es Ck'd by	Survey of LA. Co. PRECISE LEVEL NET
p No.	JN 0301.02 Tape Std °F
ice Work	Surveyed by G.E. DREIER
ecked	Notes Date 1972
te	Indexed T. M. PALMERI JUN 1 9 '72

F. B. 4125 PG. 5

JOB NO. 0301.02

L.A. CO. PRECISE LEVEL NET

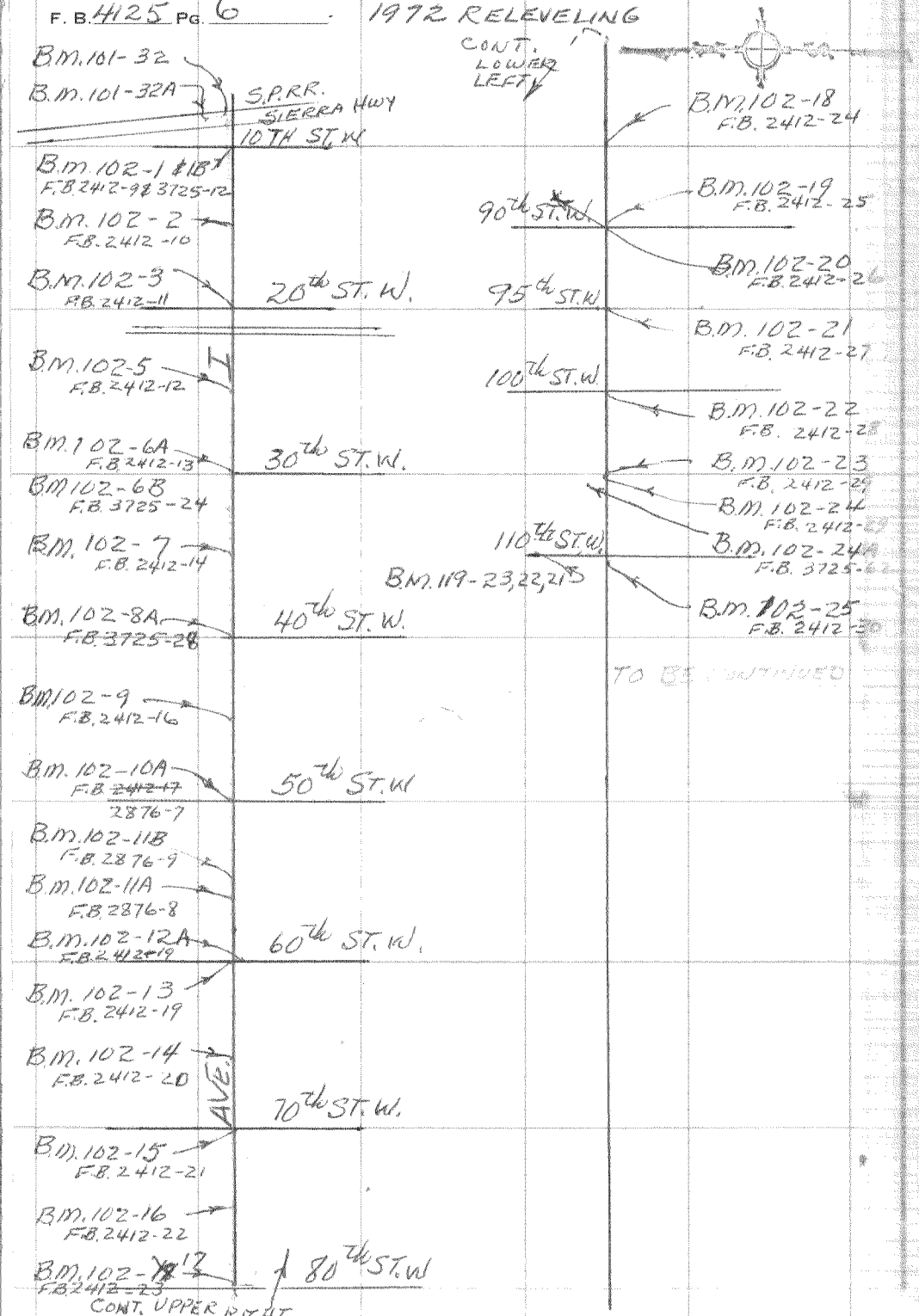
LINE NO. 102, 1972 RELEVELING

DREIER
MALDONADO
SIEMANN
OHASHI
McKNIGHT
COCKERHAM

Microfilmed Dec '84

ROUTE SKETCH, LINE 102

F. B. 4125 PG. 6 — 1972 RELEVELING



76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. Ouasdi DATE 5-16-72
INDEXED T. M. PALMERI DATE JUN 19 72
WEATHER T=88° Windy - Clear
TIME 1:40 - 1:45
NOTES CHKD
INST. NO. 96716
ROD NO. 17 & 18
DATE
F.B. 4125 PG. 11

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	154	951	455 5	156 152 4	151	173	452 5	128 124 54	54 M- 4 M= 50 M-0.20 mm
2	154	672	455 5	156 152 4	158	477	459 5	185 131 54	54 M- 4 M= 50 M=0.20 mm
	309	623		8	309	650		108	
	309	610				040			
	+	013			-0.	mm		-8	Curvature Corr.=0.40 mm
					309	610		100	
	+.001			mm= "C"					
	100 / 0.13								
								mm= "C"	

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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	148	148	449 5	150 146 04	146	323	447 5	173 119 54	54 M – 4 M = 50 M = 0.20 mm
2	152	323	453 5	154 150 4	154	568	455 5	181 127 54	M – 4 M = M = 0.20 mm
	300	471		8	300	891			
	ADJUST =				-0.090				
									CUR. CORR. = 0.40 mm
1.	153	964	454 5	155 151 4	151	842	452 5	178 124 54	54 M – 4 M = 50 M = 0.20 mm
2	151	412	452 5	153 149 4	153	482	454 5	180 126 54	M – 4 M = M = 0.20 mm
	305	376			305	324		108	
	305	284				040 m.m		-8	
+		.092			305	284		100	CUR. CORR. = 0.40 mm
	+ .009 mm = C								
	100	.092							

F.B. 4125 PG. 12

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net.

SURVEY BY G. E. Dreier NOTES T. Clash 5-17-72

INDEXED J. M. PALMERI DATE

WEATHER Windy-Clear INST. NO. 96716

TIME 10:36 ROD NO. 1713A-B

NOTES CHKD DATE

T=70°

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 5-18-72 WEATHER VERY WINDY INST. NO 96716
NOTES BY SIEMANN TIME 9:40 TO 9:50 ROD NO 17348
INDEXED T. M. PALMERI DATE JUN 19 72 NOTES CHKD DATE
T = 62°
F.B. 425 PG. 13

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
			DETERMINATION OF "C"						
			NEAR ROD				FAR ROD		
1	151	242	452 5	1-5-3 149 4	139	578	440 5	1-6-6 112 54	54 M- 4 M= 50 M-0.20 mm
2	150	137	451 5	1-5-2 148 4	162	107	463 5	1-8-9 135 54	54 M- 4 M= 50 M=0.20 mm
	301	379		8	301	685		108	
	+					040			
					-0.	mm		8	Curvature Corr.=0.40 mm
					301	645		100	
					301	379			
					-	266			
				adj =		- 133			
1	151	448	452 5	1-5-3 149 4	163	303	464 5	1-9-0 136 54	54 M- 4 M= 50 M=0.20 mm
				mm= "C"					
2	154	425	455 5	1-5-6 152 4	142	651	443 5	1-6-9 115 54	54 M-4 M.=50 M=0.20 mm
	305	873		8	305	954		108	
						040		- 8	CUR. CORR. = 0.40 mm
					305	914		100	
					305	873		mm= "C"	
					-	041			
					-	.004	mm =	"C"	
					100)	0.41			

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	161	708	462 5	163 / 159 4	149	441	450 5	176 / 122 54	54M- 4 M= 50 M- 0.20mm
2	159	660	460 5	161 / 157 4	172	264	473 5	199 / 145 54	54 M- 4 M= M- 0.20mm.
	321	368		8	321	705			
						-040			
					321	665			Curv. Corr. 040 mm
					321	368			
						297			
			ADJUSTED						
1.	156	300	457 5	158 / 154 4	168	721	469 5	195 / 141 54	54M- 4 M= 50 M- 0.20mm
2.	163	488	464 5	165 / 161 4	151	010	452 5	178 / 124 54	M- 4 M= M- 0.20mm
	319	788		8	319	731		108	
	319	691				-040		-8	
+		097			319	691		100	Curv. Corr. 040mm
		+.010 mm = "C"							
	100	0.97							

F.B. 4125 PG. 14 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES T. OHASHI 5-19-72

INDEXED T. M. PALMERI DATE

T= 50°

WEATHER Windy - Clear INST. NO 96716

TIME 10:00 - 10:15 ROD NO 1713AB

NOTES CHKD DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 76°
SURVEY BY G.E. DREIER DATE 5-22-72 WEATHER CLEAR INST. NO 96716
NOTES BY SIEMANN TIME 10:20 TO 10:30 ROD NO 17138
INDEXED T. M. PALMERI DATE JUN 19 72 NOTES CHKD DATE
F.B. 4125 PG. 15

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ___ TO ___
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	153	231	454 5	1-55 151 4	169	562	470 5	1-96 142 54	54 M- 4 M= 50 M-0.20 mm
2	152	898	453 5	1-54 150 4	136	514	437 5	1-53 109 54	54 M- 4 M= 50 M=0.20 mm
	306	129		8	306	076		108	
	306	036				040			
	+	093			-0.	mm		8	Curvature Corr.=0.40 mm
					306	036		100	
		+ 009		mm= "C"					
	100/	0.93							
								mm= "C"	

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	143	389	444 5	1d5 1d1 4	99	609	400 5	126 72 54	54 M - 4 M = 50 M = 0.20mm
2	142	843	443 5	1d4 1d0 4	186	700	487 5	213 159 54	54 M - 4 M = 50 M - 0.20mm
	286	232		8	286	309		108	
					-	040		- 8	
					286	269		100	Cur. Corr. = 040 mm
					286	232			
						037			
						- .004 mm = C			
					100	0.37			

T = 82°

WEATHER Sunny - Windy INST. NO. 96711

TIME 1:30 - 1:35 ROD NO. 17 (3A

NOTES CHKD ____ DATE ____

F.B. 4125 PG. 16 JOB NO. 0301.02

SURVEY OF G. E. DREIER

SURVEY BY ____ NOTES T. Ouasu 5-23-72

INDEXED T. M. PALMERI DATE ____

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T= 88°

F.B. 4125 PG. 17

SURVEY BY G. E. DREIER — WEATHER VERY WINDY — INST. NO. 96716

NOTES BY SIEMANN — DATE 5-24-72 — TIME 10:15 TO 10:25 — ROD NO. 1713 AB

INDEXED T. M. PALMERI — DATE JUN 19 '72 — NOTES CHKD. — DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS From — To
		DETERMINATION OF "C"											
		NEAR ROD						FAR ROD					
1	146	793	447	5	148 / 144	4	130	074	431	5	157 / 103	54	54 M- 4 M= 50 M-0.20 mm
2	152	580	453	5	154 / 150	4	169	459	470	5	196 / 142	54	54 M- 4 M= 50 M=0.20 mm
	299	373					299	533				108	
						8		040				8	
	+						-0.	mm					Curvature Corr.=0.40 mm
							299	493				100	
							299	373					
							-	120					

/ ______ mm= "C"

$100 / 1.20 = \pm .012$ mm= "C"

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	151	413	452 5	153 149 4	174	917	475 5	201 147 54	54M - 4M = 50 M = 0.20MM
2	151	436	452 5	153 149 4	128	078	429 5	155 101 54	M - M = M = 0.20 MM
	302	849		8	302	995		108	
					-	040		-8	CURVEATURE CORR: 0.40 MM.
					302	955		100	
					302	849			
						106			
						-0.011mm = C			
					100	1.06			

F.B. 4125 PG. 18 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES T. Ohsh 5-25-72

INDEXED L. M. PALMERI DATE

WEATHER Tz Sunny - Windy INST. NO. 96716

TIME 950 - 10:00 ROD NO. 17DA

NOTES CHKD. DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET Y-94°
SURVEY BY G. E. Dreier
NOTES BY T. Ouasth DATE 6-5-72
INDEXED T. M. PALMERI DATE JUN 19 '72
WEATHER Sunny & Calm
TIME 12:40 - 12:45
NOTES CHKD
INST. NO. 96716
ROD NO. 1713A67
DATE
F.B. 4125 PG. 19

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	164	920	465 5	166 162 4	200	689	501 5	227 173 54	54 M- 4 M= 50 M-0.20 mm
2	161	998	462 5	163 159 4	126	240	427 5	153 99 54	M- M= M=0.200 mm
	326	918		8	326	929		108	
	326	889				040		~~100~~	
	+	029			-0.	mm		8	Curvature Corr.=0.40 mm
					326	889		100	

+.003 mm= "C"
100/0.29

mm= "C"

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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F.B. 4125 PG. 20 JOB NO. 0501.02

SURVEY OF L.A.Co. PRECISE

SURVEY BY DREIER 6-8-72

INDEXED J. M. PALMERI NOTES DATE

WEATHER SCAT. CLOUDS INST. NO. 26716

TIME 1010 ROD NO. 113A

NOTES CHKD DATE

78°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"								
1	150	163	451	5 152 148 4	140	482	441	5 161 113 54	54 m - 4m = 50m = 0.20mm
2	148	384	449	5 150 146 4	158	058	459	5 185 121 54	54 m - 4m = 50m = 0.20mm
	298	547		8	298	540		108	
						0.40	mm		CURVATURE CORR. = 0.40 mm
	298	500			298	500		8	
		0.47	mm					100	
	+ 0.005 mm = "C"								
	100) 0.47								

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 6-9-72 WEATHER VERY WINDY INST. NO 96716
NOTES BY SIEMANN TIME 10:15 TO 10:25 ROD. NO 17342
INDEXED T. M. PALMER DATE JUN 19 '72 NOTES CHKD DATE

T = 66°

F.B. 4125 PG. 21

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				DETERMINATION OF "C"					
		NEAR ROD				FAR ROD			
1	155	018	456	5 157 153 4	223	141	524	5 250 196 54	54 M- 4 M= 50 M-0.20 mm
2	152	380	453	5 154 150 4	84	335	385	5 111 57 54	54 M- 4 M= 50 M=0.20mm
	307	398			307	476		108	
				8		040			
	+				-0.	mm		8	Curvature Corr.=0.40mm
					307	436		100	
					307	398			
					-	038			
				mm= "C"					
						.004 mm= "C"			
					100/	0.38			

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM _____ TO _____
			DETERMINATION OF "C"										
		NEAR ROD						FAR ROD.					
1	161	218	462	5	163 / 159	4	195	944	496	5	222 / 168	54	54 M - 4 M = 50M - 0.20mm
2	141	928	442	5	143 / 139	4	107	117	408	5	134 / 80	54	54 M - 4 M = 50M - 0.20 mm
	303	146				8	303	061				108	
	303	021					-	040				08	
		125					303	021				100	Cur. Corr. = 0.40 mm
		+0.012 mm = C											
		~~+0.01 mm C~~											
	100	125											

F.B. 4125 PG. 22 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DEGLER NOTES T. OHASHI 6-12-72

INDEXED T. M. PALMERI. DATE

WEATHER SUNNY - CLEAR INST. NO. 96716

TIME 11:35 - 11:40 ROD NO. 1213A4

NOTES CHKD. DATE

T=90

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 6-13-72
INDEXED T. M. PALMERI DATE JAN 19 72
WEATHER Windy-Cherrost T=82°
TIME 10:10 - 10:15
NOTES CHKD DATE
INST. NO. 96716
ROD NO. 1713A-1
F.B. 4125 PG. 23

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	146	230	447 5	148 144 4	113	030	414 5	140 86 54	54 M- 4 M= 50 M-0.20 mm
2	161	422	462 5	163 159 4	194	668	495 5	221 167 54	M- 4 M= M=0.20 mm
	307	652		8	307	698		108	
								-8	
	+				-0.40 mm				Curvature Corr.=0.40 mm
					307	658		100	
					307	652			
					-	.006			
				mm= "C"					
					-	.001		mm= "C"	
					100 /	0.06			

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-88
SURVEY BY T. Dhasu / Lee Dreiler DATE 5-16-72 WEATHER Windy - Cloudy
NOTES BY T. Dhasu TIME 1:45 - 2:20 INST. NO. 96714
INDEXED J. M. PALMERI DATE JUN 19 '72 NOTES CHKD LARAINE MIYAPA DATE 25 SEP 72 ROD NO. 1713A-B
F.B. 4125 PG. 25

STATION	BACKSIGHT Right	Mic.	Left	Mic.	Stadia		FORESIGHT Right	Mic.	Left	Mic.	Stadia		DESCRIPTION AND REMARKS
													FROM BM. 102-3 TO BM. 102-5
BM. 102-3													BM. 102-3
1	149	782	450	5	188 / 110	78	168	180	464	5	206 / 130	76	AVE "I" & 20th St. W.
													SEE F.B. 2412-11
2	158	391	459	5	186 / 130	56	169	016	470	5	197 / 141	56	
						134						132	
3	147	132	448	5	176 / 118	58	167	290	468	5	197 / 137	60	⊼ R. COCKERHAM.
						192						192	
4	182	075	483	5	210 / 154	56	203	431	504	5	231 / 175	56	
						248						248	
5	143	672	444	5	180 / 106	74	164	018	465	5	200 / 128	72	
						322						320	
6	126	206	427	5	157 / 95	62	127	217	428	5	158 / 96	62	
						384						382	
7	100	400	401	5	120 / 80	40	161	748	462	5	182 / 140	42	
						424						424	
BM. 102-5												424	BM. 102-5
	1007	658					1160	900				848	AVE "I" & 25th St. W.
							1007	658					SEE F.B. - 2412-12
						-	153	242					

SEE 1972 RELEVELING OF LINE 105 FOR DIFF. IN ELEV. FROM BM. 101-32A, 101-32, 102-1B, 102-1, 102-2, TO 102-3 G.E.D.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM. 102-5 TO BM. 102-3
B.M. 102-5													B.M. 102-5
1	193	218	494	5	223 / 163	60	124	046	425	5	154 / 94	60	AVE "I" & 25TH. ST. W.
													SEE F.B. 2412-12
2	138	272	439	5	173 / 103	70	141	312	442	5	176 / 108	70	
						130						130	
3	162	811	463	5	194 / 130	64	141	572	442	5	172 / 110	62	⊼ J. MALDONADO
						194						192	
4.	153	331	454	5	189 / 117	72	129	638	430	5	164 / 94	70	
						266						262	
5.	185	253	486	5	218 / 152	66	149	718	450	5	182 / 116	66	
						332						328	
6	164	863	465	5	197 / 131	66	139	929	440	5	171 / 107	64	
						398						392	
7.	149	197	450	5	163 / 135	28	167	582	468	5	184 / 150	34	
						426						426	
B.M. 102-3												426	B.M. 102-3
	1146	945					993	797				852	AVE "I" & 20TH ST. W.
	993	797											SEE F.B. 2412-11
+	153	148											

F.B. 4125 PG. 26 JOB NO. 030102

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

SURVEY BY DREIER NOTES T. OHASHI 6-8-72

INDEXED T. M. PALMERI DATE

WEATHER SUNNY-CLEAR INST. NO. 96716

TIME 10:40 - 11:10 ROD NO. 1713A-1

NOTES CHKD LARAINE DATE 25 SEP 72

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREILER
NOTES BY T. OHASHI DATE 5-17-72
INDEXED I. M. PALMERI DATE JUN 19 '72
NOTES CHKD LARAINE MIYATA DATE 25 SEP '72
WEATHER Windy - Clear
TIME 10:35 - 11:10
ROD NO. 1719A-B
INST. NO. 46716
F.B. 4125 PG. 27

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM BM. 102-5 TO BM. 102-6A
BM. 102-5											BM. 102-5
1	133	423	434	5	168/98 70	174	076	475	5	209/139 70	AVE "I" & 25TH ST. W.
											SEE F.B. 2412-12
2	144	280	445	5	180/108 72	164	268	465	5	200/128 72	
					142					142	
3	143	217	444	5	178/108 70	148	481	449	5	183/113 70	R. COCKERHAM
					212					212	
4	136	188	437	5	172/100 72	149	015	450	5	185/113 72	
					284					284	
5	120	005	421	5	152/88 64	116	950	417	5	147/85 62	
					348					346	
6	159	012	460	5	184/134 50	64	572	365	5	90/38 52	
					398					398	
BM. 102-6A										398	BM. 102-6A (PK. SPIKE)
	836	125				817	362			796	AVE "I" & 2.6 MI. W. SIERRA HWY. BY BRIDGE #53-206
	817	362									SEE F.B. 2412-13
+	18	763									

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 102-6A TO BM 102-5
B.M. 102-6A									B.M. 102-6A (P.K. SPIKE)
1	159	812	460 5	203 115 88	161	463	462 5	202 120 82	AVE "I" 2.6 MI. W SIERRA HWY ON BRIDGE #53-406
									SEE F.B. 2412-13
2	142	340	443 5	181 103 78	130	098	431 5	172 88 84	
				166				166	
3	145	931	446 5	184 106 78	128	671	429 5	167 89 78	⊼ J. MALDONADO
				244				244	
4	138	599	439 5	174 102 72	137	622	438 5	174 100 74	
				316				318	
5	148	602	449 5	184 112 72	142	841	443 5	178 106 72	
				388				390	
6.	138	400	439 5	147 129 18	191	648	492 5	199 183 16	
				406				406	
B.M. 102-5								406	B.M. 102-5
	873	684			892	343		812	AVE "I" & 25TH. ST. W. N.E. COR.
					873	684			SEE F.B. 2412-12
					18	659			

F.B. 4125 PG. 28 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES T. OHASHI 6-8-72

INDEXED J. M. PALMERI DATE

WEATHER SUNNY - CLEAR INST. NO. 96716

TIME 10:10 - 10:40 ROD NO. 17134

NOTES CHKD LARAINE MIRAYA DATE

T=78°

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

F.B. 4125 PG. 29

SURVEY BY G. E. DREIER WEATHER Windy - Clear INST. NO. 96716

NOTES BY T. OHASHI DATE 5-17-72 TIME 11:10 - 11:15 ROD NO. 1713A-B

INDEXED J. M. PALMERI DATE JUN 19 '72 NOTES CHKD LARAINE MIYATA DATE 25 SEP '72

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM. 102-6A TO BM. 102-6B
B.M. 102-6A									B.M. 102-6A
1	33	071	334 5	40 26 14	31	307	332 5	38 24 14	AVE "I" & BRIDGE # 53-406 2.6 MI. W. SIERRA HWY
	31	307						14	SEE F.B. 2412-13
BM. 102-6B	1764							28	T. R. COOKERHAM.
									B.M. 102-6B (U.S.C. & G.S. X 1219)
									AVE "I" & 2.6 MI. W. SIERRA HWY. BY BRIDGE # 53-406
									SEE F.B. 3725-24

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 102-6B TO B.M. 102-6A
B.M. 102-6B													B.M. 102-6B (U.S.C.&G.S. X-1219)
													AVE. I & BRIDGE # 53-406
1	172	130	473	5	178 / 166	12	173	872	474	5	179 / 167	12	SEE F.B. 3725-24
							172	130				12	
							1	742				24	T= J. MALDONADO
B.M. 102-6A													B.M. 102-6A
													AVE. I & BRIDGE # 53-406
													SEE F.B. 2412-13

T= 86°

WEATHER Cloudy-Warm INST. NO 96716

TIME 2:25 - 2:30 ROD NO 1713A

NOTES CHKD LARAINE MIYATA DATE 25 SEP 72

F.B. 4125 PG. 30 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES T. Ouasch 6-7-72

INDEXED J. M. PALMERI DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Drexler
NOTES BY T. Ouashi DATE 5-17-72
INDEXED M. PALMER DATE JUN 19 72
WEATHER Windy-Clear TEMP
TIME 11:15 - 11:50
INST. NO. 76-716
ROD NO. U.C.S.A.-18
NOTES CHKD LARAINE MIYAPA DATE 25 SEP 72
F.B. 4125 PG. 31

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													FROM BM. 102-6B TO BM. 102-7
BM. 102-6B													BM. 102-6B (U.S.C.&G.S. X 1219)
1.	159	251	360	5	187 121	75	148	818	449	5	187 109	78	AVE "I" 2.6 Mi. W. SIERRA HWY By BRIONE #53-606
													SEE F.B. 3725-24
2.	148	269	449	5	183 113	70	121	645	422	5	155 86	70	
						146						148	
3.	127	575	428	5	162 92	70	140	238	441	5	175 105	70	R. Cockerham
						216						218	
4.	156	719	457	5	191 121	70	108	017	409	5	143 73	70	
						286						288	
5	140	530	441	5	175 105	70	131	441	432	5	166 96	70	
						356						358	
6.	165	809	466	5	196 134	62	240	115	541	5	267 213	54	
						418						412	
B.M. 102-7							8					418	B.M. 102-7
	898	153					890	274				836 27	AVE "I" 3.1 Mi. W. SIERRA HWY - House #3355
	890	274					898	153					SEE F.B. 2412-14
+	7	879					- 92	121					

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 102-7 TO BM. 102-6B
B.M. 102-7									B.M. 102-7
1	225	134	526 5	268 182 86	164	477	465 5	210 118 92	AVE "T" 3.1 MI. W. of SIERRA HWY. House #3355
									SEE F.B. 2412-14
2	143	306	444 5	183 103 80	172	153	473 5	210 134 76	
				166				168	
3	150	349	451 5	195 105 90	164	274	465 5	209 119 90	⊼ J. MALDONADO
				256				258	
4.	155	084	456 5	196 114 82	157	057	458 5	198 116 82	
				338				340	
5.	136	069	437 5	176 96 80	159	590	450 5	198 120 78	
				418				418	
BM 102-6B								418	B.M. 102-6B (use of G.S. X-1218)
	809	942			817	551		836	AVE "T" & BRIDGE # 53-406
					809	942			SEE F.B. ~~2412-13~~ 3725-24
				-	07	609			

F.B. 4125 PG. 32 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY E. BAILEY NOTES T. Quasul 6-7-72

INDEXED T. M. PALMERI DATE

WEATHER Cloudy T= 88° INST. NO. 96716

TIME 2:05 - 2:25 ROD NO. 1713 A-1

NOTES CHKD ~~LARAINE MIYAMA~~ DATE ~~2-5 SEP 72~~

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

F.B. 4125 PG. 33

SURVEY BY G E DREIER WEATHER clear - windy INST. NO 96716

NOTES BY Cockerham DATE 5-17-72 TIME 1:00 to 1:30 ROD NO. 1713AB

INDEXED T. M. PALMERI DATE JUN 19 '72 NOTES CHKD LARAINE MIYATA DATE 25 SEP '72

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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 BM102-7 TO BM102-8A
BM102-7									BM102-7
1	253	129	554 5	288 218 70	109	210	410 5	146 72 74	Ave I 3.1 mi. W of Sierra Hwy-House #3355
									SEE F.B. 2412-14
2	127	500	428 5	161 93 68	121	371	422 5	153 89 64	
				138				138	
3	166	272	467 5	201 131 70	139	815	440 5	174 104 70	
				208				208	K B. Siemann
4	157	384	458 5	193 121 72	114	073	415 5	151 77 74	
				280				282	
5	151	510	452 5	187 115 72	124	569	425 5	162 86 76	
				352				358	
6	177	460	478 5	212 142 70	154	763	455 5	186 122 64	
				422				422	
BM102-8A									BM102-8A (Sec. Cor
	1033	255			764	301		844	Ave I @ 40th St. W. ℄ Int.
	764	301							SEE F.B. 3725-28
+	268	954							

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4125 PG. 34 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 6-7-72

INDEXED L. M. PALMER DATE

T-90°

WEATHER Hazy Sun INST. NO. 26716

TIME 1:35 to 2:00 ROD NO. 71342

NOTES CHKD LARAINE MIYATA DATE 25 SEP 72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 102-8A TO BM 102-7
BM 102-8A					160						195		BM 102-8A (Sec. Cor. 7, 12, 13, 18.)
1	116	340	417	5	72	88	152	920	453	5	109	86	Ave. I & 40th St. W. & Int.
					168						197		See F.B. 2725-28
2	128	420	429	5	88	80	157	351	458	5	117	80	
					207	168					226	166	
3	167	251	468	5	127	80	187	492	488	5	148	78	J. Siemann
					166	248					192	244	
4	126	330	427	5	86	80	152	286	453	5	112	80	
					158	328					199	324	
5	118	141	419	5	78	80	159	410	460	5	119	80	
					140	408					257	404	
6	130	169	431	5	120	20	246	241	547	5	235	22	
						428						426	
												428	
	786	651					1055	700				854	
BM 102-7							786	651					102-7
							269	049					Ave. I, 3.1 mi. W. of Sierra Hwy & House #3355
													See F.B. 2412-14

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER DATE 5-17-72 WEATHER clear - windy T=80°
NOTES BY Cockerham TIME 1:30 To 1:55 INST. NO. 96716 ROD NO. 1713AB
INDEXED L. M. PALMERI DATE JUN 19 72 NOTES CHKD LARAINE MIYAMA DATE 25 SEP 72
F.B. 4125 PG. 35

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM BM 102-8A TO BM 102-9
BM 102-8A									BM 102-8A (Sec Cor.
1	145	900	446	5	181 109 72	119	260	420	5 155 83 72 Ave I @ 40th St. W. ℄ Int
									SEE F.B. 3725-28
2	151	061	452	5	187 115 72	125	678	426	5 160 90 70
					144				142
3	150	180	452	5	186 116 70	140	008	441	5 175 105 70 T Siemann
					214				212
4	138	445	439	5	173 103 70	110	661	411	5 146 74 72
					284				284
5	151	804	452	5	187 115 72	111	013	412	5 146 76 70
					356				354
6	153	989	454	5	176 130 46	195	703	496	5 219 171 48
					402				402
BM 102-9									402 BM 102-9
	892	379				802	323		804 Ave I & 45th St. W. N.E. Cor.
	802	323							See F.B. 2412-16
+	90	056							

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 102-9 TO BM102-8A
BM102-9					272						236		BM102-9
1	239	842	540	5	206	66	203	879	504	5	170	66	Ave. I, & 45th St. W. N.E. COR.
					189						244		See F.B. 2412-16
2	148	199	449	5	107	82	203	213	504	5	162	82	
					204	148					231	148	
3	164	699	465	5	124	80	191	051	492	5	151	80	T-Siemann
					216	228					222	228	
4	176	088	477	5	136	80	183	071	484	5	144	78	
					202	308					221	306	
5	165	680	466	5	128	74	185	769	486	5	149	72	
					173	382					193	378	
6	164	538	465	5	155	18	181	630	482	5	169	24	
						400						402	
												400	
	1059	046					1148	613				802	
							1059	046					BM102-8A (Sec. COR. 7, 12, 13, 18)
BM102-8A							89	567					Ave. I, & 40th St. W. ℄ Int.
													See F.B. 3725-28

F.B. 4425 PG. 36 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 6-7-72

INDEXED I. M. PALMERI DATE

WEATHER Overcast INST. NO. 96716

TIME 11:35 to 12:00 ROD NO. 1713A

NOTES CHKD ~~ARAINE MIYATA~~ DATE 25 SEP 72

T-80°

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 6-8-72

INDEXED I. M. PALMERI DATE JUN 19 '72

WEATHER Hazy Sun INST. NO. 96716

TIME 11:30 to ROD NO. 1713A&B

NOTES CHKD LARAINE MIYATA DATE 25 SEP '72

T-84°

F.B. 4125 PG. 37

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	Re-Run FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM102-8A TO BM102-9
BM102-8A				218				186	BM102-8A (Sec. Cor. 7, 12, 13, 18)
1	182	059	483 5	146 72	152	620	453 5	118 68	Ave I, & 40th St. W. ℄ Int.
				225				208	See F.B. 3725-28
2	185	487	486 5	145 80	167	736	468 5	126 82	
				220 152				205 150	
3	180	920	481 5	140 80	165	800	466 5	125 80	T. Siemann
				230 232				190 230	
4	190	253	491 5	150 80	150	639	451 5	110 80	Re-Run
				245 312				188 310	
5	209	557	510 5	173 72	152	558	453 5	116 72	
				86 384				155 382	
6	76	073	377 5	66 20	145	300	446 5	135 20	
				404 /				402 /	
								404	
	1024	349 /			934	653 /		806	BM102-9
BM102-9	934	653							Ave. I, & 45th St. W. N.E. Cor.
	+89	696 /							See F.B. 2412-16

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T = 78°

F.B. 4125 PG. 39

SURVEY BY G. E. DREIER WEATHER clear - windy INST. NO. 96716

NOTES BY Cockerham DATE 5-17-72 TIME 1:55 to 2:30 ROD NO. 1713AB

INDEXED T. M. PALMERI DATE JUN 19 '72 NOTES CHKD LARAINE MIYATA DATE 25 SEP '72

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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
BM102-9									FROM BM102-9 TO BM102-10A
1	223	599	524 5	262 184 78	129	365	430 5	170 88 82	BM 102-9
									Ave I & 45th St W. NE Cor
2	162	535	463 5	197 127 70	112	093	413 5	147 77 70	See F.B. 2412-16
				148				152	
3	129	918	430 5	164 94 70	126	443	427 5	162 90 72	
				218				224	K Siemann
4	136	940	437 5	172 100 72	119	999	420 5	153 85 68	
				290				292	
5	148	802	449 5	183 113 70	130	409	431 5	166 94 72	
				360				364	
6	156	130	457 5	183 129 54	165	810 ~~826~~	466 5	190 140 50	
				414				414	
BM102-10A								414	BM102-10A
	957	924			784	119		828	Ave I & 50th St. W. in Headwall SW. Cor
	784	119							SEE F.B. 2876-7
	+ 173	805							

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4125 PG. 40 JOB NO. 0301.02
SURVEY OF L.A.Co. Precise Level Net
SURVEY BY Dreier NOTES Maldonado 6-7-72
INDEXED J. M. PALMER DATE
NOTES CHKD LARAINE MIYATA DATE 25 SEP 72
WEATHER Overcast INST. NO. 96716
TIME 11:10 to 11:35 ROD NO. 17134
T-80°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM 102-10A To BM 102-9
BM 102-10A					218						213		BM 102-10A (U.S.C.&G.S. T-1153)
1	181	661	482	5	144	74	176	693	477	5	139	74	Ave. I, & 50th St. W. S.W. Cor.
					205						225		See F.B. 2876-7
2	164	863	465	5	123	82	185	730	486	5	145	80	
					207	156					220	154	
3	167	970	468	5	127	80	180	783	481	5	140	80	X-Siemann
					203	236					252	234	
4	162	425	463	5	121	82	209	810	510	5	166	86	
					198	318					223	320	
5	157	451	458	5	116	82	182	495	483	5	141	82	
					130	400					203	402	
6	120	399	421	5	110	20	192	767	493	5	181	22	
						420						424	
												420	
	954	769					1128	278				844	BM 102-9
BM 102-9							954	769					Ave. I, & 45th St. W. N.E. Cor.
							173	509					See F.B. 2412-16

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 6-8-72

INDEXED I. M. PALMERI DATE JUN 19 '72

WEATHER Cloudy T-82°

TIME 1:10 to 1:35

NOTES CHKD LARAINE MIYA DATE 25 SEP '72

F.B. 4125 PG. 41

INST. NO. 96716

ROD. NO. 1713A&B

STATION	BACKSIGHT Re-Run RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-9 TO BM 102-10A
BM 102-9				260				165	BM 102-9
1	224	418	525 5	188 72	129	372	430 5	93 72	Ave. I, & 45th St. W. N.E. Cor
				197				142	See F.B. 2412-16
2	152	390	453 5	107 90	97	569	398 5	52 90	
				176 162				168 162	
3	130	738	431 5	85 91	122	546	423 5	76 92	T-Siemann
				185 253				163 254	
4	140	417	441 5	95 90	119	320	420 5	76 87	Re-Run
				202 343				209 341	
5	168	235	469 5	134 68	174	068	475 5	139 70	
				411				411	
6								411	
	816	198			642	875		822	
	642	875							BM 102-10A (U.S.C.&G.S. T-1153)
	+173	323							Ave. I, & 50th St. W. N.E. Cor
BM 102-10A									See F.B. 2412-16

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM102-10A TO BM102-9
BM102-10A	3				205						198		BM 102-10A (v.s.c.&G.S. T-1153)
1	169	715	470	5	133	72	164	634	465	5	130	68	Ave. I, & 50th St. W. S.W.Cor.
					195						220		See F.B. 2876-7
2	144	761	445	5	93	102	168	308	469	5	116	104	
					179	174					206	172	
3	128	778	429	5	77	102	155	261	456	5	104	102	T-Siemann
					158	276					202	274	
4	110	052	412	5	64	94	155	890	456	5	108	94	Re-Run
					148	370					232	368	
5	124	862	425	5	100	48	208	561	509	5	184	48	
						418						416	
												418	
	679	168					852	654				834	
							679	168					
							173	486					BM 102-9
BM102-9													Ave. I, & 45th St. W. N.E.Cor.
													See F.B. 2412-16

T-82°

F.B. 4125 PG. 42 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 6-8-72

INDEXED I. M. PALMER DATE

WEATHER Cloudy & Breezy INST. NO. 9671

TIME 1:35 to 2:00 ROD NO. 1713A

NOTES CHKD ~~LARAINE MIYATA~~ 25 SP

76P526B CE # 308 8/68

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=62°
SURVEY BY G.E. DREIER DATE 5-18-72 WEATHER VERY WINDY INST. NO 96716
NOTES BY SIEMANN TIME 10:00 TO 10:25 ROD NO 17134B
INDEXED J. M. PALMERI DATE JUN 19 '72 NOTES CHKD LARAINE MIYATA DATE 2-5-88 '72
F.B. 4125 PG. 43

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 102-10A TO B.M. 102-11B
B.M. 102-10A									B.M. 102-10A (U.S.C.&G.S. T=1153)
1	175	800	476	5	211 139 72	116	034	417 5	150 82 68 AVE. I. & 50TH ST. W. S.W. COR.
									SEE F.B. 2876-7
2	147	202	448	5	183 111 72	117	840	418 5	154 80 74
					142				142
3	143	896	444	5	180 106 74	99	061	400 5	136 62 74
					216				216
4	140	343	441	5	175 105 70	118	222	419 5	153 83 70 T = COCKERHAM
					286				286
5	141	721	442	5	176 106 70	82	423	383 5	116 48 68
					356				354
6	130	875	431	5	150 110 40	123	205	424 5	144 102 42
					398				396
B.M. 102-11B									398 B.M. 102-11B
	879	837				656	785		794 AVE. I 0.5 MI. W. OF 50TH ST. W.
	656	785							SEE F.B. 2876-9
+	223	052							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4125 PG. 44 JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-7-72

INDEXED L. M. PALMERI DATE

NOTES CHK. LARAINE MIYAMATE 2-5-80

T = 78°

WEATHER MOSS 4 INST. NO 96716

TIME 10:40 TO 11:05 ROD NO 71368

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-11B TO B.M. 102-10A
B.M. 102-11B									B.M. 102-11B
1	153	172	454	5	180	087	481	5	AVE. I 0.5 MI. W. OF 50TH ST. W.
				186 120 66				214 146 68	SEE F.B. 2876-9
2	135	051	436	5	174	032	475	5	
				170 100 70				211 137 74	
									142
3	124	858	425	5	162	340	463	5	
				163 85 78				201 123 78	
									220
4	130	869	431	5	172	542	473	5	T = MALDONADO
				149 91 78				212 132 80	
				292					300
5	104	319	405	5	158	322	459	5	
				144 64 80				197 119 78	
				372					378
6	158	512	459	5	182	617	483	5	
				165 148 20				189 175 14	
				392					392
B.M. 102-10A									392 B.M. 102-10A (U.S.C. & G.S. T-1153)
	806	781			1029	940			784 AVE. I & 50TH ST. W. S.W. COR.
					806	781			SEE F.B. 2876-7
					- 223	159			

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 66°
SURVEY BY G.E. DREIER DATE 5-18-72 WEATHER VERY WIND INST. NO 96716
NOTES BY SIEMANN TIME TO 10:45 ROD NO 1713 F.B. 4125 PG. 45
INDEXED J. M. PALMERI DATE JUN 19 '72 NOTES CHK LARAINE MIYAPATE 25 SEP 72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-11B TO B.M. 102-11A
B.M. 102-11B									B.M. 102-11B
1	141	542	442.5	176 106 70	108	219	409.5	143 73 70	AVE. I 0.5 MI. W. OF 50TH ST. W.
									SEE F.B. 2876-9
2	162	351	463.5	198 126 72	114	010	415.5	151 77 74	
				142				144	T = COCKERHAM
3	145	943	446.5	174 116 58	112	658	413.5	140 84 56	
				200				200	
B.M. 102-11A								200	B.M. 102-11A
	449	836			334	887		400	AVE. I & ENTRANCE TO MIRA LOMA
	334	887							KITCHEN. SEE F.B. 2876-8
+	114	949							

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4125 PG. 46 | JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER NOTES SIEMANN 6-7-72
INDEXED L. M. PALMERI DATE

T = 78°
WEATHER PTLY CLOUDY INST. NO 86716
TIME 10:30 TO 10:40 ROD NO 17134
NOTES CHK DARATINE MITATA DATE 2-5-72 TR

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 102-11A TO B.M. 102-11B
B.M. 102-11A													B.M. 102-11A
1	133	852	434	5	168 98	70	169	837	470	5	204 134	70	AVE. I & DR. TOMIRA LOMA
													KITCHEN. SEE F.B. 2876-8
2	134	671	435	5	170 98	72	170	582	471	5	206 134	72	
						142						142	T = MACDONADO
3	138	755	439	5	123 111	54	181	642	482	5	209 153	56	
						196						198	
B.M. 102-11B												196	B.M. 102-11B
	407	278					522	061				394	AVE. I 0.5 MI. W. OF 50TH ST. W.
							407	278					SEE F.B. 2876-9
							- 114	783					

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T=66° F.B. 4125 PG. 47

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

NOTES BY SIEMANN DATE 5-18-72 TIME 10:45 TO 11:00 ROD NO. 1713AB

INDEXED T. M. PALMERI DATE JUN 19 '72 NOTES CHKD LARAINE MIYATA DATE 25 SEP '72

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M.102-11A									FROM B.M.102-11A TO B.M.102-12A
1	129	928	430 5	163 95 68	112	997	413 5	146 78 68	B.M. 102-11A
									AVE. I & ENT. TO MIRALOMA KITCHEN
2	140	828	414 5	175 105 70	124	811	425 5	159 89 70	SEE F.B. 2876-8
				138				138	
3	146	627	447 5	165 127 38	92	557	393 5	110 74 36	
				176				174	π = COCKERHAM
4	148	561	449 5	168 128 40	162	772	463 5	183 141 42	
				216				216	
5	137	202	438 5	144 130 14	137	990	438 5	144 130 14	
				230				230	
B.M.102-12A								230	B.M. 102-12A (U.S.C.&G.S. U-1153)
	703	146			631	127		660	AVE I & 60TH ST. W. COR. OF GUARD HSE
	631	127							SEE F.B. 2412-19
+	72	019							

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 102-12A TO B.M. 102-11A
B.M. 102-12A									B.M. 102-12A (U.S.C.&G.S. W-1153)
1	183	549	484 5	200 166 34	176	942	477 5	193 159 34	AVE. I & 60TH ST. W. COR. OF GUARD HOUSE
									SEE F.B. 2412-19
2	105	485	406 5	141 69 72	153	583	454 5	189 117 72	
				106				106	
3	140	337	441 5	175 105 70	153	743	454 5	188 118 70	
				176				176	T = MALDONADO
4	143	778	444 5	158 128 30	160	830	461 5	175 145 30	
				206				206	
B.M. 102-11A								206	B.M. 102-11A
	573	149			645	098		412	AVE. I & ENT. TO MIRA LOMA KIT.
					573	149			SEE F.B. 2876-8
				-	71	949			

F.B. 4125 PG. 48 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIE MANN 6-5-72

INDEXED I. M. PALMERI DATE

T = 92°

WEATHER HOT INST. NO. 96716

TIME 2:10 TO 2:20 ROD NO. 1713 AB

NOTES CHKD. DARAINE MIYATA DATE 25 SEP '72

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 102-12A TO B.M. 102-13
B.M. 102-12A									B.M. 102-12A (U.S.C. & G.S. U-1153)
									AVE. I & 60TH ST. W. IN GAURD HSE.
1	146	918	447 5	152 140 12	123	705	424 5	129 117 12	SEE F.B. 2412-19
									~~π = COCKERHAM~~
	123	705						12	
B.M. 102-13	23	213	/					24	B.M. 102-13
									AVE. I & 60TH ST. W. S.E. COR.
									SEE F.B. 2412-19

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

SURVEY BY GEORGE E. DREIER WEATHER VERY WINDY INST. NO. 96716

NOTES BY SIEMANN DATE 5-18-72 TIME 11:25 TO 11:30 ROD NO. 1713A&B

INDEXED T. M. PALMERI DATE JUN 19 '72 NOTES CHKD LARAINE MIYATA DATE 25 SEP '72

F.B. 4125 PG. 49

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 102-13 TO B.M. 102-12A
B.M. 102-13									B.M. 102-13
									AVE. I & 60TH ST. W. S.E. COR.
1	119	080	420 5	125 113 12	142	299	443 5	148 136 12	SEE F.B. 2412-19
									~~π = MALDONADO~~
					119	080		12	
B.M. 102-12A					23	219			B.M. 102-12A (U.S.C.&G.S.U-1153)
								24	AVE. I & 60TH ST. W. COR. OF GAURD HOUSE
									SEE F.B. 2412-19

T = 92°

WEATHER HOT-HUMID INST. NO. 96716

TIME 2:05 TO 2:15 ROD NO. 1713 A

NOTES CHAIN MIYATA DATE 25 SEP 72

F.B. 4125 PG. 50 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-5-72

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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

NOTES BY SIEMANN DATE 5-18-72 TIME 11:30 TO ROD NO. 1713 AB

INDEXED T. M. PALMERI DATE JUN 19 '72 NOTES CHAPLAINE MIYATA DATE 25 SEP '72

F.B. 4125 PG. 51

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-13 TO B.M. 102-14
B.M. 102-13		4							B.M. 102-13
1	143	707	444 5	178 108 70	102	888	403 5	136 68 68	AVE. I & 60TH ST. E S.W. COR.
									SEE F.B. 2412-19
2	133	948	434 5	168 98 70	82	583	383 5	118 46 72	
				140				140	
3	162	388	463 5	199 125 74	89	682	390 5	125 53 72	
				214				212	
4	142	889	443 5	278 106 72	112	271	413 5	147 77 70	T = COCKERHAM
				286				282	
5	146	967	447 5	183 109 74	126	917	427 5	162 90 72	
				360				354	
6	153	522	454 5	189 117 72	134	900	435 5	170 98 72	
				432				426	
7	158	239	459 5	194 122 72	122	117	423 5	159 85 74	
				504				500	
8	155	461	456 5	178 132 46	102	029	403 5	127 77 50	
				550				550	
B.M. 102-14								550	B.M. 102-14 (U.S.C. & G.S. H-747)
	1197	121			873	387		1100	AVE. I 0.65 MI. W. OF 60TH ST. W.
	873	387							SEE F.B. 2412-20
+	323	734							

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-14 TO B.M. 102-13
B.M. 102-14	3	5				53			B.M. 102-14 (U.S.C.&G.S. 11-747)
1	118	111	419 5	149 87 62	177	893	478 5	206 148 58	AVE. I. 0.65 MI. W. OF 60TH ST. W.
									SEE F.B. 2412-20
2	137	682	438 5	168 106 62	166	303	467 5	196 136 60	
				124				118	
3	144	063	445 5	177 111 66	162	357	453 5	195 129 66	
				190		492		184	
4	151	758	452 5	184 118 66	167	[illegible]	468 5	199 135 64	
				256				248	π = MALDONADO
5	138	643	439 5	171 105 66	168	991	469 5	205 131 74	
				322				322	
6	137	759	438 5	168 106 62	188	784	489 5	220 156 64	
				384				386	
7	118	097	419 5	151 85 66	178	498	479 5	212 144 68	
				450				454	
8	132	161	433 5	166 98 68	157	558	458 5	191 123 68	
				518				522	
9	122	689	423 5	137 107 30	156	721	457 5	169 143 26	
				548				548	
B.M. 102-13								548	B.M. 102-13
	1200	963			1524	597		1096	AVE. I & 60TH ST. S.E. COR.
					1200	963			SEE F.B. 2412-19
					-323	634			

F.B. 4125 PG. 52

JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-5-72

INDEXED T. M. PALMERI DATE

WEATHER PTCY CLOUDY INST. NO. 96716

TIME 1:30 TO 2:05 ROD NO. 1713 AB

NOTES CHAIRAINE MIYATA DATE 25 SEP 72

T = 92°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 5-18-72
INDEXED I. M. PALMERI DATE JUN 19 72
WEATHER Sunny - Dusty TIME 1:30 - 2:00
T-65°
INST. NO. 96111
ROD NO. 1118-A-B
NOTES CHECKED LORAINE MIYATA DATE 25 SEP 72
F.B. 4125 PG. 53

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 102-14 TO BM. 102-15
BM. 102-14													BM. 102-14 (U.S.C.&G.S. H-747)
1	149	441	450	5	153 145	8	167	493	468	5	175 162	10	AVE "I" ABOUT 0.65 MI. W OF 60TH ST. W.
													SEE F.B. 2412-20
2	191	000	492	5	227 155	72	147	875	448	5	184 100	74	
						80						84	
3	182	683	483	5	218 146	72	144	380	445	5	178 110	68	R. SIEMANN
						152						152	
4.	172	948	473	5	208 136	72	149	277	450	5	185 113	72	
						224						224	
5	168	098	469	5	199 137	62	116	532	417	5	147 85	62	
						286						286	
BM. 102-15												286	BM. 102-15
	864	170					725	557				572	AVE "I" & 70TH ST. W.
	725	557											SEE F.B. 2412-21
+	138	613											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 102-15 TO BM 102-14
B.M. 102-15									B.M. 102-15
1.	117	989	418 5	152 / 82 70	180	873	481 5	216 / 144 72	AVE "I" & 70TH. ST. W.
									SEE F.B. 2412-21
2.	152	789	453 5	187 / 117 70	172	649	473 5	208 / 136 72	
				140				144	
3	160	221	461 5	195 / 125 70	190	018	491 5	224 / 156 68	⊼ R. SIEMANN
				210				212	
4.	143	503	444 5	178 / 108 70	186	500	487 5	222 / 150 72	
				280				284	
5	176	667	477 5	178 / 174 4	159	560	460 5	160 / 158 2	
				284				286	
BM. 102-14								284	B.M. 102-14
	751	169			889	600		470	AVE "I" ABOUT 0.65 MI. W OF 60TH ST. W
					751	169		5	SEE F.B. 2412-20
					138	431			

F.B. 4125 PG. 54 JOB NO. 030102

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

SURVEY BY DREIER NOTES T. OHASHI 6-5-72

INDEXED T. M. PALMERI DATE

WEATHER PRTLY OVERCAST HOT T=92° INST. NO. 96716

TIME 1:15 – ROD NO. 1713 A&B

NOTES CHKD LARAINE MIYATA DATE 25 SEP 71

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 5-18-72

INDEXED T. M. PALMERI DATE JUN 19 '72

WEATHER Very Windy-Dusty T=65°

TIME 2:00 - 2:30

NOTES CHK. LORAINE MIYATA DATE 25 SEP '72

INST. NO. 96716

ROD NO. 713A-B

F.B. 4125 PG. 55

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM.102-15 TO BM.102-16
BM.102-15													BM.102-15
1	174	969	475	5	½ 209 / 174	70	143	818	444	5	179 / 107	72	AVE "I" & 70TH. ST. W.
													SEE F.B. 2412-21
2.	198	451	499	5	234 / 162	72	148	189	449	5	183 / 113	70	
						142						142	
3	179	420	480	5	215 / 143	72	133	318	434	5	170 / 96	74	⊼ R. SIEMANN
						214						216	
4.	190	240	491	5	226 / 154	72	120	658	421	5	154 / 86	68	
						286						284	
5	192	316	493	5	227 / 157	70	143	240	444	5	179 / 107	72	
						356						356	
6.	179	645	480	5	200 / 158	42	78	561	379	5	99 / 57	42	
						398	/					398	/
B.M.102-16												398	B.M. 102-16 (U.S.C.&G.S. B-306)
	1115	041	/				767	784	/			796	AVE "I" & 75TH ST. W.
	767	784											SEE F.B. 2412-22
+	347	257	/										

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM. 102-16 TO BM. 102-15
B.M. 102-16									BM. 102-16 (U.S.C. & G.S. B-306)
1	72	957	373 5	1/2 112 72 80	194	670	495 5	234 154 80	AVE "1" & 75TH ST. W.
									SEE F.B. 2412-22
2.	141 ~~142~~	7 ~~0~~71	442 5	182 100 82	224	125	525 5	265 183 82	
				162				162	
3.	148	240	449 5	183 113 70	199	511	500 5	235 163 72	⊼ R. SIEMANN
				232				234	
4.	151	656	452 5	186 116 70	176	170	477 5	211 141 70	
				302				304	
5.	129	779	430 5	164 94 70	186	580	487 5	220 152 68	
				372				372	
6.	147	075	448 5	161 133 28	157	558	458 5	171 143 28	
				400				400	
BM. 102-15								400	B.M. 102-15
	791	478			1138	614		800	AVE "1" & 70TH ST. W.
					791	478			SEE F.B. 2412-21
				-	347	136			

F.B. 4125 PG. 56 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OHASHI 6-5-72

INDEXED I. M. PALMERI DATE

WEATHER Partly Cloudy-Hot INST. NO. 96716

TIME 12:45 - 1:15 ROD NO. 1713A-B

NOTES CHECKED KARAINE MIYATA DATE 25 SEP '72

T = 82°

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G. E. DREIER

NOTES BY T. OWASHI DATE 5-19-72

INDEXED T. M. PALMERI DATE JUN 19 '72

WEATHER Windy-Clear T=50°

TIME 10:15 - 10:30

NOTES CHK LARAINE MIYATA DATE 2-5-SEP '72

F.B. 4125 PG. 57

INST. NO. 96766

ROD NO. 1713 A-B

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM.102-16 TO B.M-102-17
BM.102-16													BM.102-16 (U.S.C.&G.S. B-306)
1.	138	720	439	5	184 92	92	150	289	451	5	196 104	92	AVE. "I" & 75TH. ST. W
													SEE F.B. 2412-22
2	195	141	496	5	241 149	92	127	323	428	5	172 82	90	
						184						182	
3.	190	282	491	5	231 149	82	115	972	416	5	156 74	82	⊼ R. SIEMANN
						266						264	
4.	212	464	513	5	252 172	80	85	667	386	5	124 46	78	
						340						342	
5.	189	040	490	5	221 157	64	61	785	362	5	94 28	66	
6.	121	771	422	5	122 120	410	112	540	413	5	114 110	408	
BM.102-17						2						4	B.M.102-17
	~~985~~	~~647~~				412						412	AVE "I" & 80TH ST. W.
	1047	418					653	576				412	SEE F.B. 2412-23
	653	576										824	
+	393	842											

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 102-17 TO BM 102-16
BM. 102-17									BM. 102-17
1	47	682	348 5	82 12 70	199	030 ~~00~~	500 5	234 164 70	AVE "1" & 80TH. ST. W.
									SEE F.B 2412-23
2	93	971	394 5	134 52 82	198	530	499 5	239 157 82	
				152				152	
3	101	480	402 5	142 60 82	194	540	495 5	234 154 80	⊼ R. SIEMANN
				234				232	
4	128	010	429 5	169 87 82	187	247	482 5	221 141 80	
				316				312	
5	141	681	442 5	181 101 80	179	860	480 5	219 139 80	
				396				392	
6	146	650	447 5	157 135 22	99	961	400 5	112 86 26	
				418				418	
BM. 102-16								418	B.M. 102-16
	659	474			1053	168		836	AVE "1" & 75TH ST. W
					659	474			SEE F.B 2412-22
				-	393	694			

F.B. 4125 PG. 58 JOB NO. 0301.02

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

SURVEY BY G.E. DREIER NOTES T. OHASHI 6-2-72

INDEXED T. M. PALMERI DATE

WEATHER Wind & overcast INST. NO. 969.16

TIME 2:10 - 2:40 ROD NO. 1913-A-B

NOTES CHAINED MIYATA DATE 25 SEP '72

Tx 94°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER DATE 5-19-72 WEATHER clear - windy INST. NO. 28716
NOTES BY Cockerham TIME 10:50 to 11:50 ROD NO. 1713A-13
INDEXED T. M. PALMERI DATE JUN 19 '72 NOTES CHK LORAINE MIYATA DATE 25 SEP '72

T = 57°

F.B. 4125 PG. 59

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													From BM 102-17 To BM 102-18
BM 102-17													BM 102-17
1	133	533	434	5	168 / 98	70	112	481	413	5	148 / 76	72	Ave T & 80th St W.
													See E.B. 2412-23
2	168	500	469	5	205 / 131	74	129	500	430	5	167 / 91	76	
						144						148	
3	180	703	481	5	215 / 145	70	103	798	404	5	136 / 70	66	T OHASHI
						214						214	
4	161	481	462	5	196 / 126	70	125	194	426	5	159 / 91	68	
						284						282	
5	179	136	480	5	214 / 144	70	113	974	414	5	148 / 78	70	
						354						352	
6	192	131	493	5	216 / 168	48	105	831	406	5	130 / 80	50	
						402						402	
BM 102-18												402	BM 102-18
	101	5484					690	778				804	Ave T & 85th St W
	690	778											See F.B. 2412-24
+	324	706											

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-18 TO B.M. 102-17
B.M. 102-18									B.M. 102-18
1	117	559	418 5	137 97 40	178	530	479 5	198 158 40	AVE. I 0.5 MI. W. OF 80TH ST. W.
									SEE F.B. 2412-24
2	102	674	403 5	134 70 64	176	053	477 5	207 145 62	
				104				102	
3	138	618	439 5	166 110 56	167	943	468 5	195 139 56	
				160				158	
4	129	647	430 5	158 100 58	176	524	477 5	205 147 58	T: OHASHI
				218				216	
5	115	533	416 5	145 85 60	168	590	469 5	197 139 58	
				278				274	
6	143	9~~6~~7 2	444 5	172 114 58	176	605	477 5	205 147 58	
	748	003		336	1044	245		332	
7	126	480	427 5	160 92 68	154	788	455 5	191 117 74	
				404				406	
B.M. 102-17								404	B.M. 102-17
	874	483			1199	033		810	AVE. I & 80TH ST. W. N.E. COR.
					874	483			SEE F.B. 2412-23
					324	550			

T = 98°

WEATHER WINDY, CLOUDY INST. NO. 96716

TIME 1:20 TO 2:00 ROD NO. 1713 A/B

NOTES CHKD LARAINE MIYATA DATE 25 SEP '7

F.B. 4125 PG. 60 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-2-72

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 56°
SURVEY BY G.E. DREIER DATE 5-19-72 WEATHER WINDY INST. NO 96716
NOTES BY SIEMANN TIME 1:10 TO 1:30 ROD NO 713AB
INDEXED J. M. PALMERI DATE JUN 19 '72 NOTES CHK LORAINE MIYATA DATE 25 SEP '72
F.B. 4125 PG. 61

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-18 TO B.M. 102-19
									B.M 102-18
1	199 073	500	5	~~234~~ 164 70	63 254	364	5	~~98~~ 28 70	AVE. I 0.5 MI. W. OF 80TH ST. W.
									SEE F.B. 2412-24
2	217 320	518	5	~~252~~ 182 70	94 366	395	5	~~129~~ 59 70	
				~~259~~ 140				140	
3	224 587	525	5	189 70	116 068	417	5	~~132~~ 80 72	
				210				212	
4	191 395	492	5	~~227~~ 155 72	95 203	396	5	~~131~~ 59 72	π = COCKERHAM
				~~282~~				~~284~~	
5	209 300	510	5	~~244~~ 174 70	100 813	401	5	~~136~~ 64 72	
	004 675			~~352~~	469 700			356	
6	195 351	496	5	~~225~~ 165 60	99 740	400	5	~~127~~ 71 56	
				412				412	
B.M. 102-19								412	B.M. 102-19
	237 026				569 444			824	AVE. I & 90TH ST. W. N.W. COR.
	569 444								SEE F.B. 2412-24
	~~806 470~~								
	+ 667 582								

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4125 PG. 62 JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-2-72

INDEXED T. M. PALMERI DATE

T = 98°

WEATHER OVERCAST INST. NO. 96716

TIME 11:40 TO 12:00 ROD NO. 17/3 A

NOTES CHIDLAINE MIYATA DATE 25 SEP

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.102-19 TO B.M.102-18
B.M.102-19		3							B.M.102-19
1	96	254	397	5	128 64 64	192	298	493 5	227 157 70 AVE. I & 90TH ST. W. N.W. COR.
									SEE F.B. 2412-25
2	113	422	414	5	143 83 60	183	330	484 5	210 156 54
3	99	053	400	5	129 69 60 124	208	132	609 5	239 177 62 124
4	131	773	432	5	162 100 62 184	199	119	500 5	230 168 62 186
5	86	435	387	5	117 55 62 246	208	390	509 5	239 177 62 248
									T = MALDONADO
6	89	921	390	5	119 59 60 308	212	917	513 5	242 182 60 310
7	98	683	399	5	120 76 44 368	178	752	479 5	202 154 48 370
					412				418
B.M.102-18									412 B.M.102-18
	715	541				1383	438		830 AVE. I 0.5 M. W. OF 80TH ST. W.
						715	541		SEE F.B. 2412-25
					-	667	897		

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 82°

SURVEY BY G.E. DREVER

NOTES BY T. OHASHI DATE 6-8-72 WEATHER OVERCAST-WINDY INST. NO. 96716

INDEXED T. M. PALMERI DATE JUN 19 72 TIME 2:15 - 2:35 ROD. NO. 1713 A&B

NOTES CHK PARAINE MIYATA DATE 25 SEP 72

F.B. 4125 PG. 63

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RERUN RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM. 102-18 TO BM. 102-19
BM. 102-18									BM. 102-18
1	195	339	496 5	228 162 66	83	627	384 5	116 50 66	AVE "1" & 85TH ST. W.
									SEE F.B. 2412-24
2.	222	655	523 5	255 189 66	85	734	386 5	118 52 66	
				132				132	
3	210	462	511 5	244 176 68	105	527	406 5	138 72 66	⊼ J. MALDONADO
				200				198	
4	190	568	491 5	225 155 70	105	520	406 5	140 70 70	RERUN
				270				268	
5	221	340	522 5	260 182 78	91	990	392 5	130 52 78	
6.	198	153	499 5	230 166 348	98	184	399 5	132 64 346	
BM. 102-19				64				68	B.M. 102-19
				412				414	AVE "1" & 90TH ST. W. N.W. COR.
	1238	517			570	582		412	SEE F.B. 2412-24
	570	582						826	
+	667	935							

76P526B CE # 308 8/68

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=76°
SURVEY BY G.E. DREIER DATE 5-22-72 WEATHER CLEAR INST. NO. 96716
NOTES BY SIEMANN TIME 10:30 TO 10:50 ROD NO. 71348
INDEXED T. M. PALMER DATE JUN 19 72 NOTES CHK BARAINE MIYATA DATE 25 SEP
F.B. 4125 PG. 65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 102-19 TO B.M. 102-20
B.M. 102-19													B.M. 102-19
1	136	732	437	5	176 96	80	181	457	482	5	218 144	74	AVE I & 90TH ST. W. N.W. COR
													SEE F.B. 2412-25
2	95	573	396	5	130 60	70	187	446	488	5	225 149	76	
						150						150	T = COCKERHAM
3	124	422	425	5	148 100	48	113	267	414	5	137 89	48	
						198						198	
B.M. 102-20												198	B.M. 102-20 (U.S.C.&G.S. LINT DELSUR)
	356	727					482	170				396	90TH ST. W. 0.2 MI. N. OF AVE. I.
							356	727					SEE F.B. 2412-26
							- 125	433					
								4					

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 102-20 TO B.M. 102-19
B.M. 102-20									B.M. 102-20 (U.S.C.&G.S. LINT DEL SUR)
1	113	245	414 5	143 83 60	116	949	417 5	145 87 58	~~AVE I~~ 90TH ST. W. 0.2 MI. W. OF
									AVE. I. SEE F.B. 2412-26
2	198	671	499 5	228 168 60	114	876	415 5	146 82 64	
				120				122	
3	183	920	484	220 146 74	138	451	439 5	173 103 70	π = MALDONADO
				194				192	
B.M. 102-19								194	B.M. 102-19
	495	836			370	276		386	AVE I & 90TH ST. W. N.W. COR.
	370	276							SEE F.B. 2412-25
+	125	560							

F.B. 4125 PG. 66 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-2-72

INDEXED J. M. PALMERI DATE

T = 100

WEATHER OVERCAST INST. NO. 9671

TIME 11:20 TO 11:35 ROD NO. 1713

NOTES CHEROKEE ~~MIYATA~~ DATE 25 SEP

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T: 78°

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

NOTES BY SIEMANN DATE 5-22-72 TIME 10:55 TO 12:00 ROD NO. 1713 HB

INDEXED J. M. PALMERI DATE JUN 19 72 NOTES CHK'D LARAINE MIYATA DATE 25 SEP 72

F.B. 4125 PG. 67

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-20 TO B.M. 102-21
B.M. 102-20									B.M. 102-20 (U.S.C.&G.S. LINT DELSUR)
1	118	383	419 5	142 94 48	129	529	430 5	152 106 46	90TH ST. W. 0.2 MI. N. OF AVE. I.
									SEE F.B. 2412-26
2	179	502	480 5	212 146 66	87	775	388 5	121 53 68	
				114				114	
3	162	060	463 5	199 125 74	130	197	431 5	167 93 74	
				188				188	
4	151	443	452 5	180 122 58	89	014	390 5	123 55 68	
				246				256	
5	173	568	474 5	200 146 54	102	691	403 5	124 80 44	
				300				300	
6	164	175	465 5	192 136 56	93	445	394 5	121 65 56	
				356				356	T: COCKERHAM
7	181	238	482 5	200 57 48	128	019	429 5	152 104 48	
				404				404	
8	189	171	490 5	212 166 46	93	491	394 5	116 70 46	
				450				450	
9	161	082	462 5	186 136 50	120	923	421 5	145 95 50	
				500				500	
10	209	670	510 5	234 184 50	137	230	438 5	162 112 50	
				550				550	
11	197	356	498 5	224 170 54	194	515	495 5	221 167 54	
				604				604	
B.M. 102-21								604	B.M. 102-21
	1887	648			1306	829		1208	AVE. I & 95TH ST. W. TOWER # M26T4
	306	829							SEE F.B. 2412-27
+	580	819							

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER OVERCAST INST. NO. 8/716

TIME 10:40 TO 11:20 ROD NO. 173 Hy

NOTES CHARLAINE MIYATA DATE 2-5-68

TZ 100

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-21 TO B.M. 102-20
B.M. 102-21									B.M. 102-21
1	140	375	441 5	172 108 64	178	392	479 5	210 146 64	AVE. I & 95TH ST. W. TOWER # M2T4
									SEE F.B. 2412-27
2	108	790	409 5	141 75 66	186	247	487 5	219 153 66	
				130				130	
3	114	622	415 5	150 78 72	209	047	510 5	243 175 68	
				202				198	
4	99	675	400 5	133 65 68	186	908	487 5	219 153 66	
				270				264	
5	97	215	398 5	131 63 68	198	859	499 5	231 165 66	T = MALDONADO
				338				330	
6	109	209	410 5	137 81 56	184	322	485 5	212 156 56	
				394				386	
7	160	700	461 5	194 126 68	165	882	466 5	199 131 68	
				462				454	
8	124	043	425 5	156 92 64	190	153	491 5	223 157 66	
				526				520	
9	104	553	405 5	132 76 56	183	011	484 5	213 153 60	
				582				580	
10 B.M. 102-20	142	858	443 5	153 131 22	100	426	401 5	112 88 24	B.M. 102-20 (U.S.C. & G.S. LINT DECS)
				604				604	90TH ST. W. 0.2 MI. N. OF AVE. I.
								604	SEE F.B. 2412-26
	1202	040			1783	247		1208	
					1202	040			
					581	207			

F.B. 4125 PG. 68

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREES NOTES SIEMANN 6-2-72

INDEXED I. M. PALMERI DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=66°
SURVEY BY G.E. DEEIER WEATHER KEEN WINDY
NOTES BY SIEMANN DATE 6-9-72 TIME 10:20 TO INST. NO 96716
INDEXED T. M. PALMERI DATE JUN 19 '72 NOTES CHK LORAINE MIYATA DATE 25 SEP '72 ROD NO 17348
F.B. 4125 PG. 69

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M 102-20 TO B.M. 102-21
B.M. 102-20									B.M. 102-20 (U.S.C&G.S. LINT DEL SUR)
1	148	78 50	449 5	191 105 86	131	750	432 5	173 89 84	90TH ST. W. 0.2 MI. N. OF AVE. I.
									SEE F.B 2412-26
2	187	153	488 5	226 148 78	120	690	421 5	158 82 76	
				164				160	
3	183	436	484 5	221 145 76	177	481	478 5	214 140 74	
				240				234	
4	191	038	492 5	227 155 72	95	342	396 5	134 56 78	
				312				312	
5	198	687	499 5	233 163 70	77	978	378 5	115 39 76	T= MALDONADO
				382				388	RE RUN
6	174	859	475 5	211 137 74	86	830	387 5	122 50 72	
				456				460	
7	210	910	511 5	249 171 78	94	779	395 5	133 55 78	
				534				538	
8	170	798	471 5	203 137 66	99	202	400 5	130 68 62	
9				600				600	
B.M. 102-21	162	222	463 5	186 138 48	162	262	463 5	186 138 48	B.M. 102-21.
				648				648	AVE. I & 95TH ST. W. TOWER # M26T4
								648	SEE F.B. 2412-27
BM 102-21								1296	
	1627853				1046314				
	1046314								
	+ 581539								

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-21 TO B.M. 102-20
B.M. 102-21									B.M. 102-21
1	141	069	442 5	170 112 58	174	752	475 5	202 146 56	AVE. I & 95TH ST. W. TW. M26T4.
									SEE F.B. 2412-27
2	108	992	409 5	142 74 68	185	833	486 5	219 151 68	
				126				124	
3	105	527	406 5	144 66 78	206	882	507 5	244 168 76	
				204				200	
4	93	509	394 5	132 54 78	195	502	496 5	235 155 80	RERUN
				282				280	
5	79	449	380 5	120 38 82	206	621	507 5	248 164 84	⊼ = MALDONADO
				364				364	
6	105	112	406 5	146 64 82	137	368	438 5	179 95 84	
				446				448	
7	114	323	415 5	152 76 76	190	592	491 5	228 152 76	
	747	981		522	1297	750		524	
8	91	888	392 5	130 52 78	123	308	424 5	162 84 78	
				600				602	
B.M. 102-20								600	B.M. 102-20 (U.S.C. & G.S. LINT. DEL SUR)
	839	869			1420	858		1202	90TH ST. W. 0.2 MI. N. OF AVE. I.
					839	869			SEE F.B. 2412-26
					-580	989			

F.B. 4125 PG. 70

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-13-72

INDEXED I. M. PALMERI DATE

JOB NO. 0301.02

WEATHER WINDY, CLOUDY INST. NO. 9671

TIME 11:00 TO ROD NO. 1713

NOTES CHK. DARAINE MIYATA DATE 25 [illegible]

T = 80°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER DATE 6-13-72 WEATHER WINDY, CLOUDY INST. NO. 76716

NOTES BY SIEMANN TIME 1:20 TO ROD NO. 1713 AB

INDEXED J. M. PALMERI DATE JUN 19 '72 NOTES CHK LARAINE MIYATA DATE 25 SEP '72

F.B. 4125 PG. 71

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM BM 102-20 TO BM 102-21
BM 102-20									BM 102-20 (U.S.C&G.S. LINT DEC SUR)
1	153	003	454	5	116	658	417	5	90TH ST. W. 0.2 MI. N. OF AVE. I
				198 108 90				162 70 92	SEE F.B. 2412-26
2	200	191	501	5	126	098	427	5	
				243 157 86				169 83 86	
3	132	231	433	5	98	451	399	5	
				173 91 82 176				139 57 82 178	
4	197	750	498	5	96	167	397	5	
				237 157 80 258				136 56 80 260	2nd RERUN
5	219	549 00	520	5	94	919	395	5	
				261 177 84 338				136 52 84 340	π = MALDONADO
6	235	358	536	5	101	902	402	5	
				279 191 88 422				144 58 86 424	
7	191	388	492	5	114	028	415	5	
				227 155 72 510				150 78 72 510	
8	161	450	462	5	161	450	462	5	
				184 138 46 582				184 138 46 582	
				628				628	
BM 102-21								628	BM 102-21
	1490	873			909	673		1256	AVE. I & 95TH ST. W. TOWER
	909	673							SEE F.B. 2412-27
+	58	220							

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-21 TO BM.102-20
B.M.102-21									B.M.102-21
1	160	232	461 5	183 137 46	178	976	479 5	202 154 48	95TH ST. W. & AVE. I TOWER.
									SEE F.B. 2412-27
2	89	700	390 5	134 44 90	193	672	494 5	235 151 84	
				136				132	
3	109	188	410 5	154 64 90	227	592	528 5	272 182 90	
				226				222	
4	91	639	392 5	135 47 88	220	713	521 5	263 177 86	2nd RERUN
				314				308	
5	89	648	390 5	134 44 90	201	309	502 5	248 154 94	
				404				402	π = MALDONADO
6	158	202	459 5	201 115 86	178	249	479 5	222 134 88	
				490				490	
7	94	638	395 5	138 50 88	196	212	497 5	239 153 86	
	793	247		578	1396	723		576	
8	122	993	423 5	138 106 32	100	750	401 5	116 84 32	
				610				608	
B.M.102-20								610	B.M.102-20 (U.S.C.&G.S. LINT DELSUR)
	916	240			1497	473		1218	90TH ST. W. 0.2 MI. N. OF AVE. I.
					916	240			SEE F.B. 2412-26
					581	233			

T = 80°

WEATHER WINDY, CLOUDY INST. NO. 9671

TIME 1:55 TO 2:30 ROD NO. 1763

NOTES CHAINE MIYATA DATE

F.B. 4125 PG. 72 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-13-72

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Cockerham DATE 5-22-72 TIME 1:25 to 1:50 WEATHER clear-calm INST. NO. 96716
INDEXED T. M. PALMERI DATE 1 9 72 NOTES CHK LORAINE MIYATA DATE 25 SEP 7
T-80°
F.B. 4125 PG. 73

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM102-21 TO BM102-22
BM102-21													BM102-21
1	210 / 209	100	511	5	246 / 174	72	103	873	404	5	138 / 68	70	Ave I & 95th St. W. Tower # M26T4
													See F.B. 2412-27
2	237	048	538	5	272 / 202	70	132	128	433	5	165 / 99	66	
						142						136	
3	227	039	528	5	262 / 192	70	104	118	405	5	142 / 66	76	
						212						212	T. Siemann
4	240	939	541	5	275 / 205	70	119	229	420	5	155 / 83	72	
						282						284	
5	214	700	515	5	249 / 179	70	107	700	408	5	142 / 72	70	
						352						354	
6	199	175	500	5	219 / 179	40	172	750	473	5	192 / 152	40	
						392						394	
BM102-22												392	BM102-22
	1329	001					739	798				786	Ave I & 100th St. & Int.
	739	798											See F.B. 2412-28
+	589	203											

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 102-22 TO BM 102-21
BM 102-22				172				296	BM 102-22
1	124	140	425 5	76 96	248	230	549 5	200 96	Ave. I & 100th St. W & Int.
				152				298	See F.B. 2412-28
2	106	811	407 5	60 92	252	323	553 5	206 92	
				143 188				288 188	
3	97	470	398 5	51 92	242	788	543 5	196 92	K-Siemann
				134 280				285 280	
4	89	650	390 5	44 90	241	189	542 5	197 88	
				160 370				184 368	
5	149	200	450 5	138 22	172	410	473 5	160 24	
				382 9				392	
								382	
	5~~8~~6 7	271			1156	940		784	BM 102-21
BM 102-21					5~~8~~6 7	271			Ave. I, & 95th St. W Ctr Tower Edison M26T4
					5~~7~~8 89	669			See F.B. 2412-27

T-88°

F.B. 4125 PG. 74 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 6-2-72

INDEXED I. M. PALMERI DATE

WEATHER Hazy Sun INST. NO. 967

TIME 10:15 to 10:35 ROD NO. 1713A

NOTES CHILDRAINE MIYATA DATE 25 SEP 72

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G. E. Dreier DATE 6-9-72 WEATHER Cloudy & Windy

NOTES BY Maldonado TIME 11:15 to 11:40 INST. NO. 96716

INDEXED J. M. PALMER DATE JUN 19 72 NOTES CHK. LORAINE MIYATA DATE 25 SEP 72 ROD NO. 171348

F.B. 4125 PG. 75

T-68°

STATION	BACKSIGHT Re-Run Right	Mic.	Left	Mic.	Stadia	FORESIGHT Right	Mic.	Left	Mic.	Stadia	DESCRIPTION AND REMARKS
											FROM BM102-21 TO BM102-22
BM102-21			5		272					91	BM102-21
1	220	250	421	5	168 104	36	568	337	5	36½ 110	Ave. I, & 95th St. W. @ Ctr. of Edison
					263					108	Tower #26 T 4
2	213	682	514	5	163 100	59	996	360	5	10 98	See F.B. 2412-27
					286 204					138 208	
3	236	440	537	5	186 100	88	552	389	5	38 100	
					264 304					160 308	T-Siemann
4	222	279	523	5	180 84	117	679	418	5	75 85	
					388					393	Re-Run
5										388	
	892 651					302 795				781	
	302 795										
	589 856										
BM102-22											BM102-22
											Ave. I, & 100th St. W. & Int.
											See F.B. 2412-28

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G E DREIER
NOTES BY Cockerham DATE 5-22-72 WEATHER clear calm INST. NO. 86716
INDEXED J. M. PALMER DATE JUN 19 72 TIME 1:50 to 2:25 ROD NO. 17134-15
NOTES CHECKED LORAINE MIYATA DATE 2-5-88
T=80°
F.B. 4125 PG. 77

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													From BM102-22 To BM102-23
BM102-22													BM 102-22
1	275	306	576	5	275 / 240	70	105	451	406	5	140 / 70	70	Ave I & 100th St. W. & Int
													See F.B. 2412-28
2	203	041	504	5	238 / 168	70	111	510	412	5	146 / 76	70	
						140						140	
3	209	535	510	5	250 / 168	82	94	225	395	5	135 / 53	82	T Siemann
						222						222	
4	199	667	500	5	234 / 164	70	99	188	400	5	134 / 64	70	
						292						292	
5	219	675	520	5	254 / 184	70	97	079	398	5	133 / 61	72	
						362						364	
6	176	849	477	5	195 / 157	38	128	159	429	5	146 / 110	36	
						400						400	
BM102-23												400	BM 102-23
	1284	073					635	612				800	Ave I & 105th St. W. & Int
	635	612											See F.B. 2412-29
	+ 648	461											

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 102-23 TO BM 102-22
BM 102-23									BM 102-23
1	107	633	408 5	150 64 86	225	920	526 5	268 182 86	Ave I & 105th St W. ℄ Int
									See FB 2412-29
2	100	197	401 5	136 64 72	223	970	524 5	259 187 72	
				158				158	
3	109	675	410 5	140 28 62	189	330	490 5	219 159 60	⊼ Siemann
				220				218	
4	114	052	415 5	145 83 62	195	001	496 5	226 164 62	
	111	684	412 5	142 80 282				280	
5	~~195~~	~~001~~	~~496 5~~	~~226~~ ~~164~~ 62	225	976	526 5	257 193 64	
				344				344	
6	111	528	412 5	138 84 54	242	948	543 5	270 214 56	
				398				400	
BM 102-22								398	BM 102-22
	654	769			1302	945		798	Ave T & 100th St W. ℄ Int
					654	769			See FB 2412-28
				—	648	176			

T=76°

WEATHER clear windy INST. NO. 96716

TIME 11:05 to 11:50 ROD NO. 1763AB

NOTES CHKD LARAINE MIYATA DATE 25 [illegible]

F.B. 4125 PG. 78 JOB NO. 0301.02

SURVEY OF LA Co Precise Level Net

SURVEY BY Dreier NOTES RMC 25 May 72

INDEXED I. M. PALMERI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-68°
SURVEY BY Mia/Donado & E. Dreier DATE 6-9-72 WEATHER Cloudy & Windy INST. NO. 26716
NOTES BY TIME 11:30 to 12:05 ROD NO. 1/13 & 18
INDEXED T. M. PALMERI DATE 19 72 NOTES CHECKED LORAINE MIYATA DATE 25 SEP 72
F.B. 4125 PG. 79

STATION	BACKSIGHT Re-Run					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM BM 102-22 TO BM 102-23
BM 102-22	5	5		296					122		BM 102-22
1	258	434	559	5 220	76	84	110	385	5 46	76	Ave I, & 100th St. W. & Int.
				241					148		See F.B. 2412-28
2	206	527	507	5 171	70	112	269	413	5 76	72	
				236	146				144	148	T-Siemann
3	201	790	502	5 166	70	110	252	411	5 76	68	
				243	216				121	216	Re-Run
4	207	299	508	5 171	72	85	819	386	5 49	72	
				242	288				145	288	
5	207	650	508	5 172	70	110	968	411	5 75	70	
				214	358				146	358	
6	194	810	495	5 174	40	124	590	425	5 102	44	
					398 ✓					402 ✓	
										398	
	1276510 ✓					628008 ✓				800 ✓	
	628008										
BM 102-23	1648502 ✓										BM 102-23
											Ave. I & 105th St. W. & Int.
											See F.B. 2412-29

PLEASE RETURN TO

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

Do not extend notes this side of this line.

F.B. 4125 PG. 80 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 6-9-72

INDEXED T. M. PALMERI DATE

WEATHER Cloudy & Windy INST. NO. 9671

TIME 1:20 to 1:50 ROD NO. 7134

NOTES CHIEF LORAINE MIYATA DATE 25 SEP

T-70°

STATION	BACKSIGHT Re-Run						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 102-23 TO BM 102-22
BM 102-23					152						245		BM 102-23
1	117	867	418	5	82	70	211	888	512	5	177	68	Ave I & 105th St. W. & Int.
													See F.B. 2412-29
2	93	593	394	5	131 54	77	216	610	517	5	254 178	76	
					144	147					245	144	
3	109	222	410	5	74	70	211	419	512	5	177	68	
					155	217					239	212	T-Siemann
4	120	109	421	5	85	70	204	239	505	5	169	70	
					140	287					268	282	Re-Run
5	105	268	406	5	70	70	234	591	535	5	200	68	
					152	357					270	350	
6	130	379	431	5	108	44	245	850	546	5	220	50	
						401						400	
												401	
	676	438					324	597				801	
							676	438					
							648	159					BM 102-22
BM 102-22													Ave I & 100th St. W. & Int.
													See F.B. 2412-28

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 6-9-72

INDEXED J. M. PALMERI DATE 19 '72

WEATHER Cloudy & Windy INST. NO 96716

TIME 1:55 to 2:40 ROD NO 1713A & B

NOTES CHK DRAINE MIYATA DATE 25 SEP '72

T-70°

F.B. 4125 PG. 81

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-22 TO BM 102-23
BM 102-22				298				124	BM102-22
1	260	143	561 5	222 76	88	481	389 5	52 72	Ave I & 100th St. W. & Int.
				247				141	See F.B. 2412-28
2	212	180	513 5	177 70	107	610	408 5	73 68	
				228 146				147 140	
3	192	653	493 5	156 72	111	467	412 5	75 72	π-Siemann
				247 218				136 212	
4	212	788	513 5	177 70	99	711	400 5	62 74	2nd Re-Run
				258 288				140 286	
5	223	273	524 5	188 70	103	862	404 5	66 74	
				207 358				147 360	
6	185	600	486 5	163 44	126	782	427 5	105 42	
				402				402	
								402	
	1286	637			637	913		804	
	637	913							
	1648	724							
BM 102-23									BM102-23
									Ave. I & 105th St. W. & Int.
									See F.B. 2412-29

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						Re-Run FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM102-23 TO BM102-22
BM 102-23					151						258		BM 102-23
1	112	243	413	5	73	78	220	111	521	5	182	76	Ave. I & 105th St. W. ℄ Int.
					134						247		See F.B 2412-29
2	98	100	399	5	62	72	212	500	513	5	177	70	
					145	150					247	146	
3	110	795	411	5	75	70	212	000	513	5	177	70	
					155	280					239	216	⊼-Siemann
4	120	782	421	5	85	70	203	976	504	5	167	72	
					134	290					273	288	2nd Re-Run
5	99	011	400	5	64	70	238	188	539	5	203	70	
					157	360					259	358	
6	136	859	437	5	115	42	239	390	540	5	219	40	
						402						398	
												402	
	677	790					1326	165				800	
							677	790					BM102-22
							648	375					Ave. I & 100th St. W. ℄ Int.
BM102-22													See F.B 2412-28

T-72°

F.B. 4125 PG. 82 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado

INDEXED J. M. PALMERI DATE

WEATHER Cloudy & Windy INST. NO. 96716

TIME 1:40 to 2:40 ROD NO. 1713A&B

NOTES CHAINAINE MIYATA DATE 25 SEP 72

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T=80° F.B. 4125 PG. 83

SURVEY BY G.E. DREIER WEATHER clear - calm INST. NO. 96716

NOTES BY Cockerham DATE 5-22-77 TIME 2:30 to 2:35 ROD NO. 1713AB

INDEXED T. M. PALMERI DATE JUN 19 '72 NOTES CHKD LARAINE MIYATA DATE 25 SEP

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM102-23 TO BM102-24
BM102-23									BM102-23
1	190	219	491 5	200 180 20	77	801	378 5	87 67 20	Ave I & 105th St.W. & Int.
	77	801						20	See F.B. 2412-29
+	112	418	/					40	
									⊼ Siemann
BM102-24									BM 102-24 (USC&GS) A 306
									Ave I & 105th St.W. NW. Cor
									See F.B. 2412-29

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 102-24 TO BM 102-23
BM 102-24													BM 102-24 (USC&GS A 306)
1	99	841	400	5	110 88	22	212	220	513	5	224 200	24	Ave I & 105th St. W. N.W. Cor
							99	841				22	See F.B. 2412-29
BM 102-23							- 112	379				46	
													T SEIMANN
													BM 102-23
													Ave I & 105th St W. ℄ Int
													See F.B. 2412-29

WEATHER Clear Windy INST. NO 96 71 [illegible]

TIME 11:00 to 11:05 ROD NO. 171 [illegible]

NOTES CHAINE MIYATA DATE 25 SEP

T = 76°

F.B. 4125 PG. 84 JOB NO. 0301.02

SURVEY OF LACo Precise Level Net

SURVEY BY Dreier NOTES R.M.C. 25 May 72

INDEXED T. M. PALMERI DATE

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T = 82° F.B. 4125 PG. 85

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

NOTES BY T. OHASHI DATE 5-23-72 TIME 130-130 ROD NO. 1713A-B

INDEXED T. M. PALMERI DATE JUN 19 '72 NOTES CHKD. JOANNE MIYATA DATE 25 SEP '72

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM. 102-24									FROM BM. 102-24 TO BM. 102-24A
1	128	757	429 5	132 / 124 8	130	041	431 5	134 / 126 8	BM. 102-24 Ave "1" & 0.5 Mi. E. of 110th St. W. See F.B. 2412-29
BM. 102-24A					128	757		8	
					-1	284		16	T. R. Cockerham
									BM. 102-24A Ave "1" & 0.5 Mi. E. of 110th St. W See F.B.

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM.102-24A TO B.M.102-24
BM.102-24A													BM.102-24A
1	142	428	443	5	145 139	6	141	175	442	5	144 138	6	AVE "1" 0.5 MI. E. OF 110TH ST. W.
												6	
B.M.102-24	141	175										12	↑ R. COCKERHAM.
+	1	253											
													BM.102-24
													AVE "1" 0.5 MI. E. OF 110TH ST. W.
													SEE F.B. 2412-29

F.B. 4125 PG. 86 JOB NO. 030102

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

SURVEY BY G. E. DREVER NOTES T. OHASHI 5-25-72

INDEXED T. M. PALMERI DATE

WEATHER Windy - Sun INST. NO. 96716

TIME 10:50 - 11:00 ROD NO. 1713 A-B

NOTES CHKD LORAINE MIYATA DATE 25 SEP 72

T=70°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM. 102-24A TO BM. 102-25
BM. 102-24A									BM. 102-24A (USC&GS. A-1220) TOWER BASE
1	180	382	481 5	212 / 148 64	85	013	386 5	121 / 49 72	AVE "I" & 0.5 MI. E. OF 110TH ST. W.
									SEE F.B. 3725-62
2.	198	647	499 5	226 / 170 56	101	788	402 5	129 / 74 54	
				120				126	
3	189	180	490 5	218 / 160 58	113	745	414 5	142 / 84 58	R. COCKERHAM.
				178				184	
4.	177	379	478 5	206 / 148 58	126	660	427 5	151 / 101 50	
				236				234	~~RERUN~~
5	174	730	475 5	203 / 145 58	96	391	397 5	125 / 67 58	
				294				292	
6.	206	290	507 5	235 / 177 58	87	147	388 5	116 / 58 58	
				352				350	
7.	183	456	484 5	199 / 167 32	197	293	498 5	214 / 180 34	
				384				384	
BM. 102-25								384	BM. 102-25 (SEC. COR 11, 12, 13, 14)
	1310	064			808	037		768	AVE "I" & 110TH. ST. W & INT.
	808	037							SEE F.B. 2412-30
+	502	027							

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

SURVEY BY G.E. DRELERI

NOTES BY T. OHASHI DATE 5-23-72

INDEXED I. M. PALMERI DATE JUN 19 72

WEATHER WINDY-SUNNY T=82° INST. NO. 96716

TIME 1:35 - 2:10 ROD NO. 1713A-B

NOTES CHARLAINE MIYATA DATE 25 SEP '72

F.B. 4125 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
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM. 102-25 TO BM. 102-24A
B.M. 102-25													BM. 102-25 (SEC. COR. 11, 12, 13, 14)
1	151	650	452	5	186 / 116	70	273	323	574	5	273 / 235	70	AVE "1" & 110TH. ST. W. ℄ INST.
													SEE F.B. 2412-30
2	99	017	400	5	135 / 63	72	187	088	488	5	223 / 151	72	
						142						142	⊼ R. COCKERHAM
3.	116	494	417	5	148 / 84	64	190	799	491	5	222 / 158	64	
						206						206	
4.	94	338	395	5	128 / 60	68	200	373	501	5	235 / 165	70	
						274						276	
5.	101	432	402	5	128 / 74	54	186	931	487	5	212 / 160	52	
						328						328	
6.	98	202	399	5	126 / 70	56	123	920	424	5	151 / 95	56	
						384						384	
B.M. 102-24A												384	B.M. 102-24A (U.S.C.&G.S. A-1220)
	661	133					1162	434				768	AVE "1" 0.5 MI. E. OF 110TH. ST. W. TOWER BASE
							661	133					SEE F.B. 3725-62
							501	301					

F.B. 4125 PG. 88 JOB NO. 030102

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

SURVEY BY G.E. DREIER NOTES T. OHASHI 5-25-72

INDEXED I. M. PALMERI DATE

WEATHER SUNNY-WINDY INST. NO. 96716

TIME 10:25 - 10:50 ROD NO. 1713 A-B

NOTES CHAIN LAB MIYATA DATE 25 SEP

T=70°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY G. E. DREIER

NOTES BY T. OHASHI DATE 6-12-72

INDEXED J. M. PALMERI DATE JUN 19 '72

WEATHER SUNNY - WINDY INST. NO. 96716

TIME 10:40 - 12:15 ROD NO. 1713A&B

NOTES CHARLAINE MIYATA DATE 25 SEP '72

F.B. 4125 PG. 89

T=90°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM.102-25 TO BM.102-24A
BM.102-25									B.M. 102-25 (SEC. COR. 11, 12, 13, 14)
1.	93	798	394 5	131 55 76	221	861	522 5	258 184 74	AVE "1" & 110TH. ST. W. ℄ INT.
									SEE F.B. 2412-30
2.	107	893	408 5	137 77 60	184	573	485 5	214 154 60	
				136				134	
3.	124	590	425 5	154 94 60	191	801	492 5	221 161 60	⊼ J. MALDONADO
				196				194	
4.	112	355	413 5	139 85 54	182	762	483 5	208 156 52	
				250				246	RERUN
5.	102	577	503 5	128 76 52	190	999	491 5	218 162 56	
				302				302	
6.	108	041	409 5	135 81 54	195	179	496 5	221 169 52	
				356				354	
7.	127	415	428 5	144 110 34	111	018	412	128 94 34	
				390				388	
BM.102-24A								390	B.M. 102-24A (USC&GS A-1220)
	776	669			1278	193		778	AVE "1" & 105TH. ST. W. TOWER BASE
					776	669			SEE F.B. 3725-62
				-	501	524			

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RERUN RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 102-24A TO B.M. 102-25
B.M. 102-24A													B.M. 102-24A (USC&GS A-1220)
1.	115	678	416	5	138 / 92	46	116	932	417	5	139 / 93	46	AVE "I" & 105TH ST. W. TOWER BASE
													SEE F.B. 3725-62
2.	196	818	497	5	223 / 169	54	110	034	411	5	136 / 84	52	
						100						98	
3	198	742	499	5	224 / 172	52	109	901	410	5	135 / 83	52	⊼ J. MALDONADO
						152						150	
4.	187	451	488	5	215 / 159	56	121	028	422	5	149 / 93	56	
						208						206	RERUN
5.	180	470	481	5	207 / 153	54	126	827	427	5	153 / 99	54	
						262						260	
6.	195	981	496	5	222 / 168	54	106	656	407	5	132 / 80	52	
						316						312	
7.	194	197	495	5	220 / 168	52	100	570	401	5	127 / 73	54	
						368						366	
8	167	152	468	5	177 / 157	20	142	633	443	5	153 / 131	22	
						388						388	
B.M. 102-25												388	B.M. 102-25 (SEC. COR. 11, 12, 13, 14)
	1436	489					934	581				776	AVE "I" & 110TH ST. W. ℄ INT.
−	934	581											SEE F.B. 2412-30
+	501	908											

T = 92°

WEATHER Sunny - Windy INST. NO. 96716

TIME 1:25 - 2:00 ROD NO. 1713 A

NOTES CHK. LORAINE MIYATA DATE 25 SEP 72

F.B. 4125 PG. 90 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY G.E. Dreier NOTES T. Ohashi 6-12-72

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

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

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. DUDSAK DATE 6-12-72 WEATHER WINDY-SUNNY INST. NO. 26764
INDEXED J. M. PALMERI DATE JUN 19 '72 TIME 21:05 - 21:35 ROD NO. 113A & 118
NOTES CHK'D ARLINE MIYAMATE 25 SPD
T=94°
F.B. 4125 PG 91

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-25 TO B.M. 102-24A.
B.M. 102-25									B.M. 102-25 (SEC. COR. 11, 12, 13, 14)
1	187 691	488 5	298 / 162	42	212 682	513 5	238 / 186	52	AVE "I" & 110TH ST. W. & INT.
									SEE F.B. 2412-30
2	89 099	390 5	46 / 62	54 / 96	183 539	484 5	206 / 160	46 / 98	
3	103 414	404 5	131 / 75	56 / 152	174 700	475 5	202 / 146	56 / 154	T. J. MALDONADO
4	149 693	450 5	176 / 122	54 / 206	182 672	483 5	209 / 155	54 / 208	
5	124 713	425 5	151 / 97	54 / 260	199 889	500 5	226 / 172	54 / 262	2ND RERUN
6	97 362	398 5	122 / 72	50 / 310	199 048	500 5	226 / 174	50 / 312	
7	109 308	410 5	135 / 83	52 / 362	192 736	493 5	219 / 165	54 / 366	
8	151 570	452 5	168 / 134	34 / 396	169 350	470 5	184 / 154	30 / 396	
B.M. 102-24A								396 / 792	B.M. 102-24A (USC.&G.S. A-1220)
	1012 850				1512 616				AVE "I" & 105TH ST. W. TOWER BASE
					1012 850				SEE F.B. 3725-62
					501 766				

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM.102-24A TO BM.102-25
B.M.102-24A													B.M.102-24A (USC&G.S. A-1220)
1	191	642	492	5	226 156	70	86	816	387	5	123 49	74	AVE "I" & 105TH ST. W. TOWER BASE
													SEE F.B 3725-62
2	146	608	447	5	178 114	64	93	676	394	5	126 60	66	
						134						140	
3.	199	242	500	5	233 165	68	119	260	420	5	153 85	68	⊼ J. MALDONADO
						202						208	
4.	191	198	492	5	226 156	70	115	598	416	5	146 84	62	2ND RE-RUN
						272						270	
5.	210	267	511	5	245 175	70	94	168	395	5	129 59	70	
						342						340	
6.	193	302	494	5	214 172	42	120	842	421	5	142 98	44	
						384						384	
B.M.102-25												384	B.M.102-25 (SEC. COR. 11.12,13,14)
	1132	259					630	360				768	AVE "I" & 110TH ST. W. ℄. INT.
	630	360											SEE F.B. 2412-30
+	501	899											

F.B. 4125 PG. 92 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OHASHI 6-15-72

INDEXED T. M. PALMERI DATE

WEATHER WINDY - OVERCAST INST. NO. 96716

TIME 10:15 - 10:45 ROD NO. 1713A&B

NOTES CHKD LARAINE MIYAHATE 25 SEP 77

T = 84°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 5-23-72

INDEXED I. M. PALMERI DATE JAN 19 '72

WEATHER Sunny, Windy INST. NO. 96716

TIME 210 - 2.35 ROD NO. 1713 A-B

NOTES CHKD LARAINE MIYATA DATE 25 SEP '72

F.B. 4125 PG. 93

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-25 TO B.M. 119-23
B.M. 102-25									B.M. 102-25 (SEE COR. 11, 12, 13, 14)
1	188	108	489 5	216 160 56	161	954	462 5	189 133 56	AVE. "I" & 110TH. ST. W.
									SEE F.B. 2412-30
2	135	762	436 5	163 107 56	174	486	475 5	293 145 58	
				112				114	
3	130	474	431 5	159 101 58	118	032	419 5	147 89 58	⊼ R. COCKERHAM.
				170				172	
4	132	791	433 5	162 102 60	103	228	404 5	133 73 60	
				230				232	
5	108	623	409 5	138 78 60	137	492	438 5	167 107 60	
				290				292	
6	177	831	478 5	204 150 54	148	201	349 5	74 22 52	
				344				344	
B.M. 119-23								344	B.M. 119-23
	873	589			743	393		688	110TH. ST. W. & 0.5 MI. N. OF AVE. I.
	843	393			7				SEE F.B. 2872-29
	+ 30	196							
	1								

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM. 119-23 TO BM. 102-25
BM. 119-23													BM. 119-23
1	61	158	362	5	92 / 30	62	199	882	500	5	231 / 167	64	110TH ST. W.
													SEE F.B.
2	191	019	492	5	222 / 160	62	160	001	461	5	191 / 129	62	
						124						126	
3	116	270	417	5	148 / 84	64	147	642	448	5	179 / 115	64	⊼ R. COCKERHAM
						188						190	
4	138	886	439	5	169 / 107	62	104	151	405	5	136 / 72	64	
						250						254	
5	154	027	455	5	200 / 108	92	179	831	480	5	223 / 135	88	
						342						342	
B.M. 102-25												342	B.M. 102-25 (SEC COR. 11, 12, 13, 14,)
	661	360					791	507				684	AVE "I" & 110TH. ST. W. ℄ INT.
							661	360					SEE F.B. 2412-30
							130	147					

F.B. 4125 PG. 94 JOB NO. 0301.02.

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

SURVEY BY G. E. DREIER NOTES T. OHASHI 5-25-72

INDEXED T. M. PALMERI DATE

WEATHER Windy-Sunny INST. NO. 96716

TIME 10:00-10:20 ROD NO. 1713A-B

NOTES CHK. LARAINE MIYATA DATE 25 SEP 7

T = 70°

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-88°
SURVEY BY G.E. DREIER DATE 5-24-72 WEATHER VERY WINDY INST. NO. 96716
NOTES BY SIEMANN TIME 10:30 TO 11:15 ROD NO. 17348
INDEXED J.M. PALMERI DATE JUN 19 '72 NOTES CHK LORAINE MIYATA DATE 25 SEP 72
F.B. 4125 PG. 95

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 119-23 TO B.M. 119-22
B.M. 119-23									B.M. 119-23
1	105 509	406 5		141 69 72	103 725	404 5		140 66 74	110TH ST. W. 0.5 MI. N. OF AVE I.
									SEE F.B. 2872-29
2	170 768	471 5		202 138 64	93 587	394 5		125 61 64	
				136				138	
3	148 920	449 5		181 115 66	130 425	431 5		163 97 66	
				202				204	
4	163 431	464 5		190 136 54	228 321	529 5		255 201 54	
				256				258	
5	6 212	307 5		53 6 54	193 825	494 5		220 166 54	π = OHASHI
				360				312	
6	124 028	425 5		155 95 58	137 583	438 5		166 108 58	
				368				370	
7	159 838	460 5		193 125 68	103 928	404 5		137 69 68	
				436				438	
B.M. 119-22								436	B.M. 119-22
	878 706				991 394			874	110TH ST. W. & AVE H. S.W. COR.
					878 706				SEE F.B. 2872-28
					− 112 688				

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M 119-22 TO 119-23
BM 119-22													B.M. 119-22
1	119	380	420	5	146 / 92	54	159	790	460	5	187 / 131	56	110TH ST. W. & AVE H. S.W. COR.
													SEE F.B. 2872-28
2	139	070	440	5	166 / 112	54	124	520	425	5	152 / 96	56	
						108						112	
3	159	891	460	5	189 / 129	60	91	303	392	5	119 / 63	56	⊼ OHASHI
						168						168	
4	297	842	598	5	(1) 297 / 279	36	93	630	394	5	111 / 75	36	
						204						204	
5	129	072	430	5	157 / 101	56	170	703	471	5	199 / 141	58	
						260						262	
6	157	820	458	5	182 / 132	50	158	482	459	5	183 / 133	50	
						310						312	
7	100	873	401	5	124 / 76	48	191	760	492	5	215 / 167	48	
						358						360	
8	155	730	456	5	179 / 131	48	184	105	485	5	208 / 160	48	
						406						408	
9	149	819	450	5	162 / 136	26	122	498	423	5	138 / 106	32	
						432						440	
BM 119-23												432	BM 119-23
	1409	497					1296	841				872	110th St W. 0.5 mi N of Ave I
	1296	841											see F.B. 2872-29
+	112	656											

F.B. 4125 PG. 96 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES RMC 24 May 72

INDEXED I. M. PALMERI DATE

NOTES CHAIRAINE MIYATA DATE 25 SEP 7

WEATHER Very Windy INST. NO 96 71C

TIME 1:40 to 2:35 ROD NO 1713A

T = 72°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 70°
SURVEY BY G.E. DREIER WEATHER VERY WINDY INST. NO. 26716
NOTES BY SIEMANN P.M.C. DATE 5-24-72 TIME 11:20 to 11:45 ROD NO. 17348
INDEXED T. M. PALMERI DATE JUN 19 '72 NOTES CHK LORAINE MIYATA DATE 25 SEP 72
F.B. 4125 Pg. 97

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 119-22 TO B.M. 119-21
B.M. 119.22									B.M. 119-22
1	141	513	442	5	181	550	482	5	110TH ST. W. & AVE. H. ~~& F.M. N.O.~~ S.W. COR.
				180 78 102 ~~8~~				225 137 88	SEE F.B. 2872-28
2	153	999	454	5	167	930	468	5	
				189 117 72				198 136 62	
				150				150	
3	169	940	470	5	144	692	445	5	T SIEMANN
				206 132 74				179 109 70	
				224				220	
4	225	117	526	5	148	753	449	5	
				255 195 40				179 117 62	
	163 ~~162~~	119	464	5					
				188 138 284				282	
5	~~159~~	~~797~~	~~460~~	~~5~~	139	482	440	5	
				~~179 139 40~~				165 113 52	
				~~324~~				334	
BM 119-21				334				334	B.M. 119-21 (DEL SUR G4A)
	853	688			782	407		668	110th St W & Ave G8
	782	407							See F.B.
+	71	281							

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 119-21 TO B.M. 119-22
BM 119-21													B.M. 119-21
1	136	~~440~~ 500	437	5	162 / 110	52	155	250	456	5	182 / 128	54	110TH ST. 0.5 MI. N. OF AVE. H.
													SEE F.B.
2	144	370	445	5	170 / 118	52	206	369	507	5	234 / 178	56	
						104						110	
3	122	227	423	5	153 / 91	62	157	319	458	5	186 / 128	58	⊼ SIEMANN
						166						168	
4	172	604	473	5	204 / 140	64	171	291	472	5	202 / 140	62	
						230						230	
5	180	249	481	5	212 / 148	64	153	380	454	5	185 / 121	64	
						294						294	
6	154	359	455	5	175 / 133	42	138	189	439	5	159 / 117	42	
						336						336	
BM 119-22												336	BM 119-22
	910	309					981	798				672	110th St W. @ Ave H. SW Cor
							910	309					See F.B. 2872-28
							71	489					

F.B. 4125 PG. 98

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES RMC 24 MAY 72

INDEXED I. M. PALMERI DATE

WEATHER Very Windy INST. NO. 96716

TIME 1:15 to 1:40 ROD NO. 1713AB

NOTES CHK. DARAINE MIYAPA DATE 25 SEP

T = 72°

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET	F. B. 4125 PG. 101
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by DREIER	
Checked	Notes Date OCT, 1972	
Date	Indexed G. D. BAILEY NOV 1 1972	

JOB NO. 0301.02

L.A.Co. PRECISE LEVEL NET

LINE NO 111, SEPT-OCT. 1972 RELEVELING

CONTINUED FROM F.B. 2437-250

DREIER
MALDONADO
SIEMANN
OHASHI
McKNIGHT

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE-310 3-69

ROUTE SKETCH LINE 111, 1972

F. B. 4125 PG. 102

SEE F.B. 2437-76, 77, 78

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 10-11-72
INDEXED G.D. BAILEY DATE NOV 1 1972
WEATHER Hazy Sun INST. NO. 96716
TIME 10:50 to 11:30 ROD NO. 1713A
NOTES CHKD L R M. DATE 27 NOV 72
F.B. 4125 PG. 103

T-70°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM111-51A TO BM111-52
BM111-51A									BM111-51A
1	149	625	450 5	150 / 148 2	128	306	429 5	129 / 127 2	Pine Cyn. Rd. & 150 Ft. ± from Culvert # 8.04
2	23	374	324 5	31 / 15 16	281	406	582 5	290 / 272 18	see F.B. 3723-144
3	22	729	323 5	32 / 12 18 / 20	273	680	574 5	282 / 264 20 / 18	
4	8	905	309 5	17½ / 8½ 38 / 18	296	310	597 5	296½ / 287½ 38 / 18	π - T. Ohashi
5	14	861	315 5	22 / 6 56 / 16	272	862	573 5	280 / 264 56 / 16	
6	19	170	320 5	28 / 10 72 / 18	300	861	601 5	300½ / 290½ 72 / 20	
7	30	983	331 5	38 / 22 90 / 16	272	252	573 5	280 / 264 92 / 16	
8	24	692	325 5	33 / 15 106 / 18	284	710	585 5	292 / 276 108 / 16	
~~10~~ 9	12	135	313 5	21 / 3 124 / 18	286	950	587 5	295 / 277 124 / 18	
10	5	430	306 5	14½ / 5½ 142 / 18	285	012	586 5	294 / 276 142 / 18	
11	21	848	322 5	30 / 12 160 / 18	256	703	557 5	264 / 248 160 / 16	
12	40	715	341 5	47 / 33 178 / 14	245	800	546 5	252 / 238 176 / 14	
	224	842		192	3056	546		190	
								192	
	~~224~~	~~842~~				~~46~~		382	
	374	467			3184	852			
					374	467			
BM111-52					2810	385			BM111-52
									Pine Cyn. Rd. & 150 Ft. ± W'ly. of Culvert # 8.20
									see F.B. 2437-64

(LINE 111 CONTINUED FROM F.B. 2437-250)

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 111-52 TO BM 111-51A
BM 111-52	3 4	2		285					16 1/2		BM 111-52
1	274	670	575 5	263	22	6	700	307 5	6 1/2	20	Pine Cyn. Rd. & 150 Ft.± W'ly. of
2	283	553	584 5	291 275	16	14	027	315 5	22 6	16	Culvert # 8.20.
3	283	462	584 5	291 275	38 16	20	778	321 5	28 12	36 16	See F.B. 2437-64
4	295	422	596 5	295 1/2 286 1/2	54 18	7	800	308 5	16 7 1/2	52 18	
5	284	922	585 5	293 275	72 18	26	460	327 5	35 17	70 18	T- T. Ohashi
6	294	227	595 5	294 1/2 284 1/2	90 20	4	742	305 5	14 1/2 4 1/2	88 20	
7	295	868	596 5	295 1/2 285 1/2	110 20	7	018	308 5	16 1/2 7 1/2	108 18	
8	201 2 300	2 24 170	601 5	300 1/2 290 1/2	130 20	87 3	525 396	304 5	12 1/2 3 1/2	126 18	
9	297	186	598 5	297 1/2 288 1/2	150 18	82	542	383 5	95 69	144 26	
10	272	655	573 5	279 265	168 14	68	698	369 5	74 62	170 12	
11	267	460	568 5	272 262	182 10	97	044	398 5	102 92	182 10	
					192					192	
										192	
	3149	595				339	205			384	
	339	205									
	2810	390									
BM 111-51A											BM 111-51A Pine Cyn. Rd. & 150 Ft.± from Culvert # 8.04 See F.B. 3723-144

F.B. 4125 PG. 104

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 10-18-72

INDEXED G. D. BAILEY DATE

WEATHER Overcast INST. NO. 96716

TIME 1:00 to 1:40 ROD NO. 1713A&B

NOTES CHKD L. R. M. DATE 27 NOV 72

T-62°

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 10-11-72
INDEXED G.D. BAILEY DATE NOV 1 1972
WEATHER Hazy Sun
TIME 11:30 to
NOTES CHKD L.R.M. DATE 27 NOV '72
INST. NO. 96716
ROD NO. 1713A&B
F.B. 4125 PG. 105

T-68°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 111-52 TO BM 111-53
BM111-52				37				296½	BM 111-52
1	28	180	329 5	19 18	296	071	597 5	287½ 16	Pine Cyn. Rd. & 150± Ft. W'ly. of
2	30	429	331 5	39 21 18	260	522	561 5	269 251 18	Culvert #8.20
3	19	876	320 5	29 9 36 20	296	267	597 5	296½ 287½ 34 18	See F.B. 2437-64
4	17	310	318 5	27 7 56 20	277	093	578 5	287 267 52 20	
5	15	724	316 5	27 3 76 24	251	195	552 5	263 239 72 24	T. Okashi
6	27	545	328 5	38 16 100 22	288	000	589 5	299 277 96 22	
7	31	868	332 5	42 20 122 22	298	191	599 5	298½ 287½ 118 22	
8	32	192	333 5	42 22 144 20	269	658	570 5	279 259 140 20	
9	31	670	332 5	42 20 164 22	262	043	563 5	276 248 160 28	
10	33	335	334 5	50 16 186 34	251	890	552 5	268 234 188 34	
11	50	232	351 5	65 35 220 30	283	590	584 5	298 268 222 30	
12	20	388	321 5	32 8 250 24	260	680	561 5	271 249 252 22	
13	35	740	336 5	54 16 274 38	226	878	527 5	245 207 274 38	
14	64	875	365 5	96 32 312 64	127	685	428 5	159 95 312 64	
15	106	398	407 5	125 87 376 38	208	193	509 5	226 190 376 36	
~~16~~				414				412	
								414	
	545	762			3857	956		826	BM111-53
BM111-53					545	762			Pine Cyn. Rd. & 125± Ft. W'ly. of
					3312	194			culvert #8.73.
									See F.B. 2437-65

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-53 TO BM 111-52
BM 111-53				272				177	BM 111-53
1	250	094	551 5	228 44	155	258	456 5	133 44	Pine Cyn. Rd. & 125 Ft.± W'ly of
				203				80	Culvert # 8.73
2	166	640	467 5	129 74	43	768	344 5	6 74	See F.B. 2437-65
				299 118				23 1/2 118	
3	278	189	579 5	257 42	5	013	306 5	5 1/2 36	
				289 160				31 154	
4	278	360	579 5	267 22	16	690	317 5	1 30	
				259 182				85 184	
5	242	273	543 5	225 34	69	785	370 5	53 32	
				298 216				31 1/2 216	
6	281	010	582 5	264 34	15	203	316 5	15 1/2 32	T. Ohshi
				303 250				15 1/2 248	
7	293	469	594 5	283 20	4	915	305 5	4 1/2 22	
				292 270				41 270	
8	282	422	583 5	272 20	31	347	332 5	21 20	
				297 290				35 290	
9	286	732	587 5	275 22	24	176	325 5	13 22	
				295 312				20 1/2 312	
10	280	903	581 5	265 30	6	445	307 5	6 1/2 28	
				289 342				37 340	
11	279	303	580 5	269 20	28	360	329 5	19 18	
				301 362				23 358	
12	292	550	593 5	283 18	13	310	314 5	3 20	
				283 380				29 378	
13	273	400	574 5	263 20	20	155	321 5	11 18	
				287 400				28 396	
14	279	700	580 5	271 16	18	350	319 5	8 20	
				416				416	
								416	
	3765	045			452	775		832	
	452	775							
	+3312	270							
BM 111-52									BM 111-52
									Pine Cyn. Rd. & 150± W'ly. of
									Culvert # 8.20
									See F.B. 2437-64

T- 62°

WEATHER Overcast INST. NO. 96716

TIME 10:40 to 11:40 ROD NO. 1713 A&B

NOTES CHKD L. R. M. DATE 27 NOV 72

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 10-18-72

INDEXED G. D. BAILEY DATE

F.B. 4125 PG. 106

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 T = 76°
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 10-11-72 WEATHER HOT, CLOUDY INST. NO. 26716
INDEXED G.D. BAILEY DATE NOV 1 1972 TIME 1:40 TO ROD NO. 17134
NOTES CHKD I.R.M. DATE
F.B. 4125 PG. 107

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-53 TO B.M. 111-54
B.M. 111-53									B.M. 111-53
1	19	142	320	5	301	066	602	5	PINE CN. RD. W. OF CULVERT #B.73
				33 / 5 / 28				½ 301 / 288 / 26	SEE F.B. 2437-65
2	12	282	313	5	287	361	588	5	
				19 / 5 / 14 / 42				295 / 279 / 16 / 42	
3	23	424	324	5	293	214	594	5	
				31 / 15 / 16 / 58				301 / 285 / 16 / 58	
4	18	633	319	5	293	710	594	5	
				26 / 10 / 16 / 74				301 / 285 / 16 / 74	
5	14	338	315	5	292	712	593	5	
				21 / 7 / 14 / 88				299 / 285 / 14 / 88	
6	12	418	313	5	301	742	602	5	T = MALDONADO
				24 / 0 / 24 / 112				½ 301 / 289 / 24	
7	23	720	324	5	263	571	564	5	
				½ 51 / 23 / 56 / 168				291 / 235 / 56 / 168	
8	5	238	306	5	296	768	597	5	
				½ 25 / 5 / 40 / 208				½ 296 / 276 / 40 / 208	
9	15	722	316	5	266	132	567	5	
				26 / 4 / 22 / 230				276 / 256 / 20 / 228	
10	23	343	324	5	298	378	599	5	
				35 / 11 / 24 / 254				½ 298 / 285 / 26 / 254	
11	13	136	314	5	295	602	596	5	
				23 / 3 / 20 / 274				305 / 285 / 20 / 274	
12	6	341	307	5	270	429	571	5	
				½ 16 / 6 / 20 / 294				280 / 260 / 20 / 294	
13	14	549	315	5	254	556	555	5	
				30 / -2 / 32 / 326				270 / 238 / 32 / 326	
14	11	640	312	5	300	352	601	5	
				½ 35 / 11 / 48 / 374				½ 305 / 280 / 40 / 366	
15	106	082	407	5	102	489	403	5	
				111 / 101 / 10 / 384				111 / 93 / 18 / 384	
B.M. 111-54	320	008			418	082			384 B.M. 111-54 (U.S.G.S. K-23)
									384 PINE CN. RD. 0.1 W. OF CULVERT 9.19
									768 SEE F.B. 2437-66

+320.008
− 4118.082
− 3798.074 −

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 111-54 TO B.M. 111-53
B.M. 111-54									B.M. 111-54 (U.S.G.S. K-23)
1	245	380	546 5	268 / 222 46	5	670	306 5	1/2 28 / 5 46	PINE CN. RD. ± 0.1 MI. W. OF CULVERT
2	252	890	553 5	272 / 232 40 / 86	3	789	304 5	1/2 23 / 3 40 / 86	#9.19 SEE F.B. 2437-66
3	251	418	552 5	261 / 241 20 / 106	30	549	331 5	40 / 20 20 / 106	
4	296	147	597 5	306 / 286 20 / 126	13	323	314 5	23 / 3 20 / 126	
5	295	153	596 5	306 / 284 22 / 148	34	792	335 5	44 / 24 20 / 146	
6	282	272	583 5	293 / 271 22 / 170	39	995	340 5	50 / 28 22 / 168	
7	298	310	599 5	1/2 298 / 284 28 / 198	50	373	351 5	64 / 36 28 / 196	$\bar{\pi}$ = MALDONADO
8	269	360	570 5	286 / 252 34 / 232	57	620	358 5	74 / 40 34 / 230	
9	178	868	479 5	196 / 160 36 / 268	74	013	375 5	91 / 57 34 / 264	
10	286	128	587 5	298 / 274 24 / 292	4	997	305 5	1/2 16 / 4 24 / 288	
11	288	741	589 5	296 / 280 16 / 308	15	517	316 5	23 / 7 16 / 304	
12	291	490	592 5	298 / 284 14 / 322	14	299	315 5	22 / 6 16 / 320	
13	276	911	577 5	283 / 269 14 / 336	10	874	311 5	18 / 2 16 / 336	
14	276	992	577 5	284 / 268 16 / 352	17	728	318 5	25 / 9 16 / 352	
15	301	188	602 5	1/2 301 / 290 22 / 374	14	478	315 5	25 / 3 22 / 374	
16	173	419	474 5	178 / 168 10 / 384	78	659	379 5	83 / 73 10 / 384	
B.M. 111-53								384	B.M. 111-53
	4264	667			466	676		768	PINE CN. RD. & CULVERT # 8.73
	466	676							SEE F.B. 2437-65
	+3797	991							

T = 58°

WEATHER CLOUDY INST. NO. 96716

TIME 9:45 TO ROD NO. 1713 A-B

NOTES CHKD L.R.M. DATE 27 NOV 72

JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-18-72

INDEXED G.D. BAILEY DATE

F.B. 4125 PG. 108

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 CHALLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN & DREIER DATE 10-11 & 12-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER HOT. T=76°

TIME 2:30 TO 2:50 TO 9:50

NOTES CHKD. L.R.M. DATE 27 NOV '72

INST. NO. 96716

ROD NO. 1713AB

F.B. 4125 Pg. 109

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-54 TO B.M. 111-55
B.M. 111-54									B.M. 111-54 (U.S.G.S. K-23) 1929
1	7	717	308 5	1/2 16 7 18	240	582	541 5	249 231 18	PINE CN. RD., 1.05 mi. S.E. of 3 POINTS
2	13	750	314 5	24 2 22 40	286	611	587 5	296 276 20 38	SEE F.B. 2437-66
3	23	222	324 5	34 12 22 62	270	967	571 5	281 259 22 60	
4	35	588	336 5	50 20 30 92	296	903	597 5	1/2 296 284 24 84	↑ J. MALDONADO
5	30	156	331 5	40 20 20 112	295	233	596 5	1/2 295 282 26 110	
6	24	618	325 5	36 12 24 136	267	790	568 5	281 253 28 138	
7	105	717	406 5	114 96 18 154	247	502	548 5	256 238 18 156	T.P. CULVERT 9.50
8	154	279	455 5	178 130 48 202	264	673	565 5	288 240 48 204	
9	7	610	308 5	1/2 22 7 30	297	511	598 5	1/2 297 282 30 234	
10	5	880	306 5	1/2 18 5 26 232	282	669	583 5	294 270 24 258	
11	3	222	304 5	1/2 19 3 32 258 290	281	091	582 5	297 265 32 290	
12	85	303	386 5	92 78 14 304	253	170	554 5	260 246 14 304	
	497	062			3284	702		304 608	
B.M. 111-55					497	062			B.M. 111-55
				—	2787	640			PINE CANYON RD. 0.55 mi. S.E. of 3 POINTS (S. of mi. 9.80)
									SEE F.B. 2437-67

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4125 PG. 110 JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-17-72 INDEXED G.D. BAILEY DATE

T = 64°

WEATHER CLOUDY INST. NO. 96716

TIME 1:50 TO 2:30 ROD NO. 1713-12

NOTES CHKD L.R.M. DATE 27 NOV 72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-55 TO B.M. 111-54
B.M. 111-55									B.M. 111-55 PTS.
1	285	389	586 5	302 268 34	3	878	304 5	22 3 38	PINE CN. RD. 0.55 MI. S. OF THREE
2	301	178	602 5	301 288 26 160	5	951	306 5	17 5 24	SEE F.B. 2437-67
3	297	816	598 5	297 283 28 88	4	293	405 5	18 4 62 28 90	
4	298	227	599 5	298 283 30 118	6	898	367 5	81 51 30 120	
5	181	148	482 5	197 165 32 150	159	772	460 5	174 144 30 150	← CULVERT 9.50
6	297	022	598 5	297 281 32 182	18	152	319 5	34 2 32 182	
7	299	212	600 5	299 283 32 214	30	980	331 5	45 15 30 212	
8	274	318	575 5	283 265 18 232	43	980	344 5	53 33 20 232	
9	295	745	596 5	307 283 24 256	21	570	322 5	33 9 24 256	
10	295	626	596 5	306 284 22 278	11	599	312 5	25 11 28 284	
11	292	159	593 5	302 282 20 298	67	870	368 5	74 60 14 298	
12	127	419	428 5	131 123 8 306	22	512	323 5	26 18 8 306	
B.M. 111-54								306 612	B.M. 111-54 (U.S.G.S. K-23 1929)
	3245	259			457	455			
	457	455							
	+2787	804							

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES IN 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 63°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER & OHASHI DATE 10-12-72
INDEXED G.D. BAILEY DATE NOV 1 1972
WEATHER LT. WIND SCAT. CLOUDS INST. NO. 26716
TIME 10:40 - 11:45 ROD NO. 1713A-1
NOTES CHKD L.R.M. DATE 27 NOV 72
F.B. 4125 PG. 11

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 111-55 TO B.M. 111-56
B.M. 111-55													B.M. 111-55 (S. of mi. 9.80)
1	97	104	398	5	104 / 90	14	228	580	529	5	236 / 220	16	PINE CN RD., 0.55 mi. S.E. of 3 POINTS
2	8	346	309	5	½ 27 / 8	38	294	749	595	5	½ 294 / 274	40	SEE F.B 2437-67
3	38	185	339	5	56 / 20	52 / 36	277	609	578	5	295 / 259	56 / 36	
4	20	201	321	5	½ 52 / 20	88 / 64	294	320	595	5	½ 294 / 264	92 / 60	
5	26	185	327	5	42 / 10	152 / 32	299	785	600	5	½ 299 / 285	152 / 28	π R. SIEMANN
6	14	896	315	5	27 / 1	184 / 26	297	270	598	5	½ 297 / 284	180 / 26	
7	15	162	316	5	32 / -2	210 / 34 / 244	284	300	585	5	300 / 268	206 / 32 / 238	
8	4	961	305	5	½ 27 / 4	46 / 290	298	241	599	5	½ 298 / 274	48 / 286	
9	24	172	325	5	½ 43 / 24	38 / 328	274	873	575	5	295 / 253	42 / 328	
10	8	304	309	5	½ 29 / 8	42 / 370	298	910	599	5	½ 298 / 281	34 / 362	
11	11	719	312	5	½ 25 / 11	28 / 398	291	469	592	5	303 / 279	24 / 385	
12	26	770	327	5	34 / 18	16 / 414	262	890	563	5	277 / 247	30 / 416	
13	14	331	315	5	28 / 8	28 / 442	283	485	584	5	296 / 270	26 / 442	
14	19	150	320	5	33 / 5	28 / 470	281	528	582	5	294 / 268	26 / 468	
15	7	441	308	5	½ 23 / 7	32 / 502	281	258	582	5	296 / 266	30 / 498	
16	110	550	411	5	113 / 107	6 / 508	154	541	455	5	157 / 151	6 / 504	
												508	
BM. 111-56												1012	B.M. 111-56
	447	477					4403	808					PINE CYN. RD & THREE POINTS RD.
							447	477					SEE F.B 2437-68
							3956	331					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM. 111-56 TO BM. 111-55
B.M. 111-56									B.M. 111-56
1	273	089	574 5	290 / 256 34	13	721	314 5	28 / -2 30	PINE CYN RD. & THREE POINTS RD.
2	298	920	599 5	½ 298 / 284 28 / 62	15	030	316 5	30 / 0 30 / 60	SEE F.B. 2437-68
3	296	740	597 5	½ 296 / 282 28 / 90	13	868	314 5	27 / -1 28 / 88	
4	298	600	599 5	½ 298 / 285 26 / 116	12	630	313 5	25 / -1 26 / 114	⊼ R. SIEMANN
5	301	791	602 5	½ 301 / 288 26 / 142	25	482	326 5	38 / 12 26 / 140	
6	293	008	594 5	½ 293 / 276 34 / 176	37	701	338 5	54 / 20 34 / 174	
7	293	660	594 5	½ 293 / 270 46 / 222	13	109	314 5	½ 36 / 13 46 / 220	
8	289	135	590 5	½ 289 / 269 40 / 262	16	501	317 5	36 / -4 40 / 260	
9.	292	601	593 5	½ 292 / 274 36 / 298	33	324	334 5	50 / 16 34 / 294	
10	299	608	600 5	½ 299 / 285 28 / 326	36	581	337 5	52 / 20 32 / 326	
11	297	610	598 5	½ 297 / 285 24 / 350	5	920	306 5	½ 17 / 5 24 / 350	
12	289	589	590 5	½ 289 / 264 50 / 400	58	148	359 5	83 / 33 50 / 400	
13	283	210	584 5	306 / 260 46 / 446	19	419	320 5	½ 42 / -19 46 / 446	
14	296	972	597 5	½ 296 / 279 34 / 480	21	431	322 5	37 / 5 32 / 478	
15	266	647	567 5	276 / 256 20 / 500	44	916	345 5	55 / 33 22 / 500	
16	138	629	439 5	140 / 136 4 / 504	185	631	486 5	187 / 183 4 / 504	
BM. 111-55								504	B.M. 111-55
	4509	809			553	412		1008	PINE CYN. RD. 0.55M. S.E. OF
	553	412							3 POINTS RD.
+	3956	397							SEE F.B. 2437-67

WEATHER CLOUDY T=70° INST. NO. 96716

TIME 1:00 TO 1:45 ROD NO. 1713A & B

NOTES CHKD. L. R. M. DATE 27 NOV 72

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OHASHI 10-17-72

INDEXED G. D. BAILEY DATE

F.B. 4125 PG. 112

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-56 TO BM. 111-57
BM. 111-56									B.M. 111-56
1.	13	011	314 5	½ 28 13 30	202	280	503 5	217 187 30	PINE CY'N RD. & THREE POINTS RD. SEE F.B. 2437-68
2.	88	869	389 5	103 73 30	262	678	563 5	228 246 32	
3.	14	371	315 5	½ 30 14 60 32 92	295	611	596 5	½ 295 280 62 30 92	⊼ R. SIEMANN
4.	27	061	328 5	42 12 30 122	272	180	573 5	288 256 32	
5.	17	419	318 5	½ 39 17 44 166	300	502	601 5	½ 300 278 124 44 168	
6.	79	953	380 5	100 58 42 208	266	000	567 5	288 244 44 212	
7.	21	399	322 5	44 -2 46 254	250	693	551 5	273 227 46 258	
8.	17	001	318 5	½ 42 17 50 304	280	433	581 5	303 257 46 304	
9.	34	171	335 5	63 5 58 362	~~300~~ 299	850	600 5	½ 299 271 56 360	
10	5	330	306 5	½ 24 5 38 400	277	895	578 5	296 258 38 398	
11.	60	241	361 5	80 40 40 440	288	430	589 5	½ 288 266 44 442	
B.M. 111-57								440 882	B.M. 111-57
	378	826			~~29~~ ~~24~~ 96	552			THREE POINTS RD. 0.5 MI. NORTH OF PINE CY'N RD. SEE F.B. 2437-69
					378	826			
					~~2545~~ -2617	726			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 10-12-72
INDEXED G.D. BAILEY DATE NOV 1 1972
WEATHER LIGHT WIND SCAT. CLOUDS T= 68°
TIME 1:00 - 1:45
NOTES CHKD L.R.M. DATE 27 NOV 72
INST. NO. 96716
ROD NO. 1713A-2
F.B. 4125 PG. 113

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-57 TO B.M. 111-56
B.M. 111-57									B.M. 111-57
1	300	041	601 5	300 / ½ 276 48	46	509	347 5	70 / 22 48	THREE POINTS RD. 0.5 MI. NORTH OF PINE CYN. RD. (N. of Ho. #47401
2	296	615	597 5	296 / ½ 277 38	4	139	305 5	22 / ½ 4 36	SEE F.B. 2437-69
3	296	643	597 5	296 / ½ 266 86 / 60	33	401	334 5	62 / 4 84 / 58	
4	292	275	593 5	292 / ½ 270 146 / 44	45	592	346 5	70 / 20 142 / 50	⊼ R. SIEMANN
5	286	855	587 5	286 / ½ 259 190 / 54	13	768	314 5	40 / ½ 13 192 / 54	
6	267	919	568 5	290 / 244 244 / 46	44	819	345 5	66 / 22 246 / 44	
7	301	970	602 5	301 / ½ 277 290 / 48	7	089	308 5	27 / ½ 7 290 / 40	
8	291	210	592 5	307 / 275 338 / 32	5	692	306 5	22 / ½ 5 330 / 34	
9	298	892	599 5	298 / ½ 282 370 / 32	29	882	330 5	50 / 8 364 / 42	
10	232	760	533 5	251 / 213 402 / 38	16	532	317 5	34 / ½ 16 406 / 36	
				440				442 / 440	
	2865	180			247	423		882	
B.M. 111-56	247	423							B.M. 111-56
	+2617	757							PINE CANYON RD. & THREE POINTS RD. SEE F.B. 2437-68

F.B. 4125 PG. 114

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 10-17-72

INDEXED G. D. BAILEY DATE

JOB NO. 0301.02

WEATHER OVERCAST INST. NO. 96717

TIME 10:55 ROD NO. 1713 A&B

NOTES CHKD L. R. M. DATE 27 NOV 72

67°

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. Dreier
NOTES BY Maldonado DATE 10-12-72
INDEXED G. D. BAILEY DATE NOV 1 1972
WEATHER Sunny & Windy
TIME 1:50 to 2:30
NOTES CHKD L. R. M. DATE 27 NOV 72
T-68°
F.B. 4125 PG. 115
INST. NO. 9671
ROD NO. 17/3A

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM111-57 TO BM111-58
B.M.111-57									BM 111-57
1	61	643	362 5	92 30 62	293	000	594 5	293½ 263½ 60	Three Points Rd. & 0.15 mi. N'ly. of
2	6	849	307 5	25½ 8½ 34	277	805	578 5	295 259 36	CIRCLE "C" Ranch gate (No. 4740)
3	25	040	326 5	46 4 96 42	287	137	588 5	287½ 266½ 96 42	See F.B. 2437-67
4	30	593	331 5	51 9 138 42	253	320	554 5	274 232 138 42	R-T. Ohashi
5	31	055	332 5	51 11 180 40	270	390	571 5	290 250 180 40	
6	39	873	340 5	60 18 220 42	230	510	531 5	251 209 220 42	
7	61	452	362 5	86 36 262 50	224	260	525 5	252 196 262 56	
8	11	463	312 5	36½ 11½ 312 50	297	560	598 5	297½ 275½ 318 44	
9	51	880	352 5	65 37 362 28	226	392	527 5	240 212 362 28	
				390				390	
	319	848			2360	374		390	
					319	848		780	
					2040	526			
BM 111-58									BM 111-58
									Three Points Rd., & 0.1 mi. N'ly. of Mail
									Box # 4780 ~~1~~ ~~93532~~
									See F.B. 2437-70

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 111-58 TO BM 111-57
BM 111-58									BM 111-58
1	271	710	572 5	291 251 40	21	400	322 5	40 2 38	Three Points Rd., & N. of Ho. #47801 see F.B. 2437-70
2	290	730	591 5	290 ½ 265 50	71	388	372 5	96 46 50 88	
3	274	740	575 5	303 245 90 58	51	272	352 5	80 22 58	
4	297	673	598 5	297 ½ 272 148 50	14	490	315 5	38 ½ 14 146 48	⊼ T. OHASHI
5	287	723	588 5	287 ½ 262 198 50	6	682	307 5	33 ½ 6 194 54	
6	289	948	590 5	289 ½ 264 248 50	21	149	322 5	45 ½ 21 248 48	
7	296	150	597 5	296 ½ 276 298 40	3	444	304 5	21 ½ 3 296 36	
8	284	932	585 5	284 ½ 260 338 48 386	63	305	364 5	90 36 332 54 386	
	2293	606			253	130		386 772	
B.M. 111-57	253	130							B.M. 111-57 THREE POINTS RD. N. of Ho. #47401 SEE F.B. 2437-69
	+2040	476							

T-63°

WEATHER OVERCAST INST. NO. 96716

TIME 10:15 ROD NO. 1713A&B

NOTES CHKD L. R. M. DATE 27 NOV 72

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES DREIER 10-17-72

INDEXED G. D. BAILEY DATE

F.B. 4125 PG. 116

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.

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

T-65

SURVEY BY G.E. Dreier
NOTES BY G.E. DREIER DATE 10-13-72
INDEXED G.D. BAILEY DATE NOV 1 1972
WEATHER SEAT, CLOUDS
TIME 9:50
NOTES CHKD L.R.M. DATE [illegible] NOV 72
INST. NO. 96716
ROD NO. 1713A[illegible]
F.B. 4125 PG. 117

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 111-58 TO BM 111-59
B.M. 111-58									BM 111-58
1	79	937	380 5	110 48 62	228	134	529 5	261 195 66	Three Points Rd. N. of Ho. # 47801
2	14	422	315 5	1/2 30 14 32	279	510	580 5	294 264 30	SEE F.B. 2437-70
3	15	091	316 5	1/2 35 15 94 40	282	735	583 5	302 262 96 40	
4	64	200	365 5	88 40 134 48	190	335	491 5	214 166 136 48	
5	16	380	317 5	32 0 182 32	280	415	581 5	296 264 184 32	
6	13	960	314 5	1/2 38 13 214 50	287	870	588 5	1/2 287 262 216 50	
7	8	595	309 5	1/2 41 8 264 66	292	248	593 5	1/2 292 263 266 58	
8	17	615	318 5	1/2 42 17 330 50	273	023	574 5	298 248 324 50	
9	18	063	319 5	1/2 42 18 380 48	260	600	561 5	287 233 374 54	
				428				428	
	248	263			2374	870		428	
								856	
B.M. 111-59					248	263			B.M. 111-59
									THREE POINTS RD. 0.1 MI. N. of Ho. # 48141
					-2126	607			SEE F.B. 2437-71 (S. of # 48331)

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 BM111-59 TO BM111-58
BM 111-59									BM 111-59
1	249	459	550 5	273 / 225 48	27	042	328 5	51 / 3 48	Three Points Rd., 0.1 mi. N. of Ho. # 48141 (S. of # 48331)
2	289	660	590 5	289½ / 260½ 58	28	752	329 5	56 / 0 56	See F.B. 2437-71
3	294	830	595 5	294½ 106 / 268½ 52	14	728	315 5	41½ 104 / 14½ 54	
4	262	701	563 5	286 158 / 238 48	14	359	315 5	39½ 158 / 14½ 50	X - T. Ohashi
5	280	450	581 5	295 206 / 265 30	10	013	311 5	25½ 208 / 10½ 30	
6	268	015	569 5	297 236 / 239 58	59	049	360 5	87 238 / 31 56	
	1645	115			153	943			
7	267	710	568 5	288 294 / 246 42	25	945	326 5	46 294 / 4 42	
8	293	637	594 5	293½ 336 / 278½ 30	39	110	340 5	54 336 / 24 30	
9	226	075	527 5	258 366 / 194 64	86	878	387 5	117½ 366 / 86½ 62	
				430				428	
								430	
	2432	537			305	876		858	
	305	876							
BM111-58	+2126	661							BM 111-58
									Three Pts. Rd., N. of Ho. # 47801
									See F.B. 2437-70

T-68°

WEATHER Overcast INST. NO. 96716

TIME 2:20 to 4 R.M. ROD NO. 1713A&B

NOTES CHKD. DATE 27 NOV 72

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 10-16-72

INDEXED G. D. BAILEY DATE

F.B. 4125 PG. 118

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 CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 10-13-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER LT. WIND, CLEAR INST. NO. 96716

TIME 10:40 ROD NO. 1713AD

NOTES CHKD L.R.M. DATE 27 NOV 72

F.B. 4125 PG. 119

T = 72°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-59 TO B.M. 111-60
B.M. 111-59									B.M. 111-59 S. OF HO# 48331
1	39	437	340 5	61 19 42	244	553	545 5	266 222 44	THREE POINTS RD. 0.1 MI. N. OF HO# 48141
									SEE F.B. 2437-71
2	4	718	305 5	1/2 32 4 56 98	285	812	586.5	1/2 285 257 56 100	
3	20	020	321 5	1/2 57 20 74 172	300	326	601.5	1/2 300 264 72 172	
4	7	291	308 5	1/2 34 7 54 226	280	946	581.5	308 252 56 228	
5	11	342	312 5	1/2 37 11 52 278	281	209	582.5	309 255 44 272	π = MALDONADO
6	7	141	308 5	1/2 25 7 36 314	~~264~~ 246	802	547 5	264 228 36 308	
7	28	620	329 5	54 2 52 366	245	700	546 5	275 215 60 368	
8	47	651	348 5	80 14 66 432	273	798	574 5	308 240 68 436	
9	48	218	349 5	73 23 50 482	281	357	582 5	304 258 46 482	
B.M. 111-60								482	B.M. 111-60
	214	438			2440	503		964	THREE POINTS RD. 0.8 MI. S. OF LANCASTER RD.
					214	438			SEE F.B. 2437-72
					-2226	065			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4125 PG. 120 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-16-72

INDEXED G. D. BAILEY DATE

WEATHER CLOUDY INST. NO. 76716

TIME 1:55 TO 2:20 ROD NO. 71343B

NOTES CHKD E. R. M. DATE 27 NOV 72

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. 111-60 TO B.M. 111-59
B.M. 111-60									B.M. 111-60
1	295	318	516	5 295 / 268 54	25	677	326	5 54 / -2 56	THREE POINTS RD. 0.8 MI. S. OF LANCASTER RD.
									SEE F.B. 2437-72
2	251	399	552	5 280 / 222 58 / 112	68	483	369	5 97 / 39 58	
3	267	147	568	5 300 / 234 66 / 178	18	763	319	5 50 / 18 64	114
4	297	729	598	5 297 / 276 42	31	870	332	5 52 / 10 42	178
5	268	033	569	5 292 / 244 48 / 220	50	023	351	5 73 / 27 46	220
									T = MALDONADO
6	284	891	585	5 308 / 262 46 / 268	28	376	329	5 50 / 6 44	266
7	284	582	585 / ~~575~~	5 284 / 253 62 / 314	31	628	332	5 62 / 0 62	310
8	290	447	591	5 290 / 257 66 / 376	5	246	306	5 38 / 5 66	372
9	266	721	567	5 285 / 247 38 / 442	20	321	321	5 46 / 20 52	438
				480					490
B.M. 111-59									480
	250	267			280	387			970
	280	387							
	+ 225	880							

B.M. 111-59

THREE PTS. RD. & HO. # 48331

SEE F.B. 2437-71

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 CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 70°
SURVEY BY G.E. DREIER WEATHER CT. WIND
NOTES BY SIEMANN DATE 10-13-72 TIME 11:30 INST. NO. 26716
INDEXED G.D. BAILEY DATE NOV 1 1972 NOTES CHKD. L.R.M. DATE 27 NOV 72 ROD NO. 17248
F.B. 4125 PG. 121

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 111-60 TO B.M. 111-61
B.M. 111-60											B.M. 111-60
1	70	921	371	5	87 53 34	256	087	557	5	273 239 34	THREE PTS. RD. 0.8 MI. S. OF LANCASTER RD.
2	15	908	316	5½	40 15 50 84	281	477	582	5	306 257 49	SEE F.B. 2437-72
3	46	155	347	5	69 23 46 130	181	338	482	5	204 158 46 129	
4	236	420	537	5	248 224 24 154	5	722	306	5½	17 5 24 153	
5	267	091	568	5	278 256 22 176	42	051	343	5	53 31 22 175	T = MALDONADO
6	256	021	557	5	269 243 26 202	55	559	356	5	68 42 26 201	
7	240	896	541	5	266 214 52 254	228	430	529	5	255 201 54 255	
8	26	361	327	5	49 3 46 300	294	391	595	5	294 272 44 299	
9	84	788	385	5	97 71 26 326	181	309	482	5	195 167 28 327	
B.M. 111-61										326	B.M. 111-61
	1244561					1526364				653	THREE POINTS RD. 0.4 MI. S. OF LANCASTER RD
						1244561					SEE F.B. 2437-73
						281803					

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 76716 ROD NO. 1713 DATE 27 NOV 72

WEATHER CLOUDY TIME 1:15 TO 1:45 NOTES CHKD L.R.M.

T = 66°

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

SURVEY BY DREIER NOTES SIEMANN 10-16-72

INDEXED G. D. BAILEY DATE

F.B. 4125 PG. 122

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS. FROM B.M. 111-61 TO B.M. 111-60
B.M. 111-61													B.M. 111-61
1	245	360	546	5	268 222	48	24	071	325	5	46 2	44	THREE PTS. RD. 0.4 MI. S. OF LANCASTER RD.
													SEE F.B. 2437-73
2	281	371	582	5	307 255	52	112	651	413	5	139 85	54	
						100						98	
3	113	702	414	5	128 98	30	237	397	538	5	252 222	30	
						130						128	
4	26	652	327	5	41 11	30	299	523	600	5	299 285	28	
						160						156	
5	5	291	306	5	21 5	32	298	352	599	5	298 280	36	T = MALDONADO
						192						192	
6	201	840	502	5	230 172	58	10	968	311	5	40 10	80	
						250						252	
7	290	085	591	5	290 265	50	20	168	321	5	44 20	48	
						300						300	
8	228	154	629	5	239 217	22	106	800	407	5	117 95	22	
						322						322	
B.M. 111-60	9											322	B.M. 111-60
	1322455						1109930					644	THREE PTS. RD. 0.8 MI. S. OF LANCASTER RD. SEE. F.B. 2437-72
	1109930												
	+ 282525												

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 5.2

SURVEY BY G.E. DREIER DATE 10-20-72 WEATHER OVERCAST INST. NO. 96716

NOTES BY G.E. DREIER TIME 9:55 TO 10:30 ROD NO. 17134-B

INDEXED G.D. BAILEY DATE NOV 1 1972 NOTES CHKD L.R.M. DATE 27 NOV 72

F.B. 4125 PG. 123

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM. 111-60 TO B.M. 111-61
B.M. 111-60									B.M. 111-60
1	14	890	315	5 ½ 41 14 54	297	292	598	5 ½ 297 272 50	THREE FINGERS RD. 0.8 MI. S. OF
									LANCASTER RD.
2	15	071	316	5 ½ 40 15 50	266	904	567	5 291 241 50	SEE F.B. 2437-72
				104				100	
3	91	427	392	5 108 74 34	85	343	386	5 105 65 40	
				138				140	
4	255	541	556	5 264 246 18	64	390	365	5 74 54 20	RERUN
									π J. MALDONADO
				156				160	
5	275	790	576	5 287 263 24	58	171	359	5 68 48 20	
				180				180	
6	270	836	571	5 284 256 28	70	001	371	5 85 55 30	
				208				210	
7	184	213	485	5 212 156 56	268	019	569	5 296 240 56	
				264				266	
8	4	233	305	5 ½ 34 4 60	284	403	585	5 ½ 284 256 56	
				324				322	
								324	
								646	
	1112	004			1394	523			
B.M. 111-61					1112	001			B.M. 111-61
					-282	522			THREE POINTS RD., 0.4 MI. S. OF
									LANCASTER RD.
									SEE F.B. 2437-73

76P526 CE # 308 3-61

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

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 70°

SURVEY BY G.E. DREIER NOTES BY SIEMANN DATE 10-13-72 WEATHER WINDY INST. NO. 96716

INDEXED G.D. BAILEY DATE NOV 1 1972 TIME 1:15 TO 1:50 ROD NO. 1713A

NOTES CHKD L.R.M. DATE 27 NOV 72

F.B. 4125 PG. 125

DESCRIPTION AND REMARKS

FROM B.M. 111-61 TO B.M. 111-62

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 111-61									B.M. 111-61
1	78	610	379 5	98 58 40	196	968	497 5	216 176 40	THREE PTS. RD. 0.4 MI. S. OF LANCASTER RD.
									SEE F.B. 2437-73
2	27	197	328 5	52 2 50	261	377	562 5	286 236 50	
3	38	482	339 5	57 19 38 90	273	201	574 5	290 256 34 90	
4	17	489	318 5	30 4 26 128	281	820	582 5	293 269 24 124	
5	16	051	317 5	27 5 22 154	290	550	591 5	300 280 20 148	T = MALDONADO
6	8	721	309 5½	18 8 20 174	299	561	600 5	½299 ½289 20 168	
7	46	127	347 5	54 38 16 190	291	353	592 5	303 279 24 188	
8	22	682	323 5	41 3 38 212	235	502	536 5	254 216 38 212	
9	36	309	337 5	68 4 64 250	278	372	579 5	278 245 66 250	
10	86	888	387 5	107 65 42 314	239	972	540 5	½259 ½239 40 316	
B.M. 111-62				356				356	B.M. 111-62
	378	556			2648676			712	THREE PTS. RD. & LANCASTER RD.
					378556				SEE F.B. 2437-74
					-2270120				

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4125 PG. 126 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-16-72

INDEXED G. D. BAILEY DATE

WEATHER CLOUDY INST. NO. 96716

TIME 11:20 TO 11:50 ROD NO. 71348

NOTES CHKD. L.R.M. DATE 27 MAY 72

T = 62°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA		DESCRIPTION AND REMARKS
											FROM B.M. 111-62 TO B.M. 111-61
B.M. 111-62											B.M. 111-62
1	281	988	582	5	328 / 281 60	49	229	350	5	79 / 19 60	THREE PTS. RD. & LANCASTER RD.
											SEE F.B. 2437-74
2	273	472	574	5	306 / 242 64 / 124	42	752	343	5	73 / 11 62 / 122	
3	255	065	556	5	269 / 241 28 / 52	4	288	305	5	18 / 4 28 / 150	
4	281	428	582	5	292 / 270 22 / 174	13	960	314	5	23 / 5 18 / 168	
5	252	015	553	5	258 / 246 12 / 186	23	169	324	5	33 / 13 20 / 188	T = MALDONADO
6	264	552	565	5	273 / 255 18 / 204	45	769	346	5	55 / 35 20 / 208	
7	295	583	596	5	308 / 282 26 / 230	17	682	318	5	30 / 4 26 / 234	
8	288	841	589	5	305 / 271 34 / 264	62	150	363	5	80 / 44 36 / 270	
9	264	390	565	5	288 / 240 48 / 312	53	291	354	5	74 / 32 42 / 312	
10	222	237	523	5	244 / 200 44 / 356	97	159	398	5	119 / 75 44 / 356	
B.M. 111-61										356	B.M. 111-61
	2679	571				409	449			712	THREE PTS. RD. 0.4 MI. S. OF LANCASTER RD.
	409	449									SEE F.B. 2437-73
+	2270	122									

76P526 CE # 308 3-61

PLEASE RETURN TO
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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 T. OHASHI DATE 10-13-72 WEATHER CLEAR-WINDY T=72° INST. NO. 96716

NOTES BY G. D. BAILEY DATE NOV 1 1972 TIME 1:50 - 2:03 ROD NO. 713A

INDEXED DATE NOTES CHKD. L. R. M. DATE 22 NOV 72

F.B. 4125 PG. 127

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-62 TO B.M. 102-61
B.M. 111-62									B.M. 111-62
1	37	~~420~~ 171	338 5	½ 68 37 62	218	863	519 5	249 187 62	LANCASTER RD. & THREE POINTS RD. SEE F.B. 2437-74
2	157	900	458 5	184 130 54	69	060	370 5	96 42 54	
3	190	072	491 5	214 166 116 48 164	182	438	483 5	205 159 116 46 162	⊼ R. SIEMANN
B.M. 102-61								164	#104-A B.M. 102-61 (L.A. CITY DEPT W&P)
	385	143			470	361		326	LANCASTER RD. & L.A. CITY AQUEDUCT SEE F.B. 2412-65
					385	143			
					-85	218			
			RERUN	10-16-72	TEMP 62°			11:00	
B.M. 111-62									
1	73	980	374 5	104 42 62	270	971	571 5	304 236 68	
2	198	739	499 5	226 170 56 118	88	195	389 5	116 60 56 124	
3	187	229	488 5	208 166 42 160	185	852	486 5	203 167 36 160 160	
	459	948			545	018		320	
					459	948			
					-85	070			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

SURVEY OF L.A. Co. PRELIM. | FIXED NET
SURVEY BY G.E. PREIER NOTES T. OHASHI 10-13-72
INDEXED G. D. BAILEY DATE
JOB NO. 03001.02
F.B. 4125 PG. 128

WEATHER CLEAR-WINDY INST. NO. 96716
TIME 2:05 ROD NO. 17/3A&B
NOTES CHKD L.R.M. DATE 2-27-MW 72

T= 72°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 102-61 TO B.M. 111-62
BM. 102-61													B.M. 102-61 (CITY L.A. WATER 104A)
1	181	292	482	5	204 158	46	189 8	970	489	5	212 164	48	LANCASTER RD. & L.A. CITY AQUEDUCT
													SEE F.B. 2412-65
2	62	833	363	5	92 32	60	147	111	448	5	176 118	58	
						106						106	
3	205	791	506	5	235 175	60	28	800	329	5	½ 55 28	54	π R-SIEMANN
						166						160	
B.M 111-62												166	B.M. 111-62
	449	916					364	881				326	LANCASTER RD & THREE POINTS RD.
	364	881											SEE F.B. 2437-74
	+85	035											

76P526 CE # 308 3-61

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

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM. 111-62 TO BM. 102-62
BM. 111-62									B.M. 111-62
1	93	730	394 5	125 61 64	113	191	414 5	144 82 62	LANCASTER RD & THREE POINTS RD. SEE F.B. 2437-74
2	198	051	499 5	230 166 64 128	127	500	428 5	159 95 64 126	
3	181	501	482 5	212 150 62 190	148	682	449 5	180 116 64 190	⊼ R. SIEMANN
4	153	160	454 5	185 121 64 254	151	000	452 5	184 118 66 256	
5	153	251	454 5	178 128 50 304	141	590	442 5	163 119 44 300	
B.M. 102-62								304	B.M. 102-62
	779	693			681	963		604	LANCASTER RD (STATE HWY #138) 0.35 MI. WEST OF 260TH ST. W. SEE F.B. 2412-66
	681	963							
	+ 97	730							

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

SURVEY BY G. E. DREIER

NOTES BY T. OHASHI DATE 10-13-72

INDEXED G. D. BAILEY DATE NOV 1 1972

WEATHER Clear-Wind T=72 INST. NO. 96716

TIME 2:15 - 2:30 ROD NO. 1713A-45

NOTES CHKD L. R. M. DATE 27 NOV 72

F.B. 4125 PG. 129

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-62 TO B.M. 111-62
B.M. 102-62									B.M. 102-62
1	147	192	448 5	185 109 76	156	572	457 5	194 118 76	LANCASTER RD (STATE HWY #138) 0.35
									MI. W. OF THREE POINTS RD. (260th W)
2	150	601	451 5	183 117 66	162	748	463 5	196 128 68	SEE F.B. 2412-66
				142				144	
3	132	053	433 5	172 92 80	185	399	486 5	225 145 80	
				222				224	
4	137	075	438 5	173 101 72	159	851	460 5	195 123 72	⊼ R. SIEMANN
				294				296	
								294	
	566	921			664	570		590	
B.M. 111-62					566	921			B.M. 111-62
									THREE POINTS RD. & Hwy 138
					-97	649			SEE F.B. 2437-74

64°

WEATHER THIN OVERCAST INST. NO. 96216

TIME 10:30 ROD NO. 1713 A&B

NOTES CHKD L. R. M. DATE 27 NOV 72

F.B. 4125 PG. 130 JOB NO. 0301.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 10-16-72

INDEXED G. D. BAILEY DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER
INDEXED G.D. BAILEY
DATE 8-29-72
DATE NOV 1 1972
NOTES CHKD
DATE
WEATHER SCAT CLOUDS 94°
TIME 10:20
INST. NO 96714
ROD NO 1713A-B
F.B. 4125 PG. 131

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	151	720	452 5	~~153~~ 149 4	201	407	502 5	~~228~~ 174 54	54M- 4M= M-0.20 mm
2	156	652	457 5	~~158~~ 154 4	106	855	407 5	~~132~~ 79 54	54M- 44M= M=0.20 mm
	308	372		8	308	262		108	
	308	222				0.40 mm			
	+	150			-0.	mm		-8	Curvature Corr.=0.40 mm
					308	222			
	+	0.015		mm= "C"					
	1001	1.50 mm							
								mm= "C"	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
	NEAR ROD				FAR ROD				
1	157	307	458 5	159 155 4	149	479	450 5	176 122 54	54 M. - 4 M. = 50 M. = 0.20 MM
2	152	502	453 5	154 150 4	160	521	461 5	187 133 54	54 M - 4 M = 50 M. = 0.20 MM
	309	809			~~040~~			108	
				8	310	000		8	CUR. CORR = 0.40 MM.
					-	041		100	
					309	959			
					309	809			
						150			
					- .015 M.M = "C"				
					100/150				

T: 86°

WEATHER OVERCAST INST. NO. 9671

TIME 10:50 TO 11:00 ROD NO. 1713

NOTES CHKD ____ DATE ____

F.B. 4125 PG. 132 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIEX NOTES SIEMANN 8-30-72

INDEXED G. D. BAILEY DATE ____

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=94°
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 8-31-72
INDEXED G.D. BAILEY DATE NOV 1 1972
WEATHER CLEAR, SUNNY
TIME 9:10 TO 9:15
NOTES CHKD
INST. NO. 76716
ROD NO. 1713AB
DATE
F.B. 4125 ~~2437~~ PG. 133

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	162	515	463 5	164 160 4	113	695	414 5	155 71 84	84 M- 4 M= 80 M-0.40 mm
2	161	233	462 5	163 159 4	210	061	511 5	252 128 84	84 M- 4 M= 80 M=0.40 mm ~~0.80~~
	323	748			323	756		168	
	323	676		8	-	0.80 mm			
	+	072			~~-0.~~	~~mm~~		8	Curvature Corr.=0.80 mm
					323	676		160	
					-				

+0.004 mm= "C"
160/0.72

mm= "C"

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
		DETER							
1	163	160	464 5	165 161 4	114	192	415 5	155 73 82	82 M - 4 M = 78 M = 0.40 mm
2	161	672	462 5	163 159 4	210	598	511 5	251 169 82	82 M - 4 M = 78 M = 0.40 mm
	324	832		8	324	790		164	
	~~324~~	~~790~~				080			CUR. CORR. = 0.80 mm
	324	710			324	710		8	
		122						156	

+0.008 mm = "C"

156) 1.22 mm

124 8

+28

T = 86°

WEATHER CLEAR INST. NO. 96716

TIME 9:30 TO 9:40 ROD NO. 1713

NOTES CHKD. DATE

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIEX NOTES SIEMANN 9-1-72

INDEXED G. D. BAILEY DATE

F.B. 4125 ~~2457~~ PG. 134

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=80
SURVEY BY G.E. DREIER WEATHER LT. BREEZE INST. NO 96716
NOTES BY SIEMANN DATE 9-5-72 TIME 9:50 TO 10:00 ROD NO 1713AB
INDEXED G.D. BAILEY DATE NOV 1 1972 NOTES CHKD DATE
F.B. 4125 PG. 135

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	148	608	449	150 146 4	134	055	435 5	161 107 54	54 M- 4 M= 50 M-0.20 mm
2	160	487	461	162 158 4	175	072	476 5	~~148~~ ~~476~~ 202 148 54	54 M- 4 M= 50 M=0.20 mm
	309	095			309	127		108	
	309	087		8		040			
	+	008			-0.	mm		8	Curvature Corr.=0.40 mm
					309	087		100	

+ .0008 mm= "C"
100 / 0.080

mm= "C"

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	150	268	451 5	152 148 4	135	728	436 5	162 108 54	54M - 4M = 50M = 0.20 MM
2	156	607	457 5	158 154 4	171	168	472 5	198 144 54	54M - 4M = 50M. = 0.20 MM
	306	875		8	306	896		108	
	306	856				040			CUR. CORR. = 040 mm
		019			306	856		8	
								100	

+ .002 mm = "C"

100) 0.19

F.B. 4125 PG. 136

JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-6-72

INDEXED G. D. BAILEY DATE

WEATHER CLOUDY INST. NO 96716

TIME 9:45 TO 9:55 ROD NO 1713

NOTES CHKD DATE

T = 80°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY A.L. GOBLE DATE 9-7-72
INDEXED G.D. BAILEY DATE NOV 1 1972
WEATHER SUNNY WINDY
TIME 9.45
NOTES CHKD
INST. NO 96716
ROD NO 713A&B
DATE
F.B. 4425 PG 137
T 76

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	138	543	439 5	140 136 4	134	180	435 5	161 107 54	54 M- 4 M= 50 M-0.20 mm
2	154	423	455 5	156 152 4	158	889	459 5	185 131 54	54 M- 4 M= 50 M=0.20 mm
	292	966		8	293	069		108	
						040			
	+				-0.	mm		8	Curvature Corr.=0.40 mm
					293	029		100	
					292	966			
					-	063			

/ mm= "C"

.006 mm= "C"
100 / 0.63

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	150	611	451 5	152 148 4	207	331	508 5	234 180 54	54M - 4M = 50 M = 0.20 mm
2	144	956	445 5	146 142 4	88	227	389 5	115 61 54	54M - 4M = 50 M. = 0.20 mm
	295	567		8	295	558		108	
-	295	518			-	040 mm		8	CUR CORR. = 0.40 mm
		049			295	518		100	

+ .005 MM = "C"

100) 0.490

T = 70°

WEATHER CLEAR INST. NO. 9671C

TIME 9:50 TO 10:00 ROD NO. 1713A

NOTES CHKD. _____ DATE _____

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES 9-8-72

INDEXED G. D. BAILEY DATE _____

F.B. 4425 PG. 138

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY MALDONADO DATE 9-11-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER WINDY

TIME 10:00 to 10:10

NOTES CHKD

DATE

INST. NO 96716

ROD NO 713AB

F.B. ~~2437~~ 4125 PG. 139

T=68°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	142	673	443 5	144 140 4	199	359	500 5	226 172 54	54 M- 4 M=50 M-0.20mm
2	131	585	432 5	133 129 4	74	921	375 5	101 47 54	54 M- 4 M=50 M=0.20mm
	274	258			274	280		108	
	274	240		8		040			
	+	018			-0.	mm		8	Curvature Corr.=0.40mm
					274	240		100	
					-				
	+	.002	mm= "C"						
	100/	0.180							
							mm= "C"		

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	157	708	458 5	159 155 4	214	357	515 5	241 187 54	54 M - 4 M = 50 M = 0.20 mm
2	150	112	451 5	152 148 4	93	441	394 5	120 66 54	54 M - 4 M = 50 M = 0.20 MM
	307	820			~~040 mm~~			108	
	307	758		8	307	798		- 8	CUR. CORR. = 040 mm
		062			-	040 mm		100	
					307	758			
	+ .006 MM = "C"								
	100) 0.620								

T = 70°

WEATHER CLEAR INST. NO. 9671

TIME 10:10 TO 10:20 ROD NO. 170

NOTES CHKD ____ DATE ____

F.B. 4125 ~~2437~~ PG. 140 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-12-72

INDEXED G.D. BAILEY DATE ____

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 80°
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO 96716
NOTES BY G.E. DREIER DATE 9-13-72 TIME 9:30 ROD NO 1713A-E
INDEXED G.D. BAILEY DATE NOV 1 1972 NOTES CHKD DATE

F.B. 4125 PG. 141

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	145	830	446 5	147 143 4	163	492	464 5	190 136 54	54M- 4 M= 50 M-0.20 mm
2	154	501	455 5	156 152 4	136	812	437 5	163 109 54	54M- 4 M= 50 M=0.20 mm
	300	331		8	300	304		108	
	300	264				040			
	+	067			-0.	mm		-8	Curvature Corr.=0.40 mm
					300	264		100	
	+	0.007		mm= "C"					
	1001	0.67							
								mm= "C"	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
1	144	368	445 5	146 142 4	162	083	463 5	189 135 54	54 m. -4 m = 50 M = 0.20 mm
2	150	813	451 5	152 148 4	133	093	434 5	160 106 54	54 m -4 m. = 50 M = 0.20 mm
	295	181		8	295	176		108	COR. CORR. 040
						040		- 8	
	295	136			295	136		100	
		045							
	+ 0.004 mm = "C"								
	100	045							

F.B. 4125 PG. 142 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-14-72

INDEXED G. D. BAILEY DATE

WEATHER 80° BREEZE SCAT. CLOUDS INST. NO. 96716

TIME 10:00 ROD NO. 1713A

NOTES CHKD. DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 9-15-72
INDEXED G.D. BAILEY DATE NOV 1 1972
WEATHER 72° CLEAR-CALM TIME 8:15
NOTES CHKD DATE
INST. NO 96716
ROD NO. 17134-B
F.B. 4125 PG. 143

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	143	332	444 5	145 / 141 4	157	089	458 5	184 / 130 54	54 M- 4 M= 50 M-0.20 mm
2	147	872	448 5	149 / 145 4	134	298	435 5	161 / 107 54	54 M- 4 M= 50 M=0.20 mm
	291	204		8	291	387		108	
	+					040			
					-0.	mm		-8	Curvature Corr.=0.40 mm
					291	347		100	
					291	204			
					-	143			
				mm= "C"					
	1								
					- 0.014			mm= "C"	
					100	1.43 mm			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	150	302	451 5	152 148 4	180	780	481 5	206 154 52	52M - 4M = 48m = 0.20mm
2	141	333	442 5	143 139 4	111	010	412 5	138 84 54	54m - 4m = 50m = 0.20mm
	291	635		8	291	790		106	
					~~291~~	~~635~~		8	CUR. CORR. 0.40mm
					-	040		98	
					291	750			
					291	635			
				-		115			

- 0.012 mm = "C"

98) 115 mm
98
170

F.B. 4125 PG. 144

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OHASHI 9-18-72

INDEXED G.D. BAILEY DATE

JOB NO. 0301.02

WEATHER CLEAR-WINDY INST. NO. 96716

TIME 1:30 ROD NO. 1713 Ag

NOTES CHKD DATE

T2 74

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREVER
NOTES BY T. Ohashi DATE 9-20-72 TIME
INDEXED G.D. BAILEY DATE NOV 1 1972 NOTES CHKD DATE
WEATHER Clear-Breezy INST. NO 96716 ROD NO. 17136
F.B. 4125 PG. 145
T2-70

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	144	432	445 5	146 142 4	164	695	465 5	191 137 54	54M- 4 M= 50M=0.020mm
	149	425	450 5	157 147					
2	~~129~~	~~263~~	~~430 5~~	~~156 102 4~~	129	263	430 5	156 102 54	M- 4 M= 50 M=0. mm
	~~273~~	~~695~~		8	293	958		108	
	293	857				040			
	+				-0.	mm		8	Curvature Corr.=0. mm
					293	918		100	
					293	857			
					-	061			

mm= "C"

0.006 mm= "C"
100/0.61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						
	NEAR ROD				FAR ROD				
1	145	720	446 5	147 / 143 4	165	958	466 5	192 / 138 54	54 M − 4 M = 50 M = 0.020 mm
2	152	422	453 5	154 / 150 4	132	192	433 5	159 / 105 54	54 M − 4 M = 50 M = 0.020 mm
	298	142		8	298	150		108	
	298	110				040		− 8	
		032			298	110		100	CUR. CORR. = 0.040 mm

+ 0.003 mm = "C"

100) 0.32

F.B. 4125 PG. 146 JOB NO. 0301.02

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

SURVEY BY G.E. DREIER NOTES T. OHASHI 9-19-72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR-BREEZY INST. NO. 96-216

TIME 10:00 - 10:10 ROD NO. 1763 ASH

NOTES CHKD DATE

T = 70

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G. E. DREIER

NOTES BY A. L. GOBLE DATE 9-21-72

INDEXED G. D. BAILEY DATE NOV 1 1972

WEATHER

TIME

NOTES CHKD

DATE

T = 82

F.B. 4125 PG. 147

INST. NO. 96716

ROD NO. 1763 A&B

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	15.2	290	453 5	154 150 4	126	149	427 5	153 99 54	54 M- 4 M=50 M=0.20 mm
2	144	415	445 5	144 142 4	170	690	471 5	197 143 54	54 M- 4 M= 50 M=0.20 mm
	296	705		8	296	839		108	
						040			
	+				-0.	mm		- 8	Curvature Corr.=0.40 mm
					296	799		100	
					296	705			
					-	094			

mm= "C"

0.009 mm= "C"

100 / 0.94

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER OVER CAST INST. NO. 9671

TIME ROD NO. 713A

NOTES CHKD. DATE

T = 82

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
	NEAR ROD				FAR ROD				
1	156	700	457 5	158 154 4	130	540	431 5	157 103 54	54 M - 4 M = 50 M = 0.50 MM
2	152	931	453 5	154 150 4	179	210	480 5	206 152 54	54 M - M = M = MM
	309	631		8	309	750		108	
						040			
					309	710		8	CURVETURE CORR = 0.
					309	631		100	
						.079			
						0.0079		MM	
					100	0.79			

F.B. 4125 PG. 148 JOB NO. 0301.02

SURVEY OF

SURVEY BY DREYER NOTES GOBLE 7-22-72

INDEXED D. BAILEY DATE

'6P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
				156				82	
1	154	343	455 5	152 4	55	275	356 5	28 54	54 M- 4 M= 50 M=0.20 mm
				171				295	
2	169	635	470 5	167 4	268	860	569 5	241 54	54 M- 4 M= 50 M=0.20 mm
	323	978		8	324	135		108	
						040		8	
	+				-0.	mm			Curvature Corr.=0.40mm
					324	095		100	
					323	978			
					-	117			

mm= "C"

- .010 mm= "C"
100 / 1.170

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-66°
SURVEY BY G.E. Dreier WEATHER Sunny & Windy INST. NO. 96716
NOTES BY Maldonado DATE 9-25-72 TIME 10:00 ROD NO. 1713 [illegible]
INDEXED G.D. BAILEY DATE NOV 1 1972 NOTES CHKD ____ DATE ____

F.B. 4125 PG. 149

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 71348 DATE

WEATHER WINDY-CLEAR TIME 9:30 NOTES CHKD

62°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
1	155	572	456 5	157 153 4	154	755	455 5	181 127 54	54 m - 4m = 50 m = 0.20 mm
2	156	245	457 5	158 154 4	157	240	458 5	184 130 54	54 m - 4m = 50 m = 0.20 mm
	311	817		8	311	995		168	
						0 40		-8	CURVAT 0.40 mm
								160	
					311	955			
					311	817			
						138			
					-0.014 mm = "C"				
					100	138			

F.B. 4125 PG. 150

SURVEY OF L.A.Co. Precise Level Net JOB NO. 0301.02

SURVEY BY Dreier NOTES DREIER 9-26-72

INDEXED G. D. BAILEY DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=76°
SURVEY BY G.E. DREIER WEATHER BREEZE INST. NO 96716
NOTES BY SIEMANN DATE 9-27-72 TIME 9:45 TO 9:55 ROD NO 1713AB
INDEXED G.D. BAILEY DATE NOV 1 1972 NOTES CHKD DATE

F.B. 4125 PG. 151

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	153	701	454 5	155 151 4	125	128	426 5	152 98 54	54 M- 4 M= 50 M=0.20 mm
2	130	926	431 5	132 128 4	159	610	460 5	186 132 54	54 M- 4 M= 50 M=0.20 mm
	284	627			284	738		108	
				8		040			
	+				-0.	mm		8	Curvature Corr.=0.40 mm
					284	698		100	
					284	627			
					-	071			
				mm= "C"					
						0.007 mm= "C"			
					100 /	071			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4125 PG. 152 JOB NO. 0301.02

SURVEY OF L.A. COPPERCISE LEVEL NET

SURVEY BY DREIER NOTES T. OHASHI 9-28-72

INDEXED G. D. BAILEY DATE

T = 70°

WEATHER LIGHT WIND CLEAR INST. NO. 96716

TIME 10:00 – 10:10 ROD NO. 71341

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
	NEAR ROD				FAR ROD				
1	126	789	427 5	128 / 124 4	112	229	413 5	139 / 85 54	54 M - 4 M = 50 M = 0.020 mm
2	137	492	438 5	139 / 135 4	152	109	453 5	179 / 125 54	54 M - 4 M = 50 M = 0.020 mm
	264	281		8	264	338		108	
					-	040		- 8	CURVE CORR. = 0.040 mm
					264	298		100	
					264	281			
						017			
						-0.002 mm = "C"			
					1001	.0170			

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 9-29-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER OVERCAST - T=78°

TIME 10:20 - 10:25

NOTES CHKD

INST. NO. 96716

ROD NO. 1713A4

DATE

F.B. 4125 PG. 153

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	127	578	428 5	129 125 4	128	122	429 5	155 101 54	54 M- 4 M= 50 M=0.020 mm
2	136	443	437 5	138 134 4	135	911	436 5	162 108 54	54 M- 4 M= 50 M=0.020 mm
	264	021		8	264	033		108	
	263	993				040			
	+	028			-0.	mm		-8	Curvature Corr.=0.040 mm
					263	993		100	
					-				

+ .003 mm= "C"

100 / 0.28

mm= "C"

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4125 PG. 154 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net NOTES Maldonado 10-2-72 DATE

SURVEY BY Dreier

INDEXED G. D. BAILEY

WEATHER Sunny & Breezy INST. NO. 96716

TIME 9:35 to ROD NO. 17134

NOTES CHKD DATE

T 62°

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	~~235~~ 164	400	465	5	235	871	536	5	54 M − 4 M = 50 M = 0.20 mm
				166 162 4				262 208 54	
2	156	480	457	5	85	119	386	5	54 M − 4 M = 50 M = 0.20 mm
				158 154 4				112 58 54	
	320	880		8	320	990		108 8 100	
						040 mm			
					320	950			curvature Corr = 0.40 mm
					320	880			
						0.70 mm			
							= .007 mm = "C"		
						100	0.700		

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

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

NOTES BY G.E. DREIER DATE OCT 3, 1972 TIME 10100 ROD NO. 1713A-B

INDEXED G.D. BAILEY DATE NOV 1 1972 NOTES CHKD DATE

F.B. 4125 PG. 155

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	151	525	452 5	153 149 4	131	295	432 5	158 104 54	54 M- 4 M= 50 M=0.20 mm
2	157	269	458 5	159 155 4	177	545	478 5	204 150 54	54 M- 4 M= 50 M=0.20 mm
	308	794		8	308	840		108	
	+				-0.	040 mm		-8	Curvature Corr.=0.40 mm
					308	800		100	
					308	794			
					-	006			

mm= "C"

-0.001 mm= "C"

100/0.06

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				DETERMINATION OF "C"					
		NEAR ROD				FAR ROD			
1	133	791	434 5	135 131 4	99	862	400 5	126 72 54	54 M − 5 M = 50 M = 0.020 mm
2	138	246	439 5	140 136 4	172	078	473 5	199 145 54	54 M − 5 M = 50 M = 0.020 mm
	272	037		8	271	940		108	
	271	900				040		−8	
+		137			271	900		100	CURV. CORR. = 0.040 mm
		+.014 mm = "C"							
	100	1.37							

F.B. 4125 PG. 156 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OHASHI 10-4-72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR INST. NO. 96716

TIME 10:00 − 10:05 ROD NO. 173A#13

NOTES CHKD. DATE

T = 70°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	160	270	461 5	162 158 4	69	949	370 5	96 42 54	54 M- 4 M= 50 M=0.020 mm
2	172	451	473 5	174 170 4	262	748	563 5	289 235 54	M- 4 M= M=0.020 mm
	332	721		8	332	697		108	
	332	657				040			
	+	064			-0.	mm		8	Curvature Corr.=0.040 mm
					332	657		100	
					-				
	+.006 mm= "C"								
	100/0.64								
							mm= "C"		

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

SURVEY BY G.E. DREILER

NOTES BY T. OHASHI DATE 10-5-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER Clear - Breezy T=68°

TIME 9:40 -

NOTES CHKD

INST. NO. 96116

ROD NO. 17 (3A)

DATE

F.B. 4125 PG. 157

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	129	525	430 5	131 127 4	126	678	427 5	153 99 54	54 m - 4 m = 50 m = 0.20 mm
2	139	495	440 5	141 137 4	142	108	443 5	169 115 54	54 m 4 m 50 m = 0.20 mm
				8					CURVATURE CORR. = 0.40 mm
	269	020			268	786		108	
						0.40 mm		- 8	
	268	746			268	746		100	
	100	2.74	0.027						
1	137	617	438 5	139 135 4	140	272	441 5	168 112 56	
2	131	361	432 5	133 129 4	128	512	429 5	155 101 54	↑ MALDONADO
	268	978			268	784		110	
	268	744				040		8	
	102	2.34	0.023		268	744		102	
	AFTER ADJUSTMENT								
1	131	360	432 5	133 129 4	128	621	429 5	155 101 54	
2	138	162	439 5	140 136 4	140	819	441 5	167 113 54	
	269	522		8	269	440		108	
	269	400				040		- 8	
	100	1.22	+0.012 mm = "C"		269	400		100	

F.B. 4125 PG. 158 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 10-6-72

INDEXED G. D. BAILEY DATE

WEATHER SCAT. CLOUDS LIGHT WIND INST. NO. 98716

TIME 9:45 ROD NO. 17BAB

NOTES CHKD ____ DATE ____

20°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY SIEMANN
INDEXED G.D. BAILEY
DATE 10-10-72
DATE NOV 1 1972
WEATHER CLOUDY T=60°
TIME 10:15 TO 10:30
NOTES CHKD
DATE
INST. NO 96716
ROD NO 17134B
F.B. 41125 PG. 159

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
			NEAR ROD				FAR ROD		
1	192	085	4935	194 190 4	215	604	5165	243 187 56	56 M- 4 M= 52 M=0.20 mm
2	184	772	4855	186 182 4	161	380	4625	189 133 56	56 M- 4 M= 52 M=0.20 mm
				8	376	984		112	
	376	857				040			
	+				-0.	mm		8	Curvature Corr.=0.40 mm
					376	944		104	
					376	857			
					-	087			
				mm= "C"					
						-	008mm = "C"		
					104	0870			
						832			
						38			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 ____ TO ____
	DETERMINATION OF "C"								
	NEAR		ROD	170	FAR		ROD	135	
1	168	005	469 5	166 4	108	181	409 5	81 54	54M - 4M = 50 M = 0.20 mm
				183				268	
2	181	090	482 5	179 4	241	178	542 5	214 54	54M - 4 M = 50 M = 0.20 mm
	349	095		8	349	359		108	
						040	mm	8	CURVATURE CORR. = 0.40 mm
					349	319		100	
					349	095			
						2.24			
				184				269	
1	182	110	483 5	180 4	242	167	543 5	215 54	54M - 4M = 50M = 0.20 mm
				159				124	
2	157	621	458 5	155 4	97	787	398 5	70 54	54M - 4M = 50M = 0.20 mm
	339	731		8	339	954		108	
						040	mm	8	Curvature Corr. = 0.40
					339	914		100	
					339	731			
						1.83			
						- .018 mm = "C"			
						100)1.830			

F.B. 4125 Pg. 160 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 10-11-72

INDEXED G. D. BAILEY DATE

WEATHER Hazy Sun INST. NO. 9671

TIME 10:30 ROD NO. 1713

NOTES CHKD DATE

T = 68°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 6-12-72 TIME 10:00 WEATHER 62° LT. WIND SCATT. CLOUDS INST. NO 26716
NOTES BY G.E. DREIER DATE NOV 1 1972 NOTES CHKD DATE ROD NO 1713A-B
INDEXED G.D. BAILEY
F.B. 4125 PG. 161

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	152	963	453 5	154 150 4	208	650	509 5	235 181 54	54M- 4 M= 50 M=0.20 mm
2	137	320	438 5	139 135 4	82	000	383	109 55 54	54M- 44 M= 50 M=0.20 mm
	290	283		8	290	650		108	
						0.40 mm			
	+				-0.			-8	Curvature Corr.=0.46 mm
					290	610		100	
					290	283			
					-	327			(0.033 mm = "C")
	AFTER ADJUSTMENT			100					
1	133	570	434 5	135 131 4	78	119	379 5	105 51 54	
2	150	601	451 5	152 148 4	206	139	507 5	233 179	
				mm = "C"					
	284	171		8	284	258			
						0.40			
					284	218			
					284	171			
						0.005 mm = "C"			
					100	0.47			

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF "C"								
1	159	840	460 5	161 157 4	211	788	512 5	238 184 54	54 M − 4 M = 50 M = 0.20 MM
2	145	830	446 5	147 143 4	93	990	394 5	120 66 54	54 M − 4 M = 50 M = 0.20 MM
				8					
	305	670			305	778		108	CURV. CORR = 0.40 MM
						040		−8	
					305	738		100	
					305	670			
						068			
						− 0.007 mm "C"			
					100	0.68 mm			

66°

WEATHER CLEAR WITH SCAT. CLOUDS INST. NO. 9676

TIME 9:45 ROD NO. 1713A-B

NOTES CHKD. DATE

F.B. 4125 PG. 162 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 10-13-72

INDEXED G. D. BAILEY DATE

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 10-16-72 TIME 10:25 WEATHER THIN OVERCAST INST. NO. 26716
INDEXED G.D. BAILEY DATE NOV 1 1972 NOTES CHKD DATE ROD NO. 1713A-B
67°
F.B. 4125 PG. 163

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	157	749	458 5	159 155 4	151	770	452 5	178 124 54	54 M- 4 M= 50 M=0.20 mm
2	159	821	460 5	161 157 4	165	737	466 5	192 138 54	54 M- 4 M= 50 M=0.20 mm
	317	570		8	317	507		108	
	317	467				040			
	+	103			-0.	mm		-8	Curvature Corr.=0.40 mm
					317	467		100	
		+0.010		mm= "C"					
	100/	1.03							
								mm= "C"	
						/			

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
1	153	000	454 5	155 151 4	199	739	500 5	226 172 54	54 M - 4 m = 50 m = 0.20 mm
2	148	878	449 5	150 146 4	102	416	403 5	129 75 54	" " " 0.20
	301	878			302	155		108	CURV. CORR. 0.40 mm
					-	040		-8	
					302	115			
					301	878		100	
						237			
1	151	395	452 5	153 149 4	104	868	405 5	131 77 54	54 M - 4 M = 50 M = 0.20 mm
2			5				5		M - M = M = 0.20 mm
									CURV. CORR
	NEAR ROD				FAR ROD.				
1	151	631	452 5	153 149 4	104	848	505 5	131 77 54	54 M - 4 M = 50 M = 0.20 mm
2	159	410	460 5	161 157 4	206	254	507 5	233 179 54	M - 4 M M = 0.20 mm
	311	041			311	102			
						040			CURV. CORR. 0.40 mm
					311	062			
					311	041			
					100	021	-0.002 m.m. = "C"		

63°

WEATHER OVERCAST INST. NO 9676

TIME 10:00 ROD NO 1713A

NOTES CHKD ____ DATE ____

F.B. 4125 PG. 164 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 10-17-72

INDEXED G. D. BAILEY DATE ____

76P526B CE # 308 8/68

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

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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	172	681	473 5	174 170 4	90	288	391 5	117 63 54	54M-4 M=50 M=0.20 mm
2	211	975	512 5	213 209 4	294	500	595 5	294 267 54	54 M-4 M=50 M=0.20 mm
	384	656		8	384	788		108	
						040		8	
	+				-0.	mm			Curvature Corr.=0.40 mm
					384	748		100	
					384	656			
					-	092			

mm= "C"

-.009 mm= "C"
100 / 0.92

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY T. Ohashi DATE 10-18-72
INDEXED G.D. BAILEY DATE NOV 1 1972
WEATHER Scat. Clouds INST. NO. 96716
TIME 1:50 - 2:00 ROD NO. 1713 Ad
NOTES CHKD ____ DATE ____
T-62°
F.B. 4125 PG. 165

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F.B. 4125 PG. 166 | JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES T. Ohashi 10-19-72

INDEXED G. D. BAILEY DATE

WEATHER Clear-Breeze INST. NO. 9671E

TIME 9:40 - 9:50 ROD NO. 1713A

NOTES CHKD DATE

T-56°

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	179	619	480 5	181 177 4	173	083	474 5	287 229 58	58M − 4M 54 = 0.020 mm
2	187	962	488 5	189 185 4	194	747	495 5	223 165 58	58M − 4M 54 = 0.020 mm
	367	581		8	367	830		116	
						−040		−8	Curv. Corr. 0.040 mm
					367	790		108	
					367	581			
						209			
						− .019 mm = "C"			
					108	2.09			

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER
NOTES BY DREIER
INDEXED G.D. BAILEY
DATE 10-20-72
DATE NOV 1 1972
WEATHER 52° OVERCAST
TIME 9:45
NOTES CHKD
DATE
INST. NO. 26716
ROD NO 17314-B
DATE
F.B. 4125 PG. 167

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From ____ To ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	152	638	4536	154 150 4	120	158	4215	149 93 54	54M- 4 M= 50 M=0.20 mm
2	161	250	4625	163 159 4	194	060	4955	221 167 54	M- M= M=0.20 mm
	313	888		8	314	218		108	
	+					040			
					-0.	mm		-8	Curvature Corr.=0.40 mm
					314	178		100	
					313	888			
					-	290			
				mm= "C"					
						-0.029		mm= "C"	
					100/2.90 mm				

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

Survey of L.A. Co. PRECISE LEVELING F. B. 4123 PG. 175
JN 0301.02 Tape Std °F
Surveyed by G. E. DREIER
Notes Date 6&7/1972
Indexed D. J. GALLI JUL 20 '72

JOB NO. 0301.02

L.A. CO. PRECISE LEVEL NET

PORTION OF LINE 101 (101-12 2A 70 101-143)

AVE. M TO AVE E

DESCRIPTIONS REFERENCES
F.B. 2410
F.B. 3737

DIFF. IN ELEV'S CONT. IN F.B. ~~2819-69~~ 4123-175

DREIER
MALDONADO
SIEMANN
OHASHI
McKNIGHT

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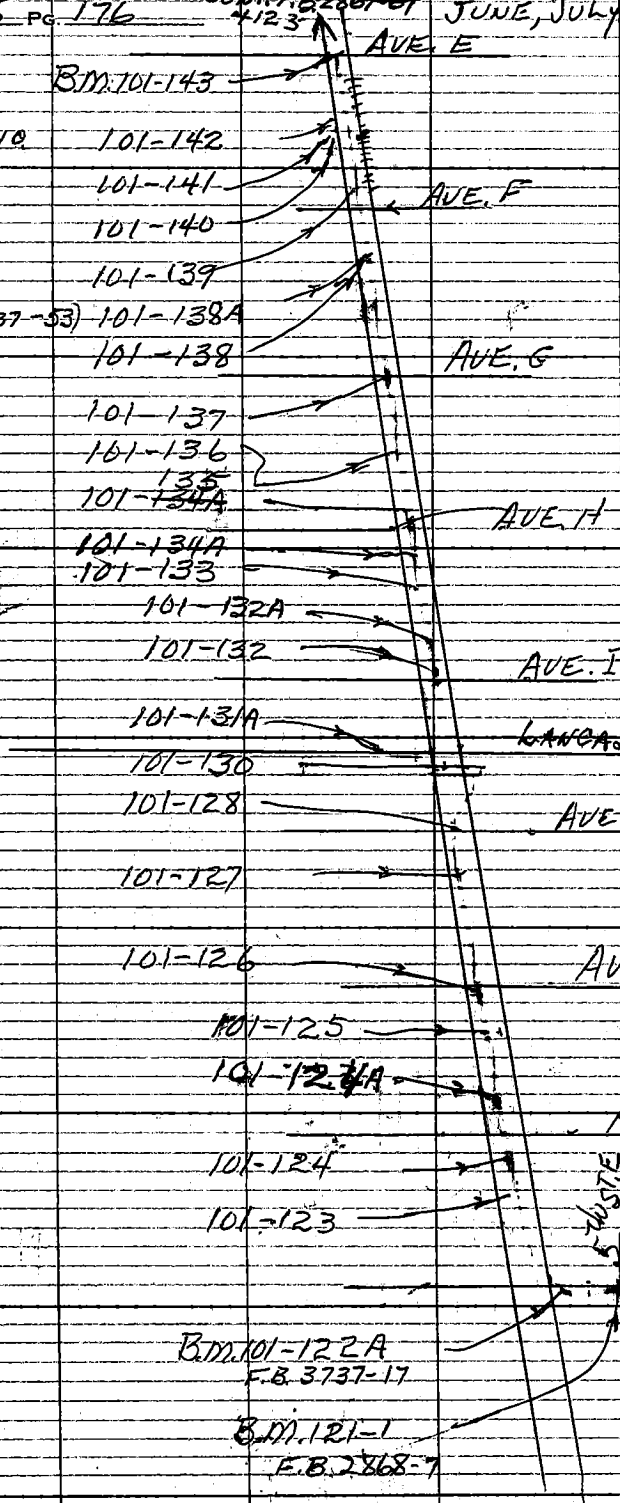
16F309S CE#310 3-69

ROUTE SKETCH, PORTION OF LINE 101

F.B. 4123 PG. 176 CONT. F.B. ~~2868-7~~ 4123 JUNE, JULY 1972 RELEVELING



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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=96°
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 6-27-72 WEATHER HAZY SUN INST. NO. 96716
TIME 1:50 TO 2:00 ROD NO. 96716
INDEXED G. J. GALLI DATE JUL 20 72 NOTES CHKD DATE
F.B. 4125 PG. 177

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM ____ TO ____
	DETERMINATION OF "C"												
	NEAR ROD						FAR ROD						
1	151	849	452	5	153 149	4	207	852	508	5	234 180	54	54 M- 4 M= 50 M=0.20 mm
2	147	589	448	5	149 145	4	91	581	392	5	[illegible]	54	54 M- 4 M= 50 M=0.20 mm
	299	438				8	298	433			118 64	108	
		393						040					
	+	055					-0.	mm				8	Curvature Corr.=0.40 mm
							299	393				100	
		+ 006			mm= "C"								
	100 /	0.55											
								/			mm= "C"		

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 4123 PG. 178 | JOB NO. 0301:02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY PREIER NOTES STEINMANN 6-28-72

INDEXED C. J. GALLI DATE

NOTES CHKD DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 9:45 TO 9:55 ROD NO. 17134

T = 92°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
	NEAR ROD				FAR ROD				
1	148	547	449 5	150 146 4	204	572	505 5	231 177 54	54 M - 4 M = 50 M = 0.240 mm
2	144	707	445 5	146 142 4	88	699	389 5	115 60 54	54 M - 4 M = 50 M = 0.240 mm
	293	254		8	293	271		108	
	293	231			-	040	mm	- 8	CUR. CORR. = 0.20 mm
		023			293	231		100	

+ .002 mm = "C"

100) 0.23

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. OKASHI DATE 6-29-72
INDEXED C. J. GALLI DATE JUL 20 72
WEATHER Clear-Dry Hot INST. NO. 8716
TIME 9:50 - 10:00 ROD NO. 1715 & 18
NOTES CHKD. DATE
T=94°
F.B. 4125 PG. 179

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	151	381	452 5	153 149 4	126	246	427 5	153 99 54	54 M- 4 M= 50 M=0.20 mm
2	152	218	453 5	154 150 4	177	334	428 5	204 150 54	M- M= M=0.20 mm
	303	599			303	580		108	
	303	540							
	+	059			-0.40 mm			8	Curvature Corr.=0.40 mm
					303	540		100	
					-				
		+.006		mm= "C"					
	100 / 0.59								
								mm= "C"	

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM _____ TO _____
	Near Rod						Far Rod.						
	Determination of C												
1	157	169	458	5	159 155	4	162	381	463	5	189 135	54	54 - 4 M = 50 M = 0.20 mm
2	157	680	458	5	159 155	4	152	472	453	5	179 125	54	54 - 4 M = 50 M = 0.20 mm
	314	849					314	853				108	
	314	813				8		040				8	Curvature Corr. = 0.40 mm
		036					314	813				100	

+ .004 mm = "C"

100) 0.360

F.B. 4125 PG. 180 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 6-30-72

INDEXED C. J. GALLI DATE

WEATHER Hazy Sun & Calm INST. NO. 96716

TIME 9:55 ROD NO. 171344

NOTES CHKD DATE

T-100°

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
				154 ~~4~~				156	
1	152	069	453 5	150 4	129	639	430 5	102 54	54 M- 4 M= 50 M=0.20 mm
				156				204	
2	154	742	455 5	152 4	177	251	478 5	150 54	54 M- 4 M= 50 M=0.20 mm
	306	811		8	306	890		108	
						040		8	
	+				~~-0.~~	~~mm~~			Curvature Corr.=0.40 mm
					306	850		100	
					306	811			
					-	039			
				mm= "C"					
					-	.004		mm= "C"	
					100	0.39			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-99°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 7-5-72 WEATHER Hazy Sun Light Br. INST. NO. 96716
INDEXED C. J. GALLI DATE JUL 20 72 TIME 10:05 ROD NO. 1113 AE 3
NOTES CHKD. DATE
F.B. 4125 PG. 187

F.B. 4125 PG. 182 | JOB NO. 0301.02 7-99°

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-6-72

INDEXED C. J. GALLI DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 10:00+/ ROD NO. 1713A

NOTES CHKD DATE

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

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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				
					162						135		
1	160	335	461	5	158	4	108	320	409	5	81	54	54M - 4M = 50M = 0.20 mm
					165						242		
2	163	221	464	5	161	4	215	338	516	5	188	54	54M - 4M = 50M = 0.20 mm
	323	556				8	323	658				108	
								040 mm				8	
							323	618				100	
							323	556					Curvature Corr = 0.40 mm
								062					

$$100\overline{)0.620} = .006\ mm = \text{"C"}$$

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 91°
SURVEY BY G.E. DREIER WEATHER HAZY SUN INST. NO 96716
NOTES BY G.E. DREIER DATE 7-7-72 TIME 9:30 ROD NO 1713A-B
INDEXED C. J. GALLI DATE JUL 20 '72 NOTES CHKD DATE
F.B. 4225 PG. 183

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	146	799	447 5	148 144 4	77	477	378 5	104 50 54	54 M- 4 M= 50 M-0.20 mm
2	153	999	454 5	155 151 4	223	443	524 5	250 196 54	54 M- 4 M= 50 M=0.20 mm
	300	798		8	300	920		108	
						0.40 mm			
	+				~~0.~~	~~mm~~		-8	Curvature Corr.=0.40 mm
					300	880		100	
					300	798			
					-	0.82 mm			
				mm= "C"					
					-	0.008		mm= "C"	
					100	0.82			

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F.B. 4125 PG. 184 JOB NO. 0301.02

SURVEY OF LA.Co. PRECISE LEVEL NET

SURVEY BY DRE IER NOTES SIEMANN 7-10-72

INDEXED C. J. GALLI DATE

T = 94°

WEATHER WINDY INST. NO. 96716

TIME 10:25 TO 10:35 ROD NO. 17134

NOTES CHKD DATE

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS From To
	DETERMINATION OF "C"												
	NEAR ROD						FAR ROD						
1	161	060	462	5	163 159	4	164	314	465	5	191 137	54	54 M. - 4 M. = 50 M = 0.20 mm
2	155	073	456	5	157 153	4	151	935	452	5	178 124	54	54 M. - 4 M = 50 M = 0.20 mm
	316	133				8	316	249				108	
								-040	mm			8	CUR. CORR. = 0.40 mm
							316	209				100	
							316	133					
								076					
								- .008	mm = "C"				
							100)	0.76					

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T-96° F.B. 4125 PG. 185

SURVEY BY G. E. Dreier WEATHER Sunny & Calm INST. NO. 9671

NOTES BY Maldonado DATE 6-27-72 TIME 2:00 to 2:20 ROD NO. 1713A&B

INDEXED C. J. GALLI DATE JUL 20 '72 NOTES CHKD. BLANCHARD DATE AUG 1 '72

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM121-1				268				163	FROM BM121-1 TO BM101-122A
1	227	357	528 5	186 82	122	072	423 5	81 82	BM121-1
				223				169	Ave. M & 5th St F
2	189	167	490 5	155 68	136	431	437 5	103 66	See F.B. 2868-7
				139 150				145 148	
3	105	772	406 5	71 68	162	452	463 5	129 66	
				263 218				57 214	
4	231	431	532 5	199 64	24	951	325 5	24 1/2 66	T-Dreier
				282				280	
								282	
	753	727			445	906		562	
	445	906							
	307	821							
BM101-22A									BM101-122A (USC&GS S-1219, 1971)
									Ave. M & Sierra Hwy S.E. Cor
									See F.B. 3737-17

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-122A TO BM121-1
BM101-122A				61				261	BM101-122A (U.S.C.&GS 5-1219, 1970)
1	29	576	330 5	29 ½ 64	228	773	529 5	195 66	Ave. M & Sierra Hwy. S.E. Cor.
				197				141 6	See F.B. 3737-17
2	165	318	466 5	131 66	109	210	410 5	77 84	
				171 130				225 130	⊼ - Dreier
3	137	950	438 5	103 68	190	880	491 5	155 70	
				156 198				268 200	
4	115	850	416 5	74 82	227	734	528 5	188 80	
				280				280	
								280	
	448	694			756	597		560	
					448	694			
BM121-1					307	903			BM121-1
									Ave. M & 5th St. E. N.W. Cor.
									See F.B. 2868-7

F.B. 4125 Pg. 186 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 6-27-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Calm INST. NO. 96716

TIME 1:45 to 2:00 ROD NO. 1713 A&B

NOTES CHKD BLANCHARD DATE AUG 1 72

T-940

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=94°
SURVEY BY G.E. DREFIER WEATHER HAZY SUN
NOTES BY SIEMANN DATE 6-28-72 TIME 10:00 TO 10:30 INST. NO. 96716
INDEXED G.J. GALLI DATE JUL 20 '72 NOTES CHKD. BLANCHARD DATE AUG 1 '72 ROD NO. 1713 HB
F.B. 4123 PG. 187

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.101-122A TO B.M.101-123
B.M.101-122A									B.M.101-122A (U.S.C.&G.S. S-1219 1971)
1	81 121	382 5		115 47 68	282 503	583 5	282 249 66		SIERRA HWY & AVE. M.
									SEE F.B. 3737-17
2	80 818	381 5		114 46 68	220 217	521 5	254 186 68		
				136					
3	72 188	373 5		109 35 74	203 572	504 5	240 166 74	134	
				210					
4	85 878	386 5		120 50 70	217 217	519 5	253 181 72	208	π = MALDONADO
				280					
5	98 454	399 5		133 63 70	214 405	515 5	250 178 72	280	
				350					
6	88 009	389 5		123 53 70	205 663	506 5	239 171 68	352	
				420					
7	98 192	399 5		130 66 64	201 431	502 5	233 169 64	420	
				484					
8	112 232	413 5		121 103 18	137 657	438 5	146 128 18	484	
				502				502	
B.M.101-123								502	B.M.101-123 (U.S.C.&G.S. U-811)
	716 892				682 665			1004	SIERRA HWY. 0.6 MI. N. OF AVE. M.
					716 892				SEE F.B. 2410-38, 3737-19
					- 865 773				
					9				

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 101-123 TO B.M. 101-122A
B.M. 101-123									B.M. 101-123 (U.S.C.&G.S. U-811)
1	212	271	513 5	247 177 70	102	492	403 5	138 66 72	S.P.C. R.R. 0.6 MI. N. OF AVE. M.
									SEE F.B. 2410-38, 3737-19
2	212	913	513 5	246 178 68	99	089	400 5	133 65 68	
				138				140	
3	221	421	522 5	255 187 68	96	733	397 5	130 62 68	
				206				208	
4	215	848	516 5	250 180 70	91	128	392 5	127 55 72	
				276				280	π = MALDONADO
5	208	042	509 5	242 174 68	72	272	373 5	105 39 66	
				344				346	
6	230	060	531 5	266 194 72	81	493	382 5	116 46 70	
				416				416	
7	241	318	542 5	274 208 66	24	246	325 5	153 24 58	
				482				474	
8	161	012	462 5	169 153 16	169	666	470 5	181 157 24	
				498				498	
9								498	
B.M. 101-122A									B.M. 101-122A (U.S.C.&G.S. S-1219) 1971
	1702	885			737	119		996	AVE. M 0.1 MI. E. OF SIERRA HWY.
	737	119							SEE F.B. 3737-17
+	965	566							
		7							

F.B. 4125 PG. 188 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-6-72

INDEXED C. J. GALLI DATE

WEATHER WINDY INST. NO. 9671

TIME 2:05 TO 2:35 ROD NO. 1713A

NOTES CHKD BLANCHARD DATE AUG 17

T = 104°

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 TE 94°
SURVEY BY G.E. DIETER
NOTES BY SIEMANN
INDEXED C. J. GALLI
DATE 6-28-72
DATE M 20 '72
WEATHER HAZY SUN
TIME 10:30 to 10:45
NOTES CHKD BLANCHARD
INST. NO 96716
ROD NO 71348
DATE M 1 72
F.B. 4123 PG. 189

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.101-123 TO B.M.101-124
B.M.101-123									B.M.101-123 (U.S.C.&G.S. U-811)
1	76	035	377 5	111 41 70	221	188	522 5	256 186 70	SIERRA HWY. 0.6 MI. N. OF AVE M.
2	73	032	374 5	107 39 68	2 369	693	570 5	302 236 66	SEE F.B. 2410-38, 3737 p. 19
				138				136	A = MALDONADO
B.M.101-124								138	B.M.101-124 (U.S.C.&G.S. B-57 RESET)
	149 067				490 881			274	S.P.C.R.R. & AVE. L-4
					149 067				SEE F.B. 2410-38
					341 814				

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 101-124 TO B.M. 101-123
B.M. 101-124													B.M. 101-124 (U.S.C. & G.S. B-57 RESET)
1	272	651	573	5	306 240	66	84	924	385	5	115 53	62	S.P.C.R.R. & AVE. L-4
													SEE F.B. 2410-38
2	218	121	519	5	252 184	68	90	233	391	5	122 58	64	
						134						126	π = MALDONADO
3	157	649	458	5	161 153	8	131	357	432	5	135 127	8	
						142						134	
B.M. 101-123												142	B.M. 101-123 (U.S.C. & G.S. U-811)
	648	421					306	514				276	S.P.C.R.R. 0.6 MI. N. OF AVE. M.
	306	514											SEE F.B. 2410-38, 3737-19
+	341	907											

T = 104°

WEATHER WINDY INST. NO. 96716

TIME 1:50 TO 2:00 ROD NO. 17134

NOTES CHKD BLANCHARD DATE AUG 1 '72

F.B. 4125 PG. 190 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-6-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 94°
SURVEY BY G. E. PREIER
NOTES BY G. J. GALLI DATE 6-28-72 TIME 10:45 TO 11:00 WEATHER HAZY SUN INST. NO. 96716
INDEXED DATE JUL 20 '72 NOTES CHKD BLANCHARD DATE AUG 1 '72 ROD NO. 17125 AB
F.B. 4125 PG. 191

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM B.M.101-124 TO B.M.101-124A
B.M.101-124									B.M.101-124 (U.S.C.&G.S. B.57 RESET)
1	107	271	408	5	214	624	515	5	S.P.C.R.R. & AVE. L-4
				142 72 70				249 179 70	SEE F.B. 2410-38
2	155	578	456	5	211	439	512	5	
				190 120 70				246 176 70	
3	74	472	375	5	203	798	504	5	
				109 39 70 140				238 168 70 140	
4	94	952	395	5	223	753	524	5	T = MACDONALD
				130 58 72 210				258 188 70 210	
5	76	882	377	5	223	758	524	5	
				112 40 72 282				259 187 72 280	
6	96	019	397	5	222	310	523	5	
				118 74 44 354				246 198 48 352	
				398				400	
B.M.101-124A								398	B.M.101-124A (U.S.C.&G.S. 2462)
	605	174			1299	682		798	S.P.C.R.R. & AVE. K-12
					605	174			SEE F.B. 3737-23
					-694	508			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 7134 DATE AUG 1 72

WEATHER WINDY TIME 1:20 TO 1:50 NOTES CHKD. BLANCHARD

T=104°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 101-124A TO B.M. 101-124
B.M. 101-124A									B.M. 101-124A (U.S.C.&G.S. 2462)
1	236	337	537 5	266 206 60	84	530	385 5	114 54 60	S.P.C.R.R. & AVE. K-12
									SEE F.B. 3727-23
2	204	719	505 5	238 170 68	102	197	403 5	127 67 70	
3	232	864	533 5	267 197 70 128	91	823	392 5	126 58 68 130	
4	226	052	527 5	262 190 72 198	88	845	389 5	123 53 70 198	π = MALDONADO
5	201	751	502 5	236 166 70 270	84	468	385 5	118 50 68 268	
6	211	836	512 5	240 182 58 340	166	941	467 5	196 136 60 336	
				398				396	
B.M. 101-124								398	B.M. 101-124 (U.S.C.&G.S. B-57 RESET)
	1313	559			568	804		794	S.P.C.R.R. & AVE. L-4
	61				618				SEE F.B. 2410-38
	568	804							
	694	755							

F.B. 4125 PG. 192 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES 51 EMANAC 7-6-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 96°

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 6-28-72

INDEXED C. J. GALLI DATE JUL 20 '72

WEATHER HAZY SUN INST. NO. 96716

TIME 11:15 TO ROD NO. 1713AB

NOTES CHKD BLANCHARD DATE AUG 1 '72

F.B. 4125 PG. 193

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.101.124A TO B.M.101-125
B.M.101-124A									B.M.101-124A (U.S.C.&G.S. 2462)
1	95	378	396 5	128 62 66	218	234	519 5	249 187 62	S.P.C.R.R. & AVE. K-12
									SEE F.B. 3737-23
2	110	143	411 5	142 78 64	246	582	547 5	284 208 76	
				130				138	
3	86	488	387 5	117 53 66	214	435	515 5	247 181 66	π = MALDONADO
				196				204	
4	93	084	394 5	114 72 42	205	647	506 5	218 192 26	
				238				230	
B.M.101-125								238	B.M.101-125 (USC&G-S. T-811)
	385	093			884	898		468	S.P.C.R.R. 0.6 MI. S. OF AVE. K.
					385	093			SEE F.B. 2410-38, 3737-25
					499	805			
B.M.101-124A	RERUN 7-7-72				TEMP. = 91° 9:30 A.M.				π J. MALDONADO
1	63	461	364 5	106 20 86	220	812	521 5	263 177 86	
2	83	626	384 5	106 60 46	179	938	480 5	202 156 46	
				132				132	
3	95	942	396 5	122 68 54	212	813	513 5	239 185 54	
				186				186	
4	107	622	408 5	130 84 46	237	453	538 5	260 214 46	
				232				232	
B.M.101-125								232	
	350	651			851	016		464	
					350	651			
					500	365			

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M 101-125 TO B.M.101-124A
B.M.101-125									B.M.101-125 (U.S.C.&G.S. T-811)
1	255	977	556 5	286 224 62	88	950	389 5	121 55 66	S.P.C.R.R. 0.6 MI. S. OF AVE. K.
									SEE F.B. 2410-38, 3737-25
2 ?	2~~8~~2	679	529 5	264 192 72	70	102	371 5	103 35 70	
				134				136	
3	193	174	494 5	227 159 68	56	283	357 5	89 23 66	π = MALDONADO
				202				202	
4	162	407	463 5	178 146 32	124	680	425 5	140 108 32	
				234				234	
B.M.101-124A								234	B.M.101-124A (U.S.C.&G.S. 2462)
	340	237			340	015		468	S.P.C.R.R. & AVE. K-12
	340	015							SEE F.B. 3737-23
	+500	222							

F.B. 4123 PG. 194 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-6-72

INDEXED C. J. GALLI DATE

WEATHER WINDY INST. NO. 96716

TIME 11:35 TO 12:00 ROD NO. 17134

NOTES CHKD BLANCHARD DATE AUG 1 '72

T = 102°

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-100°

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 6-28-72

INDEXED C. J. GALLI DATE JUL 20 72

WEATHER Sunny & Calm INST. NO. 96716

TIME 11:35 to 12:05 ROD NO. 1713A&B

NOTES CHKD. BLANCHARD DATE AUG 1 72

F.B. 4125 Pg. 195

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM101-125 TO BM101-126
BM101-125				163				230	BM101-125 (U.S.C.&G.S. T-811)
1	132	483	433 5	101 62	199	869	500 5	168 62	S.P.C.R. & 0.6 mi. S. of Ave K
				142				235	See F.B. 2410-38
2	110	830	411 5	78 64	203	513	504 5	171 64	3737-25
				95 126				257 126	
3	63	590	364 5	31 64	226	350	527 5	195 62	π-Ohashi
				89 190				249 188	
4	57	522	358 5	25 64	217	082	518 5	185 64	
				108 254				259 252	
5	75	560	376 5	42 66	226	510	527 5	193 66	
				129 320				237 318	
6	104	768	405 5	79 50	213	650	514 5	189 48	
				370				366	
								370	
	544	753			1286	974		736	BM101-126
					544	753			S.P.C.R. & 190.5 Ft. So. of Ave K
BM101-126					-742	221			See F.B. 2410-39

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4125 PG. 196 JOB NO. 0301.02

SURVEY OF L.A.Co. Pearse Level Net

SURVEY BY Dreier NOTES Maldonado DATE 7-6-72

INDEXED C. J. GALLI

NOTES CHKD. BLANCHARD DATE

TIME 11:00 to 11:30

WEATHER Sunny & Br. INST. NO. 96 710

ROD NO. 7713A-28

T-104°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-126 TO BM 101-125
BM 101-126					288						139		BM 101-126
1	252	152	553	5	216	72	103	842	404	5	67	72	S.P.C.R. & Ave "K" (140.5 Ft. So.)
					290						117		See F.B. 2410-39
2	251	685	552	5	212	78	81	740	382	5	81½	72	
					265	150					89	144	
3	265	598	566	5	226	78	47	406	348	5	47½	84	
					269	228					133	228	T. Ohashi
4	230	590	531	5	191	78	92	464	393	5	51	82	
					234	306					164	310	
5	201	548	502	5	168	66	134	125	435	5	104	60	
						372						370	
												372	
	1201	573					459	577				742	
BM 101-125	459	577											BM 101-125 (U.S.C.&G.S. T-811)
	+741	996											S.P.C.R. & 0.6 mi. So. of Ave K
													See F.B. 2410-38
													3737-25

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T-104° F.B. 4125 PG. 197

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

NOTES BY Maldonado DATE 6-28-72 TIME 1:15 to 1:40 ROD NO. 1713A&B

INDEXED C. J. GALLI DATE JUL 20 '72 NOTES CHKD. BLANCHARD DATE AUG 1 '72

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM101-126 TO BM101-127
BM101-126				204				294	BM101-126
1	176	370	477 5	148 56	265	853	566 5	236 58	S.P.C.R.& Ave K (190.5 Ft So)
				115				267	See F.B. 2410-39
2	78	712	379 5	41 74	230	212	531 5	193 74	
				129 130				259 132	
3	94	772	395 5	59 70	223	209	524 5	187 72	T-Siemann
				136 200				252 204	
4	100	183	401 5	64 72	216	380	517 5	180 72	
				132 272				262 276	
5	97	739	398 5	62 70	228	239	529 5	194 68	
				98 342				260 344	
6	64	672	365 5	30 68	226	021	527 5	192 68	
				161 410				167 412	
7	157	829	458 5	153 8	164	641	465 5	161 6	
	770	287		418	1554	555		418	BM101-127 (U.S.C.&G.S. S-811)
					770	277		418	Along S.P.C.R.& 10½ rails So. of &
					784	468		836	across Ent to C.S. Hwy Maint. Yard
BM101-127					784	298			See F.B. 2410-39
									3737-29

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-127 TO BM 101-126
BM 101-127				170				155	BM 101-127 (U.S.C.&G.S. S-811)
1	165	675	466 5	160 10	150	750	451 5	145 10	S.P.C.R. & 0.3 mi. S. of Ave. J.
				274½				100	see F.B. 2410-39
2	274	411	575 5	225 98	51	579	352 5	2 98	3737-29
				298 108				134 108	
3	247	449	548 5	196 102	84	640	385 5	34 100	T-Siemann
				294 210				109 208	
4	245	859	546 5	196 98	62	983	363 5	17 92	
				282 308				51½ 300	
5	239	980	540 5	196 86	6	870	307 5	6½ 90	
				137 394				171 390	
6	127	400	428 5	117 20	160	057	461 5	149 22	
				414				412	
								414	BM 101-126
BM 101-126	1300	774			516	879		826	S.P.C.R. & Ave. K (190.5 Ft So.)
	516	879							See F.B. 2410-39
	783	895							

T-104°

F.B. 4125 PG. 198 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-6-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Lt. Clouds INST. NO. 96716

TIME 10:30 to 11:00 ROD NO. 17L7AE

NOTES CHKD. BLANCHARD DATE AUG 1 72

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-7-72

INDEXED C. J. GALLI DATE JUL 20 '72

WEATHER Overcast Hazy Sun

TIME 10:10 to 10:30

NOTES CHKD BLANCHARD DATE AUG 1 72

T-92°

F.B. 4125 PG. 199

INST. NO. 96716

ROD NO. 1713A&B

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	Re-Run FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM101-126 TO BM101-127
BM101-126				172				275	BM101-126
1	134	482	435 5	96 76	275	682	576 5	238½ 74	S.P.C.R & Ave. K (190.5 Ft. So.)
				117				260	See F.B. 2410-39
2	67	890	368 5	17 100	260	429	561 5	209½ 100	
				123 176				287 174	
3	71	908	372 5	19 104	235	808	536 5	183 104	π-Siemann
				108 280				292 278	
4	54	241	355 5	0 108	292	508	593 5	238½ 108	Re-Run
				97 388				144 386	
5	81	438	382 5	65 32	129	870	430 5	114 30	
				420				416	
								420	
	409	959			1194	297		836	
					409	959			
					784	338			
BM101-127									BM 101-127 (U.S.C.&G.S. S-811)
									S.P.C.R & 0.3 mi. So. of Ave. J
									See F.B. 2410-39
									3737-29

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-127 TO BM 101-126
BM101-127					172						154		BM 101-127 (USC&GS. S-811)
1	165	160	466	5	158	14	146	043	447	5	138	16	S.P.C.R & 0.3 mi. So of Ave. J
													See F.B. 2410-39
2	291	590	592	5	291 239 ½	104	58	211	359	5	110 6	104	3737-29
		000			298	118	2				124	120	
3	246	~~068~~	547	5	194	104	7~~3~~	988	373	5	20	104	
					265 ½	222					120 ½	224	
4	265	471	566	5	214 ½	102	70	011	371	5	70 ½	100	T-Siemann
					293	324					130	324	
5	252	540	553	5	211	82	90	220	391	5	50	80	Re-Run
					167	406	1				168	404	
6	161	971	462	5	155	12	16~~0~~	010	462	5	154	14	
						418						418	
~~7~~		32										418	
	1382	7~~40~~					598	483				836	
BM101-126	598	483											BM 101-126
	+784	249											S.P.C.R & 190.5 Ft. So. of Ave. K.
													See F.B. 2410-39

T-100°

F.B. 4125 PG. 200 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-7-72

INDEXED C. J. GALLI DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 10:35 to 11:00 ROD NO. 1713A

NOTES CHKD BLANCHARD DATE 1 72

76P526B CE # 308 8 68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-106°

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 6-28-72

INDEXED C. J. GALLI DATE JUL 20 '72

WEATHER Sunny & Calm

TIME 1:40 to 2:05

NOTES CHKD BLANCHARD DATE AUG 1 '72

INST. NO. 96716

ROD NO. 1713A&B

F.B. 4125 Pg. 201

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 101-127 TO BM 101-128
BM 101-127				146				255	BM 101-127 (U.S.C.&G.S. S-811)
1	109	803	410 5	72 74	218	638	519 5	181 74	Along S.P.C.R. & So. of and across
				140				225 6	from C.S. Hwy Dept. Mant. Yard
2	106	756	407 5	72 68	191	516	492 5	157 78	see FB 2410-39
				142				142	3737-29
				128				200	
3	94	180	395 5	60 68	167	303	468 5	134 66	
				113 210				238 208	
4	77	569	378 5	41 72	202	372	503 5	166 72	π-Siemann
				115 282				205 280	
5	83	491	384 5	51 64	173	191	474 5	141 64	
				130 346				213 344	
6	93	815	394 5	56 74	176	699	477 5	139 74	
				420				418	
								420	
	565	614			1129	719		838	
BM 101-128					565	614			BM 101-128
					564	105			Along S.P.C.R. & Ave. J
									See F.B. 2410-39

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-128 TO BM101-127
BM 101-128				290				130	BM101-128
1	229	691	530 5	168 122	70	780	371 5	10 120	S.P.C.R. & Ave J
				266				141	See F.B. 2410-39
2	214	922	515 5	162 104	90	710	391 5	39 102	
				277 226				138 222	
3	225	739	526 5	173 104	90	660	391 5	42 96	T-Siemann
				264 330				318	
4	218	393	519 5	172 92	72	361	373 5	121½ 98	
								416	
				422				422	
	888	745			324	519		838	
	324	519							
	1564	~~226~~ 234							
BM 101-127									BM101-127 (U.S.C.&G.S. S-811)
									S.P.C.R. & 0.3 mi. So. of Ave. J.
									See F.B. 2410-39
									3737-29

T-99°

WEATHER Hazy Sun INST. NO. 967

TIME 10:05 to 10:30 ROD NO. 1734

NOTES CHKD BLANCHARD DATE AUG 1 '72

F.B. 4128 PG. 202 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-7-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-106°
SURVEY BY G.E. Dreier DATE 6-28-72 WEATHER Sunny & Calm INST. NO. 96716
NOTES BY Maldonado TIME 2:05 to ROD NO. 1713 R&B
INDEXED G. J. GALLI DATE JUL 20 '72 NOTES CHKD BLANCHARD DATE AUG 1 '72
F.B. 4123 PG. 203

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM101-128 TO BM101-130
BM101-128				94				252	BM101-128
1	60	359	361 5	60 ½ 68	217	741	518 5	182 70	Along S.P.C.R. & Ave J
				153				243	See F.B. 2410-39
2	118	165	419 5	83 70	211	590	512 5	179 64	
				148 138				246 139	
3	114	290	415 5	80 68	210	602	511 5	174 72	K-Siemann
				149 206	5			282 206	
4	115	400	416 5	81 68	246	469	546 5	208 74	
				157 274				236 280	
5	123	087	424 5	89 68	206	009	507 5	176 60	
				342				340	
								342	
	531	301			1091	411		682	
					531	301			
BM101-130					560	110			BM 101-130 (U.S.C.&G.S. G-487)
									Along SPCR & 85.5 Ft S'ly of
									Semaphore No. 4057
									See F.B. 2410-40
									3737-34

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-130 TO BM 101-128
BM 101-130				250				143	BM 101-130 (U.S.C&GS, G-487)
1	214	572	515 5	178 72	106	419	407 5	69 74	S.P.C.R. & 85.5 Ft. Sly. of
				263				134	Semaphore No. 4057.
2	225	880	526 5	187 76	96	852	397 5	58 76	See F.B. 2410-40
				216 148				114 150	3737-34
3	176	993	477 5	136 80	76	756	377 5	38 76	
				269 228				148 226	
4	230	581	531 5	191 78	109	393	410 5	70 78	
				206 306				105 304	
5	189	448	490 5	172 34	87	810	388 5	70 35	
				340				339	
								340	
	1037	474			477	280		679	
	477	280				3			BM 101-128
BM 101-128	+560	+194							S.P.C.R. & Ave "J".
		244							See F.B. 2410-39

T-102

WEATHER Sunny & Br. INST. NO. 96716

TIME 2:30 to 2:50 ROD NO. 1713

NOTES CHKD BLANCHARD DATE 1-7

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-5-72

INDEXED C. J. GALLI DATE

F.B. 4128 PG. 204

76P526E CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI
INDEXED C. J. GALLI
DATE 6-29-72
DATE JAN 20 '72
WEATHER CLEAR-DUST HAZE
TIME 10:00 - 10:30
NOTES CHKD BLANCHARD
INST. NO. 46716
ROD NO. 4108 & 4108
DATE 1-7-
T=94°
F.B. 4125 PG. 205

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM. 101-130 TO BM. 101-131A
BM. 101-130									B.M. 101-130 (USC & GS. G-487)
1	125	901	426	5	185	087	486	5	LANCASTER 0.3 MI. SO. OF SPRR STA.
				159 52				211 159 52	SEE F.B. 2410 - 40
2	102	647	403	5	205	928	506	5	3737 - 34
				136 68				240 170 70	
				120				122	
3	98	657	399	5	164	135	465	5	T.J. MALDONADO
				137 59 78				201 127 74	
				198				196	
4	135	723	436	5	172	317	473	5	
				149 122 26				186 158 28	
				224				224	
BM. 101-131A								224	B.M. 101-131A (USGS. 2356)
	462	928			727	467		448	LANCASTER BLVD. 0.1 MI. W. SPRR. STA.
					462	928			SEE F.B. 3717 - 187
									3737 - 36
					-264	539			

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 101-131A TO B.M. 101-130
B.M. 101-131A													B.M. 101-131A (U.S.G.S. 2356)
1	176	621	477	5	195 157	38	139	064	440	5	158 120	38	LANCASTER BLVD 0.1 MI. W. OF SP.RR. STA
													SEE F.B. 3717-187, 3737-36
2	182	882	483	5	215 149	66	110	316	411	5	143 77	66	
						104						104	
3	216	729	517	5	250 182	68	111	136	412	5	144 78	66	⊼ J. MALDONADO
						172						170	
4	163	478	464	5	192 134	58	114	651	415	5	143 85	58	
						230						228	
BM. 101-130												230	B.M. 101-130
	739	710					475	167				458	LANCASTER 0.3 MI. SO. SP.RR. STA.
	475	167											SEE F.B. 2410-40, 3737-34
+	264	543											

T=102°

WEATHER Scat Clouds Light Wind INST. NO. 96716

TIME 2:10 - 2:30 ROD NO. 1713 AEP

NOTES CHKD BLANCHARD DATE AUG 1 '72

F.B. 4125 PG. 206 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY G.E. DREIER NOTES T. OWASHI 7-5-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREXLER & CHAS. H. WEATHER Clear-Dust
NOTES BY DATE 6-24-72 TIME 10:30 - 11:00 INST. NO. 9614
INDEXED G. J. GALLI DATE AUG 20 72 NOTES CHKD. BLANCHARD DATE AUG 1 72 ROD NO. M3446
F.B. 4125 PG. 207

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M.101-131A TO BM.101-132
B.M.101-131A													B.M.101-131A
1	183	405	484	5	206 / 160	46	161	307	462 / ~~406~~	5	184 / 138	46	LANCASTER BLVD 0.1 M. W. S.P.R.R. STA.
													SEE F.B. 3717-187
2.	65	629	366	5	96 / 34	62	214	772	515	5	246 / 182	64	3737-36
						108						110	
3	86	783	387	5	123 / 49	74	199	630	500	5	234 / 164	70	J. MALDONADO
						182						180	
4.	113	618	414	5	150 / 76	74	204	206	505	5	221 / 167	74	
						256						254	
5.	123	313	424	5	163 / 123	80	191	362	492	5	233 / 149	84	
6.						336						338	
~~B.M.101-132~~	182	623	483	5	198 / 166	32	217	117	518	5	232 / 202	30	
						368						368	
B.M.101-132												368	B.M.101-132
	755	371					1188	394				736	S.P.R.R. & AVE. "I"
							755	371					SEE F.B. 2410-40
							433	023					

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-132 TO BM 101-131A
BM 101-132							115						B.M. 101-132
1	184	409	485	5	214 154	60	~~123~~	987	416	5	148 82	66	S.P.R.R. & AVE "I"
													SEE F.B. 2410-40
2	187	062	488	5	222 152	70	128	681	429	5	160 96	64	
						130						130	⊼ J. MALDONADO
3.	206	119	507	5	239 173	66	108	908	409	5	141 75	66	
						196						196	
4	205	177	506	5	239 171	68	91	689	392	5	121 61	60	
						264						256	
5	210	383	511	5	238 182	56	76	604	377	5	109 43	66	
						320						322	
6	135	161	436	5	152 118	34	173	148	474		[illegible] 157	32	
						354						354	
BM 101-131A												354	B.M. 101-131A
	1128	311					695	017				708	LANCASTER BLVD 0.1 MI. W. SPRR. STA
	695	017											SEE F.B. 3717-187, 3737-36
	+433	294											

F.B. 4125 PG. 208 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OHASHI 7-5-72

INDEXED C. J. GALLI DATE

WEATHER SEAT CLOUDS LIGHT WIND INST. NO. 96716

TIME 1:35 - 205 ROD NO. 1713A

NOTES CHKD BLANCHARD DATE AUG 1 '72

Tc 102°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 7-7-72

INDEXED C. J. GALLI DATE JUL 20 '72

WEATHER Sear Clouds Breeze T=100°

TIME 11:15 - 11:50

NOTES CHKD BLANCHARD DATE AUG 1 '72

F.B. 4125 PG. 209

INST. NO. 96716

ROD NO. 1713 A&B

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM.101-131A TO BM.101-132
BM.101-131A									BM.101-131A
1	170	292	471 5	186 154 32	130	211	431 5	147 113 34	LANCASTER BLVD 0.1 MI. W. SPRR STA.
									SEE F.B. 3717-187, 3737-36
2	45	054	346 5	76 14 62	210	767	511 5	243 177 66	
				94				100	
3	114	071	415 5	150 78 72	182	014	483 5	216 148 68	⊼ J. MALDONADO
				166				168	
4	75	508	376 5	112 38 74	222	350	523 5	258 186 72	KERUN
				240				240	
5	145	260	446 5	182 108 74	194	486	495 5	232 156 76	
				314				316	
6	146	095	447 5	166 126 40	189	402	490 5	208 170 38	
				354				354	
BM.101-132								354	B.M. 101-132
	696	280			1129	230		708	S.P.R.R. & AVE "I"
					696	280			SEE F.B. 2410-40
				-	432	950			

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

WEATHER Sunny Cloud - INST. NO. 76214
TIME 1:00 - 1:30 WIND ROD NO. 0113-4
NOTES CHKD. BLANCHARD DATE AUG 1 '72

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM. 101-132 TO BM. 101-131A
BM. 101-132													BM. 101-132
1.	179	819	480	5	216 / 179	74	110	869	411	5	148 / 72	76	S.P.R.R. & AVE "I"
							4						SEE F.B. 2410-40
2.	189	127	490	5	228 / 150	78	108	818	405	5	144 / 64	80	
						152						156	
3	200	719	501	5	237 / 163	74	89	101	390	5	126 / 52	74	J. MALDONADO
						226						230	RERUN
4.	224	122	525	5	263 / 185	78	69	618	370	5	107 / 31	76	
						304						306	
5.	164	768	465	5	178 / 150	28	110	990	411	5	123 / 97	26	
						332						332	
6.	131	949	432	5	148 / 114	34	172	271	473	5	189 / 155	34	
						366						366	
BM. 101-131A												366	BM. 101-131
	1090	804					657	667				732	LANCASTER BLVD. 0.1 MI. W. S.P.R.R. STA.
	657	667											SEE F.B. 3717-187, 3737-36
+	433	137											

F.B. 412 B PG. 210

SURVEY OF L.A. Co. Freeway Level Net JOB NO. 0301.02

SURVEY BY R.E. Dreier NOTES T. Chasan 7-7-72

INDEXED C. J. GALLI DATE

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

F.B. 4125 PG. 211

SURVEY BY G. E. Dreier

WEATHER Togdo Clear-Dist Haze

INST. NO. 96766

NOTES BY T. Ohashi DATE 6-29-72

TIME 11:00 - 11:05

ROD NO. 1763A&B

INDEXED C. J. GALLI DATE JUL 20 '72

NOTES CHKD BLANCHARD DATE AUG 1 '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
BM.101-132									FROM BM.101-132 TO B.M.101-132A
1	131	538	432	5	154 108	46	165	661	466 5 197 143 44
							131	538	46
BM.101-132A						-	34	123	90

B.M.101-132
S.P.R.R. & Ave. "I"
SEE F.B. 2410-40

A. J. MALDONADO

B.M.101-132A
S.P.R.R. & Ave. "I" BY MILEPOST #405
SEE F.B. 3717-191

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.101-132A TO B.M.101-132
B.M.101-132A									B.M.101-132A
1	173	298	474 5	199 147 52	139	189	440 5	163 115 48	S.P.R.R. & AVE "1" BY MILEPOST #405
	139	189						52	SEE F.B 3717-191
B.M.101-132									
	+34	109						100	⊼ J. MALDONADO
									B.M.101-132
									S.P.R.R. & AVE "1"
									SEE F.B. 2410-40

F.B. 4125 PG. 212 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OHASHI 7-5-72

INDEXED C. J. GALLI DATE

WEATHER SEAT CLOUDS T=102° INST. NO. 96216

TIME 1:30 - 1:35 LIGHT WIND ROD NO. 0703A

NOTES CHKD BLANCHARD DATE AUG 1 '72

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T-94 F.B. 4125 PG. 213

SURVEY BY G. E. DREIER WEATHER CLEAR-DRY INST. NO. 9676

NOTES BY T. OUASHI DATE 6-29-72 TIME 11:05 - 11:20 ROD NO. 1213A&B

INDEXED C. J. GALLI DATE JUL 20 '72 NOTES CHKD BLANCHARD DATE AUG 1 '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
BM.101-132A									FROM B.M.101-132A TO B.M.101-133
1	128	748	429 5	162 94 68	188	381	489 5	222 154 68	BM.101-132A (USGS J-1147)
									S.P.R.R. & AVE "I" BY MILEPOST #405
									SEE F.B. 3717-191
2	98	017	399 5	129 67 62	155	550	456 5	184 126 58	
				130				126	⊼ J. MALDONADO
								130	
BM.101-133	226	765			343	931		256	BM.101-133 ~~(USGS 8335-B)~~ ANCASTER
					226	765			0.6 MI. NORTHLY OF S.P.R.R. STA.
					-117	166			SEE F.B. 2410-40

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM. 101-133 TO BM. 101-132A
B.M. 101-133													B.M. 101-133
1	172	602	473	5	205 139	66	124	059	425	5	157 91	66	LANCASTER 0.6 MI. NORTHLY OF SP.RR. ST.
													SEE F.B. 2410-40
2	192	199	493	5	223 161	62	123	481	424	5	155 91	64	
						128						130	⊼ J. MALDONADO
BM. 101-132A												128	
	364	801					247	540				258	B.M. 101-132A
	247	540											LANCASTER SP.RR. & AVE "I" BY MILEPOST #405
+	117	261											SEE F.B. 3717-191

T=102°

WEATHER Scat. Clouds-Breezy INST. NO. 96716

TIME 1:10 - 1:25 ROD NO. 1713A&B

NOTES CHKD BLANCHARD DATE AUG 1 72

F.B. 4128 PG. 214 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OLASH 7-5-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Overeem
NOTES BY G. Owen
DATE 6-29-72
WEATHER Clear
TIME 11:20
INSTR. NO. 9716
ROD NO. 11344
INDEXED G. J. GALLI
DATE JUL 20 72
NOTES CHKD BLANCHARD
DATE AUG 1 72
F.B. 4125 PG. 215

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.101-133 TO B.M.101-134A
BM.101-133	118								B.M.101-133 (LANCASTER)
1	~~127~~	793	419	5	157 118 78	168	417	469 5	203 133 70 — 0.6 MI. NORTHLY OF S.P.R.R. STA.
									SEE F.B. 2410-40
2	119	229	420	5	154 84 70	198	123	499 5	238 158 80
					148				150
3	127	361	428	5	165 94 66	167	143	468 5	199 135 64 — J. MALDONADO
					214				214
4	161	431	462	5	191 128 66	172	~~068~~ 087	473 5	205 139 66
					280				280
5	150	366	451	5	182 118 64	149	532	450 5	180 118 62
					344				342
6.	162	619	463	5	195 129 66	114	916	415 5	187 81 66
					410				408
									410
B.M.101-134A									818 — B.M.101-134A (USC&GS Z-56) RESET 1965
	839	799							LANCASTER 1.1 MI. NORTHLY OF S.P.R.R. STA.
					970 ~~199~~				SEE F.B. 2410-41
					218				
					839 799				
					-130 419				

To 98°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM.101-134A TO B.M.101-133
BM.101-134A		~~68~~											B.M. 101-134A (USC&GS Z-56) RESET 1965)
1	111	~~473~~ 58	412	5	144 78	66	161	436	462	5	192 130	62	LANCASTER 1.1 MI. NORTHLY OF SP.RR. STA.
													SEE F.B. 2410-41
2	152	912	453	5	184 120	64	155	221	456	5	186 124	62	
						130						124	
3	166	075	467	5	198 134	64	163	353	464	5	194 132	62	↑ J. MALDONADO
						194						186	
4	184	034	485	5	216 152	64	127	456	428	5	163 91	72	
		8				258						258	
5	183	787	484	5	215 151	64	133	236	434	5	165 101	64	
						322						322	
6	183	149	484	5	214 152	62	123	942	424	5	153 93	60	
						384						382	
7	171	672	472	5	185 157	28	158	241	459	5	173 143	~~30~~	
						412						412	
BM.101-133												412	BM.101-133
	1153	087					1022	885				824	LANCASTER 0.6 MI. NORTHLY OF SP.RR. STA.
	1022	885											SEE F.B. 2410-40
+	130	202											

F.B. 4125 PG. 216

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

SURVEY BY G. E. DRIVER NOTES T. OHASHI 7-5-72

INDEXED G. J. GALLI DATE

JOB NO. 0301.02

WEATHER SEAT CLOUDS LIGHT WIND

TIME 11:30 - 12:00

NOTES CHKD BLANCHARD DATE AUG 1 '72

INST. NO. 96-216

ROD NO. 1703 A&B

T = 104°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 6-29-72

INDEXED C. J. GALLI DATE JUL 20 '72

WEATHER Sunny & Calm

TIME 1:20 to 1:50

NOTES CHKD BLANCHARD DATE AUG 1 '72

INST. NO. 96716

ROD NO. 1713A & B

F.B. 4125 PG. 217

T-110°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM101-134A TO BM101-135
BM101-134				155				201	BM101-134A (U.S.C.&G.S. Z-56)
1	129	488	430 5	103 52	175	382	476 5	149 52	S.P.C.R. & 8 3/4 Poles So. of Milepost #404
				209				115	See F.B. 2410-41
2	178	054	479 5	147 62	84	424	385 5	53 62	
				118 114				150 114	
3	87	863	388 5	56 62	120	560	421 5	90 60	
				127 176				222 174	
4	95	030	396 5	63 64	191	219	492 5	160 62	Ā-Ohashi
				132 240				158 236	
5	125	090	426 5	118 14	149	292	450 5	140 18	
				254				254	
6								254	
	615	525			720	877		508	BM101-135
BM101-135					615	525			S.P.C.R. & Milepost 404, 168 Ft. N. of Ave. H.
					105	352			See F.B. 2410-41
									3737-46

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-135 ~~134A~~ TO BM101-134A ~~135~~
BM101-135				179				152	BM101-~~134A~~ 135 (~~U.S.C.&G.S. Z-56~~)
1	147	831	448 5	115 64	122	120	423 5	92 60	S.P.C.R. & ~~8¾ Poles So. of~~ Mi. Post
				274				233	See F.B. ~~3724-223~~ #404
2	239	611	540 5	204 70	199	740	500 5	165 68	3737-~~44~~ 46
				236 134				237 128	2410-41
3	201	315	502 5	166 70	202	712	503 5	167 70	
				184 204				146 198	T. Ohashi
4	158	354	45~~4~~9 5	132 52	117	010	418 5	117½ 58	
				256				256	
5								256	
								512	
	747	111			641	582			
BM101-134A	641	582							BM101-134A (U.S.C.&G.S. Z-56)
									S.P.C.R. & 8¾ Poles So. of Mi. Post #404
	+105	529							See F.B. 2410-41

F.B. 4125 PG. 218 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-5-72

INDEXED C. J. GALLI DATE

WEATHER Light Clouds INST. NO. 9671

TIME 11:05 to 11: ROD NO. 173A&B

NOTES CHKD. BLANCHARD DATE AUG 1 '72

T-102°

76P526B CE # 308 8-68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 6-29-72

INDEXED C. J. GALLI DATE JUL 20 '72

WEATHER Sunny & TIME 1:50 to 2:25

NOTES CHKD BLANCHARD DATE AUG 1 '72

INST. NO. 96716

ROD NO. 1713A & B

F.B. 4125 PG. 219

T-110°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 101-135 TO BM 101-136
BM 101-135				171				248	BM 101-135
1	141	471	442 5	110 61	216	257	517 5	184 64	S.P.C.R & 168 Ft. No. of Ave. H, @
				190				207	See F.B. 2410-41 Milepost 404
2	155	191	456 5	120 70	173	471	474 5	139 68	3737-46
				177 131				212 132	
3	142	567	443 5	107 70	180	960	481 5	148 64	
				192 201				193 196	⊼-Siemann
4	157	079	458 5	122 70	153	130	454 5	113 80	
				155 271				204 276	
5	116	430	417 5	77 78	166	164	467 5	128 76	
				156 349				196 352	
6	121	559	422 5	86 70	162	340	463 5	128 68	
				172 419				207 420	
7	137	890	438 5	103 69	172	051	473 5	137 70	
				195 488				173 490	
8	166	180	467 5	137 56	145	000	446 5	117 56	
				544				546	
								544	
	1138	387			1369	373		1090	
		6			1138	387			BM 101-136 (U.S.C.&G.S. Z-811)
BM 101-136					230	986			S.P.C.R & 0.35 mi So. of Ave. G.
						100			See F.B. 2410-41
									3737-48

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM101-136 TO BM101-135
BM101-136				~~240~~				~~220~~	BM101-136 (U.S.C.&G.S. Z-811)
~~1~~	~~181~~	~~924~~	~~482~~ 5	~~122~~ 118	~~162~~	~~888~~	~~463~~ 5	~~104~~ ~~116~~	S.P.C.R.& 0.35 mi So of Mi. Post
				~~228~~				~~192~~	See F.B. 2410-41 403
~~2~~	~~179~~	~~361~~	~~480~~ 5	~~130~~ ~~98~~	~~144~~	~~473~~	~~445~~ 5	~~96~~ ~~96~~	3737-48
				194 ~~216~~				200 ~~212~~	
~~3~~ 1	142	497	443 5	90 104	147	467	448 5	94 106	
				230				182 ~~318~~	T. Siemann
~~4~~ 2	182	526	483 5	134 96	135	940	436 5	88 94	
				199 200				165 200	
3	149	155	450 5	99 100	117	249	418 5	69 96	
				198 300				194 296	
4	148	511	449 5	98 100	143	360	444 5	92 102	
				247 400				123 398	
5	196	346	497 5	145 102	73	617	~~4~~3 74 5	23 100	
				184 502				157 498	
6	164	905	465 5	144 40	135	251	436 5	113 44	
				542				542	
								542	
	983	940			752	884		1084	
	752	884							
	+231	056							
BM101-135									BM101-135
									S.P.C.R.& 168 Ft. No. of Ave. H, @
									Mi. Post 404
									See F.B. 2410-41
									3737-46

F.B. 4125 PG. 220 JOB NO. 0301.05

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-5-72

INDEXED C. J. GALLI DATE

WEATHER Hazy Sun & Light Br. INST. NO 9671

TIME 10:30 to 11:00 ROD NO 123A

NOTES CHKD BLANCHARD DATE AUG 1 '72

T-104

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 6-29-72 TIME 10:00 to 10:20 WEATHER Hazy Sun & Clouds INST. NO. 9676
INDEXED G. J. GALLI DATE AUG 20 '72 NOTES CHKD BLANCHARD DATE AUG 1 '72
T-100°
F.B. 4125 Pg. 221

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 101-136 TO BM 101-137
BM 101-136				173				229	BM 101-136 (U.S.C.&G.S. Z-811)
1	123	621	424 5	73 100	178	118	479 5	127 102	S.P.C.R. & 035 mi So. of Mi. Post 403
				182			9	239	See F.B. 2410-41
2	131	888	432 5	80 102	189	551	480 5	138 101	3737-48
				206 202				191 203	
3	164	490	465 5	122 84	149	259	450 5	107 84	
				286				287	
								286	T-Siemann
	419	999			516	928		573	
					419	999			
					96	929			
BM 101-137									BM 101-137
									S.P.C.R. & Ave G. near Mi. Post 403
									See F.B. 2410-41
									3737-50

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-137 TO BM101-136
BM101-137				240				220	BM101-137
1	181	924	482 5	122 118	162	888	463 5	104 116	S.P.C.R. & Ave. G
				228				192	See F.B. 2410-41
2	179	361	480 5	130 98	144	473	445 5	96 96	3737-50
				202 216				161 212	
3	166	621	467 5	130 72	123	465	424 5	85 76	π-Siemann
				288				288	
								288	
	527	906			430	826		376	
BM101-136	430	826							BM101-136 (USC&GS Z-811)
	497	080							S.P.C.R. & 0.35 mi. So. of
									Mi. Post 403
									See F.B. 2410-41
									3737-48

F.B. 4123 PG. 222 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-5-72

INDEXED C. J. GALLI DATE

WEATHER Hazy Sun INST. NO. 9671

TIME 10:15 to 10:30 ROD NO. 1713A

NOTES CHKD BLANCHARD DATE AUG 1

T-99°

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T-110°

F.B. 4125 PG. 223

SURVEY BY S.E. MAIN G.E. Drexler WEATHER CLEAR INST. NO. 96716

NOTES BY [illegible] DATE 6-30-72 TIME 11:00 TO ROD NO. 1713A&B

INDEXED D. J. GALLI DATE JUL 20 '72 NOTES CHKD. BLANCHARD DATE AUG 1 '72

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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 BM101-138A TO BM101-138A
BM101-138				115				136	BM101-138 (U.S.C.&G.S. Y-56 1926)
"	111	078	412 5	107 8	132	528	433 5	128 8	S.P.C.R. & 0.7 mi. N. of Ave. G. ~~8 TPS~~
									Sec F.B. 2410-42 ~~So. of Mi. Bst 402~~
					111	078		8	3737-52
									⊼ = MALDONADO
BM101-138A				-	21	450		16	BM101-138A (U.S.C.&G.S. Y-56 RESET)
									S.P.C.R.R. 0.3 MI. S. OF AVE. F.
									SEE F.B. 3737-53

76P526B CE # 308 8/68

F.B. 4125 PG. 224 JOB NO. 0301.02 T = 115°

SURVEY OF LA Co. Precise Level Net

SURVEY BY Dreier NOTES ~~[illegible]~~ 0

INDEXED C. J. GALLI DATE

WEATHER LT. WIND INST. NO. 9671

TIME 205 TO 2:10 ROD NO. 1713 [illegible]

NOTES CHKD BLANCHARD DATE AUG 1 '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 FROM B.M. 101-138A TO B.M. 101-138
B.M. 101-138A									B.M. 101-138A
1	133	329	434 5	138 128 10	111	862	412 5	116 106 10	
	111	862	412						T - MALDONADO
B.M. 101-138	121	467						10 20	B.M. 101-138

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 101-138A TO B.M. 101-139
B.M. 101-138A									B.M. 101-138A (U.S.C.&G.S. Y-56 RESET)
1	116	778	417 5	139 93 46	150	611	451 5	173 127 46	S.P.C.R.R. 0.3 MI. S. OF AVE. F
									SEE F.B. 3737-53
2	134	937	435 5	168 100 68	148	661	449 5	181 115 66	
				114				112	
3	139	911	440 5	176 102 74	148	793	449 5	185 111 74	
				188				186	
4	123	468	424 5	161 85 76	154	782	455 5	191 117 74	$\bar{X}$ = MALDONADO
				264				260	
5	151	561	452 5	188 114 74	172	833	473 5	208 136 72	
				338				332	
6	145	901	446 5	152 138 14	111	938	412 5	122 100 22	
				352				354	
B.M. 101-139								352	B.M. 101-139 (U.S.C.&G.S. 2302)
	812	556			887	618		706	S.P.C.R.R. 0.1 MI. N. OF AVE. F
					812	556			SEE F.B. 2410-42, 3737-54
					75	062			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 110°

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

NOTES BY SIEMANN DATE 6-30-72 TIME 11:05 TO 11:25 ROD NO. 1713A3

INDEXED C. J. GALLI DATE JUL 20 '72 NOTES CHKD. BLANCHARD DATE AUG 1 '72

F.B. 4125 PG. 225

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA			RIGHT	MIC.	LEFT.	STADIA			FROM B.M.101-139 TO B.M.101-138A
B.M.101-139													B.M.101-139 (U.S.C.&G.S. 2302)
1	124	933	425	5	157 91	66	148	260	449	5	179 117	62	S.P.C.R.R. 0.1 MI. N. OF AVE. F.
2	162	342	463	5	192 132	60	147	031	448	5	177 117	60	SEE F.B. 2410-42, 3737-54
3	165	218	466	5	197 133	64 126	129	159	430	5	160 98	62 122	
4	135	125	436	5	167 103	64 190	140	523	441	5	175 105	70 184	T = MALDONADO
5	160	960	461	5	191 129	62 254	125	591	426	5	156 94	62 254	
6	140	020	441	5	157 123	34 316	122	911	423	5	142 102	40 316	
						350						356	
B.M.101-138A												350	B.M.101-138A (U.S.C.&G.S.
	888	598					813	475				706	
	813	475											
	+ 75	123											

T = 115°

WEATHER LT BREEZE INST. NO. 8671

TIME 1:30 TO 2:00 ROD NO. 713A

NOTES CHKD. BLANCHARD DATE 1 T

F.B. 4123 PG. 226 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-30-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 101-137 TO BM 101-138
BM 101-137				177				224	BM 101-137
1	128	010	429 5	79 98	174	481	475 5	124 100	S.P.C.R & Ave G near Mi. Post 403
				184				220	See F.B. 2410-41
2	134	578	435 5	84 100	171	468	472 5	122 98	3737-50
				192 198				233 198	
3	141	927	442 5	90 102	181	601	482 5	129 104	
				162 300				225 302	T-Siemann
4	116	130	417 5	70 92	178	447	479 5	131 94	
				166 392		783		220 396	
5	122	939	423 5	78 88	176	~~805~~	477 5	132 88	
				159 480				199 484	
6	123	351	424 5	87 72	164	722	465 5	129 70	
				158 552				148 554	
7	144	368	445 5	130 28	134	970	495 5	120 28	
				580				582	
								580	
	911	303			1182	472		1162	BM 101-138 (U.S.C.&G.S. Y-56 1926)
BM 101-138					911	303			S.P.C.R & 0.7 mi. N. of Ave G, 8
					271	169			T.P.'s So. Mi. Post 402
									See F.B. 2410-42
									3737-52

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. Dreier
NOTES BY Maldonado DATE 6-30-72
INDEXED C. J. GALLI DATE JUL 20 '72
WEATHER Sunny & Calm INST. NO. 96716
TIME 10:20 to 10:55 ROD NO. 1713A&B
NOTES CHKD BLANCHARD DATE AUG 1 '72
T-10 2°
F.B. 412 5 PG. 227

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 101-138 TO BM 101-137
BM 101-138				176				181	BM 101-138 (U.S.C.&G.S. Y-56 1926)
1	141	059	442 5	106 70	146	851	447 5	111 70	S.P.C.R. & 0.7 mi. N. of Ave. G
				243				174	See F.B. 2410-42 S. of Mi. Post
2	202	118	503 5	161 82	135	370	436 5	96 78	3737-52 402
				225 152				178 148	
3	185	619	486 5	145 80	139	994	440 5	100 78	
				230 232				179 226	π-Siemann
4	190	535	491 5	150 80	139	850	440 5	99 80	
				218 312				194 306	
5	179	729	480 5	140 78	155	999	456 5	116 78	
				220 390				192 384	
6	179	149	480 5	138 82	147	406	448 5	102 90	
				197 472				179 474	
7	163	540	464 5	129 68	145	568	446 5	111 68	
				202 540				161 542	
8	183	702	484 5	164 38	143	999	444 5	125 36	
				578				578	
								578	
	1425	451			1155	037		1156	
BM 101-137	1155	037							BM 101-137
	+270	414							S.P.C.R. & Ave. G. near Mi. Post 403
	2								See F.B. 2410-41
									3737-50

T-116°

F.B. 4125 PG. 228 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 6-30-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 96716

TIME 2:05 to 2:40 ROD NO. 1713A&B

NOTES CHKD BLANCHARD DATE AUG 1 '72

76P526E CE # 308 8/68

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

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreher DATE 7-7-72 WEATHER Hazy & windy INST. NO. 9676

NOTES BY Maldonado TIME 1:35 to 2:10 ROD NO. 113A&B

INDEXED C. J. GALLI DATE JUL 20 '72 NOTES CHKD BLANCHARD DATE AUG 1 '72

F.B. 4125 PG. 229

T-102°

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											From BM 101-137 To BM 101-138
BM 101-137				174					216		BM 101-137
1	129	791	430 5	84	90	167	491	468 5	118	98	S.P.C.R. & Ave G near Mi. Post 403
				166					211		See F.B. 2410-41
2	127	565	428 5	88	78	171	992	472 5	131	80	3737-50
				186	168				181	178	
3	146	050	447 5	106	80	147	779	448 5	113	68	
				155	248				212	246	
4	118	857	419 5	81	74	174	159	475 5	136	76	T-Siemann
				177	322				224	322	
5	137	611	438 5	97	80	185	890	486 5	146	78	Re-Run
				167	402				224	400	
6	127	276	428 5	87	80	183	392	484 5	142	82	
				168	482				200	482	
7	139	657	440 5	110	58	173	394	474 5	146	54	
				169	540				163	536	
8	148	010	449 5	127	42	141	495	442 5	119	44	
					582					580	
										582	
	1074	817				1345	592			1162	
						1074	817				
						270	775				
BM 101-138											BM 101-138 (U.S.C.&G.S. Y-56 1926)
											S.P.C.R. & 0.7 mi. N. of Ave. G
											See F.B. 2410-42
											3737-52

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Hazy & Breezy INST. NO. 967

TIME 2:15 TO 2:45 ROD NO. 7134

NOTES CHKD BLANCHARD DATE AUG 1 72

T-102

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 101-138 TO BM101-137
BM 101-138		4		196				172	BM101-138 (U.S.C.&G.S. Y-56 1926)
1	148	098	449 5	100 96	125	602	426 5	78 94	S.P.C.R. & 0.7 mi. N. of Ave. G.
				232				174	See F.B. 2410-42
2	189	032	490 5	146 86	129	372	430 5	84 90	3737-52
				228 182				168 184	
3	182	972	483 5	136 92	122	166	423 5	76 92	
				221 274				189 276	
4	176	840	477 5	131 90	144	630	445 5	99 90	π-Siemann
				216 364				177 366	
5	172	184	473 5	128 88	132	500	433 5	87 90	Re-Run
				223 452				201 456	
6	178	590	479 5	133 90	157	630	458 5	113 88	
				190 542				154 544	
7	172	741	473 5	154 36	137	972	438 5	120 34	
				578				578	
								578	
	1220	457			949	872		1156	
	949	872							
	270	585							
BM 101-137									
									BM101-137
									S.P.C.R. & Ave. G. near Mi Post 403
									See F.B. 2410-41
									3737-50

F.B. 4125 PG. 230

SURVEY OF L.A.Co. Precise Level Net JOB NO. 0301.02

SURVEY BY Dreier NOTES Malamado DATE 7-7-72

INDEXED C. J. GALLI

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 E 110

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 6-30-72

INDEXED C. J. GALLI DATE JUL 20 '72

WEATHER CLEAR

TIME 11:25 TO 11:40

NOTES CHKD BLANCHARD DATE AUG 1 '72

FIB. 4125 Pg. 231

INST. NO 96716

ROD NO 713AB

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 101-139 TO B.M. 101-140
B.M. 101-139									B.M. 101-139 (U.S.C.&G.S. 2302)
1	107	413	408 5	144 70 74	154	026	455 5	191 117 74	S.P.C.R.R. 0.1 MI. N. OF AVE. F
									SEE F.B. 2410-42, 3737-54
2	157	843	458 5	196 118 78	73	749	374 5	112 34 78	
				152				152	T = MALDONADO
3	71	100 ~~372~~	372 5	106 36 70	124	754	425 5	160 88 72	
				222					
B.M. 101-140									B.M. 101-140 (U.S.C.&G.S. OBAN R.M. #1)
	336	356			352	529		224	SIERRA HWY. 0.4 MI. N. OF AVE. F.
					336	356		222	SEE F.B. 2410-42, 3737-56
					16	173		446	
	RERUN			7-10-72	10:35 TO 10:50				T = 94° WINDY
B.M. 101-139									
1	109	504	410 5	146 72 74	158	125	459 5	195 121 74	
2	154	858	455 5	184 124 60	106	370	407 5	136 76 60	
				134				134	RERUN 7-10-72
3	117	942	418 5	142 92 50	176	349	477 5	202 150 52	
				184				186	T DREIER
4	172	647	473 5	197 147 50	129	597	430 5	154 104 50	
				234				236	
B.M. 101-140								234	
	554	951			570	441		470	
					554	951			
					15	490			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 9671 ROD NO. 713A DATE AUG 1 72

WEATHER HAZY SUN T = 114°

TIME 1:15 TO 1:30

NOTES CHKD. BLANCHARD

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 101-140 TO B.M. 101-139
B.M. 101-140									B.M. 101-140 (U.S.C.&G.S. O BAN RM #1)
1	138	376	439.5	169 / 107 / 62	201	100	502.5	236 / 168 / 66	SIERRA HWY. 0.4 MI. N. OF AVE. F
									SEE F.B. 2410-42, 3737-56
2	163	77 / 196	464.5	197 / 129 / 68	146	276	447.5	178 / 114 / 64	
3	158	976	459.5	189 / 127 / 62 / 130	143	460	444.5	174 / 112 / 62 / 130	T = MALDONADO
4	169	537	470.5	191 / 147 / 44 / 192	123	898	424.5	144 / 102 / 42 / 192	
				236				234	
B.M. 101-139								236	B.M. 101-139 (U.S.C.&G.S. 2302)
	630	066			614	734		470	S.P.C.R.R. 0.1 MI. N. OF AVE. F
	614	734			630	066			SEE F.B. 2410-42, 3737-54
+	15	332			- 14	668			
			RERUN 7-10-72					10:50 TO 11:05	T = 100 WINDY
B.M. 101-140									
1	129	603	430.5	153 / 105 / 48	164	618	465.5	193 / 135 / 58	
2	13 / 40	065	441.5	171 / 109 / 62	147	041	448.5	178 / 116 / 62	↑ DREIER
3	162	3 / 577	463.5	199 / 125 / 74 / 110	154	007	455.5	185 / 123 / 62 / 120	
4	172	762	473.5	196 / 148 / 48 / 184	123	750	424.5	142 / 99 / 48 / 182	
				232				230	
B.M. 101-139								232	
	604	807			589	416		462	
	589	416							
	15	391							

F.B. 4123 PG. 232 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-30-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=110°

F.B. 4125 PG. 233

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

NOTES BY SIEMANN DATE 6-30-72 TIME 11:40 TO 11:45 ROD NO 1713AB

INDEXED C. J. GALLI DATE JUL 20 72 NOTES CHKD. BLANCHARD DATE AUG 1 72

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.101-140 TO B.M.101-141
B.M.101-140									B.M.101-140 (U.S.C.&G.S. OBAN R.M. II 1)
1	152	933	453 5	155 149 6	71	982	372 5	75 67 8	SIERRA HWY. 0.4 MI. N. OF AVE F SEE F.B. 2410-42, 3737-56
	71	982						6	~~T = MALDONADO~~
B.M.101-141	+80	951						14	B.M.101-141 (U.S.C.&G.S. OBAN) SIERRA HWY. 0.4 MI. N. OF AVE. F SEE F.B. 2410-42, 3737-58

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.

INST. NO. 96716 ROD NO. 7124 DATE AUG 1 '72

WEATHER CLEAR

TIME 11:55 TO 12:00

NOTES CHKD. BLANCHARD

T = 110

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 101-141 TO B.M. 101-140
B.M. 101-141													B.M. 101-141 (U.S.C.&G.S. OBAN)
													SIERRA HWY. 0.4 MI. N. OF AVE. F.
1	69	806	370	5	72 66	6	150	758	451	5	153 147	6	SEE F.B. 2410-42, 3737-58
													~~T = MALDONADO~~
							69	806				6	
B.M. 101-140							80	952				12	B.M. 101-140 (U.S.C.&G.S. OBAN R.M. #1)
													SIERRA HWY. 0.4 MI. N. OF AVE. F.
													SEE F.B. 2410-42, 3737-56

F.B. 4125 PG. 234

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-30-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M 101-141 TO B.M. 101-142
B.M. 101-141									B.M. 101-141 (U.S.C.&G.S. OBAN)
									SIERRA HWY. 0.4 MI. N. OF AVE. F.
1	64	072	365 5	70 58 12	148	901	449 5	154 142 12	SEE F.B. 2410-42, 3737-58
									~~A = MALDONADO~~
					64	072		12	
B.M. 101-142					84	829		24	B.M. 101-142 (U.S.C.&G.S. OBAN R.M.2)
									SIERRA HWY. 0.4 MI. N. OF AVE. F
									SEE F.B. 2410-42, 3737-60

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 110°

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

NOTES BY SIEMANN DATE 6-30-72 TIME 11:45 TO 11:50 ROD NO. 1713AB

INDEXED C. J. GALLI DATE JUL 20 '72 NOTES CHKD BLANCHARD DATE AUG 1 72

F.B. 4125 PG. 235

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.142 TO B.M.101-141
B.M.101-142									B.M.101-142 (U.S.C.G.S. OBAN R.M. #2)
									SIERRA HWY. 0.4 MI. N. OF AVE. F.
1	147	001	4485	153 141 12	62	172	363	5	68 56 12 SEE F.B. 2410-42, 3737-60
									~~A = MALDON ADD~~
	62	172							12
B.M.101-141	84	829							24 B.M.101-141 (U.S.C.&G.S. OBAN)
									SIERRA HWY. 0.4 MI. N. OF AVE. F.
									SEE F.B. 2410-42, 3737-58

T = 110°

WEATHER CLEAR INST. NO. 96711

TIME 11:59 TO 11:55 ROD NO. 1213

NOTES CHKD BLANCHARD DATE AUG 1 '72

F.B. 4123 PG. 236 JOB NO. 03.01.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-30-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 7-10-72 WEATHER WINDY INST. NO. 96716
INDEXED C. J. GALLI DATE AUG 20 '72 TIME 1100 TO 1 ROD NO. 1713A-18
NOTES CHKD BLANCHARD DATE AUG 1 '72
F.B. 4125 PG. 237

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 101-142 TO BM 101-143
BM 101-142									BM 101-42 (U.S.C & GS OBAN No. 21941)
1	132	805	433 5	165 99 66	178	546	479 5	209 147 62	SIERRA HWY, 0.4 MI. N. OF AVE F
									SEE F.B. 2410-42, 3737-60
2	186	120	487 5	223 149 74	187	607	488 5	222 152 70	
3	149	640	450 5	182 140 116 66	167	340	468 5	204 132 130 74	R. SIEMANN
4	164	652	465 5	199 206 129 70	174	939	475 5	208 206 140 68	
5	159	709	458 5	191 276 123 68	165	650	466 5	200 274 130 70	
6	167	549	468 5	202 344 132 70	169	478	470 5	203 344 135 68	
7	144	165	445 5	171 414 117 54	79	069	380 5	110 412 48 62	
				468				474	
BM 101-143	1102	640						468	BM 101-143 (U.S.C.&G.S. H-487 1955)
					1122	629		942	S. P. R.R. & AVE. E
					1102	640			SEE F.B. 2410-43
					19	989			

100°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 101-143 TO B.M. 101-142
B.M. 101-143									B.M. 101-143 (U.S.C. & G.S. H 487 1955)
1	88	010	389 5	116 60 56	154	411	455 5	182 126 56	S.B.R.R. & AVE. E
									SEE F.B. 2410-43
2	173	969	474 5	207 139 68	170	831	471 5	204 136 68	
				124				124	
3	165	237	466 5	201 129 72	168	609	469 5	203 133 70	⊼ R-SIEMANN
				196				194	
4	197	840	498 5	233 161 72	175	042	476 5	212 138 74	
				268				268	
5	179	405	480 5	215 143 72	162	589	463 5	197 127 70	
				340				338	
6	188	569	489 5	224 152 72	187	409	488 5	222 152 70	
				412				408	
7	177	220	478 5	208 146 62	131	901	432 5	164 98 66	
				474				474	
B.M. 101-142								474	B.M. 101-142 (OBAN NO 2 1941)
	1170	250			1150	792		948	SIERRA HWY 0.4 MI. N. OF AVE. F
	1150	792							SEE F.B. 2410-42, 3737-60
	+19	458							

F.B. 4123 PG. 238 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 7-10-72

INDEXED C. J. GALLI DATE

WEATHER WINDY 103° INST. NO. 9671

TIME 11:30 ROD NO. 173A

NOTES CHK. BLANCHARD DATE

75P526B CE # 308.8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M.101-143 TO B.M.101-142
B.M.101-143									B.M.101-143 (U.S.C.&G.S. H 487 1955)
1	78	980	379 5	109 47 62	144	596	445 5	176 112 64	S.P.R.R. & AVE. E,
2	159	535	460 5	193 125 68	149	989	450 5	187 110 77	SEE F.B. 2410-43
3	158	403	459 5	194 122 130 72	146	000	447 5	181 111 141 70	RERUN
4	158	580	459 5	192 124 202 68	160	989	461 5	189 131 211 58	R. SIEMANN
5	165	988	466 5	200 130 270 70	147	545	448 5	181 113 269 68	
6	166	540	467 5	201 131 340 70	140	140	441 5	172 109 337 73	
7	153	669	454 5	188 118 410 70	132	830	433 5	168 96 410 72	
				480				482	
B.M.101-142								480	B.M. 101-142 (U.S.C.&G.S. OBAN NO. 2 1941)
	1041	695			1022	089		962	SIERRA HWY 0.4 MI.
	1022	089							
	+19	606							

LOS NO. 0501.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 101°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 7-10-72 WEATHER WINDY INST. NO. 96766
INDEXED C. J. GALLI DATE AUG 20 72 TIME 2:00 ROD NO. 1713A-B
NOTES CHKD. BLANCHARD DATE AUG 1 72

F.B. 412 B PG. 239

4125

F.B. 4125 PG. 240 JOB NO. 0301.07

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES G.E. DREIER 7-10-72

INDEXED C. J. GALLI DATE

WEATHER WINDY

TIME 2:30 TO 3:00

NOTES CHKD BLANCHAR

	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-142 TO B.M. 101-143
B.M. 101-142									B.M. 101-142 (U.S.C. & G.S. OBAN NO. 2)
1	135	345	436 5	171 99 72	159	114	460 5	194 124 70	SIERRA HWY., 0.4 MI. N. OF AVE. F
									SEE F.B. 2410-42, 3732-60
2	142	510	443 5	178 106 72	165	060	466 5	200 130 70	
3	149	330	450 5	183 144 115 68	167	049	468 5	201 140 133 68	RERUN
4	166	589	467 5	204 212 128 76	181	649	482 5	221 208 141 80	⊼ R. SIEMANN
5	158	993	459 5	194 288 122 72	159	248	460 5	194 288 124 70	
6	165	250	466 5	199 360 131 68	168	461	469 5	203 358 133 70	
7	155	111	456 5	179 428 131 48	92	092	393 5	117 428 67 50	
				476				478	
B.M. 101-143								476	B.M. 101-143 (U.S.C. & G.S. H-
	1073	128			1092	673		954	S.P. RR. & AVE. E
					1073	128			SEE F.B. 2410-43
					-19	545			