Notes Ck'd by	Survey of L.A.Co. PRECISE LEVELING F. B. 4121 PG. 5
Map No.	JN 030102 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes Date OCT 71
Date	Indexed

BOOK INDEX F.B. 4121 - PAGE

LINE NO. 56, OCT. 1971 RELEVELING	7 TO 160
LINE NO. 105 MAY 1972 RELEVELING	165 TO 250

Microfilmed Jan '85

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 OCT. 1971
Date	Indexed T. M. PALMERI NOV 24 '71

F. B. 4121 PG. 7

J.N. 0301.02

L.A.Co. PRECISE LEVEL NET

LINE NO. 56, OCT. 1971 RELEVELING

DESCRIPTIONS IN

F.B. 933 -

F.B. 2832 -

F.B 3733 -

DREIER

MALDONADO

SIEMANN

McKNIGHT

OHASHI

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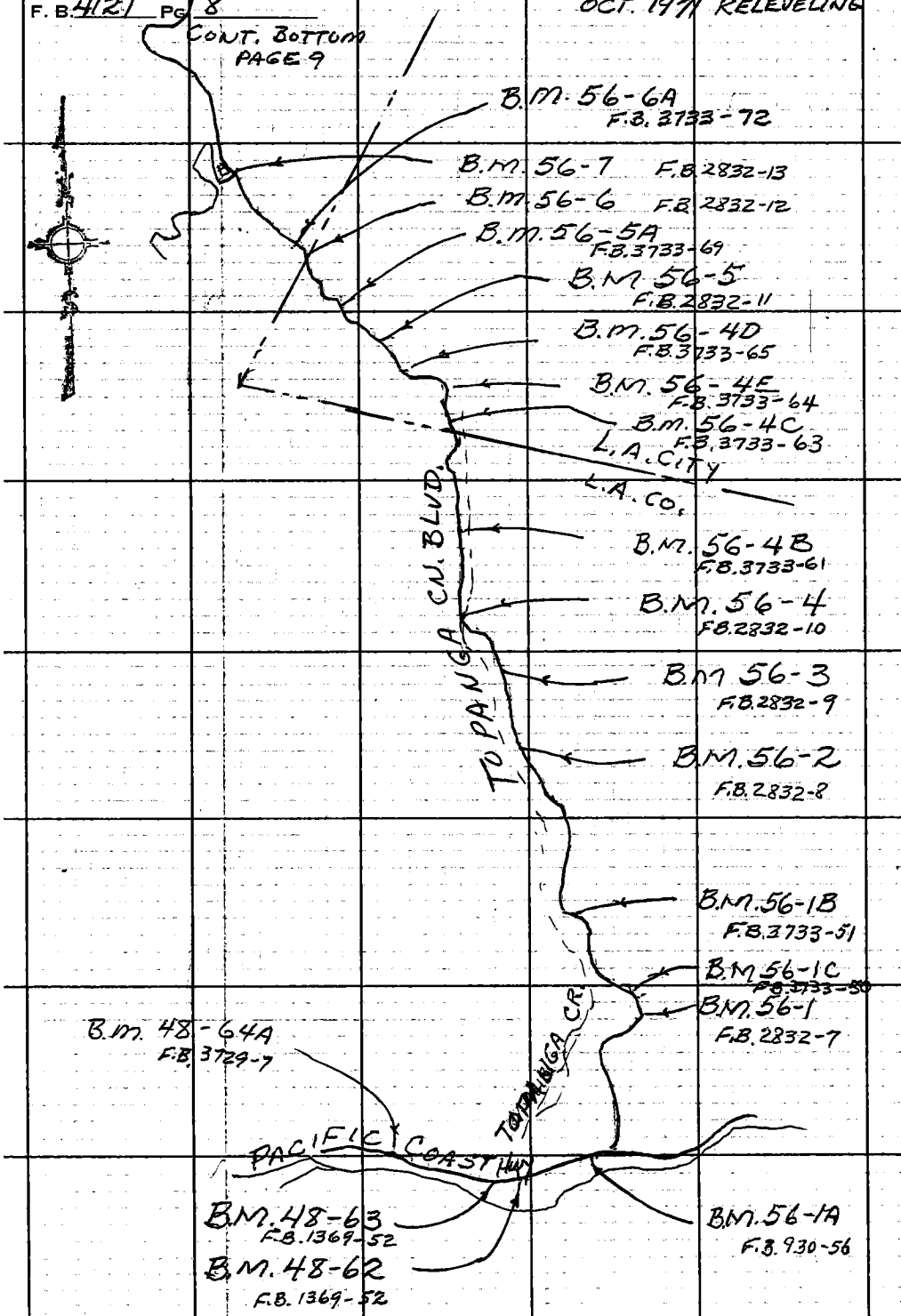
76F3095 CE#310 3-68

ROUTE SKETCH LINE 56

F. B. 4121 PG. 8

OCT. 1971 RELEVELING



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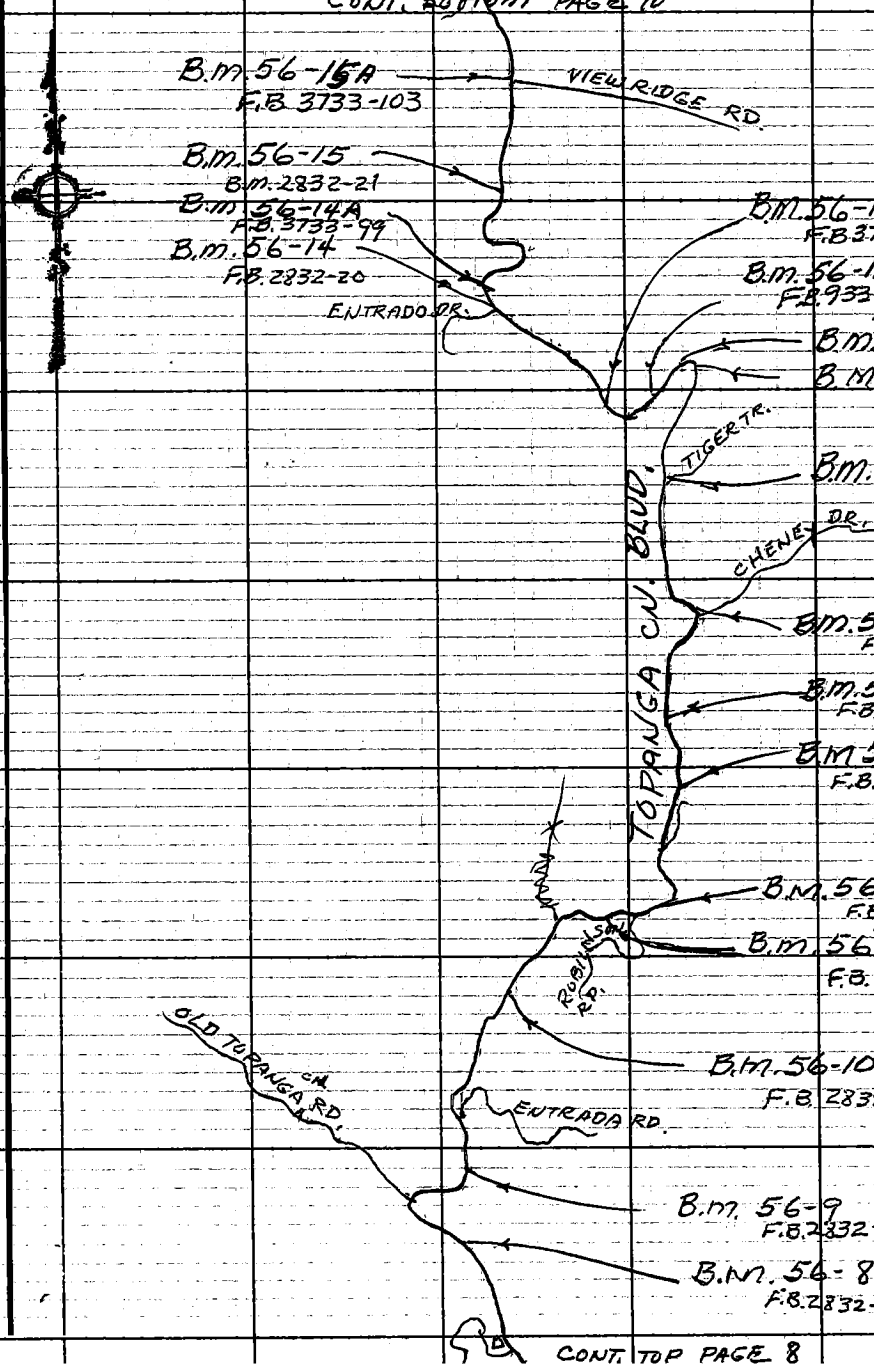
Notes Ck'd by	Survey of LACo PRECISE LEVEL NET
Map No.	JN Q301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date OCT 1971
Date	Indexed T. M. PALMERI NOV 2 4 '7

F. B. 4121 PG. 9

ROUTE SKETCH, LINE 56 1971 RE-LEVELING

CONT. BOTTOM PAGE 10



CONT. TOP PAGE 8

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76F309S CE#310 3-68

F. B. 4121 PG 10

ROUTE SKETCH LINE 56
1971 RELEVELING

B.M. 56-23
F.B. 2832-30

VENTURA FRWY.

VENTURA BLVD.

B.M. 56-22
F.B. 2832-29

MARTINEZ ST.

B.M. 56-21A
F.B. 3733-125

DUMETZ RD.

B.M. 56-20A
F.B. 3733-123

B.M. 56-19B
F.B. 3733-121

DE LA LUZ

TOPANGA CN. BLVD.

B.M. 56-19 & 19A
F.B. 2832-26

CEZANNE AV.

MULLHOLLAND DR.

B.M. 56-18B

B.M. 56-18A

B.M. 56-17C
F.B. 3733-111

B.M. 56-17B
F.B. 3733-109

B.M. 56-17A
F.B. 3733-107

L.A. CITY
L.A. CO.

WOODLAND CREST DR.

B.M. 56-16
F.B.

B.M. 56-15B
F.B. 3733-104

MULLHOLLAND Hwy

CONT. TOP PAGE 9

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY SIEMANN G.E. Dreier DATE 10-19-71 WEATHER LT. BREEZE INST. NO 96716
NOTES BY T. M. PALMERI DATE NOV 24 71 TIME 1:10 To ROD NO 95 & 96
INDEXED NOTES CHKD DATE

T-70 F.B. 4121 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	145	242	446 5	147 143 4	144	390	445 5	171 117 54	54 M- 4 M= 50 M=0.20 mm
2	149	540	450 5	151 147 4	150	371	451 5	177 123 54	54 M- 4 M= 50 M=0.20 mm
	294782			8	294761			108	
	294721					0.40 mm		8	
	+	0.61			-0.	mm			Curvature Corr.=0.40 mm
						721		100	
		+ 0.006		mm= "C"					
	100/	0.61							
								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 SIEMANN DATE 10-20-71 WEATHER CLEAR INST. NO. 96716

INDEXED T. M. PALMER DATE NOV 24 '71 TIME 9:15 TO 9:20 ROD NO. 95696

NOTES CHKD DATE

T-66°

F.B. 4121 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	149	760	450 5	151 147 4	146	943	447 5	173 119 54	54 M- 4 M= 50 M=0.20 mm
2	147	441	448 5	149 145 4	150	274	451 5	177 123 54	54 M- 4 M= 50 M=0.20 mm
	297	201		8	297	217		108	
	297	172				0.40 mm		8	Curvature Corr.=0.40 mm
	+	0.24			~~-0.~~	~~mm~~			
					297	177		100	
					-				
		+	0.002	mm= "C"					
	100		0.24						
							mm= "C"		

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-68

SURVEY BY G.E. DREIER DATE 10-21-71 WEATHER HAZY SUN INST. NO 96716

NOTES BY SIEMANN TIME 9:00 TO 9:10 ROD NO. 95896

INDEXED T. M. PALMERI DATE NOV 24 71 NOTES CHKD DATE

F.B. 4121 PG. 15

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
			DETERMINATION OF "C"						
	NEAR	ROD			FAR	ROD			
1	145	850	446 5	147 143 4	143	117	444 5	170 116 54	54M. - 4M. = 50 M = 0.20 MM
2	148	727	449 5	150 146 4	151	548	452 5	178 124 54	54M. - 4M. = 50M. = 0.20 MM.
	294	577		8	294	665		108	
						- 040		8	CUR: CORR. = 0.40 M.M.
					294	625		100	
					294	577			
						- 0.48 mm			
						- 0.005 M.M. = "C"			
					100)	0.48			

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 64°
SURVEY BY G.E. DREIER DATE 10-26-71 WEATHER OVERCAST INST. NO. 96716 F.B. 4121 PG. 17
NOTES BY SIEMANN TIME 8:45 TO 855 ROD NO. 95896
INDEXED T. M. PALMERI DATE NOV 24 NOTES CHKD DATE

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS From ____ To ____
			DETERMINATION OF "C"										
1	150	409	451	5	152 148	4	201	779	502	5	2-2-8 174	54	54 M. - 4 M. = 50 M. = 0.20 MM
2	150	100	151	5	152 148	4	98	717	399	5	25 71	54	54 M. - 4 M. = 50 M = 0.20 MM
	300	509					300	496				108	
	300	456				8	-	040				8	CUR. CORR. = 0.40 MM.
		053 mm					300	456				100	
			0.005										
		+	[redacted] M.M. = "C"										
		100)	0.53										

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. K. Dreier DATE 10-27-71 WEATHER Overcast INST. NO. 96716
NOTES BY Waldemardo TIME 9:10 ROD NO. 93896
INDEXED T. M. PALMERN DATE NOV 24 71 NOTES CHKD DATE

T-6B

F.B. 4121 PG. 19

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				Determination of "C"					
		Near Rod				Far Rod.			
1	155	111	4565	157 153 4	110	959	4115	137 83 54	54 M − 4 M = 50 M = 0.20 mm
2	156	920	4575	158 154 4	201	170	5025	228 174 54	54 M − 4 M = 50 M = 0.20 mm
				8				108 8 100	Curvature Corr = 0.40 mm
	312	131			312	129			
	312	089				0.40 mm			
		042 mm			312	089			
				" "					
		−0.004 mm = C							
		100) 0.42							

76P526B CE # 308 8/68

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

SURVEY BY G.E. DREIER DATE 11-28-71 WEATHER CLOUDY INST. NO 96716

NOTES BY SIEMANN TIME 9:00 TO 9:10 ROD NO 25896

INDEXED T. M. PALMERI DATE NOV 24 71 NOTES CHKD DATE

F.B. 4121 PG. 21

T = 58°

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"								
											54 M. - 4 M. = 50 M. = 0.20 MM
1	136	428	437	5	138 134	4	149	420	450	5	136 122 54
											54 M - 4 M = 50 M = 0.20 MM
2	134	641	435	5	136 132	4	121	722	422	5	148 94 54
	271	069				8	271	142			108 CURVATURE CORR. = 0.40 MM
							-	040	CUR. CORR.		8
							271	102			100
							271	069			
								033 MM			
							-	0.003 M.M. = "C"			
							100	0.33			

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 Maldonado DATE 10-29-71 WEATHER Sunny & Calm
INDEXED T. M PALMERI DATE NOV 2 & 71 TIME 9:15 NOTES CHKD. DATE
INST. NO. 96716 ROD NO. 95496
F.B. 4121 PG. 23

T-60°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				DETERMINATION of "C"					
	Near Rod				Far Rod				
				162				157	
1	160	708	461 5	158 4	130	810	431 5	103 54	54M - 4M = 50M = 0.20 mm
				154				209	
2	152	938	453 5	150 4	182	890	483 5	155 54	54M - 4M = 50M = 0.20 mm
				8				108	
								8	Curvature Corr = 0.40 mm
	313	646			313	700		100	
						0.40 mm			
					313	660			
					313	646			
						0.14 mm			
								mm "C"	
							-0.001	= C	
						100)	0.140		

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T= 72° F.B. 4121 PG. 25
SURVEY BY G.E. DREIER WEATHER SUNNY, CLEAR INST. NO. 96716
NOTES BY SIEMANN DATE 11-1-71 TIME 10:00 TO 10:10 ROD NO. 95896
INDEXED T. M. PALMERI DATE NOV 24 '71 NOTES CHKD ____ DATE ____

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM ____ TO ____
	DETERMINATION OF "C"												
1	148	168	449	5	150 146	4	99	440	400	5	126 72	54	54 M. - 4 M. = 50 M. = 0.20 MM.
2	161	512	462	5	163 159	4	210	263	511	5	237 183	54	54 M. - 4 M. = 50 M. = 0.20 MM.
	309	680					309	703				108	
	309	663				8	-	040				8	CURV. CORR. = 0.40 M.M
		0.17 mm					309	663				100	

100) 0.17 = + 0.002 mm = "C"

76P526B CE # 308 8/68

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

SURVEY BY G.E. DREIER DATE 11-2-74 WEATHER SUNNY, CLEAR INST. NO. 96716

NOTES BY SIEMANN TIME 9:40 TO 9:50 ROD NO. 95E96

INDEXED T. M. PALMERI DATE NOV 24 74 NOTES CHKD DATE

F.B. 4121 PG. 27

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
1	143	662	444 5	145 141 4	131	019	432 5	138 104 54	54M. - 4M. = 50M. = 0.20MM
2	153	960	454 5	155 151 4	166	600	467 5	193 139 54	54M - 4M. = 50M. = 0.20 MM
	297	622		8	297	619		108	
	297	579			-	0.40	mm	8	CURVATURE CORR. = 0.40 M.
		0.43	mm		297	579		100	
		+0.004	MM. = "C"						
	100)	0.430							

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 Maldonado DATE 11-3-71
INDEXED T. M. PALMERI DATE NOV 24 71
WEATHER Sunny
TIME 9:20
NOTES CHKD
DATE
INST. NO 96716
ROD NO 95896
F.B. 4121 PG. 29
T-80°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			Determination of "C"						
1	163	061	464 5	165 161 4	189	098	490 5	216 162 54	54M - 4M = 50M = 0.20mm
2	151	319	452 5	153 149 4	125	341	426 5	152 98 54	54M - 4M = 50M = 0.20mm
				8				108	Curvature Corr. = 0.40mm
	314	380			314	439			
						0.40 mm			
					314	399			
					314	380			
						0.19 mm			
						- 0.002 mm			
						- ~~.009~~ = "C"			
					100	0.19			

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 Maldonado DATE 11-4-71
INDEXED J. M. PALMERI DATE NOV 24 '71
WEATHER Sunny & Clear
TIME 10:00
NOTES CHKD
DATE
INST. NO. 96716
ROD NO. 95E94
F.B. 4121 PG. 31
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	161	427	462 5	163 / 159 4	162	296	463 5	189 / 135 54	54 M- 4 M=50 M-0.20 mm
2	164	340	465 5	166 / 162 4	163	519	464 5	190 / 136 54	54 M- 4 M=50 M=0.20 mm
	325	767		8	325	815		108	
	+					0.40 mm			Curvature Corr.=0.40 mm
						~~0. mm~~			
						325 775			
						325 767			
						- 0.08 mm.			
				mm= "C"					
	/								
						- 0.001			
						~~0.001~~			
						~~.001~~ mm= "C"			
					100 /	0.080			

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 Maldonado DATE 11-5-71 WEATHER Hazy Sun INST. NO. 96716
INDEXED T. M. PALMERI DATE NOV 24 '71 TIME 1: ROD NO. 95896
NOTES CHKD DATE

F.B. 4121 PG. 33

T-74

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	946	458 5	159 155 4	182	487	483 5	209 155 54	54 M- ~~50~~ 4 M= ~~50~~ M-0.20 mm
2	153	923	454 5	155 151 4	129	361	430 5	156 102 54	54 M- 4 M=50 M=0.20 mm
	311	869		8	311	848		108	
	311	808				040 mm		8	
	+	0.61			-0. mm				Curvature Corr.=0.40 mm
					311	808		100	
					-				
	+0.006			mm= "C"					
	1001	0.61							
							mm= "C"		

76P526B CE # 308 8/68

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-8-71

INDEXED I. M. PALMERI DATE NOV 24 '71

WEATHER Hazy Sun INST. NO. 96716

TIME 9:20 ROD NO. 85296

NOTES CHKD DATE

T-68°

F.B. 4121 PG. 35

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			
				147				128	
1	145	075	446 5	143 4	101	420	402 5	74 54	54 M-~~50~~ 4 M=50 M-0.20 mm
				160				228	
2	158	145	459 5	156 4	201	720	502 5	174 54	54 M- 4 M=50 M=0.20 mm
	303	220		8	303	140		108	
	303	100				040 mm		8	
	+	120 mm			-0. mm				Curvature Corr.=0.40 mm
					303	100		100	
					-				

+0.012 mm= "C"

100 | 1.200
100
200

mm= "C"

76P526B CE # 308 8/68

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 11-9-71

INDEXED T. M. PALMERI DATE NOV 24 '71

WEATHER Hazy Sun

TIME 9:15

NOTES CHKD.

INST. NO. 96716

ROD NO. 95 & 96

DATE

F.B. 4121 PG. 37

T-75-0

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			
				149				122	
1	147	755	448 5	145 4	95	585	396 5	68 54	54 M- 4 M= 50 M-0.20 mm
				169				246	
2	167	405	468 5	165 4	219	550	520 5	192 54	54 M- 4 M= 50 M=0.20 mm
	315	160		8	315	135		108	
	315	095				040 mm		8	
	+	0.65			-0. mm				Curvature Corr.=0.40 mm
					315	095		100	
					-				

0.006

+ ~~.001~~ mm= "C"

100 / 0.65

mm= "C"

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY SUEMANN DATE 11-10-71 WEATHER HAZY SUN INST. NO. 96716
INDEXED J. M. PALMERI DATE NOV 24 71 NOTES CHKD. DATE TIME 9:15 TO 9:25 ROD NO. 95896
T = 64°
F.B. 4121 PG. 39

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	177	452 5	153 149 4	165	539	466 5	172 138 54	54 M- 4 M= 50 M-0.20 mm
2	148	270	449 5	150 146 4	133	984	434 5	160 106 54	54 M- 4 M= 50 M=0.20 mm
	299	447			299	523		108	
				8		-040 mm		8	
	+					~~-0. mm~~			Curvature Corr.=0.40 mm
					299	483		100	
					299	447			
					-	036			
				mm= "C"					
	/								
						-0.0004		mm= "C"	
					100/	.036			

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=60°
SURVEY BY G.E. DREIER WEATHER PART CLOUDY INST. NO. 96716
NOTES BY SIEMANN DATE 11-11-71 TIME 8:45 ROD NO. 95 & 96
INDEXED T. M. PALMERI DATE NOV 24 '71 NOTES CHKD. DATE
F.B. 4121 PG. 41

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	367	454 5	155 151 4	167	799	468 5	194 140 54	54M- 4 M= 50M-0.20 mm
2	150	480	451 5	152 148 4	136	149	437 5	163 109 54	54M- 4 M= 50 M=0.20 mm
	303	847		8	303	948		108	
						0.40 mm			
	+				~~-0.~~	mm		-8	Curvature Corr.=0.40 mm
					303	908		100	
					303	847			
					-	0.61 mm			
				mm= "C"					
					-	0.006	mm= "C"		
					100/	0.61			

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 GE DREIER DATE 11-12-71 WEATHER PTLY CLOUDY INST. NO 96716
NOTES BY SIEMANN TIME 9:40 TO 9:50 ROD NO 95496
INDEXED T. M. PALMER DATE NOV 24 71 NOTES CHKD DATE
T= 54 F.B. 4121 PG. 43

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	154	557	455 5	156 152 4	101	041	402 5	128 74 54	54 M- 4 M= 50 M-0.20 mm
2	167	349	468 5	169 165 4	220	966	521 5	247 193 54	54 M- 4 M= 50 M=0.20 mm
	321	906			322	007		108	
						040 mm		8	
	+	6			-0.	mm			Curvature Corr.=0.40 mm
					321	967		100	
					321	906			
					-	061			
				mm= "C"					
						-0.006 mm= "C"			
					100/	061			

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 10-19-71 WEATHER LT. BREEZE INST. NO. 96716

NOTES BY SIEMANN TIME 1:15 TO 1:45 ROD NO. 95896

INDEXED T.M. PALMERI DATE NOV 24 71 NOTES CHKD BLANCHARD DATE DEC 1 71

F.B. 4121 PG. 45

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. 48-64A TO B.M. 48-63
B.M. 48-64A													B.M. 48-64A (TOPANGA CNTY A-8)
1	107	670	408	5	128 86	42	157	644	458	5	179 135	44	PACIFIC COAST HWY. OPP. HO. #19110.
													SEE F.B. 3729-7
2	153	982	454	5	184 122	62	129	418	430	5	159 99	60	
						104						104	
3	175	591	476	5	206 144	62	90	297	391	5	121 59	62	
						166						166	
4	240	281	541	5	273 207	66	172	918	473	5	205 139	66	
						232						232	
5	121	909	422	5	153 89	64	87	101	388	5	120 54	66	T = MALDONADO
						296						298	
6	298	120	599	5	298 272	52	78	311	379	5	104 52	52	
						348						350	
7	154	040	455	5	184 124	60	241	922	542	5	270 212	58	
						408						408	
8	151	512	452	5	153 149	4	182	882	483	5	185 179	6	
						412 ✓						414 ✓	
												412	B.M. 48-63
B.M. 48-63													
	403	105 ✓					140	493 ✓				826	PACIFIC COAST HWY. & TOPANGA CR.
	140	493											SEE F.B. 1369-52
	+262	612 ✓											

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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. 48-63 TO B.M. 48-64A
B.M. 48-63									B.M. 48-63 (TOPANGA CN C-8A)
1	263	399	564 5	297 229 68	221	069	522 5	257 185 72	PACIFIC COAST HWY. & TOPANGA CR
									SEE F.B 1369-52
2	38	088	339 5	68 8 60	257	591	558 5	285 229 56	
				128				128	
3	182	498	483 5	218 146 72	108	777	409 5	142 74 68	
				200				196	
4	81	019	382 5	116 46 70	255	282	556 5	291 219 72	T = MALDONADO
				270				268	
5	129	581	430 5	165 93 72	152	797	453 5	187 117 70	
				342				338	
6	153	257	454 5	182 124 58	115	370	416 5	148 82 66	
				400				404	
B.M. 48-64A								400	B.M. 48-64-A (TOPANGA CN. A-8)
	847	842			110	886		804	PACIFIC COAST HWY. & HO. #19110
					847	842			SEE F.B. 3729-7
					-263	044			

T = 74°

WEATHER HAZY SUN INST. NO. 96716

TIME 10:00 TO 10:30 ROD NO. 95496

NOTES CHK'D BLANCHARD DATE 1 '71

F.B. 4121 PG. 46 JOB NO. 0301.02

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

SURVEY BY DREIER NOTES SIEMANN 10-21-71

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 48-64A TO B.M. 48-63
M.48-64A													B.M. 48-64A (TOPANGA CN. A-8)
1	108	464	409	5	146 70	76	142	359	443	5	180 104	76	PACIFIC COAST HWY. & HO. # 19110
													SEE F.B. 3729-7
2	155	780	456	5	192 118	74	79	341	380	5	177 41	76	
						150						152	
3	243	362	544	5	280 206	74	149	101	450	5	185 113	72	
						224						224	RE RUN
4	110	528	411	5	146 74	72	89	600	390	5	123 55	68	T = MALOONADO
						296						292	
5	298	884	599	5	298 271	54	80	487	381	5	107 53	54	
						350						346	
6	144	757	445	5	174 114	60	258	018	559	5	290 226	64	
						410						410	
M.48-63												410	B.M. 48-63 (TOPANGA CN. C-8A)
	1061	775					798	906				820	PACIFIC COAST HWY. & TOPANGA CREEK
	798	906											SEE F.B. 1369-52
+	262	869											

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN

INDEXED T. M. PALMERI

DATE 10-21-71

DATE NOV 24 '71

WEATHER HAZY SUN

TIME 10:40 TO 12:00

NOTES CHKD BLANCHARD

INST. NO. 96716

ROD NO. 95896

DATE DEC 1 '71

T = 74°

F.B. 4121 PG. 47

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4121 PG. 48 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DEEIEE NOTES SIEMANN 10-21-71

INDEXED T. M. PALMERI DATE

WEATHER HAZY. SUN INST. NO. 96716

TIME 1:20 TO 1:45 ROD NO. 95696

NOTES CHKD BLANCHARD DATE 1 '71

T = 72°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 48-63 TO B.M. 48-64A
B.M. 48-63													B.M. 48-63 (TOPANGA CN. C-8A)
1	240	543	541	5	285 195	90	266	317	567	5	266 223	86	PACIFIC COAST HWY. & TOPANGA CREEK
													SEE F.B. 1369-52
2	3	097	304	5	38 3	70	117	278	418	5	152 82	70	
						160						156	
3	190	329	491	5	225 155	70	202	717	503	5	237 167	70	
						230						226	RERUN
4	39	865	340	5	73 5	68	189	765	490	5	223 155	68	T = MALDONADO
						298						294	
5	156	539	457	5	191 121	70	151	226	452	5	185 117	68	
						368						362	
6	175	529	476	5	191 159	32	141	517	442	5	161 121	40	
						400						402	
B.M. 48-64A												400	B.M. 48-64A (TOPANGA CN. A-8)
	805	902					068	820				802	PACIFIC COAST HWY & HO# 19110
							805	902					SEE F.B. 3729-7
							- 262	918					

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T = 72° F.B. 4121 PG. 49

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

NOTES BY SIEMANN DATE 10-19-71 TIME 1:50 TO 1:55 ROD NO. 95896

INDEXED T. M. PALMERI DATE NOV 24 '71 NOTES CHKD BLANCHARD DATE DEC. 1 '71

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 48-63 TO B.M. 48-62
M.48-63				185				185	B.M. 48-63 (TOPANGA CNY C-8A)
1	172	339	473	159 26	171	398	472.5	157 28	PACIFIC COAST HWY & TOPANGA CR.
									SEE F.B. 1369-52
	171	398						26	
	+ 0941							54	π = MALDONADO
B.M. 48-62									B.M. 48-62 (U.S.C.&G.S. P.99 1937 RESET)
									PACIFIC COAST HWY. & TOPANGA CR.
									SEE F.B. 1369-52

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 48-62 TO B.M. 48-63
B.M. 48-62													B.M. 48-62 (U.S.C.&G.S. P-99 RESET 1933)
	158	731	495	5	172 144	28	159	643	460	5	173 145	28	PACIFIC COAST HWY. & TOPANGA CR.
1													SEE F.B. 1369-52
							158	731				28	
													T = MALDONADO
B.M. 48-63							- 0912					56	B.M. 48-63 (TOPANGA CREEK C-8A,
													PACIFIC COAST HWY. & TOPANGA CR
													SEE F.B. 1369-52

T = 72°

WEATHER HAZY SUN INST. NO 96716

TIME 10:35 TO 10:45 ROD NO 95496

NOTES CHKD BLANCHARD DATE DEC 1 71

F.B. 4121 PG. 50 JOB NO 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREER NOTES SIEMANN 10-21-71

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 10-19-71
INDEXED T. M. PALMERI DATE NOV 24 71
WEATHER LT. BREEZE
TIME 1:55 TO
NOTES CHKD. BLANCHARD DATE OCT. 1 71
INST. NO 96716
ROD NO. 95896
F.B. 4121 PG. 51
T = 72°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 48-62 TO B.M. 56-1A
B.M. 48-62									B.M. 48-62 (U.S.C.&G.S. P-99 RESET 1733)
1	168	591	469 5	181 155 26	150	840	451 5	164 136 28	PACIFIC COAST HWY. & TOPANGA CR.
									SEE F.B. 1369-52
2	235	083	536 5	267 203 64	61	508	362 5	92 30 62	
				90				90	π = MALDONADO
3	270	992	571 5	303 237 66	144	777	445 5	177 111 66	
				156				156	
B.M. 56-1A			5				5	156	B.M. 56-1A (TOPANGA CANYON C-8)
	674	666			357	125		312	PACIFIC COAST HWY. & TOPANGA CN. BLVD
	357	125							SEE F.B. 930-56
+	317	541							
			Rerun 10-21-71 1:55 TO 2:10						T = 72° HAZY SUN
B.M. 48-62									
1	164	649	465 5	186 144 42	99	131	400 5	120 78 42	
2	232	883	533 5	264 200 64	35	098	336 5	68 2 66	RERUN
				106				108	
3	219	981	520 5	244 194 50	165	781	466 5	187 143 44	
				156				152	
B.M. ~~48~~ 56-1A								156	
	617	513			300	010		308	
	300	010							
+	317	503							

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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. 56-1A TO B.M. 48-62
B.M. 56-1									B.M. 56-1A (TOPANGA CN. C-8)
1	163	339	464 5	194 132 62	262	841	563 5	294 230 64	PACIFIC COAST HWY. & TOPANGA CN. BLVD
									SEE F.B. 930-56
2	29	259	330 5	64 29 70	232	319	533 5	267 197 70	
				132				134	π = MALDONADO
3	154	630	455 5	164 144 20	169	889	470 5	180 158 22	
				152				156	
B.M. 48-62								152	B.M. 48-62 (U.S.C. & G.S. P-99 RESET 1933)
	347	228			665	049		308	PACIFIC COAST HWY. & TOPANGA CR.
					347	228			SEE F.B. 1369-52
				-	317	821			
	RERUN 10-21-71 2:10 TO 2:25 T= 72° LT. BREEZE								
B.M. 56-1A									
1	140	242	441 5	175 105 70	273	500	574 5	309 239 70	
									RERUN
2	52	190	353 5	82 22 60	214	279	515 5	244 184 60	
				130				130	
3	136	351	437 5	152 120 32	158	630	459 5	173 143 30	
				162				160	
B.M. 48-62								162	
	328	783			646	409		322	
					328	783			
					317	626			

T = 72°

WEATHER HAZY SUN INST. NO. 96716

TIME 10:25 TO 10:35 ROD NO. 95496

NOTES CHKD. BLANCHARD DATE DEC 1 '71

F.B. 4121 PG. 52

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-21-71

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DEELER
NOTES BY SIEMANN
INDEXED T. M. PALMERI
DATE 10-19-71
DATE NOV 24 '71
WEATHER T. WIND
TIME 2:10 TO
NOTES CHKD. BLANCHARD
DATE DEC 1 '71
ROD NO. 95496
INST. NO. 96716
F.B. 4121 PG. 53

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 56-1A TO B.M. E6-1
B.M. 56-1A													B.M. 56-1A (TOPANGA CNY. C-8)
1	279	034	580	5	301 257	44	112	262	413	5	133 91	42	PACIFIC COAST HWY. & TOPANGA CNY. BLVD.
													SEE F.B. 930-56
2	290	318	591	5	290 268	44	15	282	316	5	131 15	42	
						88						84	
3	236	301	537	5	267 205	62	123	593	424	5	155 91	64	
						150						148	
4	206	098	507	5	240 172	68	38	358	339	5	72 4	68	
						218						216	
5	220	350	521	5	248 192	56	98	992	392	5	119 63	56	
						274						272	π = MALDONADO
6	264	732	565	5	292 236	56	118	774	419	5	145 91	54	
						330						326	
7	149	809	450	5	178 120	58	137	822	438	5	166 108	58	
						388						384	
8	138	950	439	5	169 107	62	66	431	367	5	96 36	60	
						450						444	
9	191	940	492	5	208 174	34	60	921	361	5	80 40	40	
						484						484	
10	164	819	465	5	170 158	12	119	182	420	5	125 113	12	
						496						496	
												496	B.M. 56-1 (L.A.C.F.C.D. 117-F1)
B.M. 56-1												992	TOPANGA CN. BLVD. & BROOKSIDE DR.
	2142351						484617						SEE F.B. 2832-7
	-984617												
	+957734												
	12												

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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. 56-1 TO B.M. 56-1A
B.M. 56-1									B.M. 56-1 (L.A.C.F.C.D. 117-F1)
1	45	319	346 5	76 14 62	269	030	570 5	302 236 66	TOPANGA CN. BLVD. & BROOKSIDE DR.
									SEE F.B. 2832-7
2	109	002	410 5	147 71 76	148	852	449 5	186 110 76	
				138				142	
3	127	960	428 5	162 92 70	208	892	509 5	244 172 72	
				208				214	
4	35	974	336 5	70 0 70	228	218	529 5	260 196 64	
				278				278	
5	47	179	348 5	77 17 60	240	266	541 5	269 211 58	$\bar{X}$ = MALDONADO
				338				336	
6	156	168	457 5	193 119 74	204	367	505 5	239 169 70	
				412				406	
7	33	494	334 5	49 17 32	275	028	576 5	294 256 38	
				444				444	
8	48	029	349 5	74 22 52	286	722	587 5	286 260 52	
				496				496	
B.M. 56-1A								496	B.M. 56-1A (TOPANGA CN C-8)
	603	125						992	PACIFIC COAST HWY. & TOPANGA CN. BL
					1861	375			SEE F.B. 930-56
					603	125			
					1258	250			

T = 68°

WEATHER CLEAR INST. NO. 96716

TIME 9:45 TO 10:25 ROD NO. 95491

NOTES CHKD BLANCHARD DATE 1 '71

F.B. 4121 PG. 54 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-21-71

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DEEIER DATE 10-21-71 WEATHER LT. BREEZE INST. NO. 96716
NOTES BY SIEMANN TIME 2:40 TO 3:20 ROD NO. 95896
INDEXED T.M. PALMERI DATE NOV 24 '71 NOTES CHKD BLANCHARD DATE DEC 1 '71
T= 76°
F.B. 4121 PG. 55

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 56-1A TO B.M. 56-1
.M.56-1A													B.M. 56-1A (TOPANGA CN. C-8)
1	289	699	590	5	289 263	54	44	769	345	5	70 18	52	PACIFIC COAST HWY. & TOPANGA CN. BLVD.
													SEE F.B. 930-56
2	301	970	602	5	301 282	38	57	573	358	5	76 38	38	
						92						90	
3	202	847	503	5	234 170	64	124	293	425	5	157 91	66	
						156						156	
4	205	025	506	5	237 173	64	37	177	338	5	70 4	66	RERUN
						220						222	
5	223	199	524	5	255 191	64	41	662	342	5	73 9	64	T = MALDONADO
						284						286	
6	204	132	505	5	236 172	64	126	153	427	5	158 94	64	
						348						350	
7	154	909	455	5	185 123	62	146	512	447	5	177 115	62	
						410						412	
8	219	550	520	5	246 192	54	48	521	349	5	75 21	54	
						464						466	
9	184	891	485	5	199 169	30	102	033	403	5	116 88	28	
						494						494	
.M.56-1												494	B.M. 56-1 (F.C. 117-F-1)
	1986	222					728	693				988	TOPANGA CN. BLVD. & BROOKSIDE DR.
													SEE F.B. 2832-7
	728	693											
+	1257	529											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4121 PG. 56 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY REEIE NOTES SIEMANN 10-26-71

INDEXED T. M. PALMER DATE

T = 64°

WEATHER OVERCAST INST. NO. 96716

TIME 9:35 TO ROD NO. 25594

NOTES CHKD. BLANCHARD DATE DEC 1 '71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 56-1 TO B.M. 56-1A
B.M. 56-1									B.M. 56-1 (L.A.C.F.C.D. ~~E~~ 117-F-1)
1	62	130	363	5	246	333	547	5	TOPANGA CN. BLVD. & BROOKSIDE DR.
				90 34 56				274 218 56	SEE F.B. 2832-7
2	93	080	394	5	148	281	449	5	
				126 60 66				180 116 64	
				122				120	
3	122	650	423	5	168	188	469	5	
				156 88 68				202 134 68	
				190				188	
4	57	289	358	5	272	206	573	5	
				93 21 72				308 236 72	
				262				260	
5	48	308	349	5	219	022	520	5	RERUN
				81 15 66				251 187 64	
				328				324	T = MALDONADO
6	115	092	416	5	200	268	501	5	
				151 79 72				236 164 ~~73~~	
				400				396	
7	44	401	345	5	248	250	549	5	
				62 26 36				266 230 36	
				436				432	
8	23	731	324	5	197	561	498	5	
				40 6 34				216 178 38	
				470				470	
9	123	666	424	5	248	323	549	5	
				136 110 26				262 234 28	
				496				498	
B.M. 56-1A								496	B.M. 56-1A (TOPANGA CN. C-8)
	690	347						994	PACIFIC COAST HWY & TOPANGA CN. BLVD.
					948	432			SEE F.B. 930-56
					690	347			
					- 258	085			

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 10-26-71
INDEXED T. M. PALMERI DATE NOV 24 71
WEATHER OVERCAST INST. NO 96716
TIME 10:30 to 11:10 ROD NO 95 & 96
NOTES CHKD BLANCHARD DATE DEC 1 71
F.B. 4121 PG. 57
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. 56-1A TO B.M. 56-1
M.56-1A													B.M. 56-1A (TOPANGA CN. C-8)
1	285	377	586	5	1285 / 260	50	50	090	351	5	75 / 25	50	PACIFIC COAST HWY. & TOPANGA CN. BLVD.
													SEE F.B. 930-56
2	295	844	596	5	1295 / 275	40 / 90	34	209	335	5	54 / 14	40 / 90	
3	191	851	492	5	225 / 157	68 / 158	119	787	420	5	153 / 85	68 / 158	
4	211	569	512	5	245 / 177	68 / 226	32	108	333	5	66 / -2	64 / 222	2ND RERUN
5	225	278	526	5	254 / 196	58 / 284	56	760	357	5	85 / 27	58 / 280	π = MALDONADO
6	200	400	501	5	234 / 166	68 / 352	113	580	414	5	146 / 80	66 / 346	
7	142	542	443	5	176 / 108	68 / 420	151	442	452	5	184 / 118	66 / 412	
8	249	948	550	5	272 / 226	46 / 466	66	589	367	5	91 / 41	50 / 462	
9	176	797	477	5	188 / 164	24 / 490	97	248	398	5	113 / 83	30 / 492	
M.56-1												490	B.M. 56-1 (L.A. CFL 117-F-1)
	1979	606					721	813				982	TOPANGA CN. BLVD. & BROOKSIDE DR.
	721	813											SEE F.B 2832-7
	+1257	793											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 56-1 TO B.M. 56-1A
B.M. 56-1													B.M. 56-1 (L.A.C. F.C. 117-F-1)
1	57	893	358	5	86 28	58	245	322	546	5	275 215	60	TOPANGA CN. BLVD. & BROOKSIDE DR.
													SEE F.B. 2832-7
2	99	292	400	5	133 65	68	158	250	459	5	192 124	68	
						126						128	
3	112	611	413	5	146 78	68	185	298	486	5	219 151	68	
						194						196	2ND RERUN
4	66	143	367	5	101 31	70	257	807	558	5	292 222	70	
						264						266	
5	38	290	339	5	73 3	70	212	768	513	5	247 177	70	π = MALDONADO
						334						336	
6	113	900	414	5	147 79	68	201	608	502	5	236 166	70	
						402						406	
7	19	742	320	5	38 0	38	285	707	586	5	304 266	38	
						440						444	
8	64	345	365	5	89 39	50	283	420	584	5	306 260	46	
						490						490	
B.M. 56-1A												490	B.M. 56-1A (TOPANGA CN. C-8)
	57~~0~~2	216					1830	180				980	PACIFIC COAST HWY. & TOPANGA CN. BL
							57~~0~~2	216					SEE F.B. 930-56
							-1257	964					

T = 66°

WEATHER OVERCAST INST. NO. 9671

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

NOTES CHKD BLANCHARD DATE 1 '71

F.B. 4121 PG. 58 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-26-71

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM56-1 TO BM56-1B
M56-1					211						131		BM56-(L.A.C.F.C.D. 117-F1)
1	178	869	479	5	145	66	98	581	399	5	65	66	Topanga Cyn. Blvd & Brookside Dr.
					241						60		See F.B. 2832-7 75' S'ly. of Ho. # 3504
2	212	658	513	5	183	58	30	150	331	5	060	60	
					261	124					541	126	
3	230	681	531	5	199	62	22	521	323	5	22 2	62	
					269	186					119	188	K-Siemann
4	245	999	546	5	221	48	94	120	395	5	69	50	
					300 1/2	234					116	238	
5	300	080	601	5	277	46	94	146	395	5	72	44	
					242	280					101	282	
6	221	372	522	5	200	42	81	980	382	5	61	40	
					150	322					55	322	
7	148	869	449	5	146	4	53	850	354	5	51	4	
						326						326	
												326	
	1538	528					475	348				652	
	475	348											
	+1063	880											BM56-1B (Lg. Bt. SPK)
BM56-1B													Topanga Cyn. Blvd., Opposite Ho. # 3131
													See F.B. 3733-5

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. Dreier
NOTES BY Maldonado DATE 10-19-71
INDEXED J. M. PALMERI DATE NOV 24 '71
WEATHER Sunny & T-76°
TIME 2:55 to 3:30
NOTES CHKD BLANCHARD DATE DEC 1 '71
INST. NO. 96716
ROD NO. 95 & 96
F.B. 4121 PG. 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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM56-1B TO BM56-1
BM56-1B					28						210		BM56-1B (Lg. Bt. SPK.)
1	14	471	315	5	0	28	197	529	498	5	184	26	Topanga Cyn. Blvd. & Opposit
					81						215		Ho. # 3131.
2	60	431	361	5	39	42	195	801	496	5	175	40	See F.B. 3733-51
					39 1/2	70					234	66	
3	16	561	317	5	16 2	46	211	301	512	5	188	46	
					87	116					287	72	
4	63	860	364	5	39	48	260	600	561	5	233	54	T-Siemann
					89	164					282	166	
5	~~63~~ 61	638	362	5	33	56	253	292	554	5	224	58	
					104	220					234	224	
6	71	739	372	5	38	66	200	558	501	5	166	68	
					167	286					196	292	
7	147	110	448	5	127	40	180	120	481	5	164	32	
						326						324	
												326	
	43~~9~~ 5	810					1499	201				650	
							43~~9~~ 5	810					
							10~~59~~ 63	391					
BM56-1													BM56-1 (L.A.C.F.C.D. 117-F1)
													Topanga Cyn. Blvd. & Brookside Dr.
													±75' S'ly. of Ho. # 3504
													See F.B. 2832-7

T-62°

WEATHER Sunny & Calm INST. NO. 9671

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

NOTES CHKD BLANCHARD DATE 10-21-71

F.B. 4121 PG. 60 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 10-21-71

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 56-1 TO B.M. 56-1C
B.M. 56-1													B.M. 56-1 (L.A.C.F.C.D. 117-F-1)
1	166	609	467	5	186 146	40	127	487	428	5	147 107	40	TOPANGA CN. BLVD. & BROOKSIDE DR.
													SEE F.B. 2832-7
2	288	229	589	5	292 284	8	13	270	314	5	17 9	8	
						48						48	
3	120	801	421	5	123 117	4	135	171	436	5	138 132	6	⊼ = MALDONADO
						52						54	
B.M. 56-1C												52	B.M. 56-1C (U.S.C.&G.S. W-1135)
	575	639					275	928				106	TOPANGA CN. BLVD. & ELKHORN SUBSTA.
	275	928											SEE F.B. 3733-50
	299	711											

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 10-29-71

INDEXED I. M. PALMERI DATE NOV 24 71

WEATHER LT. BREEZE INST. NO. 96716

TIME 9:55 TO 10:05 ROD NO. 95&9

NOTES CHKD BLANCHARD DATE DEC 1 71

T = 62°

F.B. 4121 PG. 61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 56-1C TO B.M. 56-1
B.M. 56-1C													B.M. 56-1C (U.S.C. & G.S. W-1135)
1	135	527	436	5	138 132	6	119	602	420	5	121 117	4	TOPANGA CN. BLVD. & ELKHORN SUBST.
													SEE F.B. 3733 - 50
2	13	134	314	5	18 8	10	293	577	594	5	298 288	10	
						16						14	π ≡ MALDONADO
3	132	511	433	5	149 115	34	167	638	468	5	185 149	36	
						50						50	
B.M. 56-1												50	B.M. 56-1 (L.A.C.F.C.D. 117-F-1)
	281	172					580	817				100	TOPANGA CN. BLVD. & BROOKSIDE DR.
							281	172					SEE F.B. 2832-7
							299	645					

F.B. 4121 PG. 62 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-29-71

INDEXED T. M. PALMERI DATE

WEATHER LT. BREEZE INST. NO. 96716

TIME 11:15 TO 11:20 ROD NO. 95[illegible]

NOTES CHKD BLANCHARD DATE DEC 1 '71

T = 62°

76P526B CE # 308 8/68

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

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 62°
SURVEY BY G.E. DREIER WEATHER SUNNY, CLEAR INST. NO 76716
NOTES BY SIE MANN DATE 10-29-71 TIME 10:05 TO 10:40 ROD NO 95596
INDEXED L. M. PALMERI DATE NOV 24 71 NOTES CHKD. BLANCHARD DATE DEC 1 71
F.B. 4121 PG. 63

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 56-1C TO B.M. 56-1B
B.M-56-1C							5						B.M. 56-1C (U.S.C&G.S. W-1135)
1	134	370	435	5	137 131	6	118	617	419	5	121 115	6	TOPANGA CN. BLVD. & ELKHORN SUB STA.
													SEE F.B. 3733-50
2	12	917	313	5	17 7	10	289	570	590	5	294 284	10	
						16						16	
3	162	982	463	5	189 135	54	82	707	383	5	108 56	52	
						70						68	
4	267	718	568	5	291 243	48	99	743	400	5	125 73	52	T= MALDONADO
						118						120	
5	265	250	566	5	296 234	62	24	100	325	5	156 24	64	
						180						184	
6	225	560	526	5	249 201	48	78	087	379	5	102 54	48	
						228						232	
7	252	392	553	5	268 236	32	89	040	390	5	106 72	34	
						260						266	
8	167	464	468	5	182 152	30	70	462	371	5	82 58	24	
						290						290	
9	180	832	481	5	186 174	12	53	760	354	5	59 47	12	
						302						302	
B.M. 56-1B												302	B.M. 56-1B
	1669	485					906	086				604	TOPANGA CN. BLVD. & HO# 3131
	906	086											SEE F.B. 3733-51
	+763	399											

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. 56-1B TO B.M. 56-1C
B.M. 56-1B													B.M. 56-1B
1	35	048	336	5	45 25	20	197	735	498	5	207 187	20	TOPANGA CN. RD. OPP. HO. # 3131
													SEE F.B. 3733-51
2	76	309	377	5	102 50	52	242	291	543	5	269 215	54	
						72						74	
3	14	111	315	5	½ 46 14	64	257	099	558	5	289 225	64	
						136						138	
4	26	467	327	5	55 -3	58	234	342	535	5	262 206	56	T = MALDONADO
						194						194	
5	51	113	352	5	82 20	62	248	289	549	5	278 218	60	
						256						254	
6	124	428	425	5	139 109	30	170	280	471	5	186 154	32	
						286						286	
7	2 ~~1~~89	568	590	5	294 284	10	14	373	315	5	19 9	10	
						296						296	
8	115	950	416	5	118 112	6	131	867	432	5	134 128	6	
						302						302	
B.M. 56-1C												302	B.M. 56-1C (U.S.C.&G.S. W-1135)
	~~6~~32	994					1496	276				604	TOPANGA CN. BLVD. & ELKHORN SUBSTA
	7						~~6~~32	994					SEE F.B. 3733-50
							- ~~863~~	~~882~~					
							763	282					

T = 64°

WEATHER SUNNY, CLEAR INST. NO. 9671

TIME 10:45 TO ROD NO. 9579

NOTES CHKD BLANCHARD DATE DEC 1 71

F.B. 4121 PG. 64 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-29-71

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreier DATE 10-20-71 WEATHER Sunny (Cal) INST. NO. 96716

NOTES BY Maldonado TIME 9:25 to 4:50 ROD NO. 85696

INDEXED T. M. PALMERI DATE NOV 24 71 NOTES CHKD BLANCHARD DATE OCT 1 71

F.B. 4121 PG. 65

7-66

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													FROM BM 56-1B TO 56-2
BM 56-1B					184		54				65		BM 56-1B (Lg. Bf. Spk.) #
1	173	130	474	5	162	22	44 279	355	5		43	22	Topanga Cyn. Blvd. & House 3131 # (opposite)
					298						60		
2	298	958	599	5	278 2	40	40	593	341	5	20	40	See F.B. 3733-51
					306	62					99	62	
3	287	190	588	5	268	38	80	520	381	5	61	38	
					295	100					59	100	
4	295	349	596	5	278 2	34	41	850	342	5	23	36	
					294	134					73	136	K-Siemann
5	279	586	580	5	264	30	58	108	359	5	43	30	
					208	164					102	166	
6	203	929	504	5	198	10	97	371	398	5	92	10	
						174						176	
												174	
	1538	1421					372	721				350	
	372	721											
+	1165	421											BM 56-2
BM 56-2													Topanga Cyn. Blvd. & P.P. # 689117 E
													See F.B. 2832-8

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 BM56-2 TO BM56-1B
BM56-2					69						296½		BM56-2
1	53	451	354	5	37	32	296	100	597	5	281½	30	Topanga Cyn. Blvd. & P.P. #689117E
					55						264		See F.B. 2832-8
2	39	085	340	5	23	32	248	212	549	5	232	32	
					29½	64					254	62	
3	10	839	311	5	10½	38	235	890	536	5	216	38	
					32	102					305	100	π-Siemann
4	12	395	313	5	12½	40	285	318	586	5	265	40	
					60	142					275	140	
5	42	000	343	5	24	36	257	480	558	5	239	36	
						178						176	
												178	
	157	770					1323	000				354	
							157	770					
							-1165	230					
BM56-1B													BM56-1B (Lg. Bt. SPK.)
													Topanga Cyn. Blvd. Opposite
													Ho. #3131.
													See F.B. 3733-51

F.B. 4121 PG. 66 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 10-20-71

INDEXED T. M. PALMERI DATE

T-72

WEATHER Lt. Clouds INST. NO. 9671

TIME 3:10 to 3:25 ROD NO. 95890

NOTES CHKD BLANCHARD DATE DEC 1 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
	3 3 2	2 3					2 1	2 1					FROM BM 56-1B TO 56-2
BM56-1B					279						59		BM 56-1B (Lg. Bt. SPK.)
1	261	679	562	5	243	36	40	503	341	5	21	38	Topanga Cyn. Blvd., Opposite Ho. # 3131
2	299	659	600	5	299 1/2 / 277 1/2	44	21	051	322	5	45 1/2 / 21 1/2	48	See F.B. 3733-51
					300	80					38	86	
3	277	609	578	5	255	45	19	345	320	5	0	38	
					298 1/2	125					30 1/2	124	
4	298	359	599	5	279 1/2	38	13	560	314	5	13 1/2	34	Re-Run
					236	163					116	158	
5	229	891	530	5	222	14	107	492	408	5	97	19	X-Siemann
						177						177	
												177	
	1367	197					201	951				354	
	201	951											
+	1165	246											
													BM 56-2
BM56-2													Topanga Cyn. Blvd. & P.P. # 689117 E See F.B. 2832-8

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. Dreier
NOTES BY Maldonado DATE 10-26-71 TIME 1:25 to 1:40 WEATHER overcast Light Cloud INST. NO. 96716
INDEXED T. M. PALMERI DATE NOV 24 '71 NOTES CHKD. BLANCHARD DATE DEC 1 '71
F.B. 4121 PG. 67
1-66

76P526B CE # 308 8/68

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

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 10-20-71
INDEXED J. M. PALMER DATE NOV 24 71
WEATHER Sunny & Calm
TIME 9:50 to 10:25
NOTES CHKD BLANCHARD DATE DEC 1 71
INST. NO. 96714
ROD NO. 95896
F.B. 4121 PG. 69
T-66

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM56-2 TO BM56-3
BM56-2									BM 56-2
1	298	583	599 5	298 1/2 / 279 2 38	16	156	317 5	35 1/2 / 16 2 38	Topanga Cyn. Blvd. & P.P. #689117E.
									See F.B. 2832-8
2	296	951	597 5	296 1/2 / 281 2 30	23	696	324 5	39 / 7 32	
				305 68				37 70	
3	289	296	590 5	273 32	22	000	323 5	7 30	
				264 100				36 1/2 100	T-Siemann
4	248	691	549 5	232 32	20	129	321 5	20 2 32	
				299 1/2 132				37 132	
5	299	265	600 5	285 2 28	21	872	322 5	5 32	
				301 160				30 1/2 164	
6	282	681	583 5	263 38	12	582	313 5	12 2 36	
				301 1/2 198				74 200	
7	301	260	602 5	287 2 28	60	000	361 5	46 28	
				299 226				143 228	
8	266	101	567 5	233 66	109	431	410 5	75 68	
				178 292				101 296	
9	167	480	468 5	156 2[illegible]2	93	530	394 5	85 16	
				324				312	
								314	
	2450	308			379	396		626	
	379	396							
	+2070	912							BM 56-3 (L.A.C.F.C.D. F.C. BM 117-F3)
BM 56-3									Topanga Cyn. Blvd. & 42.5 Ft. S 1/4 of P.P. #775272E.
									See F.B. 2832-9

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	~~22~~	~~24~~			~~633~~	~~43~~			FROM BM56-3 TO BM56-2
BM56-3				81				222	BM56-3 (L.A.C.F.C.D. F.C. BM
1	52	388	353 5	23 58	192	677	493 5	162 60	117-F3)
	83			102				270	Topanga Cyn. Blvd. & 42.5 Ft.
2	~~82~~	000	384 5	64 38	252	290	553 5	234 36	Sly of P.P.# 775272 E
				18½ 96				300½ 96	See F.B. 2832-9
3	2	646	303 5	2½ 32	300	070	601 5	283½ 34	
				69 128				295 130	
4	53	112	354 5	37 32	279	179	580 5	263 32	
				28 160				278 162	T-Siemann
5	14	207	315 5	0~~28~~ 28	264	020	565 5	250 28	
				30½ 188				304 190	
6	13	623	314 5	13½ 34	286	601	587 5	268 36	
				27½ 222				296½ 226	
7	10	504	311 5	10½ 34	296	599	597 5	281½ 30	
				48 256				295½ 256	
8	33	171	334 5	18 30	295	802	596 5	279½ 32	
				88 286				252 288	
9	76	319	377 5	64 24	242	716	543 5	232 20	
				310 ✓				308 ✓	
								310	
	338	970 ✓			2409	954 ✓		618 ✓	
					338	970			
					2070	980 ✓			
BM56-2									BM56-2
									Topanga Cyn. Blvd. & P.P.# 689117 E
									See F.B. 2832-8

F.B. 4121 PG. 70 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 10-20-71

INDEXED T. M. PALMERI DATE

WEATHER Light ~~Drift~~ Clouds INST. NO. 96716

TIME 2:35 to 3:10 ROD NO. 95496

NOTES CHKD BLANCHARD DATE DEC 1 71

T-70°

76P526B CE # 308 8 '68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DEELER

NOTES BY T. OHASHI DATE 10-20-71

INDEXED T. M. PALMERI DATE NOV 24 '71

WEATHER SUNNY-CALM INST. NO. 96716

TIME 10:30 - 11:30 ROD NO. 95896

NOTES CHKD. BLANCHARD DATE DEC 1 '71

T=76°

F.B. 4121 PG. 71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM56-3 TO BM56-4
B.M.56-3									BM56-3 (L.A.C.F.C.D. F.C. BM 117-F3
1	123	498	424 5	135 111 24	146	2 292	447 5	134 158 24	Topanga Cyn Blvd. & 42.5 Ft. 1946)
									S'ly of P.P. #775272E
2	214	102	515 5	195 233 38	90	121	391 5	108 72 36	See F.B. 2832-9
				62				60	
3	238	987	539 5	258 218 40	72	062	373 5	92 52 40	
				102				100	
4	287	688	588 5	305 269 36	6	872	307 5	24 6 1/2 36	⊼ J. MALDONADO
				138				136	
5	294	711	595 5	1/2 294 274 40	5	438	306 5	1/2 24 5 38	
				178				174	
6	261	732	562 5	282 240 42	96	688	397 5	119 73 46	
				220				220	
7.	254	408	555 5	278 230 48	75	521	376 5	100 50 50	
				268				270	
8.	226	171	527 5	242 210 32	23	652	324 5	40 6 34	
				300				304	
9.	262	270	563 5	285 239 46	6	861	307 5	1/2 28 6 44	
				346				348	
10.	300	058	601 5	1/2 300 282 36	44	526	345 5	61 27 34	
				382				382	
11	264	782	565 5	275 253 22	13	563	314 5	24 2 20	
				404				402	
12	178	608	479 5	181 175 6	35	040	336 5	38 32 6	
				410				408	
								410	B.M. 56-4 (L.A.C.F.C.D.) BM 117-F54
	2907	015			616	736		818	TOPANGA CYN. BLVD & TOPANGA CREEK
	616	636				6			2.0 MI. N. OF PACIFIC COAST HWY.
BM. 56-4	2290	279	(+22.90379)						N.E. COR. BRIDGE #53-143
		3							SEE F.B. 2832-10

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 BM 56-4 TO BM 56-3
BM. 56-4													BM. 56-4 (L.A.C.F.C.D.) BM. 117-F-54
1	10	657	311	5	16 / 4	12	223	089	524	5	231 / 215	16	TOPANGA CYN. BLVD. & TOPANGA CREEK
													2.0 MI. N. OF PACIFIC COAST HWY.
2	4	279	305	5	1/2 20 / 4	32	279	433	580	5	294 / 264	30	N.E. COR. BRIDGE # 53-143
						44						46	SEE F.B. 2832-10
3	8	119	309	5	1/2 24 / 8	32	275	742	576	5	292 / 258	34	
						76						80	
4	35	078	336	5	54 / 16	38	233	300	534	5	251 / 215	36	-
						114						116	⊼ J. MALDONADO
5	33	100	334	5	54 / 12	42	248	679	549	5	269 / 227	42	
						156						158	
6	58	560	359	5	82 / 34	48	212	499	513	5	236 / 188	48	
						204						206	
7	48	331	349	5	72 / 24	48	294	449	595	5	1/2 294 / 274	40	
						252						246	
8	12	232	313	5	1/2 31 / 12	38	284	959	585	5	302 / 266	36	
						290						282	
9	19	665	320	5	35 / 3	32	250	769	551	5	270 / 230	40	
						322						322	
10	20	781	321	5	1/2 51 / 20	62	259	540	560	5	291 / 227	64	
						384						386	
11	133	191	434	5	142 / 124	18	112	032	413	5	121 / 103	18	
						402						404	
												402	
	383	993					2674	491				806	B.M. 56-3 (L.A.C.F.C.D.) B.M. 117-F-3
							383	993					TOPANGA CYN. BLVD. 42.5 SLY
B.M. 56-3							2290	498					OF P.P. # 775272 E
													SEE F.B. 2832-9

T=72°

WEATHER Sunny Breeze INST. NO. 96716

TIME 1:45 - 2:30 ROD NO. 95-96

NOTES CHKD BLANCHARD DATE DEC 1 '71

JOB NO. 0301.02

SURVEY OF ~~[illegible]~~ L.A. Co. Precise Level Net

SURVEY BY G.E.D. NOTES T. Ohashi 10-20-71

INDEXED T. M. PALMERI DATE

F.B. 4121 PG. 72

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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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. 56-4 TO BM. 56-4B
BM. 56-4									B.M. 56-4 (L.A.C.F.C.D) B.M. 117-F-54
1	254	255	555 5	276 232 44	67	110	368 5	89 45 44	TOPANGA CYN. BLVD. & TOPANGA CREEK
									2.0 MI. N. OF PACIFIC COAST HWY.
2	208	342	509 5	234 182 52	101	116	402 5	127 75 52	N.E. COR. BRIDGE # 53-143
				96				96	SEE F.B. 2832-10
3	246	702	547 5	276 216 60	5	583	306 5	31 ½ 5 52	
				156				148	
4	270	391	571 5	283 257 26	39	210	340 5	55 23 32	
				182				180	⊼ J. MALDONADO
5.	225	173	526 5	231 219 12	72	438	373 5	79 65 14	
				194				194	
								194	
	1204	863			285	457		388	
	285	457							
BM. 56-4B	+919	406							B.M. 56-4B (L.A. CO. ENGR'S DISK)
									TOPANGA CYN. BLVD. 0.25 MI. N. OF
									TOPANGA CREEK BRIDGE
									SEE F.B. 3733-61

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

SURVEY BY G.E. DREIER

NOTES BY T. OUDSHI DATE 10-20-71

INDEXED T. M. PALMERI DATE NOV 24 '71

WEATHER SUNNY-CLEAR T=78°

TIME 11:30 – 11:50

NOTES CHKD BLANCHARD DATE DEC 1 '71

INST. NO. 96716

ROD NO. 95-96

F.B. 4121 PG. 73

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4121 PG. 74 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY G.E.D. NOTES CHASH 10-20-71

INDEXED T. M. PALMERI DATE

WEATHER Sunny-Breezy INST. NO. 96716

TIME 1:30 - 1:45 ROD NO. 95-16

NOTES CHKD. BLANCHARD DATE

T = 76°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 56-4B TO BM. 56-4
BM. 56-4B	10	933	311	5	28 / 10	36	290	654	591	5	306 / 274	32	BM. 56-4B
1													TOPANGA CYN. BLVD. 025 M. N.
													OF TOPANGA CREEK BRIDGE.
2	60	78	307	5	25 / 6	38	265	630	566	5	286 / 244	42	SEE F.B. 3733-61
						74						74	
3	90	861	391	5	46 / 6	52	159	699	460	5	182 / 132	50	
						126						124	
4	96	400	397	5	44 / 28	36	281	062	582	5	301 / 261	40	K. J. MALDONADO
						162						164	
5	69	149	370	5	88 / 58	30	195	728	496	5	211 / 179	32	
						192						196	
												92	
	273	421					1192	773				388	
							273	421					
BM. 56-4							919	352					BM. 56-4 (LACFCD) BM. 117-F-52
													TOPANGA CYN. BLVD. & TOPANGA CREEK
													2.0 MI. N. OF PACIFIC COAST HWY.
													N.E. COR. BRIDGE #53-143
													SEE F.B. 2832-10

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 B.M.56-4B TO BM.56-4C
B.M.56-4B													B.M.56-4B
1	301	880	602	5	½ 301 290	22	15	927	316	5	26 4	22	TOPANGA CY'N. BLVD. 0.25 MI. N.
													OF TOPANGA CREEK BRIDGE.
2	272	492	573	5	279 265	14	38	788	339	5	45 31	14	SEE F.B. 3733-61
						36						36	
3	297	999	598	5	304 290	14	4	512	305	5	½ 10 4	12	
						50						48	
4	291	831	592	5	297 285	12	14	869	315	5	22 6	16	⊼ B. SIEMANN
						62						64	
5	289	210	590	5	294 284	10	43	351	344	5	50 36	14	
						72						78	
6.	301	598	602	5	½ 301 293	16 88	36	290	337	5	44 28	16 94	
7.	286	245	587	5	293 279	14 102	9	776	310	5	16 2	14 108	
8.	300	167	601	5	308 292	16 118	18	569	319	5	24 12	12 120	
9.	299	553	600	5	305 293	12 130	8	320	309	5	½ 14 2	12 132	
10.	296	228	597	5	302 290	12 142	15	920	316	5	20 10	10 142	
11	238	967	539	5	245 231	14 156	75	629	376	5	82 68	14 156	
12	301	828	602	5	½ 301 293	16 172	3	321	304	5	½ 11 3	16 172	
13.	285	340	586	5	294 276	18 190	156	843	457	5	164 148	16 188	
B.M.56-4C												190	B.M.56-4C (L.A. Co. Eng'rs Disk)
	3763	338					442	115				378	TOPANGA CY'N BLVD. 2.45 MI. N. OF
	442	115											PACIFIC COAST HWY. P.P. # 775251E
	3321	223											SEE F.B. 3733-63

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=64°
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 9716
NOTES BY T. OHASHI DATE 10-26-71 TIME 3:00 — ROD NO. 95796
INDEXED I. M. PALMERI DATE NOV 24 '71 NOTES CHKD BLANCHARD DATE DEC 1 '71

F.B. 4121 PG. 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 BM.56-4C TO B.M.56-4B
B.M.56-4C													B.M.56-4C (L.A.Co. Engr. Disk)
1.	142	441	443	5	151 133	18	300	466	601	5	1300 2289	22	TOPANGA CANYON BLVD.
													2.45 MI. N. PACIFIC COAST HWY.
2.	~~15~~ 15	971	316	5	22 08	14	275	292	576	5	283 267	16	SEE F.B. 3733-63 (P.P.# 775251E)
				6		32				6		38	
3.	11	938	312	5	20 2	18	299	880	600	5	306 292	14	
						50						52	
4.	12	702	313	5	18 6	12 62	287	675	588	5	292 282	10 62	⊼ B. SHEMANN
5.	25	592	326	5	31 19	12 74	278	860	579	5	284 272	12 74	
6.	8	062	309	5	15 1	14 88	297	431	598	5	304 290	14 88	
7.	25	233	326	5	31 19	12 100	268	520	569	5	274 262	12 100	
8.	66	939	367	5	73 59	14 114	287	390	588	5	294 280	14 114	
9.	8	111	309	5	16 0	16 130	292	249	593	5	299 285	14 128	
10.	5	791	306	5	1/2 11 5	12 142	300	530	601	5	307 293	14 142	
11.	12	652	313	5	18 6	12 154	293	027	594	5	299 287	12 154	
12.	~~11~~ 9	021	310	5	18 0	18 172	273	391	574	5	282 264	18 172	
13.	29	541	330	5	37 21	16 188	240	560	541	5	248 232	16 188	
B.M.56-4B												188	B.M.56-4B
	373	994					3695	271				376	TOPANGA CYN BLVD. 0.25 MI. N OF
							373	994					TOPANGA CREEK BRIDGE.
													SEE F.B. 3733-61
							-3321	277					

F.B. 4121 PG. 76 JOB NO. 0301.02

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

SURVEY BY G.E.D. NOTES T. OHASHI 10-26-71

INDEXED T. M. PALMERI DATE

WEATHER OVERCAST INST. NO. 96726

TIME 2:05 - 3:00 ROD NO. 95996

NOTES CHKD BLANCHARD DATE DEC 1 71

T = 64°

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. 56-4C TO BM. 56-4E
BM.56-4C													B.M.56-4C
1	289	740	590	5	293 / 285	8	41	901	342	5	46 / 36	10	TOPANGA CYN BLVD, 2.45 MI. N
													OF PACIFIC COAST HWY. P.P.# 775251E
2.	247	973	548	5	254 / 240	14 / 22	41	161	342	5	48 / 34	14 / 24	SEE F.B. 3733-63
3.	300	000	601	5	1/2 300 / 292	16 / 38	37	311	338	5	44 / 30	14 / 38	
4.	295	980	596	5	302 / 287	16 / 54	22	502	323	5	36 / 14	16 / 54	⊼ B. SIEMANN
5.	286	403	587	5	292 / 280	12 / 66	5	608	306	5	1/2 12 / 5	14 / 68	
6	293	611	594	5	299 / 287	12 / 78	20	498	321	5	27 / 13	14 / 82	
7	233	931	534	5	236 / 230	6 / 84	208	870	509	5	210 / 206	4 / 86	
B.M.56-4E												84	B.M. 56-4E (U.S.C.&G.S V-1135)
	1947	638					377	851				170	TOPANGA CYN. BLVD. P.P.# 751024E
	377	851											SEE F.B. 3733-64
+	1569	787											

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

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 10-27-71

INDEXED I. M. PALMERI DATE NOV 24 71

WEATHER OVERCAST

TIME 9:15 - 9:40

NOTES CHKD BLANCHARD DATE DEC 1 71

INST. NO. 96716

ROD NO. 95-96

T = 62°

F.B. 4121 PG. 77

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4121 PG. 78 JOB NO. 6301.02

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

SURVEY BY G.E.D. NOTES T. OHASHI 11-1-71

INDEXED I. M. PALMERI DATE

T = 76°

WEATHER Partly Cloudy INST. NO. 9716

TIME 2:25 - 2:50 ROD NO. 75-96

NOTES CHKD. BLANCHARD DATE DEC 1 71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM. 56-4E TO BM. 56-4C
BM. 56-4E													B.M. 56-4E (U.S.C.&G.S. V-1135)
1.	71	532	372	5	80 62	18	287	710	588	5	296 278	18	TOPANGA CYN. BLVD. P.P.# 751024E
													SEE F.B. 3733-64
2.	35	288	336	5	38 32	6	253	362	554	5	257 249	8	
						24						26	
3	38	493	339	5	44 32	12	299	840	600	5	306 292	14	T. B. SIEMANN
						36						40	
4	10	931	311	5	20 8	20	299	733	600	5	299 281	16	
						56						56	
5.	7	500	308	5	16 ½ 7	18	293	263	594	5	300 286	14	
						74						70	
6.	44	367	345	5	51 37	14	245	580	546	5	251 239	12	
												82	
7.	178	460	479	5	180 176	88	276	701	577	5	280 272	8	
BM. 56-4C						4						90	B.M. 56-4C
						92						92	TOPANGA CYN. BLVD. 2.45 MI. N. OF
	386	571					1956	189				182	PACIFIC COAST HWY. P.P.# 775251E
							386	571					SEE F.B. 3733-63
							1569	618					

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=65°
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI
INDEXED I. M. PALMERI
DATE 10-27-71
DATE NOV 24 71
WEATHER OVERCAST
TIME 9:40 TO 16:00
INST. NO. 9176
ROD NO. 95-96
NOTES CHKD BLANCHARD
DATE DEC 1 71
F.B. 4121 PG. 79

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 56-4E TO B.M. 56-4D
B.M. 56-4E													B.M. 56-4E (U.S.C. & G.S. V-1135)
1	253	411	556	5	258 / 248	10	67	316	368	5	72 / 62	10	TOPANGA CYN. BLVD & P.P. 751024E
													SEE F.B. 3733-64
2	235	191	536	5	243 / 227	16 / 26	26	515	327	5	34 / 18	16 / 26	
3	288	510	589	5	298 / 278	20 / 46	3	857	304	5	½ / 3	16 / 42	
4	291	318	592	5	298 / 284	14 / 60	6	751	307	5	13 / -1	14 / 56	π B. SUEMANN
5	284	980	585	5	291 / 277	14 / 74	18	800	319	5	27 / 9	18 / 74	
6	282	570	583	5	290 / 274	16 / 90	64	381	365	5	72 / 56	16 / 90	
7	204	877	505	5	207 / 201	6 / 96	129	819	430	5	132 / 126	6 / 96	
8													
B.M. 56-4D												96	B.M. 56-4D (L.A. CO. ENGR DISK)
	1840	857					317	439				192	TOPANGA CYN. BLVD. P.P. 751027E
													SEE F.B. 3733-65
	317	439											
+	1523	418											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

T = 82°

WEATHER Sunny INST. NO. 9716

TIME 11:35 – 12:00 ROD NO. 45-96

NOTES CHKD BLANCHARD DATE DEC 1 71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 56-4D TO BM 56-4E
BM. 56-4D													BM 56-4D
1.	20	689	321	5	30 / 10	20	299	368	600	5	299 / 289	20	Topanga Cyn Blvd P.P. 751027E
													See F.B. 3733-65
2.	12	121	313	5	23 / 1	22	292	701	593	5	302 / 282	20	
						42						40	
3	8	760	309	5	17 / -1	18	291	370	592	5	301 / 281	20	T B. Siemann
						60						60	
4.	7	131	308	5	14 / 0	14	292	768	593	5	304 / 280	24	
						74						84	
5.	10	283	311	5	20 / 0	20	203	862	504	5	208 / 198	10	
						94						94	
6	85	396	386	5	92 / 78	14	287	631	588	5	293 / 281	12	
						108						106	
BM. 56-4E												108	BM 56-4E
	144	380					166	700				214	Topanga Cyn Blvd P.P. 751024E
							144	380					See F.B. 3733-
							523	320					

F.B. 4121 PG. 80 JOB NO. 0301.02

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

SURVEY BY G.E.D. NOTES T. Ohashi 11-4-71

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 64°
SURVEY BY G.E. DREIER
NOTES BY SIEMANN
INDEXED T. M. PALMERI
DATE 10-27-71
DATE NOV 24 '71
WEATHER OVERCAST
TIME 10:00 TO 10:25
INST. NO 76716
ROD NO 95896
NOTES CHKD BLANCHARD
DATE DEC 1 '71
F.B. 4121 PG. 81

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 56-4D TO B.M. 56-5
B.M. 56-4D							3						B.M. 56-4D
1	289	451	590	5	297 281	16	3	387	304	5	12 2 3	18	TOPANGA CN. BLVD. & 75 1027E
													SEE F.B. 3733-65
2	286	480	587	5	295 277	18	7	428	308	5	14 -2	16	
						34						34	
3	292	760	593	5	301 283	18	16	550	317	5	25 7	18	
						52						52	
4	298	582	599	5	307 289	18	6	130	307	5	16 2 6	20	
						70						72	π = MALDONADO
5	294	831	595	5	304 284	20	8	362	309	5	18 -2	20	
						90						92	
6	293	843	594	5	299 287	12	21	273	322	5	27 15	12	
						102						104	
7	178	490	779		182 174	8	165	940	466	5	168 162	6	
						110						110	
												110	B.M. 56-5
B.M. 56-	1934437						229070					220	TOPANGA CN. BLVD. & P.P. # 751031E
	229070												SEE F.B. 2832-11
	+1705367												

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4121 PG. 82 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-4-71

INDEXED I. M. PALMERI DATE

T = 82°

WEATHER LT. WIND INST. NO. 96716

TIME 11:10 TO 11:30 ROD NO. 95896

NOTES CHKD BLANCHARD DATE DEC 1 71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 56-5 TO B.M. 56-4D
B.M. 56-5									B.M. 56-5
1	105	681	406	5	284	067	585	5	TOPANGA CN. BLVD. & P.P. # 751031E. SEE F.B. 2832-11
2	16	590	317	5	263	349	564	5	
3	20	913	321	5	285	636	585	5	
4	14	880	315	5	301	147	602	5	
5	11	640	312	5	264	478	565	5	T. - MALDONADO
6	7	682	308	5	249	868	550	5	
7	16	113	317	5	251	362	552	5	
B.M. 56-4D	193	499							B.M. 56-4D TOPANGA CN. BLVD. & P.P. 751027E SEE F.B. 3733-65

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER NOTES BY SIEMAND DATE 10-27-74 WEATHER OVERCAST INST. NO 96716

INDEXED T. M. PALMERI DATE NOV 24 74 TIME 10:25 TO 11:00 ROD NO. 95796

NOTES CHKD BLANCHARD DATE DEC 1 74

F.B. 4121 PG. 83

T = 66°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 56-5 TO B.M. 56-5A
B.M. 56-5											B.M. 56-5
1	216	718	517	5	226 206 20	4 44	553	345	5	54 34 20	TOPANGA CN. BLVD. & P.P. # 751031E.
											SEE F.B. 2832-11
2	281	396	582	5	292 270 22	45	850	346	5	56 34 22	
					42					42	
3	289	480	590	5	300 278 22	21	240	322	5	32 10 22	
					64					64	
4	295	011	596	5	306 284 22	8	603	309	5	18 ½ 8 20	
					86					84	
5	295	056	596	5	302 288 14	30	509	331	5	38 22 16	
					100					100	T = MALDONADO
6	289	202	590	5	298 280 18	22	030	323	5	32 12 20	
					118					120	
7	295	168	596	5	308 282 26	7	438	308	5	19 ½ 7 24	
					144					144	
8	287	664	588	5	298 276 22	12	329	313	5	23 5 18	
					166					162	
9	290	499	591	5	299 281 18	20	193	321	5	29 11 18	
					184					180	
10	276	786	577	5	285 267 18	36	023	337	5	47 25 22	
					202					202	
11	215	933	516	5	223 207 16	35	458	336	5	43 27 16	
					218					218	
B.M. 56-5A										218	B.M. 56-5A
	3032	913				284	226			436	TOPANGA CN. BLVD. & P.P. # 251324
	284	226									SEE F.B. 3733-69
	+ 2748	687									

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4121 PG. 84 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-4-71

INDEXED I. M. PALMERI DATE

T=82°

WEATHER SUNNY, CLEAR INST. NO. 96716

TIME 10:30 TO 11:10 ROD NO. 95096

NOTES CHKD BLANCHARD DATE DEC 1 '71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.56-5A TO B.M.56-5
B.M. 56-5A													B.M. 56-5A
1	3	6580	337	5	45 27	18	258	493	559	5	270 246	24	TOPANGA CN. BLVD. & P.P. 251324
													SEE F.B. 3733-69
2	32	553	333	5	43 21	22	274	760	575	5	284 264	20	
						40						44	
3	10	499	311	5	19 1	18	264	542	565	5	272 256	16	
4	6	521	307	5	½ 17 6	58 22	283	706	584	5	294 272	60 22	
						80						82	
5	15	272	316	5	26 4	22	280	134	581	5	292 268	24	
						102						106	π = MALDONADO
6	6	312	307	5	½ 16 6	20	298	911	599	5	½ 298 286	24	
												130	
7	23	195	324	5	36 10	122 26	281	142	582	5	292 270	22	
						148						152	
8	9	700	310	5	½ 21 9	24	296	385	597	5	309 283	26	
						172						178	
9	28	853	329	5	36 20	16	287	019	588	5	296 278	18	
						188						196	
10	18	731	319	5	27 9	18	202	046	503	5	206 198	8	
						206						204	
11	46	873	347	5	58 34	24	256	662	557	5	270 242	28	
						230						232	
B.M. 56-5							2983	800				230	B.M. 56-5
	235	089					~~2983820~~					462	TOPANGA CN. BLVD. & 751031 E
							235089						SEE F.B. 2832-11
							~~2748731~~						
							2748711						

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DIZEIER DATE 10-27-71 WEATHER OVERCAST INST. NO 96716
NOTES BY SIEMANN TIME 11:05 TO 11:25 ROD NO. 95896
INDEXED T. M. PALMERI DATE NOV 24 71 NOTES CHKD BLANCHARD DATE DEC 1 71

T = 64°

F.B. 4221 PG. 85

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 56-5A TO B.M. 56-6
B.M. 56-5A													B.M. 56-5A
1	250	860	551	5	262 238	24	18	721	319	5	30 6	24	TOPANGA CN. BLVD. & P.P. 25-132Y
													SEE F.B. 3733-69
2	284	631	585	5	294 274	20	4	152	305	5½	14	20	
						44						44	
3	301	019	602	5	301 289	24	60	517	361	5	72 48	24	
						68						68	
4	263	812	564	5	292 234	58	33	380	334	5	62 4	58	T = MALDONADO
						126						126	
5	222	531	523	5	240 204	36	43	120	344	5	61 25	36	
						162						162	
6	299	239	600	5	299 288	22	166	190	467	5	179 153	26	
						184						188	
7	222	663	523	5	239 205	34	47	702	348	5	64 30	34	
						218						222	
8	214	011	515	5	223 205	18	65	300	366	5	72 58	14	
						236						236	
B.M. 56-6												236	B.M. 56-6
	2058	766					439	082				472	TOPANGA CN. BLVD. & DR. TO FITZGERLD.
	439	082											SEE F.B. 2832-12
	+ 1619	684											

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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.

T = 82°

WEATHER SUNNY, CLEAR INST. NO. 96716

TIME 10:00 TO 10:30 ROD NO. 95896

NOTES CHKD BLANCHARD DATE DEC 1 '71

F.B. 4121 PG. 86 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-4-71

INDEXED T. M. PALMERI DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 56-6 TO B.M. 56-5A
B.M. 56-6									B.M. 56-6
1	42	092	343 5	62 22 40	301	636	602 5	301 283 36	TOPANGA CN. BLVD. & DR TO FITZGERLD
									SEE F.B. 2832-12
2	88	084	389 5	119 57 62	298	849	599 5	298 271 54	
				102				90	
3	62	151	363 5	77 47 30	291	473	592 5	291 269 44	
				132				134	
4	8	720	309 5	31 8 46	215	679	516 5	237 193 44	
				178				178	π = MALDONADO
5	5	407	306 5	18 5 26	294	218	595 5	307 281 26	
				204				204	
6	19	517	320 5	32 6 26	294	810	595 5	304 282 22	
				230				226	
7	68	611	369 5	74 62 12	217	554	518 5	225 209 16	
				242				242	
B.M. 56-5A								242	B.M. 56-5A
	294	582			1914	219		484	TOPANGA CN. BLVD. P.P. # 251324
					294	582			SEE F.B. 3733-69
				-	1619	637			

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 = 64
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 10-27-71
INDEXED T. M. PALMERI DATE NOV 24 '71
WEATHER OVERCAST
TIME 11:35 TO 11:45
NOTES CHKD BLANCHARD DATE DEC 1 '71
INST. NO 96716
ROD NO 95896
F.B. 4121 PG. 87

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 56-6 TO B.M. 56-6A
B.M. 56-6									B.M. 56-6
1	212	436	513 5	241 / 183 58	170	770	471 5	199 / 141 58	TOPANGA CN. BLVD. & DR. TO FITZGELDS.
									SEE F.B. 2832-12
2	124	533	425 5	132 / 116 16	122	237	423 5	129 / 115 14	T = MALDONADO
				74				72	
B.M. 56-6A								74	B.M. 56-6A (U.S.C.&G.S. U-1135)
	336	969			293	007		146	TOPANGA CN. BLVD. & O. ~~1S OF TOPANGA~~
	293	007							SEE F.B. 3733-72
	+ 43	962							
	RERUN 11-5-71 SUNNY, CLOUDY T = 78° 1:10 TO 1:20								
B.M. 56-6									
1	224	289	525 5	257 / 191 66	252	717	553 5	284 / 220 64	
2	117	289	418 5	120 / 116 4	44	551	345 5	45 / 42 4	
	341	578		70	297	268		68	
B.M. 56-6A	297	268						70	
	+ 44	310						138	
	2ND RERUN 11-5-71 1:30 TO 1:40 SUNNY, CLOUDY T = 78°								
B.M. 56-6									
1	223	623	524 5	155 / 191 64	265	639	566 5	297 / 233 64	
2	131	542	432 5	134 / 129 5	45	048	346 5	47 / 43 4	
				69				68	
B.M. 56-6A								69	
	355	165			310	687		137	
	310	687							
	+ 44	478							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 56-6A TO B.M. 56-6
B.M. 56-6A									B.M. 56-6A (U.S.C.&G.S. U-1135)
1	157	789	458 5	170 144 26	96	103	397 5	108 84 24	TOPANGA CN. BLVD. 0.1 S. OF TOPANG
									SEE F.B.
2	98	090	399 5	118 78 40	200	800	501 5	221 179 42	
								66	π = MALDONADO
				66					
B.M. 56-6								66	B.M. 56-6
	255	879			296	903		132	TOPANGA CN. BLVD. OPP. DR. TO
					255	879			FITZGEARLDS. SEE F.B. 2832-12
					-41	024			
	RERUN 11-5-71 SUNNY CLOUDY T=78° 1:20 TO 1:30								
BM. 56-6A									
1	50	670	351 5	52 48 4	123	247	424 5	125 121 4	
2	249	522	550 5	281 217 64	221	090	522 5	253 189 64	
				68				68	
BM. 56-6								68	
	300	192			344	337		136	
					300	192			
					-44	145			
	2ND RERUN 11-5-71 1:40 TO 1:50 SUNNY, CLOUDY T=78°								
B.M. 56-6A									
1	46	970	347 5	48 44 4	133	479	434 5	135 131 4	
2	265	202	566 5	297 233 64	223	242	524 5	255 191 64	
				68				68	
	312	172			356	721		68	
B.M. 56-6					312	172		136	
					-44	549			

F.B. 4121 PG. 88 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-3-71

INDEXED T. M. PALMERI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 2:55 TO 3:05 ROD NO. 9529

NOTES CHKD BLANCHARD DATE DEC 1 71

T= 76°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 10-27-71

INDEXED T. M. PALMERI DATE NOV 24 '71

WEATHER Overcast

TIME 1:10 to 1:45

NOTES CHKD BLANCHARD DATE OCT 1 '71

T-60°

F.B. 4121 PG. 89

INST. NO. 96716

ROD NO. 95496

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM56-6A TO BM56-7
BM56-6A				97				187	BM 56-6A (U.S.C.&G.S. U-1135
1	85	871	386 5	73 24	173	891	474 5	159 28	Topanga Cyn. Blvd, ~~0.15 mi ± S'ly~~ ~~of Topanga~~ (Amlar Dr.)
				147				164	
2	100	639	401 5	53 94	118	790	419 5	72 92	See F.B. 3733-72
				203 118				260 120	
3	167	345	468 5	131 72	224	471	525 5	188 72	π-Siemann
				286 190				217 192	
4	252	200	553 5	218 68	184	284	485 5	151 66	
				258				258	
								258	
	606	055			701	436		516	
					606	055			BM 56-7
BM56-7					95	381			Topanga Cyn. Blvd. & Fernwood Pacific Dr.
									F.B. 2832-13
BM56-6A	11-5-71 1:50 to 2:10 Re-Run				Hazy Sun T=72°				BM56-6A
				60				149	
1	58	760	359 5	56 4	147	980	448 5	145 4	
	111			155				200	
2	~~110~~	121	412 5	67 88	158	439	459 5	116 84	π-Siemann
				262				280 88	
3	223	623	524 5	184 92	235	121	536 5	190 90	
				234 78				194 178	
4	203	459	504 5	172 170 62	164	681	465 5	134 60	
				124 232				110 ~~548~~	
5	112	640	413 5	100 24	99	200	400 5	88 238	
				256				22	
								260	
	709	603			805	421		256	
					709	603		516	BM-56-7
BM56-7					95	818			

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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. 4121 PG. 90 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-3-71

INDEXED T. M. PALMER DATE

T-88°

WEATHER Sunny & Cool INST. NO. 96716

TIME 2:20 to 2:50 ROD NO. 95-59

NOTES CHKD BLANCHARD DATE DEC 1 1971

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM56-7 TO BM56-6A
BM56-7					205						285		BM56-7
1	172	590	473	5	139	66	252	380	553	5	219	66	Topanga Cyn. Blvd. & Fernwood Pacific Dr. S.E. Cor.
					260						188		
2	228	702	529	5	196	64	155	039	456	5	122	66	See F.B. 2832-13
					158	130					156	132	
3	119	549	420	5	80	78	118	041	419	5	80	76	
					192	208					113	208	
4	170	412	471	5	148	44	91	628	392	5	69	44	T-Siemann
					190	252					169	252	
5	180	131	481	5	170	20					141	22	
						272	458	685	459	5		274 ✓	
	871	384 ✓					775	773 ✓				272 ✓	
	775	773 ✓										546 ✓	
BM56-6A	+ 95	611 ✓											BM56-6A (U.S.C.&G.S. V-1135) Topanga Cyn. Blvd. & 0.1 mi. S. of Topanga (Amtar Dr.) See F.B.

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-62°
SURVEY BY Waldensdo G.E. Dreier DATE 10-27-71 WEATHER Overcast INST. NO. 96716
NOTES BY Waldensdo DATE 10-27-71 TIME 1:45 to 2:10 ROD NO. 95396
INDEXED T.M. PALMER DATE NOV 24 71 NOTES CHKD BLANCHARD DATE DEC 1 71
F.B. 4121 Pg. 91

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM56-7 To BM56-8
BM56-7					187						181		BM 56-7
1	149	602	450	5	111	76	142	710	443	5	103	78	Topanga Cyn. Blvd. & Fernwood Pacific Dr. S.E. Cor.
					187						107		
2	135	641	436	5	83	104	54	441	355	5	81	106	See F.B. 2832-13
					295	180					52	184	
3	256	835	557	5	217	78	13	628	314	5	133	78	T-Siemann
					130	258					237	262	
4	103	823	404	5	76	54	211	510	512	5	185	52	
					142	312					202	314	
5	130	159	431	5	118	24	190	556	491	5	178	24	
						336						338	
												336	
	776	060					612	845				674	
	612	845											BM56-8 (U.S.C.&G.S. A-50)
BM56-8	+163	215											Topanga Cyn. Blvd. & Conc. Bridge #53-144
					Re-Run								
	11-5-71		1:10 to 3:00				Hazy Sun T=72°						See F.B. 2832-14
BM56-7													
					170						214		
1	133	611	434	5	96	74	179	989	480	5	144	70	BM 56-7
					228						178		
2	199	400	500	5	170	58	148	382	449	5	118	60	
					265	132					121	130	
3	228	080	529	5	191	74	85	249	386	5	49	72	
					306	206					124	202	
4	273	150	574	5	240	66	89	732	390	5	54	70	
					92	272					216	272	
5	69	662	370	5	46	46	193	469	494	5	170	46	
					130	318					173	318	
6	121	050	422		112	18	164	908	465	5	155	18	
						336						336	
	1124	953					861	729				336	BM 56-8
BM56-8	+1024	953										672	

~~+1124.953~~ + 1024 953
~~861.729~~ − 861 729
~~+163.224~~ + 163 224

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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. 56-8 TO BM. 56-7
B.M.56-8				246				132	BM 56-8 (U.S.C.&G.S. A-50)
1.	221	791	522 5	196 50	107	397	408 5	82 50	Topanga Cyn. Blvd & Conc. Bridge
				249				299½	#53-144
2	216	410	517 5	183 66	299	000	600 5	266½ 66	See F.B. 2832-14
				92 116				259 116	
3.	58	698	359 5	24 68	226	460	527 5	193 66	
				140 184				150 182	π-Siemann
4	110	586	411 5	80 60	120	170	421 5	90 60	
				130 244				187 242	
5	96	760	397 5	62 68	152	973	453 5	117 70	
				183 312				144 312	
6	170	061	471 5	157 26	131	841	432 5	118 26	
				338				338	
								338	
	874	306			1037	841		676	
BM56-7					874	306			BM57-7
					163	535			Topanga Blvd & Fernwood Pacific
~~BM56-8~~									Dr. SE Cor.
				Re-	Run				See F.B. 2832-13
BM 5-6-8	11-8-71		10:00	to 10:35		Hazy Sun		T=68°	BM56-8
1	237	108	538 5	270 204 66	69	806	370 5	102 38 64	
2	80	849	381 5	117 43 74	281	279	582 5	281½ 246½ 70	
				113 140				271 134	π-Siemann
3	73	363	374 5	33 80	229	110	530 5	187 84	
				228 220				245 218	
4	194	440	495 5	160 68	210	588	511 5	175 70	
				185 288				143½ 288	
5	160	180	461 5	135 50	118	551	419 5	118½ 50	
	745	940			909	334		338	
BM56-7				338	745	940		338	BM 56-7
					163	394		676	

F.B. 4121 PG. 92 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-3-71

INDEXED T. M. PALMERI DATE

WEATHER Overcast INST. NO. 96716

TIME 2:40 to 2:20 ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE DEC 1 71

T=68° 88°

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 10-27-71

INDEXED T. M. PALMERI DATE NOV 24 '71

WEATHER Overcast

TIME 2:15 to 2:35

NOTES CHKD BLANCHARD DATE DEC 1 '71

F.B. 4121 PG. 93

T-60

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 56-8 TO BM 56-9
BM 56-8					250						73		BM 56-8
1	226	300	527	5	202	48	51	200	352	5	29	44	Topanga Cyn. Blvd. & 300 Ft. Sly. of
					276						146		Topanga Post Office. @ Conc Br. #53-144
2	255	521	556	5	234	42	123	579	424	5	100	46	See F.B. 2832-14
					295	90					70	90	
3	277	283	578	5	259	36	53	270	354	5	36	34	
					294	126					76	124	T-Siemann
4	251	763	552	5	208	86	32	841	333	5	32	88	
					284	212					166	212	
5	254	581	555	5	224	60	135	110	436	5	104	62	
					191	272					135	274	
6	176	420	477	5	161	30	121	051	422	5	107	28	
						302						302	
												302	
	1441	868					517	051				604	
	517	051											
	924	817											
BM 56-9													BM 56-9
													Topanga Cyn. Blvd. & Topanga School
													Rd. @ Conc. Br. # 1282.
													See F.B. 2832-15

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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
	33	42					333	21					FROM BM 56-9 TO BM 56-8
BM 56-9					129						179		BM 56-9
1	111	900	412	5	111½	36	161	290	462	5	193	36	Topanga Cyn. Blvd. & Topanga School
					136						241		Rd. @ Conc Bridge #1282.
2	109	655	410	5	82	54	215	330	516	5	189	52	See F.B. 2832-15
						90					186	88	
3	18	491	319	5	36 0	36	166	211	467	5	146	40	
					154	126					284	128	T. Siemann
4	126	290	427	5	98	56	254	429	555	5	224	60	
					41	182					288½	188	
5	9	376	310	5	9½	64	288	940	589	5	258½	60	
					50½	246					264	248	
6	23	699	324	5	23½	54	237	951	538	5	210	54	
						300						302	
												300	
	399	411					324	151				602	
							399	411					BM 56-8 (U.S.C.&G.S. A-50)
BM 56-8							924	740					Topanga Cyn. Blvd. & Conc Bridge #53-144
													See F.B. 2832-14

F.B. 4121 PG. 94 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY G.E.O. NOTES Maldonado 11-3-71

INDEXED T. M. PALMERI DATE

WEATHER Sunny & Breezy INST. NO. 96716

TIME 1:20 to 1:40 ROD NO. 95-96

NOTES CHKD BLANCHARD DATE DEC 1 71

T=92°

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 BM. 56-9 TO BM. 56-10
BM. 56-9									BM. 56-9
1	170	837	471 5	190 / 150 40	112	214	413 5	132 / 92 40	TOPANGA CY'N. BLVD & TOPANGA SCH. RD. @ BRIDGE #1282
2	261	956	562 5	297 / 225 72 / 112	77	312	378 5	115 / 39 76 / 116	SEE F.B. 2832-15
3	235	093	536 5	292 / 198 74 / 186	135	757	436 5	170 / 100 70 / 186	
4	219	439	520 5	253 / 185 68 / 254	37	634	338 5	70 / 4 66 / 252	⊼ J. MALDONADO
5	255	454	556 5	286 / 224 62 / 316	33	699	334 5	64 / 2 62 / 314	
6	298	541	599 5	1/2 298 / 274 48 / 364	83	810	384 5	106 / 60 46 / 360	
7	220	~~561~~ 497	521 5	253 / 187 66 / 430	88	391	389 5	122 / 54 68 / 428	
8	167	018	468 5	176 / 158 18 / 448	142	728	443 5	152 / 132 20 / 448	
BM. 56-10								448	B.M. 56-10
	1828	835			711	545		896	TOPANGA CY'N. BLVD & HIGHVALE TRAIL
	711	545							E. SIDE RD. CONC. HEADWALL
	+1117	290							SEE F.B. 2832-16

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

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 10-27-71

INDEXED T. M. PALMERI DATE NOV 24 '71

WEATHER OVERCAST

TIME 2:40 - 3:15

NOTES CHKD BLANCHARD DATE

INST. NO. 9711

ROD NO. 95-96

F.B. 4121 PG. 95

T = 60°

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 BM. 56-10 TO BM. 56-9
B.M. 56-10							246						~~TOPANGA CYN BLVD & HIGHVALE TRAIL~~
1	92	301	393	5	1/2 126 92	68	~~346~~	511	547	5	278 214	64	BM. 56-10
													TOPANGA CYN BLVD. & HIGHVALE TRAIL
2	114	697	415	5	144 84	60	297	542	598	5	297 267 1/2	60	E. SIDE RD. IN CONC. HEADWALL
						128						124	SEE F.B. 2832-16
3	30	411	331	5	60 0	60	243 ~~232~~	703	544	5	275 211	64	
						188						188	
4	29	111	330	5	1/2 ~~[illegible]~~ 63 29	68	244	211	545	5	277 211	66	⊼ J. MALDONADO
						256						254	
5	127	991	428	5	159 95	64	225	853	526	5	257 193	64	
						320						318	
6.	119	672	420	5	154 84	70	254	179	555	5	288 220	68	
						390						386	
7.	67	699	368	5	96 38	58	220	465	521	5	248 192	56 442	
8.						448							
BM. 56-9	146 ~~142~~	257	447	5	148 144	4	113	032	414	5	118 108	10	B.M. 56-9
						452						452	TOPANGA CYN. BLVD & TOPANGA SCH. RD
												452	C. BRIDGE # 1282
	728	139					1845	496				904	SEE F.B. 2832-15
							728	139					
						-	1117	357					

F.B. 4121 PG. 96 JOB NO. 030102

SURVEY OF LA Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES T. OHASHI 11-3-71

INDEXED T. M. PALMERI DATE

T=84°

WEATHER SUNNY INST. NO. 96716

TIME 11:00 - 11:45 ROD NO. 95-96

NOTES CHKD BLANCHARD DATE DEC 1 71

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 10-28-71
INDEXED T. M. PALMERI DATE NOV 24 '71
WEATHER Cloudy
TIME 9:25 - 9:45
NOTES CHKD BLANCO DATE DEC 1 '71
INST. NO. 96716
ROD NO. 95 & 96
F.B. 4121 PG. 97
T=52°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 56-10 TO BM. 56-10A
BM. 56-10													B.M. 56-10
1	271	458	572	5	297 / 246	52	48	133	349	5	74 / 22	52	TOPANGA CYN. BLVD & HIGHVALE TRAIL
													E. SIDE RD. IN CONC. HEADWALL
2	268	339	569	5	296 / 240	56 / 108	81	073	382	5	108 / 51	57 / 109	SEE F.B. 2832-16
3	266	358	567	5	303 / 229	74 / 182	166	800	467	5	204 / 128	76 / 185	
4	167	684	468	5	197 / 137	60 / 242	3	656	304	5	32 / 3	58 / 243	⊼ J. MALDONADO
5	210	482	511	5	234 / 186	48 / 290	114	983	415	5	139 / 89	50 / 293	
6	237	317	538	5	246 / 228	18 / 308	89	062	390	5	96 / 81	15 / 308	
BM. 56-10A												308	BM. 56-10A
	1421	638					503	707				616	TOPANGA CYN. BLVD & OPPOSITE
	503	707											WOODEN BRIDGE @ HOUSE # 815
	+917	931											SEE F.B. 933-226

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4V2 PG. 98 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES T. OKASAKI 11-3-71

INDEXED T.M. PALMERI DATE

WEATHER SUNNY INST. NO. 96716

TIME 10:30-11:00 ROD NO. 95-96

NOTES CHKD BLANCHARD DATE 1 71

T=80°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 56-10A TO BM. 56-10
B.M. 56-10A													B.M. 56-10A
1	30	309	331	5	42/18	24	188	953	189	5	199/176	23	TOPANGA CYN BLVD. OPPOSITE
													WOODEN BRIDGE HOUSE # 815
2.	130	522 ~~527~~	131	5	154/106	48	215	823	516	5	237/193	44	SEE F.B. 933-226
						72						67	
3.	36	009	337	5	54/18	36	223	367	524	5	241/205	36	
						108						103	
4.	157	671	458	5	188/126	62	117	784	418	5	150/84	66	J. MALDONADO
						170						169	
5.	9	900	310	5	140/79	62	206	455	507	5	236/175	61	
						232						230	
6.	38	567	339	5	64/12	52	261	040	562	5	286/236	50	
						284						284	
7.	93	021	394	5	104/82	22	200	666	501	5	213/187	26	
						306						306	
B.M. 56-10												306	B.M. 56-10
	495	999					1414	088				612	TOPANGA CYN BLVD. & HIGHVALE TRAIL
							495	999					E. SIDE RD. IN CONC. HEADWALL
							918	089					SEE F.B. 2832-16

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 56-10A TO B.M. 56-10B
BM 56-10A									B.M. 56-10A
1	246	092	547 5	220 222 48	8	109	309 5	1/2 30 8 44	TOPANGA CY'N BLVD. OPPOSITE
									WOODEN BRIDGE HOUSE # 815
2	274	841	575 5	298 250 48	90	039	391 5	114 66 48	SEE F.B. 933-226
				96				92	
3	286	967	587 5	306 266 40	115	832	416 5	137 95 44	
				136				136	
4	184	313	485 5	189 179 10	144	758	445 5	149 139 10	J. MALDONADO
				146				146	
BM 56-10B								146	B.M. 56-10B
	992	213			358	738		292	TOPANGA CY'N BLVD. 225 F. N. ESTLY
	358	738							OF ROBINSON RD.
									SEE F.B. 933-230
	+633	475							

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

SURVEY BY G.E. DREIER

NOTES BY T. Bunsht DATE 10-28-71

INDEXED T. M. PALMERI DATE NOV 24 '71

WEATHER T=54° Cloudy

TIME 9:45 - 10:00

NOTES CHKD BLANCHARD DATE DEC 1 '71

INST. NO. 96716

ROD NO. 95-96

F.B. 4121 PG. 99

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 56-10B TO BM. 56-10A
B.M.56-10B	56			36					B.M. 56-10B
1	~~57~~	793	357 5	½ 74 56 ~~18~~	135	047	436 5	152 118 34	TOPANGA CYN BLVD. ~~225 FT. N. ESTLY OPPOSITE~~
									~~HOUSE#~~ ROBINSON RD.
2	14	022	315 5	½ 33 16 38	249	857	550 5	269 229 40	SEE F.B 933-230
				74				74	
3.	96	708	397 5	120 72 48	296	818	597 5	½ 296 276 40	
				122				114	⊼ J. MALDONADO
4.	76	982	377 5	89 63 26	196	262	497 5	213 179 34	
				148 ✓				148 ✓	
BM 56-10A								148	B.M. 56-10A
	244	505 ✓			877	984 ✓		296	TOPANGA CYN BLVD. OPPOSITE
					244	505 ✓			WOODEN BRIDGE HOUSE# 815
					-633	479 ✓			SEE F.B. 933-226

F.B. 4121 PG. 108 JOB NO. 0301.02

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

SURVEY BY G.E.D. NOTES T.O. 11-3-71

INDEXED T. M. PALMERI DATE

WEATHER SUNNY INST. NO. 96716

TIME 10:10 - 10:30 ROD NO. 95-96

NOTES CHKD BLANCHARD DATE DEC 1 71

T = 80°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 56-10B TO B.M. 56-11A
B.M. 56-10B													B.M. 56-10B
1.	289	111	590	5	307 / 269	38	68	975	369	5	88 / 48	40	TOPANGA CYN. BLVD. 225 FT. N. ESTLY OF ROBINSON RD.
2.	299	789	600	5	1/2 299 / 2286	26 / 64	82	173	383	5	96 / 68	28 / 68	SEE F.B. 933-230
3.	260	449	561	5	290 / 230	60 / 124	51	511	352	5	79 / 23	56 / 124	⊼ J. MALDONADO
4.	267	710	568	5	301 / 233	68 / 192	109	953	410	5	143 / 75	68 / 192	
5.	131	449	432	5	164 / 98	66 / 258	109	148	410	5	141 / 77	64 / 256	
6.	201	932	502	5	232 / 170	62 / 320	92	156	393	5	125 / 59	66 / 322	
7.	238	640	539	5	272 / 204	68 / 388	101	303	402	5	134 / 68	66 / 388	
8	201	121	502	5	213 / 189	24 / 412	208	578	509	5	220 / 196	24 / 412	
BM. 56-11A												412	B.M. 56-11A
	1890	201					823	797				824	TOPANGA CYN. BLVD. OPPOSITE HOUSE #1270 IN CONC. HEADWALL
	823	797											SEE F.B. 3733-85
	+1066	404											

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

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 10-28-71

INDEXED I. M. PALMER DATE NOV 24 71

WEATHER T=56° SCATTERED CLOUDS

TIME 10:00

NOTES CHKD BLANCHARD DATE DEC 1 71

F.B. 4121 PG. 101

INST. NO. 96716

ROD NO. 95-96

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 56-11A TO B.M. 56-10B
BM. 56-11A													B.M. 56-11A
1.	140	119	441	5	163 / 117	46	161	912	462	5	183 / 139	44	TOPANGA CYN. BLVD. OPPOSITE
													HOUSE # 1270 IN CONC. HEADWALL
2.	111	620	412	5	141 / 81	60	223	538	524	5	254 / 192	62	SEE F.B. 3733-85
						106						106	
3.	106	529	407	5	140 / 72	68	215	795	516	5	248 / 182	66	
						174						172	⊼ J. MALDONADO
4.	127	569	428	5	163 / 91	72	259 ~~262~~	264	560	5	296 / 222	74	
						246						246	
5	154	204	455	5	187 / 121	66	284	081	585	5	285 / 251	68	
						312						314	
6.	25	433	326	5	152 / 225	54	282	468	583	5	282 / 254	56	
						366						370	
7.	3	352	304	5	1/2 20 / 3	34	261	181	562	5	279 / 243	36	
						400						406	
8	129	232	430	5	133 / 125	8	176	200	477	5	178 / 174	04	
						408						410	
BM. 56-10B												408	BM. 56-10B
	798	058					864	439				818	TOPANGA CYN. BLVD. 225 FT. N. ESTL
							798	058					OF ROBINSON RD.
						-	066	381					SEE F.B. 933-230

F.B. 4121 PG. 102 JOB NO. 0301.02

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

SURVEY BY G.E.D. NOTES T. OHASHI 11-3-71

INDEXED T. M. PALMERI DATE

WEATHER SUNNY INST. NO. 96746

TIME 940 - 1010 ROD NO. 95496

NOTES CHKD BLANCHARD DATE DEC 1 '71

T = 80°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM. 56-11A TO BM. 56-11B
BM. 56-11A									BM. 56-11A
1	234	770	535 5	269 / 199 70	37	381	338 5	71 / 3 68	TOPANGA CYN BLVD OPPOSITE
									HOUSE # 1270 IN CONC. HEADWALL
2	180	169	481 5	209 / 151 58	121	701	422 5	150 / 92 58	SEE F.B. 3733-85
				128				126	
3	237	232	538 5	263 / 211 52	56	770	357 5	81 / 31 50	
				180				176	⊼ B. SIEMANN
4	197	960	498 5	204 / 190 14	107	291	408 5	116 / 98 18	
				194				194	
BM. 56-11B								194	B.M. 56-11B (US. C&GS X-1135
	850	131			323	143		388	TOPANGA CYN BLVD OPPOSITE
	323	143							HOUSE # 1419 IN CONC. HEADWALL
									OF CATCH BASIN
	+526	988							SEE F.B. 3733-86

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

SURVEY BY G.E. DREIER WEATHER SCAT. CLOUDS INST. NO. 96716

NOTES BY T. OHASHI DATE 10-28-71 TIME 10:45 - 11:00 ROD NO. 95-96

INDEXED T. M. PALMERI DATE NOV 24 '71 NOTES CHKD BLANCHARD DATE DEC 1 '71

F.B. 4121 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM. 56-11B TO BM. 56-11A
B.M. 56-11B													B.M. 56-11B
1	67	855	368	5	1/2 97 67	48	269	219	570	5	292 246	46	TOPANGA CYN. BLVD. & OPPISITE
													HOUSE # 1419 IN CONC. HEADWAL
2	72	384	373	5	104 40	64	186	858	487	5	217 155	62	OF CATCH BASIN
						112						108	SEE F.B. 3733-86
3	102	640	403	5	135 69	66	263	789	564	5	298 228	70	
						178						178	
4	157	120	458	5	167 147	20	207	259	508	5	216 198	18	⊼ B. SIEMANN
						198						196	
B.M. 56-11A												198	BM. 56-11A
	399	999					927	125				394	TOPANGA CYN. BLD. OPPOSITE
							399	999					HOUSE # 1270 IN CONC. HEADWALL
						-	527	126					SEE F.B. 3733-85

F.B. 4121 PG. 104 JOB NO. 0301.02

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

SURVEY BY G.E.D. NOTES T. OHASHI 11-2-71

INDEXED T. M. PALMER DATE

WEATHER SUNNY INST. NO. 96716

TIME 925 - 940 ROD NO. 95696

NOTES CHKD. BLANCHARD DATE DEC 1 71

T = 80°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 56-11B TO B.M. 56-12
B.M. 56-11B													B.M. 56-11B (U.S.C. & G.S. X-1135)
1	269	644	570	5	292 / 246	46	43	171	344	5	66 / 20	46	TOPANGA CYN BLVD OPPOSITE
													HOUSE # 1419 IN CONC. HEADWALL
2	290	610	591	5	290½ / 261½	58 / 104	40	832	341	5	20 / 16	60 / 106	OF CATCH BASIN
													SEE F.B. 3733-86
3	274	480	575	5	292 / 256	36 / 140	23	222	324	5	41 / 5	36 / 142	⊼ B. SIEMANN
4	229	811	530	5	241 / 217	24 / 164	121	941	422	5	132 / 110	22 / 164	
B.M. 56-12												164	B.M. 56-12
	1064	545					229	166				328	TOPANGA CYN BLVD & CHENEY DR. IN
	229	166											CONC. BRIDGE # 53-407
													SEE F.B. 2832-18
	+835	379											

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 60°
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 10-28-71 WEATHER SEMI CLOUDS INST. NO. 96716
INDEXED T. M. PALMER DATE NOV 24 '71 TIME 11:00 - 11:15 ROD NO. 95-96
NOTES CHKD. BLANCHARD DATE
F.B. 4121 PG 105

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 422 PG. 106 JOB NO. 030102

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

SURVEY BY G.E.D. NOTES T. CHASH 11-2-71

INDEXED I. M. PALMERI DATE

WEATHER SUNNY INST. NO. 96716

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

NOTES CHKD. R. BLANCHARD DATE DEC 1971

T = 84°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 56-12 TO BM. 56-11B
BM. 56-12													BM 56-12
1.	64	814	365	5	81 47	34	215	132	546	5	265 225	40	TOPANGA CYN. BLVD & CHENEY DR.
													IN CONC. BRIDGE # 53-407
2.	14	301	315	5	½ 34 14	40	254	218	555	5	272 232	36	SEE F.B. 2832-18
						74						76	
3.	40	220	341	5	78	60	296	660	597	5	½ 296 268	58	
						134						132	T B. SIEMANN
4.	77	400	378	5	93 61	32	236	080	537	5	252 220	32	
						166						164	
												166	BM. 56-11B (USC&GS. X-1135
BM. 56-11B												330	TOPANGA CYN. BLVD. OPPOSITE
	196	735					1032	090					HOUSE # 1410 IN CONC. HEADWALL
							196	735					IN CATCH BASIN
							835	355					SEE F.B. 3733-86

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.56-12													FROM BM. 56-12 TO BM.56-12A
													B.M. 56-12
1.	293	638	594	5	293 1/2 275 2	36	92	260	393	5	110 74	36	TOPANGA CYN BLVD & CHENEY DR. IN
													CONC. BRIDGE # 53-407
2.	293	879	594	5	293 1/2 276 2	34	10	090	311	5	1/2 28 20	36	SEE F.B. 2832-18
						70						72	
3.	285	330	586	5	308 263	44	16	615	317	5	1/2 37 16	42	
						114						114	⊼ B. SIEMANN
4.	300	062	601	5	1/2 300 280	40	16	368	317	5	1/2 36 16	40	
						154						154	
5	296	297	597	5	1/2 296 275	42	10	000	311	5	1/2 30 10	40	
						196						194	
6.	298	400	599	5	1 298 279	38	15	752	316	5	1/2 36 15	42	
						234						236	
7.	300	990	601	5	1/2 300 287	38	6	303	307	5	1/2 24 6	36	
						272						272	
8.	297	418	598	5	1/2 297 279	36	59	270	360	5	78 40	38	
						308						310	
9.	160	031	461	5	168 152	16	187	069	488	5	194 180	14	
	2526	045				324	413	727				324	
B.M.56-12A	413	727										324	B.M 56-12A
+	2112	318										648	TOPANGA CYN. BLVD & TIGER TRAIL IN
													TOP OF CONC. CULVERT HEADWALL
													SEE F.B. 3733-89

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREHER
NOTES BY T. OHASHI DATE 10-28-71
INDEXED T. M. PALMER DATE NOV 24 '71
WEATHER SCAT. CLOUDS T=60°
TIME 11:15 - 11:50
NOTES CHK BLANCHARD DATE DEC 1 71
INST. NO. 96716
ROD NO. 95-96
F.B. 4121 PG. 107

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

T= 86°

WEATHER Sunny INST. NO. 96716

TIME 2:15 — 2:50 ROD NO. 46196

NOTES CHKD BLANCHARD DATE DEC 1 71

F.B. 4121 PG. 108 JOB NO. 0301.02

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

SURVEY BY G.E.D. NOTES T. OHASHI 11-2-71

INDEXED I. M. PALMER DATE

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													From BM56-12A to BM56-12
BM.56-12A													BM56-12A
1	133	470	434	5	153 / 113	40	258	513	559	5	278 / 238	40	Topanga Cyn. Blvd. & Tiger Trail
													See F.B. 3733-89
2	6	883	307	5	½ 23 / 6	34 / 74	300	760	601	5	½ 300 / 2281	38 / 78	
3	12	679	313	5	½ 31 / 12	38 / 112	279	420	580	5	299 / 259	40 / 118	
													⊼ B. SIEMANN
4	10	351	311	5	½ 30 / 10	40 / 152	300	019	601	5	½ 300 / 2281	38 / 156	
5	21	321	322	5	41 / 01	40 / 192	277	880	578	5	295 / 259	36 / 192	
6	10	955	311	5	½ 30 / 10	40 / 232	280	872	581	5	300 / 260	40 / 232	
7.	38	000	339	5	58 / 18	40 / 272	292	035	593	5	½ 292 / 2246	36 / 268	
8.	21	595	322	5	36	30 / 302	206	041	507	5	222 / 190	32 / 300	
9.	74	397	375	5	85 / 63	22 / 324	246	558	547	5	258 / 234	24 / 324	
												324	BM.56-12
BM.56-12												648	Topanga Cyn Blvd & Chenney Dr. in
	329	651					244	098					Bridge (Conc) # 533-407
							329	651					See F.B. 2832-18
							- 2112	447					

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 BM56-12A TO BM56-13
BM56-12A		644			304 ~~378~~						59		BM56-12A
1	291	636	592	5	~~388~~ 278	26	38	100	339	5	25	34	Topanga Cyn. Blvd. & Tiger Trail
											52		see F.B. 3733-89
2	299	100	600	5	299½ 274½	50	28	492	329	5	4	38	
					300	76					91	72	
3	291	218	592	5	282	18	81	320	382	5	71	20	T-Siemann
					307	94					32½	92	
4	285	249	586	5	263	44	10	252	311	5	10½	44	
					299½	138					29½	136	
5	299	990	600	5	281½	36	9	492	310	5	9½	40	
					290½	174					35½	176	
6	290	359	591	5	271½	38	16	857	317	5	16½	38	
					296½	212					74	214	
7	296	081	597	5	276½	40	54	858	355	5	34	40	
					296½	252					77	254	
8	296	559	597	5	277½	38	59	691	360	5	41	36	
					298 5	290					124	290	
9	27~~8~~ 2	~~999~~ 210	57~~8~~ 3	5	~~254~~ 249	4~~4~~	100	902	401	5	76	48	
						336						338	
												336	
	2622	402					399	964				674	
	399	964											
	+2222	438											BM56-13
BM56-13													Topanga Cyn. Blvd. & Conc. Culvert
													#SM-1, Opposite Topanga Corral Bldg
													See F.B. 2832-19

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

SURVEY BY G.E. Draier

NOTES BY Maldonado DATE 10-28-71

INDEXED T. M. PALMERI DATE NOV 24 '71

WEATHER Sunny & Breezy INST. NO. 96716

TIME 1:05 to 1:30 ROD NO. 95 & 96

NOTES CHKD. BLANCHARD DATE DEC 1 '71

T-60

F.B. 4121 PG. 109

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4121 PG. 110 JOB NO. 0301.02

SURVEY OF L.A. CO. PRELIM LEVEL NET

SURVEY BY Dreier NOTES Maldonado 11-2-71

INDEXED T. M. PALMER DATE

WEATHER Sunny & Breezy INST. NO. 9671

TIME 11:25-12:00 ROD NO. 95-89

NOTES CHKD BLANCHARD DATE DEC 1 71

T-80°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 56-13 TO BM 56-12A
BM 56-13					129						279		BM 56-13
1	109	581	410	5	89	40	259	451	560	5	239	40	Topanga Cyn. Blvd. Opposite
					49						304		Topanga Corral Bldg.
2	24	811	325	5	-1	50	279	809	580	5	254	50	See F.B. 2833-19
					27 1/2	90					297 1/2	90	
3	7	609	308	5	7 1/2	40	297	570	598	5	278 1/2	38	
					35 1/2	130					293 1/2	128	
4	16	819	317	5	16 1/2	38	293	030	594	5	274 1/2	38	
					34 1/2	168					307	166	R. Siemann
5	15	340	316	5	15 1/2	38	288	561	589	5	269	38	
					26 1/2	206					289	204	
6	6	491	307	5	6 1/2	40	267	901	568	5	295	44	
					61	246					300 1/2	248	
7	42	870	343	5	23	38	300	621	601	5	283 1/2	34	
					35	284					260	282	
8	23	169	324	5	11	24	249	675	550	5	238	22	
					62	308					296	304	
9	45	736	346	5	28	34	278	211	579	5	260	36	
						342						340	
												342	
												682	
	292	426					251	4829					
							292	426					
							-222	403					
BM 56-12A													BM 56-12A
													Topanga Cyn. Blvd. & Tiger Trail
													See F.B. 3733-89

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. 56-13 TO B.M. 56-13A
B.M. 56-13									B.M. 56-13
1	31	720	332 5	41 21 20	211	942	512 5	221 201 20	TOPANGA CN. BLVD. & TOPANGA CORAL
									SEE F.B. 2832-19
					31	720			T-MALDONADO
B.M. 56-13A								20 40	B.M. 56-13A
				-	180	222			TOPANGA CN. BLVD & MI. POST A-7.50
									SEE F.B. 2832-19

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN

INDEXED T.M. PALMERI

DATE 10-28-71

DATE NOV 24 71

WEATHER WINDY

TIME 1:50 TO 1:55

NOTES CHKD BLANCHARD

DATE DEC 1 71

INST. NO 96716

ROD NO. 95896

F.B. 4121 PG. 112

T = 60

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 56-13A TO B.M. 56-13
B.M. 56-13A									B.M. 56-13A
									TOPANGA CN. BLVD. & MI POST A-7.50
1	195	552	496 5	204 186 18	74	928	375 5	83 65 18	SEE F.B. 2832-19
									~~π~~ =
	~~74~~	~~928~~			100	277	401 5	102 ~~98~~	
B.M. 56-13								4 ~~18~~	B.M. 56-13
	~~120~~	~~624~~						~~36~~	TOPANGA CN. BLVD. & TOPANGA CORRAL
								4	SEE F.B. 2832-19
	159	858	460 5	161 157 4	175	205 ✓			
				22 ✓	~~159~~			22 ✓	
	355	410 ✓						22	
	~~175~~	~~204~~						44 ✓	
	~~180~~	~~206~~							
	355	410 ✓							
	175	205 ✓							
	+180	205 ✓							

T = 80°

WEATHER SUN - CLEAR INST. NO. 96716

TIME 11:10 TO 11:25 ROD NO. 95896

NOTES CHKD BLANCHARD DATE DEC 1 '71

F.B. 4/21 PG. 112 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES ~~MAL~~ SIEMANN 11-2-71

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREFIER
NOTES BY SIEMANN DATE 10-28-71
INDEXED T. M. PALMERI DATE NOV 24 71
WEATHER VERY WINDY TIME 2:10 TO 2:35
NOTES CHKD. BLANCHARD DATE DEC 1 71
INST. NO. 96716
ROD NO. 95E96
F.B. 4121 PG. 113
T = 60°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 56-13A TO B.M. 56-13B
B.M. 56-13A													B.M. 56-13A
1	296	970	597	5	306 286	20	75	002	376	5	85 65	20	TOPANGA CN. BLVD. & MI. POST A-7.50
													SEE F.B. 2832-19
2	258	293	559	5	276 240	36	56	032	357	5	73 39	34	
						56						54	
3	242	057	543	5	257 227	30	19	218	320	5	34 4	30	
						86						84	TL = MALDONADO
4	299	749	600	5	299 284	30	13	201	314	5	28 -2	26	
						116						110	
5	238	172	539	5	244 232	12	8	946	309	5	20 8	24	
						128						134	
6	284	793	585	5	294 274	20	73	952	374	5	80 66	14	
						148						148	
7	184	671	485	5	187 181	6	106	280	407	5	109 103	6	
						154						154	
												154	B.M. 56-13B (USC&GS RESEDA A-10)
B.M. 56-13B												308	TOPANGA CN BLVD. E.O.I.W. OF SANTA
	1804	705					352	631					MARIA RD. SEE F.B. 933-222
	352	631											
+	1452	074											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 56-13B TO B.M. 56-13A
B.M. 56-13B		3							B.M. 56-13B (RESEDA U.S.C.&G.S. A-10)
1	59	581	360 5	64 54 10	215	511	576 5	220 210 10	TOPANGA CN BLVD. 0.1 MI. W. OF
									SANTA MARIA RD. SEE F.B. 933-[illegible]2
2	25	439	326 5	35 15 20	268	978	569 5	278 258 20	
				30				30	
3	8	677	309 5	18 ½ 8 20	255	248	556 5	266 244 22	
				50				52	
4	23	948	324 5	36 10 26	264	434	565 5	277 251 26	$\overline{A}$ = MALDONADO
				76				78	
5	21	940	322 5	34 8 26	270	772	571 5	283 257 26	
				102				104	
6	7	010	308 5	21 ½ 7 28	110	359	411 5	124 96 28	
				130				132	
7	79	362	380 5	89 69 20	292	749	593 5	302 282 20	
				150				152	
B.M. 56-13A								150	B.M. 56-13A
	225	957			1678	051		302	TOPANGA CN BLVD. & TOPANGA CORRAL.
					225	957			SEE F.B. 2832-19
					-1452	094			

F.B. 4121 PG. 114 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-2-71

INDEXED T. M. PALMERI DATE

WEATHER SUNNY, CLEAR INST. NO. 96716

TIME 10:45 TO 11:10 ROD NO. 95896

NOTES CHKD. BLANCHARD DATE DEC 1 '71

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

SURVEY BY G.F. DREIER DATE 10-28-71 TIME 2:40 TO 3:00 WEATHER VERY WINDY INST. NO 96716

NOTES BY SIEMANN ROD NO 95496

INDEXED T.M. PALMERI DATE NOV 24 '71 NOTES CHKD BLANCHARD DATE DEC 1 '71

F.B. 4121 PG. 115

T=58°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 56-13B TO B.M. 56-13C
B.M. 56-13B	"										B.M. 56-13B (RESEDA U.S.C.&G.S. A-10)
1	205	207	506	5	215 195 20	19	274	320	5	30 8 22	TOPANGA CN. BLVD. & 0.1 MI. W. OF
											SANTA MARIA RD. SEE F.B. 933-222
2	258	081	559	5	269 247 22	31	521	332	5	42 20 22	
					42					44	
3	283	793	584	5	294 272 22	11	706	312	5	21 1 20	
					64					64	
4	278	979	579	5	289 267 22	9	837	310	5	20 -2 22	T = MALDONADO
					86					86	
5	257	656	558	5	268 246 22	43	166	344	5	55 31 24	
					108					110	
6	298	835	599	5	298 286 24	24	323	325	5	36 12 24	
					132					134	
7	234	883	535	5	246 222 24	17	512	318	5	28 6 22	
					156					156	
										156	B.M. 56-13C
B.M. 56-13C										312	TOPANGA CN. BLVD. & HO# 2266
	181	434				157	339				SEE F.B. 3733-97
	157	339									
	+166	095									

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4121 Pg. 116 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DEEIER NOTES SIEMANN 11-2-71

INDEXED T. M. PALMERI DATE

WEATHER SUNNY, HOT INST. NO. 96716

TIME 10:25 TO ROD NO. 25396

NOTES CHKD BLANCHARD DATE DEC 1 '71

T = 80°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 56-13C TO B.M. 56-13B
B.M. 56-13C							3						B.M. 56-13C
1	32	249	333	5	48 / 16	32	291	509	592	5	306 / 276	30	TOPANGA CN. BLVD. & HO.# 2266
													SEE F.B. 3733-97
2	19	300	320	5	28 / 10	18	268	089	569	5	278 / 258	20	
						50						50	
3	13	481	314	5	28 / −2	30	287	757	588	5	300 / 274	26	
						80						76	
4	25	759	326	5	35 / 15	20	284	101	585	5	296 / 272	24	
						100						100	T = MALDONADO
5	13	743	314	5	23 / 3	20	288	820	589	5	299 / 277	22	
						120						122	
6	34	100	335	5	44 / 24	20	250	838	551	5	260 / 240	20	
						140						142	
7	52	382	353	5	61 / 43	18	180	188	481	5	188 / 172	16	
						158						158	
B.M. 56-13B												158	B.M. 56-13B (U.S.C.&G.S. A-10)
	191	014					185	302				316	TOPANGA CN. BLVD. 0.1 MI W. OF
							191	014					SANTA MARIA RD. SEE F.B. 933-222
							+ 166	288					

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 10-29-71 TIME 1:00 TO 1:40 WEATHER SUNNY, CLEAR INST. NO 26716

INDEXED T. M. PALMER DATE NOV 24 71 NOTES CHKD BLANCHARD DATE DEC 1 71 ROD NO 26896

F.B. 4121 PG. 117

T = 62°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 56-13C TO B.M. 56-14
M.56-13C													B.M.56-13-C
1	290	453	591	5	300 280	20	47	278	348	5	57 37	20	TOPANGA CN. BLVD. & HO^D 2266
													SEE F.B. 3733-97
2	291	710	592	5	302 280	22	15	779	316	5	25 5	20	
						42						40	
3	268	684	569	5	278 258	20 20	9	746	310	5	19 -1	20	
						62						60	
4	263	653	564	5	274 252	22 22	70	222	371	5	82 58	24	T = MALDONADO
						84						84	
5	248	052	549	5	259 237	22	9	555	310	5	22 9	26	
						106						110	
6	282	679	583	5	294 270	24	25	038	326	5	35 15	20	
						130						130	
7	288	129	586	5	296 274	22	22	399	323	5	32 12	20	
						152						150	
8	279	021	580	5	289 269	20	10	910	311	5	20 0	20	
9	274	531	575	5	285 263	172 22	6	897	307	5	18 6	170 24	
						194						194	
10	286	791	587	5	296 276	20	38	100	339	5	48 28	20	
						214						214	
11	289	169	590	5	288 288	18	4	791	305	5	14 -4	20	
						232						234	
12	261	312	562	5	266 256	10	51	139	352	5	56 46	10	
						242						244	
B.M. 56-14	33											242	B.M. 56-14
	121	184					311	854				486	TOPANGA CN. BLVD. & ENTRADO DR.
	311	854											SEE F.B. 2832-20
+	509	330											
	30												

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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.56-14 TO B.M.56-13C
B.M.56-14													B.M.56-14
1	17	151	318	5	24 10	14	2 X95	951	596	5	302 288	14	TOPANGA CN. BLVD & ENTRADA DR.
													SEE F.B. 2832-20
2	15	871	316	5	21 9	12	274	020	575	5	280 268	12	
						26						26	
3	33	913	334	5	44 22	22	292	502	593	5	304 280	24	
						48						50	
4	5	539	306	5	1/2 16 5	22	284	662	585	5	294 274	20	
						70						70	Π = MALDONADO
5	10	117	311	5	21 -1	22	286	910	587	5	297 275	22	
						92						92	
6	14	651	315	5	24 4	20	281	888	582	5	290 272	18	
						112						110	
7	16	929	317	5	26 6	20	260	327	561	5	270 250	20	
						132						130	
8	17	957	318	5	27 7	20	300	166	601	5	300 291	18	
						152						148	
9	27	322	328	5	39 15	24	219	036	520	5	231 207	24	
						176						172	
10	7	732	308	5	1/2 18 7	22	288	623	589	5	299 277	22	
						198						194	
11	28	337	329	5	37 19	18	275	299	576	5	286 264	22	
						216						216	
12	75	319	376	5	81 69	12	220	958	521	5	226 214	12	
						228						228	
B.M.56-13C												228	B.M.56-13C
	270	838					3280	342				456	TOPANGA CN. BLVD. & HO# 2266
							270	838					SEE F.B. 3733-97
							-3009	504					

T = 74°

WEATHER LT. BREEZE INST. NO. 9676

TIME 9:50 TO 10:25 ROD NO. 95896

NOTES CHKD BLANCHARD DATE DEC 1 71

F.B. 4121 PG. 118 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-02-71

INDEXED T. M. PALMER 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 10-29-71 WEATHER LT BREEZE INST. NO. 96716

NOTES BY SIENKNN TIME 1:45 PM 1:55 ROD NO. 95496

INDEXED T. M. PALMER DATE NOV 24 71 NOTES CHKD BLANCHARD DATE DEC 1 71

T = 64°

F.B. 4121 PG. 119

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 56-14 TO B.M. 56-14A
B.M. 56-14													B.M. 56-14
1	152	900	453	5	177 127	50	184	166	485	5	209 159	50	TO PANGA CN. BLVD. & ENTRADO DR.
													SEE F.B. 2832-20
2	194	792	495	5	202 186	16	204	589	505	5	212 196	16	
						66						66	
B.M. 56-14A												66	B.M. 56-14A (U.S.C.&G.S. X-49
	347	692					388	755				132	TO PANGA CN. BLVD. 400 FT. N. OF ENTRADO DR
							347	692					SEE F.B. 3733-99
							-41	063					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 56-14A TO B.M. 56-14
B.M. 56-14A													B.M. 56-14A (U.S.C.&G.S. X-49)
1	140	913	441	5	161 119	42	123	351	424	5	145 101	44	TOPANGA CN. BLVD. & 400' N. OF
													ENTRADO DR. SEE F.B. 3733-99
2	180	093	481	5	196 164	32	156	608	457	5	173 139	34	
						74						78	π = MALDONADO
B.M. 56-14												74	B.M. 56-14
	321	006					279	959				152	TOPANGA CN. BLVD. & ENTRADO DR.
	279	959											SEE F.B. 2832-20
	+ 41	047											

F.B. 4121 PG. 120 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-1-71

INDEXED T. M. PALMERI DATE

T = 72°

WEATHER SUNNY, CLEAR INST. NO. 96716

TIME 3:05 TO 3:15 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 MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM BM56-14A TO BM56-15
BM 56-14A			192			144	BM 56-14A (U.S.C.&G.S. X-49)
1	167 389	468 5	142 50	118 890	419 5	92 52	Topanga Cyn Blvd, & 400 Ft. N'ly of
			291			169	Entrado Dr.
2	258 151	559 5	225 66	137 680	438 5	105 64	See F.B. 3733-99
			298 116			58 116	
3	271 380	572 5	244 54	-30 511	331 5	2 56	
			297 170			103 170	
4	297 930	598 5	268 58	74 799	375 5	45 58	A-Siemann
			262 228			61 230	
5	255 563	556 5	248 14	54 460	355 5	47 14	
			183 242			128 244	
6	172 500	473 5	161 22	117 388	418 5	106 22	
			257 264			62 266	
7	238 136	539 5	219 38	43 788	344 5	24 38	
			234 302			123 304	
8	216 163	517 5	198 36	106 375	407 5	89 34	
			298 338			61 338	
9	298 820	599 5	277 42	40 840	341 5	19 42	
			265 380			84 380	
10	239 840	540 5	213 52	56 920	357 5	28 56	
			275 432			94 436	
11	243 060	544 5	211 464	63 259	364 5	32 62	
			209 506			131 498	
12	203 650	504 5	197 12	125 650	426 5	119 12	
			~~518~~ 508			510	BM 56-15
	2862582			970560		~~518~~	Topanga Cyn Blvd & Mile Post
	970560					~~1028~~	"A-8.8 miles"
						508	See F.B. 2832-21
BM 56-15						1018	
	~~13833142~~	1892 022					

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 10-29-71

INDEXED T. M. PALMERI DATE NOV 2 8 71

WEATHER Sunny & Calm

TIME 1:55 to 2:35

NOTES CHKD BLANCHARD DATE DEC 1 71

T-64°

F.B. 4121 PG. 121

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.

F.B. 4121 PG. 122 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-1-71

INDEXED T. M. PALMERI DATE

WEATHER Sunny & Clear INST. NO. 9671

TIME 2:40 pm ROD NO. 95-24

NOTES CHKD BLANCHARD DATE DEC 1 71

T-74

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM56-15 TO BM56-14A
BM56-15					54						268		BM56-15
1	24	122	325	5	24½	60	238	031	539	5	208	60	Topanga Cyn. Blvd. & Mi. Post
					96						280		A-8.8 miles
2	62	879	363	5	28	68	280	959	581	5	246½	68	See F.B. 2832-31
					68	128					301	128	
3	47	362	348	5	26	42	301	262	602	5	280½	42	
					82	170					294	170	
4	54	150	355	5	26	56	294	680	595	5	264½	60	T. Siemann
					66	226					296	230	
5	42	105	343	5	18	48	296	020	597	5	272½	48	
					33	274					296	278	
6	10	441	311	5	10½	46	273	665	574	5	250	46	
					38	320					305	324	
7	8	590	309	5	8½	60	277	990	578	5	249	56	
					165	380					271	380	
8	130	158	431	5	95	70	236	020	537	5	201	70	
					118	450					192	450	
9	94	440	395	5	71	47	168	089	469	5	144	48	
						497						498	
												497	
	474	247					2366	716				995	
							474	247					
							892	469					
													BM56-14A (U.S.C.&G.S. X-49)
													Topanga Cyn. Blvd. & 400± Ft. N/y
													of Entrado Dr.
BM56-14A													See F.B. 3733-99

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 11-8-71
NOTES BY Maldonado
INDEXED J. M. PALMERI DATE NOV 24 '71
WEATHER Hazy Sun TIME 1:05 to 1:45
NOTES CHKD. BLANCHARD DATE DEC 1 '71
F.B. 4121 PG. 123
INST. NO. 96716
ROD NO. 95896

T-70

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM BM 56-14A TO BM 56-15
BM 56-14A											BM 56-14A (U.S.C.&G.S. X-19 1945)
1	179	313	480	5	209 154 50	99	351	400	5	124 74 50	Topanga Cyn. Blvd. & 400 Ft ± N'ly of Entrado Dr.
2	226	312	527	5	264 188 76	97	568	398	5	134 60 74	See F.B. 3733-99
3	294	757	595	5	294½ 261½ 126 66	26	420	327	5	57½ 26½ 124 62	
4	279	729	580	5	291 267 892 24	68	822	369	5	82 54 186 28	
5	289	322	590	5	289½ 266½ 216 46	34	462	335	5	57 11 214 46	π-Siemann
6	263	457	564	5	286 240 262 46	65	650	366	5	88 42 260 46	Re-Run
7	286	231	587	5	286½ 256½ 308 60	86	570	387	5	117 55 306 62	
8	231	651	532	5	247 215 368 32	77	701	378	5	93 61 368 32	
9	238	630	539	5	257 219 400 38	70	550	371	5	84 51 400 38	
10	285	052	586	5	285½ 261½ 438 48	55	209	356	5	79 31 438 48	
					486					486	
										486	
	2574	484				682	303			972	
	682	303									
	+1892	181									
BM 56-15											BM 56-15
											Topanga Cyn. Blvd. & P.P. 1085767 E
											See F.B. 2832-21

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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
	44	31							FROM BM56-~~14A~~ 15 TO BM56-~~15~~ 14A
BM56-~~14A~~ 15									BM56-~~14A~~ 15
1	15	614	316 5	47 15½ 64	236	050	537 5	267 205 62	Topanga Cyn. Blvd. & P.P. # 1085767
2	50	860	351 5	84 16 68	270	388	571 5	304 236 68	See F.B 2832-21
3	33	031	334 5	55 11 132 44	300	392	601 5	300½ 277½ 130 46	
4	56	019	357 5	85 27 176 58	284	152	585 5	284½ 256½ 176 56	
5	13	701	314 5	38½ 13½ 234 50	290	210	591 5	290½ 265½ 232 50	T-Siemann
~~6~~	~~39~~	~~572~~	~~340 5~~	~~54 24 284 30~~	~~249~~	~~418~~	~~550 5~~	~~265 233 282 32~~	Re-Run
7	28	910	329 5	55 1 314 54	272	471	573 5	300 244 314 56	
8	93	270	394 5	131 55 368 76	235	321	536 5	273 197 370 76	
9	110	380	411 5	140 80 444 60	195	447	496 5	225 165 446 60	
				504				506	
								504	
	441	357			2333	849		1010	
					441	357			
					1892	492			
BM56-14A									BM56-14A (U.S.C.&G.S. X-49, 1945) Topanga Cyn. Blvd. & 400 Ft.± Nly. of Entrado Dr. See F.B 3733-99

T-72°

WEATHER Hazy Sun INST. NO. 96716

TIME 2:00 to ROD NO. 95896

NOTES CHKD BLANCHARD DATE DEC 1 71

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-8-71

INDEXED T. M. PALMERI DATE

F.B. 4121 PG. 124

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
	5 4 6 3 2				5 6 5 4				FROM BM 56-14A TO BM 56-15
BM 56-14A				196				122	BM 56-14A (U.S.C.&G.S. X-49)
1	171	462	472 5	146 50	97	170	398 5	72 50	Topanga Cyn. Blvd. & 400 Ft. N'ly. of
				251				120	Entrado Dr.
2	215	950	516 5	179 72	82	505	383 5	44 76	see F.B. 3733-99
				307 122				63 126	
3	278	860	579 5	249 58	35	999	336 5	7 57	
				301 180				60 183	
4	301	252	602 5	280½ 42	41	940	342 5	22 38	T-Siemann
				302 222		459		62 221	
5	281	091	582 5	260 42	41	~~4~~	342 5	20 42	2nd. Re-Run
				299 264				93 263	
6	274	590	575 5	249 50	69	348	370 5	45 48	
				303 314				30 311	
7	277	628	578 5	251 52	7	961	308 5	7½ 46	
				308 366				72 357	
8	275	774	576 5	242 66	35	678	336 5	-2 74	
				279 432				50 431	
9	245	559	546 5	211 68	17	950	318 5	17½ 66	
				500				497	
								500	
	2322	166			430	010		997	
	430	010							
	+1892	156							
									BM 56-15
									Topanga Cyn. Blvd. & Mi. Post
									"A-8.8 miles"
									See F.B. 2832-21
BM 56-15									

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-12-71

INDEXED T. M. PALMERI DATE NOV 24 '71

WEATHER Cloudy & Breezy INST. NO. 96796

TIME 1:25 to 2:00 ROD NO. 95896

NOTES CHKD BLANCHARD DATE DEC 1 '71

T-60°

F.B. 4121 PG. 125

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 BM56-15 TO BM56-14A
BM56-15													BM56-15
1	17	320	318	5	50 1/2 17 1/2	66	244	990	545	5	278 210	68	Topanga Cyn. Blvd. & Mi. Post "A-8.8 miles"
2	12	047	313	5	51 1/2 12 1/2	78	296	370	597	5	296 1/2 258 1/2	6 78	see F.B. 2832-31
3	10	913	311	5	30 1/2 10 1/2	144 40	231	260	532	5	251 211	144 40	
4	26	571	327	5	56 1/2 26 1/2	184 60	297 298	999	598	5	297 1/2 268 1/2	184 58	T- Siemann
5	9	470	310	5	33 1/2 9 1/2	244 48	275	679 ~~270~~	576	5	299 251	242 48	2nd Re-Run
6	23	772	324	5	41 5	292 36	241	141	542	5	260 222	290 38	
7	14	671	315	5	44 1/2 14 1/2	328 60	272	480	573	5	302 242	328 60	
8	134	482	435	5	164 104	388 60	207	049	508	5	236 178	388 58	
9	98	911	399	5	123 73	448 50	173	609	474	5	197 149	446 48	
						498						494	
												498	
	~~348~~	~~187~~ ~~5~~					2340	577				592	
							~~258~~	~~177~~					
	-348	157					~~2082~~	~~400~~					
							348	157					
							-1892	420					BM56-14A (U.S.C. & G.S. X-49) Topanga Cyn. Blvd. & 400 Ft. ± N'ly of Entrado Dr. See F.B. 3733-99
BM56-14A													

T-60°

F.B. 4121 PG. 126 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-12-71

INDEXED T. M. PALMERI DATE

WEATHER Cloudy & Breezy INST. NO. 96716

TIME 2:00 to 2:35 ROD NO. 95 [illegible]

NOTES CHKD BLANCHARD DATE DEC 1 '71

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 11-1-71
INDEXED T. M. PALMERI DATE NOV 24 '71
NOTES CHKD BLANCHARD DATE 1-71
WEATHER Sunny & Calm
TIME 10:10 to 10:55
INST. NO. 96716
ROD NO. 93796
F.B. 4121 PG. 127
T-&72°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM56-15 TO BM56-15A
BM56-15				292				118	BM56-15
1	271	660	572 5	250 42	94	966	395 5	70 48	Topanga Cyn. Blvd. & Mi. Post A-8.8 miles
2	279	481	580 5	303 4 / 255 48	28	740	329 5	52 / 4 48	See F.B. 2832-21
3	296	430	597 5	296 1/2 100 / 272 1/2 92 / 48	12	249	313 5	33 / 12 1/2 96 / 42	
4	295	050	596 5	295 1/2 140 / 279 1/2 32	29	979	330 5	44 / 14 138 / 30	K-Siemann
5	300	960	601 5	300 1/2 204 / 280 1/2 172 / 40	6	318	307 5	25 1/2 168 / 6 1/2 38	
6	295	700	596 5	295 1/2 212 / 280 1/2 30	6	730	307 5	22 / 6 1/2 206 / 32	
7	292	055	593 5	302 242 / 282 20	9	367	310 5	20 / 9 1/2 238 / 22	
8	297	488	598 5	297 1/2 262 / 284 1/2 26	20	780	321 5	33 / 7 260 / 26	
9	298	822	599 5	298 1/2 288 / 285 1/2 26	10	477	311 5	23 / 10 1/2 286 / 26	
10	293	730	594 5	306 314 / 280 26	96	768	397 5	110 / 82 312 / 28	
				~~340~~ 338				340 / 338 / ~~340~~	
	2921	376			326	374		~~680~~ 678	BM56-15A
	316	374							Topanga Cyn. Blvd. & Viewridge Rd.
	+2595	002							See F.B. 3733-103 S.E. Cor.
BM56-15A	60								

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	45	43			54	56			FROM BM56-15A TO BM56-15
BM56-15A				42				294	BM56-15A
1	32	680	333 5	22 20	284	061	585 5	274 20	Topanga Cyn. Blvd. & Viewridge Rd
				36				298 1/2	See F.B. 3733-103 S.E.Co.
2	22	241	323 5	8 28	298	348	599 5	285 26	
				18 48				301 1/2 46	
3	5	418	306 5	5 1/2 26	301	388	602 5	286 30	
				28 74				303 76	T-Siemann
4	14	903	315 5	0 28	289	149	590 5	275 28	
				19 102				281 104	
5	6	049	307 5	6 1/2 26	267	019	568 5	253 28	
				24 1/2 128				301 1/2 132	
6	7	270	308 5	7 34	301	651	602 5	282 38	
				26 1/2 162				303 170	
7	8	941	309 5	8 36	290	773	591 5	277 26	
				49 198				302 196	
8	32	722	333 5	15 34	285	018	586 5	268 34	
				41 232				240 230	
9	21	420	322 5	1 40	220	878	521 5	200 40	
				106 272				225 270	
10	83	650	384 5	60 46	203	977	504 5	181 44	
				122 318				221 314	
11	114	627	415 5	106 16	212	804	513 5	203 18	
				334				332	
								334	
	349	921			2955	366		666	BM56-15
BM56-15					349	921			Topanga Cyn. Blvd. & Mi. Post
					~~2605~~	~~445~~			A-8.8 miles
					-2605	145			See F.B. 2832-31

T-72°

F.B. 4121 PG. 128 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-1-71

INDEXED T. M. PALMERI DATE

WEATHER Sunny & Calm INST. NO. 96716

TIME 1:40 to 2:15 ROD NO. 95896

NOTES CHKD BLANCHARD DATE DEC 1 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 G.E. DREIER
NOTES BY SIEMANN DATE 11-1-71
INDEXED J. M. PALMERI DATE
NOTES CHKD. BLANCHARD DATE
WEATHER SUNNY CLEAR INST. NO. 96716
TIME 11:00 TO 11:30 ROD NO. 95596
T- 72°
F.B. 4121 PG. 129

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM56-15A TO B.M.56-15B
M.56-15A													B.M.56-15A
1	230	027	531	5	248 / 212	36	6	058	307	5	223 / 2	6 34	TOPANGA CN. BLVD. & VIEW RIDGE RD.
													SEE F.B. 3733-103
2	291	727	592	5	302 / 280	22	29	672	330	5	41 / 17	24	
						58						58	
3	250	403	551	5	261 / 239	22	31	310	332	5	43 / 19	24	
						80						82	
4	278	160	579	5	288 / 268	20	17	593	318	5	28 / 6	22	
						100						104	
5	293	028	594	5	303 / 283	20	9	665	310	5	19 / -1	20	π = MALDONADO
						120						124	
6	283	520	584	5	292 / 274	18	20	411	321	5	30 / 10	20	
						138						144	
7	271	150	572	5	281 / 261	20	71	563	372	5	78 / 64	14	
						158						158	
8	202	538	503	5	207 / 197	10	84	716	385	5	89 / 79	10	
						168						168	
M-56-15B												168	B.M.56-15B (U.S.C.&G.S. B 1141)
	2100553						270988					336	TOPANGA CN. BLVD., 0.15 MI. S. OF
	270988												SUMMIT. SEE F.B. 3733-104
	+1829565												

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. 56-15B TO B.M. 56-15A
B.M. 56-15B									B.M. 56-15B (U.S.C.&G.S. D 1141)
1	42	531	343 5	51 33 18	249	115	550 5	258 240 18	TOPANGA CN. BLVD. & 0.15 MI. S. OF
									SUMMIT. SEE F.B. 3733-104
2	7	171	308 5	18 7 22	279	479	580 5	290 268 22	
				40				40	
3	10	883	311 5	20 0 20 60	289	719	590 5	299 279 20 60	
				60				60	
4	27	140	328 5	36 18 18	266	899	567 5	275 257 18	π = MALDONADO
				78				78	
5	27	849	328 5	37 17 20	248	808	549 5	258 238 20	
				98				98	
6	28	202	329 5	40 16 24	262	458	563 5	273 250 24	
				122				122	
7	20	918	321 5	32 8 24	258	611	559 5	270 246 24	
				146				146	
8	72	939	373 5	83 61 22	212	209	513 5	223 201 22	
				168				168	
B.M. 56-15A								168	B.M. 56-15A
	237	633		-	2067	298		336	TOPANGA CN. BLVD. & VIEWRIDGE R
					237	633			SEE F.B. 3733-103
				-	1829	665			

F.B. 4121 PG. 130 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-1-71

INDEXED T. M. PALMERI DATE

WEATHER SUNNY, CLEAR INST. NO. 96716

TIME 1:15 - 01:35 ROD NO. 95896

NOTES CHKD BLANCHARD DATE DEC 1 71

T = 72°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.F. DREIEK DATE 10-1-71 WEATHER SUNNY, CLEAR INST. NO. 96716
NOTES BY SIEMANN TIME 11:30 TO 11:40 ROD NO. 95396
INDEXED J. M. PALMERI DATE NOV 24 71 NOTES CHKD BLANCHARD DATE DEC 1 71

T = 72°

F.B. 4121 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. 56-15B TO B.M. 56-16
M.56-15B													B.M. 56-15B (U.S.C.&G.S. B-1141)
1	216	802	517	5	227 205	22	58	651	359	5	69 47	22	TOPANGA CN. BLVD. & 0.15 MI. SOF
													SUMMIT. SEE F.B. 3733-104
2	252	379	553	5	265 239	26	60	349	361	5	73 47	26	
						48						48	T = MALDONADO
3	293	467	594	5	293 275	36	36	700	337	5	55 17	38	
						84						86	
4	148	510	449	5	152 144	8	186	659	487		189 183	6	
						92						92	
M.56-16												92	B.M. 56-16
	911	158					342	359				184	TOPANGA CN. BLVD. & SUMMIT
	342	359											SEE F.B. 2832-22
+	568	799											

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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.

T = 72°

WEATHER SUNNY, CLEAR INST. NO 26716

TIME 11:40 TO 12:00 ROD NO 75876

NOTES CHKD BLANCHARD DATE DEC 1 71

F.B. 4121 PG. 132 JOB NO 0301-02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DEEER NOTES SIEMANN 11-1-71

INDEXED I. M. PALMER DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 56-16 TO B.M. 56-15B
B.M. 56-16													B.M. 56-16
1	106	983	407	5	127 85	42	300	858	601	5	300 228	44	TOPANGA CN. BLVD. & SUMMIT
													SEE F.B. 2832-22
2	51	869	352	5	64 38	26	243	518	544	5	256 230	26	
						68						70	T = MALDONADO
3	41	158	342	5	54 28	26	224	452	525	5	231 212	24	
						94						94	
B.M. 56-15B												94	B.M. 56-15B (U.S.C.&G.S. B-1141)
	200	010					768	828				188	TOPANGA CN. BLVD., 0.15 MI. S. OF
							200	010					SUMMIT. SEE F.B. 3733-104
							568	818					

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 56-16 TO BM56-17 A
BM 56-16													B.M. 56-16
1.	149	191	450	5	166 / 132	34	292	279	593	5	292 / 272	40	TOPANGA CY'N BLVD. AT SUMMIT
													3.1 MI. SO. OF VENTURA FRWY.
2.	39	837	340	5	55 / 23	32	301	801	602	5	301 / 287	28	SEE F.B. 2832-22
						66						68	
3.	7	646	308	5	20 / 7	26	249	465	550	5	262 / 236	26	
						92						94	⊼ J. MALDONADO
4.	7	232	308	5	27 / 7	40	260	210	561	5	279 / 241	38	
						132						132	
5.	15	908	316	5	22 / 8	14	173	312	474	5	180 / 166	14	
						146						146	
6	48	917	349	5	61 / 35	26	258	507	559	5	273 / 243	30	
						172						176	
7.	30	338	331	5	47 / 13	34	252	296	553	5	267 / 237	30	
						206						206	
8	29	415	330	5	44 / 14	30	296	272	597	5	296 / 281	30	
	~~477~~	~~675~~				236	2084	142				236	
BM. 56-17 A	328	484					~~477~~	~~675~~				236	B.M. 56-17A
							~~1606~~	~~467~~				472	TOPANGA CY'N BLVD. 0.25 MI. NORTHLY
							328	484					OF TOPANGA CY'N BLVD SUMMIT
							~~1755~~	658					SEE F.B. ~~2832-23~~ 3733-107

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=70°
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 11-8-71
INDEXED T. M. PALMERI DATE NOV 24 '71
WEATHER CLOUDY
TIME 2:55 - 3:15
NOTES CHKD BLANCHARD DATE OCT 1 '71
INST. NO. 96716
ROD NO. 95-96
F.B. 4121 PG. 133

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. 56-17A TO B.M. 56-16
B.M. 56-17A													B.M. 56-17A
1	291	250	592	5	305 / 277	28	12	431	313	5	1/2 30 / 12	36	TOPANGA CY'N BLVD. 025 NORTHLY
													OF TOPANGA CY'N BLVD. SUMMIT
2	291	549	592	5	1/2 291 / 272	38	49	641	350	5	65 / 33	32	SEE F.B. 3733-107
						66						68	
3	250	562	551	5	264 / 236	28	31	727	332	5	45 / 17	28	
						94						96	
4	300	688	601	5	1/2 300 / 286	28	32	463	333	5	46 / 18	28	
						122						124	⊼ J. MALDONADO
5	252	600	553	5	266 / 238	28	64	719	365	5	78 / 50	28	
						150						152	
6.	299	575	600	5	1/2 299 / 287	24	39	721	340	5	50 / 28	22	
						174						174	
7.	279	301	580	5	295 / 263	32	18	419	319	5	34 / 2	32	
						206						206	
8.	193	627	494	5	204 / 182	22	154	432	455	5	165 / 148	22	
						228						228	
												228	
B.M. 56-16	2159	152					403	553				456	B.M. 56-16
	403	553											TOPANGA CY'N BLVD. @ SUMMIT
+	1755	599											3.1 MI. SO. VENTURA FRWY
													SEE F.B. 2832-22

F.B. 4121 PG. 134 JOB NO. 0301.02

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

SURVEY BY G.E.D NOTES T.O. 11-12-71

INDEXED T. M. PALMERI DATE

T= 60° 62°

WEATHER PRTLY CLOUDY INST. NO. 96716

TIME 10:05 - 10:40 ROD NO. 95496

NOTES CHKD BLANCHARD DATE DEC 1971

76P526B CE # 308 8/68

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

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 11-12-71 WEATHER Sunny Clouds-Sunny TIME 1055 - 1 = 65°
INDEXED J. M. PALMERI DATE NOV 24 '71 NOTES CHKD BLANCHARD DATE DEC 1 '71
F.B. 4121 PG. 135 INST. NO. 96116 ROD NO. 95-96

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 56-16 TO B.M. 56-17A
B.M. 56-16	132												B.M. 56-16
1	~~133~~	910	433	5	152 / 112	40	297	857	598	5	297 / 277	40	TOPANGA CYN BLVD. @ SUMMIT
													3.1 MI. SO. OF VENTURA FRWY
2	62	008	363	5	74 / 58	24	287	932	588	5	301 / 273	28	SEE F.B. 2832-22
						64						68	
3	14	613	315	5	26 / 3	23	249	543	550	5	261 / 237	24	
						87						92	J. MALDONADO
4	32	160	333	5	48 / 16	32	267 / ~~297~~	896	568	5	281 / 253	28	
						119						120	
5	22	382	323	5	35 / 9	26	244	033	545	5	258 / 230	28	
						145						148	RERUN
6	21	087	322	5	36 / 6	30	227	074	528	5	240 / 213	27	
						175						175	
7	40	887	341	5	57 / 23	34	267	618	568	5	284 / 250	34	
						209						209	
8	41	619	342	5	64 / 28	26	281	400	582	5	294 / 268	26	
	+ 367	666				235	2123	353				235	
							+ 367	666				235	
B.M. 56-17A							1755	687				470	B.M. 56-17A
													TOPANGA CYN BLVD. 0.25 MI. NORTHLY OF TOPANGA CYN BLVD. SUMMIT
													SEE F.B. 3733-107

76P526B CE # 308 8/68

PLEASE RETURN TO
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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREKER
NOTES BY T. OHASHI
INDEXED J. M. PALMERI
DATE 11-9-71
DATE NOV 24 71
TIME 9:45 - 10:30
NOTES CHKD BLANCHARD
WEATHER PARTLY CLOUDY 74°
INST. NO. 9616
ROD NO. 95-96
DATE DEC 1 71
F.B. 4121 PG. 137

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 56-17A TO B.M. 56-17B
BM. 56-17A													BM. 56-17A
1	63	261	364	5	76 / 50	26	260	152	561	5	273 / 247	26	TOPANGA CYN BLVD 0.25 MI. NORTHLY
													OF TOPANGA CYN BLVD. SUMMIT.
2	30	431	331	5	46 / 14	32	269	076	570	5	284 / 254	30	SEE F.B. ~~2832-23~~ 3733-107
						58						56	
3.	20	661	321	5	34 / 6	28	292	825	593	5	305 / 279	26	
					28	86						82	
4.	14	758	315	5	24 / 4	20	284	541	585	5	296 / 272	24	
						106						106	
5.	49	289	350	5	60 / 38	22	236	879	537	5	247 / 225	22	
						128						128	
6.	25	236	326	5	37 / 13	24	280	481	581	5	292 / 268	24	
						152						152	
7.	3	803	304	5	½ 19 / 3	32	269	533	570	5	283 / 255	28	
						184						180	
8.	12	030	313	5	26 / -2	28	298	117	599	5	½ 299 / 228	28	
						212						208	
9.	29	394	330	5	43 / 15	28	284	319	585	5	300 / 268	32	
						240						240	
10.	4	347	305	5	½ 20 / 4	32	268	452	569	5	284 / 252	32	
						272						272	
11.	52	612	353	5	64 / 40	24	288	424	589	5	299 / 277	22	
						~~296~~						294	
BM. 56-17B	170	907	471	5	176 / 164	12	220	102	521	5	232 / 218	14	BM. 56-17B
	+476	789				308	3252	901				308	TOPANGA CYN BLVD. 2.55 MI SOUTHLY
							-476	789				308	VENTURA FRWY ON MILEAGE SIGN POST #27
							2776	112				616	L.A. 9.91 IN CONC. HEADWALL
													SEE F.B. 3733-109

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 56-17B TO BM. 56-17A
B.M. 56-17B													B.M. 56-17B
1	298	757	599	5	307 / 290	17	55	137	356	5	65 / 46	19	TOPANGA CY'N BLVD. 2.55 MI. SOUTH'LY
													VENTURA FRWY @ MARKER SIGN "27-LA-9.91
2	286	443	587	5	304 / 268	36	9	342	310	5	28 / 9	36	IN CONC. HEADWALL
						53						55	SEE F.B. 3733-109
3	296	570	597	5	296 / 280	32	24	~~379~~ 391	325	5	38 / 10	28	
						85						83	
4	275	913	576	5	289 / 261	28	15	370	316	5	27 / 3	24	⊼ J. MALDONADO
						113						107	
5	271	629	572	5	285 / 257	28	3	282	304	5	20 / 3	34	
						141						141	
6	299	540	600	5	299 / 286	26	3	221	304	5	17 / 3	28	
						167						169	
7.	296	689	597	5	296 / 278	36	8	522	309	5	23 / 8	30	
						203						199	
8.	301	981	602	5	301 / 290	22	10	760	311	5	21 / -1	22	
						225						221	
9.	270	790	571	5	284 / 256	28	3	667	304	5	18 / 3	30	
						253						251	
10.	244	773	545	5	256 / 232	24	93	567	394	5	106 / 80	26	
						277						277	
11.	282	680	583	5	290 / 274	16	122	451	423	5	130 / 116	16	
	+3125	765				293	-349	710				293	
	-349	710										293	
B.M. 56-17A	+2776	055										586	B.M. 56-17A
													TOPANGA CY'N BLVD. 0.25 NORTHLY OF
													TOPANGA CY'N BLVD. SUMMIT
													SEE F.B. 3733-107

F.B. 412 PG. 138 JOB NO. 0301.02

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

SURVEY BY G.E.D. NOTES T. OWASH 11-11-71

INDEXED T. M. PALMERI DATE

WEATHER CLOUDY INST. NO. 96716

TIME 2:25 - 3:10 ROD NO. 95-96

NOTES CHKD BLANCHARD DATE 1 71

T=68°

76P526B CE # 308 8/68

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 4-9-71
INDEXED T. M. PALMERI DATE NOV 24 71
WEATHER PRTLY CLOUDY INST. NO. 96716
TIME 10:30 - 11:00 ROD NO. 95-96
NOTES CHKD BLANCHARD DATE OCT. 1 71
F.B. 4121 PG. 139
T=73°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 56-17B TO BM 56-17C
BM. 56-17B													B.M. 56-17B
1	117	262	418	5	130 / 104	26	299	831	600	5	½ 299 / 286	26	TOPANGA CY'N BLVD. 2.55 MI. SOUTHLY
													VENTURA FRWY @ MILEAGE SIGN POST #27
2	9	372	310	5	19 / -1	20	290 / ~~261~~	860	591	5	300 / 280	20	L.A. 9.91 IN CONC. HEADWALL
						46						46	SEE F.B. 3733-109
3	125	276	426	5	142 / 108	34	298	828	599	5	½ 298 / 284	28	(⊼ J. MALDONADO)
						80						74	
4	7	492	308	5	½ 18 / 7	22	250	303	551	5	261 / 239	22	
						102						96	
5	58	037	359	5	68 / 48	20	296	547	597	5	½ 296 / 282	28	
						122						124	
6	15	839	316	5	½ 34 / 15	38	300	792	601	5	½ 300 / 285	30	
						160						154	
7	45	500	346	5	52 / 38	14	261	427	562	5	221 / 251	20	
						174						174	
8	23	619	324	5	33 / 13	20	152	632	453	5	163 / 141	22	
	+402	397				194	+2151	220				196	
BM. 56-17C							+402	397				194	B.M. 56-17C
							+1748	823				390	TOPANGA CY'N BLVD. & WOODLAND CREST
													DR. & S.E. COR. IN CATCH BASIN
													SEE F.B. 3733-111

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM. 56-17C TO BM. 56-17B
BM. 56-17C													B.M. 56-17C
1.	185	132	486	5	199 171	28	9	708	310	5	1/2 21 9	24	TOPANGA CY'N BLVD. & WOODLAND CREST
													DR. S.E. COR. IN CATCH BASIN
2.	288	790	589	5	296 280	16	16	563	317	5	27 5	22	SEE F.B. 3733-111
						44						46	
3.	229	424	530	5	240 218	22	44	849	345	5	57 31	26	
						66						72	
4.	272	692	573	5	282 262	20	78	690	379	5	88 68	20	⊼ J. MALDONADO
						86						92	
5.	269	706	570	5	282 256	26	9	260	310	5	1/2 20 9	22	
						112						114	
6.	289	902	590	5	300 278	22	52	347	353	5	63 41	22	
						134						136	
7.	219	171	520	5	230 208	22	104	025	405	5	116 92	24	
						156						160	
8.	286	002	587	5	297 275	22	38	359	339	5	47 29	18	
						178						178	
9.	234	703	535	5	243 225	18	172	871	473	5	181 163	18	
BM. 56-17B.	+2275	522	✓			196	-526	672	✓			196	B.M. 56-17B
	-526	672										196	TOPANGA CY'N. BLVD. 2.55 MI. SOUTHLY
	+1748	850	✓									392	VENTURA FRWY @ MARKER SIGN "27-LA-9.91
													IN CONC. HEADWALL
													SEE F.B. 3733-109

T=68°

F.B. 4121 PG. 140 JOB NO. 0301.02

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

SURVEY BY G.E.D. NOTES T. OHASHI 11-11-71

INDEXED T. M. PALMERI DATE

WEATHER CLOUDY INST. NO. 96716

TIME 2:00 - 2:25 ROD NO. 95-96

NOTES CHKD BLANCHARD DATE DEC 1 71

76P526B CE # 308 8/68

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. 56-17C TO B.M. 56-18A
B.M. 56-17C													B.M. 56-17C
1	25	862	326	5	34 / 16	18	288	300	589	5	297 / 279	18	TOPANGA CYN BLVD & WOODLAND CREST
													DR. S.E. COR. IN CATCH BASIN
2	21	508	322	5	38 / 4	34	301	167	602	5	1301 / 2287	28	SEE F.B. 3733-111
						52						46	
3	3	444	304	5	1 15 / 2 3	24	301	590	602	5	1301 / 2286	30	
						76						76	⊼ J. MALDONADO
4	21	081	322	5	30 / 12	18	263	386	564	5	272 / 254	18	
						94						94	
5	39	540	340	5	50 / 28	22	190	202	491	5	202 / 178	24	
6.	112	614	413	5	115 / 109	116	178	173	479	5	180 / 176	118	
						6						4	
B.M. 56-18A	+224	049				122	+1522	818				122	B.M. 56-18A
							+224	049				122	TOPANGA CYN BLVD & MARKER SIGN
							+1298	769				244	"27-LA" 10.26" P.R.# 1451474E
													SEE F.B. 3733-113

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=78°
SURVEY BY G. E. DREIER WEATHER Partly Cloudy INST. NO. 96716
NOTES BY T. OHASHI DATE 11-9-71 TIME 11:00 - 11:20 ROD NO. 95-96
INDEXED J. M. PALMERI DATE NOV 24 71 NOTES CHKD BLANCHARD DATE DEC 1 71
F.B. 4121 PG. 141

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM. 56-18A TO BM. 56-17C
BM. 56-18A													B.M. 56-18A
1	261	220	562	5	273 249	24	82	331	383	5	95 69	26	TOPANGA C'N BLVD. @ MARKER SIGN
													"27-LA-10.26" P.P.# 1451474E
2	273	077	574	5	283 263	20	15	581	316	5	24 6	18	SEE F.B. 3733-113
						44						44	
3	291	739	592	5	302 280	22	4	729	305	[illegible]	18 1/2 4	28	
						66						72	⊼ J. MALDONADO
4	288	062	589	5	300 276	24	44	365	345	5	54 34	20	
						90						92	
5	288	140	589	5	301 275	26	94	218	395	5	106 82	24	
						116						116	
6.	214	041	515	5	219 209	10	76	282	377	5	281 271	10	
	+ 1616	279				126	-317	506				126	
	- 317	506										126	
BM. 56-17C	-1298	773										252	BM. 56-17C
													TOPANGA C'N BLVD. & WOODLAND CREST
													DR. S.E. COR. IN CATCH BASIN
													SEE F.B. 3733-111

F.B. 4121 PG. 142 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES T. OHASHI 11-11-71

INDEXED T. M. PALMERI DATE

T=70°68

WEATHER CLOUDY INST. NO. 96716

TIME 1:35 - 2:00 ROD NO. 95-96

NOTES CHKD. BLANCHARD DATE DEC 1 '71

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 11-9-71
INDEXED T. M. PALMERI DATE NOV 24 '71
WEATHER PRTLY CLOUDY T-79°
TIME 11:20 - 11:55
NOTES CHKD BLANCHARD DATE DEC 1 '71
INST. NO. 96716
ROD NO. 95-96
F.B. 4121 PG. 143

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 56-18A TO BM. 56-18B
BM.56-18A													B.M.56-18A
1.	32	520	333	5	45 / 19	26	298	879	599	5	1/2 298 / 284	28	TOPANGA CYN BLVD & MARKER SIGN
													"27-LA 10.26" PP# 1451474E
2.	13	958	314	5	26 / 0	26	290	431	591	5	302 / 278	24	SEE F.B. 3733-113
						52						52	
3.	10	989	311	5	28 / 8	20	299	157	600	5	1/2 299 / 288	22	
						72						74	T. B. SIEMANN
4.	11	699	312	5	22 / 0	22	301	227	602	5	1/2 301 / 290	22	
						94						96	
5.	35	531	336	5	45 / 25	20	286	092	587	5	296 / 276	20	
						114						116	
6.	16	890	317	5	31 / 1	30	298	121	599	5	1/2 298 / 286	24	
						144						140	
7.	24	399	325	5	38 / 10	28	300	841	601	5	1/2 300 / 286	28	
						172						168	
8.	30	788	331	5	42 / 18	24	244	920	545	5	257 / 231	26	
						196						194	
9.	142	261	443	5	144 / 140	4	268	309	569	5	270 / 266	4	
	+ 319	035				200	2587	977				198	
BM.56-18B							+ 319	035				200	B.M.56-18B
							2268	942				398	TOPANGA CYN BLVD. 2.0 MI. SO. VENTURA
													FRWY & 0.1 MI. SO. MOBILE HOME PARK ENTER.
													SEE F.B. 3733-115

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4121 PG. 144 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES T. OHASHI 11-10-71

INDEXED I. M. PALMERI DATE

WEATHER HAZY - SUN INST. NO. 76716

TIME 2:50 - 3:15 ROD NO. 75-96

NOTES CHKD BLANCHARD DATE DEC 1 '71

T=76°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 56-18B TO BM. 56-18A
BM. 56-18B													B.M. 56-18B
1.	295	081	596	5	307 / 289	12	95	470	396	5	102 / 88	14	TOPANGA CYN BLVD 2.0 MI. SO. VENTURA FRWY 0.1 MI. SO. MOBILE PARK HOME ENTER
2.	293	011	594	5	307 / 279	28	7	901	308	5	122 / 77	30	SEE F.B. 3733-115
						40						44	
3.	292	460	593	5	306 / 278	28	9	131	310	5	121 / 9	21	
						68						68	
4.	296	680	597	5	1/2 296 / 282	28	7	501	308	5	120 / 7	26	T B. SIEMANN
						96						94	
5.	294	383	595	5	1/2 294 / 280	28	17	599	318	5	32 / 2	30	
						124						124	
6.	289	631	590	5	299 / 279	20	12	539	313	5	23 / 1	22	
						144						146	
7.	290	301	591	5	298 / 282	16	37	901	338	5	46 / 28	18	
						160						164	
8.	286	799	587	5	296 / 276	20	7	680	308	5	15 / 1	16	
						180						180	
9.	200	571	501	5	207 / 193	14	74	209	375	5	81 / 67	14	
	+2538	917				194	269	931				194	
	-269	931										194	
BM. 56-18A	+2268	986										388	B.M. 56-18A
													TOPANGA CYN BLVD. MARKER SIGN "27 LA 10.26" P.P. 1451474E
													SEE F.B. 3733-113

76P526B CE # 308 8/68

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

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 11-9-71 WEATHER Sunny & Calm
INDEXED J. M. PALMERI DATE NOV 24 '71 TIME 1:05 to 1:35 INST. NO. 967116
NOTES CHKD BLANCHARD DATE DEC 1 '71 ROD NO. 95 & 96
F.B. 4121 PG. 145
T-80°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM56-18B TO BM56-19
BM56-18B					208						208		BM56-18 B
1	204	452	305	5	200	8	203	512	504	5	198	10	Topanga Cyn. Blvd. & Mi. Marker "27 L.A. 10.49"
					19						298.1		
2	6	721	307	5	6 ½	26	298	599	599	5	285 ½	26	See F.B. 3733-115
						34					307	36	
3	6	961	307	5	19 1/2 6 ½	26	294	712	595	5	281	26	
					37	60					273	62	
4	25	590	326	5	13	24	261	757	562	5	249	24	T-Siemann
					22 1/2	84					300	86	
5	8	833	309	5	8 ½	28	289	711	590	5	278	22	
					18 1/2	112					276	108	
6	7	140	308	5	7 ½	22	264	579	565	5	252	24	
					51	134					248	132	
7	38	~~130~~ 930	339	5	25	26	236	051	537	5	224	24	
					116	160					171	156	
8	108	471	409	5	100	16	161	631	462	5	151	20	
						176 ✓						176 ✓	
												176 ✓	
	407	098 ✓					2~~08~~10	552 ✓				352 ✓	
							407	098 ✓					
							− 1603	454 ✓					
BM56-19													BM56-19 Topanga Cyn. Blvd. & Opposite ~~Blvd.~~ side of Blvd. from White Post Marker "L.A. C-156 L.A." See F.B. 2832-26

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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 BM56-19 TO BM56-18B
BM56-19					247						44		BM56-19
1	227	140	528	5	207	40	24	499	325	5	4	40	Topanga Cyn. Blvd., Opposite side of
					281						70		Blvd, from White Post Marker L.A.
2	271	630	572	5	261	20	60	138	361	5	50	20	C-156 L.A"
					300 1/2	60					28	60	See F.B. 2832-~~5~~ 2 6
3	300	267	601	5	289 2	22	18	436	319	5	8	20	
					307	82					31	80	
4	293	120	594	5	279	28	18	680	319	5	5	26	
					299 1/2	110					19 1/2	106	K-Siemann
5	299	980	600	5	284 2	30	5	584	306	5	5 2	28	
					301	140					20 1/2	134	
6	291	699	592	5	281	20	7	599	308	5	7 2	26	
					278	160					222	160	
7	270	369	571	5	262	16	215	800	516	5	208	14	
						176						174	
												176	
		205											
	1954	~~185~~ 1					350	736				350	
	350	736											
	+1603	~~449~~											
		469											
BM56-18B													BM56-18B
													Topanga Cyn. Blvd. @ Mi. Marker
													"27 L.A. 10.49"
													see F.B. 3733-115

F.B. 4121 PG. 146 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-10-71

INDEXED T. M. PALMERI DATE

T-~~80~~ 78

WEATHER Hazy Sun INST. NO. 96716

TIME 2:25 to 2:45 ROD NO. 95496

NOTES CHKD BLANCHARD DATE DEC 1 '71

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreier NOTES BY Maldonado DATE 11-9-71 WEATHER Sunny & Calm INST. NO. 96716 TIME 11:35 to 11:46 ROD NO. 95 & 96

INDEXED T. M. PALMERI DATE 2-4-71 NOTES CHKD BLANCHARD DATE DEC. 1 '71

F.B. 4121 PG. 147

T-80'

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 56-19 TO 56-19A
BM 56-19									BM 56-19
				163				305	Topanga Cyn. Blvd. & Opposite side
1	152	670	453 5	142 20	295	999	596 5	285 20	of Blvd. from White Post Marker
					152	670		20	"LA-C-156-LA"
					143	329		40	See 2832-26
									K-Siemann
BM 56-19A									
									BM 56-19A (spk. in Ld.)
									Topanga Cyn. Blvd. & White Post
									Marker "L.A. C-156-L.A."
									See F.B. 2832-26

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM56-19A TO BM56-19
BM56-19A					229						85		BM56-19A (SPK in Ld.)
1	222	928	523		215	14	79	635	380	5	73	12	Topanga Cyn. Blvd. & White Post
	~~22~~ 79	~~928~~ 635					~~22~~	~~928~~				14	Marker "L.A. C-156 L.A."
	~~00~~	~~000~~					~~56~~	~~707~~				26	See F.B. 2832-26
BM56-19	+143	293											
													π-Siemann
													BM56-19
													Topanga Cyn. Blvd. & Opposite side of Blvd. from White Post Marker "L.A. C-156 L.A."
													See F.B. 2832-26

T-80°

WEATHER Hazy Sun INST. NO. 96716

TIME 2:20 to 2:25 ROD NO. 95&9

NOTES CHKD BLANCHARD DATE DEC 1 71

F.B. 4121 PG. 148 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-10-71

INDEXED T. M. PALMERI DATE

76P526B CE # 308·8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 56-19A TO 56-19B
BM 56-19A					102						306		BM 56-19A (Spk. in Ld.)
1	85	439	386	5	68	34	293	802	594	5	280	26	Topanga Cyn Blvd. & White Post
					25						304	0	Marker "L.A. C-156-L.A."
2	13	390	314	5	1	24	289	821	590	5	274	38	See F.B. 2832-26
						58					302	56	
3	10	362	311	5	20 0	20	293	752	594	5	284	18	
					58	78					280	74	T. Siemann
4	49	580	350	5	40	18	270	715	571	5	260	20	
					77	96					231	94	
5	71	552	372	5	65	12	225	551	526	5	219	12	
						108						106	
												108	
	230	323					1373	641				214	BM 56-19B
							230	323					Topanga Cyn. Blvd. & 303 Ft. Nly. of
BM 56-19B							1143	318					Cezanne Ave
													See F.B. 3733-121

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-9-71

INDEXED T. M. PALMERI DATE NOV 24 71

WEATHER Sunny & Calm

TIME 1:40 to 1:55

NOTES CHKD BLANCHARD DATE DEC 1 71

T-80°

F.B. 4121 PG. 149

INST. NO. 96716

ROD NO. 95 & 96

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 BM56-19B TO BM56-19A
BM56-19B					299 1/2						42		BM56-19B
1	299	000	600	5	289 1/2	20	31	281	332	5	20	22	Topanga Cyn. Blvd. & 303 Ft. N'ly. of
													Cezanne Ave.
2	300	629	601	5	300 1/2 289 1/2	22	19	719	320	5	29 9	20	See F.B. 3733-121
					302	42					82	42	
3	292	162	593	5	282	20	73	078	374	5	64	18	
					279	62					46	60	
4	269	360	570	5	259	20	35	149	336	5	24	22	Π-Siemann
					296	82					156	82	
5	284	632	585	5	272	24	143	252	444	5	130	26	
						106						108	
6												106	
	1445	783					302	479				214	BM56-19A (SPK. in Ld.)
	302	479											Topanga Cyn. Blvd., @ White Post
BM56-19A +	1143	304											Marker "L.A. C-156 L.A."
													See F.B. 2832-26

T-80

F.B. 4121 PG. 150 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-10-71

INDEXED T. M. PALMERI DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 2:05 to 2:20 ROD NO. 95&9

NOTES CHKD BLANCHARD DATE DEC 1 71

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
									FROM BM56-19B TO BM56-20A
BM56-19B								305	BM56-19B
1	15	737	316 5	24 6 18	294	222	595 5	283 22	Topanga Cyn. & 303 Ft. N'ly of Lezanne Ave.
2	12	760	313 5	22 2 20	275	160	576 5	285 265 20	See F.B. 3733-123
3	36	742	337 5	50 22 38 28	266	772	567 5	276 256 42 20	
4	5	880	306 5	21 5½ 66 32	300	420	601 5	300½ 284½ 62 32	T-Siemann
5	16	201	317 5	29 3 98 26	291	760	592 5	306 276 94 30	
6	8	611	309 5	22½ 8½ 124 28	253	303	554 5	267 239 124 28	
7	11	170	312 5	29½ 11½ 152 36	288	940	589 5	302 274 152 28	
8	11	159	312 5	24½ 11½ 188 26	288	509	589 5	304 272 180 32	
9	6	640	307 5	21½ 6½ 214 30	286	103	587 5	302 270 212 32	
10	4	860	305 5	19½ 4½ 244 30	278	872	579 5	292 264 244 28	
11	110	081	411 5	117 103 274 14	195	264	496 5	202 188 272 14	
				288				286	
								288	
	239	841			3019	425		574	
					239	841			BM56-20A
BM56-20A					2779	484			Topanga Cyn. Blvd. & De LA Luz Ave
									See F.B. 3733-123

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 11-9-71
INDEXED T. M. PALMERI DATE NOV 24 '71
WEATHER Sunny & Calm INST. NO. 96716
TIME 1:55 to 2:30 ROD NO. 95 & 96
NOTES CHKD BLANCHARD DATE DEC 1 '71
T-82°
F.B. 4121 PG. 151

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4121 PG. 152 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-10-71

INDEXED T. M. PALMER DATE

NOTES CHKD. BLANCHARD DATE DEC 1 '71

WEATHER Hazy Sun INST. NO. 96716

TIME 1:25 to 2:05 ROD NO. 9559

T-82°

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													From BM 56-20A To BM 56-19B
BM 56-20A													BM 56-20A
1	291	342	592	5	291.1 / 271.2	40	17 / 18	971	318	5	34 / 0	34	Topanga Cyn. Blvd. & De La Luz Ave
													see F.B. 3733-123
2	294	548	595	5	294.1 / 281.2	26	12	393	313	5	28.1 / 12.2	32	
						66					25	66	
3	301	429	602	5	301.1 / 287.2	28	12	830	313	5	-1	26	
					257	94					41	92	
4	241	582	542	5	225	32	27	380	328	5	13	28	T-Siemann
					300.1	186					20.1	120	
5	300	519	601	5	284.2	32	3	661	304	5	3.2	34	
					294.1	158					31	154	
6	294	100	595	5	279.2	30	16	572	317	5	1	30	
					294.1	188					29	184	
7	294	190	595	5	280.2	28	14	183	315	5	-1	30	
					299.1	216					37	214	
8	299	997	600	5	287.2	24	25	471	326	5	13	24	
						240					24.1	238	
9	299	371	600	5	299.1 / 286.2	26	11	632	312	5	11.2	26	
					282	266					48	264	
10	272	840	573	5	262	20	38	888	339	5	28	20	
					182	286					113	284	
11	180	625	481	5	178	4	110	089	411	5	107	6	
						290						290	
												290	
	3070	543					291	070				580	
	291	070											BM 56-19B
BM 56-19B	+2779	473											Topanga Cyn. Blvd. & 303 Ft.
													N'ly. of Cezanne Ave.

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 BM56-20A TO BM56-21A
BM56-20A					94						275		BM 56-20A
1	72	707	373	5	50	44	253	390	554	5	230	45	Topanga Cyn. Blvd. & DeLA Luz Ave.
					45						288		See F.B. 3733-123
2	18	823	319	5	18½	54	262	640	563	5	235	53	
					71	98					290	98	
3	47	709	348	5	23	48	266	914	567	5	241	49	
					42½	146					298½	147	T-Jones
4	8	000	309	5	8½	68	298	220	599	5	267½	62	
					91	244					266	209	
5	66	680	367	5	41	50	237	185	538	5	208	58	
					164	264					147	267	
6	162	553	463	5	160	4	145	942	446	5	143	4	
						268						271	
												268	
	376	472					1464	291				539	
							376	472					BM 56-21A (U.S.C.&G.S. Y-1135)
BM 56-21A							1087	819					Topanga Cyn. Blvd. & Dumetz Rd.
													See F.B. 3733-125

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-9-71

INDEXED J. M. PALMERI DATE NOV 24 '71

WEATHER Sunny & Calm INST. NO. 96716

TIME 2:35 to 3:05 ROD NO. 95 & 96

NOTES CHKD BLANCHARD DATE DEC 1 '71

T-82°

F.B. 4121 PG. 153

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4121 PG. 154 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-10-71

INDEXED T. M. PALMER DATE

NOTES CHKD BLANCHARD DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 11:20 to 12:05 ROD NO. 95 & 96

T-76

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 56-21A TO BM 56-20A
BM 56-21A					136						139		BM 56-21A (U.S.C.&G.S. Y-1135)
1	133	433	434	5	130	6	136	632	437	5	133	6	Topanga Cyn. Blvd. & Dumetz Rd.
					266						75		See F.B. 3733-125
2	240	941	541	5	214	52	50	174	351	5	24	51	
					247	58					82	57	
3	225	601	526	5	203	44	59	852	360	5	36	46	
					294	102					60	103	T-Jones
4	269	746	570	5	243	51	35	526	336	5	10	50	
					266 1/2	153					41 1/2	153	
5	293	263	594	5	293 1/2	66	11	820	312	5	11 1/2	60	
					266	219					89	213	
6	243	376	544	5	220	46	62	477	363	5	35	54	
					178	265	1				139	267	
7	169	439	470	5	159	19	135	431	432	5	122	17	
						284						284	
												284	
BM 56-20A	+1575	799					487	912				568	BM 56-20A
	487	912											Topanga Cyn. Blvd. & DeLaLuz
	+1087	887											See F.B. 3733-123

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 SIEMANN DATE 11-10-71 WEATHER HAZY SUN INST. NO 96716
INDEXED J. M. PALMER DATE NOV 24 71 TIME 8:25 TO 9:45 ROD NO 95496
NOTES CHKD BLANCHARD DATE DEC 1 71
F.B. 4121 PG. 155

T = 64°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 56-21A TO B.M. 56-22
M.56-21A											B.M. 56-21A (U.S.C.&G.S. Y-1135)
1	46	767 803	347	5	67 25 42	246	709	547	5	267 225 42	TOPANGA CN. BLVD. & DUMETZ RD.
											SEE F.B. 3733-125
2	22	527	323	5	56 22 68	267	987	568	5	300 234 66	
					110					108	
3	34	843	335	5	70 -2 72	264	788	565	5	300 228 72	T = MALDONADO
					182					180	
4	33	369	334	5	70 -2 72	269	928	570	5	305 233 72	
					254					252	
5	78	778	379	5	104 52 52	223	123	524	5	249 197 52	
					306					304	
M.56-22										306	B.M. 56-22
	216	284				272	535			610	TOPANGA CN. BLVD. & MARTINEZ ST.
						216	284				SEE F.B. 2832-29
						-1056	251				

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F.B. 4121 PG. 156 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-10-71

INDEXED T. M. PALMER DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 10:45 TO 11:10 ROD NO. 25296

NOTES CHKD BLANCHARD DATE DEC 1 71

T=66°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M.56-22 TO BM.56-21A
B.M.56-22													B.M.56-22
1	270	822	571	5	305 235	70	31	557	332	5	269 231	76	TOPANGA CN. BLVD. & MARTINEZ ST
													SEE F.B. 2832-29
2	231	871	532	5	258 204	54	61	943	362	5	89 33	56	
						124						132	
3	265	899	566	5	300 230	70	87	581	388	5	117 57	60	
						194						192	T = MALDONADO
4	273	860	574	5	273 236	74	14	760	315	5	50 14	72	
						268						264	
5	242	742	543	5	262 222	40	63	920	364	5	85 41	44	
						308						308	
6 B.M.56-21A	159	419	460	5	161 157	4	128	790	429	5	130 126	4	B.M.56-21A (U.S.C&G.S. Y-1135)
	1444	613				312						312	TOPANGA CN. BLVD. & DUMETZ R.
												312	SEE F.B. 3733-135
							388	551				624	
	388	551											
+	1056	062											

76P526B CE # 308 8/68

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

SURVEY BY G.E. DREIER DATE 11-10-71 WEATHER HAZY SUN INST. NO 96716

NOTES BY SIEMANN TIME 9:50 TO 10:05 ROD NO 95

INDEXED J. M. PALMERI DATE NOV 24 71 NOTES CHKD BLANCHARD DATE DEC 1 71

F.B. 4121 PG. 157

T = 64°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 56-22 TO B.M. 56-22A
M.56-22													B.M. 56-22
1	88	417	389	5	125 51	74	234	651	535	5	271 197	74	TOPANGA CN. BLVD. & MARTINEZ ST.
													SEE F.B. 2832-29
2	69	631	370	5	108 30	78	235	472	536	5	275 195	80	
						152	206	131	507		232	154	
3	82	960	383	5	112 52	60	131	507	18	5	180	52	
						212						206	T = MALDONADO
4	113	737	414	5	120 106	14	172	879	473	5	182 162	20	
						226						226	
M56-22A												226	B.M. 56-22A (U.S.C.&G.S. T=1135)
	354	745					849	133				452	TOPANGA CN. BLVD. & DELVALLE ST.
							354	745					SEE F.B. 3733-129
						-	494	388					

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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. 56-22A TO B.M. 56-22
B.M. 56-22A									B.M. 56-22A (U.S.C.&G.S. T-1135)
1	183	176	484 5	196 170 26	108	372	409 5	121 95 26	TOPANGA CN. BLVD. & DELVALLE ST
									SEE F.B. 3733-129
2	246	764	547 5	280 212 68	74	425	375 5	108 40 68	
				94				94	
3	214	121	515 5	247 181 66	66	049	367 5	99 33 66	T = MALDONADO
				160				160	
4	221	606	522 5	255 187 68	122	640	423 5	156 88 68	
				228				228	
B.M. 56-22								228	B.M. 56-22
	865	667			371	486		456	TOPANGA CN. BLVD. & MARTIN ST.
	371	486							SEE F.B. 2832-29
+	494	181							
	RERUN 11-12-71 3:15 TO 3:30 PTLY CLOUDY T=62°								
B.M. 56-22A									
1	143	403	444 5	147 139 8	128	410	429 5	132 124 8	
2	232	971	533 5	256 208 48	121	413	422 5	144 98 46	
3	238	050	539 5	265 211 56 54	93	068	394 5	118 68 54 50	
				110				104	
4	224	572	525 5	258 190 68	92	817	393 5	130 54 76	
				178				180	
5	229	989	530 5	255 203 52	138	888	439 5	164 112 52	
				230				232	
B.M. 56-22								230	
	1068	985			574	596		462	
	574	596							
+	494	389							

T = 66°

WEATHER HAZY SUN INST. NO. 96716

TIME 10:30 TO 10:45 ROD NO. 95 & 9

NOTES CHKD BLANCHARD DATE DEC 1 71

F.B. 4121 PG. 158 JOB NO. D301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-10-71

INDEXED T. M. PALMERI 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. 56-22A TO B.M. 56-23
B.M. 56-22A													B.M. 56-22A (U.S.C&G.S. T=113.5)
1	86	559	387	5	102 70	32	210	273	511	5	225 195	30	TOPANGA CN. BLVD. & DEL VALLE ST
													SEE F.B. 3733-129
2	11	033	312	5	48 11	74	258	409	559	5	300 216	84	T = MALDONADO
						106							
B.M. 56-23													B.M. 56-23
	97	592					468	682				114	TOPANGA CN. BLVD. & VENTURA BLVD.
							97	592				106	SEE F.B. 2832-30
							371	090				220	

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

SURVEY BY G.E. DREIER DATE 11-10-71 WEATHER HAZY SUN INST. NO 96716

NOTES BY SIEMANN TIME 10:10 TO 10:20 ROD NO 95496

INDEXED J. M. SIMMERI DATE NOV 24 71 NOTES CHKD BLANCHARD DATE DEC 1 71

T = 66°

F.B. 4121 PG. 159

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T=66°

WEATHER HAZY SUN INST. NO 96716

TIME 10:25 TO 10:30 ROD NO 95896

NOTES CHKD BLANCHARD DATE DEC 1 71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 56-23 TO B.M. 56-22A
B.M. 56-23													B.M. 56-23
1	251	431	552	5	291 211	80	4	038	305	5	42 4	76	TOPANGA CN. BLVD. & VENTURA BLVD
													SEE F.B. 2832-30
2	194	538	495	5	207 181	26	70	831	371	5	84 54	30	~~T= MALEDONADO~~
						106						106	
B.M. 56-22A												106	B.M. 56-22A (U.S.C.&G.S. T-1135)
	445	969					74	869				212	TOPANGA CN. BLVD. & DEL VALLE ST.
	74	869											SEE F.B. 3733-129
+	371	100											

F.B. 4121 PG. 160 JOB NO 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-10-71

INDEXED T. M. PALMERI DATE

Notes Ck'd by	Survey of L.A. Co. PRECISE LEVELNET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes Date May 1972
Date	Indexed G. J. GALLI JUN 9 '72

F. B. 4121 PG 165

JOB NO. 0301.02

L.A. CO. PRECISE LEVEL NET

LINE NO. 105, MAY 1972 RELEVELING

DREIER
MALDONADO
SIEMANN
OHASHI
McKNIGHT

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

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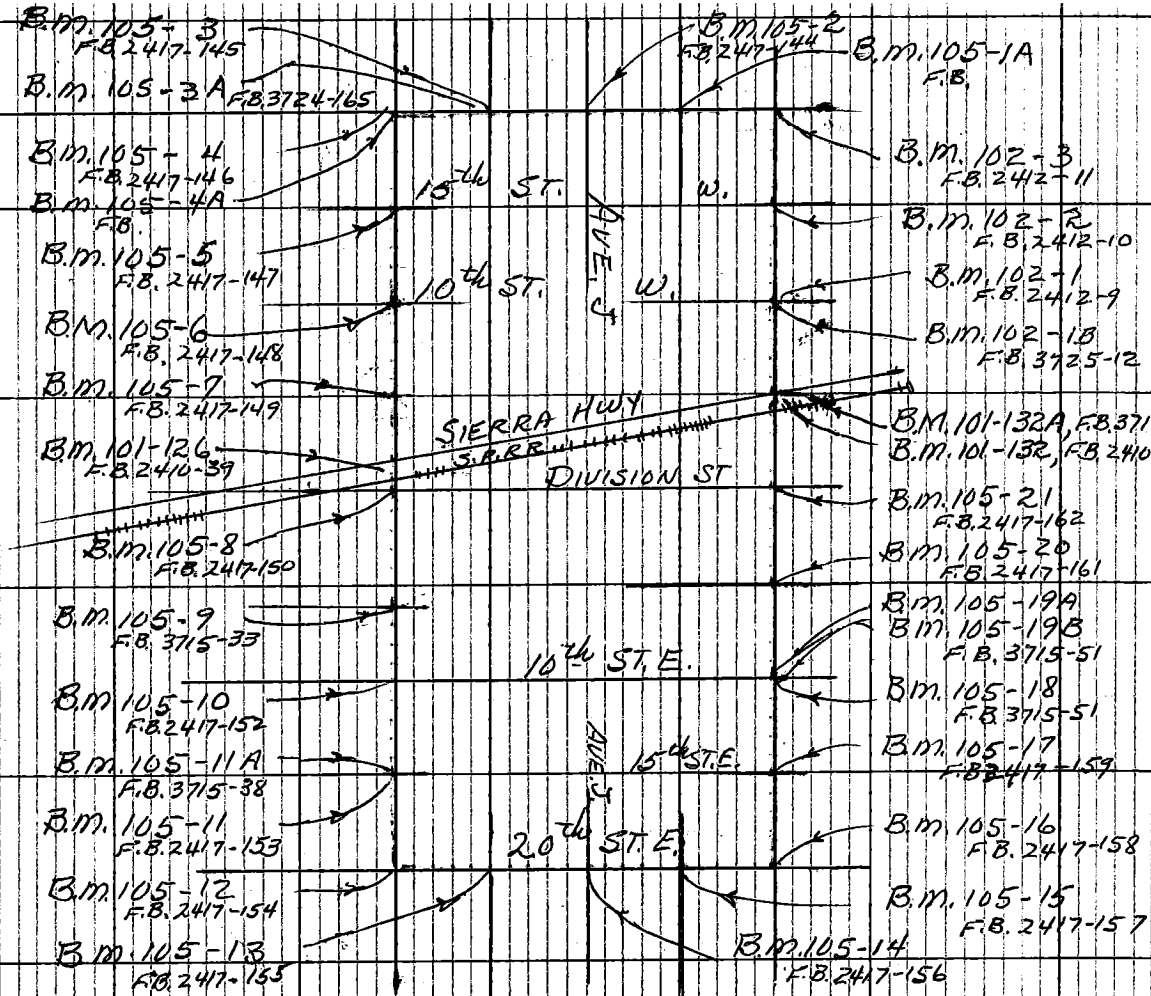
403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309S CE#310 3-69

ROUTE SKETCH, LINE 105

MAY 1972 RELEVELING

F.B. 4121 PG. 166



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76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 5-3-72 WEATHER Sunny & Calm
INDEXED R.J. GALLI DATE JUN 9 72 TIME 10:05 INST. NO. 96716
NOTES CHKD DATE ROD NO. 713-462
F.B. 4121 PG. 167
T-91°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM ~~BA 102 3~~ TO BM
									FOR DETERMINATION OF "C" ON 5-2-72 SEE LINE 118, F.B. 3767- ?
		DETERMINATION OF "C"							
		NEAR ROD				FAR ROD			
1	167	500	468	5	165 169	4	140	191	441	5	113 167	54	54M- 4 M= 50 M=0.20 mm
2	165	431	466	5	163 167	4	192	750	493	5	165 219	54	54M- 4 M= 50 M=0.20 mm
	332	931				8	332	941				108	
	332	901						040 mm				8	
	+	0.30					-0. mm						Curvature Corr.=0.40mm
							332	901				100	
		+ .003 mm= "C"											
	100 / 0.300												
								mm= "C"					
						/							

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF C								
	NEAR ROD				FAR ROD				
1	152	661	453 5	154 / 150 4	124	318	425 5	153 / 95 58	58m - 4 m = 54m = 0.20m
2	161	079	462 5	163 / 159 4	189	541	490 5	218 / 160 58	58m - 4 m = m = 0.20mm
	313	740		8	313	859		116	0.40 mm
						-0.40 mm		-8	
								108	
					313	819			
					313	740			
						0.79 mm			
						-0.008 mm = "C"			
					108	0.790			

F.B. 4121 PG. 168

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Dreier 5-4-72

INDEXED C. J. GALLI DATE

WEATHER CLEAR - WIND 80 INST. NO. 96716

TIME 10:20 ROD NO. 1713 AEI

NOTES CHKD DATE

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=70°
SURVEY BY G.E. DREIER.
NOTES BY C. OHASHI DATE 4-5-72 WEATHER WINDY & TIME 9:45-9:50 INST. NO. 96716
INDEXED G. J. GALLI DATE 9 72 NOTES CHKD. DATE ROD NO. 11318
F.B. 4121 PG. 169

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	982	461 5	162 158 04	178	175	479 5	205 151 54	54 M- 4 M= 50 M-0.20 mm
2	159	743	460 5	161 157 04	142	688	443 5	169 115 54	54 M- 4 M= 50 M=0.20 mm
	320	725		8	320	863		108	
						040			
	+				-0.	mm		8	Curvature Corr.=0.40 mm
					320	823		100	
					320	725			
					-	098			

mm= "C"

.000 mm= "C"
100 /0.98

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						
	NEAR ROD					FAR ROD			N
1	157	832	458 5	159 155 4	172	781	473 5	159 145 54	54 M − 4 M = 50 M = 0.20 mm
2.	149	900	450 5	151 147 4	135	101	436	162 108 54	54 M − 4 M = 50 M = 0.20 mm
	307	732		8	307	882		108	~~CORR~~ CORR. = 0.40
						−040		8	
					307	842		100	
					−307	732			
						110			
						−	.001	= .011 = "C"	
	~~1.110~~					100	1.1100		

F.B. 4121 PG. 170 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G. EDRIER NOTES T. OHASHI 5-8-72

INDEXED C. J. GALLI DATE

WEATHER WINDY - CLEAR INST. NO. 96916

TIME 10:00 - 10:15 ROD NO. 1713A-B

NOTES CHKD DATE

T2640

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 68°
SURVEY BY G.E. DREIER WEATHER SUNNY, WIND INST. NO 96716
NOTES BY SIEMAN DATE 5-9-72 TIME 10:30 TO 10:40 ROD NO 1713A
INDEXED C. J. GALLE DATE JAN 9 '72 NOTES CHKD DATE
F.B. 4121 PG. 171

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	141	893	442 5	143 139 4	170	072	471 5	197 143 54	54 M- 4 M= 50 M-0.20 mm
2	148	808	449 5	150 146 4	120	792	421 5	147 93 54	54 M- 4 M= 50 M=0.20 mm
	290	701			290	864		108	
				8		040			
	+				-0.	mm		8	Curvature Corr.=0.40 mm
					290	824		100	
					290	701			
					-	123			
				mm= "C"					
					-	.012 mm= "C"			
					100/	1.23			

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM _____ TO _____
					DETERMINATION OF "C"								
		NEAR ROD						FAR ROD.					
1.	142	521	443	5	144 / 140	4	118	928	419	5	145 / 91	54	54 M - 4M = 50 = 0.20 mm
2.	148	826	449	5	150 / 146	4	122	459	473	5	199 / 145	54	54 M - 4M = 50 = 0.20 mm
	291	347				8	291	387				108	
							-	040				-8	CURV. CORR. = 0.40 mm
							291	347				100	
							291	347					
								000					
								.000					
							100	0.00					

= C

F.B. 4121 PG. 172 JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OUASHI 5-10-72

INDEXED D. J. GALLI DATE

WEATHER SUNNY - CLEAR T = 78° INST. NO. 96716

TIME 10:00 - 10:05 ROD NO. 1713 AB

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 T. OHASHI DATE 5-11-72
INDEXED C. J. GALLE DATE 9 72
WEATHER Sunny - Clear To 84°
TIME 10:25 - 10:30
NOTES CHKD DATE
INST. NO. 96716
ROD NO. 1713A-B
F.B. 4121 PG. 173

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	162	800	463 5	164 160 4	178	520	479 5	205 151 54	54 M- 4 M= 50 M-0.20 mm
2	158	199	459 5	160 156 4	142	621	443 5	169 115 54	M- M= M=0.20 mm
	320	999		8	321	141		108	0.40
						040		8	
	+				-0.~~40mm~~				Curvature Corr.=0.40 mm
					321	101		100	
					320	999			
					-	102			
				mm= "C"					
					-	1010		mm= "C"	
					100 /	1.02			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4121 PG. 174 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 5-12-72

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 10:00 ROD NO. 713A-

NOTES CHKD DATE

84°

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"								R. SIEMANN
	NEAR ROD				FAR ROD				
1	159	342	460 5	161 157 4	196	413	497 5	223 169 54	54 m - 4m = 50 m = 0.20 mm
2	157	540	458 5	159 155 4	120	505	421 5	147 93 54	54 m - 4m = 50 m = 0.20 mm
	316	882		8	316	918		108	
	316	878				040			
		004			316	878			CURVATURE CORR. = 0.40 mm
	+	0.000 mm = C							
	100	0.04 mm							

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. CHASHI DATE 5-15-72
INDEXED G. J. GALLI DATE JUN 9 72
WEATHER Sunny-Clear TEMP. 95° INST. NO. 96716
TIME 955 - 10:00 ROD NO. 17134-A
NOTES CHKD. DATE
F.B. 4121 PG. 175

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	295	425 5	126 / 122 4	87	094	388 5	114 / 60 54	54 M- 4 M= 50 M-0.20 mm
2	153	829	454 5	155 / 151 4	190	998	491 5	217 / 163 54	54 M- 4 M= 50 M=0.20 mm
	278	124		8	278	092		108	
	278	052				040		8	
	+	072			-0.~~40~~ mm				Curvature Corr.=0.40 mm
					278	052		100	

+ .007 mm= "C"
100 / 0.72

mm= "C"

F.B. 4121 PG. 176 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES

INDEXED C. J. GALLI DATE

WEATHER INST. NO. 96716

TIME ROD NO. 713A&B

NOTES CHKD DATE

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

Do not extend notes this side of this line.

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

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM TO
			DETERMINATION OF "C"						
		NEAR ROD					FAR ROD		
1									M- M= M-0.20MM
2									M- M=

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 102-1B TO BM 102-1
BM 102-1B				184				224	BM 102-1B (U.S.C.&G.S. W1219, 1971)
1	174	803	475 5	164 20	213	281	514 5	202 22	Ave "I" & 10th St. W. S.E. Co R.
					174	803		20	see F.B. 3725-12
					-38	478		42	
									K-Siemann
BM 102-1									BM. 102-1
									Ave. "I" & 10th St. W. ℄ Int.
									See F.B. 2412-9

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

SURVEY BY G.F. Dreier

NOTES BY Maldonado DATE 5-2-72

INDEXED C. J. GALLI DATE JAN 9 72

WEATHER Sunny & Calm INST. NO. 96716

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

NOTES CHKD LARAINE MIYATA DATE 25 SEP 72

T-90°

F.B. 4121 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 BM 102-1 TO BM 102-1B
BM 102-1				222				184	BM 102-1 (Sec. Cor. 9, 10, 15, 16)
1	211	099	512 5	200 22	172	592	473 5	160 24	Ave. I, & 10th St. W. ℄ Int.
	172	592						22	See F.B. 2412-9
	+38	507						46	x - Siemann
BM 102-1B									BM 102-1B (U.S.C.&G.S. W-1219, 1971)
									Ave. I, & 10th St. W. S.E. Cor.
									See F.B. 3725-12

F.B. 4121 PG. 178 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-12-72

INDEXED C. J. GALLI DATE

T-86 D

WEATHER Sunny & Calm INST. NO. 96716

TIME 11:25 to 11:30 ROD NO. 1713A

NOTES CHK. DRAINE MIYATA DATE 25 SEP '72

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 5-2-72

INDEXED C. J. GALLI DATE JM 9 72

WEATHER Sunny & Calm

TIME 1:40 to 2:00

NOTES CHIEF DRAINE MIYATA

T-90°

F.B. 4121 PG. 179

INST. NO 96716

ROD NO 1713 AE

DATE 25 SEP

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-1 TO BM 102-2
BM 102-1				191		3		207	BM 102-1 (Sec. Cor. 9,10,15,16)
1	163	700	464 5	135 56	179	431	480 5	151 56	Ave "I" & 10th St. W. & Int.
				171				215	see F.B. 2412-9
2	136	831	437 5	101 70	180	479	481 5	145 70	
				191 126				205 126	
3	153	718	454 5	115 76	168	075	469 5	131 74	T-Siemann
				176 202				196 200	
4	141	595	442 5	106 70	161	391	462 5	126 70	
				184 272				208 270	
5	149	621	450 5	114 70	173	670	474 5	138 70	
				185 342				213 340	
6	154	290	455 5	123 62	182	309	483 5	151 62	
				404				402	
		7						404	
	899	855			1045	355		806	
					899	855			BM 102-2 (~~Sec. Cor. 16,17,20,21 T7N R12W~~)
BM 102-2					145	500 6			Ave. I & 15th St. W. NE Cor. @ Is.
									See F.B. 2412-10

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-2 TO BM 102-1
BM 102-2				242				189	BM 102-2
1	198	767	499 5	154 88	145	799	446 5	101 88	Ave. "I" & 15th St. W. N.E. Cor @ Is.
				218				185	See F.B. 2412-10
2	173	930	474 5	128 90	139	441	440 5	93 92	
				220 178				186 180	T-Siemann
3	174	459	475 5	128 92	140	040	441 5	94 92	
				217 270				179 272	
4	172	999	473 5	127 90	134	381	435 5	89 90	
				200 360				214 362	
5	179	079	480 5	158 42	193	791	494 5	172 42	
				402				404	
								402	
	899	254			753	452		806	
	753	452							
	145	782							
BM 102-1									BM 102-1 (Sec Cor 9, 10, 15, 16) Ave. I & 10th St. W. & Int See F.B. 2412-9

F.B. 4121 PG. 180 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-12-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Calm INST. NO. 96716

TIME 11:00 to 11:25 ROD NO. 1713A&B

NOTES CHECKED ERRAINE MIYATA DATE 25 SEP '72

T-86°

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 BM102-2 TO BM102-3
M 102-2					169						175		BM 102-2 (~~T7N, R12W Sec Cor 16,17,20,21~~)
1	136	791	437	5	103	66	143	175	444	5	111	64	15th St. W. & Ave. I
					152						236		See F.B. 2412-10
2	117	351	418	5	82	70	202	490	503	5	168	68	
					248	136					183	132	
3	213	430	514	5	178	70	145	811	446	5	107	76	T-Siemann
					168	206					202	208	
4	132	029	433	5	96	72	166	190	467	5	130	72	
					199	278					196	280	
5	164	751	465	5	129	70	161	057	462	5	126	70	
					128	348					211	350	
6	150	691	451	5	122	56	184	111	485	5	157	54	
						404						404	
												404	
	915	013					1002	828				808	BM102-3 (~~[illegible]~~)
BM102-3							915	013					Ave I, & 20th St. W. N.E. Cor.
							87	815					See F.B. ~~2417-145~~ 2412-11

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 5-2-72

INDEXED C. J. GALLI DATE JUN 9 72

WEATHER Sunny & Calm

TIME 2:05 to 2:30

NOTES CHK DARAINE MIYATA

INST. NO. 96716

ROD NO. 1713A&B

DATE 25 SEP 72

T-98°

F.B. 4121 PG. 181

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 102-3 TO BM 102-2
BM 102-3				226				189	BM 102-3
1	191	981	492 5	156 70	154	310	455 5	119 70	Ave I & 20th St. W.
				203				191	See F.B. 2412-11
2	162	238	463 5	121 82	151	940	452 5	111 80	
				185 152				174 150	
3	144	313	445 5	103 82	133	402	434 5	92 82	π-Siemann
				204 234				197 232	
4	164	710	465 5	124 80	156	919	457 5	115 82	
				200 314				173 314	
5	169	789	470 5	138 62	142	793	443 5	111 62	
				186 376				190 376	
6	167	985	468 5	148 38	173	560	474 5	156 34	
				414				410	
								414	
	1001	016			912	924		824	BM 102-2
BM 102-2	912	924							15th St. W & Ave. I N.E. Cor. @ Is.
	188	992							See F.B. 2412-10

F.B. 4121 PG. 182 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-12-72

INDEXED C. J. GALLE DATE

WEATHER Sunny & Calm INST. NO. 26716

TIME 10:25 to 11:00 ROD NO. 1713A&B

NOTES CHK'D LARAINE MIYATA DATE 25 SEP 72

T-86

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 Mobberley
NOTES BY G.E. Dreier DATE 5-3-72
INDEXED G. J. GALLI DATE 9-72
WEATHER Sunny & Clear TIME 10:15 to 10:45
INST. NO 96716
ROD NO 1213
NOTES CHK LORAINE MIYATA DATE 25 SEP 72
F.B. 4121 PG. 183
T-91°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 102-3 TO BM 105-1A
M 102-3					212						182		BM 102-3
1	179	331	480	5	146	66	145	630	446	5	108	74	Ave I & 20th St W. N.E COR.
					223						167		See F.B 2412-11
2	187	191	488	5	151	72	133	460	434	5	99	68	
					231	138					179	142	
3	190	508	491	5	149	82	137	719	438	5	97	80	T-Siemann
					207	220					147	222	
4	167	519	468	5	127	80	108	250	409	5	69	78	
					248	300					166	300	
5	207	000	508	5	166	82	126	881	427	5	86	80	
					187	382					165	380	
6	170	159	471	5	153	34	147	880	448	5	129	36	
						416						416	
												416	
M 105-1A													
	1101	708					799	820				832	
	799	820											BM 105-1A (1/4 Cor. 17 16 T7N R12W)
	301	888											20th St W. & Lancaster Blvd & Int
													See F.B. 3724-159

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 BM105-1A TO BM102-3
BM 105-1A				171				237	BM 105-1A (T7N R12W 1/4 Sec Cor 16;
1	129	660	430 5	87 84	195	672	496 5	153 84	20th St. W. & Lancaster Blvd. E.T.
				150				242	See F.B. 3724-159
2	110	761	411 5	70 80	200	864	501 5	158 84	
				186 164				231 168	
3	146	114	447 5	106 80	190	071	491 5	149 82	K-Siemann
				167 244				228 250	
4	126	530	427 5	85 82	186	170	487 5	144 84	
				173 326				211 334	
5	130	130	431 5	87 86	172	588	473 5	133 78	
				412				412	
								412	
	643	195			945	365		824	
					643	195			
					302	170			
BM 102-3									BM 102-3
									20th St. W. & Ave I N.E. Cor
									F.B. 2412-11

F.B. 4121 PG. 184 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Ne

SURVEY BY Dreier NOTES Maldonado 5-12-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Calm INST. NO. 96716

TIME 10:00 to 10:30 ROD NO. 1713A

NOTES CHK. DARAINE MIYATA DATE 2-5 SEP '72

T-84°

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 5-12-72

INDEXED C. J. GALLE DATE JUN 9 '72

WEATHER Sunny & Calm

TIME 12:50 to 1:20

NOTES CHKD LARAINE MIYATA DATE 25 SEP 72

INST. NO. 96716

ROD NO. 1713A & 1

F.B. 4121 PG. 185

T-88°

STATION	BACKSIGHT Re-Run						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM102-3 TO BM105-1A
BM102-3					208						177		BM102-3
1	171	691	472	5	134	74	139	669	440	5	101	76	Ave I & 20th St. W. N.E. Cor
					234						167		See F.B. 2412-11
2	194	663	495	5	154	80	132	686	433	5	97	70	
					230	154					188	146	
3	190	509	491	5	150	80	145	173	446	5	102	86	T-Siemann
					217	234					136	232	
4	177	521	478	5	137	80	97	720	398	5	58	78	Re-Run
					221	314					162	310	
5	186	739	487	5	151	70	127	979	428	5	92	70	
					191	384					169	380	
6	176	940	477	5	161	30	152	755	453	5	135	34	
						414						414	
												414	
	1098	063					~~796~~	~~022~~				828	
	~~795~~	~~982~~					795	98					BM105-1A (1/4 Cor. 17, 16)
M105-1A	~~302~~	~~041~~											20th St. W. & Lancaster Blvd. E Int
		~~8~~											See F.B. 3724-159
	795	982											
	+ 302	081											

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 DATE 5-3-72 WEATHER SUNNY HOT INST. NO 96716
NOTES BY SIEMANN TIME 10:45 TO 11:15 ROD NO 17348
INDEXED C.J. GALLI DATE 9 72 NOTES CHARAINE MIYATA DATE 25 SEP 72
F.B. 4121 PG. 187

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. 105-1A TO B.M. 105-2
M.105-1A													B.M. 105-1A (1/4 COR. 17, 16)
1	180	433	481	5	214 146	68	133	391	434	5	168 98	70	20TH ST. W. & LANCASTER BLVD. & INT.
													SEE F.B. 3724-159
2	182	363	483	5	215 149	66	125	702	426	5	158 92	66	
						134						136	
3	177	830	478	5	209 145	64	126	132	427	5	157 95	62	
						198						198	
4	193	183	494	5	225 161	64	117	751	418	5	149 85	64	T = MALDONADO
						262						262	
5	180	142	481	5	209 151	58	128	666	429	5	157 99	58	
						320						320	
6	178	808	479	5	204 152	52	128	129	429	5	154 102	52	
7	172	003	473	5	191 153	372 38	194	484	495	5	172 176	372	
M.105-2						410						36 40	B.M. 105-2 (SEC. COR. 16, 17, 20, 21)
	1264721						954255					828	20TH ST. W. & AVE. J. & INT.
	954255												SEE F.B. 2417-144
+	310507												

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 105-2 TO B.M. 105-1A
B.M. 105-2									B.M. 105-2 (SEC. COR. 16, 17, 20, 21.
1	167	298	468 5	198 136 62	174	428	475 5	206 142 64	20TH ST. W. & AVE. J. ℄ INT.
									SEE F.B. 2417-144
2	128	914	429 5	162 94 68	190	729	491 5	223 157 66	
				130				130	
3	116	640	417 5	151 81 70	176	720	477 5	212 141 70	
				200				200	
4	113	688	414 5	147 79 68	180	297	481 5	213 147 66	
				268				266	T = MALDONADO
5	123	223	424 5	156 90 66	180	068	481 5	214 146 68	
				334				334	
6	129	129	430 5	168 90 78	187	444	488 5	226 148 78	
				412				412	
B.M. 105-1A								412	B.M. 105-1A (1/4 SEC. COR.
	778	892			1089	686		824	20TH ST. W. & LANCASTER BLVD. ℄ INT
					778	892			SEE F.B. 3724-159
					-310	794			

T = 92°

WEATHER SUNNY HOT INST. NO 96716

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

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

F.B. 4121 PG. 188 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-11-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM.105 1A TO BM 105-2
M.105-1A													BM.105-1A
1.	183	227	484	5	219 / 147	72	130	194	431	5	166 / 94	72	20TH ST. W. & LANCASTER BLVD & INT.
													SEE F.B. 3724-159
2.	177	011	478	5	211 / 143	68	122	249	423	5	155 / 89	66	
						140						138	
3.	177	122	478	5	210 / 144	66	122	881	423	5	155 / 89	66	⊼ J. MALDONADO
						206						204	
4.	194	594	495	5	228 / 160	68	118	870	419	5	152 / 84	68	Re-Run
						274						272	
5.	186	111	487	5	219 / 153	66	122	899	423	5	156 / 88	68	
						340						340	
6	186	051	487	5	222 / 150	72	176	403	477	5	212 / 140	72	
						412						412	
M.105-2												412	BM.105-2 (SEC. COR. 16,17,20,21)
	1104	116					793	496				824	20TH ST. W. & AVE "J" & INT.
	793	496											SEE F.B. 2417-144
+	310	620											

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

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 5-12-72

INDEXED C.J. GALLI DATE JUN 9 72

WEATHER T=98° SUNNY-CLEAR INST. NO. 96716

TIME 1:20 - 2:50 ROD NO. 1713A-B

NOTES CHKD BRAINE MIYATA DATE 25 SEP 72

F.B. 4121 PG. 189

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=94°

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

NOTES BY SIEMANN DATE 5-3-72 TIME 11:15 TO 11:45 ROD NO 1713AB

INDEXED C. J. GALLI DATE JAN 9 72 NOTES CHK'D LORAINE MIYATA DATE 25 SEP 72

F.B. 4121 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. 105-2 TO B.M. 105-3
M. 105-2									B.M. 105-2 (SEC. COR. 16, 17, 20, 21)
1	224	299	525 5	256 192 64	132	922	433 5	164 100 64	20TH ST. W. & AVE. J. ℄ INT.
									SEE F.B. 2417-144
2	176	518	477 5	209 143 66	106	502	407 5	139 73 66	
				130				130	
3	169	580	470 5	201 137 64	108	823	409 5	138 78 60	
				194				190	
4	218	781	519 5	250 186 64	117	321	418 5	149 85 64	⊼ = MALDONADO
				258				254	
5	142	173	443 5	175 109 66	92	301	393 5	126 58 66	
				324				320	
6	216	302	517 5	256 176 80	86	951	387 5	127 86 82	
				404				402	
M. 105-3								404	B.M. 105-3 (1/4 SEC. COR. 20, 21)
	147	653			644	820		806	20TH ST. W. & AVE. J-8 ℄ INT.
	644	820							SEE F.B. 2417-145
	+ 502	833							

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 105-3 TO B.M. 105-2
B.M. 105-3													B.M. 105-3 (1/4 SEC. COR. 20, 21)
1	92	984	393	5	124 60	64	199	863	500	5	232 166	66	20TH ST. W. & AVE. J-8 ℄ INT.
													SEE F.B. 2417-145
2	91	211	392	5	124 58	66	171	951	472	5	203 139	64	
						130						130	
3	152	918	453	5	184 120	64	202	991	503	5	234 170	64	
						194						194	
4	91	464	392	5	124 58	66	176	964	477	5	209 143	66	
						260						260	T = MALDONADO
5	131	969	432	5	165 97	68	189	581	490	5	221 157	64	
						328						324	
6	132	558	433	5	161 103	58	166	340	467	5	195 137	58	
						386						382	
7	152	837	453	5	164 140	24	240	531	541	5	254 226	28	
						410						410	
B.M. 105-2												410	B.M. 105-2 (SEC. COR. 16, 17, 20, 21,
	845	941					1348	221				820	20TH ST. W. & AVE. J. ℄ INT.
							845	941					SEE F.B. 2417-144
							- 502	280					

T = 92°

WEATHER SUNNY, HOT INST. NO. 96716

TIME 1:30 TO 2:00 ROD NO. 1713AE

NOTES CHAIN LAPRAINE MIYATA DATE 25 SEP '72

F.B. 4121 PG. 192 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-11-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 105-2 TO BM. 105-3
B.M. 105-2													BM 105-2 (SEC. COR 16, 17, 20, 21)
1.	223	182	524	5	257 / 189	68	127	046	428	5	169 / 92	66	20TH. ST. W. & AVE "J" & INT.
													SEE F.B. 2417-144
2	175	388	476	5	299 / 161	68	111	919	412	5	144 / 78	66	
						136						132	
3.	182	139	483	5	216 / 148	68	110	920	411	5	144 / 76	68	T. J. MALDONADO
						204						200	
4	226	308	527	5	257 / 193	66	143	310	444	5	175 / 111	64	
						270						264	
5	155	468	456	5	190 / 120	70	81	042	382	5	119 / 43	76	
						340						340	
6.	216	139	517	5	247 / 185	62	101	607	402	5	134 / 68	66	
						402						406	
B.M. 105-3												402	B.M. 105-3 (1/4 SEC COR. 20, 21)
	1078	624					675	844				808	20TH. ST. W. & AVE "J-8" & INT.
	675	844											SEE F.B. 2417-145
+	402	780											
	5												

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

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI

INDEXED G. J. GALLI DATE 9 72

DATE 5-12-72

TIME 8:50 - 2:15

WEATHER SUNNY-CLEAR 72°

INST. NO. 7116

ROD NO. 013

NOTES CHK. LORAINE MIYATA DATE 25 SEP 72

F.B. 4121 PG. 193

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4121 PG. 194 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.E. DREER NOTES T. OKASHI 5-15-72

INDEXED C. J. GALLI DATE

T = 90°

WEATHER SUNNY-CLEAR INST. NO. 96716

TIME 10:00 — ROD NO. 17134-B

NOTES CHKD. MIYATA DATE 25 SEP 72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 105-3 TO BM 105-2
BM. 105-3													BM 105-3 (1/4 Sec Cor 20,21)
1	93	540	394	5	125 / 67	64	201	371	502	5	233 / 169	64	20TH ST. W. & AVE. "J-8" & INT.
													SEE F.B. 2417-145
2	92	808	393	5	126 / 58	68	157	863	458	5	191 / 123	68	
						132						132	
3.	127	748	428	5	162 / 92	70	219	354	520	5	254 / 184	70	T. J. MALDONADO
						202						202	
4.	94	373	395	5	130 / 58	72	175	482	476	5	210 / 140	70	
						274						272	
5.	135	198	436	5	171 / 99	72	189	721	490	5	226 / 152	74	
						346						346	
6.	131	759	432	5	161 / 101	60	234	616	535	5	264 / 204	60	
						406						406	
												406	B.M. 105-2 (Sec Cor. 16,17,20,21)
BM. 105-2												812	20TH ST. W. & AVE. "J" & INT.
	675	426					1178	407					SEE F.B. 2417-144
							675	426					
							502	981					

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 105-3 TO B.M. 105-3A
M 105-3													B.M. 105-3 (¼ SEC. COR. 20, 21)
													20TH ST. W. & AVE. J-8 & INT.
1	158	357	459	5	164 152	12	129	317	430	5	134 124	10	SEE F.B. 2417-145
													~~T = MAGDONADO~~
	129	317										12	
M.105-3A	+29	040										22	B.M. 105-3A
													20TH ST. W. & AVE. J-8 S.W. COR.
													SEE F.B. 3724-165

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 5-3-72

INDEXED C. J. GALLE DATE JUN 9 '72

WEATHER SUNNY, HOT INST. NO 96716

TIME 11:45 TO 11:50 ROD NO 1713AB

NOTES CHKD DATE 25 SEP '72

F.B. 4121 PG. 195

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 105-3A TO B.M. 105-3
B.M. 105-3A													B.M. 105-3A
													20TH ST. W. & AVE. J-8 S.W. COR
1	131	501	432	5	136 126	10	160	556	461	5	165 155	10	SEE F.B. ~~2417~~ 3724-165
													⊼ = MALDONADO
							131	501				10	
B.M. 105-3							29	055				20	B.M. 105-3 (1/4 SEC. COR. 20, 21)
													20TH ST. W. & AVE. J-8 ℄ INT.
													SEE F.B. 2417-145

T = 94°

WEATHER SUNNY, HOT INST. NO. 9671

TIME 11:50 TO 11:55 ROD NO. 1713A

NOTES CHAIRMAN MIYATA DATE 25 SEP '72

F.B. 4121 PG. 196 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-3-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 105-3A TO B.M. 105-4
M. 105-3A									B.M. 105-3A
1	197	373	498 5	227 167 60	97	383	398 5	125 69 56	20TH ST. W. & AVE. J-8 - S.W. COR.
									SEE F.B. 3724-165
2	226	315	527 5	258 194 64	84	712	385 5	118 50 68	
				124				124	
3	227	333	528 5	259 195 64	76	417	377 5	109 43 66	
				188				190	
4	240	943	541 5	271 209 62	37	800	338 5	70 4 66	⊼ = MALDONADO
				250				256	
5	223	852	524 5	255 191 64	94	187	395 5	125 63 62	
				314				318	
6	173	773	474 5	206 140 66	89	971	390 5	120 58 62	
				380				380	
7	190	420	491 5	202 178 24	137	305	438 5	149 125 24	
				404				404	
M. 105-4								404	B.M. 105-4
	1480	009			617	775		808	20TH ST. W. & AVE. K. S.W. COR.
	617	775							SEE F.B. 2417-146
	+ 862	234							

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

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

NOTES BY SIEMANN DATE 5-3-72 TIME 1:05 TO 1:42 ROD NO 1713AB

INDEXED C. J. GALLI DATE 9 '72 NOTES CHK LORAINE MIYATA DATE 25 SEP '72

F.B. 4121 PG. 197

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 105-4 TO B.M. 105-3A
B.M. 105-4									B.M. 105-4
1	65	391	366 5	102 28 74	194	298	495 5	230 158 72	20TH ST. W. & AVE. K. S.W. COR.
									SEE F.B. 2417-146
2	84	111	385 5	118 50 68	188	902	489 5	221 155 66	
				142				138	
3	33	027	334 5	68 33 70	253	751	554 5	288 218 70	
				212				208	
4	72	653	373 5	104 40 64	214	248	515 5	246 182 64	T = MALDONADO
				276				272	
5	72	735	373 5	105 39 66	213	668	514 5	246 180 66	
				342				338	
6	87	120	388 5	119 55 64	212	463	513 5	245 179 66	
				406				404	
B.M. 105-3A								406	B.M. 105-3A
	415	037			277	330		810	20TH ST. W. & AVE. J-8 S.W. COR.
					415	037			SEE F.B. 3724-165
					862	293			

T = 90°

WEATHER SUNNY, HOT INST. NO. 96716

TIME 1:00 TO 1:30 ROD NO. 1713AB

NOTES CHK DARAINE MIYATA DATE 25 SEP '72

F.B. 4121 PG. 198 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-H-72

INDEXED C. J. GALLI DATE

'6P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 94°
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 5-3-72 WEATHER SUNNY, WINDY INST. NO 26716
INDEXED G. J. GALLI DATE JUN 9 72 TIME 1:45 TO 1:50 ROD NO 17348
NOTES CHK LORAINE MIYATA DATE 25 SEP 72
F.B. 4121 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. 105-4 TO B.M 105-4A
B.M.105-4									B.M.105-4
									20TH ST. W. & AVE. K. S.W. COR.
1	111 537	412 5	122 100 22		130 502	431 5	141 119 22		SEE F.B. 2417-146
									~~T = MALDONADO~~
					111 537			22	
B.M.105-4A					- 18965	/		44	B.M.105-4A (SEC. COR. 20, 21, 29, 28)
									20TH ST. W. & AVE. K & INT.
									SEE F.B. 3724-168

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 105-4A TO B.M. 105-4
B.M. 105-4A													B.M. 105-4A (SEC. COR. 20, 21, 29, 28)
													20TH ST. W. & AVE. K. & INT.
1	127	671	428	5	138 116	22	108	702	409	5	119 97	22	SEE F.B. 3724-168
													π = MALDONADO
	108	702										22	
B.M. 105-4	18	969										44	BM. 105-4
													20TH ST. W. & AVE. K. S.W. COR.
													SEE F.B. 2417-146

T-94°

WEATHER SUNNY, WINDY INST. NO. 96716

TIME 1:50 TO 1:52 ROD NO. 1713A

NOTES CHK. PARAINE MIYATA DATE 2-5-88 '72

F.B. 4121 PG. 200 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-3-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 105-4A TO BM 105-5
M 105-4A				207				174	BM 105-4A (SEC. COR. 20, 21, 29, 28)
1	168	690	469 5	129 78	134	609	435 5	93 81	20th St W. & Ave. K & Int
				225				168	see F.B. 3724-168
2	185	239	486 5	145 80	127	300	428 5	86 82	
				241 158	129			168 163	
3	200	236	501 5	159 82	~~130~~	947	430 5	90 78	T-Siemann
				172 240				225 241	
4	132	239	433 5	92 80	186	511	487 5	147 78	
				222 320				204 319	
5	178	751	479 5	134 88	158	222	459 5	112 92	
				408				411	
								408	
	865	155			736	589		819	
	736	589							BM 105-5 (1/4 Sec. Cor. 21, 28)
M 105-5	+228	566							Ave. "K" & 150 Ft. E. of E. Fr. Way Pillar
	1								see F.B. 2417-147, 3724-169

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-94°

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

NOTES BY Maldonado DATE 5-3-72 TIME 1:55 to 2:25 ROD NO 1713 [illegible]

INDEXED C. J. GALLI DATE [illegible] 9 72 NOTES CHKD RAINE MIYATA DATE 25 SEP 72

F.B. 4121 PG. 201

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 BM105-5 TO BM105-4A
BM105-5									BM105-5 (1/4 Sec. Cor. 21,28)
1	177	321	478 5	213 141 72	186	960	487 5	222 150 72	Ave. K, & 150 Ft. E of E Br. Way
									See F.B. 2417-147, 3724-169
2.	112	461	413 5	148 76 72	151	771	452 5	185 117 68	
				144				140	
3.	194	910	495 5	229 159 70	163	910	464 5	198 128 70	⊼ R. SEIMANN
				214				210	
4.	136	765	437 5	172 100 72	169	919	470 5	206 132 74	
		449		286				284	
5.	128	~~49~~	429 5	163 93 70	179	549	480 5	213 145 68	
				356				352	
6	142	522	443 5	170 114 56	168	772	469 5	198 138 60	
				412				412	
BM. 105-4A								412	B.M. 105-4A (Sec. Cor. 20, 21, 29, 28)
	892	428			1020	881		824	Ave. "K" & 20th St. W. ℄ Int.
					892	428			See F.B. 3724-168
				—	128	453			

F.B. 4121 PG. 202 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES T. Ohashi 5-11-72

INDEXED C. J. GALLI DATE

WEATHER Sunny-Clear INST. NO. 96716

TIME 1130 - 1200 ROD NO. 1713 A&B

NOTES CHKD. ~~LARAINE MIYATA~~ DATE 25 SEP '72

T-88°

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 Waldmann DATE 5-3-72
INDEXED G. J. GALLI DATE JUN 9 72
WEATHER Sunny & Windy INST. NO 26716
TIME 2:25 to 2:45 ROD NO 013488
NOTES CHECKED MAUNE DATE 25 SEP 72
T-94
F.B. 4421 PG. 203

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													From BM 105-5 To BM 105-6
BM 105-5					279		4				144		BM 105-5 (1/4 Sec. Cor. 21, 28)
1	239	869	540	5	199	80	103	091	405	5	67	80	Ave. K & 150 Ft. E. of E. Frwy. Pillar
					202						245		See F.B. 2417-147, 3724-169
2	159	299	460	5	116	86	203	044	504	5	161	84	
					273	166					165	164	T-Siemann
3	232	288	533	5	191	82	124	071	425	5	83	82	
					265	248					135	246	
4	224	950	525	5	183	82	94	180	395	5	53	82	
					252	330					180	328	
5	221	340	522	5	190	62	151	731	432	5	122	58	
						392						386	
												392	
	1077	746					677	167				778	
	677	167											
	1400	579											
BM 105-6													BM 105-6
													Ave. "K" & 10th St. W. N.W. Cor.
													See F.B. 2417-148

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 BM105-6 TO BM105-5
BM105-6													BM 105-6
1	95	020	396	5	1/2 131/96	72	215	221	516	5	251/179	72	Ave. K, & 10th St. W.
													See F.B. 2417-148
2	116	791	417	5	151/81	70	200	799	501	5	234/166	68	
						142						140	
3.	133	431	434	5	120/96	74	234	529	435	5	221/197	74	
						216						214	R. SEIMANN
4	192	869	493	5	225/159	66	151	122	452	5	183/119	64	
						282						278	
5	139	888	440	5	124/104	70	183	586	484	5	220/146	74	
						352						352	
6	147	628	448	5	164/130	34	241	188	542	5	258/224	34	
						386						386	
BM. 105-5												386	B.M. 105-5
	825	627					1226	445				772	Ave. "K" & 150' Ft. E. of E. Fwy Pillar
							825	627					See F.B. 2417-147
							400	818					

T-85°

F.B. 4121 PG. 204 JOB NO. 0301.02

SURVEY OF L.A. Co Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-11-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 11:00 - 11:30 ROD NO. 1713453

NOTES CHAINED MIYATA DATE 2-5 SEP 72

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM.105-6 TO B.M.105-7
BM.105-6									B.M.105-6
1	245	520	546 5	293 197 96	108	354	409 5	156 60 96	AVE "K" & 10TH ST W.
									SEE F.B. 2417-148
2.	182	022	483 5	222 142 80	153	511	454 5	192 114 78	
				176				174	
3.	197	560	498 5	237 157 80	148	580	449 5	188 109 79	⊼ R. SIEMANN
				256				253	
4.	203	331	504 5	243 163 80	138	478	439 5	178 98 80	
				336				333	
5.	176	959	477 5	204 146 60	152	139	453 5	182 122 60	
				396				393	
6.	185	920	486 5	205 165 40	206	5[illegible]	507 5	228 184 44	
				436				437	
B.M.105-7								436	B.M.105-7
	1191	312			907	633		873	AVE "K" & 5TH. ST. W.
	907	633							SEE F.B. 2417-149
	+283	679							

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

SURVEY BY G. E. DREIER

NOTES BY T. OWASHI DATE 5-4-72

INDEXED C. J. GALLI DATE JUN 9 '72

WEATHER WINDY & HAZE T=80°

TIME 10:30 - 10:55

NOTES CHILDRAINE MIYATRATE 25 SEP '72

INST. NO. 96716

ROD NO. 1713 A

F.B. 4121 PG. 205

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 105-7 TO B.M. 105-6
B.M. 105-7													B.M. 105-7
1.	179	599	480	5	212 146	66	186	687	487	5	219 153	66	AVE "K" & 5TH ST W.
													SEE F.B 2417-149
2.	143	533	444	5	178 108	70	180	490	481	5	216 144	72	
						136						138	
3	144	372	445	5	180 108	72	198	281	499	5	235 161	74	
						208						212	⊼ R. SEIMANN
4	146	755	447	5	181 111	70	162	791	463	5	196 128	68	
						278						280	
5	138	451	439	5	174 102	72	192	703	493	5	228 156	72	
						350						352	
6	113	243	414	5	154 72	82	228	800	529	5	268 188	80	
						432						432	
B.M. 105-6												432	BM. 105-6
	865	953					1149	75 ~~387~~				864	AVE. "K" & 10TH. ST. W.
							865	953					SEE F.B. 2417-148
							283	~~428~~ 799					

F.B. 4121 PG. 206 JOB NO. 030102

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

SURVEY BY G.E. DREIER NOTES T. OHASHI 5-11-72

INDEXED C. J. GALLI DATE

T-84P

WEATHER SUNNY-CLEAR INST. NO 96716

TIME 1030 - 11:00 ROD NO 1713A-B

NOTES CH ~~KARAINE MIYATA~~ DATE 25 SEP '72

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM.105-7 TO B.M.101-126
B.M.105-7													B.M. 105-7
1.	228	380	529	5	264 / 192	72	146	469	447	5	183 / 109	74	AVE. "K" & 5TH. ST. W.
													SEE F.B. 2417-149
2.	174	442	475	5	209 / 139	70	124	962	425	5	159 / 89	70	
						142						144	
3.	163	914	464	5	197 / 129	68	147	252	448	5	181 / 113	68	
						210						212	⊼ J. MALDONADO
4.	192	091	493	5	224 / 160	64	121	036	422	5	152 / 90	62	
						274						274	
5.	197	947	498	5	216 / 178	38	140	456	441	5	158 / 122	36	
						312						310	
B.M.101-126												312	B.M. 101-126 (L.A.C.E. BRASS DISC)
	956	774					680	175				622	SIERRA HWY & AVE "K"
	680	175											SEE F.B. 2410-39
	+276	599											

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

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI

INDEXED C. J. GALLI

DATE 5-4-72

DATE JAN 9 '72

WEATHER WINDY - HAZE T=82°

TIME 11:00 - 11:20

NOTES CHECKED DRAINE MIYATA

INST. NO. 96716

ROD NO. 1713 A&B

DATE 25 SEP '72

F.B. 4121 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 101-126 TO B.M. 105-7
B.M. 101-126									B.M. 101-126
1	156	747	457 5	185 127 58	237	572	538 5	266 208 58	S.P.R.R. & AVE. K
									SEE F.B. 2410-39
2	119	252	420 5	152 86 66	181	462	482 5	215 147 68	
				124				126	
3	141	252	442 5	173 109 64	152	257	453 5	184 120 64	
				188				190	π = MALDONADO
4	118	148	419 5	151 85 66	156	767	457 5	189 123 66	
				254				256	
5	121	702	422 5	156 86 70	205	761	506 5	239 171 68	
				324				324	
B.M. 105-7								324	B.M. 105-7
	657	101			933	819		648	AVE. K. & 5TH ST. W. ℄
					657	101			SEE F.B. 2417-149
				-	27~~4~~6	718			

F.B. 4121 PG. 208 JOB NO. 0301.02

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

SURVEY BY DREIER NOTES SIEMANN 5-10-72

INDEXED C. J. GALLI DATE

WEATHER SUNNY, WIND INST. NO. 96716

TIME 2:15 TO 2:40 ROD NO. 1713A-1

NOTES CHK. ~~DRAINE MIYATA~~ DATE 25 SEP 72

T = 90°

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. 101-126 TO BM. 105-8
BM. 101-126									B.M. 101-126
1	133	694	434 5	164 102 62	160	152	461 5	191 129 62	SIERRA HWY & AVE "K"
									SEE F.B. 2410-39
2.	169	771	470 5	201 137 64	165	710	466 5	194 136 58	
				126				120	
B.M. 105-8								126	⊼ J. MALDONADO
	303	465			325	862		246	
					303	465			
									BM 105-8
					- 22	397			AVE "K" & DIVISION ST. ℄ INT.
									SEE F.B. 2417-150
			1ST RE-RUN						
	5-15-72	TEMP. 90° SUNNY-CLEAR TIME 10:45-10:50							
BM. 101-126									B.M. 101-126
1.	123	162	424 5	157 89 68	143	533	444 5	178 108 70	
									⊼ J MALDONADO
2.	177	079	478 5	204 150 54	179	137	480 5	205 153 52	
				122				122	
BM. 105-8								122	B.M. 105-8
	300	241			322	670		244	
					300	241			
	2ND	RE-RUN			- 22	429			
BM. 101-126	5-15-72	TEMP 90° SUNNY-CLEAR TIME 2:35-2:40							BM. 101-126
1 ~~BM. 101-126~~	122	497	423 5	156 88 68	154	620	455 5	188 120 68	
2	164	719	465 5	192 136 56	155	172	456 5	183 127 56	
	287	216		124	309	792		124	
					287	216		124	
BM. 105-8					- 22	576		246	BM. 105-8

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

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 5-4-72 WEATHER WINDY-HAZEY INST. NO. 96716

INDEXED C. J. GALLI DATE JUN 9 '72 TIME 11:20 - 11:30 ROD NO. 1713A

NOTES CHK DARAINE MIYATA DATE 25 SEP '7

F.B. 4121 PG. 209

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

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

Do not extend notes this side of this line.

F.B. 4121 PG. 210 JOB NO. 0301 52
SURVEY OF L.A. Co. PRELISE LEVEL NET
SURVEY BY DREIER NOTES SIEMANN 5-16-72
INDEXED R. J. GALLI DATE
T = 90°
WEATHER SUNNY, WIND INST. NO. 96716
TIME 2:10 TO 2:15 ROD NO. 1734-5
NOTES CHK. LORAINE MIYAI DATE 25 SEP '72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		STADIA		DESCRIPTION AND REMARKS FROM BM. 105-8 TO BM 101-126
BM. 105-8													B.M. 105-8
1	166	581	467	5	204 128	76	167	618	468	5	206 128	78	AVE "K" & DIVISION ST. & INT.
													SEE F.B. 2417-150
2.	184	656	485	5	210 158	52	160	964	461	5	186 134	52	T = MALDONADO
						128						130	101-126
B.M. 101-126 ~~105-8~~												128	B.M. ~~105-8~~
	351	237					328	582				258	SIERRA HWY. 50.0 E AVE. K.
	328	582											SEE F.B. 2410-39
+	22	655											
			1ST RE-RUN										
	5-15-72		SUNNY-CLEAR				T = 88°		TIME - 11:00 - 11:10				
B.M. 105-8													B.M. 105-8
1	157	248	458	5	197 117	80	165	130	466	5	204 126	78	T J. MALDONADO
2	204	422	505	5	228 180	48	173	951	424	5	196 150	46	
						128						124	
B.M. 101-126												128	B.M. 101-126
	361	670					339	081				252	
	339	081											
+	22	589			2ND RE-RUN								
	5-15-72		SUNNY CLEAR				T = 90°		TIME 2:40 - 2:45				
BM. 105-8													BM. 105-8
1	154	593	455	5	187 126	56	164	229	465	5	197 136	56	
2	155	372	456	5	189 121	68	123	193	424	5	157 89	68	
	309	965				124	287	422				124	
B.M. 101-126	287	422										124	BM. 101-126
+	22	543										124	

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 5-4-72
INDEXED C. J. GALLI DATE JUN 9 72
WEATHER Windy & Hazy T-80
TIME 11:30 - 12:00
NOTES CHKD LARAINE MIYAPATA DATE 25 SEP '72
INST. NO 96716
ROD NO 1763 A&B
F.B. 4121 PG. 211

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM.105-8 TO B.M.105-9
B.M.105-8													B.M.105-8
1	179	446	480	5	212 / 146	66	190	674	491	5	224 / 156	68	AVE "K" & DIVISION ST. & INT.
													SEE F.B. 2417-150
2.	145	189	446	5	178 / 112	66	158	802	459	5	191 / 125	66	
						132						134	
3.	180	780	481	5	211 / 149	62	140	155	441	5	170 / 110	60	⊼ J. MALDONADO
						194						194	
4.	187	866	488	5	218 / 156	62	169	850	470	5	200 / 138	62	
						256						256	
5.	151	410	452	5	181 / 121	60	144	~~872~~ 712	445	5	175 / 113	62	
						316						318	
6.	159	399	460	5	186 / 132	54	134	762	435	5	161 / 107	54	
						370						372	
7.	178	591	479	5	206 / 150	56	136	352	437	5	164 / 108	56	
						426						428	
8.	151	331	452	5	166 / 136	30	131	483	432	5	144 / 118	26	
						456						454	
B.M.105-9												456	B.M.105-9
	1334	812					1206	790				910	AVE "K" & 6TH. ST. E.
	1206	790											SEE F.B. ~~2417~~ 3715-33
	1127	222											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 105-9 TO B.M. 105-8
B.M. 105-9									B.M. 105-9
1	140	163	441 5	172 108 64	169	083	470 5	202 136 66	AVE. K & 6TH ST. E. S.W. CUR.
									SEE F.B. 3715-33
2	114	687	415 5	148 80 68	161	115	462 5	195 127 68	
				132				134	
3	135	480	436 5	168 102 66	165	970	466 5	198 132 66	
				198				200	
4	139	398	440 5	171 107 64	149	129	450 5	181 117 64	
				262				264	T= MALDONADO
5	131	367	432 5	164 98 66	167	449	468 5	200 134 66	
				328				330	
6	147	178	448 5	180 114 66	139	751	440 5	172 106 66	
				394				396	
7	186	390	487 5	218 154 64	169	438	470 5	200 138 62	
				458				458	
B.M. 105-8								458	B.M. 105-8
	994	663			1121	935		916	AVE. K. & DIVISION ST. & INT.
					994	663			SEE F.B. 2417-150
					127	272			

T= 88°

WEATHER SUNNY INST. NO 96716

TIME 1:35 TO 2:00 ROD NO 1713A-6

NOTES CHAINED DATE 25 SEP 72

F.B. 4121 PG. 212 JOB NO. 030162

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-10-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G. E. DREIER

NOTES BY SIEMANN DATE 5-4-72

INDEXED C. J. GALLI DATE JAN 9 '72

WEATHER SUNNY, WINDY INST. NO 96716

TIME 1:15 TO 1:40 ROD NO 1713A

NOTES CHKD LARAINE MIYA DATE 25 SEP '72

F.B. 4121 PG. 213

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 105-9 TO B.M. 105-10
M 105-9									B.M. 105-9
1	154	903	455 5	185 123 62	140	127	441 5	170 110 60	AVE. K & 6TH ST. E. S.W. COR.
									SEE F.B. 3715-33
2	175	364	476 5	207 143 64	101	168	402 5	133 69 64	
				126				124	
3	166	382	467 5	198 134 64	84	665	385 5	115 53 62	
				190				186	
4	225	211	526 5	254 196 58	102	572	403 5	132 72 60	π = MALDONADO
				248				246	
5	168	131	469 5	199 137 62	166	072	467 5	198 134 64	
				310				310	
6	128	091	429 5	156 100 56	178	462	479 5	207 149 58	
				366				368	
M.105-10								366	B.M. 105-10 (SEC. COR. 23, 24, 25, 26)
	1018	082			773	066		734	AVE. K. & 10TH ST. E. & INT.
	773	066							SEE F.B. 2417-152
	+245	016							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 105-10 TO B.M. 105-9
B.M. 105-10									B.M. 105-10 (SEC. COR. 23, 24, 25, 26)
1	184	380	485 5	214 154 60	130	950	431 5	159 101 58	AVE. K. & 10TH ST. E. ℄ INT.
									SEE F.B. 2417-152
2	166	964	467 5	200 132 68	182	163	483 5	214 150 64	
				128				122	
3	102	622	403 5	134 70 64	231	137	532 5	266 196 70	
				192				192	
4	95	621	396 5	128 62 66	189	139	490 5	222 156 66	T = MALDONAD
				258				258	
5	96	638	397 5	128 64 64	157	191	458 5	191 123 68	
				322				326	
6	148	473	449 5	172 124 48	149	723	450 5	171 127 44	
				370				370	
B.M. 105-9								370	B.M. 105-9
	794	698			1040	303		740	AVE. K & 6TH ST. E. S.W. COR.
					794	698			SEE F.B. 3715-33
					245	605			

F.B. 4121 PG. 214 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-10-72

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO. 96716

TIME 1:05 TO 1:30 ROD NO. 1713AD

NOTES CHKD. DRAINE MIYATA DATE 25 SEP '72

T = 88°

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 GE DREIER

NOTES BY Cockerham DATE 5-15-72

INDEXED C. J. GALLI DATE JW 9 '72

WEATHER clear calm INST. NO. 96716

TIME 11:20 to ROD NO. 1713 A

NOTES CHK'D LARAINE MIYATA DATE 25 SEP '72

T=91°

F.B. 4121 PG. 215

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 105-9 TO BM 105-10
BM105-9													BM 105-9
1	161	597	462	5	198 / 124	74	150	691	451	5	186 / 114	72	Ave K & 6th St E. SW Cor.
													See F.B. 3715-33
2	186	842	487	5	219 / 153	66	98	453	399	5	130 / 66	24	
						140						136	
3	181	346	482	5	214 / 148	66	59	914	360	5	94 / 24	70	
						206						206	π Maldonado
4	206	508	507	5	240 / 172	68	114	586	415	5	146 / 82	64	
						274						270	
5	129	621	430	5	158 / 100	58	157	062	458	5	188 / 126	62	
						332						332	
6	144	480	445	5	163 / 125	38	184	160	485	5	204 / 164	40	
						370						372	
BM105-10												370	BM 105-10 (Sec Cor 23, 24, 25, 26)
	1010	394					764	866				742	Ave K & 10th St E. ℄ Int.
	764	866											SEE F.B. 2417-152
+	245	528											

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreier DATE 5-4-72 WEATHER Sunny & Windy INST. NO. 24716

NOTES BY Waldemaro TIME 1:53 to 2:20 ROD NO. 7138 & 7

INDEXED G. J. GALLI DATE 9 72 NOTES CHECKED BY DATE 25 SEP 72

F.B. 41121 PG. 217

T-860

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 105-10 TO BM 105-11A
BM 105-10					230						200		BM 105-10 (Sec. Cor. 23, 24, 25, 26)
1	200	781	501	5	170	60	170	839	471	5	140	60	Ave K, & 10th St. E. & Int.
					189						172		See F.B 2417-152
2	155	660	456	5	121	68	138	570	439	5	104	68	
					184	128					179	128	
3	150	731	451	5	116	68	143	999	444	5	107	72	T. Siemann
					158	186					160	200	
4	123	463	424	5	88	70	126	465	427	5	92	68	
					175	286					192	268	
5	139	140	440	5	103	72	156	850	457	5	120	72	
					170	348					220	340	
6	136	999	437	5	102	68	186	465	487	5	152	68	
						406						408	
												406	
	906	774					923	188				814	
							906	774					BM 105-11A
BM 105-11A													Ave. K, & 100 Ft. W. of 15th St. E.
							16414						See F.B. 3715-38

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4124 PG. 218 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-10-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Calm INST. NO. 96716

TIME 11:25 to 11:50 ROD NO. 171345

NOTES CHERRAINE MIYATA DATE 2-5-80 '72

T-86"

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 105-11A TO BM 105-10
BM 105-11A					240						193		BM 105-11A
1	205	641	506	5	170	70	158	903	459	5	123	70	Ave. K, & 100 Ft. ± W. of BM 105-11
					212						194		See F.B. 3715-38
2	177	532	478	5	142	70	160	009	461	5	126	68	
					206	140					205	138	
3	171	380	472	5	136	70	170	118	471	5	135	70	T-Siemann
					218	210					227	208	
4	183	368	484	5	148	70	193	860	494	5	159	68	
					182	280					199	276	
5	147	740	448	5	112	70	164	835	465	5	129	70	
					203	350					227	346	
6	174	272	475	5	145	58	196	064	497	5	165	62	
						408						408	
												408	
	9											816	BM 105-10 (Sec. Cor. 23, 24, 25, 26)
	1056	933					1043	789					Ave. K, & 10th St. E. & Init.
	1043	789											See F.B. 2417-152
BM 105-10	+13	144											
	61												

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 BM105-11A TO BM105-11
BM 105-11A					218						119		BM105-11A
1	210	569	511	5	202	16	111	350	412	5	103	16	Ave. "K" & 100 Ft. W. of BM 105-11
	111	350										16	See F.B. 3715-38
												32	
	+99	219	1										π - Siemann
BM 105-11													BM 105-11
													Ave. K, & 0.5 mi. E. of 10th St. E.
													See F.B. 2417-153

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 5-4-72

INDEXED C. J. GALLI DATE JUN 9 '72

WEATHER Sunny & Windy T-86°

TIME 2:20 to 2:25

NOTES CHK LARAINE MINATO DATE 25 SEP '72

INST. NO 96761

ROD NO 1713A&B

F.B. 4121 PG. 219

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 BM105-11A TO BM105-11A
BM 105-11A					84						193		BM105-11A
1	84	980	385	5	76½	16	184	145	485	5	175	18	Ave. K & 100 Ft. ± W. of BM105-11
							84	980				16	see F.B. 2417-153
							-99	165				34	
													π-Siemann
BM 105-11													BM 105-11A
													Ave. K, & 100 Ft. W. of BM 105-11
													See F.B. 3715-38

T-84°

F.B. 4121 PG. 220 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-10-72

INDEXED C. J. GALLE DATE

WEATHER Sunny & Calm INST. NO. 96716

TIME 11:20 to 11:25 ROD NO. 1713A&

NOTES CHKD MADAINE MIYATA DATE 25 SEP '72

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM105-11 TO BM105-12
BM105-11					108 1/2						185		BM105-11
1	74	628	375	5	74	68	150	140	451	5	115	70	Ave. K & 0.5 mi E of 10th St E
					197						185		see F.B. 2417-153
2	162	070	463	5	127	70	151	950	452	5	117	68	
					134	138					255	138	
3	99	010	400	5	64	70	221	792	522	5	187	68	T. Siemann
					172	208					163	206	
4	137	012	438	5	102	70	129	233	430	5	95	68	
					191	278					193	274	
5	156	980	457	5	121	70	159	380	460	5	125	68	
					128	348					257	342	
6	105	780	406	5	82	46	231	125	532	5	205	52	
												394	
X						394						394	
	735	480					1043	620				788	
							735	480					BM105-12
BM105-12							308	140					Ave K & X 20th St E ℄ Int.
													see F.B. 2417-154

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 5-4-72
INDEXED C.J. GALLI DATE JAN 9 72
WEATHER Sunny & Windy INST. NO. 96716
TIME 2:25 to 2:45 ROD NO. 1713A&B
NOTES CHKD LARAINE MIYATA DATE 25 SEP '72

T-86°

F.B. 4121 PG. 221

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4124 PG. 222 | JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-10-72

INDEXED C. J. GALLI DATE

WEATHER Sunny Calm INST. NO. 26716

TIME 11:00 to 11:20 ROD NO. 1213 A&B

NOTES CHAINAGE MIVAT DATE 25 SEP '72

T-84°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 105-12 TO BM 105-11
BM 105-12					283						196		BM 105-12
1	283	110	584	5	242	82	154	181	455	5	112	84	Ave. K, 20th St. E & Int.
					198						230		See F.B. 2417-154
2	162	171	463	5	126	72	193	230	494	5	156	74	
					225	154					131	158	
3	194	110	495	5	163	62	100	890	401	5	69	62	
					239	216					194	220	T-Siemann
4	208	510	509	5	177	62	164	047	465	5	134	60	
					193	278					213	280	
5	162	177	463	5	131	62	181	831	482	5	149	64	
					206	340					112	344	
6	179	180	480	5	152	54	87	021	388	5	62	50	
						394						394	
												394	
	1189	258					881	200				788	
BM 105-11	881	200											BM 105-11
	+308	058											Ave. K & 0.5 mi. E. of 10th St. E.
													See F.B. 2417-153

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. 105-12 TO BM. 105-13
BM 105-12													B.M. 105-12
1.	169	997	470	5	210 / 128	82	218	959	519	5	261 / 175	86	AVE "K" & 20TH ST. E
													SEE F.B. 2417-154
2	84	709	385	5	124 / 44	80	195	800	496	5	233 / 157	76	
						162						162	
3.	123	113	424	5	165 / 81	84	236	620	537	5	277 / 196	82	R. SIEMANN
						246						244	
4.	89	575	390	5	133 / 45	88	218	570	519	5	262 / 174	88	
						334						332	
5.	110	908	411	5	149 / 71	78	233	711	534	5	272 / 194	78	
						412						410	
6.	170	212	471	5	174 / 166	8	186	889	487	5	190 / 182	8	
						420						418	
BM.105-13												420	B.M. 105-13 (1/4 SEC. COR. 24, 19)
	748	514					1290	549				838	20TH ST. E. 05 MI. N. OF AVE "K" & INT.
							748	514					SEE F.B. 2417-155
							-542	035					

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

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 5-5-72

INDEXED C. J. GALLE DATE [illegible] 9 72

WEATHER WINDY & CLEAR INST. NO. 96716

TIME 953 - 10:20 ROD NO. 1713A-1

NOTES CHKD. DRAINE MIVA DATE 25 SEP 72

T=70°

F.B. 4121 PG. 223

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 105-13 TO BM. 105-12
BM. 105-13													B.M. 105-13 (1/4 Sec. Cor. 24, 19)
1	255	971	556	5	291 / 219	72	118	471	419	5	152 / 86	68	20TH. ST. E. 0.5 MI. N. OF AVE "K" ℄ INT.
													SEE F.B. 2417-155
2	213	060	514	5	253 / 173	80	102	569	403	5	144 / 63	78	
						152						146	
3	237	011	538	5	228 / 196	82	121	034	422	5	166 / 76	90	⊼ R. SEIMANN
						234						236	
4	234	008	535	5	275 / 193	82	107	559	408	5	148 / 66	82	
						316						318	
5	218	022	519	5	263 / 173	90	166	580	467	5	210 / 122	88	
						406						406	
BM. 105-12												406	B.M. 105-12
	1158	072					616	213				812	20TH. ST. "E" & AVE "K" ℄ INT.
	616	213											SEE F.B. 2417 - 154
+	541	859											

F.B. 4121 PG. 224 JOB NO. 0301.02

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

SURVEY BY DREIER NOTES T. OHASHI 5-10-72

INDEXED C. J. GALLI DATE

WEATHER SUNNY - CLEAR INST. NO. 96716

TIME 10:30 - 11:00 ROD NO. 1713 A-B

NOTES CHAIRAINE MIYATA DATE 25 SEP '72

T = 80°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 105-13 TO B.M. 105-14
B.M. 105-13													BM. 105-13 (1/4 SEC. COR. 24, 19)
1	127	511	428	5	163 / 91	72	191	518	492	5	225 / 157	68	20TH. ST. E. 0.5 MI. N. OF AVE "K" & INT.
													SEE F.B. 2417-155
2.	115	292	416	5	151 / 79	72	210	633	511	5	247 / 173	74	
						144						142	
3.	102	516	403	5	137 / 67	70	183	070	484	5	219 / 147	72	⊼ J. MALDONADO
						214						214	
4.	99	406	400	5	135 / 63	72	~~172~~ 192	287	493	5	227 / 157	70	
						286						284	
5.	108	972	409	5	142 / 74	68	188	170	489	5	222 / 154	68	
						354						352	
6.	127	664	428	5	154 / 100	54	206	758	507	5	234 / 178	56	
						408						408	
B.M. 105-14							117					408	B.M. 105-14 (SEC. COR. 13, 18, 19, 24.)
	681	361					~~1092~~	436				816	20TH. ST. E. & AVE "J"
							681	361					SEE F.B. 2417-156
							-491	075					

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

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 5-5-72

INDEXED C. J. GALLI DATE 9 '72

WEATHER Windy-Clear INST. NO. 36716

TIME 10:20 - 10:45 ROD NO. 1713A-B

NOTES CHK LARAINE MIYATA DATE 25 SEP '72

T=70°

F.B. 4121 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.

F.B. 4121 PG. 226 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES T. CHASSH 5-10-72

INDEXED C. J. GALLI DATE

T=78° ~~Fog~~ SUNNY-CLEAR INST. NO. 96716

WEATHER

TIME 0105 - 0130 ROD NO. 1713A-9

NOTES CHD. DUPAINE MIYATA DATE 2-5 SEP '72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 105-14 TO B.M. 105-13
BM. 105-14													B.M. 105-14 (SEC. COR. 13, 18, 19, 24)
1.	216	357	517	5	256 178	76	112	368	413	5	150 74	76	COTH. ST. E. & AVE "J"
													SEE F.B. 2417-156
2.	199	611	500	5	235 163	72	107	241	408	5	142 72	70	
						148						146	
3.	193	307	494	5	230 156	74	112	062	413	5	150 74	76	⊼ J. MALOONEADO
						222						222	
4	191	079	492	5	226 152	70	84	309	385	5	120 48	72	
						292						294	
5	181	255	482	5	214 148	66	108	846	409	5	141 75	66	
						358						360	
6	173	150	474	5	196 150	46	139	040	440	5	162 116	46	/
						404						406	
BM. 105-13												404	BM. 105-13 (½ Sec Cor'd. 19)
	1154	759	/				663	866	/			810	COTH. ST. E & 0.5 MI. N. AVE "K" & LOT.
	663	866											SEE F.B 2417-155
+	490	893	/										

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. 105-14 TO B.M. 105-15
BM.105-14													B.M.105-14 (SEC. COR. 13,18,19,24)
1.	153	932	454	5	186 / 120	66	182	022	483	5	215 / 149	66	20TH. ST. E. & AVE "J"
													SEE F.B. 2417-156
2.	105	287	406	5	139 / 71	68	164	031	465	5	198 / 130	68	
						134						134	
3.	125	140	426	5	157 / 93	64	176	149	477	5	208 / 144	64	⊼ J. MALDONADO
						198						198	
4.	117	463	418	5	151 / 83	68	181	901	482	5	214 / 148	66	
						266						264	
5	117	802	418	5	151 / 83	68	168	917	469	5	201 / 135	66	
						334						330	
6.	121	662	422	5	148 / 94	54	164	183	465	5	191 / 137	54	
						388						384	
7.	136	848	437	5	147 / 125	22	196	641	497	5	208 / 184	24	
						410						408	
BM.105-15												410	B.M.105-15 (1/4 COR. 13,18)
	878	134					1233	844				818	20TH. ST. E. & LANCASTER BLVD.
							878	134					SEE F.B. 2417-157
							355	710					

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

SURVEY BY G.E. DREIER.

NOTES BY T. OHASHI DATE 5-5-72

INDEXED G. J. GALLI DATE [illegible] 9 72

WEATHER WINDY-CLEAR T=70°

TIME 10:45 - 11:15

NOTES CHK LARAINE MIYATA DATE 25 SEP '72

INST. NO. 96716

ROD NO. 1713A-P

F.B. 4121 PG. 227

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM. 105-15 TO BM. 105-14
B.M. 105-15													B.M. 105-15 (1/4 COR. 13, 18)
1	203	934	504	5	235 / 171	64	124	912	425	5	154 / 94	60	20th ST. E. & LANCASTER BLVD.
													SEE F.B. 2417-157
2	178	166	479	5	210 / 146	64	~~110~~ 111	~~861~~ 895	412	5	145 / 77	68	
						128						128	
3	176	882	477	5	208 / 144	64	118	229	419	5	151 / 85	66	⊼ J. MALDONADO
						192						194	
4	179	322	480	5	212 / 146	66	120	338	421	5	154 / 86	68	
						258						262	
5	159	593	460	5	192 / 126	66	114	337	415	5	147 / 81	66	
						324						328	
6	192	104	493	5	224 / 155	74	144	846	445	5	185 / 103	82	
						398						410	
BM. 105-14												398	B.M. 105-14
	1090	001					734	557				808	20th ST. E. & AVE J.
	734	557											SEE F.B. 2417-156
+	355	444											

F.B. 4121 PG. 228 JOB NO. 0301.02

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

SURVEY BY G.E. DREIER NOTES T. OHASHI 5-9-72

INDEXED C. J. GALLI DATE

NOTES CHK. ~~LORAINE MIYATA~~ DATE 25 SEP '72

WEATHER T=80° WINDY - SUNNY INST. NO. 96716

TIME 2:30 — ROD NO. 1713A-E

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. 105-15 TO BM. 105-16
BM. 105-15													B.M. 105-15 (1/4 COR. 13, 18)
1	138	582	439	5	172 / 104	68	174	306	475	5	208 / 148	68	20TH. ST. E. & LANCASTER BLVD.
													SEE F.B. 2417-157
2.	115	673	416	5	148 / 82	66	163	422	464	5	195 / 131	64	
						134						132	
3	116	200	417	5	148 / 84	64	155	152	456	5	188 / 122	66	⊼ J. MALDONADO
						198						198	
4.	112	998	413	5	145 / 79	66	159	672	460	5	192 / 126	66	
						264						264	
5.	120	496	421	5	152 / 88	64	167 / 168	969	468	5	199 / 135	64	
						328						328	
6.	136	195	437	5	165 / 107	58	165	961	466	5	194 / 136	58	
						386						386	
7	136	762	437	5	147 / 125	22	141	024	442	5	151 / 131	20	
						408						406	
B.M. 105-16												408	B.M. 105-16 (U.S.G.S. LS-11)
	876	906					1127	506				814	20TH. ST. E. & AVE. "I"
							876	906					SEE F.B. 2417-158
							250	600					

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

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

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

INDEXED C. J. GALLI DATE 9 72 NOTES CHKD LADAINE MIYATA DATE 25 SEP '72

F.B. 4121 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 B.M. 105-16 TO BM 105-15
BM.105-16													BM.105-16 (U.S.G.S LS-11 1928)
1	155	708	456	5	186 / 124	62	131	658	432	5	162 / 100	62	20TH. ST. E. & AVE "I"
													SEE F.B. 2417-158
2	170	981	471	5	203 / 137	66	124	920	425	5	155 / 93	62	
						128	~~12~~					124	
3.	166	029	467	5	198 / 134	64	122	301	423	5	154 / 90	64	⊼ J. MALDONADO
						192						188	
4.	166	541	467	5	199 / 133	66	143	676	444	5	173 / 113	60	
						258						248	
5	183	682	484	5	215 / 151	64	122	858	423	5	158 / 86	72	
						322						320	
6.	188	172	489	5	226 / 150	76	135	299	436	5	178 / 92	86	
						398						406	
BM.105-15												398	B.M. 105-15 (1/4 COR. 13, 18)
	1031	113					780	712				804	20TH. ST. E. & LANCASTER BLVD.
	780	712											SEE F.B. 2417-157
+	250	401											

F.B. 4121 PG. 230 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES T. OWASH 5-9-72

INDEXED C. J. GALLI DATE

WEATHER WINDY & SUNNY INST. NO. 96706

TIME 205-2:30 ROD NO. 1713AB

NOTES CHECKED MIYATA DATE 25 SEP 72

To 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 BM105-16 TO BM105-17
BM105-16					143						172		BM105-16 (U.S.G.S. LS-11 1929)
1	108	901	409	5	73	70	136	950	437	5	100	72	20th St. E & Ave. I, S.E. Cor.
					169						198		See F.B. 2417-158
2	134	666	435	5	99	70	159	427	460	5	120	78	
					173	140					214	150	
3	139	349	440	5	105	68	185	270	486	5	156	58	T-Siemann
					160	208					217	208	
4	125	079	426	5	90	70	181	340	482	5	145	72	
					160	278					211	280	
5	126	690	427	5	92	68	179	608	480	5	147	64	
					145	346					150	344	
6	113	679	414	5	81	64	118	420	419	5	86	64	
						410						408	
												410	
	748	364					961	015				818	
							748	364					BM105-17
BM105-17							212	651					Ave. I & 15th St. E N.E. Cor.
													See F.B. 2417-159

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 5-5-72

INDEXED C. J. GALLI DATE JAN 9 72

WEATHER Sunny & Windy INST. NO 96716

TIME 1:10 to 1:35 ROD NO 1713A

NOTES CHAIN TAPE MIVAT DATE 25 SEP '7

T-76

F.B. 4121 PG. 231

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 105-17 TO BM 105-16
BM 105-17					145						155		BM 105-17
1	113	562	414	5	81	64	123	000	424	5	91	64	Ave. I & 15th St. E. N.E. COR.
					216						154		see F.B. 2417-159
2	182	726	483	5	148	68	120	366	421	5	86	68	
					220	132					173	132	
3	186	420	487	5	152	68	137	659	438	5	101	72	T-Siemann
					241	200					179	204	
4	206	116	507	5	171	70	146	881	447	5	113	66	
					202	270					184	270	
5	167	381	468	5	132	70	149	000	450	5	114	70	
					222	340					188	340	
6	186	126	487	5	150	72	152	805	453	5	116	72	
						412						412	
												412	
	1042	331					829	711				824	
	829	711											BM 105-16 (U.S.G.S. LS-11 1929)
BM 105-16													Ave. I & 20th St. E. S.E. COR.
	+212	620											See F.B. 2417-158

F.B. 4121 PG. 232 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-9-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Windy INST. NO. 96716

TIME 1:40 to 2:05 ROD NO. 71345

NOTES CHAINE MIYATA DATE 25 SEP 72

T-720

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 5-5-72 WEATHER Sunny & Windy INST. NO. 96716

INDEXED C. J. GALLI DATE JUN 9 72 TIME 1:40 to 2:10 ROD NO. 1713A&E

NOTES CHKD LARAINE MIYATA DATE 25 SEP. 72

T-80°

F.B. 4121 PG. 233

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM105-17 TO BM105-18
M105-17					111						198		BM105-17
1	75	111	376	5	39	72	159	080	460	5	120	78	Ave. I & 15th St. E N.E. Cor
					183						209		See F.B. 2417-159
2	148	261	449	5	113	70	174	579	475	5	139	70	
					192	142					233	148	
3	157	849	458	5	122	70	198	510	499	5	163	70	π-Siemann
					201	212					178	218	
4	166	131	467	5	131	70	143	428	444	5	108	70	
					182	282					248	288	
5	147	649	448	5	112	70	218	710	519	5	188	60	
					165	352					179	348	
6	135	257	436	5	105	60	147	808	448	5	115	64	
						412						412	
												412	
	830	258					1042	115				824	
							830	258					BM105-18 (Sec. Cor. 11, 12, 13, 14)
							211	857					Ave. I & 10th St. E ℄ Int
105-18													See F.B. 3715-51

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM105-18 TO BM105-17
BM105-18													BM105-18 (Sec. Cor. 11, 12, 13, 14)
					208						134		Ave. I, & 10th St. E.
1	166	051	467	5	124	84	90	190	391	5	46	88	See F.B. 3715-51
					185						177		
2	150	130	451	5	115	70	142	348	443	5	107	70	π-Siemann
					181	154					174	158	
3	147	399	448	5	113	68	139	049	441	5	104	70	
					181	222					174	228	
4	146	090	447	5	111	70	139	630	440	5	104	70	
					197	292					176	298	
5	162	280	463	5	127	70	141	031	442	5	106	70	
					221	362					124	368	
6	193	069	494	5	165	56	100	752	401	5	76	48	
						418						416	
												418	
	965	019					753	000				834	BM105-17
	753	000											Ave. I, & 15th St. E. N.E. Cor
BM105-17	+212	019											See F.B. 2417-159

T-72°

WEATHER Sunny & Wind INST. NO. 96716

TIME 1:10 to 1:40 ROD NO. 1713A&B

NOTES CHARLAINE MIYATA DATE 5 SEP '72

F.B. 4121 PG. 234 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-9-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM105-18 TO BM105-19B
BM 105-18	168				174						145		BM105-18
1	~~136~~	426	469	5	162	12	139	014	440	5	133	12	Ave I & 10th ST. E. ℄ INT.
	139	014										12	SEE F.B. 3715-51
	+29	412										24	
													T-Siemann
BM105-19B													BM105-19B (U.S.C.&G.S Z-1155 1961)
													AVE. I & 10th ST. E. N.E. COR
													SEE F.B. 3715-51

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-78°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 5-5-72 WEATHER Sunny & Windy INST. NO. 96716
INDEXED C. J. GALLI DATE JUN 9 '72 TIME 2:10 to 2:15 ROD NO. 17134 & B
NOTES CHK DARAINE MIYADA DATE 25 SEP '7
F.B. 4121 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.

F.B. 4121 PG. 236 JOB NO 030102

SURVEY OF LA Co. PRECISE LEVEL NET

SURVEY BY DREER NOTES Maldonado 5-9-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Warm DIST. NO 96716

TIME 1:05 to 1:10 ROD NO 173-A.B.

NOTES CHAINAGE MIYATA DATE 25 SEP 72

T-72°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 105-19B TO B.M. 105-18
B.M. 105-19B					146						175		B.M. 105-19B (U.S.C.&G.S. Z 1155 1961)
1	140	555	441	5	134	12	169	960	470	5	163	12	AVE. I & 10th ST. E. N.E. COR.
							140	555				12	SEE F.B. 3715-51
							-29	405				24	
													T. Siemann
BM 105-18													BM 105-18
													AVE. I & 10th ST. E. N.E. COR.
													SEE F.B. 3715-51

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

F.B. 4121 PG. 237

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

NOTES BY Maldonado DATE 5-5-72 TIME 2:15 to 2:20 ROD NO. 1713A&B

INDEXED C. J. GALLI DATE JUN 9 72 NOTES CHKD LARAINE MIYATA DATE 25 SEP

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 BM105-19B TO BM105-19A
BM 105-19B				161				162	BM105-19B (U.S.C.&G.S. Z-1155, 1961)
1	148	900	449 5	135 26	149	093	450 5	136 26	AVE. I & 10th ST. E. N.E. COR
					148	900		26	SEE F.B. 3715-51
								52	
					-0	193			T = SIEMANN
									BM105-19A (U.S.C.&G.S. Y-488)
BM105-19A									AVE. "I" & 10th ST. E. S.W. COR.
									SEE F.B. 3715-51

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. 105-19A TO B.M. 105-19B
B.M. 105-19A									B.M. 105-19A (U.S.C.&G.S. Y488 RESET 1961)
				160	4			158	AVE. I & 10th ST. E. S.W. COR
1	145	170	446 5	130 30	145	951	445 5	130 28	SEE F.B. 3715-51
	144	951			~~145~~	~~170~~		30	T-Siemann
	+0219				~~9781~~			58	
B.M. 105-19B									B.M. 105-19B (U.S.C.&G.S. Z 1155 1961)
									AVE. I & 10th ST. E. N.E. COR.
									SEE F.B. 3715-51

T-70°

WEATHER Sunny & Windy INST. NO. 96716

TIME 11:55 to 12:01 ROD NO. 17BA-1

NOTES CHEMBRAINE MIYATA DATE 5-9-72

F.B. 4121 PG. 238 JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 5-9-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. Cumsu DATE 5-8-72
INDEXED C. J. GALLI DATE 9 72
WEATHER Windy & Clear INST. NO. 96716
TIME 10:15 - 10:40 ROD NO. 1713A
NOTES CHK LARAINE MIYAPA DATE 25 SEP 72
F.B. 4121 PG 239

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 105-19A TO B.M. 105-20
BM. 105-19A													B.M. 105-19A (U.S.C.&G.S. Y-488)
1.	178	318	479	5	218 / 138	80	102	301	403	5	142 / 63	79	AVE "I" & 10TH. ST. E.
													SEE F.B. 3715-51
2.	123	229	424	5	158 / 88	70	164	389	465	5	199 / 129	70	
						150						149	
3	135	559	436	5	166 / 104	62	185	311	486	5	215 / 155	60	⊼ R. SEIMANN
						212						209	
4	164	478	465	5	194 / 134	60	168	465	469	5	198 / 138	60	
		231				272						269	
5	81	~~299~~	382	5	112 / 50	62	211	131	512	5	241 / 181	60	
						334						329	
6	130	849	431	5	168 / 92	76	192	010	493	5	233 / 152	81	
						410						410	
BM. 105-20												410	B.M. 105-20
	813	664					1023	607				820	AVE "I" & 5TH. ST. E. ~~(USC&GS. Y-488)~~
							813	664					SEE F.B. 2417-161
							209	943					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4121 PG. 240 | JOB NO. 03012

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

SURVEY BY Dreier NOTES Maldonado 5-2-72

INDEXED G. J. GALLI DATE

WEATHER Sunny & Breezy ST. NO. 4/6

TIME 11:25 to 11:55 ROD NO. 1713A-B

NOTES CHAINAGE MIXAT DATE SEP. '72

T 70°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 105-20 TO BM. 105-19A
B.M. 105-20					227						134		B.M. 105-20
1	186	013	487	5	145	82	92	370	393	5	50	84	Ave. I & 5th St. E.
					283						135		SEE F.B. 2417-161
2	242	920	543	5	201	82	93	541	394	5	51	84	
					173	164					212	168	T. Siemann
3	134	639	435	5	95	78	173	393	474	5	134	78	
					244	242					162	246	
4	203	890	504	5	162	82	121	728	422	5	80	82	
					142	324					218	328	
5	100	941	401	5	58	84	177	221	478	5	136	82	
						408						410	
												408	
	868	403					658	253				818	
	658	253											BM 105-19A (U.S.C.&G.S. Y-488)
BM 105-19A	+210	150											Ave. I & 10th St. E
													See F.B. 3715-51

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 5-8-72

INDEXED C. J. GALLI DATE 9 72

WEATHER WINDY, SUNNY INST. NO 76716

TIME 10:45 TO 11:15 ROD NO 1713AB

NOTES CHKD LARAINE MIYATA DATE 25 SEP

F.B. 4121 PG. 241

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 105-20 TO B.M. 105-21
M.105-20									B.M. 105-20
1	142	941	443 5	172 112 60	167	649	468 5	197 137 60	AVE. I & 5TH ST. E. N.W. COR.
									SEE F.B. 2417-161
2	121	663	422 5	154 88 66	167	653	468 5	198 136 62	
				126				122	
3	138	132	439 5	168 108 60	184	589	485 5	218 150 68	
				186				190	
4	97	617	398 5	129 65 64	173	009	474 5	204 142 62	π = MALDONADO
				250				252	
5	130	203	431 5	164 96 68	170	998	471 5	204 136 68	
				318				320	
6	118	221 ~~310~~	419 5	160 76 84	205	288 ~~528~~	506 5	248 162 86	
				402				406	
M.105-21								402	B.M. 105-21 (SEC. COR. 10, 11, 14, 15)
	748	777			1069	186		808	AVE. I & DIVISION ST. & INT.
					748	777			SEE F.B. 2417-162
				+	320	409			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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.105-21 TO B.M.105-20
B.M.105-21									B.M.105-21 (SEC. COR. 10, 11, 14, 15,
1	215	741	516 5	250 180 70	130	518	431 5	164 96 68	AVE. I & DIVISION ST. ℄ INT.
									SEE F.B. 2417-162
2	175	892	476 5	209 141 68	128	067	429 5	160 96 64	
				138				132	
3	187	~~702~~ 642	488 5	220 154 66	127	110	428 5	160 94 66	
				204				198	
4	182	168	483 5	214 150 64	130	792	431 5	166 94 72	⊼ = MALDONADO
				268				270	
5	157	191	458 5	189 125 64	97	181	398 5	129 65 64	
				332				334	
6	173	769	474 5	203 143 60	157	192	458 5	190 124 66	
				392				400	
7	156	763	457 5	168 144 24	158	207	459 5	166 150 16	
				416				416	
B.M.105-20								416	B.M.105-20
	1249	166			929	067		832	AVE. I & 5TH ST. E. N.W. COR.
	929	067							SEE F.B. 2417-161
	+320	099							

F.B. 4121 PG. 242 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-9-72

INDEXED C. J. GALLI DATE

WEATHER SUNNY, WIND INST. NO. 96716

TIME 11:00 TO 11:30 ROD NO. 1713 HB

NOTES CHAIN PRAINE MIYATA DATE SEP '72

T= 68°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY Cockerham DATE 5-15-72

INDEXED C. J. GALLE DATE JUN 9 '72

WEATHER clear calm INST. NO. 96716

TIME 1:25 to 2:00 ROD NO. 1713A/B

NOTES CHECKED LORAINE MIYATA DATE 25 SEP '72

T=100°

F.B. 4121 PG. 243

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM105-20 TO BM 105-21
BM105-20													BM 105-20
1	143	509	444	5	174 112	62	169	958	470	5	200 138	62	Ave I & 5th St. E. N.W. Cor.
													SEE F.B. 2417-161
2	124	469	425	5	154 94	60	167	921	468	5	198 136	62	
						122						124	
3	138	619	439	5	167 109	58	182	033	483	5	212 152	60	
						180						184	⊼ Maldonado
4	111	199	412	5	136 86	50	173	733	474	5	195 151	44	
						230						228	
5	132	189	433	5	158 106	52	163	830	464	5	192 134	58	
						282						286	
6	129	516	430	5	159 99	60	168	109	469	5	196 140	56	
						342						342	
7	126	068	427	5	155 97	58	200	299	501	5	229 171	58	
						400						400	
BM 105-21												400	BM 105-21 (Sec Cor 10, 11, 14, 15)
	905	569					1225	883				800	Ave I & DIVISION ST ℄ Int
							905	569					SEE FB 2417-162
						—	320	314					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 BM105-21 TO BM 105-20
BM 105-21									BM105-21 (Sec Cor. 10, 11, 14, 15,
1	209	698	510 5	239 / 179 60	129	869	430 5	162 / 96 66	Ave I & Division St & Int.
									See F.B. 2417-162
2	166	132	467 5	197 / 135 62	125	389	426 5	153 / 97 56	
				122				122	
3	163	988	464 5	194 / 132 62	115	643	416 5	145 / 85 60	
				184				182	⊼ Maldonado
4	187	698	488 5	216 / 158 58	121	217	428 5	152 / 90 62	
				242				244	
5	157	581	458 5	188 / 126 62	150	649	451 5	181 / 119 62	
				304				306	
6	211	074	512 5	241 / 181 60	133	431	434 5	164 / 102 62	
				364				368	
7	145	580	446 5	165 / 125 40	145	229	446 5	163 / 127 36	
				404				404	
BM 105-20								404	BM 105-20
	1241	751			921	427		808	Ave I & 5th St. E. NW Cor.
+	921	427							See F.B. 2417-161
	320	324							

F.B. 4121 PG. 244 JOB NO. 0301.02

SURVEY OF LA Co Precise Level Net

SURVEY BY DREIER NOTES Cockerham 5-15-72

INDEXED C. J. GALLI DATE

WEATHER clear, breeze INST. NO. 9671

TIME 2:00 to 2:30 ROD NO. 1713-A

NOTES CHECKED LARAINE MIYATA DATE 25 SEP '72

T=95°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 105-21 TO B.M. 101-132
M. 105-21													B.M. 105-21 (SEC. COR. 10, 11, 14, 15)
1	175	094	476	5	208 142	66	171	061	472	5	205 137	68	AVE. I & DIVISION ST. & INT.
													SEE F.B. 2417 - 162
2	121	498	422	5	152 90	62	183	142	484	5	214 152	62	
						128						130	
3	129	702	430	5	160 98	62	183	202	484	5	213 153	60	
						190						190	T = MALDONADO
4	140	078	441	5	171 109	62	163	798	464	5	193 133	60	
						252						250	
5	165	996	466	5	195 135	60	144	188	445	5	175 113	62	
6.	118	927	419	5	121 115	312 6	170	701	471	5	173 167	312 2	
M. 101-132						318						318	B.M. 101-132
	851	295					1086	092				636	AVE. I & S.P.R.R. N.W. COR.
							851	295					SEE F.B. 2410 - 40
							1 34 6	797					

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 68°

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

NOTES BY SIEMANN DATE 5-8-72 TIME 11:20 TO 11:45 ROD NO 1713 A B

INDEXED C. J. GALLI DATE 9 72 NOTES CHK BRAINE MIYATA DATE 25 SEP

F.B. 4121 PG. 245

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 101-132 TO B.M. 105-21
B.M. 101-132									B.M. 101-132
1	179	893	480 5	220 138 82	98	719	399 5	139 57 82	AVE I & S.P.R.R
									SEE F.B. 2410-40
2	162	879	463 5	201 123 78	159	449	460 5	198 120 78	
				160				160	
3	180	394	481 5	215 145 70	102	148	403 5	138 66 72	
				230				232	T = MALDONADO
4	156	159	457 5	190 122 68	116	912	417 5	149 83 66	
				298				298	
5	145	409	446 5	156 134 22	182	722	483 5	194 170 24	
				320				322	
B.M. 105-21								320	B.M. 105-21 (SEC. COR. 10, 11, 14, 15)
	824	734			659	950		642	AVE. I & DIVISION ST. & INT.
	659	950							SEE F.B. 2417-162
+	164	784							

F.B. 4121 PG. 246 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-9-72

INDEXED C. J. GALLI DATE

WEATHER SUNNY, WIND INST. NO. 96716

TIME 10:45 TO ROD NO. 1203AB

NOTES CHAIN RAINE MIYATA DATE 25 SEP '72

T = 68°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 101-132 TO B.M. 101-132 A
M.101-132													B.M. 101-132
													AVE I & S.P.R.R. N.W. COR.
1	139	477	440	5	162 118	44	173	648	474	5	195 151	44	SEE F.B. 2410-40
													~~T~~ = MALDONADO
							139	477				44	
M.101-132A													B.M. 101-132 A (U.S.C&GS, J 1147 (1961)
						-	34	171				88	S.P.R.R. & MI. POST. 405
													SEE F.B. 3717-191

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T2 72

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

NOTES BY SIEMANN DATE 5-8-72 TIME 11:50 TO 11:55 ROD NO 713 AB

INDEXED C. J. GALLI DATE JUN 9 72 NOTES CHKD LARAINE MIYATA DATE 25 SEP 72

F.B. 4121 PG. 247

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 101-132A TO B.M. 101-132
B.M. 101-132A													B.M. 101-132A
					195						161		S.P.R.R. & MI. POST 405
1	171	847	472	5	147	48	137	685	438	5	115	46	SEE F.B. 3717-191
													TO MALDONADO
	137	685										48	
B.M. 101-132	34	162										94	B.M. 101-132
													AVE. I & S.P.R.R.
													SEE F.B. 2410-40

T = 70°

WEATHER SONNY, WIND INST. NO. 96716

TIME 2:30 x 02:35 ROD NO. 67 NB

NOTES CHARAINE MIYATA DATE 29 SEP

F.B. 4121 PG. 248 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-8-72

INDEXED C. J. GALLI DATE

76P5263 CE # 308 6/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 74°
SURVEY BY G.E. DREIER
NOTES BY S. LEMANN DATE 6-8-72
INDEXED M. J. GALLI DATE JUN 9 '72
WEATHER SUNNY, WIND INST. NO 96716
TIME 1:05 TO 1:45 ROD NO 1713A
NOTES CHKD LARAINE MIYATA DATE 25 SEP
F.B. 4121 PG. 249

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 101-132A TO B.M. 102-1B
B.M. 101-132A							B.M. 101-132A
1	166 664	467 5	191 141 50	78 310	379 5	103 53 50	S.P.R.R. & MI. POST 405
							SEE F.B. 3717-191
2	114 299	415 5	149 79 70	178 596	479 5	215 141 74	
			120			124	
3	102 352	403 5	132 72 60	136 785	437 5	167 105 62	
			180			186	
4	142 642	443 5	175 109 66	162 568	463 5	195 129 66	
			246			252	
5	137 701	438 5	169 105 64	170 572	471 5	202 138 64	⊼ = MALDONADO
			310			316	
6	136 363	437 5	167 105 62	178 619	479 5	208 148 60	
			372			376	
7	147 271	448 5	178 116 62	169 422	470 5	199 139 60	
			434			436	
8	133 458	434 5	163 103 60	163 509	464 5	193 133 60	
			494			496	
9	157 445	458 5	175 139 36	165 752	466 5	182 148 34	
			530			530	
B.M. 102-1B						530	B.M. 102-1B (U.S.C.&G.S. W-1219)
	1238 195			1404 133		1060	AVE. I & 10TH ST. W. S.E. COR.
				1238 195			SEE F.B. 3725-12
				165 938			

F.B. 4121 PG. 250 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-8-72

INDEXED C. J. GALLI DATE

T: 72°

WEATHER SUNNY, WIND

TIME 1:50 TO 2:25

NOTES CHKD

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 102-1B TO B.M. 101-132A
B.M. 102-1B							B.M. 102-1B (U.S.C.&G.S.-W-1219)
1	173 132	474 5	204 142 62	149 221	450 5	180 118 62	AVE. I & 10TH ST. E. S.E. COR.
							SEE F.B. 3725-12
2	176 222	477 5	207 145 62 124	112 671	413 5	144 80 64 126	
3	147 227	448 5	180 114 66 190	136 691	437 5	168 104 64 190	
4	169 523	470 5	204 134 70 260	129 584	430 5	164 94 70 240	
5	159 505	460 5	190 128 62 322	132 902	433 5	162 102 60 320	T = MALDONADO
6	157 881	458 5	186 128 58 380	144 960	445 5	173 115 58 378	
7	184 617	485 5	214 154 60 440	132 461	433 5	160 102 58 436	
8	175 309	476 5	209 141 68 508	217 948	518 5	252 182 70 506	
9	136 785	437 5	150 122 28 536	157 898	458 5	171 143 28 534	
B.M. 101-132A						536 1070	B.M. 101-132A S.P.R.R. & MI. POST 405 SEE F.B. 3717-191
	1480201			1314336			
	1314336						
	+ 165865						