Notes Ck'd by	Survey of L.A.Co PRECISE LEVELING	F. B. 4117 PG. 5
Map No.	JN 2301.02 Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

BOOK INDEX

	PAGE
LINE NO. 39, 1971 RELEVELING.	7 TO 72
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LINE NO. 53, 1971 RELEVELING	155 TO 240

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET	F. B. 4117 Pg. 7
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by G.E. DREIER	
Checked	Notes Date	
Date	Indexed B.L. GALLI JL 29 '71	

JOB No. 0301.02

L.A. CO. PRECISE LEVEL NET

LINE NO 39, JULY 1971 RELEVELING

DREIER
NUNEZ
MALDONADO
McKNIGHT
MIYAHIRA

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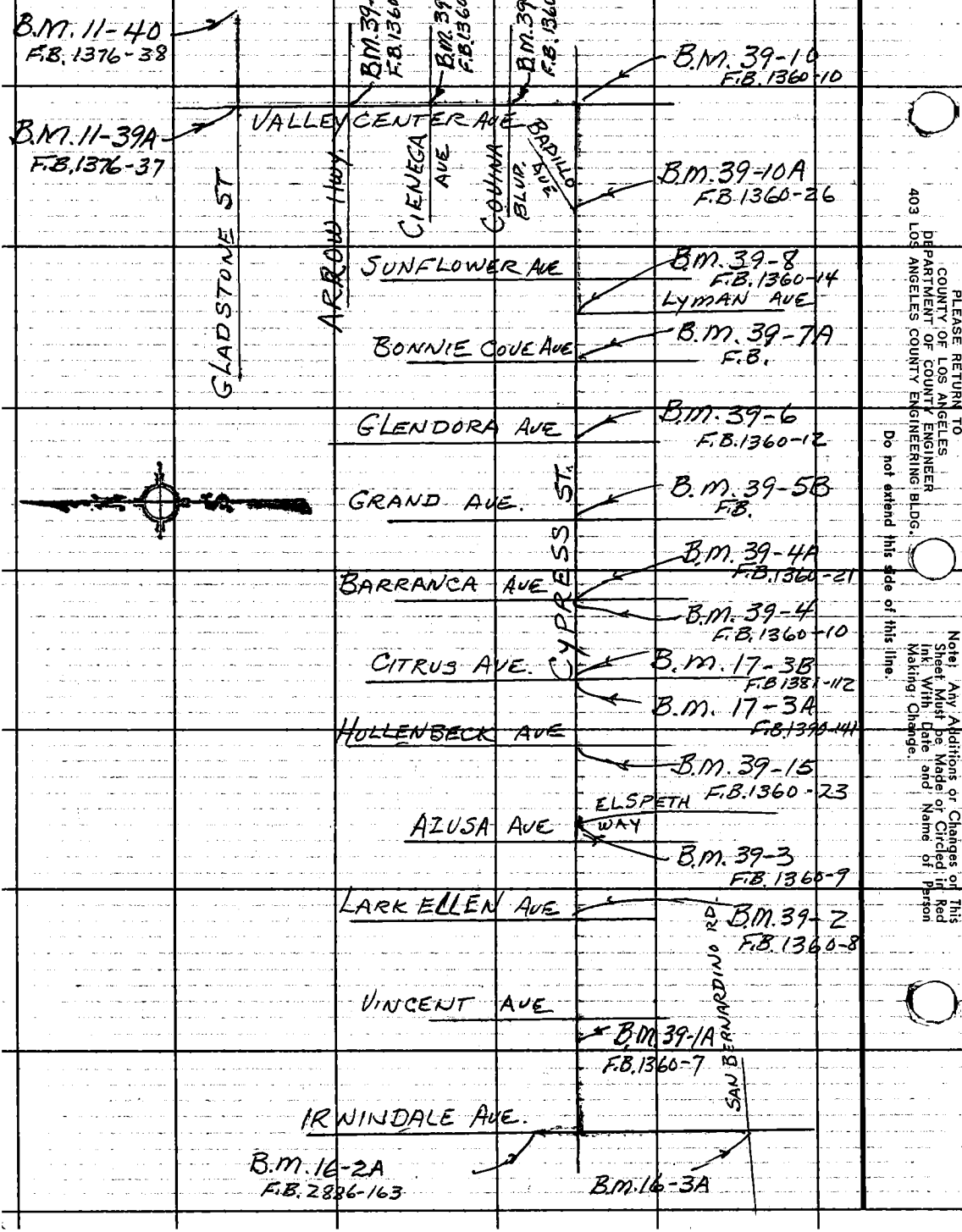
76F309S CE#310 3-68

F. B. 4117 PG 8

ROUTE SKETCH LINE 39

JULY 1971



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76P526B CE # 308 8-59

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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	147	769	448 5	149 145 4	182	115	483 5	209 155 54	54 M- 4 M= 50 M=0.20 mm
2	149	141	450	151 147 4	114	791	415	141 87 54	54 M- 4 M= 50 M=0.20 mm
	296	910		8	296	906		108	
	296	866				040 mm			
	+	0.44 mm			-0.	mm		8	Curvature Corr.=0.40 mm
					296	866		100	
					-				
		+	0.004	mm= "C"					
	100		044						
							mm= "C"		

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-10

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 7-7-71 WEATHER Hazy Sun INST. NO. 96716

INDEXED G. J. GALLI DATE JL 29 71 TIME 9:05 ROD NO. 95 & 96

NOTES CHKD. ____ DATE ____

F.B. 4117 PG. 9

76P526B CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-72°

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

NOTES BY Maldonado DATE 7-8-71 TIME 8:50 ROD NO. 95896

INDEXED G.J. GALLI DATE JUL 29 '71 NOTES CHKD DATE

F.B. 4117 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	159	660	460 5	161 157 4	152	660	453 5	179 125 54	54 M- 4 M= 50 M=0.20 mm
2	144	760	445 5	146 142 4	151	775	452 5	178 124 54	54 M- 4 M= 50 M=0.20 mm
	304	420		8	304	435		108	
	304	395				040 mm			
	+	025			~~0.~~	mm		8	Curvature Corr.=0.40 mm
					304	395		100	
					-				

+ 0.002 mm= "C"

100 / 0.250

mm= "C"

76P526B CE # 308 6-59

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

SURVEY BY G. E. DREIER WEATHER HAZE INST. NO. 96 W6

NOTES BY NUNEZ DATE 7-9-71 TIME 9:00 ROD NO. 95 & 96

INDEXED [illegible] DATE [illegible] 29 71 NOTES CHKD. DATE

F.B. 4117 PG. 13

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	145	097	446 5	147 / 143 4	69	618	370 5	96 / 42 54	54 M- 4 M= 50 M=0.20 mm
2	152	838	453 5	154 / 150 4	228	287	529 5	255 / 201 54	54 M- 4 M= 50 M=0.20 mm
	297	935		8	297	~~335~~ 905		108	
	297	865				0.40			
	+	070			~~-0.~~	~~mm~~		8	Curvature Corr.=0.40 mm
					297	865		100	
					-				
		+ 0.007	mm= "C"						
	100	0.70							
							mm= "C"		

76P526B CE # 308 8-59

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

SURVEY BY GE Dreier

NOTES BY Nunez DATE 7-12-71 WEATHER HAZE TIME 8:50 INST. NO. 96716 ROD NO. 95E96

INDEXED G.L. GALLI DATE JL 29 71 NOTES CHKD DATE

1-86 PAGE T111 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	146	076	447 5	148 144 4	175 ~~59~~	341	476 5	202 148 54	54 M- 4 M= 50 M=0.20 mm
2	148	849	449 5	150 146 4	119	551	420 5	146 92 54	54 M- 4 M= 50 M=0.20 mm
	294	925		8	294	892		108	
	294	852				0.40 mm			
	+	0.73 mm			~~-0.~~	~~mm~~		-8	Curvature Corr.=0.40 mm
					294	852		100	
					-				

+ 0.007 mm= "C"

1001 0.73

mm= "C"

76P526B CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 7-

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-13-71

INDEXED [illegible] DATE [illegible] 29 71

WEATHER Hazy Sun

TIME 8:55

NOTES CHKD

INST. NO. 96716

ROD NO. 95 & 96

DATE

P.B. 4111 PG. 17

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	152	915	453 5	154 150 4	206	227	507 5	133 179 54	54 M- 4 M= 50 M=0.20 mm
2	145	071	446 5	147 143 4	91	794	392 5	118 64 54	54 M- 4 M= 50 M=0.20 mm
	297	986		8	298	021		108	
	297	981				040 mm			
	+	005			~~-0.~~	~~mm~~		8	Curvature Corr.=0.40 mm
					297	981		100	
					-				

+ 0.0005 mm= "C"

100 / 0.0500

mm= "C"

76P526B CE # 308 8-59

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-14-71 WEATHER Hazy Sun INST. NO. 96716

INDEXED [illegible] DATE [illegible] 29 71 TIME 9:05 ROD NO. 95 & 96

NOTES CHKD DATE

F.B. 4117 PG 19

T-82

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	065	461 5	162 158 4	218	830	519 5	24~~4~~5 19~~7~~ 54	54 M- 4 M= 50 M=0.20 mm
2	151	866	452 5	153 149 4	92	939	393 5	119 65 54	54 M- 4 M= 50 M=0.20 mm
	311	931		8	311	769		108	
	311	729				040 MM		8	Curvature Corr.=0.40 mm
	+	202			~~0.~~	~~mm~~			
					311	729		100	
					-				

+ 0.020
~~2.000~~ mm= "C" BEFORE ADJUSTMENT SEE PAGE 21 FOR AFTER ADJUSTMENT.

100/2.020
200
20

mm= "C"

5
192
982

22
192
982

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 16-2A TO
BM 16-2A													
1													
1.	153	510	454	5	155 151	4	94	579	395	5	121 67	54	54 M - 4 = 50 M = 0.20
2	165	846	466	5	167 163	4	224	611	525		251 197	54	54 M - 4 = 50 M = 0.20
						8						108	
	319	356					319	190				8	Curv. Corr. = 0.40
	319	150						.040 mm					
		206					319	150				100	

+ 0.021 M.M. = C BEFORE ADJUSTMENT

~~+2.00~~

100) 2.060

200

6

F.B. 4117 PG. 20 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES MALDONADO 7-14-71

INDEXED C.L. GALLI DATE

WEATHER INST. NO. 96716

TIME 11:40 ROD NO. 95 & 96

NOTES CHKD DATE

76P526B CE # 308 8-59

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-14-71 WEATHER Hazy Sun INST. NO. 96716

INDEXED [illegible] DATE [illegible] 29 71 TIME 9:30 ROD NO. 95596

NOTES CHKD. DATE

F.B. 4117 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	165 ~~224~~	847 ~~715~~	466 ~~525~~ 5	163 ~~251~~ ~~197~~ 167 4	224	715	525 5	251 197 54	54 M- 4 M= 50 M=0.20 mm
2	153	423	459 5	155 151 4	94	644	395 5	121 67 54	54 M- 4 M= 50 M=0.20 mm
	319	270		8	319	359		108	
	+					040 mm		8	Curvature Corr.=0.40 mm
					~~0.~~	mm			
					319	319		100	
					319	270			
					-	049			
				mm= "C"					
						0.0 ~~049~~ 5 mm = "C"			AFTER ADJUSTMENT
					100	0.4900			
						400			
						900			

/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 Nunez DATE 7-7-71 WEATHER Sunny

INDEXED J. GALLI DATE JUL 29 71 NOTES CHKD BLANCHARD DATE AUG 11 71 TIME 9:25-9:50 INST. NO. 96716 ROD NO. 95-96

F.B. 4117 PG. 23

T-70°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 16-3A TO B.M. 16-2A
B.M. 16-3A	+33	23					-34	42					B.M. 16-3A
1	186	501	487	5	218 154	64	100	759	401	5	132 68	64	SAN BERNADINO RD. & IRWINDALE AVE
													SEE F.B. 3712-8
2	187	228	488	5	218 156	62 126	85	594	386	5	119 51	68 132	
3	217	752	518	5	245 185	64 190	142	887	443	5	171 113	58 190	J. MALDONADO
4	160	168	461	5	192 128	64 254	133	683	434	5	164 102	62 252	
5	174	804	475	5	205 143	62 316	117	473	418	5	148 86	62 314	
6	216	447	517	5	248 184	64 380	37	460	338	5	69 5	64 378	
7	244	413	545	5	266 222	44 424	115	403	416	5	137 215	44 422	
8				5						5		424	
	887313						433 259					846	
	733 259						7						
	+ 744054						~~654054~~						
	65						~~79205~~						
BM 16-2A													BM 16-2A Irwindale Ave. N. of Cypress St. @ Big Dalton Wash see F.B. 2886-163

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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 BM16-2A TO BM16-3A
BM 16-2A	116	151	417	5	136		194	633	495	5	214		BM 16-2A
1	~~119~~	~~961~~	~~420~~	5	139 / 119 / 116	40	~~253~~	~~371~~	~~554~~	5	~~274~~ / ~~232~~ / 174	~~42~~ / 40	Irwindale Ave. & N. of Cypress St. @ Big Dalton Wash
2	48	682	349	5	68 / 28	40	207	473	508	5	228 / 186	42	See F.B. 2886-163
						80						82	
3	69	252	370	5	98 / 69	58	170	041	471	5	199 / 141	58	
						138						140	
4	124	592	425	5	155 / 93	62	164	060	465	5	196 / 132	64	
						200						204	
5	135	983	436	5	168 / 102	66	159	711	460	5	191 / 127	64	
						266						268	
6	63	467	364	5	94 / 32	62	202	092	503	5	230 / 174	56	
						328						324	
7	119	533	420	5	146 / 92	54	185	242	486	5	214 / 156	58	
						382						382	
8	115	401	416	5	134 / 96	38	163	687	464	5	184 / 142	42	
						420						424	
												420	
	793	061					1446	939				844	BM. 16-3A
BM 16-3A							793	061					IRWINDALE AVE & SAN BERNARDINO RD
							653	878					SEE F.B. 3712-8

T-90

F.B. 4117 PG. 64 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Nunez 7-13-71

INDEXED C.C. GALLI DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 11:30-12:10 ROD NO. 95696

NOTES CHKD BLANCHARD DATE

/76P526B CE # 308 8/68

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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 BM 16-2A TO BM 39-1A
BM 16-2A													BM 16-2A
1	113	683	414	5	1 134 / 2 113	42	250	870	551	5	271 / 229	42	Irwindale Ave., north of Cypress
													St. at Big Dalton wash
2	49	870	350	5	71 / 27	44	126	822	427	5	148 / 104	44	See F.B. # 2886 - 163
						86						86	
3	180	432	481	5	206 / 154	52	126	092	427	5	132 / 100	52	
						138						138	
4	192	968	493	5	220 / 164	56	11~~9~~ 7	869	418	5	145 / 89	56	Π-Maldonado
						194						194	
5	201	916	502	5	226 / 176	50	145	656	446	5	170 / 120	50	
						244 ✓						244 ✓	
6				5						5		244	
	738	86~~2~~9 ✓					767	~~299~~ 30 ✓				488 ✓	
7				5			738	869		5			
							-28	4~~3~~0 4 ✓					
8													BM 39-1A
													Cypress St. & Ellen Drive (±149' W)
9													See F.B. 1360-7
BM 39-1A													

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

SURVEY BY G.E. Dreier

NOTES BY Nunez DATE 7-7-71

INDEXED L. J. GALLI DATE JUL 29 71

WEATHER Sunny

TIME 10:10 - 10:40

NOTES CHKD BLANCHARD DATE

INST. NO. 96716

ROD NO. 95-96

F.B. 4117 PG 25

7-80

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM39-1A TO BM16-2A
BM39-1A													BM39-1A
1	127	537	428	5	160 / 94	66	189	858	490	5	224 / 154	70	Sypress St. & 149' ± W. of Ellen Dr.
2	98	178	399	5	130 / 66	64	193	360	494	5	226 / 160	66	See F.B. 1360-7
						130						136	
3	92	143	393	5	125 / 59	66	39	609	340	5	71 / 7	64	
						196						200	⊼ J. MALDONADO
4	253	423	554	5	275 / 231	44	120	001	421	5	140 / 120	40	
						240 ✓						240 ✓	
												240	
	571	281 ✓					542	828 ✓				480	✓ B.M. 16-2A
BM16-2A	542	828											IRWINDALE AVE & N. of CYPRESS ST
	+28	453 ✓											SEE F.B. 2886-163

T-88

WEATHER Hazy Sun INST. NO. 9671

TIME 11:20 - 11:30 ROD NO. 9549

NOTES CHKD BLANCHARD DATE 11

F.B. 4117 PG. 68 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Nunez 7-13-71

INDEXED R. J. GALLI DATE

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 BM 39-1A TO BM 39-2
BM39-1A	459	34					65	44					BM 39-1A
1	195	513	496	5	227 / 163	64	106	259	407	5	138 / 74	64	Cypress St. and Ellen Dr., on the
													℄ of Cypress St. 149' west of
2	174	402	475	5	202 / 146	56	96	401	397	5	122 / 70	52	Ellen Dr. and 37.6 northerly of
						120					133 / ~~128~~	116	P.P.# 952713E.
3	172	329	473	5	202 / 142	60	103	277	404	5	~~78~~ 73	60	See F.B. 1360-7
						180						~~166~~	
4	207	209	508	5	231 / 183	48	11~~7~~6	922	417	5	146 / 86	176 / 60	
						228 / ~~234~~						236	
5	213	523	514	5	243 / 183	60	94	300	395	5	124 / 64	60	
						288 / ~~284~~						296	π-Maldonado
6	192	449	493	5	224 / ~~524~~ / ~~417~~ / 163	61 / ~~41~~ / 359	89	893	390	5	118 / 59	59	
												355	
7	207	323	508	5	237 / 177	60	96	809	397	5	126 / 66	60	
						409 / ~~403~~						415	
8	21~~7~~8	152	519	5	249 / 187	62	91	483	392	5	122 / 60	62	
						471						477	
9	212	071	513	5	243 / 181	62	94	473	395	5	124 / 64	60	
						53~~7~~						537	
10	216	672	517	5	246 / 186	60	69	551	370	5	99 / 39	60	
						59~~7~~						597	
11	169	902	470	5	180 / 158	22	15~~2~~1	013	452	5	163 / 139	24	
						~~621~~ 615 ✓						621 ✓	
												619 / ~~621~~	BM 39-2
	2179	545 ✓					1110	388 ✓				~~1242~~ 1236	Cypress St. & Lark Ellen Ave.
BM 39-2	1110	388											See F.B. 1360-8 ℄ Int.
	+1069	157 ✓											

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

SURVEY BY G.E. Dreier

NOTES BY Nunez DATE 7-7-71

INDEXED [illegible] GALLI DATE JUL 29 71

WEATHER Sunny

TIME 10:45-11:55

NOTES CHKD BLANCHARD DATE 11 71

INST. NO. 96716

ROD NO. 95-96

F.B. 4117 PG 27

T 84

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 Sun INST. NO. 9621
TIME 10:20 - 11:10 ROD NO. 9558
NOTES CHKD. DATE 11-
7-88

SURVEY OF L.A.Co. Precise Lev/Net JOB NO. 0361.02
SURVEY BY Dreier NOTES Nunez 7-13-71
INDEXED L.L. BALLI DATE
F.B. 4111 PG. 18

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													From BM 39-2 To BM 39-1A
BM 39-2					127 ~~124~~	52							BM 39-2
1	101	265	402	5	~~74~~ 75	~~50~~	205	364	506	5	229 181	48	Cypress St. & Lark Ellen Av.
													F.B. 1360-8 & Int.
2	87	048	388	5	117 57	60	210	895	511	5	241 179	62	
						112						110	
3	87	454	388	5	120 54	66	204	299	505	5	~~237~~ 171	66	
						178						176	
4	68	439	369	5	100 36	64	195	529	496	5	228 162	66	
						242						242	↑ J. MALDONADO
5	92	966	353	5	124 60	64	215	022	516	5	246 184	62	
						306						304	
6	96	898	397	5	129 63	66	184	232	485	5	216 152	64	
						372						368	
7	90	481	391	5	122 58	64	198	802	499	5	230 166	64	
						436						432	
8	100	230	401	5	133 67	66	186	114	487	5	218 154	64	
						502						496	
9	105	119	406	5	132 78	54	190	779	491	5	220 160	60	
						556						556	
10	112	863	413	5	143 81	62	220	952	521	5	251 189	62	
						618 ✓						618 ✓	
												618	
	942	763 ✓					2011	992 ✓				1236 ✓	
							942	763					
BM 39-1A													B.M. 39-1A
						-	1069	229 ✓					~~IRWINDALE AVE.~~
													CYPRESS ST. & W. of VINCENT
													SEE F.B. 1360-7

/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 7-7-71 WEATHER Hazy Sun INST. NO. 36716
TIME 1:10 to 2:10 ROD NO. 23-446
INDEXED J. GALLI DATE JUL 29 71 NOTES CHKD. BLANCHARD DATE
F.B. 4117 PG. 27

T-90°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 39-X2 TO BM 39-3
BM 39-2													BM 39-2
	355	63			221	2	534	44			171		Cypress St. & Lark Ellen Ave.
1	200	473	501	5	179	48	148	893	449	5	125	46	See F.B. 1360-8 ℄ Int.
					194						220		
2	166	907	467	5	138	56	191	258	492	5	162	58	
					246	98					61	104	
3	215	578	516	5	184	62	32	301	333	5	3	58	T-Miyahira
					289	160					76	162	
4	289	690	590	5	252 ½	74	37	421	338	5	2	78	
					259	234					108	240	
5	222	774	523	5	185	74	73	526	374	5	38	70	
					227	308					92	310	
6	227	060	528	5	190 ½	74	54	625	355	5	16	76	
					284	382					139	386	
7	245	205	546	5	208	76	103	775	404	5	67	72	
					245	458					104	458	
8	215	683	516	5	185	60	74	335	375	5	44	60	
					215	518					116	518	
9	215	694	516	5	189 ½	52	90	394	391	5	64	52	
					196	570					204	570	
10	192	283	493	5	188	8	200	155	501	5	196	8	
						578 ✓						578 ✓	
												578	
	2191	347 ✓					1006	683 ✓				1156	✓ BM 39-3 (PUENTE L-1 1938)
	1006	683											Cypress St. & Elspeth Way (70.7 w.
BM 39-3 +	1184	664											See F.B. 1360-9 ℄ Int.).

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 39-3 TO BM 39-2
BM 39-3	1	33		148	346	65		253	BM 39-3 (PUENTE L-1 1938)
1	177	046	418 5	86 62	221	793	522 5	189 64	Cypress St. & Elspeth Way
				93				258	See F.B. 1360-9
2	62	262	363 5	31 62	227	123	528 5	196 62	
				137 124				255 126	
3	109	728	410 5	81 56	229	285	530 5	203 52	
				109 180				233 178	
4	79	741	380 5	49 60	203	781	504 5	173 60	π-Miyahira
				115 240				246 238	
5	86	800	387 5	57 58	215	038	516 5	184 62	
				129 298				261 300	
6	100	610	401 5	71 58	233	968	534 5	205 56	
				105 356				228 356	
7	75	815	376 5	45 60	278	590	579 5	248½ 60	
				70 416				230 416	
8	41	925	342 5	12 58	202	779	503 5	174 56	
				200 474				171 472	
9	170	820	471 5	140 60	140	778	441 5	109 62	
				140 534				215 534	
10	118	575	419 5	96 44	194	949	495 5	173 42	
				578				576	
								578	
	963	322			2148	084		1154	
					963	322			
					-1184	762			BM 39-2
									Cypress St. & Lark Ellen Ave
BM 39-2									See F.B. 1360-8 ℄ Int.

F.B. 4117 PG. 30 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-13-71

INDEXED G. L. GALLI DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 9:00 to 10:10 ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE

1-80

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM39-3 TO BM39-15
BM 39-3	21	1			291						154		BM39-3 (PVENTE L-1 1938)
1	266	205	567	5	241	50	129	300	430	5	104	50	Cypress St. & Elspeth Way (70.7' w.
					229						118		See F.B. 1360-9 & Int.)
2	202	615	503	5	175	54	91	434	392	5	64	54	
					213	104					126	104	
3	185	640	486	5	157	56	97	810	398	5	68	58	
					233	160	90				123	162	
4	202	140	503	5	171	62	~~89~~	046	391	5	57	66	
					208	222					193	228	π - Miyahira
5	198	190	499	5	188	20	185	534	486	5	177	16	
						242						244	
												242	
	1054	790					5~~8~~9 4	124				486	
	594	124											BM 39-15 (L.A.C.F.C.D. RESET 1962)
BM39-15	460	666											Cypress St. & Hollenbeck Ave. & Int.
													See F.B. 1360-23

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-7-71

INDEXED L. L. GALLI DATE JUL 29 71

WEATHER Hazy Sun INST. NO. 96716

TIME 2:10 to 2:45 ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE AUG 11

T-90°

F.B. 4447 PG. 21 23

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4117 PG. 37 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-12-71 DATE

INDEXED G.G. BALLI

T-100'

WEATHER Sunny 68°F INST. NO. 96716

TIME 2:55 PM ROD NO. 95496

NOTES CHKD BLANCHARD DATE AUG 11 1971

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM39-15 TO BM39-3
BM39-15	322	11			169						261		BM39-15 (L.A.C.F.C.D. RESET 1962
1	139	073	440	5	109	60	228	347	529	5	195	66	Cypress St. & Holkenbeck Etc
					118						235		See F.B. 1360-23
2	86	937	387	5	54	64	205	086	506	5	175	60	
					126	124					244	126	
3	96	515	397	5	66	60	214	303	515	5	184	60	
					122	184					257	86	T. Miyahira
4	93	773	394	5	64	58	229	073	530	5	201	56	
						242						242	
												242	
	416	298					876	809				484	
							416	298					
							460	511					
													BM39-3 (PUENTE L-1 1938)
BM39-3													Cypress St. & Elspeth Way
													See F.B. 1360-9

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 7-7-71 WEATHER Hazy Sun INST. NO. 96716
NOTES BY Maldonado TIME 2:55 to 3:25 ROD NO. 95-496
INDEXED S.J. GALLI DATE AUG 29 71 NOTES CHKD BLANCHARD DATE AUG 11 71
T-94°
F.B. 4117 PG. 55

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 39-15 TO BM ~~39-42~~ 17-3B
BM 39-15	243	21			232		442	31			125		BM 39-15 (L.A.C.F.C.D. RESET 1962)
1	203	250	504	5	174	58	96	262	397	5	67	58	Cypress St. & Hollenbeck Ave. & Int.
					257						78		See F.B. 1360-23
2	229	150	530	5	201	56	50	870	351	5	22	56	
					300	114					106	114	
3	270	110	571	5	240	60	77	122	378	5	48	58	
					234	174					124	172	T. Miyahira
4	218	905	519	5	202	32	109	072	410	5	94	30	
					248	206					118	202	
5	218	680	519	5	188	60	87	362	388	5	56	62	
					290	266					95	264	
6	248	500	549	5	206	84	54	112	355	5	13	82	
					248	350					58	346	
7	217	665	518	5	186	62	26	280	327	5	26½	64	
						412						410	
												412	
	1606	260					501	080				822	
	501	080											
+	1105	180											BM 17-3B (L.A.C.F.C.D. RESET 1962)
BM 17-3B													Citrus Ave. & Cypress St. Int.
													See F.B. 1381-112

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 17-3B TO BM 39-15
BM	33	31		100	335	2		235	BM 17-3B (L.A.C.F.C.D. RESET 1962)
1	81	070	382 5	62 38	215	843	516 5	195 40	Citrus Ave. Cypress St. ℄ Int.
				85				238	See F.B. 1381-112
2	52	445	353 5	19 66	207	768	508 5	176 62	
				117 104				255 102	
3	83	410	384 5	49 68	223	350	524 5	191 64	
				109 172				273 166	
4	81	580	382 5	53 56	242	973	543 5	211 62	
				66 228				281 228	
5	36	428	337 5	6 60	251	668	552 5	221 60	
				81 288				282 288	X-Miyahira
6	51	551	352 5	21 60	252	550	553 5	222 60	
				133 348				200 348	
7	108	331	409 5	83 50	176	520	477 5	152 48	
				163 398				193 396	
8	156	720	457 5	149 14	185	720	486 5	177 16	
	651	535		412				412	
								412	
					1756	392		824	
					651	535			
BM 39-15					1104	857			BM 39-15 (L.A.C.F.C.D. RESET 1962)
									Cypress St. & Hollenbeck Ave. ℄ Int.
									See F.B. 1360-23

F.B. 4117 PG. 34

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-12-71

INDEXED [illegible] DATE

WEATHER Sunny & Calm INST. NO. 9671

TIME 2:10 to 2:55 ROD NO. 95296

NOTES CHKD. BLANCHARD DATE AUG 11 '71

T-100°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 17-3B									FROM BM 17-3B TO BM 39-15
	55	53		94	334	32		242	BM 17-3B (L.A.C.F.D. RESET 1962)
1	75	696	376 5	56 38	223	637	524 5	204 38	Citrus Ave & Sypress St. ℄ Int.
				123				225	See F.B. 1381-1/12
2	98	670	399 5	73 50	201	540	502 5	177 48	
				223 88				218 86	
3	99	625	400 5	*75 48	194	473	495 5	170 48	
				109 136				238 134	K-Miyahira
4	83	470	384 5	57 52	212	721	513 5	186 52	
				118 188				274 186	
5	93	145	394 5	68 50	247	410	548 5	220 54	Re-Run
				87 238				256 240	
6	62	183	363 5	37 50	232	023	533 5	208 48	
				90 288				249 288	
7	65	449	366 5	40 50	225	548	526 5	201 48	
				107 338				213 336	
8	82	923	383 5	57 50	187	350	488 5	161 52	
				140 388				182 388	
9	129	993	430 5	118 22	171	562	472 5	160 22	
				410				410	
								410	
	791	154			1896	264		820	
					791	154			
					1105	110			
BM 39-15									BM 39-15 (L.A.C.F.C.D. RESET 1962)
									Cypress St. & Hollenbeck Ave.
									See F.B. 1360-23 ℄ Int.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-13-71

INDEXED [illegible] DATE JUL 29 71

WEATHER Hazy Sun

TIME 1:55 to

NOTES CHKD BLANCHARD DATE AUG 11 71

INST. NO. 96716

ROD NO. 95 & 96

T-96°

F.B. 4117 PG. 35

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 17-3B TO BM 17-3A
BM 17-3B									B.M. 17-3B
				177				180	CITRUS AVE & CYPRESS ST.
1	169	251	470	5 16.1 16	172	620	473	5 164 16	SEE F.B. 1381-112
								16	
					169	251		32	π NUNEZ
					-	3369			
BM. 17-3A									B.M. 17-3A
									CITRUS AVE & CYPRESS ST. S.E.
									SEE F.B. 1390-141

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

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

NOTES BY G.E. DREIER DATE 7-8-71 TIME 9:15-40 8125 ROD NO. 95496

INDEXED [redacted] GALLI DATE [redacted] 29 71 NOTES CHKD BLANCHARD DATE [redacted] 11 71

T-75°

F.B. 4117 PG. 37

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 17-3A TO B.M. 17-3B
B.M. 17-3A													B.M. 17-3A
1	171	152	472	5	185 157	28	167	851	468	5	180 154	26	CITRUS AVE. & CYPRESS ST., S.E. COR.
													SEE F.B. 1390-141
	167	851	0									28	
	3	301										54	⊼ NUNEZ
B.M. 17-3B													B.M. 17-3B
													CITRUS AVE & CYPRESS ST., ℄.
													SEE F.B. 1381-112

T: 180

WEATHER Calm & Clear INST. NO. 96716

TIME 2:00 ROD NO. 95894

NOTES CHKD BLANCHARD DATE

F.B. 4111 PG. 50 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES MIYAHIRA 7-12-71

INDEXED [illegible] DATE

76P826B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 17-3A TO B.M. 39-4A
B.M. 17-3A									B.M. 17-3A
1	208	748	509 5	219 / 197 22	135	538	436 5	146 / 124 22	CITRUS AVE & CYPRESS ST. S.E. COR.
									SEE F.B. 1390-141
2	213	970	514 5	244 / 182 62	98	452	399 5	128 / 68 60	
				84				82	
3	214	392	515 5	250 / 178 72	100	973	401 5	132 / 68 64	⊼ NUNEZ
				156				146	
4	208	6~~18~~ 00	509 5	243 / 173 70	33	189	334 5	173 / 233 80	
				226				226	
5	223	549	524 5	254 / 192 62	61	320	362 5	91 / 31 60	
				288				286	
6	247	131	548 5	276 / 218 58	76	340	377 5	106 / 46 60	
				346				346	
7	251	998	552 5	282 / 220 62	118	653	419 5	? 148 / 86 62	
				408				408	
B.M. 39-4A								408	B.M. 39-4A
	1568	388			624	465		816	CYPRESS ST. & BARRANCA
	624	465							SEE F.B. 1360-21
	+943	923							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 75°

SURVEY BY S.E. DREIER

NOTES BY G.E. DREIER DATE 7-8-71

INDEXED [illegible] DATE [illegible] 29 '71

WEATHER HAZE

TIME 9:25 TO 10:10

NOTES CHKD BLANCHARD DATE [illegible] 1 1 '71

INST. NO 96716

ROD NO 95896

F.B. 4117 PG. 39

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 39-4A TO B.M. 17-3A
B.M. 39-4A													B.M. 39-4A
1	138	658	439	5	159 / 117	42	219	473	520	5	240 / 198	42	CYPRESS ST. & BARRANCA AVE. S.E. Cor
													SEE F.B. 1360-21
2	67	993	368	5	97 / 37	60	247	759	548	5	277 / 217	60	
						102						102	
3	77	385	378	5	105 / 49	56	235	057	536	5	263 / 207	56	⊼ NUNEZ
						158						158	
4	79	062	380	5	108 / 50	58	228	228	529	5	258 / 198	60	
						216						218	
5	100	000	401	5	130 / 70	60	213	452	514	5	243 / 183	60	
						276						278	
6	109	542	410	5	138 / 80	58	235	950	536	5	267 / 203	64	
						334						342	
7	75	419	376	5	115 / 35	80	212	973	513	5	212 / 176	72	
	343	32				414	143	33				414	
BM 17-3A												414	BM 17-3A
	648	059					1392	892				828	Cypress St & Citrus Ave, SE Cor
							648	059					See FB 1390-141
							944	833					

F.B. 4117 PG 32 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES MIYAHIRA 7-12-71

INDEXED [illegible] DATE

WEATHER Calm & Clear INST. NO. 96716

TIME 1:15 to 2:00 ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE

T = 96

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 7-13-71 WEATHER Hazy TIME 2:55 to
NOTES BY Maldonado
INDEXED G.L. CALL DATE JUL 29 '71 NOTES CHKD BLANCHARD DATE
INST. NO. 96716 ROD NO. 8346
F.B. 4117 PG. 37

7-100°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM 39-4A To BM 17-3A
BM 39-4A	42.3	1.2			122						244		BM 39-4A
1	100	897	401	5	78	44	222	275	523	5	200	44	Cypress St. & Barranca Ave. SE Cor.
					100						271		See F.B. 1360-21
2	72	510	373	5	44	56	242	583	543	5	213	58	
					104	100					268	102	
3	75	167	376	5	46	58	239	443	540	5	210	58	
					116	158					239	160	T-Nunez
4	87	514	388	5	58	58	213	258	514	5	187	52	
					123	216					236	212	Re-Run
5	92	047	393	5	61	62	208	162	509	5	180	56	
					144	278					270	268	
6	115	833	416	5	86	58	235	512	536	5	200	70	
					115	336					246	338	
7	80	870	381	5	45	70	213	140	514	5	180	66	
						406						404	
												~~406~~	
	624	838										~~810~~	
							~~1574~~	~~565~~					
							~~624~~	~~838~~					
							~~949~~	~~527~~					
17-3A ~~BM 39-4A~~					172						166		BM 17-3A
8	162	272	463	5	152	20	156	343	457	5	146	20	Cypress St. & Citrus Ave. S.E. Cor.
						426						~~830~~	See F.B. 1390-141
												424	
												426	
	787	110					1730	708				850	
							787	110					
							943	598					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 17-3A TO BM 39-4A
BM 17-3A	1 44	12			233						100		BM 17-3A
1	205	918	506	5	177	56	73	340	374	5	46	54	Cypress St. & Citrus Ave. S.E.C.
					240						136		See F.B. 1390-141
2	212	800	513	5	184	56	109	800	410	5	82	54	
					245	112					106	108	
3	206	810	507	5	167	78	65	417	366	5	24	82	
					250	190					93	190	
4	218	963	519	5	186	64	61	643	362	5	29	64	
					276	254					70	254	X-Munez
5	243	034	544	5	210	66	36	517	337	5	36½	68	
					255	320					84	322	Re-Run
6	223	618	524	5	191	64	52	861	353	5	20	64	
					192	384					161	386	
7	179	513	480	5	166	26	147	553	448	5	133	28	
						410						414	
												410	
	1490	656					547	131				824	
	547	131											
	943	525											
BM 39-4A													BM 39-4A
													Cypress St. & Barranca Ave.
													See F.B. 1360-21 S.E.Cor.

F.B. 4117 PG. 5 42 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-14-71

INDEXED [illegible] DATE

7-82

WEATHER Hazy Sun INST. NO. 9671

TIME 9:50 to 10:30 ROD NO. 95

NOTES CHKD BLANCHARD DATE

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 39-4A TO B.M. 39-4
B.M. 39-4A					171						165		B.M. 39-4A
1	161	365	462	5	151	20	155	540	456	5	145	20	CYPRESS ST. & BARRANCA AVE. S.E.C.
											20		SEE F.B. 1360-21
R	155	540									40		
+	5	825											TN NUNEZ
B.M. 39-4													B.M. 39-4
													CYPRESS ST. & BARRANCA AVE &
													SEE F.B. 1360-10

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER HAZE 86°
NOTES BY DREIER DATE 7-8-71 TIME 10:25 INST. NO. 96716
INDEXED [illegible] DATE JUL 29 71 NOTES CHKD BLANCHARD DATE [illegible] ROD NO. 95896
F.B. 4117 PG. 43-35

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 39-4 TO B.M. 39-4A
B.M. 39-4													B.M. 39-4
					167						173		CYPRESS ST. & BARRANCA AVE., ℄
1	157	805	458	5	147	20	163	693	464	5	153	20	SEE F.B. 1360-10
							157	805				20	⊼ NUNEZ
							− 5	888				40	
B.M. 39-4A													B.M. 39-4A
													CYPRESS ST. & BARRANCA AVE. SEC
													SEE F.B. 1360-21

T = 90

WEATHER HAZE INST. NO. 030102

TIME ROD NO. 95896

NOTES CHKD BLANCHARD DATE 1-11-

F.B. 4111 PG. 3674 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES MIYAHIRA 7-12-71

INDEXED G. J. GALLI DATE

76P626B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 39-4 TO B.M. 39-5B
B.M. 39-4									B.M. 39-4
1	225	158	526 5	250 / 200 50	99	908	400 5	125 / 73 52	CYPRESS ST. & BARRANCA AVE, ℄. SEE F.B. 1360-10
2	221	619	522 5	248 / 194 54	103	314	404 5	131 / 75 56	
3	217	686	518 5	251 / 183 104 / 68	67	670	368 5	98 / 34 108 / 64	⊼ NUNEZ
4	212	699	513 5	242 / 182 172 / 60	76	558	377 5	106 / 46 172 / 60	
5	252	715	553 5	283 / 221 232 / 62	86	882	387 5	117 / 55 232 / 62	
6	221	856	522 5	252 / 190 294 / 62	77	338	378 5	105 / 49 294 / 56	
7	282	230	583 5	282 / 251 356 / 62	100	873	401 5	133 / 67 350 / 66	
				418				416	
B.M. 39-5B								418	B.M. 39-5B.
	1633	963			612	543		834	CYPRESS ST. & GRAND AVE. N.E. COR. SEE F.B. 3711-199
	612	543							
	+1021	420							

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 7-8-71

INDEXED L.J. GALLI DATE JUL 29 '71

WEATHER HAZE 82°

TIME 10:35 TO 11:15

NOTES CHKD BLANCHARD DATE

INST. NO. 96716

ROD NO. 95896

F.B. 4117 PG 37

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 39-5B TO B.M. 39-4
B.M. 39-5B													B.M. 39-5B
1	135	373	436	5	158 / 112	46	263	478	564	5	286 / 240	46	CYPRESS ST. & GRAND AVE N.E. COR.
													SEE F.B. 3711-199
2	98	840	399	5	126 / 70	56	226	773	527	5	254 / 198	56	
						102						102	
3	84	910	385	5	111 / 57	54	221	293	522	5	247 / 195	52	⊼ Nunez
						156						154	
4	87	622	388	5	113 / 61	52	229	975	530	5	256 / 202	54	
						208						208	
5	76	038	377	5	109 / 43	66	231	647	532	5	263 / 199	64	
						274	229					272	
6	102	723	403	5	131 / 73	58	~~289~~	740	530	5	259 / 199	60	
						342						342	
7	103	450	404	5	126 / 80	46	217	033	518	5	240 / 194	46	
						388						388	
8	110	270	411	5	129 / 91	38	201	100	502	5	220 / 182	38	
	334	31				426	244	42				426	
B.M. 39-4												426	B.M. 39-4
	799	226					1821	039				~~852~~	CYPRESS ST. & BARRANCA AVE, ℄
							799	226				832	SEE F.B. 1360-10
							1021	813					

T = 92

F.B. 4117 PG. 5846 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Miyahira 7-12-71

INDEXED G. L. GALLI DATE

WEATHER Calm & Clear INST. NO. 96716

TIME 1110 to ROD NO. 95896

NOTES CHKD BLANCHARD DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM39-4 TO BM39-5B
BM39-4	332	42			236		532	42			131		BM39-4
1	215	523	516	5	194	42	109	088	410	5	87	44	Cypress St. & Barranca Ave. E Int
					252						119		See F.B. 1360-10
2	224	460	525	5	196	56	91	383	392	5	63	56	
					203	98					111	100	
3	181	240	482	5	159	44	90	843	391	5	69	42	
					261	142					112	142	X-Nunez
4	229	190	530	5	197	64	81	862	382	5	50	62	
					268	206	7	960			105	204	Re-Run
5	234	186	535	5	200	68	7~~8~~	~~096~~	378	5	49	56	
					222	274					104	260	
6	196	357	497	5	170	52	71	310	372	5	38	66	
					260	326					84	326	
7	233	549	534	5	206	54	58	133	359	5	32	52	
					240	380					155	378	
8	221	183	522	5	202	38	133	000	434	5	111	44	
						418						422	
												418	
	1735	688					713	~~715~~				840	
	713	579						579					
	~~1022~~	~~973~~											
	+1022	109											
BM39-5B													BM 39-5B
													Cypress St. & Grand Ave. N.E. Cor
													See F.B. 3711-199

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-14-71

INDEXED G. G. GALLI DATE JUL 29 '71

WEATHER Hazy Sun INST. NO. 96716

TIME 10:25 to 11:20 ROD NO. 95896

NOTES CHKD BLANCHARD DATE [illegible]

T-90°

F.B. 4117 PG. 39

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

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

Do not extend notes this side of this line.

F.B. 4117 PG. 48 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER DATE 7-14-71
INDEXED [redacted] DATE
NOTES CHKD BLANCHARD DATE
TIME 1:30 WEATHER SMOGGY 92° INST. NO. 96716 ROD NO. 95 & 96

RERUN

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 39-5B TO B.M. 39-4
B.M. 39-5B													B.M. 39-5B
					154						304		
1	128	122	429	5	102	52	278	835	579	5	252	52	CYPRESS ~~AVE~~ ST. & GRAND AVE
													SEE F.B. 3711-199
					111						262		
2	81	185	382	5	51	60	233	755	534	5	204	58	
						112					262	110	RERUN
					109						202		
3	78	425	379	5	47	62	232	672	533	5	~~533~~	60	↑ NUNEZ
						174						170	
		960			106						269		
4	74	~~09~~	375	5	42	64	237	000	538	5	205	64	
						238						234	
					111						257		
5	79	836	380	5	47	64	222	223	523	5	187	70	
						302						304	
					102						265		
6	68	842	369	5	34	68	233	234	534	5	201	64	
						370						368	
					143						238		
7	118	051	419	5	93	50	213	408	514	5	188	50	
						420						418	
												420	
	629	421					1651	127				838	
B.M. 39-4							629	421					B.M. 39-4
													CYPRESS ST. & BARRANCA AVE.
							1021	706					SEE F.B. 1360-10

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 39-4 TO BM 39-5B
													BM 39-4
1	237	054	538	5	267 207	60	86	693	387	5	117 55	62	CYPRESS St. & BARRANCA Ave &
													See FB 1360-10
2	219	968	520	5	245 193	52	120	432	421	5	146 94	52	
						112	79					114	2nd RE RUN
3	240	277	541	5	273 207	66	~~80~~	865	380	5	112 46	66	⊼ DREIER
						178						180	
4	244	258	545	5	278 210	68	84	596	385	5	117 51	66	
						246						246	
5	225	430	526	5	258 192	66	57	677	358	5	90 24	66	
						312	29					312	
6	221	779	522	5	257 185	72	~~442~~	442	330	5	(½) 66 29	24 ~~72~~	
						384						386	
7	239	764	540	5	258 220	38	147	919	448	5	166 128	38	
						422	444	43				424	
BM 39-5B												422	BM 39-5B
	1628	530					606	623				846	CYPRESS St. & GRAND Ave NE Cor
	606	623											See ~~FB 1360~~ - 3711-199
+	1021	907											

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

SURVEY BY GE DREIER

NOTES BY MIYAHIRA DATE 14 July 1971 TIME 2:20 WEATHER Calm & Clear INST. NO. 96766

INDEXED [illegible] DATE [illegible] 29 '71 NOTES CHKD BLANCHARD DATE [illegible] ROD NO. 95896

T = 98

F.B. 4117 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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 39-5B TO BM 39-4
BM 39-5B													BM 39-5B
1	127	761	428	5	154 / 100	54	268	547	569	5	295 / 241	54	CYPRESS St. & GRAND Ave NE
													See FB 3711-199
2	97	560	398	5	129 / 65	64	247	690	548	5	279 / 215	64	
						118						118	2nd RERUN
3	80	562	381	5	117 / 49	62	237	782	538	5	268 / 206	62	π DREIER
						180						180	
4	65	393	366	5	93 / 37	56	224	059	525	5	251 / 197	54	
	74	769	375	5	110 / 38	236						234	
5	~~75~~	~~089~~	~~376~~	~~5~~	~~111 / 39~~	72 / ~~72~~	222	139	523	5	157 / 187	70	
						308						304	
6	78	050	379	5	108 / 48	60	228	200	529	5	259 / 197	62	
						368						366	
7	111	535	412	5	139 / 83	56	228	920	529	5	257 / 199	58	
	433	42				424	243	32				424	
BM 39-4												424	BM 39-4
	635	630					1657	337				848	CYPRESS St. & BARRANCA Ave ℄
							$635	630					See FB 1360-10
							1021	707					

F.B. 4117 PG. 42 JOB NO. 030102

SURVEY OF L A Co. PRECISE LEVEL NET

SURVEY BY GE DREIER NOTES MIYAHIRA 14 Jul '71

INDEXED [illegible] DATE

T = 90

WEATHER Calm & Clear INST. NO. 91776

TIME 3:00 to 3:25 ROD NO. 95896

NOTES CHKD BLANCHARD DATE

76P526B CE # 308 6/66

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 39-5B TO BM 39-6
BM 39-5B													B.M. 39-5B
1	199	475	500	5	230 168	62	77	813	378	5	109 45	64	CYPRESS ST. & GRAND AVE, N.E. COR. See FB
2	258	628	559	5	294 222	72	75	629	376	5	112 38	74	
						134						138	
3	219	610	520	5	251 187	64	99	352	400	5	130 68	62	⊼ Dreier
						198						~~190~~ 200	
4	269	920	570	5	298 240	58	72	148	373	5	99 45	54	
		591	541			256						254	
5	240	~~541~~	~~2~~	5	270 210	60	82	225	383	5	109 55	54	
						316	33					308	
6	236	524	537	5	265 205	60	~~32~~	087	334	5	67 -1	68	
						376						376	
7	219	526	520	5	235 203	32	122	811	423	5	138 106	32	
	354	22				408	433	23				408	
BM 39-6												408	BM 39-6
	1644	274					563	065				816	Cypress St & Glendora Ave ℄
	563	065											See FB 1360-12
	+1081	209											

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

SURVEY BY G E Dreier

NOTES BY Miyahira DATE 8 July 1971

INDEXED [illegible] DATE [illegible] 29 71

WEATHER Calm & Clear INST. NO 96716

TIME 1120 to 1200 ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE AUG 11 71

T = 82

F.B. 4117 PG 51 43

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 39-6 TO B.M. 39-5B
B.M. 39-6		411			140		253				278		B.M. 39-6
1	117	~~011~~	018	5	94	46	~~254~~	870	554	5	228	50	CYPRESS ST. & ~~GRAND~~ GLENDORA AVE. ~~N.E. COR~~ ℄
													SEE F.B. 1360-12
2	63	460	364	5	91 35	56	239	165	540	5	266 212	54	
						102	268					104	
3	80	687	381	5	110 50	60	~~268~~	909	569	5	299 237	62	⊼ Dreier
						162						166	
4	71	840	372	5	102 40	62	227	980	528	5	255 199	56	
						224						222	
5	81	124	382	5	107 55	52	240	659	541	5	268 212	56	
						276						278	
6	97	425	398	5	128 66	62	238	843	539	5	268 208	60	
						338						338	
7	90	696	391	5	123 57	66	214	000	515	5	247 181	66	
		32				404						~~404~~	
												404	
	602	643					1683	426				808	
B.M. 39-5B.							602	643					B.M. 39-5B.
													CYPRESS ST. & GRAND AVE. N.E.C.
							1080	783					SEE F.B. 3711-199

T= 90

WEATHER Calm & Clear INST. NO. 96716

TIME 1040 to ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE

F.B. 4117 PG. ~~44~~ JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Miyahira 7-12-71

INDEXED [illegible] CALL 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 MIYAHIRA DATE 14 July '71
INDEXED [redacted] DATE JUL 29 '71
WEATHER Clear & Breezy INST. NO. 94716
TIME 11:30 to 12:00 ROD NO. 95E96
NOTES CHKD BLANCHARD DATE
T = 88
F.B. 4117 PG. 53-45

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 39-5B TO BM 39-6
BM 39-5B	230				267								BM 39-5B
1	~~224~~	033	531	5	193	74	61	406	362	5	98 24	74	CYPRESS St. & GRAND Ave, NE Cor
													See FB
2	243	033	544	5	272 214	58	105	842	406	5	134 76	58	
						132						132	
3	214	278	515	5	296 182	64	79	672	380	5	111 47	64	RERUN
						196						196	π DREIER
4	263	111	564	5	295 231	64	61	108	362	5	92 30	58	
						260						254	
5	261	327	562	5	299 223	76	49	760	350	5	91 7	84	
						336						338	
6	299	320	600	5	(1) 299 (2) 265	68	72	035	373	5	106 38	64	
	321	22				404	322	22				402	
BM 39-6												404	BM 39-6
	1511	802					429	823				806	CYPRESS St. & GLENDORA Ave, E
	429	823											See FB 1360-12
+	1081	279											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 39-6 TO BM 39-5B
BM 39-6					116								BM 39-6E
1	85	294	386	5	54	62	289	671	590	5	(1) 289 255	68	CYPRESS St. & GLENDORA Ave 8
													See FB 1360-12
2	51	678	352	5	84 18	66	235	869	536	5	265 206	60	
						128	289					128	
3	66	250	367	5	100 32	68	~~290~~	830	590	5	(1) 289 (2) 255	68	RERUN
					112 ~~122~~	196						196	
4	75	421	376	5	38	74	264	555	565	5	300 228	72	G E DREIER
						270	253					268	
5	94	384	395	5	128 30	68	~~254~~	905	554	5	287 219	68	
				~~5~~		338						336	
6	87	768	388	5	121 53	68	208	118	509	5	243 173	70	
	32	32				406	343	22				406	
BM 39-5B												406	BM 39-5B
	460	795					1541	948				812	CYPRESS St. & GRAND Ave NE Cor
							460	795					See FB 3711-199
							~~1135~~	153					
							- 1081						

F.B. 4117 PG. ~~467~~ JOB NO. 0301.02

SURVEY OF L A Co Precise Level Net

SURVEY BY G E Dreier NOTES Miyazhira 14 Jul '71

INDEXED L L GALLI DATE

WEATHER Clear & Breezy INST. NO. 96716

TIME 1:00 to ROD NO. 95496

NOTES CHKD BLANCHARD DATE

To 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 T= 84

SURVEY BY G E Dreier

NOTES BY Miyahira DATE 8 July 1971

INDEXED L. J. CALLI DATE 29 71

WEATHER Calm & Clear INST. NO. 96716

TIME 1300 to 1340 ROD NO. 95896

NOTES CHKD BLANCHARD DATE 29 71

F.B. 4117 PG 55 ~~47~~

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 39-6 TO BM 39-7A
BM 39-6													BM 39-6
1	241	803	542	5	274 208	66	83	590	384	5	116 50	66	Cypress St & Glendora Ave E
													See FB 1360-12
2	232	857	533	5	262 202	60	68	962	369	5	99 37	62	
						126						128	
3	287	123	588 ~~588~~	5	(1/2) 287 251	72	66	554	367	5	102 30	72	K Dreier
						198						200	
4	243	534	544	5	273 213	60	118	235	419	5	149 87	62	
	213 ~~214~~					258						262	
5	~~70~~	809	514	5	248 178	70	41	593	342	5	76 6	70	
						328						332	
6	262	573	563	5	(1/2) 262 223	78	144	128	445	5	181 107	74	
	223	12				406	333	32				406	
BM 39-7A				~~5~~								406	BM 39-7A
	1481	699					523	062				812	Cypress St & Bonnie Cove Ave
	523	062											See F~~B 1360-13~~ 3711-203
	958	637											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 39-7A TO B.M. 39-6
B.M. 39-7A													B.M. 39-7A
1	136	110	437	5	169 / 103	66	235	428	536	5	268 / 202	66	CYPRESS ST. & BONNIE COVE AVE.
													SEE F.B. 3711-203
2	19	135	320	5	52 / 19	66	209	742	510	5	244 / 174	70	
						132						136	
3	103	229	404	5	135 / 71	64	163	847	464	5	196 / 130	66	
						196						202	
4	44	769	345	5	76 / 12	64	266	297	567	5	295 / 237	58	X-Dreier
						260						260	
5	72	397	373	5	104 / 40	64	227	038	528	5	259 / 195	64	
						324						324	
6	71	397	372	5	96 / 46	50	199	896	500	5	222 / 175	48	
						374						372	
7	101	042	402	5	118 / 84	34	204	443	505	5	222 / 186	36	
						408						408	
												408	
	548	079					1506	691				816	
B.M. 39-6							548	079					B.M. 39-6
													CYPRESS ST. & GLENDORA AVE. ℄
							958	612					SEE F.B. 1360-12

F.B. 4111 PG. 48 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Nunez 7-12-71

INDEXED [illegible] GALLI DATE

WEATHER Haze INST. NO. 96716

TIME 10:05 – 10:35 ROD NO. 95896

NOTES CHKD. [illegible] DATE

1:88

76P526B CE # 308 8768

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 39-~~8~~ 7A TO BM 39-8
BM 39-7A													BM 39-7A
1	247	457	548	5	274 220	54	63	069	364	5	90 36	54	Cypress St & Bonnie Cove Ave
													See FB ~~1360-13~~ 3711-203
2	228	123	529	5	259 197	62	47	277	348	5	76 18	58	
						116						112	⊼ Maldonado
3	241	611	542	5	275 207	68	62	727	363	5	95 29	66	
						184						178	
4	217	603	518	5	247 187	60	64	387	365	5	96 32	64	
	121	1				244	11	23				242	
BM 39-8				~~5~~						~~5~~		244	BM 39-8
	934	794					237	460				486	Cypress St & Lyman Ave
	237	460											See FB 1360-14
	+ 697	334											

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

SURVEY BY G E Dreier

NOTES BY Miyahira DATE 8 July 1971 WEATHER Calm & Clear INST. NO. 96716

INDEXED L. L. GALLI DATE JUL 29 '71 TIME 1340 to 1400 ROD NO. 95496

NOTES CHKD BLANCHARD DATE JUL 31 '71

F.B. 4117 PG 57

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 39-8 TO B.M. 39-7A
B.M. 39-8													B.M. 39-8
1	59	871	360	5	92 26	66	252	935	553	5	285 219	66	CYPRESS ST. & LYMAN AVE. ℄
													SEE F.B. 1360-14
2	63	889	364	5	95 31	64	229	711	530	5	261 197	64	
						130						130	
3	239	663	340	5	70 8	62	227	540	525	5	258 196	62	
						192						192	π-Maldonado
4	68	842	369	5	92 44	48	219	482	520	5	243 195	48	
						240						240	
												240	
	232	265					929	668				480	
B.M. 39-7A							232	265					B.M. 39-7A (L.A. Co. F.C. DIST.)
													CYPRESS ST. & BONNIE COVE AVE. ℄
							697	403					SEE F.B. 3711-203

WEATHER Haze INST. NO. 96716

TIME 9:45 - 10:00 ROD NO. 95896

NOTES CHKD DATE

1 = 86

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Nunez 7-12-71

INDEXED [illegible] DATE

76P526B CE # 308 8768

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 39-8 TO BM 39-10A
BM 39-8													BM 39-8
1	232	398	533	5	263 / 201	62	116	597	417	5	147 / 85	62	Cypress St & Lyman Ave
													See FB 1360-14
2	204	120	505	5	232 / 176	56	94	638	395	5	121 / 67	54	
						118						116	π = Maldonado
3	199	629	500	5	223 / 175	48	90	040	391	5	116 / 64	52	
						166						168	
4	196	082	497	5	226 / 166	60	68	146	369	5	97 / 39	58	
						226						226	
5	183	677	484	5	211 / 155	56	65	569	366	5	94 / 36	58	
						282						284	
6	212	748	513	5	238 / 186	52	78	312	379	5	104 / 52	52	
						334						336	
7	237	229	538	5	263 / 211	52	25	490	326	5	51 / -1	52	
						386						388	
8	234	471	535	5	255 / 213	42	117	164	418	5	136 / 98	38	
						428						426	
BM 39-10A												428	BM 39-10A
	1700	354					655	956				854	CYPRESS ST. & BADILLO ST.
	655	956											SEE F.B. 1360-26
	+1044	398											

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

SURVEY BY G E Dreier

NOTES BY Miyahira DATE 8 July 1971

INDEXED [illegible] GALLI DATE [illegible] 29 71

WEATHER Calm & Clear TIME 1400 to

NOTES CHKD BLANCHARD DATE [illegible] 71

INST. NO. 96716

ROD NO. 95896

F.B. 4117 PG. 59

T = 92

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 39-10A TO B.M. 39-8
B.M. 39-10A													B.M. 39-10A
1	80	112	381	5	110 / 50	60	292	757	593	5	292 / 212	60	CYPRESS ST. & BADILLO ST.
													SEE F.B. 1360-26
2	46	153	347	5	75 / 17	58	244	612	545	5	273 / 215	58	
						118						118	
3	81	880	382	5	112 / 50	62	206	239	507	5	236 / 176	60	
						180						178	T-Maldonado
4	84	701	385	5	114 / 54	60	211	167	512	5	241 / 181	60	
						240						238	
5	96	328	397	5	126 / 66	60	199	072	500	5	229 / 165	60	
						300						298	
6	75	310	376	5	107 / 43	64	244	145	545	5	277 / 211	66	
						364						364	
7	97	678	398	5	130 / 64	66	208	465	509	5	240 / 176	64	
						430						428	
8				5						5		430	
	562	162					1606	457				858	
							562	162					
							-1044	295					
B.M. 39-8													B.M. 39-8
													CYPRESS ST. & LYMAN AVE
													SEE F.B. 1360-14

T: 84°

WEATHER Haze INST. NO. 96716

TIME 9:05 - 9:40 ROD NO. 95 & 96

NOTES CHKD FLANCHARD DATE

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Nunez 7-12-71

INDEXED G. J. GALLI DATE

F.B. 4117 PG. 60

76P526B CE # 308 8768

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 39-10A TO BM 39-10A
BM 39-10A													BM 39-10A
1	126	092	427	5	145 107	38	205	608	506	5	225 185	40	Cypress St & ~~Valley Center Ave~~ BADILLO ST
													See FB 1360-26
2	93	978	394	5	124 62	62	61	358	362	5	97 25	72	
						100						112	⊼ J. MALDONADO
3	230	629	531	5	250 210	40	111	510	412	5	125 97	28	
						140						140	
												140	
	450	699					378	476				280	
M. 39-10	378	476											B.M. 39-10
													CYPRESS ST. & VALLEY CENTER AVE.
	+72	222											SEE F.B. 1360-16

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=97°

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

NOTES BY G.E. DREIER DATE 7-8-71 TIME 2:45 - 3:00 ROD NO. 95E96

INDEXED [illegible] DATE [illegible] 29 71 NOTES CHKD BLANCHARD DATE AUG 17 71

F.B. 4117 PG. 61 ~~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 B.M. 39-10 TO B.M. 39-10A
B.M. 39-10													B.M. 39-10
1	58	927	359	5	88 28	60	279	412	580	5	1279 249	60	CYPRESS ST. & VALLEY CENTER AVE
													SEE F.B. 1360-16
2	195	511	496	5	229 161	68	58 ~~59~~	891	359	5	92 24	68	
						128						128	T. Maldonado
3	173	238	474	5	181 165	16	161	661	462	5	169 153	16	
						144						144	
												144	
	427	676					499	924				288	
B.M. 39-10A							427	676					B.M. 39-10A (COVINA H-1A 1957)
													CYPRESS ST. & BADILLO ST
							72	248					SEE F.B. 1360-26

F.B. 4117 PG. 5404 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Nov 1 02 7-9-71

INDEXED [illegible] DATE

WEATHER Hot INST. NO. 96716

TIME 3:40 - 3:25 ROD NO. 95896

NOTES CHKD BLANCHARD DATE

1:100

76P626B CE # 308 8768

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 BM39-10A TO BM39-11
BM 39-10A									BM 39-10A
1	125	340	426 5	154 96 58	21	088	322 5	56 ½ 21 70	Cypress St & ~~Badillo Ave St.~~ VALLEY CENTER AVE
									FB 1360-16
2	297	348	598 5	306 288 18	5	511	306 5	16 ½ 5 22	
				76				92	⊼ J. MALDONADO
3	291	769	592 5	(½) 291 268 46	30	479	331 5	47 13 34	
				305 ~~305~~ 122				126	
4	283	961	584 5	261 44	87	773	388 5	107 67 40	
				166				166	
5	138	809	439 5	156 120 36	148	194	449 5	167 129 38	
				202				204	
BM 39-11								202	BM 39-11
	1137	227			293	045		406	Valley Center Ave & Covina Blvd
	293	045							See FB 1360-17
	+844	182							

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

SURVEY BY G E Dreier

NOTES BY G.E. DREIER DATE 7-8-71

INDEXED [illegible] DATE JUL 29 71

WEATHER SMOGGY T=98°

TIME 3:00

NOTES CHKD BLANCHARD DATE AUG 11 71

F.B. 4117 PG 63 ~~35~~

INST. NO. 96716

ROD NO. 95496

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 39-11 TO B.M. 39-10
B.M. 39-11													B.M. 39-11
1	164	337	465	5	191 137	54	200	147	501	5	227 173	54	VALLEY CENTER AVE. & COVINA BLVD.
													SEE F.B. 1360-17
2	43	551	344	5	61 25	36	274	230	575	5	292 256	36	
						90						90	
3	46	774	347	5	64 28	36	275	309	576	5	291 259	32	π-Maldonado
						126						122	
4	9	340	310	5	18 0	18	287	358	588	5	296 278	18	
						144						140	
5	58	602	359	5	89 27	62	129	754	430	5	162 96	66	
						206						206	
												206	
	322	604					1166	798				412	
B.M. 39-10	(322	604)					322	604					B.M. 39-10
													VALLEY CENTER AVE & CYPRESS ST
						—	844	194					SEE F.B. 1360-16

F.B. 4117 PG. 64 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Nunez 7-9-71

INDEXED [illegible] DATE

WEATHER Hot - sunny INST. NO. 96716

TIME 2:50 - 3:10 ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE

1:100

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 39-11 TO BM 39-12
BM 39-11													BM 39-11
1	245	027	546	5	280 210	70	18	025	319	5	½ 54 ~~28~~	72	℄ Valley Center Ave & Covina Blvd
													See FB 1360-17
2	260	220	561	5	292 228	64	181	048	482	5	213 149	64	
						134						136	π Miyahira
3	113	573	414	5	147 79	68	128	~~472~~ 291	429	5	161 95	66	
						202						202	
~~4~~				5						5		202	B.M. 39-12
BM 39-12													Valley Center and Cienega Ave at
	618	820					327	364				404	℄ intersection
	327	364											See FB 1360-18
	+291	456											

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

SURVEY BY GE Dreier

NOTES BY Nunez DATE 7-9-71

INDEXED C. L. GALLI DATE JUL 29 71

WEATHER Smossy INST. NO. 96716

TIME 9:00 9:20 ROD NO. 95496

NOTES CHKD BLANCHARD DATE AUG 11 71

T=78

F.B. 4117 PG. 57

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 39-12 TO B.M. 39-11
B.M. 39-12													B.M. 39-12
1	143	525	444	5	168 / 118	50	143	350	444	5	168 / 118	50	VALLEY CENTER AVE & CIENEGA AVE ℄
													SEE F.B. 1360-18
2	170	180	471	5	195 / 145	50	120	350	421	5	145 / 95	50	
						100						100	X-Miyahira
3	71	085	372	5	97 / 45	52	238	451	539	5	263 / 213	50	
						152						150	
4	35	065	336	5	61 / 9	52	209	155	510	5	236 / 182	54	
						204						204	
B.M. 39-11												204	B.M. 39-11
	419	855					711	306				408	VALLEY CENTER AVE & COVINA BLVD ℄
							419	855					SEE F.B. 1360-17
							291	451					

T = 100

WEATHER Hot-sunny INST. NO. 96716

TIME 2:15 - 2:45 ROD NO. 95 & 96

NOTES CHKD. BLANCHARD DATE AUG 1

F.B. 4117 PG. 389 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Nunez 7-9-71

INDEXED [illegible] DATE

'76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 39-12 TO B.M. 39-13A
BM 39-12													BM 39-12
1	243	154	544	5	280 206	74	5	208	306	5	½ 43 5	76	Valley Centre & Cienega Ave at ℄ int.
2	227	179	528	5	265 189	76	66	035	367	5	102 30	72	FB 1360-18
						150						148	
3	220	186	521	5	246 194	52	99	000	400	5	126 72	54	↑ MIYAHIRA
						202 ✓						202 ✓	
BM 39-13A												202	BM 39-13A (GLENDORA H-12 RESET 1961)
	690	519 ✓					170	243 ✓				404	VALLEY CENTER AVE & ARROW HWY.
	170	243											SEE F.B. 1360-25
	+520	276 ✓											

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

SURVEY BY G E Dreier

NOTES BY Nunez DATE 7-9-71

INDEXED [illegible] DATE [illegible] 29 71

WEATHER Smoggy

TIME 9:45 - 10:05

NOTES CHKD BLANCHARD DATE AUG 11 71

INST. NO. 96716

ROD NO. 95896

T=80

F.B. 4117 PG. 67 59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 39-13A TO B.M. 39-12
B.M. 39-13A													B.M. 39-13A
1	98	000	399	5	123 / 73	50	216	902	517	5	240 / 192	48	VALLEY CENTER AVE. & ARROW HWY. &
													SEE F.B. 1360-25
2	91	025	392	5	117 / 65	52	180	353	481	5	205 / 155	50	
						102						98	
3	72	842	373	5	97 / 47	50	248	555	549	5	275 / 221	54	T-Miyahira
						152						152	
4	62	470	363	5	87 / 37	50	198	825	499	5	223 / 173	50	
						202						202	
B.M. 39-12												202	B.M. 39-12
	324	337					844	635				404	VALLEY CENTER AVE &
							324	337					CIENEGA AVE. &
													SEE F.B. 1360-18
						—	520	298					

F.B. 4117 PG. 60 JOB NO. 0301.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY DREIER NOTES Nunez 7-9-71

INDEXED R. J. GALLI DATE

WEATHER Hot INST. NO. 96716

TIME 2:00 - 2:20 ROD NO. 95896

NOTES CHKD. BLANCHARD DATE

-7 = 100

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	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 39-13A TO 11-39 A
BM 39-13A													BM 39-13A
1	263	900	564	5	½ 263 214	98	14	753	315	5	½ 63 14	98	Valley Center & Arrow Highway at ℄ int.
2	254	120	555	5	½ 254 210	88	95	053	396	5	138 52	86	F.B. 1360-25
						186						184	
3	155	900	456	5	192 118	74	61	623	362	5	98 24	74	
						260						258	⊼ MIYAHIRA
4	192	095	493	5	232 152	80	136	960	437	5	176 96	80	
						340						338	
5	176	657	477	5	209 143	66	125	346	426	5	158 92	66	
						406						404	
												406	
BM 11-39A							433	735				810	BM 11-39A
	1042	672											Gladstone St & Valley Center at ℄ Int.
	433	735											F.B. 1376-37 & 39
	+608	937											

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

SURVEY BY G E Dreier

NOTES BY Nunez DATE 7-9-71

INDEXED L. J. GALLI DATE JUL 29 71

WEATHER Smoggy INST. NO. 96716

TIME 10:00 10:25 ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE JUL 11 71

T = 80°

F.B. 4117 PG 69

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4117 PG. 6-70 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES NUNEZ 7-9-71

INDEXED C. S. (ALL) DATE

WEATHER Sm 95 F INST. NO. 967.16

TIME 1:15 - 2:00 ROD NO. 95896

NOTES CHKD BLANCHARD DATE

T: 98°

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 11-39A TO B.M. 39-13A
B.M. 11-39A													B.M. 11-39A
1	141	660	442	5	168 / 114	54	195	538	496	5	221 / 169	52	GLADSTONE ST. & VALLEY CENTER AVE.
													SEE F.B. 1376-37 & 948-39
2	161	835	462	5	186 / 136	50	163	143	464	5	188 / 138	50	
						104						102	
3	126	325	427	5	151 / 101	50	202	110	503	5	228 / 176	52	T. MIYAHIRA
						154						154	
4	98	053	399	5	124 / 72	52	209	244	510	5	235 / 183	52	
						206						206	
5	161	225	462	5	186 / 136	50	185	869	486	5	212 / 158	54	
						256						260	
6	107	394	405	5	131 / 83	48	195	000	496	5	218 / 172	46	
						304						306	
7	82	955	383	5	106 / 58	48	220	615	521	5	243 / 197	46	
						352						352	
8	96	634	397	5	123 / 69	54	213	700	514	5	240 / 186	54	
						406						406	
												406	
BM 39-13A	976081						1585219					812	BM 39-13-A
							976081						
							609138						

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	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 11-39A TO BM 11-40
BM 11-39A													BM 11-39A
1	279	273	580	5	(1/2) 279 248	62	27	493	328	5	(1/2) 58 27	62	Gladstone St. & Valley Center
													See FB 1376-37 & 948-39
2	295	617	596	5	(1/2) 295 250	90	34	611	335	5	(1/2) 78 34	88	
						152							⊼ Nunez
~~3~~	~~34~~	~~611~~	~~335~~	~~5~~	~~(1/2) 78 34~~	~~88~~				~~5~~			
						152						150	
3	290	175	591	5	(1/2) 290 256	68	36	698	337	5	(1/2) 36 3	66	
						220						216	
4	257	558	558	5	287 227	60	70	781	371	5	102 38	64	
						280	65 ~~65~~					280	
5	258	700	559	5	288 228	60	~~55~~	900	366	5	95 35	60	
						340						340	
6	255	078	556	5	287 223	64	82	400	383	5	113 51	62	
	432	33				404	23	21				402	
BM 11-40												404	BM 11-40
	1636	451					317	883				806	Gladstone St. & Lone Hill Ave
	317	883											See FB 1376-38
	+ 1318	518											

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

SURVEY BY G E Dreier

NOTES BY Miyahira DATE 9 July 1971

INDEXED [illegible] DATE [illegible] 29 71

WEATHER Hazy ~~Hage~~ & Calm INST. NO. 96716

TIME to 1125 ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE [illegible]

T = 86

F.B. 4117 PG 71 ~~63~~

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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 11-40 TO BM 11-39A
BM 11-40					111								BM 11-40
1	80	365	381	5	49	62	253	082	554	5	285 221	64	Gladstone St & Lone Hill Ave
													See FB 1376-38
2	99	195	400	5	125 73	52	233	313	534	5	258 209	50 ~~50~~	
						114						114	⊼ Nuñez
3	72	613	373	5	100 44	56	268	005	569	5	298 238	60	
						170						174	
4	44	483	345	5	76 12	64	257	100	558	5	287 227	60	
						234						234	
5	81	278	382	5	109 54	54	256	200	557	5	283 229	54	
						288						288	
6	69	395	370	5	99 39	60	261	175	562	5	291 231	60	
						348						348	
7	44	740	345	5	74 14	60	281	758	582	5	(1) 281 (2) 252	58	
	33	42				408	431	22				406	
BM 11-39A												408	BM 11-39A
	492	069					1810	633				814	Gladstone St & Valley Center
							492	069					See FB 1376-37 & 948-39
							1318	564					

F.B. 4117 PG 64 JOB NO. 0301.02

SURVEY OF L A Co. Precise Level Net

SURVEY BY GE Dreier NOTES Miyahira 9 July 1971

INDEXED [illegible] DATE

WEATHER Calm & Hazy INST. NO. 96716

TIME 11 25 to ROD NO. 95 & 96

NOTES CHKD [illegible] DATE

T=

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes Date July 1971
Date	Indexed [illegible] GALLI AUG 16

F. B. 4117 PG. 77

JOB NO. 0301.02

L.A.CO. PRECISE LEVEL NET

LINE NO. 44, JULY 1971 RELEVELING

DREIER
MALDONADO
SIEMANN
McKNIGHT
MIYAHIRA

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

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COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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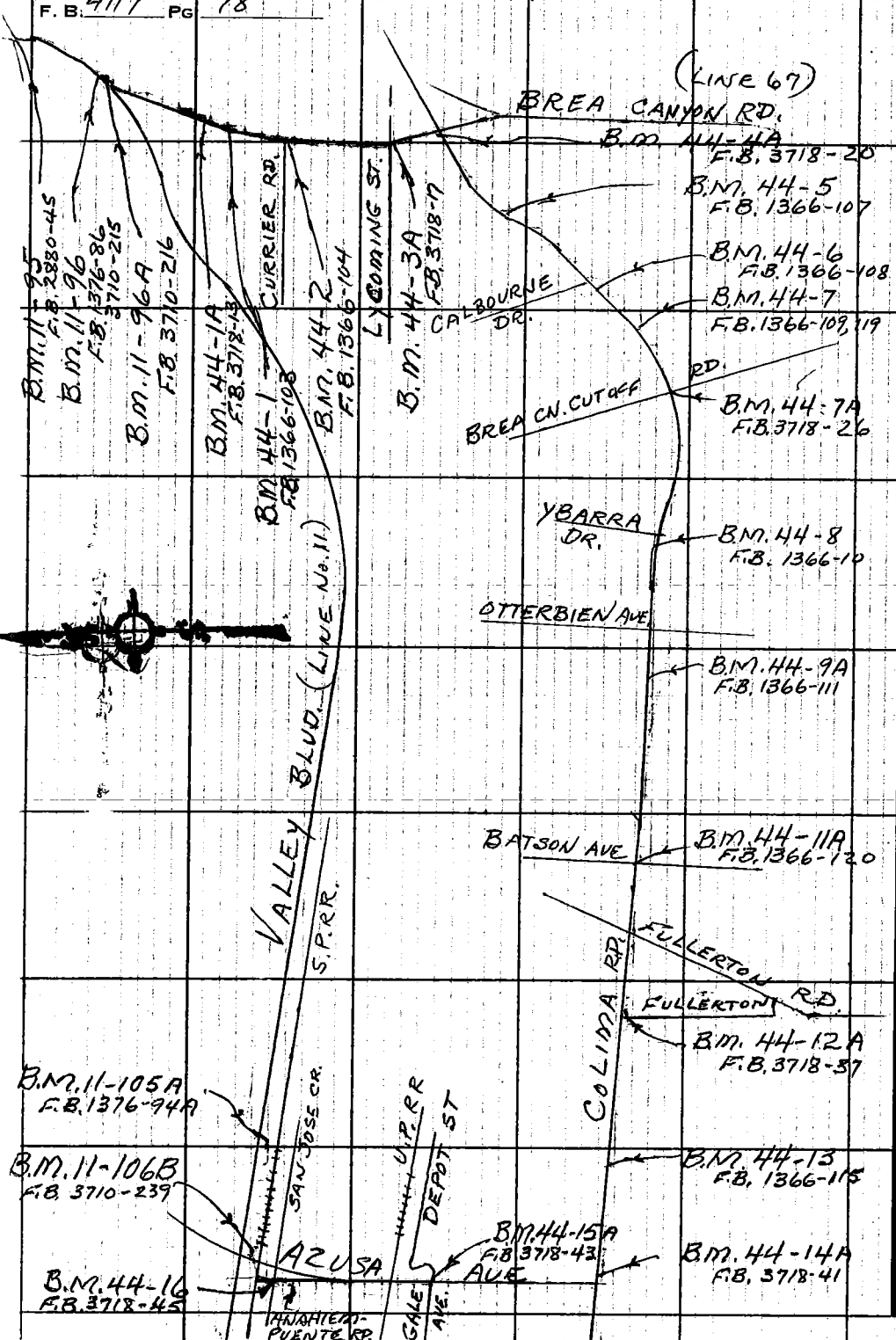
76F309S CE#310 3-68

ROUTE SKETCH LINE 44,
1971 RELEVELING

F. B. 4117 PG 78



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DEPARTMENT OF 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.

76P526B CE # 308 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-81°

SURVEY BY G. E. Dreier

NOTES BY MALDONADO DATE 7-16-71 WEATHER Hazy Sun INST. NO. 96716

INDEXED G. J. GALLI DATE AUG 16 71 TIME 9:25 ROD NO. 95396

NOTES CHKD DATE

F.B. 4117 PG. 79

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	150	806	451 5	152 / 148 4	167	874	468 5	194 / 140 54	54 M- 4 M= 50 M=0.20 mm
2	148	748	449 5	150 / 146 4	131	794	432 5	158 / 104 54	54 M- 4 M= 50 M=0.20 mm
	299	554		8	299	668		108	
	+					040 mm		8	Curvature Corr.=0.40 mm
					~~-0.~~	~~mm~~			
					299	628		100	
					299	554			
					-	0.74			

mm= "C"

-0.007 mm= "C"

100 / 0.740

700

40

76P526B CE # 308 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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	148	919	449 5	150 / 146 4	90	417	391 5	117 / 63 54	54M- 4 M= 50 M=0.20 mm
2	145	095	446 5	147 / 143 4	203	746	504 5	230 / 176 54	54 M- 4 M= 50 M=0.20 mm
	294	014		8	294	163		108	
	+					040 mm			
					~~-0. mm~~			8	Curvature Corr.=0.40 mm
					294	123		100	
					294	014			
					-	109			

mm= "C"

- 0.010 mm= "C"

100 / 1.090

100

90

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-72

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-29-71 WEATHER Hazy Sun INST. NO. 96716

INDEXED G.J. SAND DATE AUG 16 '71 TIME 8:45 ROD NO. 95896

NOTES CHKD. ____ DATE ____

F.B. 4117 PG. 81

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 80° F.B. 4117 PG. 83

SURVEY BY G.E. DREIER WEATHER PTLY CLOUDY INST. NO. 96716

NOTES BY SIEMANN DATE 7-21-71 TIME 9:20 TO 9:30 ROD NO. 95896

INDEXED G.L. GALLI DATE AUG 16 '71 NOTES CHKD. DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	153	990	454 5	155 151 4	186	511	487 5	213 152 54	54 M- 4 M= 50 M=0.20 mm
2	141	122	442 5	143 139 4	108	685	409 5	135 81 54	54 M- 4 M= 50 M=0.20 mm
	295	112			295	196		108	
				8		040		8	
	+				-0.	mm			Curvature Corr.=0.40 mm
					295	156		100	
					295	112			
					-	044			

mm= "C"

- 004 mm = "C"

100 / 0 440

76P526B CE # 308 8-59

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-72° P.B. 4117 PG. 85

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

NOTES BY Maldonado DATE 7-22-71 TIME 8:20 ROD NO. 95396

INDEXED G. J. GALLI DATE AUG 16 71 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	139 ~~72~~	687	440 5	141 137 4	73	425	374 5	100 46 54	54 M- 4 M= 50 M=0.20 mm
2	152	643	453 5	154 150 4	219	072	520 5	246 192 54	54 M- 4 M= 50 M=0.20 mm
	292	330		8	292	497		108	
	+					040 mm		8	Curvature Corr.=0.40 mm
					~~-0.~~	~~mm~~			
					292	457		100	
					292	330			
					-	127			

mm= "C"

-0.012 mm = "C"

100 / 1.270
100
270

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-92

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

NOTES BY Maldonado DATE 7-23-71 TIME 11:30 to ROD NO. 95E96

INDEXED G.J. GALLI DATE 8-16-71 NOTES CHKD DATE

F.B. 447 PG. 87

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	125	458 5	159 155 4	144	040	445 5	171 117 54	54 M- 4 M= 50 M=0.20 mm
2	160	118	461 5	162 158 4	173	260	474 5	200 146 54	54 M- 4 M= 50 M=0.20 mm
	317	243		8	317	300		108	
	+					040 mm			
					~~-0.~~	mm		8	Curvature Corr.=0.40 mm
					317	260		100	
					317	243			
					-	017			

mm= "C"

.002 mm= "C"

100 / 0.17

76P526B CE # 308 8-59

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=72° F.B. 4117 PG. 89

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

NOTES BY SIEMANN DATE 7-26-71 TIME 8:30 TO 8:40 ROD NO. 95496

INDEXED B.J. GALLI DATE AUG 16 71 NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	142	589	443 5	144 140 4	98	139	399 5	125 71 54	54 M- 4 M= 50 M=0.20 mm
2	151	411	452 5	153 149 4	196	032	497 5	223 169 54	54 M- 4 M= 50 M=0.20 mm
	294	000			294	171		108	
						040		8	
	+			8	-0.	mm			Curvature Corr.=0.40 mm
					294	131		100	
					294	000			
					-	131			

mm= "C"

100 / 131 - 013 mm= "C"

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-72°

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

NOTES BY Maldonado DATE 7-27-71 TIME 8:30 ROD NO. 95896

INDEXED [illegible] DATE [illegible] 16 '71 NOTES CHKD. DATE

F.B. 4117 PG. 91

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	573	446 5	147 143 4	90 ~~82~~	012 ~~349~~	391 ~~383~~ 5	117 ~~117~~ ~~53~~ 63 54	54 M- 4 M= 50 M=0.20 mm
2	164	073	465 5	166 162 4	219	864	520 5	246 192 54	54 M- 4 M= 50 M=0.20 mm
	309	646		8	309	876		108	
	+				~~-0.~~	040 mm ~~mm~~		8	Curvature Corr.=0.40 mm
					309	836		100	
					309	646			
					-	190			

mm= "C"

- 0.019 mm = "C"

100 | 1.900
100
900

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 7-16-71
INDEXED C.J. CALLI DATE AUG 16 '71
WEATHER Hazy Sun INST. NO. 96716
TIME 9:30 to 10:20 ROD NO. 95 & 96
NOTES CHKD BLANCHARD DATE
T-81
F.B. 4117 PG. 93

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 11-95 TO BM 11-96
BM 11-95													BM 11-95
	442	32			173		444	31			286		Valley Blvd. & Grand Ave. &
1	145	165	446	5	117	66	253	659	554	5	220	66	La Puente Rd.
					104						242		See F.B. 2880-45
2	74	363	375	5	44	60	213	815	514	5	184	58	
					135	126					218	124	
3	109	035	410	5	83	52	191	772	492	5	164	54	T-Miyahira
					100	178					221	178	
4	75	300	376	5	50	50	197	420	498	5	173	48	
					116	228	179				201	226	
5	94	490	395	5	72	44	~~180~~	940	480	5	157	44	
					124	272					182	270	
6	99	025	400	5	74	50	159	053	460	5	136	46	
					130	322					245	316	
7	106	131	407	5	82	48	217	000	518	5	189	56	
					151	370					286½	372	
8	125	745	426	5	99	52	286	380	587	5	261	50	
						422						422	
												422	
	829	254					1699	039				844	
							829	254					
							869	785					
BM 11-96													BM 11-96
													Valley Blvd. & Old Brea Cyn.
													Rd., 157.7 Ft. N.E.ly. ℄ Int.
													See F.B. 3710-215

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4117 PG. 94 JOB NO. 0301.02

SURVEY OF L.A.C. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-20-71

INDEXED B.L. GALL DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 9:05 to 9:35 ROD NO. 95-27

NOTES CHKD. BLANCHARD DATE 7-20

T-70

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 11-96 TO BM 11-95
BM 11-96	123	32			292		324	32			151		BM 11-96
1	292	873	593	5	267½	50	126	530	427	5	101	50	Valley Blvd. & Old Brea Cyn.
					260						140		Rd., 157.1 Ft N.E'ly, & Int
2	221	761	522	5	182	78	101	355	402	5	62	78	See F.B. 3710-215
					250	128					96	128	
3	208	341	509	5	166	84	54	928	355	5	12	84	
					254	212					108	212	
4	219	808	520	5	184	70	73	822	374	5	38	70	T-Miyahira
					243	282					114	282	
5	210	364	511	5	177	66	82	652	383	5	50	64	
					259	348					102	346	
6	223	757	524	5	187	72	67	939	368	5	67½	70	
						420						416	
												420	
	1376	904					507	226				836	
	507	226											
	+869	678											
BM 11-95													BM 11-95
													Valley Blvd, Grand Ave, & La Puente Rd.
													See F.B. 2880-45

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 7-16-71 WEATHER Hazy Sun
TIME 10:25 to 10:30 INST. NO. 96716
ROD NO. 95 & 96
INDEXED CALL DATE AUG 16 71 NOTES CHKD. BLANCHARD DATE 7-71
F.B. 4117 PG. 95

7-84"

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 11-96 TO BM 11-96A
BM 11-96													BM 11-96
					195						141		Valley Blvd. & Old Brea Cyn. Rd.
1	178	640	479	5	161	34	124	440	425	5	107	34	157.7 Ft. N.E'ly. & Fnt.
	124	440										34	See F.B. 3710-215
	+ 54	200										68	
													T-Miyahira
BM 11-96A													BM 11-96A (L.A.C.F.C.D. BM 103-00005) Valley Blvd. & Old Brea Cyn. Rd. @ Fl. Cont. Channel. See F.B. 3710-216

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 11-96A TO BM 11-96
BM 11-96A													BM 11-96A (L.A.G.F.C.D. BM 103-00005)
					162						217		Valley Blvd. & Old Brea Cyn. Rd.
1	145	439	446	5	128	34	199	617	500	5	181	36	@ Flood Cont. Channel
							145	439				34	See F.B. 3710-216
							54	178				70	
													π-Miyahira
BM 11-96													BM 11-96
													Valley Blvd. & Old Brea Cyn.
													Rd., 157.7 Ft. NE'ly. & Int.
													See F.B. 3710-215

T-70°

F.B. 4117 PG. 96 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-20-71

INDEXED [illegible] DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 8:55 to 9:[illegible] ROD NO. 95[illegible]

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 Maldonado DATE 7-16-71 WEATHER Light Clouds INST. NO. 96714
TIME 10:30 to 11:05 ROD NO. 95286
INDEXED E.J. GALLI DATE AUG 16 '71 NOTES CHKD BLANCHARD DATE 8-7-71
T-84° F.B. 4117 PG. 97

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 11-96A TO BM 44-1A
BM 11-96A					240						174		BM 11-96A (L.A.C.F.C.D. BM 103-00005)
1	215	517	516	5	190	50	149	153	450	5	124	50	Valley Blvd. & Old Brea Cyn. Rd.
											296		@ Flood Cont. Channel
2	16	377	317	5	421 / 16½	52	269	775	570	5	241	56 / 5	See F.B. 3710-216
					127	102					206	106	
3	98	332	399	5	69	58	185	276	486	5	264	42	
					125	160					247	148	
4	95	172	396	5	65	60	211	329	512	5	175	72	T. Miyahira
					150	220					217	220	
5	117	811	418	5	84	66	184	319	485	5	151	66	
						286						286	
												286	
	543	209					999	852				572	
							543	209					
							456	643					
BM 44-1A													BM 44-1A (Nail & Hd. on Hd. wall)
													Old Brea Cyn. Rd. (~~Nail & Hd. on Hd. wall~~)
													& 0.5 mi. So. of Valley Blvd.
													See F.B. 1366-163

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 44-1A TO BM 11-96A
BM 44-1A	322	21		217	121	21		156	BM 44-1A (N. & Ld. on Hdwall)
1	187	863	488 5	157 60	125	166	426 5	94 62	Old Brea Cyn. Rd. & 0.5 mi. So. of
				222				128	Valley Blvd.
2	193	853	494 5	164 58	100	111	401 5	72 56	See F.B. 1366-103
				226 118				127 118	
3	196	723	497 5	166 60	96	650	397 5	65 62	
				257 188				32 180	
4	232	185	533 5	207 50	9	073	310 5	9½ 46	π-Miyahira
				244 228				267 226	
5	214	161	515 5	184 60	237	195	538 5	207 60	
				288				286	
&								286	
	1024	785			568	195		572	
	568	195							
	+456	590							
BM 11-96A									BM 11-96A (L.A.C.F.C.D. BM 103-00005)
									Valley Blvd. & Old Brea Cyn. Rd
									@ Flood Cont. Channel
									See F.B. 3710-216

T-88°

WEATHER Sunny & INST. NO. 96716

TIME 3:05 to 3:30 ROD NO. 9549

NOTES CHKD BLANCHARD DATE SEP 7 '71

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-16-71

INDEXED [illegible] DATE

F.B. 4117 PG. 98

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 BM44-1A TO BM44-1
BM 44-1A									BM 44-1A (Nail & Ld. on Hdwall)
				198				146	Old Brea Cyn. Rd. & 0.5 mi. S. of
1	169	690	470 5	140 58	116	215	417 5	86 60	Valley Blvd.
				174				207	See F.B. 1366-103
2	157	843	458 5	140 34	190	823	491 5	173 34	
				92				94	
								92	⊼-Miyahira
	327	533			307	038		186	
	307	038							
	+20	495							
									BM 44-1
BM 44-1									Old Brea Cyn. Rd. & 0.51 mi. S. of
									Valley Blvd. @ Angle Pt. of Rd.
									See F.B. 1366-103

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 7-16-71

INDEXED G. J. GALLI DATE AUG 16 '71

WEATHER Light Clouds & INST. NO. 96716

TIME 11:10 40 ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE SEP 7 '71

F.B. 4117 PG. 99

T-84

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 BM44-1 TO BM44-1A
BM 44-1													BM 44-1
x					209						198		Old Brea Cyn. Rd. & 0.51 m. So. of
1	180	082	481	5	151	58	170	970	471	5	142	56	Valley Blvd. @ Angle Pt. of Rd.
					146						175		See F.B. 1366-103
2	128	077	429	5	110	36	157	688	458	5	139	36	
						94						92	
$												94	π-Miyahira
	308	159					328	658				186	
							308	159					
							-20	499					
BM 44-1A													BM 44-1A (Nail & Ld. on Hdwall)
													Old ~~Cyn.~~ Brea Cyn. Rd. & 0.5 mi.
													So. of Valley Blvd.
													See F.B. 1366-103

T-88°

WEATHER Light Clouds & Sunny INST. NO. 9671

TIME 2:50 to 3:00 ROD NO. 95 & 9

NOTES CHKD BLANCHARD DATE

F.B. 4117 PG. 100 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-16-71

INDEXED [illegible] 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-89°
SURVEY BY O.E. Drier DATE 7-16-71 WEATHER Light Clouds INST. NO. 96716
NOTES BY Maldonado TIME 11:36 to 12:06 ROD NO. 95896
INDEXED [redacted] GALLI DATE [redacted] 16 71 NOTES CHKD BLANCHARD DATE [redacted]
F.B. 4117 PG. 101

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 44-1 TO BM 44-2
BM 44-1	1.13	3.1			135		2.23	2.2			245		BM 44-1
	105	870	406	5	75	60	214	216	515	5	183	62	Old Brea Cyn Rd. 0.51 mi. S. of
					132						223		Valley Blvd. @ Angle Pt. of Rd.
2	102	552	403	5	72	60	193	710	494	5	163	60	See F.B. 1366-103
					129	120					236	122	
3	90	421	391	5	61	58	205	796	506	5	174	62	
					141	178					230	184	
4	111	885	412	5	81	60	203	703	504	5	176	54	T. Miyahira
					134	238					177	238	
5	105	061	406	5	76	58	148	327	449	5	119	58	
					128	296					169	296	
6	100	756	401	5	72	56	140	975	441	5	111	58	
						352						354	
												352	
	616	545					1306	727				706	
							616	545					
							480	182					
BM 44-2													BM 44-2
													Old Brea Cyn. Rd. & Currier Rd.
													See F.B. 1366-104

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 44-2 TO BM 44-1
BM 44-2					162						175		BM 44-2
1	33-3 134	72 782	435	5	106	56	146	963	447	5	117	58	Old Brea Cyn. Rd. & Currier Rd
					232						127		See F.B. 1366-104
2	203	808	504	5	174	58	99	302	400	5	71	56	
					223	114					130	114	
3	194	640	495	5	165	58	100	488	401	5	70	60	
					224	172					111	174	
4	194	567	495	5	164	60	82	587	383	5	53	58	
					225	232					138	232	T. Miyahira
5	194	275	495	5	163	62	108	645	409	5	78	60	
					237	294					131	292	
6	208	580	509	5	179	58	102	553	403	5	73	58	
						352						350	
												352	
	1130	652					640	538				702	
	640	538											
	+490	114											
BM 44-1													
													BM 44-1
													Old Brea Cyn. Rd. & 0.51 mi. So. of
													Valley Blvd. @ Angle Pt. of Rd.
													See F.B. 1366-103

T-88

WEATHER Light Clouds INST. NO. 9671

TIME 2:20 to 2:50 ROD NO. 9569

NOTES CHKD. BLANCHARD DATE

F.B. 4117 PG. 102 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-16-71

INDEXED G. J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 44-2 TO BM 44-3A
BM 44-2													BM 44-2
1	177	922	478	5	204 150	54	69	671	371	5	96 42	54	Old Brea Cyn Rd & Currier Rd
													See FB 1366-104
2	169	731	470	5	202 136	66	143	999	444	5	175 111	64	
						120						118	T MALDONADO
3	158	361	459	5	190 126	64	99	266	400	5	132 66	66	
						184						184	
4	211	422	512	5	245 177	68	102	393	403	5	134 70	64	
						252						248	
5	171	389	472	5	201 141	60	117	434	418	5	150 84	66	
	222	21				312	232	32				314	
BM 44-3												312	BM 44-3A LYCOMING St.
	888	825					532	763				626	OLD BREACYN Rd. & ~~CURRIER~~ Rd.
	532	763											See FB ~~1366-105~~ 3718-17
+	356	062											

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 86

SURVEY BY GE DREIER

NOTES BY MIYAHIRA DATE 16 July 1971 WEATHER Clear & Breezy INST. NO. 96714

INDEXED [illegible] DATE AUG 16 71 TIME 1:20 to 1:50 ROD NO. 95896

NOTES CHKD. [illegible] DATE [illegible]

F.B. 4117 PG. 103

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 Clear & Breezy INST. NO. 96716
TIME 1:50 to 2:45 ROD NO. 95896
NOTES CHKD BLANCHARD DATE

T= ~~100~~ 90°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 44-3A TO BM 44-2
BM 44-3													BM 44-3A
1	119	271	420	5	~~150~~ 88	62	173	391	474	5	~~204~~ 142	62	OLD BREA CYN Rd & LYCOMING St.
													See FB ~~1366-165~~ 3718-17
2	107	952	408	5	~~139~~ 75	64	205	551	506	5	~~237~~ 173	64	
						126						126	T MALDONADO
3	109	882	410	5	~~142~~ 76	66	197	257	498	5	~~229~~ 165	64	
						192						190	
4	146	262	447	5	~~177~~ 115	62	151	409	452	5	~~182~~ 120	62	
						254						252	
5	125	484	426	5	~~153~~ 97	56	237	427	538	5	~~267~~ 207	60	
	132	3'				310	222	22				312 ✓	
BM 44-2												310	BM 44-2
	608851 ✓						965035 ✓					622	OLD BREA CYN Rd & CURRIER Rd.
							608851						See FB 1366-104
							- 356184 ✓						

F.B. 4117 PG. 104 JOB NO. 030102

SURVEY OF LA CO. PRECISE LEVEL NET

SURVEY BY S.F. DREW NOTES MIYAHIRA 16 July '71

INDEXED B.L. BALL DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 44-3A TO B.M. 44-4A
B.M. 44-3A									B.M. 44-3A
1	224	564	525 5	254 / 194 60	87	453	388 5	117 / 57 60	OLD BREA CN RD. & LYCOMING ST.
									SEE F.B. 3718-17
2	266	183	567 5	301 / 232 69	13	902	314 5	144 / 213 62	
				129				122	
3	203	973	504 5	218 / 188 30	66	437	367 5	84 / 48 36	π = MALDONADO
				159				158	
4	220	698	521 5	232 / 208 24	60	734	361 5	72 / 48 24	
				183				182	
B.M. 44-4A								183	B.M. 44-4A
	915	418			228	526		365	OLD BREA CN RD. & COLIMA RD.
	228	526							SEE F.B. 3718-20
	+ 686	892							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 86°

SURVEY BY G.E. DREIER WEATHER SUNNY SMOGGY INST. NO 96716

NOTES BY SIEMANN DATE 7-20-71 TIME 10:45 TO 11:10 ROD NO 95896

INDEXED [illegible] DATE AUG 16 '71 NOTES CHKD BLANCHARD DATE 7 [illegible]

F.B. 4117 PG. 105

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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 B.M. 44-4A TO B.M. 44-3A
B.M. 44-4A													B.M. 44-4A
1	7	991	308	5	1/2 34 7	54	293	176	594	5	1293 2266	54	COLIMA RD. & BREA CN. RD.
													SEE F.B. 3718-20
2	13	439	314	5	1/2 39 13	52	258	452	559	5	284 232	52	
						106						106	
3	95	621	396	5	120 70	50	212	227	513	5	237 187	50	T = MALDONADO
						156						156	
4	125	063	426	5	135 115	20	165	146	466	5	175 155	20	
						176						176	
B.M. 44-3A												176	B.M. 44-3A
	242	114					929	001				352	BREA CN. RD. & LYCOMING ST.
							242	114					SEE F.B. 3718-17
							684	887					
							6						

T = 84°

WEATHER HAZY SUN INST. NO 96716

TIME 1:40 TO 2:00 ROD NO 95496

NOTES CHKD BLANCHARD DATE

F.B. 4117 PG. 106 JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-26-71

INDEXED G. J. GALLI DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY G.E. DREIER NOTES BY SIEMANN DATE 7-20-71 TIME 11:10 TO 11:45 WEATHER SUNNY SMOGGY INST. NO. 76716 ROD NO. 95886

INDEXED G.L. CALI DATE AUG 16 71 NOTES CHKD SUMMARY DATE SEP 3 '71

F.B. 4117 PG. 107

T = 86°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 44-4A TO B.M. 44-5
B.M. 44-4A									B.M. 44-4A
1	137	521	438	5	80	226	381	5	BREA CN. RD. & COLIMA RD.
				168 106 62				109 51 58	SEE F.B. 3718-20
2	162	971	463	5	111	012	412	5	
				190 134 56				140 82 58	
3	250 (49)	898	550	5	44	508	345	5	
				281 217 64 118				76 12 64 116	
4	220	764	521	5	140	185	441	5	
				251 189 62 182				170 110 60 180	
5	87	469	388	5	210	551	511	5	T = MALDONADO
				119 55 64 244				240 180 60 240	
6	55	633	356	5	293	713	594	5	
				84 26 58 308				260 293 66 300	
7	41	038	342	5	263	251	564	5	
				72 10 62 366				294 232 62 366	
				428				428	
B.M. 44.5								428	B.M. 44-5
	955	294			1143	446		856	COLIMA RD. & BANNING WAY
					955	294			SEE F.B. 1366-107
					-188	152			

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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WEATHER HAZY SUN INST. NO. 96216
TIME 1:00 TO 1:35 ROD NO. 9589
NOTES CHKD BLANCHARD DATE

T = 84°

SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER NOTES SIE MANN 7-26-71
INDEXED DATE

F.B. 4117 PG. 168 JOB NO. 0301.02

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 44-5 TO B.M. 44-4A
B.M. 44-5											B.M. 44-5
1	253	677	554	5	280 226 54	72	341	373	5	99 45 54	COLIMA RD. & BANNING WAY
											SEE F.B. 1366-107
2	241	222	542	5	271 211 60	62	498	363	5	96 33 58	
3	204	107	505	5	233 175 58 114	91	020	392	5	120 62 58 112	
4	209	100	510	5	237 181 56 172	133	551	434	5	162 104 58 170	
5	108	974	409	5	132 84 48 228	224	710	524	5	247 201 46 228	T = MALOONADO
6	50	069	351	5	73 27 46 276	206	611	507	5	230 182 48 274	
7	144	501	445	5	169 119 50 322	191	3 789	492	5	219 163 56 322	
8	102	063	403	5	129 75 54 372	143	419	444	5	170 116 54 378	
					426					432	
B.M. 44-4A										426	B.M. 44-4A
	1313	713				1125	889			858	COLIMA RD. & BREA CN. RD.
	1125	889									SEE F.B. 3718-20
	+187	824									

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 7-26-71

INDEXED [illegible] DATE AUG 16 71

WEATHER HAZY SUN INST. NO. 96716

TIME 2:15 TO 2:50 ROD NO. 95896

NOTES CHKD BLANCHARD DATE [illegible]

F.B. 4117 PG. 109

T= 86°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 44-4A TO B.M. 44-5
B.M. 44-4A									B.M. 44-4A
1	137	938	438 5	165 109 56	95	882	396 5	124 66 58	COLIMA RD. & BREA CN. RD.
									SEE F.B. 3718-20
2	172	503	473 5	198 146 52	123	180	424 5	149 97 52	
				108				110	
3	195	917	496 5	219 171 48	38	342	339 5	62 14 48	
				156				158	
4	212	618	513 5	236 188 48	93	019	394 5	117 69 48	
				204				206	
5	181	593	482 5	205 157 48	174	303	475 5	198 150 48	π = MALDONADO
				252				254	
6	100	578	401 5	125 75 50	188	746	489 5	213 163 50	Re-Run
				302				304	
7	81	735	382 5	105 57 48	263	799	564 5	287 239 48	
				350				352	
8	51	050	352 5	76 26 50	228	412	529 5	253 203 50	
				400				402	
~~B.M. 44-5~~ 9	99	518	400 5	116 82 34	215	998	516 5	231 199 32	
				434				434	
B.M. 44-5								434	B.M. 44-5
	1233	450			1421	681		868	COLIMA RD. & BANNING WAY
					1233	450			SEE F.B. 1366-107
					- 188	231			

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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 B.M. 44-5 TO B.M. 44-4A
B.M. 44-5									B.M. 44-5
1	267	723	568 5	297 237 60	53	063	354 5	84 22 62	COLIMA RD. & BANNING WAY
									SEE F.B. 1366-107
2	233	121	534 5	258 208 50	85	811	386 5	109 61 48	
				110				110	
3	194	610	495 5	219 169 50	99	276	400 5	125 73 52	RERUN
				160				162	
4	208	616	509 5	233 183 50	115	278	416 5	139 91 48	
				210				200	
5	133	229	434 5	158 108 50	213	090	514 5	239 187 52	π = MALDONADO
				260				262	
6	38	792	339 5	63 13 50	218	216	519 5	242 194 48	
				310				310	
7	117	147	418 5	142 92 50	106	559	407 5	131 81 50	
				360				360	
8	56	594	357 5	76 36 40	188	329	489 5	208 168 40	
				400				400	
9	159	379	460 5	174 144 30	141	452	442 5	156 126 30	
				430				430	
B.M. 44-4A								430	B.M. 44-4A
	1409	211			1221	074		860	COLIMA RD. & BREA CN. RD.
	1221	074							SEE F.B. 3718-20
	+188	137							

T = 78°

WEATHER LT. BREEZE INST. NO. 967[illegible]

TIME 10:00 TO 10:45 ROD NO. 95[illegible]

NOTES CHKD BLANCHARD DATE

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-27-71

INDEXED G. L. GALLI DATE

F.B. 4117 PG. 110

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. F. Dreier DATE 7-20-71 WEATHER Sunny & Calm TIME 1:15 to 1:50 ROD NO. 25 & 26
NOTES BY M. Schmado
INDEXED C. L. CARLI DATE AUG 16 71 NOTES CHKD BLANCHARD DATE 7-13
F.B. 4117 PG. 111
T-92°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM 44-5 TO BM 44-6
BM 44-5	3 3 2	31			100		3 4 5	3 2			265		BM 44-5
1	69	060	370	5	38	62	235	240	536	5	205	60	Colima Rd. & Banning Way
					129						205		Sec F.B. 1366-107
2	104	421	405	5	79	50	180	962	481	5	155	50	
					197	112					151	110	
3	171	223	472	5	145	52	124	900	425	5	97	54	
					226	164					131	164	T-Siemann
4	201	248	502	5	176	50	108	801	409	5	85	46	
					303	214	58				87	210	
5	277	031	578	5	251	52	59	905	359	5	29	58	
					242	266					124	268	
6	217	080	518	5	192	50	99	369	400	5	74	50	
					208	316					130	318	
7	181	244	482	5	154	54	104	661	405	5	78	52	
					162	370					139	370	
8	154	780	455	5	146	16	131	284	432	5	123	16	
						386						386	
												386	
	1376	087					1044	122				772	BM 44-6
BM 44-6	1044	122											Colima Rd. & 440 Ft. ± W'ly. of
	+331	965											Calbourne Dr.
													See F.B. 3718-23

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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 BM44-6 TO BM 44-5
BM44-6	4	23			158						271		BM44-6
1	126	912	427	5	94	64	239	738	540	5	207	64	Colima Rd. & 440 Ft.± W'ly. of
					106						272		Calhourne Dr.
2	74	938	375	5	42	64	240	790	541	5	208	64	See F.B. 3718-23
					83	128					286	128	
3	50	459	351	5	17	66	254	734	555	5	222	64	
					133	194					205	192	
4	100	450	401	5	67	66	174	020	475	5	143	62	
					201	260					125	254	
5	169	821	470	5	137	64	93	140	394	5	61	64	π-Siemann
					266	324					102	318	
6	241	882	542	5	216	50	76	692	377	5	50	52	
					176	374					195	370	
7	171	128	472	5	166	10	188	096	489	5	181	14	
						384						384	
												384	
	935	590					1267	2~~8~~0				768	
							935	590					
							331	6~~3~~0 2					
BM 44-5													BM 44-5
													Colima Rd & Banning Way
													See F.B 1366-107

T-80°

WEATHER Hazy Sun INST. NO. 9671

TIME 11:10 to 11:

ROD NO. 95-25

NOTES CHKD BLANCHARD DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-26-71

INDEXED J. J. GALLI DATE

FIG. 112

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM44-5 TO BM44-6
BM44-5	12	24			90		45	34			212		BM 44-5
1	66	115	367	5	42	48	189	673	490	5	166	46	Colima Rd & Banning Way
					112						219		See F.B. 1366-107
2	87	738	388	5	62	50	193	548	494	5	167	52	
					183	98					166	98	
3	157	099	458	5	131	52	141	829	442	5	116	50	
					224	150					145	148	T. Siemann
4	196	201	497	5	168	56	119	677	420	5	93	52	
					298	206					83	200	Re-Run
5	271	174	572	5	244	54	5 ~~56~~	943	356	5	27	56	
					245	260					123	256	
6	219	111	520	5	193	52	94	663	395	5	65	58	
					240	312					127	314	
7	215	908	516	5	190	50	98	907	399	5	69	58	
					186	362					168	372	
8	176	319	477	5	166	20	163	540	464	5	158	10	
						382						382	
												382	
	1389	665					1057	780				764	
	1057	780											
	1331	885											
BM44-6													BM 44-6
													Colima Rd. & 440 Ft. ± W'ly. of
													Colburne Dr.
													See F.B. 3718-23

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 7-26-71
INDEXED C.J. CALL DATE AUG 16 '71
WEATHER Hazy Sun INST. NO. 96716
TIME 2:55 to 3:25 ROD NO. 95696
NOTES CHKD BLANCHARD DATE SEP 7 '71
T-88°
F.B. 4117 PG. 113

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 44-6 TO BM 44-5
BM 44-6	331	42			162		230	62			268		BM 44-6
1	131	188	432	5	100	62	237	369	538	5	206	62	Colima Rd. & 440 Ft.± W'ly of
					114						266		Colburne Dr.
2	83	029	384	5	52	62	236	710	537	5	206	60	See F.B. 3718-23
					101	124					299	122	
3	69	890	370	5	37	64	299	412	600	5	263½	72	
					140	188					208	194	
4	104	391	405	5	68	72	175	770	476	5	142	66	
					203	260					95	260	T-Siemann
5	168	021	469	5	133	70	60	638	361	5	25	70	
					274	330					151	330	Re-Run
6	248	197	549	5	222	52	126	866	427	5	101	50	
						382						380	
												382	
	804	716					1136	765				762	
							804	716					
							332	049					
BM 44-5													BM 44-5
													Colima Rd. & Banning Way
													See F.B. 1366-107

WEATHER Clear Sun INST. NO. 96716
TIME 10:30 to ROD NO. 95-696
NOTES CHKD BLANCHARD DATE 7-27-71

SURVEY OF L.A. Co. Precise Level Net JOB NO. 0301.02
SURVEY BY Dreier NOTES Maldonado DATE 7-27-71
INDEXED B.L. BALL

F.B. 4117 P.G. 114

1-80

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 44-6 TO BM 44-7
BM 44-6	333	33			268		132	42			154		BM 44-6
1	241	541	542	5	214	54	129	579	430	5	104	50	Colima Rd. & 440 Ft. ± W'ly, of
					261						148		Calbourne Dr.
2	233	121	534	5	205	56	120	288	421	5	92	56	See F.B. 3718-23
					204	110					170	106	
3	177	373	478	5	150	54	144	111	445	5	118	52	
					217	164					161	158	π-Siemann
4	190	301	491	5	163	54	130	640	431	5	99	62	
					144	218					239	220	
5	117	999	418	5	90	54	214	250	515	5	189	50	
					141	272					226	270	
6	114	414	415	5	87	54	203	268	504	5	180	46	
					122	326					247	316	
7	95	304	396	5	68	54	219	521	520	5	191	56	
					142	380					242	372	
8	120	069	421	5	98	44	216	052	517	5	190	52	
						424						424	BM 44-7
BM 44-7												424	Colima Rd. & 610 ± Ft. W'ly. of main
	1290	122					1377	709				848	Ent. of Pomona Nat. Golf Course
							1290	122					See F.B. 1366-119
							-087	587					

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-20-71

INDEXED S.J. GALLI DATE AUG 16 '71

WEATHER Sunny & Calm

TIME 1:50 to 2:20

NOTES CHKD BLANCHARD DATE

INST. NO. 96716

ROD NO. 95 & 96

F.B. 4117 PG. 115

7-94°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM44-7 TO BM44-6
BM 44-7	223	42			276		334	92			110		BM 44-7
1	242	142	543	5	208	68	76	815	377	5	42	68	Colima Rd. & 610 Ft.± W'ly. of
					247						131		main Ent. to Pomona Nat. Golf
2	212	726	513	5	177	70	95	871	396	5	59	72	Course.
					267	138					133	140	See F.B. 1366-119
3	232	184	533	5	197	70	101	690	402	5	69	64	
					172	208					219	204	
4	140	552	441	5	108	64	186	375	487	5	153	66	
					150	272					192	270	
5	118	590	419	5	86	64	161	378	462	5	130	62	π-Siemann
					121	336					246	332	
6	88	489	389	5	55	66	213	330	514	5	180	66	
					137	402					251	398	
7	124	834	425	5	111	26	236	789	537	5	221	30	
						428						428	
												428	
	1159	517					1072	248				856	
	1072	248											
	+87	269											
													BM 44-6
													Colima Rd. & 440 Ft.± W'ly. of
BM 44-6													Calbourne Dr.
													See F.B. 3718-23

F.B. 4117 PG. 116 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-26-71

INDEXED J. J. SAMS DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 10:20 to ROD NO. 95 & 96

NOTES CHKD. BLANCHARD DATE

T-78°

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 7-72°
SURVEY BY G.E. Drier DATE 7-27-71 WEATHER Hazy Sun INST. NO. 86711
NOTES BY Maldonado TIME 8:25 to 9:05 ROD NO. 25424
INDEXED B.J. Calli DATE AUG 16 '71 NOTES CHKD S.L. Chard DATE
F.B. 4117 PG. 117

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 44-6 TO BM 44-7
BM 44-6	233	28			277		24	31			141		BM 44-6
1	248	326	549	5	219	58	114	780	415	5	87	54	Colima Rd. & 440 Ft. ± W'ly of
					239						145		Colburne Dr.
2	212	399	513	5	185	54	119	622	420	5	93	52	see F.B. 3718-23
					212	112					165	106	
3	177	833	478	5	142	70	128	730	429	5	91	74	
					229	182					225	180	
4	195	722	496	5	161	68	191	219	492	5	157	68	
					124	250					269	248	
5	92	529	393	5	60	64	236	513	537	5	203	66	X-Siemann
					135	314					250	314	Re-Run
6	104	111	405	5	73	62	219	783	520	5	188	62	
					131	376					238	376	
7	106	119	407	5	81	50	213	860	514	5	188	50	
						426						426	
												426	
	1137	039					1224	507				852	
							1137	039					
							87	468					
BM 44-7													BM 44-7
													Colima Rd. & 610 Ft. ± W'ly of main
													Ent. to Pomona Nat. Golf Course
													see F.B. 1366-119

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4117 PG. 118 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-27-71

INDEXED L.L. BALL DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 9:10 to 5:40 ROD NO. 95896

NOTES CHKD BLANCHARD DATE

T-82°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM 44-7 TO BM 44-6
BM 44-7	243	21			237		343	32			130		BM 44-7
1	212	688	513	5	187	50	105	462	406	5	80	50	Colima Rd. & 610 Ft.± W'ly of main
					273						140		Ent. to Pomona Nat'l Golf
2	239	751	540	5	205	68	105	689	406	5	70	70	Course
					274	118					132	120	See F.B. 1366-119
3	239	402	540	5	204	70	98	194	399	5	64	68	
					217	188					215	188	
4	186	001	488	5	157	60	184	115	485	5	153	62	
					170	248					211	250	
5	140	011	441	5	140	60	182	100	483	5	153	58	K-Siemann
					157	308					259	308	Re-Run
6	127	761	428	5	97	60	228	932	529	5	197	62	
					145	368					299	370	
7	114	830	415	5	83	62	269	640	570	5	239	60	
						430						430	
												430	
	1261	444					1174	132				860	
	1174	132											
	87	312											
BM 44-6													BM 44-6
													Colima Rd. & 440 Ft.± W'ly of
													Colburne Drive
													See F.B. 3718-23

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 44-7 TO BM 44-~~8~~ 7A
BM 44-7					113						199		BM 44-~~8~~7
1	88	402	389	5	63	50	173	880	474	5	147	52	Colima Rd. & 610 Ft± W'ly. of
					95						238		main Ent. to Pomona Nat. Golf
2	70	613	371	5	45	50	214	034	515	5	190	48	Course
					58	100					244	100	See F.B. 1366-119
3	26	622	327	5	26 ½	64	212	377	513	5	80	64	
					99	164					183	164	
4	83	846	384	5	67	32	167	365	468	5	151	32	π-Miyahira
						196						196	
												196	
	269	483					767	656				392	
							269	483					
							498	173					
BM 44-7A													BM 44-7A
													~~Pomona~~ Colima Rd. & Brea Cyn Cutoff Rd.
													See F.B. 3718-26 N.E. Cor.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-20-71

INDEXED G.E. GALLI DATE AUG 16 '71

WEATHER Sunny & Calm

TIME 2:30 to 2:55

NOTES CHKD BLANCHARD DATE

INST. NO. 96716

ROD NO. 85296

T-92°

F.B. 4117 PG. 119

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 44-7A TO BM 44-7
BM 44-7A									BM 44-7A
				273				112	Colima Rd & Brea Cyn. Cutoff Rd
1	273	536	574 5	235½ 76	74	480	375 5	36 76	See F.B 3718-26 N.E. Cor.
				283				98	
2	283	936	584 5	246½ 74	61	355	362 5	24 74	
				232 150				158 150	
3	210	953	511 5	188 44	134	246	435 5	110 48	T-Miyahira
				194				198	
								194	
	768	425			270	081		392	
	270	081							
	+498	344							
BM 44-7									BM 44-7
									Colima Rd & 610 Ft ± W'ly of main
									Ent. to Pomona Nat. Golf Course
									See F.B. 1366-119

T-76°

WEATHER Hazy Sun INST. NO. 96716

TIME 16:20 to 16:40 ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-26-71

INDEXED [redacted] DATE

F.B. 4117 PG. 120

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-92°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 7-20-71
INDEXED [illegible] DATE AUG 16 '71
WEATHER Sunny & Breezy INST. NO 96716
TIME 2:55 to 3:25 ROD NO. 95 & 96
NOTES CHKD BLANCHARD DATE
F.B. 4117 PG. 121

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 44-7A TO BM 44-8
BM 44-7A									BM 44-7A
				169				262	Colima Rd. & Brea Cyn. Cutoff Rd
1	141	620	442 5	113 56	234	672	535 5	206 56	See F.B. 3718-26 N.E. Cor.
				77				285	
2	51	303	352 5	25 52	258	748	559 5	231 54	
				31 108				295 110	
3	7	371	308 5	7 ½ 48	295	210	596 5	271 ½ 48	π-Miyahira
				36 156				287 158	
4	16	300	317 5	16 ½ 40	268	528	569 5	149 38	
				26 196				287 196	
5	6	710	307 5	6 ½ 40	267	753	568 5	247 40	
				53 236				294 236	
6	32	144	333 5	11 42	294	000	595 5	273 ½ 42	
				278				278	
								278	
	255	448			1618	911		556	
					255	448			
					1363	463			BM 44-8
BM 44-8									Colima Rd. & W. of Ybarra Dr.
									See F.B. 1366-110

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4117 PG. 122 JOB NO. 0301.02

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

SURVEY BY Dreier NOTES Maldonado 7-26-71

INDEXED B. J. GALLI DATE

NOTES CHKD. BLANCHARD DATE

WEATHER Overcast INST. NO. 96716

TIME 9:45-12:10:15 ROD NO. 95896

T-78°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 44-8 TO BM 44-7A
BM 44-8	433	23			296		1	22			29		BM 44-8
1	296	734	597	5	274½	44	8	566	309	5	8½	42	Colima Rd. & W. of Ybarra Dr
					302						26		See F.B. 1366-110
2	281	733	582	5	260	42	5	313	306	5	5½	42	
					296	86					31	84	
3	296	053	597	5	272	48	6	185	307	5	6½	50	
					301	134					31	134	
4	301	868	602	5	278½	46	8	112	309	5	8½	46	T. Miyahira
					270	180					118	180	
5	249	328	550	5	228	42	96	437	397	5	74	44	
					226	222					162	224	
6	196	678	497	5	166	60	134	172	435	5	106	56	
						282						280	
												282	
	1622	394					258	785				562	
	258	785											
	+1363	609											
BM 44-7A													BM 44-7A
													Colima Rd. & Brea Cyn. Cutoff Rd. N.E. Cor.
													See F.B. 3718-26

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 7-21-71

INDEXED [illegible] DATE AUG 16 '71

WEATHER PTLY CLOUDY INST. NO 96716

TIME 9:30 TO 10:30 ROD NO. 95896

NOTES CHKD BLANCHARD DATE

F.B. 4117 PG. 123

T = 80

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	778	6							FROM B.M. 44-8 TO B.M. 44-9A
B.M. 44-8									B.M. 44-8
1	71	703	372 5	95 47 48	195	953	496 5	219 171 48	COLIMA RD. W. OF YBARRA DR.
									SEE F.B. 1366-110
2	55	892	356 5	86 24 62	152	662	453 5	183 121 62	
				110				110	
3	178	350	479 5	208 148 60	24	411	325 5	154 224 60	
				170				170	
4	245	193	546 5	274 216 58	141	369	442 5	170 112 58	
				228				228	
5	88	962	389 5	114 62 52	183	733	484 5	206 160 46	T = MALDONADO
				280				274	
6	81	229	382 5	109 53 56	224	722	525 5	254 194 60	
				336				334	
7	93	757	394 5	123 63 60	203	218	504 5	232 174 58	
				396				392	
8	102	998	403 5	129 75 54	193	452	494 5	220 166 54	
				450				446	
9	92	899	393 5	120 64 56	273	701	574 5	303 243 60	+ 1432.774
				506				506	− 2635.048
10	8	689	309 5	130 28 44	284	098	585 5	306 262 44	− 1202.274
				550				550	
11	67	272	368 5	94 40 54	193	653	494 5	219 167 52	
				604				602	
12	101	780	402 5	127 75 52	188	529	489 5	215 161 54	
13	104	868	405 5	130 78 656	185	909	486 5	210 160 656	
14	139	182	440 5	154 124 52	189	638	490 5	205 173 50	B.M. 44-9A
				708				706	
				30				32	COLIMA RD. & NOGALES ST.
				738				738	SEE F.B. 3718-31
B.M. 44-9A								738	
	1432	774			2635	048		1476	

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 44-9A TO B.M 44-8
B.M. 44-9A									B.M. 44-9A
1	200	572	501 5	236 164 72	91	528	392 5	122 60 62	COLIMA RD. & W. OF NOGALES ST
2	217	424	518 5	257 177 80 152	67	839	368 5	117 17 100 162	SEE F.B. 3718-31
3	241	149	542 5	270 212 58	13	342	314 5	135 13 44	
4	296	590	597 5	1296 268 210 56	19	121	320 5	150 219 206 62	
5	257	420	558 5	306 209 266 97	84	789	385 5	132 35 268 97	
6	204	999	505 5	1204 167 363 74	43	778	344 5	81 5 365 76	
7	214	892	515 5	254 174 437 80	61	121	362 5	103 19 441 84	
8	73	070	374 5	96 50 517 46	187	723	488 5	206 168 525 38	π = MALDONADO
9	47	191	348 5	75 19 563 56	201	909	502 5	227 175 563 52	
10	173	016	474 5	212 134 619 78	58	868	359 5	99 17 615 82	
11	209	524	510 5	226 192 697 34	104	101	405 5	121 87 697 34	
				731				731	
B.M. 44-8								731	B.M. 44-8
	135	847			934	119		462	COLIMA RD. W. OF YBARRA DR
	934	119							SEE F.B. 1366-110
	~~+1201~~	~~728~~							
	+1201	728							

T = 72°

WEATHER OVERCAST INST. NO 96716

TIME 8:40 TO ROD NO 95896

NOTES CHKD BLANCHARD DATE

F.B. 4117 PG. 124 JOB NO 0301-02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-26-71

INDEXED [illegible] 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 = 86

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 7-27-71 WEATHER LT. BREEZE INST. NO 96716

INDEXED [illegible] DATE AUG 16 71 TIME 11:00 TO 11:40 ROD NO. 95896

NOTES CHKD BLANCHARD DATE

F.B. 4117 PG. 125

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 44-8 TO B.M. 44-9B
B.M. 44-8													B.M. 44-8
1	59	847	360	5	86 32	54	211	580	512	5	238 184	54	COLIMA RD. W. OF YBARRA ~~RD~~ DR.
													SEE F.B. 1366-110
2	79	979	380	5	104 54	50	157	507	458	5	181 133	48	
						104						102	
3	170	518	471	5	195 145	50	66	574	367	5	91 41	50	
						154						152	
4	231	800	532	5	256 206	50	71	793	372	5	95 49	46	
						204						198	
5	150	278	451	5	174 126	48	194	615	495	5	221 167	54	
						252						252	T = MALDONADO
6	71	713	372	5	98 44	54	210	513	511	5	235 185	50	
						306						302	
7	91	766	392	5	118 64	54	201	142	502	5	230 172	58	
						360						360	
8	109	513	410	5	134 84	50	193	363	494	5	218 168	50	
						410						410	
9	141	731	442	5	149 133	16	140	213	441	5	149 131	18	
						426						428	
B.M. 44-9B												426	B.M. 44-9B
	1107	145					1447	300				854	COLIMA RD. & OTTERBEIN AVE.
							1107	145					SEE F.B. 3718-29
							- 240	155					
							3						

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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. 4117 PG. 126 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-27-71 DATE

INDEXED B.J. GALLI DATE

NOTES CHKD BLANCHARD DATE

WEATHER HAZY SUN INST. NO 96716

TIME 2:00 TO 2:30 ROD NO. 75882

T: 92°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 44-9B TO B.M. 44-8
B.M. 44-9B													B.M. 44-9B
1	180	440	481	5	208 152	56	96	579	397	5	123 69	54	COLIMA RD. & OTTERBEIN AVE.
													SEE F.B. 3718-29
2	191	848	492	5	215 167	48	88	640	389	5	113 63	50	
						104						104	
3	199	914	500	5	223 175	48	96	149	397	5	120 72	48	
						152						152	
4	194	278	495	5	218 170	48	99	251	400	5	124 74	50	
						200						202	
5	116	959	417	5	140 92	48	207	337	508	5	231 183	48	
						248						250	
6	56	322	357	5	80 32	48	223	860	524	5	247 199	48	T = MALDONADO
						296						298	
7	137	019	438	5	162 112	50	120	977	421	5	144 96	48	
						346						346	
8	190	693	491	5	212 168	44	86	632	387	5	112 60	52	
						390						398	
9	205	251	506		219 191	28	113	277	414	5	124 102	22	
						418						420	
												418	
B.M. 44-8													B.M. 44-8
	1472	724					1132	702				838	COLIMA RD. W. OF YBARRA ST
	1132	702											SEE F.B. 1366-110
	+340	022											

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 7-27-71 WEATHER HAZY SUN INST. NO 96716
NOTES BY SIEMANN TIME 11:40 TO 12:10 ROD NO 95696
INDEXED DATE AUG 16 '71 NOTES CHKD BLANCHARD DATE
T = 86°
F.B. 4117 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. 44-9B TO B.M. 44-9A
B.M. 44-9B													B.M. 44-9B
1	82	591	383	5	110 54	56	188	477	489	5	214 162	52	COLIMA RD. & OTTERBEIN AVE.
													SEE F.B. 3718-29
2	55	019	356	5	79 31	48	281	738	582	5	304 257	47	
						104						99	
3	9	478	310	5	130 9	42	242	121	543	5	253 221	42	
						146						141	
4	91	982	392	5	116 66	50	194	353	495	5	219 169	50	
						196						191	π = MALDONADO
5	87	228	388	5	119 55	64	197	914	498	5	231 162	69	
						260						260	
6	110	187	411	5	138 82	56	194	024	495	5	223 165	58	
						316						318	
B.M. 44-9A												316	B.M. 44-9A
	436	485					1298	627				634	COLIMA RD. & NOGALES ST.
							436	485					SEE F.B. 3718-31
							-862	142					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 417 Pg. 128 | JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER & SIEMANN 7-27-71

INDEXED G.J. GALLI DATE

NOTES CHKD BLANCHARD DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 1:30 TO 2:00 ROD NO. 55896

T = 90°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 44-9A TO B.M. 44-9B
B.M. 44-9A													B.M. 44-9A
1	189	551	490	5	214 164	50	103	633	404	5	128 78	50	COLIMA RD. W. OF NOGALES ST.
													SEE F.B. 3718-31
2	195	530	496	5	222 168	54	102	004	403	5	130 74	56	
						104						106	
3	185	142	486	5	211 159	52	97	789	398	5	125 69	56	
						156						162	
4	226	619	527	5	251 201	50	10	344	311	5	133 210	46	T = MALOONA 00
						206						208	
5	295	108	596	5	295 270	50	43	451	344	5	69 19	50	
						256						258	
6	222	609	523	5	251 193	58	95	388	396	5	123 67	56	
						314						314	
B.M. 44-9B												314	B.M. 44-9B
	1314	559										628	COLIMA RD. & OTTERBEIN AVE.
	452	609					~~452~~	~~609~~					SEE F.B. 3718-29
							452	609					
	+ ~~861~~	~~750~~											
	+ 861	950											

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G. E. DREIER

NOTES BY SIEMANN DATE 7-21-71

INDEXED C. J. GALLY DATE AUG 16 '71

WEATHER PTLY CLOUDY INST. NO. 96716

TIME 10:45 TO 11:30 ROD NO. 95496

NOTES CHKD BLANCHARD DATE

F.B. 4117 PG. 129

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 44-9A TO B.M. 44-11A
B.M. 44-9A	5	3							B.M. 44-9A
1	111	739	412 5	139 83 56	209	143	510 5	242 176 66	COLIMA RD. & W. OF NOGALES RD
									SEE F.B. 3718-31
2	94	907	395 5	126 62 64	194	065	495 5	221 167 54	
				120				120	
3	93	343	394 5	123 63 60	202	564	503 5	232 172 60	
				180				180	
4	94	943	395 5	126 62 64	210	209	511 5	243 177 66	
				244				246	
5	138	231	439 5	170 106 64	178	730	479 5	211 145 66	
				308				312	π = MALDONADO
6	120	466	421 5	153 87 66	183	920	484 5	215 151 64	
				374				376	
7	120	600	421 5	151 89 62	167	339	468 5	198 136 62	
				436				438	
8	118	413	419 5	150 86 64	176	613	477 5	208 144 64	
				500				502	
9	139	246	440 5	167 111 56	129	600	430 5	158 100 58	
				556				560	
10	174	546	475 5	194 154 40	126	951	427 5	144 108 36	
				596				596	
B.M. 44-11A								596	B.M. 44-11A
	1206	434			1779	134		1192	COLIMA RD. & BATSON AVE.
					1206	434			SEE F.B. 1366-120
					-572	700			

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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
BM 44-11A									FROM BM 44-11A TO B.M. 44-9A
~~BM 44-11A~~									~~BM 44-11A~~
1	~~216~~	~~711~~	~~517~~ 5	~~237~~ ~~195~~ ~~42~~	~~67~~	~~179~~	~~368~~ 5	~~88~~ ~~46~~ ~~42~~	~~Colima Rd & Batson Ave NW G~~
									B.M. 44-11A
1	128	799	429 5	155 101 54	187	752	488 5	216 158 54	COLIMA RD. & BATSON AVE.
									SEE F.B. 1366-120
2	143	852	444 5	171 115 56	138	783	439 5	166 110 56	
3	180	636	481 5	212 148 110 64	115	779	416 5	148 82 110 64	
				174				174	
4	175	328	476 5	206 144 62	119	910	420 5	150 88 62	
				236				236	
5	173	653	474 5	203 143 60	121	369	422 5	151 91 60	
				296				296	
6	169	479	470 5	195 143 52	116	037	417 5	142 90 52	
				348				348	
7	168	571	469 5	195 141 54	97	318	398 5	123 71 52	T = MALDONADO
				402				400	
8	197	841	498 5	223 171 52	110	199	411 5	135 85 50	
				454				450	
9	193	409	494 5	220 166 54	93	262	394 5	122 64 58	
				508				508	
10	187	999	488 5	213 161 52	100	742	401 5	126 74 52	
				560				560	
11	175	736	476 5	192 158 34	121	442	422 5	138 104 34	
				594				594	
B.M. 44-9A								594	B.M. 44-9A
	1895	393			1322	593		1188	COLIMA RD W. OF NOGALES ST.
	1322	593							SEE F.B. 3718-31
	+ 572	7[illegible]							

T = 92 ~~84~~

WEATHER HAZY SUN INST. NO. 9674

TIME ~~[illegible]~~ 3:10 ROD NO. 95 [illegible]

NOTES CHKD BLANCHARD DATE

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN - 7-23-71

INDEXED [illegible] DATE

F.B. 4117 PG. 130

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 = 84
SURVEY BY G E DREIER
NOTES BY MIYAHIRA DATE 21 July 1971 WEATHER Calm & clear
INDEXED DATE AUG 16 71 NOTES CHKD BLANCHARD DATE
TIME 11:40a ROD NO. 95 & 96 INST. NO. 96716
F.B. 4417 PG. 131

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 44-11A TO B.M. 44-12A
BM 44-11A													BM 44-11 A
1	216	711	517	5	237 195	42	67	179	368	5	88 46	42	COLIMA Rd & BATSON Ave, NW Cor
													See FB 1366-120
2	272	481	573	5	292 252	40	29	000	330	5	49 9	40	
						82						82	π Siemann
3	298	989	599	5	(-)298 279	38	62	237	363	5	80 44	36	
						120						118	
4	294	859	595	5	(-)294 272	42	60	455	361	5	81 39	42	
						164						160	
5	191	190	492	5	216 166	50	177	400	478	5	203 151	52	
						214						212	
6	75	989	376	5	99 51	48	282	181	583	5	304 258	46	
	434	42				262	321	22				258	
BM 44-12A												262	BM 44-12A
	1350	219					678	452				520	COLIMA Rd & FULLERTON Rd SE Cor
	678	452											See FB 3718-37
	+671	767											

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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 BM44-12A TO BM44-11A
BM 44-12A									BM 44-12A
1	297	531	598 5	1297 / 275 44	73	541	374 5	97 / 49 48	COLIMA Rd & FULLERTON
									SE Cor
2	172	802	473 5	197 / 147 50	196	800	497 5	220 / 172 48	See FB ~~1366~~ 3718-37
				94			598	96	
3	56	515	357 5	79 / 33 46	297	144	~~998~~ 5	(½) 297 / 272 50	
				140				146	⊼ Siemann
4	9	409	310 5	(½) 30 / 9 42	290	364	591 5	(½) 290 / 273 34	
				182				180	
5	57	279	358 5	74 / 40 34	262	567	563 5	280 / 244 36	
				216				216	
6	46	360	347 5	69 / 23 46	191	141	492 5	214 / 168 46	
	332	12		262	522	21		262	
BM 44-11A								262	BM 44-11A
	639	896			1311	557		524	COLIMA Rd & BATSON AVE NW Cor
					639	896			See FB 1366-120
					671	661			

F.B. 4117 PG. 132 JOB NO. 0301.02

SURVEY OF LA Co PRECISE LEVEL NET

SURVEY BY GE PREIER NOTES MIYAHIRA 23 July '71

INDEXED [illegible] GALLI DATE

WEATHER Hazy & Light Breeze INST. NO. 96716

TIME 2:05 ROD NO. 95[illegible]

NOTES CHKD BLANCHARD 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=92

SURVEY BY G E DREIER WEATHER Calm & Hazy INST. NO. 96716

NOTES BY MIYAHIRA DATE 21 July 1977 TIME 1:20 ROD NO. 95

INDEXED [illegible] DATE AUG 16 '71 NOTES CHKD BLANCHARD DATE

F.B. 4117 PG. 133

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 44-12A TO BM 44-13
BM 44-12A	658				86		787	85					BM 44-12A
1	65	709	366	5	44	42	299	109	600	5	(½) 299 280	38	COLIMA Rd & FULLERTON Rd SE Co
													See FB 3718-37
2	12	780	313	5	25 -1	26	259	880	560	5	272 246	26	
						68						64	⊼ Siemann
3	17	814	318	5	(½) 39 17	44	301	259	602	5	(½) 301 281	40	
						112						104	
4	50	968	351	5	75 25	50	239	391	540	5	268 210	58	
						162						162	
5	136 ~~23~~	228	437	5	161 111	50	168	758	469	5	193 143	50	− 2535.005 592
						212						212	+ 1543.442 590
~~6~~	~~168~~	~~758~~	~~469~~	~~5~~	~~143~~					~~5~~			− 991.563 1182
6'	143	504	444	5	168 118	50	167 ~~168~~	984	468	5	192 142	50	
						262						262	
7	144	668	445	5	170 118	52	159	399	460	5	185 133	52	
						314						314	
8	166	471	467	5	190 142	48	149	801	450	5	173 125	48	
						362						362	
9	162	990	463	5	187 137	50	150	652	451	5	176 124	52	
						412						414	
10	162	689	463	5	187 137	50	151	475	452	5	175 127	48	
						462						462	
11	161	940	462	5	186 136	50	146	350	447	5	172 120	48	
						512						510	
12	160	608	461	5	185 135	50	149	662	450	5	173 125	48	BM 44-13
						562						558	COLIMA Rd 0.2 mi W'ly of
13	157 8	66 073	458	5	171 143	28	191	285	492	5	208 174	34	FULLERTON Rd. by Mi. Post 60/LA 21-59
BM 44-13	1543	442				590	2535	005				592	See FB 1366-116

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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 BM 44-13 TO BM 44-12A
BM 44-13									BM 44-13
1	195	157	496 5	220 / 170 50	165	166	466 5	190 / 140 50	COLIMA Rd 0.7 mi W'ly of
									FULLERTON Rd by Mi POST
2	152	117	453 5	177 / 127 50	159	757	460 5	185 / 133 52	60/LA 21-5
				100				102	See FB 1366-116
3	151	445	452 5	176 / 126 50	165	540	466 5	190 / 140 50	
				150				152	π Siemann
4	153	560	454 5	179 / 127 52	166	547	467 5	193 / 139 54	
				202				206	
5	151	869	452 5	175 / 127 48	160	255	461 5	183 / 137 46	
				250				252	
6	148	989	449 5	174 / 122 52	164	199	465 5	190 / 138 52	
				302				304	
7	175	691	476 5	205 / 145 60	145	290	446 5	177 / 113 64	
				362				368	
8	183	284	484 5	214 / 152 62	147	580	448 5	175 / 119 56	+ 2531.804
				424				424	− 1540.539
9	175	925	476 5	205 / 145 60	37	051	338 5	65 / 9 56	
				484				480	+ 991.265
10	288	752	589 5	306 / 270 36	10	283	311 5	(½) 26 / 10 32	
				520				512	
11	282	400	583 5	294 / 270 24	15	919	316 5	32 / -2 34	
				544				546	
12	256	432	557 5	270 / 242 28	44	942	345 5	57 / 31 26	
				572				572	BM 44-12A
13	216	183	517 5	225 / 207 18	158	010	459 5	167 / 149 18	COLIMA Rd & FULLERTON Rd
	866	75		590				590	SE Cor.
BM 44-12A								590	See FB ~~1366~~ -
	2531	804			1540	539		1180	3718-37

T=90 Hazy

WEATHER Light Breeze INST. NO. 9671

TIME 1:00 to 2:05 ROD NO. 95896

NOTES CHKD BLANCHARD DATE

JOB NO. 0301.02

SURVEY OF LA Co PRECISE LEVEL NET

SURVEY BY GE DREIER NOTES MIYAHIRA 23 July '71

INDEXED [illegible] GALLI DATE

F.B. 4117 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 44-13 TO 44-14A
BM 44-13	534	51			210		433	32			155		BM 44-13
1	186	725	487	5	162	48	131	178	432	5	107	48	COLIMA Rd 0.3 mi W'ly of
					179						142		FULLERTON Rd. by Mi. Marker 60/LA 21-54
2	153	910	454	5	127	52	117	518	418	5	92	50	SEE FB 1366-116
					214	100					131	98	
3	183	642	484	5	152	62	99	642	400	5	67	64	
					214	162					130	162	K. Miyahira
4	184	552	485	5	154	60	99	312	400	5	68	62	
					217	222					128	224	
5	187	202	488	5	157	60	98	847	399	5	68	60	
					190	282					191	284	
6	159	713	460	5	128	62	160	580	461	5	129	62	
					117	344					297	346	
7	81	940	382	5	45	72	260	380	561	5	223	74	
						416						420	
												416	
	1137	684					967	457				836	
	967	457											
	+170	227											
BM-44-14A													BM 44-14A
													Colima Rd. & Azusa Ave.
													See F.B. 3718-41

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

SURVEY BY G E DREIER

NOTES BY ~~Miyahira~~ Maldonado DATE 7-21-71

INDEXED [illegible] DATE AUG 16 71

WEATHER Hazy Sun

TIME 2:20 to 3:00

NOTES CHKD BLANCHARD DATE

INST. NO. 96716

ROD NO. 95 & 96

T-92°

F.B. 4117 PG. 135

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 44-14A TO 44-13
BM 44-14A	253	32			282		535	32			194		BM 44-14A
1	258	511	559	5	234	48	120	190	421	5	96	48	Colima Rd. & Azusa Ave.
					224						163		See F.B. 3718-41
2	197	147	495	5	164	60	133	243	434	5	103	60	
					144	108					214	108	
3	113	515	414	5	82	62	183	743	484	5	152	62	
					131	170					205	170	
4	106	142	407	5	81	50	180	785	481	5	155	50	T-Miyahira
					137	220					194	220	
5	117	923	418	5	97	40	174	920	475	5	154	40	
					137	260					193	260	
6	116	402	417	5	95	42	172	516	473	5	151	42	
					136	302					177	302	
7	115	621	416	5	94	42	156	630	457	5	135	42	
					155	344					173	344	
8	134	350	435	5	113	42	153	700	454	5	133	40	
					139	386					191	384	
9	125	302	426	5	111	28	176	508	477	5	161	30	
						414 ✓						414 ✓	
												414	
	1281	913 ✓					1452	2855				828 ✓	
BM 44-13							1281	913					BM 44-13
									✓				Colima Rd. & 0.7 mi. W'ly. of
							170	372					Fullerton Rd. @ Mi. Post 60/4A
													See F.B. 1366-116 21-59

WEATHER Hazy Sun INST. NO. 96716
TIME 11:00 to 11:45 ROD NO. 25 & 27
NOTES CHKD BLANCHARD DATE 5/7
1 — 80

SURVEY OF LA. Co. Prease Level Net JOB NO. 0301.02
SURVEY BY Dreier NOTES Maldonado 7-23-71 DATE
INDEXED L. BALL
F.B. 4117 PG. 136

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.F. Dreier DATE 7-21-71 WEATHER Hazy Sun INST. NO. 90716
NOTES BY Maldonado TIME 3:00 to 3:30 ROD NO. 55-56
INDEXED R.G. CALL DATE AUG 16 71 NOTES CHKD BLANCHARD DATE
F.B. 4117 PG. 137

T - 90°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 44-14A TO B.M. 44-15A
BM 44-14A					148						215		B.M. 44-14A
1	119	209	420	5	90	58	186	732	487	5	157	58	COLIMA RD & AZUSA AVE
					75						260		SEE F.B. 3718-41
2	45	851	346	5	15	60	229	452	530	5	198	62	
					137	118	170				200	120	
3	107	190	408	5	77	60	~~107~~	153	471	5	140	60	
					120	178					145	180	
4	90	112	391	5	60	60	113	604	414	5	81	64	
					72	238					298	244	T MIYAHIRA
5	40	658	341	5	8	64	263	140	564	5	228	70	
					111	302					225	314	
6	74	677	375	5	37	74	194	810	495	5	163	62	
					183	376					207	376	
7	141	978	442	5	99	84	169	391	470	5	131	76	
					71	460					293	452	
8	43	738	344	5	15	56	293	575	594	5	266	54	
					30	516					306	506	
9	17	241	318	5	4	26	287	287	588	5	268	38	
					22	542					288	544	
10	45	91	305	5	4 ½	36	271	218	572	5	254	34	
		903			288	578					231	578	
11	37	~~212~~	338	5	254	34	212	718	513	5	193	38	
					81	612					252	616	
12	61	323	362	5	41	40	233	501	534	5	214	38	
						652						654	
							2625					652	
BM 44-15A	784	471					~~2562~~ 581					1306	B.M. 44-15A
							784	471					AZUSA AVE & DEPOT ST.
													SEE F.B. 3718-43
							1778	110					
							1841						

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4117 PG. 138 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-22-71

INDEXED ✓ DATE

NOTES CHKD BLANCHARD DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 2:30 PM ROD NO. 95896

T-96°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 44-15A TO BM 44-14A
B.M. 44-15A	755	69			264		434	6			84	48	BM 44-15A
1	241	650	542	5	218	46	60	562	361	5	36	~~120~~	Azusa Ave. & Depot St.
					228						74		See F.B. 3718-43
2	210	450	511	5	192	36	57	392	358	5	40	34	
					298	82					25	~~154~~ 82	
3	298	066	599	5	280 ½	36	6	470	307	5	6 ½	38	
					299	118					26	120	
4	299	638	600	5	282 ½	34	10	143	311	5	10 ½	32	K. Miyahira
					285	152					94	152	
5	285	545	586	5	260 ½	50	70	230	371	5	46	48	
					206	202					157	200	
6	175	975	476	5	144	62	127	347	428	5	97	60	
					194	264					129	260	
7	164	204	465	5	134	60	97	435	398	5	65	64	
					226	324					58	324	
8	197	385	498	5	168	58	30	550	331	5	2	56	
					269	382					93	380	
9	238	375	539	5	207	62	62	144	363	5	31	62	
					263	444					52	442	
10	233	190	534	5	203	60	21	693	322	5	21 ½	62	
					211	504					171	504	
11	193	732	494	5	175	36	153	470	454	5	135	36	
						540						540	
												540	
	2538	210					697	436				1080	
	697	436											
	+1840	774											BM 44-14A
													Colima Rd. & Azusa Ave.
													See F.B. 3718-41
BM 44-14A													

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 Hatto G.E. Dreier
NOTES BY Maldonado DATE 7-27-71
INDEXED [redacted] DATE AUG 16 '71
WEATHER Sunny & Breezy TIME 3:00 to 3:40 ROD NO. 95896
INST. NO. 96716
NOTES CHKD. BLANCHARD DATE
F.B. 4117 PG. 139

T-92

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM 44-14A TO BM 44-15A
BM 44-14A	444	43			152		674	33			285		BM 44-14A
1	125	337	426	5	98	54	258	254	559	5	231	54	Colima Rd & Azusa Ave.
					75						252		see F.B. 3718-41
2	50	362	351	5	25	50	228	213	529	5	204	48	
					118	104					277	102	
3	92	220	393	5	66	52	251	000	552	5	225	52	
					81	156					240	154	T-Miyashiro
4	50	527	351	5	19	62	209	500	510	5	178	62	
					150	218					194	216	Re-Run
5	125	606	426	5	100	50	169	668	470	5	144	50	
					169	268					212	266	
6	135	096	436	5	101	68	177	450	478	5	142	70	
					70	336					291	336	
7	44	185	345	5	18	52	291	200	592	5	268½	48	
					20	388					300	384	
8	4	652	305	5	4½	32	284	725	585	5	268	32	
					43	420					303	414	
9	28	071	329	5	13	30	284	360	585	5	265	38	
					46	450					253	452	
10	22	910	323	5	2	48	229	209	530	5	205	48	
					98	498					233	500	
11	83	512	384	5	68	30	219	694	520	5	205	28	
						528						528	
												528	
	662	478					2609	273				1056	
	7						7662	478					BM 44-15A
BM 44-15A							4940	795					Azusa Ave. & Depot St. S.E. Cor.
							-18						see F.B. 3718-43

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 7-22-71

INDEXED [illegible] DATE AUG 16 '71

WEATHER Hazy Sun INST. NO. 96716

TIME 9:30 to 10:15 ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE

T-78°

F.B. 4117 PG. 144

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 44-15A TO BM 44-~~106B~~ 16
BM 44-15A				54				282	BM 44-15A
1	39	754	340 5	24 30	267	538	568 5	252 30	Azusa Ave. & Depot St. S.E. Cor
				20				273	F.B. 3718-43
2	5	744	306 5	5 ½ 30	263	104	564 5	253 20	
				26 60				290 50	
3	10	559	311 5	10 ½ 32	290	390	591 5	270 ½ 40	
				98 92				145 90	T-Siemann
4	68	410	369 5	38 60	114	938	415 5	83 62	
				288 152				91 152	
5	266	160	567 5	244 44	68	761	369 5	45 46	
				241 196				213 198	
6	212	621	513 5	183 58	186	832	487 5	159 54	
				144 254				185 252	
7	114	921	415 5	84 60	152	169	453 5	119 66	
				129 314				221 318	
8	97	460	398 5	65 64	193	809	494 5	165 56	
				145 378				191 374	
9	114	248	415 5	83 62	162	388	463 5	133 58	
				162 440				147 432	
10	151	382	452 5	140 22	132	319	433 5	117 30	
				462				462	
								462	
	1081	259			1832	248		924	
					1081	259			BM 44-~~106B~~ 16
									Azusa Ave. & Arenth Ave. @
BM 44-~~106B~~ 16					-750	989			Fl. Cont. Channel
									F.B. ~~44~~ 3718-45

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 44-16 TO BM 44-15A
BM 44-16	665	63			164		555	53			190		BM 44-16 (F.C. 101-01300)
1	139	512	440	5	114	50	166	594	467	5	142	48	Anaheim-Puente Rd. & Aronth
					213						157		Ave. @ San Jose Wash
2	187	860	488	5	161	52	132	182	433	5	107	50	See F.B. 3718-45
					199	102					148	98	
3	174	139	475	5	149	50	124	101	425	5	100	48	
					238	152					122	146	
4	210	943	511	5	182	56	93	836	394	5	64	58	π-Siemann
				5	180	208					218	204	
5	155	491	456	5	130	50	191	860	492	5	164	54	
					107	258					269	258	
6	88	469	389	5	69	38	249	723	550	5	229	40	
					88	296					184	298	
7	63	142	364	5	38	50	159	330	460	5	134	50	
					266	346					29	348	
8	241	986	542	5	216	50	8	095	309	5	8 ½	42	
					298	396					21	390	
9	298	091	599	5	283 ½	30	7	710	308	5	7 ½	28	
					302	426					99	418	
10	289	445	590	5	276	26	81	339	382	5	63	36	
					236	452					120	454	
11	226	780	527	5	216	20	110	248	411	5	100	20	
						472						474	
												472	
	2075	858					1325	018				946	BM 44-15A
BM 44-15A	1325	018											Azusa Ave. & Depot St. S.E. Cor.
	+750	840											See F.B. 3718-43

T-94°

WEATHER Hazy Sun INST. NO. 9216

TIME 1:45 to 2:30 ROD NO. 95891

NOTES CHKD BLANCHARD DATE

F.B. 4117 PG. 142 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-22-71

INDEXED G. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 44-16 TO BM 11-106B
BM													BM 44-16 (F.C. 101-01300)
	222	1			148						246		Anahiem-Puente Rd. & Arenth Ave
1	123	231	424	5	123 ½	50	224	848	525	5	202	44	@ San Jose Channel.
					199						116		See F.B. 3718-45
2	169	999	470	5	139	60	87	921	388	5	58	58	
					206	110		9			110	102	
3	176	531	477	5	146	60	77	376	378	5	44	66	X-Siemann
					210	170					127	168	
4	185	302	486	5	160	50	101	551	402	5	75	52	
						220						220	
												220	
	655	063					491	716				440	
	491	716											
	163	347											BM 11-106B
BM 11-106B													Valley Blvd. & Azusa Ave.
													F.B. ~~3718-45~~ 3710-239

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-22-71

INDEXED [illegible] DATE AUG 16 '71

WEATHER Hazy Sun INST. NO. 96716

TIME 10:20 to 10:40 ROD NO. 95896

NOTES CHKD BLANCHARD DATE

T-86°

F.B. 4117 PG. 143

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 11-106B TO BM 44-16
BM 11-106B					111						158		BM 11-106B
1	85	812	386	5	59	52	132	915	433	5	106	52	Valley Blvd. & Azusa Ave.
					147						287		See F.B. 3710-239
2	121	415	422	5	95	52	261	751	562	5	235	52	
					291	104					148	104	
3	266	468	567	5	241	50	123	439	424	5	98	50	π-Siemann
					145	154					302	154	
4	120	725	421	5	95	50	278	572	579	5	~~245~~ 254	48	
					190	204					152	202	
5	167	657	468	5	144	46	128	651	429	5	104	48	
						250						250	
												250	
	762	077					925	328				500	
							762	077					BM 44-16 (F.C. 101-01300)
BM 44-16							163	251					Anaheim-Puente Rd. & Arenth Ave. @ San Jose Channel.
													See F.B. 3718-45

T-86

F.B. 4117 PG. 144 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-22-71

INDEXED G.J. GALLI DATE

WEATHER Hazy Sun INST. NO. 96716 95[illegible]

TIME 1:20 to 1:45 ROD NO. 95[illegible]

NOTES CHKD BLANCHARD 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
SURVEY BY G.E. DREIER
NOTES BY SIEMANN
INDEXED [redacted]
DATE 7-22-71
DATE [redacted] 16 71
TIME 10:45 TO 11:45
WEATHER OVERCAST
INST. NO. 96716
ROD NO. 95896
NOTES CHKD BLANCHARD
DATE
T = 84°
F.B. 4117 Pg. 45

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-106B TO B.M. 11-105A
B.M. 11-106B	5												B.M. 11-106B
1	152	487	453	5	175 129	46	148	231	449	5	172 124	48	VALLEY BLVD & AZUSA AVE.
													SEE F.B. 3710-239
2	154	519	455	5	187 121	66	122	929	423	5	154 90	64	
						112						112	
3	170	666	471	5	201 139	62	130	669	431	5	160 100	60	
						174						172	
4	175	627	476	5	205 145	60	125	008	426	5	154 96	58	T = MALDONADO
						234						230	
5	198	292	499	5	230 166	64	113	234	414	5	146 80	66	
						298						296	
6	188	553	489	5	217 159	58	103	566	404	5	132 74	58	
						356						354	
7	165	928	466	5	183 147	36	111	433	412	5	130 92	38	
					392							392	
												392	B.M. 11-105A (PUENTE J-11
B.M. 11-105A												784	VALLEY BLVD. & HAMBLEDON AVE.
	206	072					855	070					SEE F.B. 1376-94A
	855	070											
+	351	002											

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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 B.M. 11-105A TO B.M. 11-106B
B.M. 11-105A									B.M. 11-105A (PUENTE J-11)
1	103	631	404 5	131 75 56	185	161	486 5	213 157 56	VALLEY BLVD. & HAMBLEDON AVE
									SEE F.B. 1376-94A
2	107	819	408 5	134 80 54	185	829	486 5	214 156 58	
				110				114	
3	110	972	411 5	140 80 60	185	013	486 5	213 157 56	
				170				170	
4	126	437	427 5	156 96 60	172	071	473 5	204 140 64	
				230				234	π = MALDONADO
5	123	128	424 5	150 96 54	164	182	465 5	192 136 56	
				284				290	
6	125	716	426 5	152 98 54	150	918	451 5	177 123 54	
				338				344	
7	100	249	401 5	127 73 54	105	768	406 5	128 82 46	
				392				390	
B.M. 11-106B								392	B.M. 11-106B
	797	952			1148	942		782	VALLEY BLVD. & AZUSA AVE.
					797	952			SEE F.B. 3710-239
					-350	990			

T = 86°

WEATHER OVERCAST INST. NO. 96716

TIME 11:20 TO 12:00 ROD NO. 95896

NOTES CHKD BLANCHARD DATE

F.B. 4117 PG. 146 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-22-71

INDEXED G. J. GALLI DATE

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET
Map No.	J.N. 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes Date AUG 1971
Date	Indexed C. J. GALLI AUG 17 '71

F. B. 4117 PG. 155

JOB. NO. 0301.02

L.A.Co. PRECISE LEVEL NET

LINE NO. 53 JULY-AUG. 1971 RELEVELING

DESCRIPTION REFERENCES
F.B. 2422 - 109 TO 130
F.B. 3718 - 55 TO 106

DREIER
MALDONADO
SIEMANN
McKNIGHT
MIYAHIRA

Note: Any Additions or Changes on This Sheet Must be Made of Circled in Red Ink With Date and Name of Person Making Change.
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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76F309S CE#310 3-68

F. B. 4117 PG 156 1971 RELEVELING LINE 53

SEE F.B. 3718-5 FOR ROUTE SKETCH

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COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76P526B CE # 308 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET 83°

SURVEY BY G. E. DREIER DATE 7-29-71 WEATHER SMOGGY INST. NO. 96716

NOTES BY G. E. DREIER DATE 7-29-71 TIME 8:30 ROD NO. 95 & 96

INDEXED G. J. GADAJ DATE AUG 17 71 NOTES CHKD. DATE

F.B. 4417 PG. 157

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	155	402	456 5	157 153 4	112	471	413 5	139 85 54	54M- 4M= 50M=0.20mm
2	146	665	447 5	148 144 4	189	543	490 5	216 162 54	54M- 4M= 50M=0.20mm
	302	067		8	302	014		108	
	301	974				0.40 mm			
	+	0.93 mm			-0.	mm		-8	Curvature Corr.=0.40mm
					301	974		100	
					-				
	+	0.009	mm= "C"						
	1001	0.93							
						mm= "C"			

76P526B CE # 308 8-59

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 7-30-71 WEATHER Overcast Light Touds

INDEXED [illegible] DATE AUG 17 71 TIME 8:45 INST. NO. 96716

NOTES CHKD DATE ROD NO. 95896

F.B. 4117 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	143	308	444 5	145 141 4	131	767	432 5	158 104 54	54 M- 4 M= 50 M=0.20 mm
2	153	613	454 5	155 151 4	165	288	466 5	192 138 54	54 M- 4 M= 50 M=0.20 mm
	296	921		8	297	055		108	
	+					040 mm		8	Curvature Corr.=0.40 mm
					-0.	mm			
					297	015		100	
					296	921			
					-	0.94			

mm= "C"

-0.009 mm= "C"

100 / 0.940

900

40

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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

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

NOTES BY SIEMANN DATE 8-2-71 TIME 8:50 TO 8:00 ROD NO. 95896

INDEXED S. J. GALLI DATE AUG 17 71 NOTES CHKD DATE

F.B. 4117 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	158	938	459 5	160 156 4	170	247	471 5	197 143 54	54M- 4 M= 50 M=0.20 mm
2	148	587	449 5	150 146 4	137	390	438 5	164 110 54	54M- 4 M= 50 M=0.20 mm
	307	525			307	637		108	
						040		8	
	+			8	-0.	mm			Curvature Corr.=0.40 mm
					307	597		100	
					307	~~04~~ 525			
					-				
						072			
				mm= "C"					
						- 007	mm= "C"		
					100	072			

76P526B CE# 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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

SURVEY BY G E DREIER

NOTES BY M Y AHIRA DATE August 3, 1971 WEATHER HAZY LIGHT BREEZE TIME 1150 INST. NO. 96716 ROD NO. 95896

INDEXED B. J. GALLI DATE AUG 17 71 NOTES CHKD DATE

F.B. 4117 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	172	296	473 5	174 / 170 4	182	019	483 5	209 / 155 54	54 M- 4 M= 50 M=0.20 mm
2	191	350	492 5	193 / 189 4	181	702	482 5	208 / 154 54	54 M- 4 M= 50 M=0.20 mm
	363	646		8	363	721		108	
	~~363~~	~~681~~				0.40 mm			
	+	5			~~0.~~	~~mm~~		-8	Curvature Corr.=0.40 mm
					363	681		100	
					363	646			
					-	0.35			

mm= "C"

0.0035 mm = "C"

100 / 0.35

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=92°

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

NOTES BY SIEMANN DATE 8-4-71 TIME 8:20 TO 8:30 ROD NO. 95896

INDEXED [illegible] DATE [illegible] 17 71 NOTES CHKD DATE

F.B. 4117 PG. 165

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	157	369	458 5	159 155 4	234	777	535 5	261 207 54	54 M- 4 M= 50 M=0.20 mm
2	144	878	445 5	146 142 4	67	488	368 5	94 40 54	54 M- 4 M= 50 M=0.20 mm
	302	247			302	265		108	
		225				040		8	
	+	022		8	-0.	mm			Curvature Corr.=0.40 mm
					302	225		100	
					-				

+ 002 mm= "C"

100 / 022

mm= "C"

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T- 80"
SURVEY BY Waldonado G.E. Dreier DATE 8-5-71 WEATHER Hazy, Sun INST. NO. 96714
NOTES BY TIME 9:00 ROD NO. 85896
INDEXED DATE AUG 17 71 NOTES CHKD DATE
F.B. 4117 PG. 167

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	116	880	417	5 118 114	4	113	238	414 5 140 86	54 54M- 4 M= 50 M=0.20 mm
2	116	130	417	5 118 114	4	119	946	420 146 92	54 54M- 4 M= 50 M=0.20 mm
	233	010			8	233	184		108
	+						040 mm		8
						-0. mm			Curvature Corr.=0.40 mm
						233	144		100
						233	010		
						-	1,34		
				mm= "C"					
	1								
							-0.013	mm= "C"	
					100		1.340		
							100		
							340		
							300		
							40		

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-82° P.B. 4117 PG. 169

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

NOTES BY Maldonado DATE 8-6-71 TIME 8:45 ROD NO. 95896

INDEXED G. J. SAND DATE AUG 17 '71 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	124	430	425 5	126 122 4	120	707	421 5	147 93 54	54 M- 4 M= 50 M=0.20 mm
2	121	448	422 5	123 119 4	125	250	426 5	152 98 54	54 M- 4 M= 50 M=0.20 mm
	245	878		8	245	957		108	
	+					040 mm		8	Curvature Corr.=0.40 mm
					-0.	mm			
					245	917		100	
					245	878			
					-	039			
				mm= "C"					
					-	0.003	mm= "C"		
					100	0.390			
						300			
						90			

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-102 P.B. 4117 PG. 171

SURVEY BY G.E. Dreier WEATHER Hazy Sun INST. NO. 9671

NOTES BY Maldonado DATE 8-9-71 TIME 1:25 ROD NO. 95 & 96

INDEXED [illegible] DATE AUG 17 71 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	120	192	421 5	122 118 4	124	000	425 5	151 97 54	54 M- 4 M= 50 M=0.20 mm
2	116	060	417 5	118 114 4	112	410	413 5	139 85 54	54 M- 4 M= 50 M=0.20 mm
	236	252		8	236	410		108	
	+					040 mm			
					-0.	mm		8	Curvature Corr.=0.40 mm
					236	370		100	
					236	252			
					-	1.18			

mm= "C"

- 0.010 mm= "C"

100 / 1.180

100

80

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM ____ TO ____
	DETERMINATION OF "C"												
	NEAR ROD						FAR ROD						
1	148 ~~15~~	796	449	5	150 146	4	155	928	456	5	182 128	54	54 M- 4 M= 50 M=0.20 mm
2	170	449	471	5	172 168	4	163	319	464	5	190 136	54	54 M- 4 M= 50 M=0.20 mm
	319	245					~~2~~	~~609~~				108	
	319	207					319	247					
	+	.38					~~-0.~~	~~mm~~ 40 mm				-8	Curvature Corr.=0.40 mm
							319	207				100	
							-						
		0.0038			mm= "C"								
	100 / 0.38												
									mm= "C"				

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 82 HAZY P.B. 4117 PG. 173

SURVEY BY G E DREIER WEATHER LIGHT BREEZE INST. NO. 96716

NOTES BY MIYAHIRA DATE 10 AUGUST 1971 TIME 8:30 ROD NO. 95896

INDEXED B.J. GALLI DATE AUG 17 71 NOTES CHKD. DATE

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 7-85 F.B. 4117 PG. 75
SURVEY BY G.E. Dreier DATE 8-11-71 WEATHER Hazy Sun INST. NO. 96716
NOTES BY Maldonado TIME 8:45 ROD NO. 95896
INDEXED G.J. GALL DATE AUG 17 71 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	151	828	452	5 153 149 4	151	912	452	5 178 124 54	54 M- 4 M= 50 M=0.20 mm
2	133	677	434	5 135 131 4	133	677	434	5 160 106 54	54 M- 4 M= 50 M=0.20 mm
	285	505		8	285	589		108	
	+					040 mm		8	Curvature Corr.=0.40 mm
						-0. mm			
					285	549		100	
					285	505			
					-	0.44			
				mm= "C"					
	1								
						-0.004 mm = "C"			
					100	0.440			

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-53A TO B.M. 11-52
B.M. 11-53A					167						232		B.M. 11-53A (F.C. 095-21715)
1	129	218	430	5	91	76	194	461	495	5	156	76	BASELINE RD. & MARSHALL WASH
					95						259		SEE F.B. 3710-125
2	61	822	362	5	27	68	226	921	527	5	193	66	
						144						142	
												144	
	191	040					421	382				286	
B.M. 11-52							191	040					B.M. 11-
													BASELINE RD. & WHEELER RD
						-	230	342					SEE F.B. 1376-48

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 7-29-71

INDEXED G. J. GALLI DATE AUG 17 71

WEATHER SMOGGY 82°

TIME 9:00 to 9:10

NOTES CHKD. REH DATE AUG 20 71

INST. NO. 96716

ROD NO. 95 & 96

F.B. 4117 PG. 177

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 11-52 TO 11-53A
B.M. 11-52									B.M. 11-52
1	228	329	529 5	262 / 194 68	63	251	364 5	97 / 29 68	BASELINE RD. & WHEELER RD.
									SEE F.B. 1376-48
2	200	069	501	238 / 162 70	134	846	435 5	172 / 96 76	
				144				144	
~~3~~								144	⊼ J. MALDONADO
	428	398			198	097		288	
B.M. 11-53A	198	098							B.M. 11-53A (F.C.
	+230	300							BASELINE RD. & MARSHALL CN. WASH
									SEE F.B. 3710-125

F.B. 4117 PG. 178

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 7-29-71

INDEXED G. J. GALLI DATE

WEATHER SMOGGY INST. NO. 96716

TIME 8:45 TO 9:00 ROD NO. 95896

NOTES CHKD RSH DATE AUG 20 '71

82°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-52 TO B.M. 53-1
B.M. 11-52									B.M. 11-52
1	300	268	601 5	300 275 50	23	177	324 5	48 -2 50	BASELINE RD. & WHEELER ~~RD.~~ AVE
									SEE F.B. 1376-48
2	239	631	540 5	262 216 46	60	113	361 5	83 37 46	
3	278	747	579 5	308 248 96 60	57	722	358 5	88 26 96 62	⊼ J. MALDONADO
4	221	921	522 5	237 205 156 32	17	421	318 5	136 ½17 158 38	
5	285	051	586 5	298 272 188 26	36	610	337 5	46 26 196 20	
6	263	822	564 5	270 256 214 14	41	754	342 5	50 32 216 18	
7	294	196	595 5	304 284 228 20	34	766	335 5	42 26 234 16	
8	287	881	588 5	297 277 248 20	13	237	314 5	22 4 250 18	
9	241	286	542 5	250 232 268 18	42	499	343 5	51 33 268 18	
10	170	542	471 5	174 166 286 8	87	361	388 5	91 83 286 8	
				294				294	
B.M. 53-1								294	B.M. 53-1
	2583	345			414	660		588	WHEELER ~~RD~~ AVE & ALDERSGATE DR.
	414	660							SEE F.B. 2422-111
	+2168	685							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 82°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 7-29-71
INDEXED G. J. GALLI DATE AUG 17 '71
WEATHER SMOGGY INST. NO. 96716
TIME 9:10 TO 9:50 ROD NO. 95 & 96
NOTES CHKD. R.E.H. DATE AUG 20 '71
F.B. 4117 PG. 179

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. #53-1 TO B.M. 11-52
B.M. 53-1									B.M. 53-1
1	27	040	328 5	37 17 20	265	651	566 5	275 255 20	WHEELER AVE. & ALDERSGATE DR
									SEE F.B. 2422-111
2	19	648	320 5	29 9 20	270	119	571 5	280 260 20	
				40				40	
3	27	613	328 5	36 18 18	258	362	559 5	267 249 18	
				58				58	
4	6	761	307 5	16 6 20	294	129	595 5	304 284 20	
				78				78	
5	31	961	332 5	40 22 18	247	781	548 5	256 238 18	T = MALDONADO
				96				96	
6	12	211	313 5	26 -2 28	210	870	511 5	224 196 28	
				124				124	
7	53	312	354 5	79 27 52	253	169	554 5	277 229 48	
				176				172	
8	36	971	337 5	62 10 52	247	153	548 5	276 218 58	
				228				230	
9	35	671	336 5	56 14 42	235	470	536 5	255 215 40	
				270				270	
10	79	152	380 5	90 68 22	216	538	517 5	227 205 22	
				292				292	
B.M. 11-52								292	B.M. 11-52
	330	340			2499	242		584	WHEELER AVE. & BASELINE RD.
					330	340			SEE F.B. 1376-48
					-2168	902			

T = 96°

WEATHER HAZY SUN INST. NO. 96716

TIME 1:50 TO 2:25 ROD NO. 95496

NOTES CHKD KEH DATE AUG 20 '71

F.B. 4117 PG. 180 JOB NO. Q301.02

SURVEY OF L.A. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-30-71

INDEXED G. J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 7-29-71 WEATHER SMOGGY 88°
NOTES BY G.E. DREIER TIME 9:50 INST. NO 96716
INDEXED J. GALLI DATE AUG 17 71 NOTES CHKD DATE ROD NO 95896
F.B. 4417 PG. 181

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 53-1 TO B.M. 53-1B
B.M. 53-1													B.M. 53-1
1	285	890	586	5	298 272	26	39	261	340	5	52 26	26	WHEELER RD. & ALDERSGATE DR.
													SEE F.B. 2422-111
2	276	385	577	5	304 247	57	90	102	391	5	118 61	57	
3	186	839	487	5	203 169	83 34	128	563	429	5	145 111	83 34	T J. MALDONADO
						117						117	
												117	
B.M. 53-1B	749	1041					257	926				234	B.M. 53-1B
	257	926											WHEELER AVE & E. Ho. No 5069
													SEE F.B. 3718-59
	+ 491	188											
			RERUN		8:40 TO 8:50				SUNNY				T = 92° 8-4-71
B.M. 53-1													
1	296	288	597	5	296 282	28	37	888	338	5	51 23	28	
2	255	029	556	5	280 230	50	92	238	393	5	116 68	48	RERUN
						78						76	T = MALDONADO
3	189	801	490	5	209 169	40	119	768	420	5	140 98	42	
						118						118	
												118	
B.M. 53-1B	4												
	731	118					249	894				236	
	249	894											
	491	224											

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. 4117 PG. 182 JOB NO 2301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-30-71

INDEXED ■.■.■ALL! DATE

INST. NO 96716

ROD NO 95-596

DATE AUG 20 '71

WEATHER HAZY SUN T= 94

TIME 1:40 TO 1:50

NOTES CHKD RSH

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 53-1B TO B.M. 53-1
B.M. 53-1B													B.M. 53-1B
1	93	828	394	5	117 67	52	189	522	490	5	208 170	38	WHEELER AVE. IN FRONT
2	81	273	382	5	106 56	50	290	742	591	5	290 260	60	OF HOUSE # 5069
					76	102					263	98	SEE F.B. 3718-59
3	67	959	368	5	58	18	253	793	554	5	243	20	
						120						118	T= MALDONADO
4				5						5			
B.M. 53-1												120	B.M. 53-1
	243	060					734	057				238	WHEELER AVE. & ALDERS GATE DR.
							243	060					SEE F.B. 2422-111
						-	490	997					
		RERUN			8-4-71		HAZY SUN				T= 92°		8:50 TO 9:00
B.M. 53-1B													
1	95	949	396	5	127 63	64	215	256	516	5	247 183	64	
					64						280		RERUN
2	44	482	345	5	24	40	260	289	561	5	240	40	T= MALDONADO
						104						104	
3	82	166	383	5	89 75	14	238	243	539	5	245 231	14	
						118						118	
B.M. 53-1												118	
	222	597					713	788				236	
							222	597					
						-	491	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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 53-1B TO B.M. 53-2
B.M. 53-1B									B.M. 53-1B
1	294	075	595 5	1294 / 265 58	42	210	343 5	72 / 12 60	WHEELER AVE. IN FRONT OF HO. # 5069
									SEE F.B. 3718-59
2	286	240	587 5	1286 / 256 60	8	313	309 5	139 / 28 62	
				118				122	
3	293	701	594 5	293 / 266 54	6	460	307 5	33 / 26 54	⊼ R. SIEMANN
				172	67	139		176	
4	282	880	583 5	309 / 257 50	~~139~~	~~368~~	368 5	90 / 44 46	
				222				222	
5	276	900	577 5	301 / 252 49	65	140	366 5	91 / 39 52	
				271				274	
6	228	580	529 5	242 / 214 28	151	461	452 5	163 / 139 24	
				299				298	
B.M. 53-2								299	B.M. 53-2
	1662	376			340	743		597	WHEELER AVE. 0.9 MI. N. OF
	340	743							BASE LINE RD. AT CURVE TO R.
	+1321	633							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 89°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 7-29-71
INDEXED G.J. GALLI DATE AUG 17 '71
WEATHER SMOGGY
TIME 10:00 TO 10:25
NOTES CHKD. R.E.H. DATE AUG 20 '71
INST. NO. 96716
ROD NO. 958.96
F.B. 4117 PG. 183

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
	232	33					422	31					FROM BM53-2 TO BM53-1B
BM53-2					135						258		BM53-2
1	116	169	417	5	97	38	239	610	540	5	220	38	Wheeler Ave. & 0.9 mi. N. of
					69						286		Baseline Rd. @ Curve.
2	43	227	344	5	17	52	260	019	561	5	234	52	See F.B. 2422-112
					52	90					306	90	
3	26	948	327	5	0	52	280	394	581	5	254	52	
					33	142					301	142	
4	7	222	308	5	7 ½	52	277	810	578	5	253	48	
					67	194					299	190	T-Siemann
5	42	394	343	5	17	50	271	181	572	5	243	56	
					78	244					274	246	
6	55	724	356	5	32	46	250	150	551	5	226	48	
					151	290					184	294	
7	147	122	448	5	143	8	181	252	482	5	178	6	
						298						300	
												298	
	438	806					760	416				598	BM53-1
BM53-1B							438	806					Wheeler Ave. & in front of
							~~321~~	~~610~~					Ho. # 5069.
							-1321	610					see F.B. 3718-59

T-96°

F.B. 4117 PG. 184 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-30-71

INDEXED [illegible] DATE

WEATHER Sunny & Breezy INST. NO. 96716

TIME 1:10 to 1:35 ROD NO. 95896

NOTES CHKD. RSH DATE 10 20 71

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 53-2 TO B.M. 53-3
B.M. 53-2									B.M. 53-2
1	301	079	602 5	1/2 301 283 36	91	208	392 5	110 72 38	WHEELER AVE & 0.9 MI. N. OF BASELINE RD. AT CURVE
2	235	360	536 5	262 208 54	87	371	388 5	115 59 56	
3	244	121	545 5	269 219 90 50	24	051	325 5	50 -2 94 52	R. SIEMANN
4	298	001	599 5	1/2 298 275 140 46	82	353	383 5	103 61 146 42	
5	286	488	587 5	1/2 286 257 186 58	30	284	331 5	1/2 56 30 188 52	
6	162	330	463 5	164 160 244 4	183	084	484 5	186 180 240 6	
				248				246	
B.M. 53-3								248	B.M. 53-3
	1527	379			498	351		494	WHEELER AVE, S. OF LA MESA DR.
	498	351							SEE F.B. 2422-113
	+1029	028							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 95°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 7-29-71
INDEXED L.J. GALLY DATE AUG 17 '71
WEATHER SMOGGY
TIME 10:35 TO
NOTES CHKD RE
INST. NO 96716
ROD NO 95 & 96
DATE AUG 20 '71
F.B. 4117 PG. 185

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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
	34	11					233	41					FROM BM53-3 TO BM53-2
BM53-3					98						301		BM53-3 Ave.
1	75	731	376	5	52	46	278	279	579	5	255	46	Wheeler Rd. & S. of La Mesa Dr
					67						295		see F.B. 2422-113
2	43	920	344	5	19	48	272	354	573	5	249	46	
					54 1/2	94					249	92	
3	34	740	335	5	34 1/2	40	229	782	530	5	209	40	
					100	134					248	132	X-Siemann
4	75	931	376	5	50	50	223	640	524	5	198	50	
					107	184					251	182	
5	85	708	386	5	63	44	231	980	532	5	211	40	
					133	228					244	222	
6	129	221	430	5	125	8	238	290	539	5	232	12	
						236						234	
												236	
	445	251					1474	325				470	
							445	251					
							-1029	074					BM53-2 Ave.
BM53-2													Wheeler Rd. & 0.9 mi. N. of
													Baseline Rd. @ Curve
													see F.B. 2422-112

T-85°

WEATHER Overcast Light Clouds INST. NO. 9671

TIME 11:20 ROD NO. 9529

NOTES CHKD REH DATE AUG 20 '71

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

SURVEY BY Dreier NOTES Maldonado 7-30-71

INDEXED G.J. GALLI DATE

2111 FS. 186

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 7-29-70 WEATHER Smoggy 93°
INDEXED B.J. BARTI DATE AUG 17 71 NOTES CHKD. RCH TIME 11:10 DATE AUG 20 71
ROD NO. 25-576 INST. NO. 25-576
F.B. 4417 PG. 1-7

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From B.M.53-3 To B.M.53-4
B.M.53-3													B.M.53-3
1	216	830	517	5	237 195	42	47	400	348	5	68 26	42	WHEELER AVE., S. OF LA MESA DR.
													SEE F.B. 2422-113
2	249	341	550	5	278 220	58	91	410	392	5	119 63	56	
3	294	448	595	5	294 264	100 60	275	730	576	5	304 246	98 58	
													R. SIEMANN
4	239	051	540	5	260 218	160 42	17	113	318	5	137 17	156 40	
5	295	618	596	5	295 278	202 34	6	601	317	5	122 6	196 32	
6	296	421	597	5	296 280	236 32	21	041	322	5	38 7	228 34	
7	288	435	589	5	305 271	268 34	41	062	342	5	61 21	262 40	
8	290	292	591	5	290 272	302 36	27	540	328	5	45 9	302 36	
9	271	031	572	5	289 253	338 36	22	501	323	5	40 4	338 36	
10	263	570	564	5	281 245	374 36	30	075	321	5	47 13	374 34	
11	298	487	599	5	298 279	410 38	13	241	314	5	32 13	408 38	
12	222	489	523	5	232 212	448 20	168	699	409	5	119 97	446 22	
						468						468	
B.M.53-4	2											468	B.M.53-4
	3326	013					702	413				936	WHEELER AVE. & Golden Hills Rd.
	702	413											See F.B. 2422-114
	5												
	+2623	600											

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

Do not extend notes this side of this line.

WEATHER Sunny Light Clouds INST. NO. 96711
TIME 10:40 To 11:20 ROD NO. 95 E 9
NOTES CHKD RE DATE MR 20 71

T-90°

SURVEY OF L.A. Co. Precise Level Net JOB NO 0301.02
SURVEY BY Dreier NOTES Maldonado DATE 7-30-71
INDEXED G.L. BALL PG. 188 ... 4117

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM 53-4 TO BM 53-3
	4694						7384						
BM 53-4					112						286		BM 53-4
1	97	590	398	5	82	30	270	051	571	5	254	32	Golden Hills Rd. & Wheeler Ave
					38						306		See F.B. 2422-114
2	20	670	321	5	2	36	287	160	588	5	268	38	
					54	66					288	70	
3	37	895	338	5	20	34	271	879	572	5	254	34	
					53	100					299	104	
4	35	973	336	5	17	36	280	199	581	5	261	38	T-Siemann
					44	136					277	142	
5	24	480	425	5	4	40	261	290	562	5	245	32	
					51	176					302	174	
6	35	889	336	5	19	32	285	567	586	5	268	34	
					30	208					300	208	
7	14	408	315	5	14 ½	32	284	586	585	5	268	32	
					31	240					296	240	
8	15	151	316	5	1	32	281	395	582	5	266	30	
					33	272					262	270	
9	12	351	313	5	12 ½	42	241	782	542	5	220	42	
					115	314					293	312	
10	90	606	391	5	65	50	266	171	567	5	239	354	
					87	364					265	466	
11	63	587	364	5	39	48	242	428	543	5	219	46	
						412						412	
												412	
	448	600					2972	5081				824	
							448	600					BM 53-3
							2523	908					Wheeler Ave So. of La Mesa Dr.
													See F.B. 2422-113
BM 53-3													

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 T-96'

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 7-30-71 WEATHER Sunny & Breezy INST. NO. 96716

INDEXED G. J. GALLI DATE AUG 17 '71 TIME 2:35 to ROD NO. 95496

NOTES CHKD. R.E.H. DATE AUG 20 '71

F.B. 4117 PG. 189

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
	~~867~~	~~53~~					~~44~~	~~53~~					FROM BM53-3 TO BM53-4
BM 53-3					289						71		BM 53-3
1	262	719	563	5	235	54	44	140	345	5	18	54	Wheeler Ave. & So. of La Mesa Dr.
					257						115		See F.B. 2422-113
2	232	690	533	5	207	50	90	987	391	5	65	50	
					252	104					65	104	
3	235	733	536	5	218	34	49	771	350	5	33	32	
					307	138					31	136	π-Siemann
4	290	691	591	5	273	34	15	249	316	5	-1	32	
5				5	297½	172				5	28½	168	Re-Run
	297	422	598		281½	32	12	141	313		12½	32	
~~6~~				~~5~~	298½	204				~~5~~	43	200	
6	298	499	599	5	280½	36	24	461	325	5	5	38	
~~7~~				~~5~~		240				~~5~~		238 ~~276~~	
					308						40		
~~7~~	287	980	588	5	266	42	20	093	321	5	0	40	
					296	282					38½	276 8	
8	275	921	576	5	254	42	17	582	318	5	17½	42	
					294½	324					36½	20 ~~318~~	
10	294	810	595	5	274½	40	16	623	317	5	16½	40 60	
					295	364					50	~~358~~	
11	295	511	596	5	279½	32	31	408	332	5	12	38	
					205	396					131	396 8	
12	198	539	499	5	191	14	124	102	425	5	117	14	
						410						410 2	
												410	
	2970	516 51					446	557				820 2	
	446	557											
	+2523	958											
BM 53-4													BM 53-4
													Wheeler Ave. & Golden Hills Rd.
													See F.B. 2422-114

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 94°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 7-29-71 WEATHER SMOGGY INST. NO. 96716
INDEXED S.J. SAND DATE AUG 17 71 TIME 1:15 to 1:45 ROD NO. 95 & 96
NOTES CHKD R.E.H. DATE AUG 20 71
F.B. 4117 PG. 191

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 53-4 TO B.M. 53-5
B.M. 53-4									B.M. 53-4
1	161	626	462 5	174 148 26	193	088	494 5	207 179 28	WHEELER AVE & GOLDEN HILLS RD.
									SEE F.B. 2422-114
2	59	342	360 5	74 44 30	144	721	445 5	159 129 30	
3	298	288	599 5	1/2 298 277 56 42	5	717	306 5	1/2 24 5 58 38	⊼ MIYAHIRA
4	289	344	590 5	1/2 289 276 98 26	8	992	309 5	1/2 20 8 96 24	
5	300	353	601 5	1/2 300 285 124 30	22	794	323 5	39 5 120 34	
6	271	469	572 5	287 255 154 32	8	632	309 5	1/2 24 8 154 32	
				186				186	
B.M. 53-5								186	B.M. 53-5
	1380	422			383	944		372	GOLDEN HILLS RD. 0.2 MI. E. OF
	383	944							WHEELER AVE
									SEE F.B. 2422-115
	+996	478							

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	222	53			327	32			FROM BM53-5 TO BM53-4
BM53-5				25 1/2				300 1/2	BM53-5
1	6	783	307 5	6 1/2 38	300	880	601 5	279 1/2 42	Golden Hills Rd. & 0.2 mi. E. of
				18 1/2				301 1/2	Wheeler Rd.
2	4	585	305 5	4 1/2 28	301	148	602 5	287 1/2 28	See F.B. 2422-115
				39 66				273 70	
3	28	286	329 5	17 22	263	163	564 5	253 20	
				85 88				236 90	
4	74	040	375 5	63 22	225	875	526 5	214 22	T-Miyahira
				59 110				209 112	
5	43	266	344 5	27 32	193	131	494 5	177 32	
				210 142				105 144	
6	201	248	502 5	192 18	96	640	397 5	87 18	
				205 160				178 162	
7	191	295	492 5	177 28	165	125	466 5	152 26	
				188				188	
								188	
	549	503			545	962		376	
BM53-4					549	503			BM53-4
					996	459			Golden Hills Rd. & Wheeler Ave.
									See F.B. 2422-114

T-86

WEATHER Sunny & Clear INST. NO. 96716

TIME 10:05 to 10:40 ROD NO. 95896

NOTES CHKD REH DATE AUG 20 7

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-30-71

INDEXED G.J. GALLI DATE

PG. 192 ... 4111

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 7-29-71 WEATHER SMOGGY 98°
INDEXED J. GALLI DATE AUG 17 71 TIME 1:45 INST. NO. 96716
NOTES CHKD. CH DATE AUG 20 71 ROD NO. 25896
F.B. 4117 PG. 193

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
	653	39					244	33					FROM B.M. 53-5 TO B.M. 53-6
B.M. 53-5					281						47		B.M. 53-5
1	267	450	568	5	253	28	32	461	333	5	17	30	GOLDEN HILLS RD. & 0.2 MI. E. OF
					305						56		WHEELER AVE
2	285	283	586	5	265	40	35	268	336	5	14	42	SEE F.B. 2422-115
						68						72	
3	281	373	582	5	½ 281 / 251	60	6	714	307	5	½ 32 / 6	52	
						128						124	
4	233	423	534	5	248 / 218	30	163	000	464	5	180 / 146	34	T MIYAHIRA
						158						158	
5	254	416	555	5	282 / 226	56	213	130	514	5	241 / 185	56	
						214						214	
6	288	100	589	5	½ 288 / 262	52	14	240	365	5	½ 38 / 14	48	
						266						262	
7	287	834	588	5	302 / 272	30	8	337	309	5	½ 25 / 8	34	
						296						296	
8	255	206	556	5	273 / 237	36	83	566	384	5	101 / 65	36	
						332						332	
9	301	833	602	5	½ 301 / 280	42	214	610	515	5	234 / 194	40	
						374						372	
B.M. 53-6	287	058	588	5	306 / 268	38	20	864	321	5	½ 40 / 20	40	B.M. 53-6
						412						412	GOLDEN HILLS RD. & BRYDON RD.
												412	SEE F.B. 2422-116
	2741	976					792	190				824	
	792	190											
+	1949	786											

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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
	~~455~~	~~52~~					~~755~~	~~64~~					FROM BM53-6 TO BM53-5
BM 53-6					98						304		BM53-6
1	87	207	388	5	76	22	292	600	593	5	280	24	Golden Hills Rd & Brydon Rd.
					27						275		See F.B. 2422-116
2	5	397	306	5	5 ½	44	254	095	555	5	233	42	
					70	66					290	66	
3	55	800	356	5	40	30	275	620	576	5	260	30	
					25	96					249	96	T. Miyahira
4	10	560	311	5	10 ½	30	234	680	535	5	219	30	
					68	126					221	126	
5	51	093	352	5	34	34	205	314	506	5	189	32	
					102	160					210	158	
6	81	891	382	5	60	42	189	576	490	5	168	42	
					198	202					141	200	
7	183	020	484	5	168	30	127	734	428	5	113	28	
					69	232					290	228	
8	43	150	344	5	17	52	290	278	591	5	264½	52	
					45	284					295	280	
9	19	732	320	5	19 ½	52	295	295	596	5	268½	54	
					42	336					303	334	
10	25	632	326	5	8	34	286	197	587	5	269	34	
					123	370			~~185~~		185	368	
11	119	832	420	5	115	8	181	825	~~382~~ 482	5	177	8	
						378						376	
												378	
	683	314					2633	214				754	BM53-5
							683	314					Golden Hills Rd. & 0.2 mi. E. of
BM53-5							1949	900					Wheeler Ave.
													See F.B. 2422-115

T-83°

WEATHER Light Clouds & Clear INST. NO. 9671

TIME 9:05 to 10:05 ROD NO. 95-89

NOTES CHKD. REH DATE AUG 20

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-30-71

INDEXED R. J. GALLI DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 53-6 TO B.M. 53-7
BM53-6									B.M. 53-6
1	299	467	600 5	(½) 299 285 28	3	784	304 5	(½) 17 3 28	GOLDEN HILLS RD. & BRYDON RD.
					17				SEE F.B. 2422-116
2	292	042	593 5	306 279 27	~~18~~	922	318 5	30 4 26	
				55				54	π DREIER
3	198	793	499 5	219 176 43	148	850	447 5	168 124 44	
				98	7			98	
4	255	841	556 5	279 231 48	~~6~~	040	308 5	(½) 30 7 46	
				146				144	
5	301	775	602 5	(½) 301 289 24	4	487	305 5	(½) 18 4 28	
				170				172	
6	285	722	586 5	296 274 22	7	326	308 5	(½) 18 7 22	
				192				194	
~~BM 53~~ 7	270	622	571 5	277 263 14	29	885	330 5	36 22 14	BM 53-7
	534	32		206	48	32		208	STEPHENS RANCH Rd.
BM 53-7								206	0.26 mi NE'ly of BRYDON Rd.
	1904	262			216	294		414	See FB 2422-117
	217	294							
	~~1687~~	~~368~~							
	+1686	968							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G E DREIER
NOTES BY MIYAHIRA DATE 29 July '71
INDEXED G. J. GANN DATE AUG 17 '71
WEATHER CLEAR & BREEZE INST. NO. 96716
TIME 2:45 PM ROD NO. 95896
NOTES CHKD. REH DATE AUG 20 '71
F.B. 4117 PG. 195
T-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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 53-7									FROM BM 53-7 TO BM 53-6
				13					BM 53-7
1	4	478	305 5	4 (½) 18	301	982	602 5	(½) 301 292 18	STEPHENS RANCH Rd 0.26 mi
				48				277	NE'ly of Brydon Rd
2	39	029	340 5	30 18	267	134	568 5	257 20	See FB 2422-117
				47 36				282 38	
3	36	413	337 5	25 22	271	683	572 5	266 22	
				56 58				60	⊼ DREIER
4	42	735	343 5	28 28	252	145	553 5	266 238 28	
				92 86				220 88	
5	71	652	372 5	50 42	198	575	499 5	176 44	
				183 128				132	
6	162	592	463 5	141 42	292	819	593 5	(½) 296 276 32	
				18 170				164	
7	6	010	307 5	(½) 6 24	298	641	599 5	(½) 298 283 30	
				81 194				248 194	
8	73	847	374 5	65 16	240	873	541 5	232 16	
	333	33		210	534	43		210	
BM 53-6								210	BM 53-6
	436	736 5			2123	852		420	GOLDEN HILLS Rd & BRYDON Rd
					436	756			See FB 2422-116
					1687	096			
					(1687	096)			

F.B. 4117 PG. 196 JOB NO. 0301.02

SURVEY OF LA COUNTY PRECISE LEVEL NET

SURVEY BY GE DREIER NOTES MIYAHIRA 8-3-71

INDEXED [illegible] DATE

T=98

WEATHER Light Breeze Haze INST. NO. 96716

TIME 11:20 ROD NO. 95496

NOTES CHKD REH DATE AUG 20 71

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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 53-7 TO BM. 53-7A
B.M. 53-7									B.M. 53-7
1	264	894	565 5	274 254 20	10	349	311 5	20 0 20	STEPHENS RANCH RD. 0.26 MI.
									N.E. LY OF BRYDON RD.
2	268	689	569 5	275 261 14	5	632	306 5½	12 5 14	SEE F.B. 2422-117
				34				34	
									π = MALDONADO
B.M. 53-7A								34	B.M. 53-7A
	533	583			15	981		68	STEPHENS RANCH RD. & CREEK.
	15	981							SEE F.B. 3718-
+	517	602							

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 8-2-71

INDEXED G. J. BALL DATE AUG 17 '71

WEATHER HAZY SUN INST. NO. 96716

TIME 9:00 TO 9:06 ROD NO. 95896

NOTES CHKD. REH DATE AUG 20 71

T = 90°

F.B. 4117 PG. 197

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 53-7A TO B.M. 53-7
B.M. 53-7A													B.M. 53-7A
1	23	252	324	5	32 14	18	274	461	575	5	283 265	18	STEPHENS RANCH RD. & CREEK
													SEE F.B. 3718-73
2	19	262	320	5	26 12	14	262	139	563	5	269 255	14	
						32						32	T = MALDONADO
3	126	079	427	5	128 124	4	149	670	450	5	151 147	4	
						36						36	
B.M. 53-7												36	B.M. 53-7
	168	593					686	270				72	STEPHENS RANCH RD. 0.26 MI.
							168	593					N.E. LY. OF BRYDON RD.
							517	677					SEE F.B. 2422-117

T=96°

WEATHER SUNNY INST. NO. 96714

TIME 11:05 TO 11:15 ROD NO. 95897

NOTES CHKD. REN DATE AUG 20 '71

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

SURVEY BY DEELER NOTES SIEMANN 8-3-71

INDEXED [illegible] DATE

FG. 198

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 DATE 8-2-71

INDEXED J. GALD DATE AUG 17 '71

WEATHER HAZY SUN INST. NO 96716

TIME 9:06 TO 9:45 ROD NO. 95896

NOTES CHKD REH DATE AUG 20 71

T = 94°

F.B. 4117 PG. 199

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 53-7A TO B.M. 53-8A
B.M. 53-7A													B.M. 53-7A
1	239	761	540	5	248 230	18	10	112	311	5	19 1	18	STEPHENS RANCH RD. & CREEK
													SEE F.B. 3718-73
2	281	741	582	5	289 273	16	20	550	321	5	28 12	16	
						34						34	
3	300	823	601	5	300 292	16	8	741	309	5	15 1	14	
						50						48	
4	268	430	569	5	274 262	12	12	948	313	5	19 5	14	
						62						62	
X 5	292	956	593	5	300 284	16	18	082	319	5	26 10	16	
						78						78	π = MALDONADO
6	283	879	584	5	290 276	14	42	536	343	5	49 35	14	
						92						92	
7	291	623	592	5	298 284	14	23	918	324	5	31 15	16	
						106						108	
8	292	096	593	5	300 284	16	23	042	324	5	31 15	16	
						122						124	
9	273	527	574	5	280 266	14	24	593	325	5	32 16	16	
						136						140	
X 10	289	921	590	5	298 280	18	10 ~~35~~	830	311	5	18 2	16	
						154						156	
11	287	788	588	5	295 279	16	20	199	321	5	28 12	16	
						170						172	
12 ~~13~~	259	255	560	5	265 253	12	47	492	348	5	53 41	12	
						182						184 182	
B.M. 53-8A													B.M. 53-8A
	3261	800					263	043				366	STEPHENS RANCH RD. & ENTRANCE
	263	043											TO SER. AREA of GOLF COURSE
	+3098	757											SEE F.B. 3718-75

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 53-8A TO B.M. 53-7A
B.M. 53-8A									B.M. 53-8A
1	7	352	308 5	½ 17 7 20	296	518	597 5	306 286 20	STEPHENS RANCH RD. & MARSHALL
									CN. GOLF COURSE SER. ENT.
2	17	321	318 5	25 9 16	279	638	580 5	286 272 14	SEE F.B. 3718-75
3	13	581	314 5	22 4 36 18	281	737	582 5	289 273 34 16	
				54				50	
4	8	592	309 5	16 0 16	301	969	602 5	301 ½ 292 18	
				70				68	
5	23	183	324 5	30 16 14	282	932	583 5	290 274 16	
				84				84	
6	4	292	305 5	½ 13 4 18	295	850	596 5	304 286 18	
				102				102	
7	11	078	312 5	19 3 16	294	269	595 5	302 286 16	T = MALDONADO
				118				118	
8	4	198	305 5	½ 12 4 16	290	480	591 5	298 282 16	
				134				134	
9	7	797	308 5	15 -1 16	294	448	595 5	302 286 16	
				150				150	
10	4	859	305 5	½ 12 4 16	281	516	582 5	289 273 16	
				166				166	
11	33	550	334 5	40 26 14	266	713	567 5	273 259 14	
				180				180	
12	91	757	392 5	95 87 8	166	012	467 5	170 162 8	
				188				188	
B.M. 53-7A								188	B.M. 53-7A
	227	560			3332	082		376	STEPHENS RANCH RD. & CREEK
					227	560			SEE F.B. 3718-73
					3104	522			

T = 96°

WEATHER HAZY SUN INST. NO. 96716

TIME 10:25 TO 11:00 ROD NO. 95-49

NOTES CHKD. REH DATE AUG 2071

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 8-3-71

INDEXED C. J. BALLI DATE

PG. 200

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 SIEMANN DATE 8-4-71

INDEXED [illegible] DATE AUG 17 '71

WEATHER HAZY SUN INST. NO. 96716

TIME 9:30 TO 10:10 ROD NO. 95496

NOTES CHKD REH DATE AUG 20 '71

F.B. 4117 PG. 207

T = 94°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 53-7A TO B.M. 53-8A
B.M. 53-7A													B.M. 53-7A
1	291	933	592	5	302 / 280	22	7	698	308	5	16 / ½ 7	18	STEPHENS RANCH RD. & CREEK
													SEE F.B. 3718-73
2	286	659	587	5	294 / 278	16	3	188	304	5	12 / ½ 3	16	
						38						34	
3	296	702	597	5	304 / 288	16	16	292	317	5	24 / 8	16	
						54						50	
4	301	073	602	5	301 / 293	16	3	923	304	5	11 / ½ 3	16	
						70						66	
5	299	056	600	5	299 / 290	18	4	642	305	5	13 / ½ 4	18	
						88						84	
6	281	471	582	5	288 / 274	14	24	293	325	5	32 / 16	16	RE RUN
						102						100	T = MALDONADO
7	287	940	588	5	295 / 279	16	5	281	306	5	14 / ½ 5	18	
						118						118	
8	280	516	581	5	288 / 272	16	9	680	310	5	18 / 0	18	
						134						136	
9	298	282	599	5	298 / 289	18	8	743	309	5	17 / 1	16	
						152						152	
10	300	802	601	5	300 / 291	18	3	241	304	5	12 / ½ 3	16	
						170						168	
11	300	032	601	5	300 / 290	20	38	866	339	5	48 / 28	20	
						190						188	
B.M. 53-8A												190	B.M. 53-8A
	3024	466					125	847				378	STEPHENS RANCH RD. & SER. ENT.
	125	847											TO MARSHALL CN. GOLF COURSE
	+3098	619											SEE F.B. 3718-75

PLEASE RETURN TO

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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 B.M. 53-8A TO B.M. 53-7A
B.M. 53-8A													B.M. 53-8A
1	38	348	339	5	48 28	20	299	528	600	5	299 290	18	STEPHENS RANCH RD. & SERVICE
													ENTRANCE TO MARSHALL CN GOLF COURSE
2	19	467	320	5	27 11	16	288	839	589	5	296 280	16	SEE F.B. 3718-75
						36						34	
3	3	110	304	5	12 3	18	297	462	598	5	306 288	18	
						54						52	
4	19	292	320	5	27 11	16	290	565	591	5	299 281	18	
						70						70	
5	8	504	309	5	17 1	16	290	408	591	5	299 281	18	
						86						88	RERUN
6	12	419	313	5	20 4	16	298	832	599	5	306 290	16	T= MALDONADO
						102						104	
7	15	733	316	5	23 7	16	274	981	575	5	282 266	16	
						118						120	
8	10	829	311	5	17 3	14	289	074	590	5	296 282	14	
						132						134	
9	11	580	312	5	18 4	14	282	552	583	5	289 275	14	
						146						148	
10	9	990	310	5	16 3	13	275	436	576	5	283 268	15	
						159						163	
11	10	992	311	5	18 2	16	261	238	562	5	267 255	12	
						175						175	
12	74	501	375	5	78 70	8	184	638	485	5	188 180	8	
						183						183	
B.M. 53-7A												183	B.M. 53-7A
	234	765					3333	553				366	STEPHENS RANCH RD. & CREEK.
							234	765					SEE F.B. 3718-73
						-	3098	788					

T= 90°

WEATHER OVERCAST INST. NO. 96716

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

NOTES CHKD. [illegible] DATE AUG 20 '71

F.B. 4117 PG. 202 JOB NO. 6301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 8-4-71

INDEXED [illegible] 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
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 8-2-71
INDEXED G. J. GAND DATE AUG 17 71
NOTES CHKD RE# DATE AUG 20 71
WEATHER HAZY SUN INST. NO. 96716
TIME 9:45 TO 10:20 ROD NO. 95896
T = 96°
F.B. 4117 PG. 203

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 53-8A TO B.M. 53-9
B.M. 53-8A	57				7				B.M. 53-8A
1	232	925	533 5	241 223 18	7	391	308 5	15 ½ 7 16	STEPHENS RANCH RD. & MARSHALL CN.
									GOLF COURSE. SERV. ENT.
2	300	275	601 5	300 292 16	4	984	305 5	12 ½ 4 16	SEE F.B. 3718-75
				34				32	
3	284	683	585 5	292 276 16	7	996	308 5	14 -2 16	
				50				48	
4	286	989	587 5	294 278 16	14	100	315 5	22 6 16	
				66				64	
5	290	709	591 5	298 282 16	9	847	310 5	17 1 16	
				82				80	
6	283	609	584 5	290 276 14	9	736	310 5	16 2 14	π = MALDONADO
				96				94	
7	285	859	586 5	292 278 14	21	322	322 5	29 13 16	
				110				110	
8	280	738	581 5	288 272 16	29	821	330 5	37 21 16	
				126				126	
9	275	476	576 5	283 267 16	27	991	328 5	35 19 16	
				142				142	
10	299	422	600 5	299 290 18	28	253	329 5	37 19 18	
				160				160	
11	259	943	560 5	267 251 16	37	191	338 5	46 28 18	
				176				178	
12	258	312	557 5	266 250 16	124	950	425 5	131 117 14	
				192				192	
B.M. 53-9								192	B.M. 53-9
	3338940				3235841			384	STEPHENS RANCH RD. 0.75 MI. N.E.
	3235842								OF BRYDON RD. SEC. COR.
	+3015358								SEE F.B. 2422-119

PLEASE RETURN TO

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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 B.M. 53-9 TO B.M. 53-8A
B.M. 53-9	5				6				B.M. 53-9
1	125	003	426 5	131 119 12	191	507	492 5	197 185 12	STEPHENS RANCH RD. 0.75 MI.
									N.E. OF BRYDON RD.
2	8	922	309 5	1/2 18 8 20	288	040	589 5	298 278 20	SEE F.B. ~~3718~~ 3422 - 119
				32				32	
3	5	373	306 5	1/2 16 5 22	297	658	598 5	306 288 18	
				54				50	
4	14	114	315 5	22 6 16	289	150	590 5	298 280 18	
				70				68	
6	21	702	322 5	29 13 16	280	429	581 5	288 272 16	
				86				84	
7	18	210	319 5	25 11 14	293	503	594 5	301 285 16	
				100				100	T = MALDONADO
8	10	774	311 5	18 2 16	287	250	588 5	295 279 16	
				116				116	
9	28	793	329 5	34 22 12	275	173	576 5	282 268 14	
				128				130	
10	11	713	312 5	19 3 16	299	147	600 5	1/2 299 290 18	
				144				148	
11	30	171	331 5	36 24 12	262	020	563 5	268 256 12	
				156				160	
12	8	429	309 5	16 0 16	284	817	585 5	291 277 14	
				172				174	
13	5	411	306 5	1/2 17 5 16	255	321	556 5	263 247 16	
				188				190	
B.M. 53-8A								188	B.M. 53-8A
	288	615			3304	015		378	STEPHENS RANCH RD. & MARSHALL
					288	615			CN GOLF COURSE SER. ENT.
					-3015	400			SEE F.B. 3718-75

T = 96°

WEATHER HAZY SUN INST. NO. 96716

TIME 9:50 TO 10:20 ROD NO. 95896

NOTES CHKD. KEN DATE AUG 20 71

JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 8-3-71

INDEXED [illegible] DATE

F.B. 4117 PG. 204

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 Maldonado DATE 8-2-71
INDEXED L.D. GALAN DATE AUG 17 71
NOTES CHKD RE DATE AUG 20 71
WEATHER Hazy Sun INST. NO. 96716
TIME 10:20 to 11:25 ROD NO. 85-94
T-97°
F.B. 4117 PG. 205

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM BM 53-9 TO BM 53-10A
BM 53-9	4 ~~5~~ 53			295	5 ~~0~~ 5			54	BM 53-9
1	291 041	592	5	287 8	49 625	350	5	44 10	Stephens Ranch Rd. ±0.75 mi. N.E.
				296				46	of Brydon Rd. & P.P. #127680 E.
2	289 202	590	5	282 14	40 670	341	5	34 12	See F.B. 2422-119
				300 22				19 22	
3	294 890	595	5	288 12	12 155	313	5	5 14	
4	301 870	602	5	301 134 / 295½ 272	13 025	314	5	20 36 / 6 14	T-Siemann
				305 46				28 50	
5	298 233	599	5	291 14	22 293	323	5	16 12	
				301 60				62	
6	301 932	602	5	294½ 14	14 152	315	5	20 / 8 12	
7	301 191	602	5	301 74 / 295½ 12	6 920	307	5	12 94 / 0 12	
				303 86				23 86	
8	297 470	598	5	291 12	18 679	319	5	13 10	
				296 98				22 96	
9	290 415	591	5	284 12	16 778	317	5	10 12	
10	300 209	601	5	300½ 110 / 297½ 14	30 859	331	5	37 108 / 23 14	
				293 124				118 122	
11	294 487	595	5	294½ 26 / 281½	10 368	405	5	90 28	
				143 150				198 150	
12	128 318	429	5	113 30	183 450	484	5	168 30	
				180				180	
								180	
	3 ~~3~~ 4 9258				5 1 ~~3~~ 9741			360	
	512974								
	+2876284								
BM 53-10A									BM 53-10A
									Stephens Ranch Rd. ±1.0 mi. N.E.
									of Brydon Rd. on MH Conc Box
									See F.B.

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 BM53-10A TO 53-9
BM53-10A				225				248	BM53-10A
1	200	221	501 5	175 50	221	078	522 5	194 54	Stephens Ranch Rd. & 1.0 mi. NE'ly
				24				303	of Brydon Rd. on M.H. Conc. Box
2	15	459	316 5	6 18	295	485	596 5	287 16	See F.B.
				19 68				305 70	
3	12	876	313 5	5 14	299	435	600 5	293 12	
				82 54				82	
4	6	881	307 5	12 0 12	295	723	596 5	301 289 12	π - Siemann
	7			13 94				285 94	
5	~~295~~	~~283~~	~~308 5~~	~~1 12~~	~~280~~	~~849~~	~~581 5~~	~~275 10~~	
				29 106				305 104	
6	24	555	325 5	19 10	299	191	600 5	293 12	
				26 116				297 116	
7	20	530	321 5	14 12	291	540	592 5	285 12	
				25 128				304 128	
8	~~19~~	~~642~~	~~320 5~~	~~13 12~~	~~298~~	~~424~~	~~599 5~~	~~292 12~~	
				34 140				299 140	
9	28	789	329 5	22 12	293	449	594 5	287 12	
				152				305 152	
10	16	238	317 5	23 9 14	298	721	599 5	291 14	
				25 166				285 166	
~~11~~	~~18~~	~~851~~	~~319 5~~	~~11 14~~	~~278~~	~~242~~	~~579 5~~	~~271 14~~	
				134 180				229 180	
12	132	532	433 5	130 4	227	881	528 5	125 4	
				184				184	
								184	
	503	857			3380	018		368	
					503	857			BM53-9 (Sec. Cor.)
									Stephens Ranch Rd. & 0.75 mi. NE'ly
BM53-9					2876	161			Brydon Rd. & P.P. 1277680E
									See F.B. 2422-119

T-100°

WEATHER Sunny & Light Breeze INST. NO. 96716

TIME 2:20 to 3:05 ROD NO. 95 & 96

NOTES CHKD REH DATE AUG 20 71

JOB NO. 0301.02

SURVEY OF LA Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 8-2-71

INDEXED G.J. GADD DATE

F.B. 4117 PG. 206

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
	2 1 2	1 1			1 2 3	3 1			FROM BM 53-10A TO 53-11
BM53-10A				288				50 1/2	BM 53-10A
1	288	229	589 5	264 1/2 48	28	390	329 5	28 1/2 44	Stephens Ranch Rd., & 1.0 mi. N.E'ly
				286				175	of Brydon Rd. on M.H. Conc. Box
2	270	431	571 5	254 32	158	891	459 5	141 34	See F.B.
				260 80				40 78	
3	255	951	556 5	250 10	35	799	336 5	30 10	
				241 90				151 88	T-Siemann
4	240	901	541 5	239 2	250	959	451 5	149 2	
				92				90	
								92	
	1055	512			374	039		182	
	374	039							
	4681	473							
BM 53-11									BM 53-11
									Stephens Ranch Rd. Near L.A. Co.
									Probation Dept. Camp Ent., 1.1 mi.
									W'ly. from Brydon Rd.
									See F.B 2422-121

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 8-2-71
INDEXED [illegible] DATE AUG 17 '71
WEATHER Hazy Sun INST. NO. 9671
TIME 11:05 to 11:25 ROD NO. 95 & 96
NOTES CHKD RCH DATE AUG 20 '71
T-102
F.B. 4117 PG. 207

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 Sunny & Light Breeze INST. NO. 96716
TIME 2:00 to 2:20 ROD NO. 73-396
NOTES CHKD RSH DATE 2 0 1

T-101°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM53-11 TO BM53-10A
BM53-11					63						296		BM53-11
1	61	469	362	5	59	4	294	980	595	5	293	3	Stephens Ranch Rd. Near L.A.
					91						162		Co. Probation Dept. Camp Ent.
2	78	200	379	5	65	26	148	829	449	5	134	28	1.1 mi. NE'ly from Brydon Rd.
	87	190	388	5	108	30					301	31	see F.B. 2422-121
3	~~490~~	~~388~~	~~491~~	~~5~~	66	42	280	520	581	5	259	42	
					53	72					236	73	
4	39	922	340	5	25	28	223	805	524	5	209	27	T-Siemann
						100 ✓						100 ✓	
												100	
	266	781 ✓					948	134 ✓				200 ✓	
							266	781					
							− 681	353 ✓					
BM53-10A													BM53-10A
													Stephens Ranch Rd. & 1.0 mi. NE'ly
													of Brydon Rd. on M.H. Conc. Box
													see

SURVEY OF L.A. Co. Precise Level Net JOB NO. 0301.08
SURVEY BY Dreier NOTES Maldonado 8-2-71
INDEXED ■ ■ ■ 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. Dreier
NOTES BY Maldonado DATE 8-2-71
INDEXED G. J. [illegible] DATE AUG 17 71
WEATHER Hazy Sun INST. NO. 96716
TIME 10:25 to 1:15 ROD NO. 95896
NOTES CHKD REH DATE AUG 20 71
F.B. 4117 Pg. 209
T-101°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	~~556~~	~~65~~			~~665~~	~~64~~			FROM BM 53-11 TO BM 53-12
				23				284	BM 53-11
1	21	480	322 5	19 4	282	042	583 5	280 4	NE'ly. continuation of Stephens Ranch Rd, Near L.A.
				18				264 1/2	Co. Probation Dept. Camp Ent., 1.1 mi.
2	5	609	306 5	5 1/2 26	264	480	565 5	252 2 24	NE'ly, from Brydon Rd.
				21 30				299 1/2 28	See F.B. 2422-121
3	14	153	315 5	7 14	299	821	600 5	290 1/2 18	
				37 44				252 46	
4	27	492	328 5	17 20	242	956	543 5	232 20	
				57 64				226 66	
~~5~~	~~47~~	~~201~~	~~348 5~~	~~37 20~~	~~216~~	~~218~~	~~517 5~~	~~206 20~~	T. Siemann
				54 84				206 86	
6	44	999	345 5	34 20	196	320	497 5	186 20	
				189 104				59 106	
7	174	848	475 5	159 30	46	685	347 5	33 26	
				300 134				124 132	
8	281	190	582 5	262 38	105	360	406 5	86 38	
				142 172				128 170	
~~9~~	~~132~~	~~908~~	~~433 5~~	~~122 20~~	~~118~~	~~920~~	~~419 5~~	~~108 20~~	
				51 192				55 190	
10	38	144	339 5	25 26	41	189	342 5	27 28	
				292 218				179 218	
~~11~~	~~279~~	~~459~~	~~580 5~~	~~266 26~~	~~165~~	~~189~~	~~466 5~~	~~151 28~~	
				196 244				51 246	
12	191	770	492 5	186 10	46	580	347 5	41 10	
				254				256	
								254	
	12~~4~~9 5	253			2025	760		510	
					1259	253			BM 53-12
BM 53-12					7~~7~~6 6	507			NE'ly. Continuation of Stephens Ranch Rd., & 1.4 mi. from Brydon Rd. & Stephens Past. Rd.
									See F.B. 2422-122

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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
	~~755~~	~~55~~			~~466~~	~~34~~			FROM BM53-12 TO 53-11
BM53-12				54				196	BM53-12
1	49	214	350 5	44 10	190	720	491 5	184 12	NE'ly Continuation of Stephens
				102		3		275	Ranch Rd & 1.4 mi. from Brydon
2	81	478	382 5	60 42	25~~4~~	971	554 5	231 44	Rd. @ Stephens Past. Rd.
				192 52				182 56	See 2422-122
3	168	349	469 5	144 48	158	649	459 5	134 48	
				71 100				297 104	
4	~~56~~	~~475~~	~~357 5~~	~~42 29~~	~~297~~	~~211~~	~~598 5~~	~~284½ 26~~	
				138 129				69 130	
5	122	870	423 5	106 32	53	943	354 5	37 32	
				306 161				22½ 162	T-Siemann
6	292	701	593 5	278 28	7	509	308 5	7 2 26	
				296 189				18 188	
7	284	368	585 5	272 24	9	422	310 5	0 18	
				300 213				14 206	
8	~~294~~	~~696~~	~~595 5~~	~~288 12~~	~~8~~	~~600~~	~~309 5~~	~~2 12~~	
				198 225				36 218	
9	189	688	490 5	180 18	26	939	327 5	16 20	
				298 243				66 238	
10	297	508	598 5	296 2	63	968	364 5	60 6	
11				245				244	
								245	
	1837	347			1070	932		489	
	1070	932							
	+ 766	415							
									BM53-11
BM 53-11									NE'ly Continuation of Stephens Ranch Rd, Near L.A.Co. Probation Dept. Camp Ent., 1.1 mi. NE'ly from Brydon Rd.
									See F.B. 2422-121

T-101°

WEATHER Sunny & Light Breez. INST. NO. 96716

TIME 1:20 to 2:00 ROD NO. 95 & 96

NOTES CHKD REH DATE AUG 20 '71

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 8-2-71

INDEXED G.J. GALLI DATE

F.B. 4117 PG. 210

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. Dreier
NOTES BY Maldonado DATE 8-4-71
INDEXED G. J. SAUL DATE AUG 17 71
WEATHER Hazy Sun INST. NO. 96716
TIME 11:05 to 12:00 ROD NO. 95 & 96
NOTES CHKD. RCH DATE AUG 20 '71
T-98'
F.B. 4117 PG. 211

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM53-12 TO BM53-13A
BM53-12		5			66						262		BM53-12
1	61	850	362	5	56	10	256	945	557	5	250	12	NE'ly Continuation of Stephens
					21						301		Ranch Rd., 1.4 mi. from Brydon Rd.
2	15	922	316	5	9	12	296	500	597	5	291	10	@ Stephens Past. Rd.
					27	22					303	22	See F.B. 2422-122
3	23	750	324	5	19	X8	299	483	600	5	295	8	
					36	30					250	30	π-Miyahira
4	33	358	334	5	30	6	247	540	548	5	244	6	
					9	36					286	36	
5	4	060	305	5	-1	10	281	475	582	5	276	10	
					29	46					272	46	
6	24	697	325	5	19	10	267	652	568	5	262	10	
					17	56					290	56	
7	11	893	312	5	5	12	284	464	585	5	278	12	
					23	68					297	68	
8	18	662	319	5	13	10	291	646	592	5	285	12	
					21	78					296	80	
9	16	558	317	5	11	10	291	586	592	5	286	10	
					21	88					262	90	
10	13	995	314	5	5	16	254	183	555	5	246	16	
					26½	104					306	106	
11	11	864	312	5	11 2	30	291	211	592	5	276	30	
					33	134					305	136	
12	22	566	323	5	11	22	293	135	594	5	281	24	
					19	156					303	160	
13	14	052	315	5	9	10	296	893	597	5	289	14	
					37	166					230	174	
14	24	513	325	5	11	26	220	588	521	5	210	20	
						192						194	BM53-13A
	297	730					388	301				192	Stephens Past. Rd., S. of ¼ Cor.
		4					297	730				386	Bet. Sec's 20 & 29, T1N, R8W.
BM 53-13A							-35	85	571				See F.B.
							7	6					

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	~~857~~	~~74~~			~~57~~	~~41~~			FROM BM53-13A TO BM53-12
BM 53-13A									BM 53-13A
1	300	585	601 5	300 / 293 ½ 14	14	026	315 5	23 / 5 18	Stephens Past Rd, S. of ¼ Cor.
2	293	395	594 5	306 / 280 26	8	643	309 5	20 ½ / 8 ½ 24	bet Secs. 20 & 29, T1N, R8W.
3	301	885	602 5	301 ½ 40 / 286 ½ 30	11	275	312 5	25 ½ 42 / 11 ½ 28	See F.B. 3718-85
4	301	807	602 5	301 ½ 70 / 289 ½ 24	9	852	310 5	20 ½ 70 / 9 ½ 22	
5	301	667	602 5	301 ½ 94 / 294 ½ 14	10	110	311 5	15 92 / 5 10	π-Miyahira
6	297	480	598 5	302 108 / 292 10	3	820	304 5	9 102 / 3 ½ 12	
7	296	852	597 5	302 118 / 290 12	10	163	311 5	17 114 / 3 14	
8	293	835	594 5	299 130 / 287 12	15	220	316 5	21 128 / 9 12	
9	298	470	599 5	303 142 / 293 10	3	800	304 5	9 ½ 140 / 3 ½ 12	
10	294	260	595 5	300 152 / 288 12	12	660	313 5	17 152 / 7 10	
11	295	645	596 5	299 164 / 291 8	5	770	306 5	10 162 / 0 10	
12	280	130	581 5	287 172 / 273 14	33	800	334 5	40 172 / 26 14	
13	195	755	496 5	200 186 / 190 10	36	950	337 5	42 186 / 30 12	
				196				198	
								196	
	3751	766			176	089		394	BM 53-12
	176	089							NE'ly Continuation of Stephens
	+3575	677							Ranch Rd, 1.4 mi from
BM 53-12									Brydon Rd. @ Stephens Past. Rd
									See F.B. 2422-122

F.B. 4117 PG. 212 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 8-11-71

INDEXED J. L. GALLI DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 9:15 to 10:25 ROD NO. 85-49

NOTES CHKD REH DATE AUG 20 '71

T-88°

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Waldemar
INDEXED E.D. Sand
DATE 8-4-71
DATE AUG 17 71
WEATHER Hazy Sun
TIME 1:00 To 2:25
NOTES CHKD EE
DATE
INST. NO. 96716
ROD NO. 95296
AUG 20 71
F.B. 4117 PG. 213
T-98°

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
	4766	66					9964	64					FROM BM53-13A TO BM53-15
BM53-13A					138 1/2						298 1/2		BM53-13A
1	117	017	418	5	117 1/2	42	298	832	599	5	280 1/2	36	Stephens Past. Rd. S. of 1/4 Cor.
					19						299 1/2		bet. Secs. 20 & 29, T1N, R8W.
2	6	805	307	5	6 1/2	26	299	740	600	5	283 1/2	32	See F.B. 3718-85
					24	68					270	68	
3	11	544	312	5	11 1/2	26	256	858	557	5	242	28	
					51	94					124	96	
4	40	857	341	5	29	22	111	766	412	5	98	26	
					286	116					80	122	T. Miyahira
5	277	193	578	5	268	18	71	051	372	5	62	18	
					62	134					300	140	
6	42	514	343	5	22	40	300	590	601	5	285 1/2	30	
					15 1/2	174					298	170	
7	4	563	305	5	4 1/2	22	298	275	599	5	287 1/2	22	
					40	196					306	192	
8	32	267	333	5	24	12	297	831	598	5	288	18	
					113	212					144	210	
9	95	123	396	5	77	36	127	093	428	5	110	34	
					54	248					298	244	
10	43	700	344	5	32	22	298	300	599	5	287 1/2	22	
					11	270					296	266	
11	6	378	307	5	1	12	288	100	589	5	280	16	
					49	282					253	282	
12	29	683	330	5	9	40	232	400	533	5	211	42	
					20	322					299 1/2	324	
13	6	244	307	5	6 1/2	28	299	158	600	5	286 1/2	26	
					17 1/2	350					301 1/2	350	
14	8	900	309	5	8 1/2	18	301	035	602	5	292 1/2	18	
					90 1/2	368					114	368	
15	67	178	368	5	67 1/2	46	89	953	390	5	64	50	
	789	966					3570	982					
					584			9				418	
					41								

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STATION	BACKSIGHT Cont.						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM53-13A TO BM53-~~13A~~ 15
	789	9 ~~6~~66				414	3590	982				418	
					280						26		
16	273	735	574	5	266	14	20	444	321	5	14	12	
					301	428					90	430	
17	293	660	594	5	285	16	84	760	385	5	78	12	
						444						442 ✓	
							7					444	
	1357	361					3676	186				886 ✓	
							1357	361					
							-2318	825					BM 53-15
BM 53-15													STEPHENS ~~Lower~~ Past, Rd. S. OF ROUND RESERVOIR, S. OF LOWER PASTURE RD
													See F.B. 2422-125

1-98°

WEATHER Hazy Sun INST. NO. 96712

TIME 1:00 to 2:25 ROD NO. 95856

NOTES CHKD. REH DATE AUG 20 '71

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 8-4-71

INDEXED [illegible] DATE

FG. 214

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

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
	~~167~~	~~83~~					~~447~~	~~44~~					FROM BM 53-15 TO BM 53-13A
BM 53-15					381						300		BM 53-15
1	28	322	329	5	28½	20	300	812	601	5	293½	14	Stephens Pasture Rd on Ctr. Sec.
					17						287		Line S. of Lower Pasture Rd.
2	11	260	312	5	5	12	278	302	579	5	269	18	see F.B 2422-125
					253	32					48	32	
3	~~229~~	~~565~~	~~530~~	~~5~~	~~205~~	~~48~~	~~24~~	~~155~~	~~325~~	~~5~~	~~0~~	~~48~~	
					299	80					39	80	
4	290	660	591	5	281	18	30	165	331	5	21	18	
					296½	98	62				74	98	
5	296	998	597	5	283½	26	~~26~~	720	363	5	50	24	X-Miyahira
					300	124					68	122	
6	~~300~~	~~165~~	~~601~~	~~5~~	~~280½~~	~~40~~	~~47~~	~~527~~	~~348~~	~~5~~	~~26~~	~~42~~	
					306	164					28	164	
7	285	887	586	5	264	42	10	633	311	5	10½	36	
					293	206					21	200	
8	293	540	594	5	278½	30	4	730	305	5	4½	34	
					301½	236					17	234	
9	301	990	602	5	292½	18	8	513	309	5	-1	18	
					297	254					24	252	
10	288	683	589	5	279	18	14	782	315	5	4	20	
					274	272					84	272	
11	260	055	561	5	246	28	70	885	371	5	56	28	
					87	300					289	300	
12	79	600	380	5	71	16	281	507	582	5	273	16	
					172	316					19½	316	
13	253	890	454	5	134	38	3	645	304	5	3½	32	
						354						348	
							1138	376					
	2820	615											

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 8-10-71

INDEXED G.J. GALLI DATE AUG 17 '71

WEATHER Hazy Sun INST. NO. 96716

TIME 1:30 to ROD NO. 95 & 96

NOTES CHKD RE H DATE AUG 20 '71

T-98°

F.B. 4117 PG. 215

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Cont.						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM53-15 TO BM53-13A
	2820	615				354	1138	376				348	
14	285	342	586	5	298 272	26	X 14	392	315	5	30 1/2 14	32	
15	298	535	599	5	298 284 1/2	380 28	11	730	312	5	24 -2	380 26	
16	267	185	568	5	279 255	408 24	188	342	489	5	202 174	406 28	
						432						434	
												432	
	3671	677					1352	840				866	
	1352	840											
	+2318	837											
BM 53-13A													BM53-13A Stephens Pasture Rd. S. of 1/4 Cor. between Secs. 20 & 29, T1N, R8W. S.F. 3718-85

WEATHER Hazy Sun INST. NO. 96716
TIME 2:50 ROD NO. 95891
NOTES CHKD KEN DATE AUG 20 '71

T-48

SURVEY OF L.A. Co. Precise Level Net JOB NO. 0301.02
SURVEY BY Dreier NOTES Maldonado 8-10-71
INDEXED G.J. GACLI DATE

411 216

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 MIYAHIRA DATE 4 August 1971 TIME 2:30 WEATHER Light Breeze T=102 Haze

INDEXED [illegible] DATE AUG 17 '71 NOTES CHKD RE H DATE AUG 20 '71 ROD NO. 95#96 INST. NO. 96716

F.B. 4117 PG. 217

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 53-15 TO BM. 53-15A
BM 53-15									BM 53-15
1	86	871	387 5	92 / 80 / 12	251	830	553 5	257 / 245 / 12	STEPHENS PASTURE RD. S. OF LOWER
2	17	299	318 5	23 / 11 / 12	300	120	601 5 (1/2)	300 / 293 / 14	PASTURE RD, See FB 2422-125
3	33	854	334 5	43 / 23 / 24 / 20	292	118	593 5	303 / 281 / 26 / 22	⊼ Siemann
4	6	880	307 5	15 / 6 / 44 / 18	243	328	544 5	253 / 233 / 48 / 20	
5	30	486	331 5	39 / 21 / 62 / 18	289	570	590 5	295 / 283 / 68 / 12	3748.630 214
6	16	884	317 5	21 / 11 / 80 / 10	290	568	591 5	294 / 286 / 80 / 8	615.472 212
									3133.158 426
7	13	873	314 5	18 / 8 / 90 / 10	293	679	594 5	298 / 288 / 88 / 10	
8	23	261	324 5	26 / 20 / 100 / 6	288	722	589 5	292 / 284 / 98 / 8	
9	21	140	322 5	25 / 17 / 106 / 8	250	075	551 5	255 / 245 / 106 / 10	
10	12	641	313 5	22 / 12 / 114 / 20	298	040	599 5	307 / 289 / 116 / 18	
11	6	253	307 5	18 / 6 / 134 / 24	242	080	543 5	254 / 230 / 134 / 24	
12	88	825	389 5	99 / 77 / 158 / 22	272	248	573 5	283 / 261 / 158 / 22	
13	117	209	418 5	131 / 103 / 180 / 28	179	580	480 5	192 / 166 / 180 / 26	BM 53-15A
14	139	996	440 5	142 / 136 / 208 / 6	256	672	557 5	259 / 253 / 206 / 6	W. OF CENTER OF SEC. IN BOTTOM OF LIVE OAK CN.
BM 53-15A	615	472		214	3748	630		212	SEE F.B. 3718-91

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
	1056	74			668	74			FROM B.M.53-15A TO BM.53-15
BM53-15A				272				137	B.M.53-15A
1	267	580	568 5	262 10	132	070	433 5	127 10	W. OF CTR. SEC. 29 IN BOTTOM OF
				190				89	LIVE OAK CN.
2	178	460	479 5	166 24	75	989	376 5	61 28	SEE F.B.3718-91
				266 34				84 38	
3	252	468	553 5	238 28	71	579	372 5	58 26	
				293 62				22 64	
4	281	341	582 5	269 24	13	092	314 5	4 18	
				268 86				20 82	
5	261	781	562 5	254 14	11	735	312 5	2 18	
				281 100				35 100	K-Siemann
6	277	100	578 5	273 8	31	576	332 5	27 8	
				294 108				13 108	
7	290	660	591 5	286 8	9	218	310 5	5 8	
				282 116				20 116	
8	277	727	578 5	272 10	15	272	316 5	10 10	
				287 126				71 126	
9	283	078	584 5	279 8	66	941	367 5	61 10	
				278 134				78 136	
10	273	421	574 5	268 10	72	510	373 5	66 12	
				270 144				21 148	
11	259	538	560 5	248 22	11	460	312 5	1 20	
				298 166				56 168	
12	290	448	591 5	282 16	47	912	347 5	36 20	
				300 182				37 188	
13	292	612	593 5	284 16	31	920	332 5	25 12	
				297 198				74 200	
14	291	032	592 5	285 12	69	491	370 5	64 10	
				164 210				148 210	
15	162	281	463 5	160 4	146	632	447 5	144 4	B.M.53-15
				√214				√214	STEPHENS PASTURE RD. ON CTR SEC LINE
	3939	527	✓		806	397	✓	√214	S. OF LOWER PASTURE RD.
BM53-15	806	397	✓					√428	SEE F.B.2422-125
	43133	130	✓						

F.B. 4117 Pg. 218 JOB NO. 0301.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 8-10-71

INDEXED [illegible] DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 11:20 to ROD NO. 95896

NOTES CHKD KEH DATE AUG 20 71

T-94°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 53-15A TO BM 53-16
BM 53-15A									BM 53-15A
1	252	565	553 5	270 / 234 36	12	000	313 5	29 / 12 34 ~~28~~	W. OF CTR. SEC 29 AT BOTTOM OF
2	265	651	566 5	270 / 260 10	15	020	316 5	22 / 8 14	LIVE OAK CN. See FB 3718-91
3	300	169	601 5	306 / 294 46 12	6	942	307 5	11 / 1 ~~58~~ 48 10	
4	295	478	596 5	299 / 291 58 8	14	280	315 5	20 / 8 58 12	⊼ Siemann
5	296	519	597 5	305 / 287 66 18	86	621	387 5	93 / 79 70 14	
6	214	589	515 5	221 / 207 84 14	72	276	373 5	79 / 65 84 14	3594.725 ✓176 367.434 ✓176
7	293	460	594 5	300 / 286 98 14	12	080	313 5	19 / 5 98 14	+✓3225.291 ✓352 7
8	263	450	564 5	268 / 258 112 10	16	450	317 5	22 / 10 112 12	
9	300	174	601 5	305 / 295 122 10	31	829	332 5	35 / 27 124 8	
10	264	589	565 5	269 / 259 132 10	56	442	357 5	62 / 50 132 12	
11	270	658	571 5	276 / 264 142 12	25	060	326 5	31 / 19 144 12	
12	280	683	581 5	285 / 275 154 10	8	821	309 5	13 / 3 156 10	
	~~8~~	~~821~~	~~309 5~~	13 / 3 164 ~~10~~			5	166	BM 53+16
13	296	740	597 5	302 / 290 164 12	9	613	310 5	14 / 4 10	219 FT. W. OF CTR. SEC. 29
BM 53-16	3594	725 ✓		176	367	434 ✓		✓ 176	See FB 2422-126

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

SURVEY BY GE DREIER

NOTES BY MIYAHIRA DATE 5 AUGUST 1971 TIME 9:00 to

INDEXED G. J. GALLI DATE AUG 17 '71 NOTES CHKD RE H DATE AUG 20 '71

WEATHER LIGHT BREEZE INST. NO. 96716

ROD NO. 95896

T = 86 HAZY

F.B. 4117 PG. 219

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. 53-16 TO B.M. 53-15A
B.M. 53-16									B.M. 53-16
1	12	292	313 5	18 / 6 / 12	300	625 ~~620~~	601 5	305 / 295 / 10	219 FT W. OF CTR. SEC. 29
									SEE F.B. 2422-126
2	10	072	311 5	14 / 6 / 8	299	957	600 5	304 / 294 / 10	
				20				20	
3	12	731	313 5	19 / 5 / 14	284	335	585 5	292 / 276 / 16	⊼ SIEMANN
				34				36	
4	16	120	317 5	22 / 10 / 12	291	608	592 5	296 / 286 / 10	
				46				46	
5	12	470	313 5	16 / 8 / 8	299	530	600 5	304 / 294 / 10	
				54				56	
6	16	031	317 5	21 / 11 / 10	246	659	547 5	251 / 241 / 10	
				64				66	
7	19	512	320 5	26 / 12 / 14	259	391	560 5	267 / 251 / 16	
				78				82	
8	24	975	325 5	38 / 10 / 28	298	613	599 5	(½) 298 / 288 / 20	
				106				102	
9	21	309	322 5	26 / 16 / 10	298	761	599 5	303 / 293 / 10	
				116				112	
10	15	878	316 5	19 / 11 / 8	287	549	588 5	292 / 282 / 10	
				124				122	
11	5	585	306 5	12 / 5 / 14	276	450	577 5	284 / 268 / 16	
				138				138	
12	14	241	315 5	28 / 0 / 28	233	241	534 5	246 / 220 / 26	
				166				164	B.M. 53-15A
13	143	470	444 5	145 / 141 / 4	175	224	476 5	178 / 172 / 6	W. OF CTR. OF SEC. 29 IN BOTTOM
	√324	686		√170	3551	943 ✓		√170	OF LIVE OAK CN.
					324	686 ✓		√170	SEE F.B. 3718-91
					3227	257 ✓		740	

F.B. 4117 PG. 220 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES MIYAHIRA 8-10-71

INDEXED [illegible] DATE

T=92

WEATHER HAZY LIGHT BREEZE INST. NO. 96716

TIME 1030 ROD NO. 95896

NOTES CHKD REH DATE AUG 20 '71

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 GE DREIER
NOTES BY MIYAHIRA DATE 5 AUGUST 1971 WEATHER LIGHT BREEZE HAZY INST. NO. 96716
INDEXED [illegible] DATE AUG 17 71 TIME 10:00 to ROD NO. 95496
NOTES CHKD RSN DATE AUG 20 71
F.B. 4117 PG. 221
7 = 88

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM53-16 TO BM53-16B
BM53-16													BM 53-16
1	242	789	543	5	260 224	36	236	638	537	5	255 217	38	219 FT. W. OF CTR. SEC. 29
2	11	210	312	5	(½) 24 11	26	245	697	546	5	256 234	22	See FB 2422.126
						62						60	
3	48	561	349	5	59 37	22	221	007	522	5	232 210	22	
						84						82	⊼ MALDONADO
4	55	411	356	5	68 42	26	294	039	595	5	306 282	24	
						110						106	
5	37	289	338	5	42 32	10	271	280	572	5	278 264	14	
						120						120	
6	27	039	328	5	32 22	10	273	712	574	5	278 268	10	
						130						130	
7	10	182	311	5	14 6	8	294	332	595	5	298 290	8	
						138						138	
8	4	408	305	5	(½) 8 4	8	263	494	564	5	267 259	8	
						146						146	
9	4	161	305	5	(½) 8 4	8	297	651	598	5	302 292	10	
						154						156	
10	34	126	335	5	38 30	8	237	382	538	5	241 233	8	
						162						164	
11	4	972	305	5	(½) 10 4	12	275	507	576	5	281 269	12	
						174						176	
12	21	750	322	5	28 14	14	274	614	575	5	280 268	12	
						188						188	
13	26	691	327	5	32 20	12	268	667	569	5	274 262	12	CON'T
	355	64				200	866	66				200	
												~~200~~	
	528	589					3454	020				~~400~~	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 4117 PG. 222 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES M.H. AHIRA DATE 8-5-21

INDEXED C. L. CARR

WEATHER SMOGY INST. NO. 96716

TIME 10:00 PM ROD NO. 95896

NOTES CHKD REN DATE AUG 20 71

88°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM 53-16 TO BM 53-16B
	528	589				200	3454	020				200	
14	26	790	327	5	31 21	10	274	321	575	5	279 269	10	
						210						210	
15	15	107	316	5	20 10	10	271	603	572	5	276 266	10	
						220						220	
16	25	348	326	5	40 10	30	213	374	514	5	225 198	30	
						250						250	
17	58	617	359	5	68 48	20	280	050	581	5	290 270	20	
						270						270	
18	33	642	334	5	38 28	10	298	933	599	5	298 ½) 294	8	
						280						278	
19	25	013	326	5	28 22	6	284	848	585	5	287 281	6	
						286						284	
20	10	123	311	5	14 6	8	293	234	594	5	298 288	10	
						294						294	
21	17	266	318	5	26 6	18	246	982	547	5	256 236	20	
	2534					✓312	2534	32				✓314	
												✓312	
✓	740	495				✓	5617	365				✓626	
						✓	740	495					
						✓	4856	870					
BM 53-16B							7						B.M. 53-16B (F.C. B.M. 94 RW 566 MILLER RANCH RD. IN BOTTOM OF LIVE OAK CANYON SEE F.B. 3718-95

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 MIYAHIRA DATE 10 AUGUST 1971 TIME 9:00 TO 10:30 ROD NO. 95 & 96

INDEXED G. L. GALLI DATE AUG 17 71 NOTES CHKD RE H DATE AUG 20 71

WEATHER LIGHT BREEZE INST. NO 96716

T=84 HAZY

F.B. 4117 PG. 223

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM.53-16B TO B.M. 53-16
BM 53-16B													BM.53-16B (F.C. BM 94 RW 560)
1	261	418	562	5	270 / 252	18	33	511	333	5	43 / 23	20	MILLER RANCH RD. & BOTTOM OF LIVE
													OAK CANYON
2	254	598	555	5	258 / 250	8	12	422	313	5	16 / 8	8	SEE F.B. 3718-95
						26						28	
3	289	348	590	5	292 / 286	6	12	877	313	5	16 / 8	8	
						32						36	⊼ MALDONADO
4	281	481	582	5	285 / 277	8	12	647	313	5	16 / 8	8	
						40						44	
5	294	342	595	5	306 / 282	24	37	672	338	5	50 / 24	26	
						64	10					70	
6	228	163	529	5	246 / 210	36	~~11~~	140	311	5	22 / 2	24	
						100						94	
7	212	167	513	5	215 / 209	6	12	531	313	5	77 / 7	10	
						106						104	
8	244	503	545	5	248 / 240	8	10	081	311	5	15 / 5	10	
						114						114	
9	279	475	580	5	261 / 272	14	3	729	304	5	(½) 9 / 3	12	
						128						126	
10	256	609	557	5	262 / 250	12	21	811	322	5	27 / 15	12	
						140						138	
11	250	503	551	5	255 / 245	10	24	402	325	5	30 / 18	12	
						150						150	
12	266	681	567	5	271 / 261	10	4	383	305	5	(½) 10 / 4	12	
						160						162	
13	256	893	557	5	260 / 252	8	4	948	305	5	(½) 9 / 4	10	
						168						172	✓
	✓3376	181		5			✓201	154		5			

CONT.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	3376	181			201	154			FROM BM.53-16B TO B.M.53-16
14	300	261	601 5	300 168 (½) 296 8	9	248	310 5	12 172 6 6	CONT.
15	272	600	573 5	276 176 268 8	10	688	311 5	14 178 6 8	
16	295	053	596 5	300 184 290 10	35	390	336 5	40 186 30 10	
15	294	468	595 5	304 194 284 20	5	110	306 5	14 196 (½) 5 18	
16	292	422	593 5	307 214 277 30	46	112	347 5	62 214 30 32	
17	298	232	599 5	298 244 (½) 280 36	5	606	306 5	19 246 (½) 5 28	
18	245	400	546 5	257 280 233 24	121	050	422 5	136 274 106 30	
19	42	171	343 5	48 304 36 12	105	618	406 5	113 304 97 16	
				√316				√320	
BM 53-16								√316	BM 53-16
	√5416	788			539	976		√636	MILLER RANCH Rd 219 ft
	539	976							W'ly of CTR. SEC. 29
	√+4876	812							See FB 2422-126

F.B. 4117 PG. 224 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER

INDEXED G.J. GANT DATE

WEATHER HAZE INST. NO. 96716

TIME 9:00 TO 10:30 ROD NO. 95894

NOTES CHKD REH DATE AUG 20 [illegible]

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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM53-16B TO BM53-17
BM53-16B													BM 53-16 B
1	146	908	447	5	154 / 138	16	179	883	480	5	187 / 171	16	MILLER RANCH Rd @ BOTTOM
	187												OF LIVE OAK CYN.
X 2	190	783	491	5	203 / 171	32	100	371	401	5	117 / 83	34	See FB 3719-95
						48						50	
3	207	101	508	5	214 / 200	14	15	962	316	5	22 / 8	14	
						62						64	⊼ MALDONADO
X 4	298	102	599	5	304 / 294	10	41	818	342	5	46 / 36	10	
						72						74	
5	270	844	571	5	276 / 264	12	30	382	331	5	36 / 24	12	
						84						86	
6	264	783	565	5	268 / 260	8	10	052	311	5	14 / 6	8	
						92						94	
7	270	310	571	5	274 / 266	8	11	329	312	5	15 / 7	8	
						100						102	
8	242	723	543	5	246 / 238	8	39	169	340	5	44 / 34	10	
						108						112	
9	277	965	578	5	282 / 272	10	9	932	310	5	12 / 6	6	
						118						118	
10	283	540	584	5	288 / 278	10	94	172	395	5	100 / 88	12	
						128						130	
11	203	262	504	5	207 / 199	8	55	438	356	5	58 / 52	6	
	646	42				136	345	64				136	
BM53-17												136	BM 53-17
	2656	32					588	508				272	Miller Ranch Rd. & City of L.A. Wat. & Power
	588	508											Transmimission Lines.
	2067	813											See FB 2422-127

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

SURVEY BY GE DREIER

NOTES BY MIYAHIRA DATE 5 AUGUST 1971 WEATHER LIGHT BREEZE INST. NO. 96716

INDEXED [illegible] DATE AUG 17 '71 TIME 1100 a ROD NO. 95896

NOTES CHKD [illegible] DATE AUG 20 '71

T= 88 HAZY

F.B. 4117 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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 53-17 TO B.M. 53-16B
BM 53-16B													B.M. 53-17
1	18	557	319	5	24 12	12	255	691	557	5	261 249	12	MILLER RANCH RD. & POWER LINE
													SEE F.B. 2422-127
2	19	962	320	5	24 14	10	301	190	602	5	(1/2) 301 296	10	
						22						22	
3	15	182	316	5	20 10	10	297	932	598	5	302 292	10	⊼ MALDONADO
						32						32	
4	19	308	320	5	22 16	6	243	671	544	5	246 240	6	
						38						38	
5	16	613	317	5	20 12	8	271	426	572	5	275 267	8	
						46						46	
6	12	062	313	5	19 5	14	299	930	600	5	(1/2) 299 291	16	
						60						62	
7	16	263	317	5	21 11	10	298	269	599	5	(1/2) 298 292	12	
						70						74	
8	5	630	306	5	(1/2) 15 5	20	167	751	468	5	177 157	20	
						90						94	
9	74	450	375	5	88 60	28	152	190	453	5	164 140	24	
						118						118	
10	219	590	520	5	226 212	14	198	212	499	5	205 191	14	
	4	52			✓	132					✓	132	
BM 53-16B											✓	132	BM 53-16B
	✓417	617					✓ 4 2386	262			✓	264	MILLER RANCH Rd @ BOTTOM
							✓ 417	617					OF LIVE OAK CYN.
													SEE FB 3719-95.
							✓ 1968 20	645					

F.B. 4117 PG. 226 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Miyahira 8-9-71

INDEXED G. J. GAULT DATE

T = 102

WEATHER Partly Cloudy Light Breeze INST. NO. 96716

TIME 3:00 ROD NO. 95896

NOTES CHKD RCH DATE AUG 20 71

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM53-16B TO BM53-17
BM53-16B									BM 53-16B
1	147	760	448 5	155 / 139 / 16	179	052	480 5	189 / 169 / 20	MILLER RANCH Rd @ Bottom
									OF LIVE OAK CYN. (FCBM)
2	238	209	539 5	256 / 220 / 36	117	762	418 5	132 / 102 / 30	See FB 3719-95
		251		52				50	
3	238	~~251~~	539 5	244 / 232 / 12	9	103	310 5	14 / 4 / 10	
				64				60	RERUN ⊼ MALDONADO
4	276	698	577 5	280 / 272 / 8	9	454	310 5	15 / 3 / 12	
				72				72	
5	262	621	563 5	268 / 256 / 12	20	501	321 5	26 / 14 / 12	
				84				84	
6	280	601	581 5	284 / 276 / 8	6	467	307 5	10 / 2 / 8	
				92				92	
7	277	502	578 5	281 / 273 / 8	5	750	306 5	10 / 0 / 10	
				100				102	
8	246	249	547 5	251 / 241 / 10	21	788	322 5	26 / 16 / 10	
				110				112	
9	284	562	585 5	288 / 280 / 8	12	302	313 5	16 / 8 / 8	
				118				120	
10	223	917	524 5	228 / 218 / 10	25	672	326 5	29 / 21 / 8	
	555	34		✓ 128	254	43		✓ 128	
BM53-17								✓ 128	BM 53-17
✓	2476	370		✓	407	851		✓ 256	MILLER RANCH & CITY of L.A.
	407	851							WATER & POWER TRANSMISSION LINES.
+	2068	519							See FB 2422-127

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

SURVEY BY G.E. DREIER

NOTES BY MIYAHIRA DATE 11 AUGUST 1971 TIME 11:00 WEATHER HAZY LIGHT BREEZE

INDEXED G.J. GALLI DATE AUG 17 '71 NOTES CHKD RE# DATE AUG 20 '71

T=94

F.B. 4117 PG. 227

INST. NO. 96716

ROD NO. 95896

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM53-17 TO BM53-168
BM 53-17					33						231		BM 53-17
1	28	683	329	5	23	10	226	928	527	5	221	10	MILLER RANCH Rd. & POWER
					20						300		LINE
2	15	549	316	5	10	10	295	319	596	5	290	10	See FB 2422-129
					25	20					260	20	
3	20	649	321	5	15	10	254	765	555	5	248	12	KERUN
					22	30						32	⊼ MALDONADO
4	17	462	318	5	12	10	300	440	601	5	300 294	12	
					12	40						44	
5	8	322	309	5	4	8	292	833	593	5	298 286	12	
					18	48						56	
6	11	003	312	5	4	14	279	497	580	5	284 274	10	
					30	62					294	66	
7	25	067	326	5	20	10	289	566	590	5	284	10	
					24	72					217	76	
8	17	057	318	5	10	14	211	756	512	5	205	12	
					114	86					174	88	
9	95	809	396	5	76	38	155	453	456	5	136	38	
					195	124					195	126	
10	190	241	491	5	185	10	191	772	492	5	187	8	
	343	45			✓	134	546	54			1	134	
BM 53-16B											1	134	BM 53-16B
	429	842					2498	329			✓	248	MILLER RANCH Rd @ BOTTOM
							429	842				6	of LIVE OAK CYN.
						—	2068	487					See FB 3719-95

T = 94

WEATHER HAZY LIGHT BREEZE INST. NO. 96716

TIME 11:40 ROD NO. 95896

NOTES CHKD RE DATE 2-0-71

JOB NO. 0301.02

SURVEY OF LA CO. PRECISE LEVEL NET

SURVEY BY GEDREIER NOTES MIYAHIRA 8-11-71

INDEXED [illegible] DATE

F.B. 4111 PG. 228

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 53-17 TO BM 53-~~18~~ 17A
BM 53-17					43						127		BM 53-17
1	31	435	332	5	19	24	114	370	415	5	101	26	Miller Ranch Rd, @ City of L.A.
					126						284		Water & Power Transmission Line
2	96	113	397	5	66	60	254	245	555	5	224	60	See F.B. 2422-127
					18 1/2	84					294	86	
3	7	310	308	5	7 1/2	22	283	405	584	5	272	22	
					22	106					230	108	
4	15	706	316	5	8	14	223	844	524	5	216	14	
					89	120					262	122	T-Miyahira
5	71	823	372	5	53	36	245	660	546	5	228	34	
					21	156					304	156	
6	13	194	314	5	5	16	297	183	598	5	290	14	
					25	172					305	170	
7	18	502	319	5	11	14	298	073	599	5	291	14	
					13	186					285	184	
8	7	387	308	5	1	12	279	710	580	5	273	12	
					18	198					241	196	
9	12	407	313	5	6	12	234	870	535	5	227	14	
					17 1/2	210					301	210	
10	4	696	305	5	4 1/2	26	301	648	602	5	292 1/2	18	
					20	236					300	228	
11	14	692	315	5	8	12	300	337	601	5	292 1/2	16	
					10	248					300	244	
12	5	646	306	5	0	10	294	322	595	5	288	12	
					60	258					231	256	
13	59	734	360	5	X57	4	228	891	529	5	225	6	
						262						262	
												262	BM 53-17A (L.A.C.F.C.D. 094-08500)
	358	645					3366	488				524	Webb Cyn. Rd. E. of LIVE OAK DAM
							5	55					
BM 53-17A							358	645					See F.B. 3718-99
							2997	913					

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY GE DREIER
NOTES BY Maldonado DATE 8-5-71
INDEXED [illegible] DATE AUG 17 '71
WEATHER Hazy Sun
TIME 1:15 to 2:30
NOTES CHKD. REH
INST. NO. 96716
ROD NO. 95496
DATE AUG 20 '71
T=100
F.B. 4117 PG. 229

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 BM53-~~18~~ 17A TO BM53-17
BM53-18				299				25	BM53-~~18~~ 17A (L.A.C.F.C.D. 094-08500)
1	295	835	596 5	291 8	21	953	322 5	17 8	Webb Cyn Rd. & ~~0.6 mi. N. of~~
				296				44	~~Baseline Rd~~ E. of LIVE OAK DAM
2	291	987	592 5	286 10	40	673	341 5	36 8	See F.B. ~~2422-128~~ 3718-99
				269 18				48 16	
3	265	070	566 5	261 8	43	145	344 5	38 10	
				299 26				46 26	
4	299	335	600 5	291½ 16	37	303	338 5	28 18	π-Miyahira
				187 42				96 44	
5	181	410	482 5	175 12	90	355	391 5	84 12	
				284 54				19 56	
6	278	640	579 5	272 12	13	470	314 5	7 12	
				282 62				18 68	
7	276	414	577 5	270 12	12	210	313 5	6 12	
				277 18				24 80	
8	271	703	572 5	265 12	18	208	319 5	12 12	
				304 90				45 92	
9	297	995	598 5	290 14	37	160	338 5	29 16	
				211 104				132 108	
10	196	657	497 5	181 30	119	970	420 5	106 26	
				237 134				27 134	
11	229	280	530 5	221 16	20	437	321 5	13 14	
				300 150				59 148	
12	300	525	601 5	292½ 16	50	380	351 5	41 18	
				301 166				107 166	
13	284	116	585 5	267 34	88	920	389 5	69 38	
				176 200				130 204	
14	153	480	454 5	130 46	110	370	411 5	90 40	
				103 246				25 244	BM53-17
15	97	462	398 5	91 12	17	635	318 5	9 16	Miller Ranch Rd & City of L.A.
BM53-17				↓258				↓260	Water & Power Trans. Lines
	↓3719	909			722	189 ↓		↓258	See F.B. 2422-127
	722	189		2997.720 ↓				518	

T-102°

WEATHER Sunny & Breezy INST. NO. 96716

TIME 2:55 to 3:30 ROD NO. 95896

NOTES CHKD RE H DATE AUG 20 '71

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 8-6-71

INDEXED G. J. GAMBLE DATE

F.B. 4117 PG. 230

76P526B CE # 308 8/68

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

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
	25594						75452						FROM BM 53-17A TO BM53-18
BM					64						300		BM53-17A (L.A.C.F.C.D. 094-08500)
1	59	622	360	5	54	10	296	000	597	5	292	8	Webb Cyn. Rd. E. of LIVE OAK DAM
					17						263		
2	11	234	312	5	5	12	257	580	558	5	251	12	See F.B. 3718-99
					27	22					277	20	
3	17	370	318	5	7	20	267	463	568	5	257	20	
					13	42					281	40	
4	5	828	306	5	5 ½	16	273	118	574	5	265	16	
					29	58					235	56	T-Miyahira
5	21	570	322	5	13	16	226	785	527	5	217	18	
					48	74					299	74	
6	29	850	330	5	10	38	299	780	600	5	285 ½	28	
					30	112					287	102	
7	22	360	323	5	14	16	273	855	574	5	259	28	
					38	128					304	130	
8	29	573	330	5	20	18	297	470	598	5	290	14	
					129	146					51	144	
9	125	430	426	5	121	8	46	540	347	5	41	10	
					138	154					73	154	
10	136	473	437	5	134	4	71	116	372	5	69	4	
					✓	158					✓	158	
											✓	158	
	✓ 459	~~270~~ 310					✓ 2309	707			✓	316	
							✓ 459	~~270~~ 310					
							1850	~~437~~ 397					
BM 53-18													BM 53-18
													Webb Cyn. Rd. & 0.6 mi. N. of Baseline Rd., 3.0 Ft. N. P.P. #503039E
													See F.B. 2422-128

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. Dreier
NOTES BY Maldonado DATE 8-5-71
INDEXED G. J. CALLI DATE AUG 17 71
WEATHER Hazy Sun
TIME 2:30 to
NOTES CHKD RE
INST. NO. 96716
ROD NO. 95896
DATE AUG 20 71
T-102°
F.B. 4117 PG. 231

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
	~~66~~ 5	~~53~~					~~354~~	~~43~~					FROM BM53-18 TO BM53-17A
BM 53-18	5				39						190		BM 53-18
1	34	000	336	5	31	8	185	270	486	5	180	10	Webb Cyn. Rd. 0.6 mi. N. of Base-
					247						49		line Rd. 3.0 Ft. N. of PP 503039 E
2	242	980	543	5	237	10	43	285	344	5	37	12	See F.B. 2422-128
					296	18					35	22	
3	284	000	585	5	272	24	24	862	325	5	13	22	
					298 1/2	42					45	44	
4	298	964	599	5	288	20	35	408	336	5	25	20	
					231	62					47	64	X-Miyahira
5	219	622	520	5	207	24	35	104	336	5	23	24	
					264	86					40	88	
6	259	573	560	5	254	10	34	537	335	5	28	12	
					294 1/2	56					78	100	
7	294	188	595	5	280	16	67	000	368	5	56	22	
					293	124					14	122	
8	285	695	586	5	277	16	6	550	307	5	-2	16	
					272	130					21	138	
9	268	712	569	5	264	8	17	638	318	5	13	8	
					225	148					114	146	
10	223	577	524	5	221	4	112	390	413	5	110	4	
						~~148~~ 152						150 152 ~~148~~	
	2412	311					532	244				~~298~~	
	512	244					6	0				302	
	1880	067											BM53-17A (L.A.C.F.C.D. 094-08500)
BM 53-	5	2											Webb Cyn. Rd.
													See F.B. 3718-99

T-101

WEATHER Hazy Sun INST. NO. 96716

TIME 2:15 to 2:55 ROD NO. 95 & 96

NOTES CHKD. REH DATE AUG 20 71

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 8-6-71

INDEXED G. L. BALLI DATE

F.B. 4117 PG. 232

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 GE DREIER
NOTES BY Maldonado DATE 8-6-71
INDEXED G. J. SAUN DATE AUG 17 71
WEATHER Hazy Sun INST. NO. 96716
TIME 9:00 to 9:45 ROD NO. 95896
NOTES CHKD REA DATE AUG 20 71
F.B. 4117 PG. 233
T=88°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
	456	33					745	42					FROM BM53-18 TO BM53-19
BM 53-18					37						303		BM53-18
1	25	521	326	5	25 ½	24	292	342	593	5	281	22	Webb Cyn. Rd. & 0.6 mi. N. of Base-
					71						297		line Rd. 30 Ft. N. of P.P. #503039E.
2	60	925	361	5	49	22	284	845	585	5	271	26	See F.B. 2422-128
					59	46					243	48	
3	45	812	346	5	31	28	229	802	530	5	215	28	
					36	74					98	76	
4	16	022	317	5	16 ½	40	78	031	379	5	58	40	K-Siemann
					217	114					227	116	
5	199	702	500	5	181	36	210	441	511	5	193	34	
					27	150					292	150	
6	15	571	316	5	15 ½	24	279	220	580	5	266	26	
					47	174					228	176	
7	39	748	340	5	31	16	221	551	522	5	214	14	
					97	190					276	190	
8	74	580	375	5	51	46	251	847	552	5	226	50	
					30	236					288	240	
9	15	657	316	5	0	30	273	253	574	5	258	30	
					21	266					269	270	
10	11	101	312	5	1	20	262	740	563	5	255	14	
					68	288					177	284	
11	62	331	363	5	56	12	170	392	471	5	163	14	
					202	298					54	298	
12	200	100	501	5	198	4	52	130	353	5	50	4	
						✓302						302 ✓	
												302 ✓	
✓	767	070					2606	594 ✓				✓604	BM53-19
							769	070 ✓					Webb Cyn. Rd. & 0.25 mi. N. of Base-
BM 53-19							1839	524 ✓					line Rd. @ Driveway to Webb School
													See F.B. 2422-129

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
	~~445~~	~~65~~			~~544~~	~~64~~			FROM BM 53-19 TO BM 53-18
BM 53-19				16				155	BM 53-19
1	12	890	313 5	8 8	151	362	452 5	147 8	Webb Cyn. Rd. & 0.25 mi. N. of
				301½				25	Baseline Rd. @ Driveway to
2	30~~2~~1	410	602 5	292½ 18	17	073	318 5	9 16	Webb School
				246 26				52 24	See F.B. 2422-129
3	236	669	537 5	226 20	40	679	341 5	28 24	
				286 46				104 48	
4	~~273~~	~~295~~	~~574 5~~	~~273½ 26~~	~~91~~	~~840~~	~~392 5~~	~~78 26~~	
				244 72				114 74	R. Siemann
5	226	509	527 5	208 36	92	211	393 5	70 44	
				252 108				54 118	
6	~~245~~	~~905~~	~~546 5~~	~~238 14~~	~~47~~	~~112~~	~~348 5~~	~~40 14~~	
				300½ 122				91 132	
7	300	249	601 5	287½ 26	83	078	384 5	75 16	
		599		270 148				252 148	
8	~~251~~	~~05~~	~~552 5~~	~~232 38~~	~~232~~	~~681~~	~~533 5~~	~~212 40~~	
				135 186				27 188	
9	109	152	410 5	83 52	5	861	306 5	5½ 44	
				307 238				28 2~~4~~32	
10	291	341	592 5	275 32	11	171	312 5	11½ 34	
				277 270				51 266	
11	266	260	567 5	255 22	39	219	340 5	27 24	
				187 292				51 290	
12	184	132	485	181 6	47	596	348 5	43 8	
				✓298				✓298	
								✓298	
	2699	411 ✓			859	883 ✓		✓596	
	859	883 ✓							BM 53-18
BM 53-18	+1839	528 ✓							Webb Cyn. Rd. & 0.60 mi. N. of
									Baseline Rd., 3 Ft. N. of
									P.P. # 503039 E.
									See F.B. 2422-128

T-100°

WEATHER Hazy Sun INST. NO. 96716

TIME 1:30 to 2:15 ROD NO. 95896

NOTES CHKD REH DATE AUG 20 '71

JOB NO. 0301.02.

F.B. 4117 PG. 234

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 8-6-71

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM53-19 TO BM53-19B
BM 53-19					17						266		BM 53-19
1	14	020	315	5	11	6	263	071	564	5	260	6	Webb Cyn. Rd., & 0.25 mi. N. of
					12						258		Baseline Rd. @ Driveway to Webb
2	7	303	308	5	2	10	253	172	554	5	248	10	School
					32	16					302	16	See F.B. 2422-129
3	26	977	327	5	20	12	296	645	597	5	290	12	
					52	28					137	28	
4	48	600	349	5	44	8	133	829	434	5	129	8	
						√36						√36	
												√36	T-Miyahira
	√96	900					946	717	✓			√72	
							96	900	✓				BM 53-19B
BM 53-19B							849	817	✓				Webb Cyn. Rd. & S. Entrance to
													Webb School
													See F.B. 3718-105

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-90°
SURVEY BY G. E. Dreier
NOTES BY Maldonado DATE 8-6-71
INDEXED C. J. GALLI DATE AUG 17 71
WEATHER Hazy Sun INST. NO. 96716
TIME 9:45 to 10:00 ROD NO. 95 & 96
NOTES CHKD R E H DATE AUG 20 71
F.B. 4117 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 BM53-19B TO BM53-19
BM 53-19B													BM 53-19B
					159						20		Webb Cyn. Rd. & S.W. Entrance to
1	152	701	453	5	145	14	14	250	315	5	8	12	Webb School
					298						18		See F.B. 3718-105
2	292	741	593	5	286	12	12	791	313	5	6	12	
					283	26					25	24	
3	277	490	578	5	271	12	20	633	321	5	15	10	π-Siemann
					189	38					16	34	
4	186	730	487	5	183	6	12	110	313	5	8	8	
						44						42	
												44	BM 53-19
	909	662					59	784				86	Webb Cyn. Rd. & 0.25 mi. N.
BM 53-19	59	784											of Baseline Rd. @ Driveway
	849	878											to Webb School
													See F.B. 2422-129

T-100°

WEATHER Hazy Sun INST. NO. 96716

TIME 1:15 to 1:30 ROD NO. 95896

NOTES CHKD RE DATE AUG 20 '71

F.B. 4117 PG. 236 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 8-6-71

INDEXED G. J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
	546	84					555	64					FROM BM 53-19B TO BM 11-59
BM 53-19B					22						244		BM 53-19B
1	19	888	320	5	16	6	240	278	541	5	236	8	Webb Cyn. Rd., & W. ENTRANCE
					25						270		TO WEBB SCHOOL
2	19	041	320	5	13	12	263	818	564	5	256	14	See F.B. 3718-105
					28	18					252	22	
3	20	678	321	5	12	16	246	358	547	5	240	12	
						34						34	
					31						263		T-Siemann
4	20	490	321	5	9	22	250	525	551	5	237	26	
					55	56					188	60	
5	36	478	337	5	17	38	169	100	470	5	150	38	
					188	94					248	98	
6	159	668	460	5	130	58	219	951	520	5	190	58	
					134	152					88	156	
7	103	719	404	5	72	62	57	888	358	5	26	62	
					292	214					23	218	
8	281	499	582	5	270	22	12	000	313	5	12½	22	
					301	236					62	240	
9	290	168	591	5	279	22	53	920	354	5	44	18	
					283	258					48	258	
10	271	578	572	5	259	24	35	080	336	5	22	26	
					264	282					26½	284	
11	251	321	552	5	239	25	11	519	312	5	11½	30	
					196	307					173	314	
12	191	579	492	5	186	10	172	352	473	5	170	3	
						✓317						✓317	BM 11-59
												✓317	Baseline Rd. & Live Oak Dr.
✓	1666	107					173	789				✓634	see F.B. 1376-53
BM 11-5							1666	107					
							6	682					

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-89°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 8-6-71
INDEXED G.L. GALLI DATE AUG 17 71
WEATHER Hazy Sun INST. NO. 96716
TIME 10:00 to 10:50 ROD NO. 95296
NOTES CHKD. R.E.H. DATE AUG 20 71
F.B. 4117 PG. 237

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-59 TO B.M. 53-19B
B.M. 11-59	464	36			865	57			B.M. 11-59
1	37	628	338 5	53 / 37 32	284	259	585 5	297 / 269 30	BASELINE RD. & LIVE OAK DR.
									SEE F.B. 1376-53
2	41	213	342 5	54 / 28 26 / 58	272	362	573 5	286 / 258 28 / 58	
3	32	901	333 5	44 / 20 24 / 82	275	892	576 5	286 / 264 22 / 80	
4	24	136	325 5	37 / 11 26 / 108	284	143	585 5	297 / 271 26 / 106	
5	23	102	324 5	36 / 10 26 / 134	193	689	494 5	207 / 179 28 / 134	
6	244	148	545 5	267 / 221 46 / 180	89	805	390 5	113 / 65 48	π = MALDONADO
7	156	192	457 5	187 / 125 62 / 242	96	010	397 5	125 / 67 58 / 240	
8	241	309	542 5	258 / 224 34 / 276	8	166	309 5	125 / 28 34 / 274	
9	207	208	508 5	214 / 200 14 / 290	4	779	305 5	112 / 24 16 / 290	
10	295	348	596 5	302 / 288 14 / 304	46	139	347 5	54 / 38 16 / 306	
11	257	853	558 5	261 / 253 8 / 312	87	528	388 5	91 / 83 8 / 314	
12	219	243	520 5	221 / 217 4 / 316	70	809	371 5	72 / 68 4 / 318	
B.M. 53-19B								316	B.M. 53-19B
	1780	881			1713	581		634	WEBB CN. RD. & W ENTRANCE TO
	1713	581	✓						WEBB SCHOOL.
	+66	800	✓						SEE F.B. 3718-105

F.B. 4117 PG. 238 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreyer NOTES Maldonado 8-6-71

INDEXED G. J. GALLI DATE

WEATHER LT. BREEZE INST. NO. 96716

TIME 11:10 TO 11:48 ROD NO. 95 & 96

NOTES CHKD REH DATE AUG 20 71

Tz 96°

76P529B 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= 96°
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 8-6-71 WEATHER HAZY SUN INST. NO. 96716
INDEXED S.J. DATE AUG 17 71 TIME 10:50 TO 10:55 ROD NO. 95C96
NOTES CHKD REH DATE AUG 20 71

F.B. 4117 PG 239

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 11-59 TO B.M. 11-58
B.M. 11-59							B.M. 11-59
1	299 614	600 5	1299 281 36	53 679	354 5	71 35 36	BASELINE RD. & LIVEOAK DR. SEE F.B. 1376-53
2	167 512	468 5	174 160 14 ✓50	145 347	446 5	152 138 14 ✓50	π = MALDONADO
B.M. 11-58						✓50	B.M. 11-58 (U.S.C.&G.S. FRENCH 1923)
	467126 ✓			199026 ✓		✓100	BASELINE RD. & COLLEGE WAY SEE F.B. 1376-53
	199026						
	+ 268100 ✓						

F.B. 4117 PG. 240

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES STEMANN 8-6-71

INDEXED [illegible] DATE

WEATHER HAZY SUN

TIME 11:00 TO 11:05

NOTES CHKD KEH

T = 96°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 11-58 TO B.M. 11-59
B.M 11-58									B.M. 11-58 (U.S.C. & G.S. 1923 FRENCH)
1	96	691	397 5	116 76 40	268	291	569 5	287 249 36	BASE LINE RD. & COLLEGE WAY)
									SEE F.B. 1376-53
2	124	479	425 5	129 119 10	221	001	522 5	228 214 14	π = MALDONADO
				50				50	
B.M. 11-59								50	B.M. 11-59
	221	170 ✓			489	292		100	BASELINE RD. & LIVE OAK DR.
					221	170			SEE F.B. 1376-53
					268	122			