB. 3734-99

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 209-41									FROM B.M. 209-41 TO B.M. 204-14
1	13	292	314 5	32 13 ½ 38	196	129	497 5	215 177 38	B.M. 209-41
				57		821		295	BOUQUET CYN. RD. 0.5 MI. N'LY
2	32	252	333 5	7 50	295	~~854~~	596 5	271 ½ 48	OF VASQUEZ CYN. RD.-W. SIDE
				88				264 86	F.B. 3734-101
				42					
3	19	056	320 5	19 ½ 46	241	941	542 5	218 46	
		352		107 134				213 132	
4	82	~~328~~	383 5	57 50	188	893	489 5	163 50	
		277		162 184				164 182	⊼ = STRADER
5	136	~~243~~	437 5	110 52	138	741	439 5	112 52	
				200 236				226 234	
6	175	878	476 5	150 50	201	844	502 5	176 50	
				90 286				278 284	
7	65	845	366 5	40 50	278	429	579 5	253 ½ 50	
		890		50 336				277 334	
8	26	~~852~~	327 5	2 48	277	333	578 5	252 ½ 50	
				110 384				137 384	
9	100	270	401 5	90 20	127	871	428 5	117 20	
+	652	112		404	1947	002		404	
B.M. 204-14				+	652	112		404	B.M. 204-14
				-	1294	890		808	BOUQUET CYN. RD. & VASQUEZ CYN. RD.
									F.B. 3719-31 NW'ERLY SIDE

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

SURVEY BY R.L. STRADER

NOTES BY R. ANDERSON DATE 29-DEC.'72

INDEXED T. M. PALMERI DATE JAN 19 1973

WEATHER CLEAR & CALM

TIME 08:25-09:15

NOTES CHK. LORAINE MIYATA DATE 30 JAN 73

INST. NO. 75234

ROD NO. 2139 A.B.

T. = 44°

F.B. 4134 PG. 95

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4134 PG. 96 | JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 29-DEC. '72

INDEXED F. M. PALMERI DATE

WEATHER CLEAR & CALM INST. NO. 75234

TIME 11:10 - 11:50 ROD NO. 2139 A-8

NOTES CHKD LARAINE MIYATA DATE 30 MAY 73

T. = 56°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 204-14 TO B.M. 209-41
B.M. 204-14					171						36		B.M. 204-14
1	153	609	454	5	135	36	18	184	319	5	18 1/2	36	BOUQUET CYN. RD. & VASQUEZ
					280						34		CYN. RD. N W'ERLY SIDE
2	255	550	556	5	230	50	10	520	311	5	10 1/2	48	F.B. 3719-31
					269	86					113	84	
3	243	530	544	5	217	52	88	380	389	5	63	50	
					159	138					181	134	
4	134	980	435	5	109	50	154	230	455	5	127	54	
					160	188					113	188	
5	134	059	435	5	108	52	87	279	388	5	61	52	T = STRADER
					223	240					74	240	
6	197	798	498	5	171	52	48	880	349	5	22	52	
					290	292					72	292	
7	290	516	591	5	263 1/2	54	46	492	347	5	20	52	
					249	346					47	344	
8	231	205	532	5	213	36	29	674	330	5	11	36	
					207	382					70	380	
9	197	598	498	5	187	20	60	492	361	5	50	20	
	+ 1838	845				402	544	131				400	
B.M. 209-41	- 544	131										402	B.M. 209-41
	+ 1294	714										802	BOUQUET CYN. RD., 0.5 MI.
													N'LY OF VASQUEZ CYN. RD.
													F.B. 3734-101 W. SIDE

76P525 CE # 300 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM 204-14									FROM BM 204-14 TO BM 204-13
1	34	603	335 5	51 17 34	195	282	496 5	212 178 34	BM 204-14
2	95	223	396 5	121 69 52 86	221	391	522 5	247 195 52 86	BOUQUET CYN. RD. @ VASQUEZ CYN. RD., NO. SIDE OF INT. F.B. 3719-31
3	100	620	401 5	126 74 52 138	207	776	508 5	233 181 52 138	
4	71	189	372 5	97 45 52 190	216	822	517 5	242 190 52 190	
5	114	572	415 5	139 89 50 240	181	106	482 5	206 156 50 240	⊼ T. PETERSON
6	35	710	336 5	59 11 48 288	277	134	578 5	301 253 48 288	
7	57	642	358 5	78 36 42 330	204	719	505 5	226 182 44 332	
8	173	031	474 5	195 151 44 374	170	048	471 5	192 148 44 376	OVERLAP TO LINE 204 F.B. 4301
9	259	561	560 5	284 234 50 424	138	292	439 5	163 113 50 426	
10	191	916	492 5	202 180 22	74	457	375 5	84 64 20	
+	1134	067		446	1887	027		446	
				+	1134	067		446	
				-	752	960		892	
BM 204-13									BM 204-13 BOUQUET CYN. RD., 5.3 MILES NE'LY OF SOLEDAD CYN. RD., F.B. 3719-29

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY R.L.S. DATE DEC. 29, '72
INDEXED F. M. PALMER DATE JAN 19 1973
WEATHER CLEAR. CALM INST. NO. 75236
TIME 9:25-10:15 ROD NO. 2139A
NOTES CHKD DIRAINE MIYATA DATE 30 JAN '73

T = 50°

F.B. 4134 PG. 97

LOS AN...

1	74 423	375 5	64	20	192 097	493 5	181	22	BM 204-13 BOUQUET CYN. RD., 5.3 MILES NE'LY OF SOLEDAD CYN. RD. F.B. 3719-29
2	137 423	438 5	162 112	50	260 697	561 5	285 235	50	
				70				72	
3	183 573	484 5	208 158	50	181 628	482 5	205 157	48	
				120				120	
4	270 139	571 5	293 247	46	80 442	381 5	102 58	44	
				166				164	
5	296 800	597 5	296 273½	46	95 303	396 5	118 72	46	⊼ T. PETERSON
				212				210	
6	181 052	482 5	206 156	50	91 028	392 5	117 65	52	
				262				262	
7	157 241	458 5	182 132	50	16 953	317 5	41 16½	50	
				312				312	
8	204 024	505 5	229 179	50	104 052	405 5	129 79	50	
				362				362	
9	220 495	521 5	245 195	50	98 263	399 5	124 72	52	
				412				414	
10	189 551	490 5	204 174	30	41 513	342 5	56 26	30	
	+ 1914 721			442	1161 976			444	
	- 1161 976							442	
	+ 752 745							886	

BM 204-14

BM 204-14
BOUQUET CYN. RD. @ VASQUEZ CYN. RD., NO. OF INT.
F.B. 3719-31

T = 54°

F.B. 4134 PG. 98 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY R.L.S. NOTES R.L. STRADER 12-29-72
INDEXED M. PALMERI DATE
WEATHER CLEAR-CALM INST. NO. 75234
TIME 10:20-11:10 RCD NO. 2139 A.B.
NOTES CHKD DAINE MIMA DATE