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

Survey of
JN Tape Std °F
Surveyed by
Notes Date
Indexed H. E. OTT

F.B. 2475 PG. 5

BOOK INDEX F.B. 2475 - PAGE

1969 RELEVELING PART OF LINE 208 7 TO 162
(B.M. 208-53 TO 60-43)

1969 RELEVELING, LINE 201 163 TO 248

DRAFT

microfilmed Jan 06

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 H. E. OTT Date 3-24-69
Date	Indexed JUL 25 '69

F.B. 2475 PG. 7

L.A. CO. PRECISE LEVEL NET, J.N. 0301.02

LINE NO. 208, PARTIAL RELEVELING
FROM B.M. 208-53 TO B.M. 60-43

CONTINUED IN F.B. 2478

SEE F.B. 3721 FOR DESCRIPTIONS

DREIER
MALDONADO
SIEMANN
McKNIGHT
STROUD

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76F3098 CE#310 9-67

ROUTE SKETCH

F.B. 2475 Pg. 8

B.M. 208-53

GRASSHOPPER CN. RD.

OLD RIDGE ROUTE

(UNDER CONST.)

GOLDEN STATE FRWY

(INTERSTATE 5)

B.M. 208-54 TO 68 INCL.

208-69
208-70

LAKE HUGHES RD.

208-71
208-72

208-73
208-74

PARKER RD.

B.M. 208-75
208-76
208-77
208-78
205-13
208-79
205-12A
208-80

208-86
208-86A
208-87
208-87A
208-88
208-89
208-89A
208-90
208-91

CONT. ON PAGE 164

SANGUS & VENTURA RD.

S.P.R.R.

B.M. 206-32
208-81
208-82

B.M. 208-83
208-84
208-85

208-87B
208-87BA

SAN FERNANDO RD.

B.M. 60-42
60-43
60-43A

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76P526 CE # 308 3-65

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

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

NOTES BY G.E. DREIER DATE 3-24-69 TIME 10:00 ROD NO. 9 & 19

H.E. OTT DATE 3-25-69 NOTES CHKD. [illegible] DATE [illegible]

P.B. 2475 Pg. 7

STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF C								
1	138	751	439.5	140 / 136 4	101	060	402.5	128 / 74 54	54m - 4m = 50m = 0.20mm
2	155	530	456.5	157 / 153 4 / 8	193	218	494.5	220 / 166 54 / 108 / 8 / 100	m - m = 50m = 0.20
	294	281			294	278			CURVE CORR = 0.40mm
						040			
	294	238			294	238			
	.004 mm = "C"								
	100) 0430 mm								

76P526 CE # 308 3-65

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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 3-25-69 WEATHER Sunny & Clear INST. NO. 96716

INDEXED H. E. OTT DATE JUL 25 '69 TIME 10:00 ROD NO. 9 & 19

NOTES CHKD. [illegible] DATE [illegible]

F.B. 2475 Pg. 4

T-62"

STATION	Near BACKSIGHT Rod RIGHT	MIC.	LEFT.	STADIA	Far FORESIGHT Rod RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			Determination of "C"						
1	202	155	503.5	204 / 200 / 4	26	750	327.5	53 / -1 / .54	54 Mtrs. (-) 4 Mtrs. = 50 Mtrs. = 0.20 MM
2	118 / ~~189~~	857 / ~~453~~	419.5 / ~~490.5~~	120 / ~~191~~ / ~~187~~ / 116 / 4 / 8	294	372	595.5	294 / 267 (½) / .54 / 108 / 8 / 100	54 " (-) 4 " = 50 " = 0.20 MM
	321	012			321	122			Curv. Corr. = 0.40 MM
	~~321~~	~~082~~				.040			
					321	082			
					321	012			
					100	0.700		0.007 MM = "C"	
						700			
						000			

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

SURVEY BY G.F. Dreier

NOTES BY Maldonado DATE 3-26-69

INDEXED H. E. OTT DATE 3 25 69

WEATHER Sunny & Clear INST. NO 96716

TIME 9:10 ROD NO. 9819

NOTES CHKD. [illegible] DATE 3 26 69

T-64°

F.B. 2475 PG. 13

STATION	Near BACKSIGHT Rod				Far FORESIGHT Rod				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	Determination of "C"								
1	156	816	457.5	158 / 154 4	151	560	452.5	178 / 124 54	54 Mtrs. (-) 4 Mtrs. = Mtrs. = 0.20 MM
2	162	894	463.3	164 / 160 4 / 8	168	190	469.5	195 / 141 54 / 108 / 8 / 100	" (-) 4 " = " = 0.20 MM
									Curv. Corr. = 0.40 MM
	319	710			319	750			
	319	710				040			
		000			319	710			
	±0.000 MM = "C"								
	100) 0.00								

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STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	Determination of "C"								
1	151	339	452 5	153 149 4	201	213	502 5	228 174 54	54 Mtrs. (-) 4 Mtrs. = 50 Mtrs. = 0.20 MM
2	160	911	461 5	162 158 4	110	960	411 5	137 83 54	54" (-) 4 " = 50 " = 0.20 MM
								108	0.40
								8	Curv. Corr. =
	312	250			312	173		100	
						040			
	312	133			312	133			
		117							

0.012 m.m. = "C"
100) 1.17
100
170

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-88
SURVEY BY G. E. Dreier
NOTES BY Maldonado DATE 3-27-69 WEATHER Sunny & Clear INST. NO. 76716
INDEXED H. E. OTT DATE 3 25 69 TIME 1:45 ROD NO. 9819
NOTES CHKD. [illegible] DATE [illegible]
F.B. 2475 PG. 15

76P526 CE # 308 3-65

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STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						
1	162	581	463 5	466 462 4	228	273	529 5	255 201 54	54 m. - 4 m = 50 m. = 0.20 mm
2	148	235	449 5	150 146 4	82	505	383 5	109 55 54	54 m - 4 m = 50 m = 0.20 mm
				8					
	310	816			310	778		108	CUR. CORR = 0.40 mm
						040		-8	
	310	738			310	738		100	
		078							
		0.008 mm = "C"							
	100	0.78							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 3-28-69
INDEXED H. E. OTT DATE JUL 25 '69
WEATHER 78° CLEAR
TIME 11:10
NOTES CHKD. [signature] DATE [illegible]
INST. NO 96716
ROD NO 9819
F.B. 2475 PG. 17

76P526 CE # 308 3-65

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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 9-4-68 TIME 9:20

INDEXED H. E. OTT DATE 11 25 68

NOTES CHKD. [illegible] DATE 11 6 68

WEATHER Sunny & Clear INST. NO. 96716

ROD NO. 9E19

T-74

F.B. 2475 Pg. 19

STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			Determination of "C"						
1	148	938	449 5	150 146 4	72	902	373 5	99 45 54	54 Mtrs. (-) 4 Mtrs. = 50 Mtrs. = 0.20 MM
2	155	707	456 5	157 153 4 8	231	847	532 5	258 204 54	" " = " = 0.20 MM
								108	Curv. Corr. = 0.40 mm
								8	
	304	645			304	749		100	
						040			
					304	709			
					304	645			
						064			

100) .0640 (.006 mm = "C"

76P526 CE # 308 3-65

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STATION	Near BACKSIGHT Rod				Far FORESIGHT Rod				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	Determination of "C"								
1	164	900	465 5	166 162 4	231	403	532 5	258 204 54	54 Mtrs. (-) 4 Mtrs. = 50 Mtrs. = 0.20 MM
2	149	226	450 5	151 147 4	82	813	383 5	109 55 54	54 " (-) 4 " = 50 " = 0.20 MM
				8				108	
								8	Curv. Corr. = 0.40 MM
	314	126			314	216		100	
						040			
					314	176			
					314	126			
						050			
						0.005 MM = "C"			
					100) 0.500				

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-64'
SURVEY BY G.E. Dreier WEATHER Overcast INST. NO. 96716
NOTES BY Maldonado DATE 4-2-69 TIME 11:10 ROD NO. 9 & 19
INDEXED H. E. OTT DATE 4 25 69 NOTES CHKD. [illegible] DATE [illegible]

F.B. 2475 PG. 21

76P526 CE # 308 3-65

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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 4-3-69
INDEXED H. E. OTT DATE [illegible]
WEATHER Sunny
TIME 1:20
NOTES CHKD. [illegible] DATE [illegible]
INST. NO. 96716
ROD NO. 9819
F.B. 2475 Pg. 23
T-64°

STATION	Near BACKSIGHT Rod				Far FORESIGHT Rod				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
	Determination of "C"								
1	165	842	466 5	167 163 4	249	950	550 5	277 221 56	56 Mtrs (-) 4 Mtrs. = 52 Mtrs = 0.20 MM
2	152	680	453 5	154 150 4	68	697	369 5	96 40 56	" " " = 0.20 MM
				8				112	
								8	Curv. Corr. = 0.40 MM
	318	522			318	647		104	
						040			
					318	607			
					318	522			
						085			

= 0.008 MM = "C"
104) 0.850
832
18

76P526 CE # 308 3-65

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STATION	BACKSIGHT NEAR				FORESIGHT FAR				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				DETERMINATION OF "C"					
1	155	032	4565	157 153 4	190	937	491 5	218 162 56	56m. - 4m = 52m = 0.20 mm
2	146	061	4475	148 144 4 8	110	075	411 5	137 83 54 110 8 102	54m - 4m = 50m = 0.20 mm
									CUR. CORR. = 0.40 mm
	301	093			301	012			
	300	972				040			
		121			300	972			

+0.012 mm = "C"

102) 121
102
190

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-4-69

INDEXED H.E. OTT DATE JUL 25 '69

WEATHER CLEAR, LT. BR. 68°

TIME 11:00

NOTES CHKD. [illegible] DATE [illegible]

INST. NO. 96716

ROD NO. 9819

F.B. 2475 PG. 25

76P526 CE # 308 3-65

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STATION	NAER BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
1	121	289	422 5	123 119 4	209	833	510 5	236 182 54	54 m. - 4 m = 50 m = 0.20 mm
2	145	919	446 5	147 143 4 8	57	366	358 5	84 30 54 108 8 100	54 m - 4 m = 50 m = 0.20 mm
	267	208			267	199			CURVE CORR. = 0.40 mm
	267	159				040			
		049			267	159			

10.005 mm = "C"

100)0.49

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

SURVEY BY G.E. DREIER DATE 4-7-69 WEATHER CLEAR LT. BR. 70° INST. NO. 96716

NOTES BY G.E. DREIER DATE 4-7-69 TIME 9:40 ROD NO. 9819

INDEXED H. E. OTT DATE 4 25 NOTES CHKD. [illegible] DATE [illegible]

F.B. 2475 PG. 27

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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 SIEMANN DATE 4-8-69

INDEXED H. E. OTT DATE [illegible]

WEATHER CLEAR-SUNNY INST. NO 96716

TIME 9:30 TO 9:35 ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

F.B. 2475 PG. 29

STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
1	153	359	454 5	155 151 4	247	270	548 5	274 220 54	54M - 4M = 50M = 0.20 M.M.
2	142	731	443 5	144 140 4	48	780	349 5	75 21 54	54M - 4M = 50M = 0.20 M.M.
	296	090		8	296	050		108	CUR. CORR. = 0.40 M.M.
		-040				-040		8	
	~~296~~	~~050~~						100	
	~~296~~	~~050~~			296	010			
	~~000~~	~~000~~							
	296	010							
		080	.009	M.M. = "C"					
	100)	00	0.000						
			.008 m						
	100)	0.80							

76P526 CE # 308 3-65

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY G. E. DREIER
INDEXED H. L. OIT
DATE 4-9-69
DATE JUN 25 '69
WEATHER PART CLOUDY 66°
TIME 11:30
ROD NO. 28 #19
NOTES CHKD. [illegible]
DATE [illegible]
F.B. 2475 PG. 31
INST. NO. 96716

STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-83 TO BM 208-84
			DETERMINATION OF "C"						
1	146311	4475	148 / 144	4	204652	5055	232 / 176	56	56 m. − 4 m = 52 m. = 0.20 mm
2	144471	4455	146 / 142	4 / 8	86097	3875	114 / 58	56 / 102 / 8 / 104	m. − 4 m = = 0.20 mm
									CURVE. CORR = 0.40 mm
	290782				290749				
					0.40				
	290709				290709				
	073								
	+0.007 mm = "C"								
	104 / 0.736								
	728								

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STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						
1	150	888	451 5	152 / 148 4	116	377	417 5	143 / 89 54	54 m - 4 m = 50 m. = 0.20 mm
2	152	763	453 5	154 / 150 4	187	331	488 5	214 / 160 54	m - m = m = 0.20 mm
				8				108 / 8	
	303	651			303	708		100	CURVATURE CORR. 0.40 mm
						040			
					303	668			
					303	651			
						017			
						- 0.002 mm = "C"			
					100)	0.17			

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

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

NOTES BY G.E. DREIER DATE 4-10-69 TIME 9:00 ROD NO. 9819

INDEXED H. E. OTT DATE 11 23 [illegible] NOTES CHKD. [illegible] DATE [illegible]

F.B. 2475 PG. 33

76P526 CE # 308 3-65

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	157	772	458 5	159 / 155 4	144	112	445.5	171 / 117 54	54 m. - 4 m = 50 m = 0.20 mm
	159	790	460 5	161 / 157 4	173	555	474 5	200 / 146 54	54 m - 4 m. = 50 m = 0.20 mm
				8				108 / 8	
	317	562			317	667		100	CURVE CORR = 0.40 mm
						040			
					317	627			
					317	562			
						065			
						-0.006 mm = "C"			
					100	065			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 74° CLEAR
SURVEY BY G.E. DREIER WEATHER LT. BR. INST. NO. 96716
NOTES BY G.E. DREIER DATE 4-11-69 TIME 2:00 ROD NO. 9819
INDEXED H.E. OTT DATE [illegible] NOTES CHKD. [illegible] DATE [illegible]

F.B. 2475 PG. 35

76P526 CE # 308 3-65

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

SURVEY BY G.E. Dreier

NOTES BY Malden 3do DATE 4-14-68 TIME 3:00

INDEXED H. E. OTT DATE [illegible]

NOTES CHKD. [illegible] DATE [illegible]

WEATHER Sunny & Breezy INST. NO. 96716

ROD NO. 9819

F.B. 2475 Pg. 37

T-74°

STATION	Near BACKSIGHT Rod			Far FORESIGHT Rod			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____
	Determination of C						
1	158.258	459.5	160 156 4	112.841	413.5	139 85 54	54 Mtrs. (-) 4 Mtrs. = 50 Mtrs. = 0.20 MM
2	162.362	463.5	164 160 4	207.828	508.5	234 180 54	54 " (-) 4 " = 50 " = 0.200 MM
			8			108	0.40 MM
						8	
	320.620			320.669		100	
				.040			
				320.629			
				320.620			
				.009			
				.0009 MM = "C"			
				100) 0.0900			

76P526 CE # 308 3-65

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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 _____ TO _____
			DETERMINATION OF "C"						
1	144	329	445 5	146 142 4	110	316	411 5	138 82 56	56 m − 4 m = 52 m = 0.20 mm
2	146	418	447 5	148 144 4 8	180	377	481 5	208 152 56	56 m − 4 m = 52 m = 0.20 mm
	290	747			290	693		112	CUR. CORR. = 0.40 mm
						640		8	
	290	653			290	653		104	
		094							
	+ 0.009 mm = "C"								
	104)	094							

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

SURVEY BY G.E. DREIER DATE 4-15-65 WEATHER WINDY 65° INST. NO. 96716

NOTES BY G.E. DREIER DATE 4-15-65 TIME 10:00 ROD NO. 9819

INDEXED H. E. OTT DATE [illegible] NOTES CHKD. [illegible] DATE [illegible]

F.B. 2475 Pg. 39

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						
1	142	152	443 5	144 140 4	108	120	409 5	136 80 56	56 m - 4 m = 52 m = 0.20 mm
2	150	484	451 5	152 148 4 8	184	471	485 5	212 156 56 112 8	56 m - 4 m = 52 m = 0.20 mm
	292	636			292	591		104	CUR. CORR = 0.40 mm
						040			
	292	551			292	551			
		085							
		+ 0.008 MA "C"							
	104	0850							

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-16-69

INDEXED H. E. OTT DATE [illegible]

WEATHER 80° CLEAR LT WIND

TIME 9:30

NOTES CHKD [illegible] DATE [illegible]

INST. NO 96716

ROD NO. 9819

F.B. 2475 PG. 41

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT NEAR				FORESIGHT FAR				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF C						
1	137	861	438 5	139 135 4	103	790	404 5	131 75 56	56 m - 4 m = 52 m = 0.20 mm
2	152	871	453 5	154 150 4 8	186	872	487 5	214 158 56	56 m - 4 m = 52 m = 0.20 mm
								112 8 104	
	290	732			290	622			CUR. CORR = 0.40 mm
						040			
	290	622			290	622			
		110							

+0.011 mm = "C"

104) 110 mm
104
60

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

SURVEY BY G. E. DREIER

NOTES BY G. E. DREIER DATE 4-17-69 WEATHER CLEAR CALM INST. NO. 96716

INDEXED H. E. OTT DATE [illegible] TIME 10:00 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE [illegible]

F.B. 2475 PG. 43

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

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

NOTES BY G.E. DREIER DATE 4-18-69 TIME 11:15 ROD NO. 9819

INDEXED B. E. OTT DATE [illegible] NOTES CHKD [illegible] DATE [illegible]

F.B. 2475 Pg. 45

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FAR FORESIGHT RIGHT	FAR FORESIGHT MIC.	FAR FORESIGHT LEFT.	FAR FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
1	138	829	439.5	140 / 136 4	106	450	407.5	133 / 79 54	54M - 4M = 50M = 0.20
2	147	929	448.5	149 / 145 4 / 8	180	270	481.5	207 / 153 54 / 108 / 8	M - 4M = M 0.20
	286	758			286	720		100	CUR. CORR. = 0.40
	286	680				040			
		078			286	680			
	+0.008 mm. = "C"								
	100 / 078								

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER WINDY 64° INST. NO. 26716
NOTES BY H.E. OTT DATE 3-24-69 TIME 12:45 TO 1:30 ROD NO. 9819
INDEXED DATE NOTES CHKD DATE

F.B. 2475 PG. 47

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS From ____ To ____
B.M. 208-53											B.M. 208-53 (U.S.C.&G.S. U 970)
1	26	417	327.5	34 18	16	256	998	557.5	264 248	16	OLD RIDGE ROUTE & GRASSHOPPER CN. RD
											SEE F.B. 3721-123
2	19	031	320.5	38 8	22 38	279	252	580.5	290 268	22 38	
3	33	170	334.5	46 20	26 64	226	107	527.5	239 213	26 64	
4	27	559	328.5	60 ½ 27	66 130	291	~~206~~ 179	592.5	½ 291 ½ 258	66 130	↑ J. MALDONADO
5	21	052	322.5	36 6	30 160	292	948	593.5	306 277	29 159	
6	30	130	331.5	39 19	20 180	267	207	568.5	276 258	18 177	
7	20	100	321.5	31 9	22 202	293	583	594.5	306 281	25 202	
8	12	440	313.5	24 0	24 226	301	832	602.5	½ 301 ½ 289	24 226	
9	21	972	322.5	32 10	22 248	289	177	590.5	302 276	26 252	
10	53	293	354	66 40	26 274 ✓	227	849	528.5	241 213	28 280 ✓	
										274	B.M. 208-54
B.M. 208-54										554	OLD RIDGE ROUTE By House
	265	164 ✓				2726	132 ✓				
						265	164 ✓				
						2460	968 ✓				

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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 208-54 TO 208-53
BM.208-54									B.M. 208-54
1	248	948	549 5	263 233 30	31	407	332 5	48 14 34	OLD RIDGE ROUTE AT HOUSE
									SEE F.B. 3721-125
2	299	303	600 5	½ 299 284 30	9	308	310 5	½ 23 9 28	
				60				62	
3	299	381	600 5	½ 299 288 22	6	446	307 5	½ 17 6 22	
				82				84	⊼ J. MALDONADO
4	291	952	592 5	303 279 24	21	071	322	32 10 22	
				106				106	
5	298	981	599 5	½ 298 286 24	13	224	314 5	25 1 24	
				130				130	
6	298	469	599 5	½ 298 278 40	4	099	305 5	½ 24 4 40	
				170				170	
7	207	404	508 5	232 182 50	52	668	353 5	77 27 50	
				220				220	
8	223	523	524 5	236 210 26	21	627	322 5	34 8 26	
				246				246	
9	270	122	571 5	280 260 20	22	097	323 5	33 11 22	
				266				268	
10	250	917	551 5	258 242 16	46	113	347 5	53 39 14	
				282				282	
BM.208-53								282	B.M. 208-53 U.S.C.&G.S. W-970
	2689	000			228	060		564	OLD RIDGE ROUTE & GRASSHOPER CN RP.
	228	060							SEE F.B. 3721-123
+	2460	940							

F.B. 2475 PG. 48 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 3-28-69

INDEXED H.E. OTT DATE

WEATHER CLEAR 78° INST. NO. 96716

TIME 10:40 TO ROD NO. 9819

NOTES CHKD. [illegible] DATE [illegible]

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 3-24-69
INDEXED H. E. OTT DATE [illegible]
WEATHER WINDY 65°
TIME 1:30 TO 2:00
NOTES CHKD [illegible] DATE
INST. NO. 96716
ROD NO. 9819
F.B. 2475 PG. 49

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.208-54 TO B.M.208-55
B.M.208-54									B.M.208-54
1	16	421	317 5	29 3 26	290	612	591 5	302 277 25	OLD RIDGE ROUTE AT HOUSE
									SEE F.B. 3721-125
2	30	439	331 5	38 22 16	291	310	592 5	300 282 18	
				42				43	
3	26	520	327 5	38 14 24	290	579	591 5	302 278 24	
				66				67	⊼ J. MALDONADO
4	20	150	321 5	32 8 24	300	744	601 5	1/2 300 288 24	
				90				91	
5	16	210	317 5	28 4 24	293	947	594 5	306 280 26	
				114				117	
6	19	432	320 5	30 8 22	259	401	560 5	269 249 20	
				136				137	
7	19	242	220 5	30 8 22	289	838	590 5	300 278 22	
				158				159	
8	10	142	311 5	1/2 24 10 28	212	991	513 5	226 198 28	
				186 ✓				187	
B.M.208-55								186	B.M.208-55 (U.S.C.&G.S.N. 450 1953)
	158	556 ✓			2229	422 ✓		373	OLD RIDGE ROUTE, 5.75 MI. N, ETC.
					158	556 ✓			SEE F.B. 3721-127
					2070	866 ✓			

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM 208-55 TO 208-54
B.M. 208-55									B.M. 208-55 (U.S.C.&G.S. N 450 1953
1	224	309	525 5	238 210 28	52	148	353 5	66 38 28	OLD RIDGE ROUTE, 5.75 mi. ETC.
									SEE F.B. 3721-127
2	300	999	601 5	300 ½ 289 22 50	11	752	312 5	22 0 22 50	
3	300	080	601 5	300 ½ 287 26 76	6	812	307 5	18 ½ 6 24 74	⊼ J. MALDONADO
4	298	523	599 5	298 ½ 286 24 100	8	810	309 5	20 ½ 8 24 98	
5	300	051	601 5	300 ½ 288 24 124	8	693	309 5	21 ½ 8 26 124	
6	279	732	580 5	290 268 22 146	18	950	319 5	28 8 20 144	
7	280	929	581 5	289 271 18 164	23	100	324 5	33 13 20 164	
8	260	610	561 5	271 249 22 186 ✓	43	933	344 5	54 32 22 186 ✓	
B.M. 208-54								186	B.M. 208-54
	224	5233 ✓			174	198 ✓		372	OLD RIDGE ROUTE AT HOUSE
	174	198 ✓							SEE F.B. 3721-54
	~~+ 241~~	~~9431~~							
	+ 207	1035 ✓							

F.B. 2475 Pg. 50 JOB NO. 0301.02

SURVEY OF L.A.Co PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 3-28-69

INDEXED H. E. OTT DATE

WEATHER CLEAR INST. NO. 96716

TIME 10:10 TO 10:40 ROD NO. 9819

NOTES CHKD [illegible] DATE

28° 75°

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 3-24-69
INDEXED H. E. OTT DATE JL 25 [illegible]
WEATHER Windy & Sunny
TIME 2:00 to
NOTES CHKD. [illegible]
INST. NO. 96716
ROD NO. 9819
F.B. 2475 PG. 51
T-64°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-55 TO BM 208-56
BM 208-55									BM 208-55 (U.S.C.&G.S. N-450)
									Old Ridge Rt, ~~5.75~~ 0.70 mi. N. of
1	2	868	303 5	9 2 (½) 14	280	350	581 5	287 273 14	Castaic Union ~~High~~ School, 5.75 mi. N.W. from there.
									See F.B. 3721-127
2	29	021	330 5	37 21 16	297	563	598 5	305 289 16	
3	16	961	317 5	26 6 20 30	260	817	561 5	270 250 20 30	
4	18	708	319 5	30 6 24 50	296	~~470~~ 641	597 5	308 284 24 50	T-Dreier
5	5	095	306 5	17 5 (½) 24 74	295	432	596 5	295 283 (½) 24 74	
6	9	205	310 5	21 9 (½) 24 98	298	689	599 5	298 286 (½) 24 98	
7	9	480	310 5	22 9 (½) 26 122	301	940	602 5	301 288 (½) 26 122	
8	4	880	305 5	17 4 (½) 26 148	299	496	600 5	299 287 (½) 24 148	
9	11	883	312 5	24 -2 26 174	296	948	597 5	296 284 (½) 24 172	
10	9	129	310 5	20 -2 22 200	300	845	601 5	300 289 (½) 22 196	
11	23	875	324 5	34 12 22 222	289	522	590 5	301 276 25 218	
12	6	621	307 5	21 6 (½) 30 ~~244~~	299	465	600 5	299 285 (½) 28 243	
BM 208-56	147	726		274	3517	708		271	BM 208-56
					147	726		274	Old Ridge Rt, 0.7 mi. N. of
					-3369	982		545	Castaic Union School
									See F.B. 3721-129

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM BM 208-56 TO BM 208-55
BM 208-56									B.M. 208-56 (~~U.S.C.&G. N-450~~)
1	291	920	592 5	306 276 30	10	106	311 5	24 10 (½) 28	Old Ridge Rt, 0.7 mi. N. of
2	293	665	594 5	304 282 22	8	591	309 5	20 8 (½) 24	Castaic Union School, thence 5.4 mi. N.W. from there
3	301	288	602 5	301 288 (½) 26 52	3	093	304 5	14 3 (½) 22 52	See F.B. 3721-129
4	299	321	600 5	299 287 (½) 24 78	3	032	304 5	16 3 (½) 24 74	
5	300	492	601 5	300 288 (½) 24 102	14	678	315 5	26 2 100 24	R - Dreier
6	301	999	602 5	301 289 (½) 24 126	4	192	305 5	16 4 (½) 24 124	
7	298	860	599 5	298 286 (½) 24 150	4	370	305 5	17 4 (½) 26 148	
8	300	268	601 5	300 288 (½) 24 174	12	953	313 5	24 0 174 24	
9	299	038	600 5	299 287 (½) 24 198	3	062	304 5	15 3 (½) 24 198	
10	299	632	600 5	299 287 (½) 24 222	3	782	304 5	14 3 (½) 22 222	
11	281	143	582 5	289 273 16 246	17	500	318 5	26 8 (½) 18 244	
12	221	685	522 5	225 216 9 262	33	975	334 5	37 28 9 262	BM 208-55 (U.S.C.&G.S. N-450)
				271				271	Old Ridge Rt, 0.7 mi. N. of
	348	931			119	334		271	Castaic Union School, thence
BM 208-55	119	334						542	5.75 mi. N.W. from there
+	3369	977							See F.B. 3721-127
	3369	977							

T-80°

WEATHER Sunny & Clear INST. NO. 96716

TIME 9:20 to 10:00 ROD NO. 9819

NOTES CHKD DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 3-28-69

INDEXED H. E. OTT DATE

F.B. 2475 PG. 52

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 3-24-69

H. E. OTT DATE

WEATHER Sunny & Windy INST. NO. 9716

TIME 10:30 To 11:15 ROD NO. 9819

NOTES CHKD. DATE

F.B. 2475 Pg. 53

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-56 TO BM 208-57
BM 208-56									BM 208-56
1	26	383	327 5	36 16 20	284	292	585 5	294 273 21	Old Ridge Rt., 0.7 mi. N. of Castaic Union School, & 5.4 mi. N.W. from there. See F.B. 3721-129
2	23	020	324 5	35 12 23	301	202	602 5	301 290 (½) 22	
3	9	575	310 5	22 9 (½) 43 26	299	622	600 5	299 287 (½) 43 24	
4	8	700	309 5	20 8 (½) 69 24	300	121	601 5	300 287 (½) 67 26	
5	15	195	316 5	27 3 93 24	300	390	601 5	300 287 (½) 93 26	T-Dreier
6	7	882	308 5	20 7 (½) 117 26	301	507	602 5	301 288 (½) 119 26	
7	12	492	313 5	24 -1 143 25	294	093	595 5	307 282 145 25	
8	14	147	315 5	26 2 168 24	290	543	591 5	302 278 170 24	
9	17	382	318 5	29 5 192 24	296	742	597 5	309 284 194 25	
10	16	490	317 5	28 4 216 24	294	130	595 5	305 283 219 22	
11	53	309	354 5	61 45 240 16	267	444	568 5	275 259 241 16	
12	40	933	341 5	49 30 256 19	211	585	512 5	220 202 257 18	BM 208-57
				275 ✓				275	Old Ridge Rt., 0.7 mi. N. of Castaic
BM 208-57	245	508 ✓			3441	671 ✓		275	Union School, thence 5.1 mi. N.W.
					245	508 ✓		550	from there.
					3196	163 ✓			See F.B. 3721-131

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.

F.B. 2475 PG. 54 — SURVEY OF L.A.Co. Precise Level Net — SURVEY BY Dreier — NOTES Maldonado 3-27-68 — INDEXED H. E. OTT — DATE — JOB NO. 0301.02

T-84°

WEATHER Sunny & Clear — INST. NO. 96716 — TIME 2:30 to 3:05 — ROD NO. 9817 — NOTES CHKD — DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 208-57 TO BM 208-56
BM 208-57				257				23	BM 208-57
1	245.900	546	5	232 25	11 703	312	5	-1 24	Old Ridge Rt. 0.7 mi. N. of
				304				24	Castaic Union School, Thence
2	293.331	594	5	282 22	12 963	313	5	1 23	5.1 mi. N.W. from there.
				298				30 47	See F.B. 3721-131
3	298.480	599	5	287 (½) 22	18 636	319	5	6 24	
				301 69				28 71	
4	301.570	602	5	288 (½) 26	16 000	317	5	3 25	
				298 95				27 96	
5	298.838	599	5	287 (½) 22	16 628	317	5	4 23	π - Dreier
				290 117				31 119	
6	278.491	579	5	266 24	19 925	320	5	7 24	
				297 141				36 143	
7	297.760	598	5	285 (½) 24	25 282	326	5	13 23	
				302 165				26 166	
8	290.577	591	5	278 24	13 618	314	5	0 26	
				301 189				16 192	
9	301.215	602	5	288 (½) 26	4 980	305	5	4 (½) 24	
				300 215				16 216	
10	300.309	601	5	288 (½) 24	3 292	304	5	3 (½) 26	
				291 237				53 242	
11	281.041	582	5	270 21	44 517	345	5	34 19	
				253 260				56 261	
12	245.347	546	5	237 16	48 900	349	5	40 16	BM 208-56
				276 ✓				277	Old Ridge Rt. 0.7 mi. N. of Castaic
								276	Union School, thence 5.4 mi.
BM 208-56	3432859 ✓				2386444 ✓			553	N.W. from there.
	236444 ✓								See F.B. 3721-129
	+ 3196415 ✓								

76P526 CE # 308 3-65

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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
						695			FROM BM 208-56 TO BM 208-57
BM 208-56									BM 208-56
1	7	281	308 5	18 (½) 7 22	289	187	590 5	300 278 22	Old Ridge Rt, 5.4 mi. N.W. etc. See F.B. 3721-129
2	21	123	322 5	33 10 23	298	657	599 5	298 287 ½ 22	
3	30	973	331 5	41 19 45 22	294	443	595 5	305 283 44 22	
4	12	320	313 5	24 0 67 24	300	~~648~~ 330	601 5	300 288 (½) 66 24	Re-Run
5	14	929	315 5	25 3 91 22	301	892	602 5	301 289 (½) ~~104~~ 90 24	π-Dreier
6	18	223	319 5	30 6 113 24	289	268	590 5	301 277 114 24	
7	25	400	326 5	37 13 137 24	301	376	602 5	301 288 (½) 138 26	
8	9	004	310 5	21 9 (½) 161 24	296	865	597 5	296 284 (½) 164 24	
9	18	875	319 5	30 6 185 24	300	420	601 5	300 288 (½) 188 24	
10	12	618	313 5	24 -1 209 25	301	845	602 5	301 289 (½) 212 24	
11	8	771	309 5	19 8 (½) 234 22	300	437	601 5	300 288 (½) 236 24	
12	96	307	397 5	103 89 256 14	197	487	498 5	203 191 260 12	BM 208-57
				270				272	Old Ridge Rt, 5.1 mi. N.W., etc.
BM 208-57	275	824 ✓			3472	207 ✓		270	See F.B. 3721-131
					275	824 ✓		542	
					3196	383 ✓			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-80°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 3-28-69 WEATHER Sunny & Clear INST. NO. 96716
INDEXED H. E. OTT DATE [illegible] TIME 1:10 to ROD NO. #9814
NOTES CHKD. [illegible] DATE [illegible]
F.B. 2475 Pg. 55

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-66
SURVEY BY G.E. Dreier
NOTES BY G.E. Dreier
DATE 3-25-69
WEATHER windy
TIME 11:20 to 11:50
INST. NO. 26716
ROD NO. 9419
F.B. 2475 Pg. 57

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 208-57 TO BM 208-58
B.M. 208-57									BM. 208-57
1	10	820	311 5	½ 22 10 24	296	705	597 5	½ 296 284 24	Old Ridge Rt., 0.7 mi. N. of Castaic Union School, thence 5.1 mi. N.
2	18	028	319 5	28 8 20 48	278	561	579 5	288 268 20 44	from there
3	20	325	321 5	27 13 14 58	231	139	532 5	238 224 14 58	See F.B. 3721-131
4	8	768	309 5	½ 27 8 28 86	294	772	595 5	½ 294 280 28 86	J. MALDONADO
5	17	880	318 5	½ 39 17 44 130	252	671	553 5	274 230 44 130	
6	4	475	305 5	½ 31 4 54 184	297	672	598 5	½ 297 270 54 184	
B.M. 208-58								184	B.M. 208-58 (U.S.C.&G.S. M450
	80	216			1651	520		368	OLD RIDGE ROUTE 4.85 mi. E.
					80	216			SEE F.B. 3721-133
					1571	304			

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 208-58 TO 208-57
B.M. 208-58									B.M. 208-58 (U.S.C. & G.S.M. 450 1953)
1	274	314	575 5	294 254 40	45	012	346 5	65 25 40	OLD RIDGE ROUTE 4.85 mi. ETC. SEE F.B. 3721-133
2	299	622	600 5	½ 299 275 48	52	920	353 5	74 30 44	
3	248	732	549 5	265 231 88 34 122	3	403	304 5	½ 21 3 84 36 120	✱ J. MALDONADO
4	294	321	595 5	305 284 21 143	4	138	305 5	½ 15 4 22 142	
5	301	009	602 5	½ 301 287 28 171	4	363	305 5	½ 16 4 24 166	
6	279	912	580 5	286 272 14 185 ✓	16	737	317 5	25 6 19 185 ✓	
B.M. 208-57								185	B.M. 208-57
	1697	910 ✓			126	573 ✓		370	OLD RIDGE ROUTE, 5.1 mi. ETC. SEE F.B. 3721-131
	126	573 ✓							
	+1571	337 ✓							

F.B. 2475 PG. 58
JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G. E. DREIER 3-27-69
INDEXED H. E. OTT DATE

WEATHER CLEAR 86°
TIME 1150
NOTES CHKD [illegible]
INST. NO. 96716
ROD NO. 9819
DATE MAR 2 69

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM. 208-58 TO BM. 208-59
BM 208-58									B.M. 208-58 (U.S.C.&G.S. M 450 1953
1	42	295	343 5	64 20 44	300	119	601 5	300 ½ 279 42	OLD RIDGE ROUTE 4.85 MI. N, ETC.
									SEE F.B. 3721-133
2	13	580	314 5	26 0 26 70	299	162	600 5	299 ½ 286 26 68	
3	9	321	310 5	½ 20 9 22 92	278	166	579 5	289 267 22 90	
4	27	381	328 5	37 17 20 112	277	625	578 5	287 267 20 110	⊼ J. MALDONADO
5	4	002	305 5	½ 16 4 24 136	290	902	591 5	303 277 26 136	
6	8	327	309 5	½ 20 8 24 160	281	708	582 5	292 270 22 158	
7	13	810	314 5	24 2 22 182	296	330	597 5	½ 296 284 24 182	
8	8	237	309 5	½ 18 8 20 202	277	350	578 5	286 268 18 200	
9	13	548	314 5	24 2 22 224	261	749	562 5	273 249 24 224	
10	~~261~~	~~749~~	~~562 5~~	~~273 249~~	148	256	449 5	151 145 6 230	
	114	649	415 5	117 111 6 230					
Bm. 208-59								230	B.M. 208-59
	255	150			2711	367		460	OLD RIDGE ROUTE, 4.55 MI., ETC.
					255	150			SEE F.B. 3721-135
				=	2456	217			

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 3-25-69

INDEXED B.E. OTT DATE 3-25-69

WEATHER WINDY 69°

TIME 1:00 TO 1:45

NOTES CHKD. [illegible] DATE [illegible]

INST. NO. 96716

ROD NO. 9 & 19

F.B. 2475 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 208-59 TO 208-58
BM.208-59									BM.208-59
1	293	123	594 5	306 280 26	9	592	310 5	22 ½ 9 26	OLD RIDGE ROUTE 4.55 mi. ETC.
									SEE F.B. 3721-135
2	299	969	600 5	299 ½ 287 24 50	8	971	309 5	20 ½ 8 24 50	
3	287	868	588 5	301 273 28 78	4	661	305 5	18 ½ 4 28 78	⊼ J. MALDONADO
4	287	563	588 5	298 276 22 100	29	418	330 5	40 18 22 100	
5	296	304	597 5	296 ½ 282 28 128	3	987	304 5	15 3 24 124	
6	301	520	602 5	301 ½ 288 26 154	6	920	307 5	20 ½ 6 28 152	
7	287	223	588 5	300 274 26 180	4	989	305 5	17 ½ 4 26 178	
8	295	347	596 5	305 285 20 200	13	923	314 5	26 0 26 204	
9	209	204	510 5	218 200 18 218	104	911	405 5	111 97 14 218	
10	197	677	498 5	206 188 18 236	112	669	413	120 104 16 234	
BM.208-58								236	B.M. 208-58 (U.S.C.&G.S. M 450 1953
	2756	348			300	041		470	OLD RIDGE ROUTE, 4.85 mi. ETC.
	300	041							SEE F.B. 3721-133
	+ 2456	307							

F.B. 2475 PG. 60

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET 3-27-69

SURVEY BY DREIER NOTES DREIER 3-27-69

INDEXED H. E. OTT DATE

WEATHER CLEAR 86° INST. NO. 9676

TIME 12:40 TO 1:45 ROD NO. 9819

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

603 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 3-25-69

INDEXED H. E. OTT DATE 4 25 69

WEATHER 69° WINDY

TIME 1:45 TO

NOTES CHKD. [illegible] DATE

INST. NO. 96746

ROD NO. 9819

F.B. 2475 Pg. 61

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM 208-59 TO 208-60
BM. 208-59									BM. 208-59
1	16	080	317 5	26 6 20	271	085	572 5	280 262 20	OLD RIDGE ROUTE, 4.55 mi, ETC.
2	19	584	320 5	32 6 26 46	286	915	587 5	298 274 24 44	SEE F.B. 3721-135
3	5	624	306 5	17 ½ 5 24 70	301	119	602 5	301 ½ 290 22 66	
4	4	563	305 5	14 ½ 4 20 90	286	979	587 5	297 275 22 88	⊼ J. MALDONADO
5	3	489	304 5	16 ½ 3 26 116	296	187	597 5	296 ½ 282 28 116	
6	4	423	305 5	18 ½ 4 28 144	298	520	599 5	298 ½ 284 28 144	
7	3	840	304 5	14 ½ 3 22 166	294	601	595 5	307 282 25 169	
8	20	800	321 5	31 9 22 188	301	364	602 5	301 ½ 290 22 191	
9	19	176	320 5	32 6 26 214	301	654	602 5	301 ½ 289 24 215	
10	13	507	314 5	27 ½ 13 28 242	300	938	601 5	300 ½ 288 24 239	
11	35	264	336 5	46 24 22 264	248	141	549 5	260 236 24 263	
12	66	172	367 5	74 58 16 280	70	422	371 5	78 62 16 279	
BM. 208-60								280	BM. 208-60
	212	522			3257	925		559	OLD RIDGE ROUTE 4.25 ETC.
					212	522			
					3045	403			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 208-60 TO 208-59
B.M. 208-60									B.M. 208-60 4.25 mi. ETC
1	288	839	589 5	308 ½ 268 40	16	687 ~~777~~	317 5	38 16 44	OLD RIDGE ROUTE E. OF RESERVOIR
									SEE F.B. 3721-137
2	273 ~~24~~	413 ~~602~~	574 ~~325 5~~	282 ~~364~~ ~~34~~ 18 ~~14~~ ~~20~~ ~~60~~	24	602	325 5	34 14 20 64	
3	253	235	554 5	263 243 58 20 78	9	391	310 5	19 -1 20 84	
4	259	252	560 5	270 248 22 100	30	242	331 5	39 21 18 102	⊼ J. MALDONADO
5	220	969	571 5	282 258 24 124	9	561	310 5	21 ½ 9 24 126	
6	278	082	579 5	288 268 20 144	15	731	316 5	25 5 20 146	
7	257	018	558 5	268 246 22 166	25	680	326 5	36 14 22 168	
8	268	152	569 5	279 257 22 188	26	188	327 5	36 16 20 188	
9	284	654	585 5	294 274 20	10	890	311 5	21 -1 22	
10	295	749	596 5	306 284 208 22	9	647	310 5	½ 20 9 210 22	
11	283	371	584	295 271 230 24 254	6	280	307 5	½ 18 6 232 24	
12	256	369	557 5	266 246 20 274 ✓	38	486	339 5	47 29 256 18 274 ✓	
B.M. 208-59								274 ✓	B.M. 208-59
	3269	103 ✓			223	385 ✓		548	OLD RIDGE ROUTE, 4.55 mi. ETC.
	223	385 ✓							SEE F.B. 3721-135
	T 3045	718 ✓							

F.B. 2975 Pg. 62

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 3-27-69

INDEXED H. E. OTT DATE

JOB NO. 0301.02

WEATHER SUNNY 85°

TIME 10:55 to

NOTES CHKD. [illegible]

INST. NO. 96716

ROD NO. 9819

DATE APR 2 69

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY R.F. DREIER
INDEXED H. E. OTT
DATE 3-28-69
DATE
WEATHER 80° LIGHT BREEZE
TIME 2:20 PM
INST. NO. 967716
ROD NO. 9 E 19
NOTES CHKD
DATE
F.B. 2175 PG. 63

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA		FORESIGHT RIGHT	MIC.	LEFT	STADIA		DESCRIPTION AND REMARKS
											RERUN FROM 208-59 TO 208-60
B.M. 208-59											B.M. 208-59
1	26982		327 5	36 16	20	284 481		585 5	294 274	20	OLD RIDGE ROUTE @ 4.55 MI, ETC.
2	~~289 899~~		~~590 5~~	~~300 278~~	~~22~~	~~23 052~~		~~324 5~~	~~35 11~~	~~24~~	SEE F.B. 3721-135
	23 052		324 5	35 11	42 24	289 879		590 5	300 278	44 22 42	
3	13 476		314 5	25 3	44 22	301 982		602 5	½ 301 289	24 66	J. MALDONADO
4	6 640		307 5	½ 18 6	66 24 90	301 214		602 5	½ 301 289	24 90	Re-Run
5	14 603		315 5	26 2	24 114	288 648		589 5	300 276	24 114	
6	23 361		324 5	35 11	24 138	275 530		576 5	286 264	22 136	
7	3 870		304 5	16 ½ 3	26 164	301 932		602 5	½ 301 288	26 162	
8	15 739		316 5	28 2	26 190	300 104		601 5	½ 300 287	26 188	
9	11 737		312 5	½ 24 11	26 216	300 580		601 5	½ 300 286	28 216	
10	5 730		306 5	½ 16 5	22 238	294 222		595 5	305 283	22 238	
11	20 879		321 5	32 8	24 262	260 798		561 5	272 248	24 262	
12	89 080		390 5	99 29	20 282	101 362		402 5	110 92	18 280 282	
B.M. 208-60	255 149					3300732				562	B.M. 208-60
						255 149					OLD RIDGE ROUTE E. OF RESERVOIR
						3045583					SEE F.B. 3721-137

76P526 CE # 308 3-65

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 3-26-69
WEATHER Sunny
TIME 9:35 to 10:10
ROD NO. 9414
INST. NO. 9716
F.B. 2475 PG. 65
T-70°
SURVEYED BY H.E. Ott
DATE
NOTES CHKD.
DATE

STATION	BACKSIGHT RIGHT	MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-60 TO BM 208-61
BM 208-60									BM 208-60
1	3 488		304 5	9 3(½) 12	216 703		517 5	222 210 12	Old Ridge Rt., 4.25 mi. N. etc.
									See F.B. 3721-137
2	34 698		335 5	50 18 32	298 802		599 5	298 282(½) 32	
3	40 617		341 5	57 23 34	300 308		601 5	300 283(½) 34	
4	25 583		326 5	44 7 37	297 745		598 5	297 279(½) 36	T. Dreier
5	3 844		304 5	18 3(½) 30	288 623		589 5	303 273 30	
6	7 980		308 5	24 7(½) 34	296 973		597 5	296 279(½) 34	
7	158 691		459 5	176 140 36	213 324		514 5	231 195 36	
8	227 724		528 5	240 214 26	99 131		400 5	112 86 26	
				241				240 241 481	
	502 625				201 1.609				
					502 625				
					1508 984				
									BM 208-61 (U.S.C.&G.S. Z-370) ? Old Ridge Rt., 3.9 mi. N. etc. See F.B. 3721-139
BM 208-61									

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-61 TO BM 208-60
BM 208-61									BM 208-61 (U.S.C.&G.S. Z 270)
1	39	038	5	70 39 (½) 62	90	962	391 5	121 59 62	Old Ridge Rt, 3.9 mi. N., etc.
									See F.B. 3721-139
2	299	310	600 5	299 280 (½) 38	5	925	306 5	24 5 (½) 38	
3	300	160	601 5	300 284 (½) 32 100	12	622	313 5	30 12 (½) 36 100	
4	294	245	595 5	294 278 (½) 32 132	28	770	329 5	43 13 36 30	
5	294	067	595 5	294 278 (½) 32 164	33	218	334 5	50 16 166 34	T-Dreier
6	282	350	583 5	296 268 196 28	61	646	362 5	73 49 200 24	
7	212	050	513 5	218 206 224 12	119 ~~13~~	341	420 5	125 113 224 12	
8	210	490	511 5	214 206 236 8	69	919	370 5	73 65 236 8	
				244 ✓				244 ✓	
								244 ✓	
	1931	710 ✓			422	403 ✓		488 ✓	
	422	403 ✓							
	1509	307 ✓							
BM 208-60									BM 208-60
									Old Ridge Rt, 4.25 mi. N. Etc.
									See F.B. 3721-137

F.B. 2475 PG. 66

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 3-27-69

INDEXED H. E. OTT DATE

WEATHER

TIME 10:20 to 10:55

NOTES CHKD

INST. NO. 96716

ROD NO. 9 & 19

DATE APR 2 1969

T-86°

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-70°
SURVEY BY Harbinado
NOTES BY G.E. Dreier DATE 4-1-69 WEATHER Sunny & Clear INST. NO. 96716
INDEXED H. E. Ott DATE 4-25-69 TIME 10:10 to ROD NO. 9819
NOTES CHKD. [illegible] DATE [illegible]
F.B. 2475 Pg. 67

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 208-60 TO BM 208-61
BM 208-60					253 348				BM 208-60
1	4 129	305	5	12 (½) 4 16		554	5	262 244 15	Old Ridge Rt., 4.25 mi. N.W. of
									See F.B. 3721-137
2	19 630	320	5	39 1 40	289 075 ~~062~~	590	5	307 271 36	
3	29 263	330	5	45 56 13 32	301 097	602	5	301 54 286 (½) 30	
4	21 545	322	5	37 88 5 32	298 876	599 600	5	298 (1) 84 280 (½) 36	Re-Run
5	3 722	304	5	19 120 3 (½) 32	292 340	593	5	292 (1) 120 276 (½) 32	T. Dreier
6	12 ~~13~~ 993	313	5	29 (½) 152 12 (½) 34	290 859	591	5	307 152 273 34	
7	182 623	483	5	199 186 165 34	198 792	499	5	215 186 181 34	
8	236 560	537	5	246 220 226 20 240	95 086	396	5	105 220 85 20 240	
	510 465				2019 473			240 480	
					510 465				
					1509 008				
BM 208-61									BM 208-61 (U.S.C.&G.S. Z-270) Old Ridge Rt. 3.9 mi. N.W. of See F.B. 3721-139

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 208-61 TO BM 208-60
BM 208-61	9 4 33				234 43				BM 208-61 (U.S.C.&G.S. Z 270)
				60 (½)				170	Old Ridge Rt, 3.9 mi. N.W., etc.
1	38	502	339.5	38 ~~44~~	145	476	446.5	120 50	See F.B. 3721-139
				258				24	
2	238	435	539.5	218 40	5	720	306.5	5 (½) 38	
				306 84	~~16~~			33 88	
3	290	520	591.5	274 32	16	830	317.5	-1 34	
				295 116				25 122	
4	295	968	596.5	278 (½) 34	10	239	311.5	10 (½) 30	
				298 150				31 152	Re-Run
5	281	942	582.5	264 34	14	890	315.5	14 (½) 34	
				307 184				29 186	
6	291	175	592.5	275 32	13	067	314.5	13 (½) 32	T-Dreier
				249 216				91 218	
7	239	~~489~~	540.5	229 20	82	847	383.5	73 18	
				~~35~~ 236				~~156~~ 236	
8	~~31~~	~~163~~	~~332.5~~	~~27~~ ~~8~~	~~153~~	~~108~~	~~454.5~~	~~150~~ ~~8~~	
	153	188	454.5	156 150 ~~244~~ 242	31	163	332.5	35 28 ~~244~~ 242	
								~~247~~ 486	
	~~1707~~	~~194~~			~~442~~	~~257~~			
	~~442~~	~~257~~			320	232			
	~~1264~~	~~937~~							
	1829	219							
	320	232							
	1508	987							BM 208-60
BM 208-60									Old Ridge Rt, 4.25 mi. N.W., etc.
									See F.B. 3721-137

T-72°

WEATHER Sunny & Breezy INST. NO. 96716

TIME 11:15 to ROD NO. 9819

NOTES CHKD [illegible] DATE Apr 2 '69

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-1-69

INDEXED H. E. OTT DATE

F.B. 2475 Pg. 68

76P826 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-72°
SURVEY BY Maldonado
NOTES BY G.F. Dreier
DATE 3-26-69
WEATHER Sunny & Breezy
TIME 10:10 to
ROD NO. 9819
F.B. 2475 Pg. 69

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-61 TO BM 208-62
BM 208-61								293	BM 208-61 (U.S.C. & G.S. 2370)
1	8 950	309 5		12 4 8	289 971	590 5		285 8	Old Ridge Rd, 3.9 mi. N., etc.
									See F.B. 3721-139
2	6 910	307 5		9 3 6	300 518	601 5		303 299 6	
3	11 727	312 5		27 11 (½) 14 32	297 382	598 5		297 14 283 (½) 28	
4	4/5 921	305 5		18 4 (½) 46 28	299 323	600 5		299 42 285 (½) 28	
5	6 605	307 5		20 6 (½) 74 28	301 423	602 5		301 70 285 (½) 32	π-Dreier
6	5 421	306 5		14 5 (½) 102 18	299 443	600 5		308 102 290 18	
7	16 651	317 5		26 7 120 19	283 535	584 5		293 120 273 20	
8	23 921	324 5		34 12 139 22	275 423	576 5		286 140 264 22	
9	6 970	307 5		20 6 (½) 161 28	301 800	602 5		301 (½) 162 288 26	
10	19 828	320 5		31 8 189 22	301 873	602 5		301 (½) 188 290 (½) 22	
11	18 061	319 5		30 6 211 24	297 387	598 5		297 (½) 210 286 (½) 22	
12	28 877	329 5		37 19 235 18	287 097	588 5		296 232 278 18	
13	22 211	323 5		32 12 253 20	291 821	592 5		282 250 280 22	
14	83 762	384		105 61 273 44	273 824	574 5		295 272 251 44	
BM 208-62								316 317 633	BM 208-62
	26 4815 ✓			317	4100 820 ✓				Old Ridge Rd, 3.4 mi. N., etc.
					26 4815 ✓				See F.B. 3721-141
					3836 005 ✓				

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-62 TO BM 208-61
BM 208-62									BM 208-62
1	278	661	579 5	295 261 34	32	096	533 5	50 15 35	Old Ridge Rt., 3.4 mi. N., etc.
									F.B. 3721-141
2	263	678	564 5	280 246 34	11	995	312 5	28 11 (½) 34	
3	300	962	601 5	300 290 (½) 68 20	14	490	315 5	25 3 69 22	
4	285	888	586 5	295 275 88 20	27	612	328 5	37 17 91 20	
5	277	805	578 5	289 265 108 24	3	620	304 5	15 3 (½) 111 24	T-Dreier
6	296	000	597 5	296 282 (½) 132 28	13	665	314 5	27 -1 135 28	
7	300	818	601 5	300 289 (½) 160 22	18	588	319 5	30 6 163 24	
8	290	643	591 5	301 279 182 22	10	677	311 5	21 -1 187 22	
9	296	585	597 5	306 286 204 20 224	16	785	317 5	26 6 209 20 229	
10	282	682	583 5	294 270 24 248	12	130	313 5	22 2 20 249	
11	260	~~150~~ 137	561 5	272 247 25	3	018	304 5	16 3 (½) 26	
12	286	784	587 5	301 271 273 30 303	4	840	305 5	18 4 (½) 275 28 303	
13	294	500	595 5	302 286 16	6	986	307 5	13 -1 14	
14	301	152	602 5	306 297 319 9 328	3	787	304 5	7 3 (½) 317 8 325	BM 208-61 (U.S.C.&G.S. Z 270)
	401	6295			180	289		328 653	Old Ridge Rt., 3.9 mi. N., Etc.
BM 208-61	180	289							See F.B. 3721-139
	+383	6006							

F.B. 2475 PG. 70

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 3-26-69

INDEXED H. E. OTT DATE

JOB NO. 0301.02

WEATHER Sunny & Clear INST. NO. 96716

TIME 2:40 to 3:10 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE [illegible]

T-80°

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 3-26-69

WEATHER LIGHT WIND INST. NO. 96716

TIME 12:45 TO 1:40 ROD NO. 9819

NOTES CHKD. [illegible] DATE [illegible]

F.B. 2475 PG. 71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	80	80			75	74			FROM 208-62 TO 208-63
B.M. 208-62									B.M. 208-62
1	7	677	308 5	14 0 14	272	231	573 5	279 265 14	OLD RIDGE ROUTE & FENCE COR.
									SEE F.B. 3721-141
2	6	999	307 5	11 0 11 25	290	925	591 5	295 285 10 24	
3	3	589	304 5	16 3 26 51	301	177	602 5	301 287 28 52	
									⊼ J. MALDONADO
4	26	490	327 5	35 17 18 69	265	704	566 5	274 256 18 70	
5	14	657	315 5	25 3 22 91	279	181	580 5	290 268 22 92	
6	19	662	320 5	29 9 20 111	279	081	580 5	289 269 20 112	
7	11	090	312 5	21 1 20 131	258	664	559 5	268 248 20 132	
8	23	068	324 5	34 12 22 153	298	331	599 5	298 287 22 154	
9	17	329	318 5	28 6 22 175	284	462	585 5	296 272 24 178	
10	16	082	317 5	28 4 24 199	280	321	581 5	291 269 22 200	
11	16	160	317 5	28 4 24 223	299	099	600 5	299 287 24 224	
12	19	905	320 5	30 8 22 245	282	066	583 5	293 271 22 246	
13	13	149	314 5	25 1 24 269	279	302	580 5	291 267 24 270	
14	16	440	317	22 5 22 291	91	985	392 5	102 80 22 292	
								291	
B.M. 208-63	212	297			3762	529		583	B.M. 208-63
					212	297			OLD RIDGE ROUTE
					3550	232			SEE F.B. 3721-143

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM 208-63 TO BM. 208-62
B.M. 208-63									B.M. 208-63
1	86	534	387 5	97 75 22	10	960	311 5	22 -1 23	OLD RIDGE ROUTE
2	276	836	577 5	287 265 22 44	13	349	314 5	24 2 22 45	SEE F.B. 3721-143
3	269	792	570 5	280 258 22 66	13	138	314 5	24 2 22 67	
4	276	633	577 5	287 265 22 88	21	141	322 5	32 10 22 89	⊼ J. MALDONADO
5	280	427	581 5	292 268 24 112	9	403	310 5	½ 21 9 24 113	
6	273	209	574 5	284 262 22 134	20	401	321 5	32 8 24 137	
7	269	867	570 5	279 259 20 154	3	921	304 5	½ 14 3 22 159	
8	286	364	587 5	296 275 21 175	50	908	351 5	58 42 16 175	
9	277	482	578 5	288 266 22 197	4	088	305 5	½ 16 4 24 199	
10	292	645	593 5	302 280 22 219	8	881	309 5	½ 19 8 22 221	
11	275	592	576 5	286 264 22 241	7	994	308 5	½ 17 7 20 241	
12	292	683	593 5	305 279 26 267	22	760	323 5	34 10 24 265	
13	277	589	578 5	284 270 14 281	5	245	306 5	½ 14 5 18 283	
14	257	258	558 5	260 254 6 287	66	444	367 5	69 63 6 289	
15	200	161	501 5	203 196 7 294	96	969	397 5	99 93 6 295	
16	111	303	412 5	114 110 4 298	98	392	399 5	100 96 4 299	
	4004	379 5			453	994		298 597	B.M. 208-62
B.M. 208-62	453	594							OLD RIDGE ROUTE & FENCE COR.
	+ ~~3550~~	~~396~~	← 3550.381						SEE F.B. 3721-141

F.B. 2475 PG. 72
JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER 3-26-69
INDEXED H. E. OTT DATE
WEATHER LT. WIND 80°
TIME 1:40 TO 2:35
NOTES CHKD [illegible]
INST. NO. 96716
ROD NO. 9819
DATE [illegible]

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM.208-63 TO BM. 208-64
BM208-63									B.M.208-63
1	30	518	331 5	1/2 42 30 24	272	863	573 5	284 260 24	OLD RIDGE ROUTE 3.15 MI. ETC
									SEE F.B. 3721-143
2	4	418	305 5	1/2 14 4 20 44	293	288	594 5	304 282 22 46	
3	19	296	320 5	23 13 10 54	249	023	550 5	254 244 10 56	π J. MALDONADO
4	17	798	318 5	27 7 20 74	253	919	554 5	262 244 18 74	
5	4	621	305 5	1/2 44 4 80 154	220	139	521 5	256 184 72 146	
6	274	302	575 5	274 233 82 236	256	911	557 5	302 210 92 238	
BM.208-64								236	B.M. 208-64
	350	953			1546	143		474	OLD RIDGE ROUTE AT TOWER
					350	953			SEE F.B. 3721-145
					1195	190			

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-1-69

CHECKED H.E. OTT DATE 11 25 '69

WEATHER 70' HAZY SUN LT. WINDY

TIME 2:00 TO

NOTES CHKD. [illegible] DATE

INST. NO. 96716

ROD NO. 9819

F.B. 2470 Pg. 73

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 208-64 TO 208-63
B.M.208-64									B.M.208-64
1	274	473	575 5	304 244 60	301	674	602 5	301 ½ 271 60	OLD RIDGE ROUTE & TOWER 60-4
									SEE F.B. 3721-145
2	183	999	484 5	222 144 78	95	834	396 5	134 56 78	
				138				138	
3	201	361	502 5	219 183 36	8	358	309 5	24 ½ 8 32	
				174				170	
4	271	890	572 5	281 261 20	11	722	312 5	22 0 22	
				194				192	
5	292	047	593 5	298 286 12	6	157	307 5	13 -1 14	
				206				206	
6	291	419	592 5	301 281 20	39	480	340 5	50 28 22	
				226				228	
7	233	476	534 5	240 226 14	91	671	392 5	98 84 14	
				240				242	
8	95	408	396 5	103 87 16	94	097	395 5	102 86 16	
				256 ✓				258 ✓	
								256 ✓	
B.M.208-63									B.M.208-63
	1844	063 ✓			648	993 ✓		514	OLD RIDGE ROUTE, 2.85 mi. ETC.
	648	993 ✓							SEE F.B. 3721-143
+	1195	070 ✓							

F.B. 2475 PG. 74

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-4-69

INDEXED H. E. OTT DATE

WEATHER LT BREEZE CLEAR 62° INST. NO. 96716

TIME 9:50 TO ROD NO. 9819

NOTES CHKD [illegible] DATE AUG 11 69

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 4-1-69
INDEXED H.E. OTT DATE [illegible]
WEATHER WINDY 67°
TIME 2:45
NOTES CHKD. [illegible] DATE [illegible]
INST. NO. 96716
ROD NO. 9819
F.B. 2475 Pg. 75

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 208-64 TO 208-65
B.M. 208-64									B.M. 208-64
1	13	752	313 5	1/2 34 13 42	283	373	584 5	303 263 40	OLD RIDGE ROUTE & TOWER
									SEE F.B. 3721-145
2	93	789	394 5	120 66 54 96	267	110	568 5	294 240 54 94	+ 231,324
3	12	923	313 5	16 8 8 104	301	950	602 5	1/2 301 297 8 102	-2398,223
									-2166,899
4	18	713	319 5	22 14 8 112	272	514	573 5	276 268 8 110	J. MALDONADO
5	18	243	319 5	22 14 8 120	290	011	591 5	294 286 8 118	CONSTRUTION AREA
6	18	514	319 5	22 14 8 128	252	982	553 5	256 248 8 126	(B.M. 208-64A U.S.C.&G.S. Q 52
7	14	152	315 5	24 4 20 148	224	970	525 5	235 213 22 148	RESET, FOUND DESTROYED.)
8	28	996	329 5	42 14 28 176	263	265	564 5	276 250 26 174	B.M. 208-64A NOT REPLACED
9	12	242	313 5	1/2 25 12 26	242	048	543 5	258 226 32	
T.B.M.	231,324				2398,223				T.B.M. AT 164+50
10	37	162	338 5	45 29 202 16	220	472	521 5	228 212 206 16	+202 408 B. SPK. IN SANDSTONE AT
11	22	230	323 5	32 5 218 34	257	246	558 5	273 241 222 32	TOE OF SLOPE ON ELY SIDE
12	25	263	326 5	42 8 252 34 286	301	009	602 5	1/2 301 285 32 286	OF PROPOSED ROADWAY
13	5	022	306 5	1/2 15 25 20 306	297	503	598 5	307 287 20 306	
14	5	939	306 5	1/2 15 5 20 326	291	807	592 5	301 281 20 326	
15	5	317	306 5	1/2 14 5 18 344	283	377	584 5	292 274 18 344	
16	10	294	311 5	19 18 362	292	703	593 5	301 283 18 362	
	342	531			342	340			

CONT. ON NEXT PAGE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 208-64 TO 208-65
CONT. FROM PREVIOUS PAGE	342	340			4342	340			
17	8	700	309 5	15 1 / 362 14	299	847	600 5	299 ½ 290 / 362 18	
18	17	931	318 5	24 10 / 376 14	237	085	538 5	242 232 / 380 10	
19	4	121	305 5	13 ½ 4 / 390 18	299	604	600 5	299 ½ 291 / 390 16	T.B.M. TO 208-65
20	15	354	316 5	23 7 / 408 16	299	204	600 5	299 ½ 290 / 406 18	+ 473.072 ✓
21	3	073	304 5	10 ½ 3 / 424 14	293	743	594 5	300 286 / 424 14	− 5162.206 ✓
x 22	3	378	304 5	12 ½ 3 / 438 14	295	502	596 5	302 288 / 438 14	− 4689.134 ✓
23	9	525	310 5	17 1 / 452 16	301	919	602 5	301 ½ 293 / 452 16	
24	6	988	307 5	14 −2 / 468 16	295	136	596 5	303 287 / 468 16	
25	8	242	309 5	16 1 / 484 15	286	401	587 5	293 278 / 484 15	
26	9	152	310 5	16 1 / 499 15	290	606	591 5	298 283 / 499 15	
27	25	617	326 5	32 18 / 514 14	186	910	487 5	194 178 / 514 16	STADIA T.B.M. TO 208-65
28	249	764	550 5	254 244 / 528 10	132	132	433 5	136 128 / 530 8	BACKSIGHTS 336 ✓ FORESIGHTS 332 ✓ 668 ✓
	473.072 ✓			538 ✓	5162.206			538 ✓	
								538 ✓	
B.M. 208-65	~~704~~	~~396~~	7560	429	7560	429 ✓		1076	B.M. 208-65
	704	396	704	396	704	396 ✓			OLD RIDGE ROUTE ON SMALL KNOLL
			−6856	.033	−6856	.033 ✓			SEE FB 3721-149

66° PART CLOUDY

WEATHER LT. WIND INST. NO. 96716

TIME 9:00 TO 10:15 ROD NO. 9819

NOTES CHKD [signature] DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES G.E. DREIER 4-2-69

INDEXED H. E. OTT DATE

F.B. 2475 PG. 76

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 4-3-69
INDEXED H.E. OTT DATE 11 25 [illegible]
WEATHER 66° CLEAR LT. WIND
TIME 2:10 TO
NOTES CHKD. [illegible] DATE
INST. NO. 96716
ROD NO. 9819
F.B. 2475 PG. 77

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	8 89 0			8 89 7			FROM 208-65 TO B.M. 208-64
B.M. 208-65							B.M. 208-65
1	39 085	340 5	47 31 16	83 188	384 5	91 75 16	OLD RIDGE ROUTE ON SMALL KNOLL
2	300 927	601 5	1/2 308 292 16 32	8 323	309 5	16 8 16 32	SEE F.B. 3721-149
3	294 506	595 5	301 287 14 46	15 261	316 5	23 7 16 48	
4	301 169	602 5	1/2 301 293 16 62	24 390	325 5	31 15 16 64	⊼ J. MALDONADO
5	290 209	591 5	297 283 14 76	10 223	311 5	17 3 14 78	
6	301 751	602 5	1/2 301 293 16 92	8 919	309 5	16 0 16 94	
7	300 941	601 5	300 292 16 108	21 762	322 5	28 14 14 108	
8	295 788	596 5	302 288 14 122	6 050	307 5	1/2 14 6 16 124	+5048.661 ✓
9	299 493	600 5	1/2 299 292 14 136	7 867	308 5	1/2 16 7 18 142	− 359.397 ✓
10	294 663	595 5	302 286 16 152	32 775	333 5	38 26 12 154	4689.264 =
11	297 537	598 5	304 290 14 166	33 089	334 5	39 27 12 166	DIFF 208-65 TO T.B.M.
12	294 687	595 5	302 286 16 182	37 032	338 5	45 29 16 182	
13	296 598	597 5	305 286 19 201	3 330	304 5	1/2 13 3 20 202	
14	297 147	598 5	306 288 18 219	3 288	304 5	1/2 13 3 20 222	
15	299 433	600 5	1/2 299 289 20 239	3 765	304 5	1/2 13 3 20 242	CONSTRUCTION AREA
16	291 511	592 5	304 278 22 261	19 668	320 5	31 7 24 266	+325 655 STADIA (208-65 TO T.B.M.
17	264 149	565 5	282 246 36 297	26 620	327 5	43 9 34 300	T.B.M. B.SPK IN SANDSTONE
18	289 969	590 5	303 275 28 325	13 847	314 5	1/2 28 13 30 330	AT 164+50, AT TOE OF SLOPE ON ELY SIDE OF PROP. ROADWAY
T.B.M.	5048 661	CONT.		359 397	CONT. NEXT PAGE		

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

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

Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 9 9/19 DATE APR. 11 68

WEATHER CLEAR TIME 8:50 NOTES CHKD. OLT

60° LT BRUE

SURVEY OF L.A. Co. PRECISE LEVEL NET JOB NO. 0301.02
SURVEY BY DREIER NOTES DREIER 4-4-69
INDEXED H. E. OTT DATE
F.B. 2475 PG. 78

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 208-65 TO 208-64
CONT.	5048 661			325	359 397			330	
19	251 521	552 5		267 235 32	13 850	314 5		29 ½ 13 32	CONSTRUCTION
20	301 748	602 5		301 ½ 285 32	30 046	331 5		46 14 32	
21	271 288	572 5		280 262 64 18 82	5 966	306 5		14 ½ 5 64 18 82	
22	295 212	596 5		300 290 10 92	6 599	307 5		11 1 10 92	+ 2316.257
23	297 394	598 5		301 293 8 100	8 932	307 5		12 4 8 100	− 149.393
24	300 940	601 5		300 ½ 296 8 108	5 669	306 5		9 1 8 108	+ 2166.854 = DIFF FROM T.B.M. TO 208-64
25	298 663	599 5		298 ½ 270 56 164	44 941	345 5		73 15 58 166	
26	299 491	600 5		299 ½ 279 40 204 325 529	33 390	334 5		52 14 38 204 330 534 529 1063	204 204 408 = STADIA T.B.M. TO 204-64
BM 208-64	2316257				149393				BM 208-64 OLD RIDGE ROUTE AT TOWER 60-4 SEE F.B. 3721-145
	5048661				359397				
	7364918				508790				
	508790								
	+ 6856128 = DIFF 208-65 TO 208-64								

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-66°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 4-2-69 WEATHER Sunny & Breezy INST. NO. 96716
INDEXED H.E. OTT DATE JL 25 TIME 10:15 to 11:10 ROD NO. 9#19
NOTES CHKD. [illegible] DATE [illegible]
F.B. 2475 PG. 79

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM208-65 TO BM208-66
208-65									BM 208-65
1	4	372	305.5	12 (1/2) 4 16	293	322	594.5	301 285 16	Old Ridge Rt., 2.25 mi. N.W., etc.
									See F.B. 3721-149
2	39	265	340.5	50 28 22	284	447	585.5	295 273 22	
				38				38	
3	6	570	307.5	20 6 (1/2) 28	301	970	602.5	301 286 (1/2) 30	
4	8	258	309.5	28 8 (1/2) 66	298	396	599.5	298 282 (1/2) 68	
5	4	446	305.5	26 (1/2) 44	247	853	548.5	273 221 32 100	X-Dreier
				150				152	
6	195	693	496.5	212 177 35	54	200	355.5	71 37 34	
7	275	909	576.5	287 263 24	17	791	318.5	29 5 24	
8	280	516	581.5	290 270 20	23	367	324.5	33 13 20	
				229				230	
9	287	580	588.5	300 273 27	41	751	342.5	55 27 28	
				256				258	
10	229	885	530.5	257 201 56	157	350	458.5	185 129 56	
				312				314	
								312	
								626	
	~~1051978~~				~~1697080~~				
	1332494				1720447				
					1332494				
					387953				
BM208-66									BM 208-66
									Old Ridge Rt., 1.8 mi. N.W., etc.
									See F.B. 3721-151

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	46	76			35	44			FROM BM 208-66 TO BM 208-65
BM 208-66									BM 208-66
				181				234	Old Ridge Rt., 1.8 mi. N.W., etc
1	155	859	456.5	129 52	208	225	509.5	182 52	See F.B. 3721-151
				81				298	
2	66	980	367.5	51 30	298	817	599.5	284 ½ 28	
				45 82				299 (½) 80	
3	35	642	336.5	25 20	299	504	600.5	288 22	
				33 102				261 102	
4	23	715	324.5	13 20	251	315	552.5	241 20	K - Dreier
	16			34 122				237 122	
5	~~47~~	960	317.5	-2 36	218	295	519.5	199 38	
				225 158				33 160	
6	202	647	503.5	179 46	11	392	312.5	11 (½) 44	
				301 204				29 204	
7	301	607	602.5	284 (½) 34	11	463	312.5	11 ½ 36	
				299 238				21 240	
8	299	483	600.5	282 34	3	105	304.5	3 (½) 36	
				264 272				22 276	
9	257	187	558.5	250 14	14	640	315.5	6 16	
				296 286				58 292	
10	292	432	593.5	288 8 294	55	118	356.5	52 6	
				223 10				117 298	
11	217	602	518.5	213 304	114	510	415.5	112 5 303	
				116				113	
12	114	313	415.5	112 4	110	136	411.5	108 5	
				308				308	BM 208-65
	1984	427 ✓			1596	520 ✓		308	Old Ridge Rt., 2.25 mi. N.W., etc.
BM 208-65	1596	520 ✓						616	See F.B. 3721-149
	387	907 ✓							

T-66°

WEATHER Sunny & Breezy INST. NO. 96716

TIME 1:25 PM ROD NO. 9819

NOTES CHKD [illegible] DATE APR 11 69

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-3-69

INDEXED H. E. OTT DATE

F.B. 2475 PG. 80

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-64°
SURVEY BY G. E. Dreier DATE 4-2-69 WEATHER overcast INST. NO. 26716
NOTES BY Waldenado TIME 11:20 to 12:00 ROD NO. 9818
INDEXED H. E. OU DATE JUL 25 1969 NOTES CHKD DATE
F.B. 2475 PG. 87

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 208-66 TO BM 208-67
BM 208-66				63				222	BM 208-66
1	45 582	346	5	45 (½) 36	203 273	504	5	184 38	Old Ridge Rt, 1.8 mi. N.W., etc.
									See F.B. 3721-151
2	43 272	344	5	79 7 72	255 308	556	5	290 220 70	
3	23 787	324	5	48 -2 108 50	301 876	602	5	301 (½) 108 278 (½) 46	
4	4 260	305	5	158 23 4 (½) 38	298 421	599	5	154 298 (½) 282 (½) 32	T-Dreier
5	20 150	321	5	186 33 7 26	279 407	580	5	186 292 265 27	
6	182 331	483	5	272 186 178 8	141 241	442	5	213 145 137 8	
				230				221	
								230	
	319 382				1479526			451	
					319382				
					~~1798908~~				
					1160144				
BM 208-67									BM 208-67 (U.S.C.&G.S. T-970)
									Old Ridge Rt, 1.55 mi. N.W., etc.
									See F.B. 3721-153

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 BM208-67 TO BM208-66
BM 208-67									BM 208-67 (U.S.C.&G.S T-970)
				297 (1/2)				42	Old Ridge Rt, 1.55 mi. N.W., etc.
1	297	038	598 5	283 28	28	748	329 5	14 28	See F.B. 3721-153
				299 (1/2)				34	
2	299	465	600 5	281 36	16	650	317 5	-2 36	
				294 64				58 64	
3	294	630	595 5	271 46	34	497	335 5	10 48	
				286 110				85 112	T-Dreier
4	252	925	553 5	218 68	51	718	352 5	17 68	
				220 178				125 180	
5	206	713	507 5	192 28	112	360	413 5	99 26	
				195 206				142 206	
6	192	705	493 5	189 6	139	298	440 5	136 6	
				212 ✓				212 ✓	
								212 ✓	
	1543	476 ✓			383	321 ✓		424 ✓	
	383	321 ✓							
	+1160	155 ✓							
BM208-66									BM 208-66 Old Ridge Rt, 1.8 mi. N.W., etc. See F.B. 3721-151

T-70°

WEATHER Sunny & Clear INST. NO. 96716

TIME 1:00 to ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-3-69

INDEXED H. E. OTT DATE

F.B. 2475 Pg. 82

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

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

SURVEY BY G. E. Dreier DATE 4-7-68 WEATHER Sunny & Breezy INST. NO. 9716

NOTES BY M. E. Ott TIME 1:25 to 2:10 ROD NO. 9815

INSPECTED BY DATE JR 2-5-68 NOTES CHKD DATE

F.B. 2475 Pg. 83

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											From BM 208-67 To BM 208-68
BM 208-67											BM 208-67 (U.S.C.&G.S. T=970)
				111					246		Old Ridge Rt, 1.55 mi. N.W., etc.
1	102 667	403 5		93	18	237 292	538 5		228	18	See F.B. 3721-153
				52					295½		
2	36 445	337 5		20	32	295 827	596 5		279½	32	
				30½	50				286	50	
3	13 521	314 5		13½	34	269 713	570 5		252	34	T-Dreier
				161	84				131	84	
4	128 700	429 5		95	66	98 408	399 5		65	66	
				86	150				296	150	
5	62 844	363 5		38	48	296 775	597 5		274(½)	49	
				53	198				299	194	
6	37 892	338 5		21	32	281 942	582 5		262	37	
				64	230				239	231	
7	46 677	347 5		28	38	220 576	521 5		201	38	
				104	266				301	269	
8	79 295	380 5		54	50	276 298	577 5		251	50	
				42	316				299	319	
9	27 890	328 5		13	29	299 437	600 5		287(½)	24	
				35	345				287	43	
10	15 894	316 5		15½	40	268 819	569 5		249	38	
					385					381	
										385	
	551 825					2545 088				766	
						551 825					
BM 208-68						1993 263					BM 208-68
											Old Ridge Rt, 1.1 mi. N.W., etc.
											See F.B. 3721-155

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 208-68 TO BM 208-67
BM 208-68									BM 208-68
				296 1				28 1	Old Ridge Rt, 1.1 mi. N.W. etc.
1	296	132	597 5	274 2 44	7	222	308 5	7 2 42	See F.B. 3721-155
				297		62		73	
2	286	110	587 5	275 22	~~63~~	342	363 5	51 22	
				258 66				105 64	
3	243	413	544 5	228 30	90	738	391 5	74 31	
				273 96				65 95	
4	246	628	547 5	218 55	37	514	338 5	9 56	T-Dreier
				297 151				27 151	
5	297	872	598 5	275 (½) 44	3	748	304 5	3 (½) 48	
				299 195				156 199	
6	299	493	600 5	274 (½) 50	130	820	431 5	104 52	
				223 245				138 251	
7	189	353	490 5	155 68	107	732	408 5	76 62	
				298 313				24 313	
8	298	103	599 5	279 (½) 36	6	095	307 5	6 (½) 36	
				274 349				49 349	
9	261	330	562 5	248 26	36	746	337 5	23 26	
				195 375				137 375	
10	191	150	492 5	186 9	133	245	434 5	128 9	
				384				384	
								384	
	2609	584			616	202		768	
	616	202							
	+1993	382							
BM 208-67									BM 208-67 (U.S.C.&G.S. T-970)
									Old Ridge Rt, 1.55 mi. N.W. etc.
									See F.B. 3721-153

T-64°

WEATHER Sunny & clear INST. NO. 96716

TIME 11:05 to 11:45 ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-3-69

INDEXED H. E. OTT DATE

F.B. 2475 PG. 84

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER
DATE 4-2-69
WEATHER 60° LT. WIND
TIME 2:10 PM
NOTES CHKD. [illegible]
DATE [illegible]
INSTR. NO. 96716
ROD NO. 9 [illegible]
F.B. 2475 Pg. 88

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS FROM 208-68 TO 208-69
BM 208-68									BM 208-68
1	19	411	320 5	24 14 10	276	882	577 5	282 270 12	OLD RIDGE ROUTE & TOWER No. 62-2
2	11	547	312 5	½ 26 11 30 40	297	643	598 5	½ 297 282 30 42	SEE F.B. 3721-155
3	9	541	310 5	½ 20 9 22 62	291	462	592 5	302 280 22 64	
4	10	322	311 5	20 0 20 82	293	977	594 5	304 282 22 86	J. MALDONADO
5	14	522	315 5	27 1 26 108	300	966	601 5	½ 300 288 24 110	
6	8	889	309 5	½ 24 8 32 140	300	768	601 5	½ 300 284 32 142	
7	4	542	305 5	½ 18 4 28 168	279	222	580 5	293 265 28 170	
8	55	616	356 5	71 39 32 200	276	430	577 5	291 261 30 200	
9	19	060	320 5	34 5 29 229	290	123	591 5	304 276 28 228	
10	31	976	332 5	34 28 6 235	194	533	495 5	197 191 6 234	
BM 208-69	185	436			280	006		235 469	BM 208-69 (U.S.C. & G.S. P-52 1920)
					185	436			OLD RIDGE ROUTE & HORSESHOE CURVE
					- 261	570			~~290~~ SEE F.B. 3721-157

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 208-69 TO 208-68
B.M. 208-69									B.M 208-69 (US C&G.S. P52 1926)
1	239	073	540 5	257 221 36	5	071	306 5	21 ½ 5 32	OLD RIDGE ROUTE AT HORSESHOE CURVE
									SEE F.B. 3721-157
2	301	569	602 5	301 ½ 294 14 50	21	018	322 5	27 15 12 44	
3	299	167	600 5	299 ½ 292 14 64	55	612	356 5	65 45 20 64	⊼ J. MALDONADO
4	295	821	596 5	295 ½ 280 30 94	7	966	308 5	22 ½ 7 30 94	
5	299	412	600 5	299 ½ 286 26 120	3	122	304 5	15 ½ 4 22 116	
6	285	004	586 5	296 274 22 142	21	060	322 5	32 10 22 138	
7	300	720	601 5	300 ½ 288 24 166	3	883	304 5	17 ½ 3 28 166	
8	301	320	602 5	301 ½ 288 26 192	6	048	307 5	19 ½ 6 26 192	
9	275	460	576 5	284 266 18 210	54	821	355 5	63 45 18 210	
10	225	208	526 5	228 222 6 216	27	425	328 5	30 24 6 216	
B.M. 208-68								216	B.M. 208-68
	2822	754 ✓			206	026 ✓		432	OLD RIDGE ROUTE & TOWER #62-2
	206	026 ✓							SEE F.B. 3721-155
	+2616	728 ✓							

F.B. 2475 PG. 86 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-3-69

INDEXED H. E. OTT DATE

58° CLEAR

WEATHER LT. WIND INST. NO. 96716

TIME 10:15 TO ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 55°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 4-3-69
INDEXED H.E. OTT DATE [illegible]
WEATHER CLEAN WINDY
TIME 9:10 TO 9:40
NOTES CHKD. [illegible] DATE [illegible]
INST. NO. 96716
ROD NO. 9 & 19
F.B. 2475 PG. 87

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 208-69 TO 208-70
B.M. 208-69									B.M. 208-69 (U.S.C. & G.S. P52 1926)
1	30	749	331 5	50 / 10 / 40	285	609	586 5	307 / 265 / 42	OLD RIDGE ROUTE & HORSESHOE CURVE
2	4	893	305 5	1/2 17 / 4 / 26 / 66	299	103	600 5	1/2 299 / 287 / 24 / 66	SEE F.B. 3721-157
3	16	296	317 5	28 / 4 / 24 / 90	291	614	592 5	303 / 279 / 24 / 90	⊼ J. MALDONADO
4	20	009	321 5	31 / 9 / 22 / 112	293	740	594 5	303 / 282 / 21 / 111	
5	14	057	315 5	25 / 3 / 22 / 134	272	993	573 5	283 / 261 / 22 / 133	
6	18	596	319 5	28 / 8 / 20 / 154	257	831	558 5	267 / 247 / 20 / 153	
7	14	242	315 5	27 / 1 / 26 / 180	301	102	602 5	1/2 301 / 288 / 26 / 179	
8	39	944	340 5	48 / 29 / 19 / 199	269	631	570 5	278 / 260 / 18 / 197	
B.M. 208-70								199	B.M. 208-70
	158	786			2271	623		396	OLD RIDGE ROUTE, 0.65 mi., ETC.,
					158	786			SEE F.B. 3721-159
					2112	837			

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. 2475 PG. 88 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-3-69

INDEXED H. E. OTT DATE

WEATHER 58 CLEAR VERY WINDY INST. NO. 96716

TIME 9:40 TO 10:15 ROD NO. 9819

NOTES CHKD. DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM BM.208-70 TO BM.208-69
BM.208-70											BM.208-70
1	292	121	593 5	302 282	20	43	261	344 5	53 33	20	OLD RIDGE ROUTE, 0.65 MI. ETC.
											SEE F.B. 3721-159
2	280	889	581 5	291 269	22 42	33	763	334 5	44 22	22 42	
3	301	515	602 5	301 ½ 287	28 70	4	650	305 5	18 ½ 4	28 70	T J. MALDONADO
4	301	340	602 5	301 ½ 290	22 92	3	119	304 5	14 ½ 3	22 92	
5	292	442	593 5	304 280	24 116	4	955	305 5	16 ½ 4	24 116	
6	301	112	602 5	301 ½ 288	26 142	3	929	304 5	16 ½ 3	26 142	
7	298	185	599 5	298 ½ 286	24 166	5	411	306 5	18 ½ 5	26 168	
8	207	860	508 5	222 192	30 196 ✓	63	418	364 5	78 48	30 198 ✓	
BM.208-69										196	BM.208-69 (U.S.C.&G.S. P52 1926)
	2275	464 ✓				162	506 ✓			394	OLD RIDGE ROUTE 0.85 MI. AT
	162	506 ✓									HORSESHOE CURVE
	+ 2112	958 ✓									SEE F.B. 3721-157

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-68°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 4-4-69 WEATHER Sunny 80° INST. NO. 96716
CHECKED H.E. Ott DATE 4-25-69 TIME 11:25 PM ROD NO. 3-E-17
NOTES CHKD. [illegible] DATE
F.B. 2475 Pg. 89

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS From 208-70 To 208-71
BM 208-70									BM 208-70
1	21 142		322 5	34 21½ 26	296 205		597 5	296 282½ 26	Old Ridge Rt., 0.65 mi. NW, etc.
									See F.B. 3721-159
2	18386		314 5	31 5 26	282 439		583 5	295 270 25	
				52					
3	14927		315 5	27 1 26	292 255		593 5	305 278 27	
				78					
4	24259		325 5	28 10 28	297 392		598 5	297 283½ 28	T-Dreier
				106					
5	25757		326 5	39 11 28	280364		581 5	294 266 28	
				134					
6	29031		330 5	45 13 32	291 231		592 5	307 275 32	
				166					
7	10280		311 5	28½ 10½ 36	301 675		602 5	301½ 284½ 34	
				202					
8	21613		322 5	35 7 28	285 223		585 5	297 271 26	
				230					
9	3567		304 5	15½ 3½ 24	300 364		601 5	300 288½ 24	
				254					
10	40333		341 5	50 30 20	268 138		569 5	280 256 24	
				274 ✓				250	
								274 ✓	
								274 ✓	
								548 ✓	
	209295 ✓				289 286 ✓				
					209 295 ✓				
					287 991 ✓				
BM 208-71									BM 208-71 (D.W.R. BM SUB-1)
									Old Ridge Rt., 0.3 mi. SW, etc.
									See F.B. 3721-161

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2475 PG. 90 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 8-10-69

INDEXED H. E. OTT DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 1:30 to ROD NO. 9819

NOTES CHKD DATE APR 14 1969

T-80°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM208-71 TO BM208-70
BM 208-71				248				32	BM 208-71 (D.W.R. BM 508-1)
1	237	930	538 5	226 22	20	950	321 5	8 24	Old Ridge Rt, 0.3 mi. N.W., etc.
				301 ½				19 (½)	See F.B. 3721-161
2	301	170	602 5	288 ½ 28	7	998	308 5	7 24	
				306 48				48 48	
3	293	668	594 5	280 26	35	561	336 5	22 26	
				276 74				35 74	
4	262	125	563 5	248 28	18	311	319 5	1 34	
				274 102				65 108	
5	261	230	562 5	247 27	51	774	352 5	37 28	π - Dreier
				301 ½ 129				20 ½ 136	
6	301	893	602 5	282 ½ 38	5	237	306 5	5 ½ 30	
				300 ½ 167				25 ½ 166	
7	300	172	601 5	285 ½ 30	10	874	311 5	10 ½ 30	
				297 ½ 197				17 196	
8	297	403	598 5	282 ½ 30	3	727	304 5	3 ½ 28	
				300 ½ 227				18 ½ 224	
9	300	198	601 5	287 (½) 26	4	803	305 5	4 ½ 28	
				301 (½) 253				27 ½ 252	
10	301	298	602 5	286 (½) 30	12	605	313 5	12 ½ 30	
				283 ✓				282 ✓	
								283 ✓	
	2857087 ✓				171 840 ✓			565 ✓	
	171840 ✓								
	+2685247 ✓								
BM 208-70									BM 208-70
									Old Ridge Rt, 0.65 mi. N.W., etc.
									See F.B. 3721-159

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-64"
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 4-11-69
INDEXED H. E. OTT DATE [illegible]
WEATHER Sunny & Breezy INST. NO. 95716
TIME 10:30 to 11:05 ROD NO. 9819
NOTES CHKD. [illegible] DATE [illegible]
F.B. 2475 Pg. 91

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM208-70 TO BM208-71
BM208-70									BM208-70
1	19	371	320.5	32½ 19 26	296	350	597.5	296 283½ 26	Old Ridge Rt, 0.65 mi. N.W., etc.
									See F.B. 3721-159
2	23	430	324.5	37 10 27	297	630	598.5	297½ 284½ 26	
				53				52	
3	3	368	304.5	17½ 3 28	290	862	591.5	305 275 30	Re-Run
				81				82	
4	17	434	318.5	31 3 28	300	974	601.5	300½ 286½ 28	T-Dreier
				109				110	
5	25	601	326.5	40 10 30	300	251	601.5	300½ 285½ 30	
				139				140	
6	35	521	336.5	50 20 30	287	791	588.5	301 273 28	
				169				168	
7	37	350	338.5	53 20 33	297	333	598.5	297½ 281½ 36	
				202				204	
8	21	526	322.5	35 7 28	300	214	601.5	300½ 287½ 26	
				230				230	
9	6	487	307.5	19½ 6½ 26	297	398	598.5	297½ 283½ 28	
				256				258	
10	41	813	342.5	50 32 18	248	033	549.5	257 239 18	
				274				276	
								274	
	231	901			2916	836		550	
					231	901			
					2684	935			
BM208-71									BM208-71 (D.W.R. BM SUB-1)
									Old Ridge Rt 0.3 mi. N.W., etc.
									See F.B. 3721-161

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 BM208-71 TO BM208-70
BM 208-71									BM 208-71 (D.W.R. BM SVR-1)
1	301	905	602 5	301 ½ 287 28	4	511	305 5	17 ½ 4 26	Old Ridge Rt, 0.3 mi. S.W., etc.
									See F.B. 3721-161
2	295	684	596 5	307 284 23	11	245	312 5	22 -1 23	
3	297	413	598 5	297 ½ 282 51 30	13	205	314 5	28 -2 49 30	
4	250	943	551 5	265 235 81 30	20	885	321 5	35 5 79 30	
5	299	129	600 5	299 ½ 283 111 32	16	337	317 5	32 1 109 31	Re-Run
6	282	829	583 5	297 267 143 30	10	823	311 5	25 ½ 10 140 30	π-Dreier
7	296	406	597 5	296 ½ 282 173 28	17	637	318 5	32 2 170 30	
8	301	549	602 5	301 ½ 286 201 30	15	381	316 5	30 0 200 30	
9	298	253	599 5	298 ½ 288 231 20	47	117	348 5	57 36 230 21	
10	276	162	577 5	287 266 251 21	58	201	359 5	69 48 251 21	
				272 ✓				272 ✓	
								272 ✓	
	2900	273 ✓			215	342 ✓		544 ✓	
	215	342 ✓							
	+2684	931 ✓							BM 208-70
BM 208-70									Old Ridge Rt, 0.65 mi. N.W., etc.
									See F.B. 3721-159

F.B. 2475 PG. 92 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-11-69

INDEXED H. E. OTT DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 11:10 to 11:50 ROD NO. 9814

NOTES CHKD [illegible] DATE APR 14 69

T-70°

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 4-4-69
H.E. OTT DATE JUL 25 '69
WEATHER Sunny & Clear
TIME 1:20 to 2:50
NOTES CHKD. [illegible] DATE
INST. NO. 96716
ROD NO. 9819
F.B. 2475 PG. 93
T-76°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-71 TO 208-72
BM 208-71									BM 208-71 (D.W.R. BM SUB-1)
1	26	148	327 5	39 ½ 26 26	260	890	561 5	273 247 26	Old Ridge Rt, 0.3 mi. N-W., etc
									See F.B. 3721-161
2	21	582	322 5	39 3 36	293	072	594 5	293 ½ 276 34	
				62				60	
3	9	998	310 5	27 ½ 9 36	301	337	602 5	301 ½ 284 34	
				98				94	
4	3	951	304 5	19 ½ 3 32	299	011	600 5	299 ½ 285 28	
				130				122	
5	3	746	304 5	15 ½ 3 24	299	573	600 5	299 ½ 282 34	R-Dreier
				154				156	
6	5	223	306 5	21 ½ 5 32	300	932	601 5	300 ½ 286 28	
				186				184	
7	107	358	408 5	112 102 10	218	633	519 5	224 212 12	
				196				196	
	~~178~~	~~006~~			~~1973~~	~~448~~		~~196~~ ~~392~~	
8	161	511	462	163 159 4	151	773	452 5	153 149 4	
				200				200	
	339	517	✓		2125	221	✓	200	
					339	517	✓	400	
					1785	704	✓		
BM 208-72									BM 208-72 (U.S.C.&G.S. X-370)
									Old Ridge Rt, 0.7 mi. N of
									Castaic Union School
									See F.B. 3721-163

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 208-72 TO BM 208-71
BM 208-72				300 ½				18 ½	BM 208-72 (U.S.C.&G.S. X-370)
1	300	120	601 5	287 2 26	5 056	306 5		5 ½ 26	Old Ridge Rd, 0.7 mi. N. of
				301				24	Castaic Union School.
2	286 7	888	588 5	273 28	11 384	312 5		-2 26	See F.B. 3721-163
				301 ½ 54				18 ½ 52	
3	301	492	602 5	288 2 26	5 287	306 5		5 ½ 26	
				290 80				59 78	
4	278	926	579 5	266 24	46 015	347 5		33 26	
				282 104	45			59 104	
5	268	910	569 5	254 28	~~44~~ 021	346 5		31 28	X-Dreier
				286 132				49 132	
6	271	529	572 5	256 30	34 391	335 5		19 30	
				240 162				90 162	
7	232	762	533 5	224 16	82 493	383 5		74 16	
				226 178				152 178	
8	219	410	5 5	212 14	145 683	446 5		138 14	
				192 ✓				192 ✓	
								192 ✓	
								384	
	216 045 ✓				37 330 ✓				
	375 330 ✓								
	+178 591 6 ✓								
BM 208-71									BM 208-71 (D.W.R. BM SUB-1) Old Ridge Rd, 0.3 mi. N.W., etc. See F.B. 3721-161

WEATHER Sunny & Cool INST. NO. 96716

TIME 1:20 To 2:50 ROD NO. 9419

NOTES CHKD DATE 1 4

T-80°

F.B. 2475 PG. 94

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

SURVEY BY Brown NOTES Maldonado 4-10-68

INDEXED H.E. OTT DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM208-72 TO BM208-73
BM208-72									BM208-72 (U.S.C.&G.S. X-370)
1	26	527	327 5	45 7 38	299	940	600 5	299 1/2 280 38	Old Ridge Rt., 0.7 mi. N. of Castaic Union School.
2	16	792	317 5	36 1/2 16 40	297	912	598 5	297 1/2 277 40	See F.B. 3721-163
3	15	835	316 5	34 1/2 15 38 78	301	486	602 5	301 1/2 282 38 78	
4	14	~~673~~ 663	315 5	34 1/2 14 40 116	298	028	599 5	298 1/2 279 38 116	π-Dreier
5	24	589	325 5	42 6 36 156	282	767	583 5	302 263 39 154	
6	41	232	342 5	61 21 40 192	284	567	585 5	303 264 39 193	
7	18	210	319 5	37 -1 38 232	279	317	580 5	299 259 40 232	
8	82	425	383 5	111 54 57 270	171	994	472 5	198 144 54 272	
9	135	297	436 5	148 122 26 327	158	050	459 5	171 144 27 326	
10	147	369	448 5	154 140 14 353	155	597	456 5	162 148 14 353	
				367				367	
								367	
	522	939			2529	658		734	
					522	939			
BM208-73					200	~~46~~ 67 19			BM208-73 Old Ridge Rt., 0.3 mi. N. of Castaic Union School. See F.B. 3721-165

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-64°

SURVEY BY G.F. Dreier

NOTES BY Maldonado DATE 4-4-69

WEATHER Sunny & Breezy INST. NO. 96716

TIME 1:55 to 2:30 ROD NO. 9819

F.B. 2475 PG. 95

H.E. OTT DATE 8-25-69 NOTES CHKD. [illegible] DATE [illegible]

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 BM208-75 TO BM208-72
BM208-73				238				184	BM208-73
1	203	770	504 5	168 70	149	440	450 5	114 70	Lake Hughes Rd., 0.3 mi. N. of Castaic Union School @ Tower # W 204-5
2	285	900	586 5	285 1/2 249 72	8	188	309 5	33 1/2 8 50	See F.B. 3721-165
3	291	950	592 5	308 142 274 34	~~3~~ 3	468	~~30~~ 304 5	30 1/2 120 3 54	
4	300	997	601 5	300 176 278 1/2 ~~44~~	6	461	307 5	27 1/2 174 6 42	X-Dreier
5	300	852	601 5	300 220 281 1/2 38	9	935	310 5	31 1/2 216 9 44	
6	301	909	602 5	301 258 283 1/2 36	24	974	325 5	43 260 4 39	
7	296	763	597 5	296 294 277 1/2 38	20	909	321 5	39 299 1 38	
8	284	572	585 5	202 332 366 36	36	705	337 5	52 337 21 31	
				368				368	
9								368	
	2266	713			260	080		736	
	260	080							
	+2006	633							
BM208-72									BM208-72 (U.S.C.&G.S. X-370) Old Ridge Rt., 0.7 mi. N. of Castaic Union School. See F.B. 3721-163

T-78'

WEATHER Sunny & Breezy INST. NO. 96716

TIME 12:45 to 1:20 ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-10-69

INDEXED H. E. OTT DATE

F.B. 2475 PG. 96

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM208-73 TO BM 208-74
B.M. 208-73									B.M. 208-73
1	102	603	403 5	132 72 60	161	021	462 5	190 132 58	~~OLD~~ LAKE HUGHES RD. AT TOWER W204-5 SEE F.B. 3721-165
2	68	391	369 5	106 30 76 136	202	973	503 5	238 166 72 130	
3	93	829	394 5	132 54 78 214	248	156	549 5	290 206 84 214	↑ J. MALDONADO
4	82	607	383 5	132 32 100 314	134	849	435 5	184 84 100 314	✓
	347	430	✓		746	999	✓	314	✓
					347	430	✓	628	✓
B.M. 208-74					399	569	✓		B.M. 208-74 (U.S.C.&G.S. 5970 1964) LAKE HUGHES RD. AT BR. # B 910 SEE F.B. 3721-167

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-4-69

B.E. OTT DATE [illegible]

WEATHER CLEAR, LT BREEZE 76°

TIME 2:30 TO 2:50

NOTES CHKD. [illegible] DATE [illegible]

INST. NO. 96716

ROD NO. 9819

F.B. 2475 PG. 97

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 208-74 TO 208-73
B.M. 208-74									B.M. 208-74 (U.S.C. & G.S. 3970 1964)
1	118	586	419 5	156 80 76	112	972	413 5	150 74 76	LAKE HUGHES RD. & BRIDGE #B 710
									SEE F.B. 3721-167
2	260	225	561 5	301 218 83	84	355	385 5	124 44 80	
								156	
3	202	922	503 5	243 161 159 82	65	931	366 5	106 24 82	
								238	
4	190	417	491 5	227 153 241 74	109	583	410 5	145 73 72	
				315				310 ✓	
								315 ✓	
	772	150 ✓			372	841 ✓		625 ✓	
	372	841 ✓							
	399	309 ✓							
B.M. 208-73									B.M. 208-73
									OLD LAKE HUGES RD & TOWER W. 204-5
			RERUN		4-11-69			T = 76°	SEE F.B. 3721-165
B.M. 208-74									
1	116	388	417 5	152 80 72	119	804	420 5	154 84 70	
2	226	999	527 5	263 189 74	75 ~~175~~	418 ~~487~~	376 ~~4~~ 5	114 36 78	
								148	
3	216	874	517 5	257 173 146 86	52	173	353 5	95 9 86	
								234	
4	137	522	438 5	178 96 232 82	~~117~~	~~468~~	~~418 5~~	~~155~~ ~~79~~ 76	
				314	50	931	351 5	92 50 84	
								318 ✓	
								314 ✓	
B.M. 208-73	697	783 ✓			298	326 ✓		632 ✓	
	298	326 ✓							
	399	457 ✓							

72°

WEATHER WINDY - CLEAR INST. NO 96716

TIME 11:00 TO ROD NO 9819

NOTES CHKD [signature] DATE

JOB NO 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-10-69

INDEXED H. E. OTT DATE

F.B. 2475 PG. 98

76P526 CE # 308 3-65

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 G.E. DREIER DATE 4-7-69
INDEXED H. E. OTT DATE
WEATHER CLEAR-DT. BR. 70° TIME 9:45 TO 10:25
NOTES CHKD. DATE
INST. NO. 96716
ROD NO. 9 & 19
F.B. 2475 Pg. 99

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-74 TO B.M. 208-75
B.M. 208-74									B.M. 208-74
1	57	366	358 5	84 30 54	217	421	518 5	244 190 54	LAKE HUGHES RD. & BRIDGE 710
									SEE F.B. 3721-167
2	122	713	423 5	157 87 70 124	70	140	371 5	105 35 70 124	J. MALDONADO
3	278	121	579 5	299 257 42 166	3	581	304 5	25 5 40 164	
4	284	432	585 5	296 272 24 190	4	750	305 5	18 ½ 4 28 192	
5	296	583	597 5	308 284 24 214	37	867	338 5	49 25 24 216	
6	286	500	587 5	303 269 34 248	52	683	353 5	70 34 36 252	
7	212	808	513 5	222 202 20 268	191	716	492 5	201 181 20 272	
8	171	151	472 5	182 160 22 290	151	738	452 5	160 142 18 290	
B.M. 208-75								290	B.M. 208-75
	1709	674			729	896		580	PARKER RD. W. OF GOLDEN ST. FRWY
	729	896							SEE F.B. 3721-169
	+ 979	778							

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 208-75 TO B.M. 208-74
B.M. 208-75									B.M. 208-75
1	132	174	433 5	162 102 60	298	874	599 5	½ 298 272 52	PARKER RD. & GOLDEN STATE FRWY., S.W. Cor.
2	21	166	222 5	35 7 28 88	293	411	594 5	½ 293 277 32 84	SEE F.B. 3721-169
3	12	528	313 5	24 0 24 112	287	778	588 5	299 275 24 108	⊼ J. MALDONADO
4	4	949	305 5	½ 15 4 22 134	296	260	597 5	296 282 28 136	
5	82	029	383 5	118 46 72 206	255	303	556 5	291 219 72 208	
6	LOST T.P.								
~~B.M. 208-74~~									~~B.M. 208-74 (U.S.C.&G.S. S 990 1964)~~
1	127	711	428 5	158 96 62	300	919	601 5	300 273 54	~~LAKE HUGHES RD. & BR.# B-710~~
2	27	562	228 5	40 14 26 88	294	071	595 5	½ 294 280 28 82	~~SEE F.B. 3721-167~~
3	24	862	325 5	33 15 18 106	276	371	577 5	288 264 24 106	
4	3	421	304 5	½ 14 3 22 128	286	024	587 5	297 275 22 128	
5	72	183	373 5	½ 110 72 76 204	166	248	467 5	204 128 76 204	
6	141	172	442 5	174 108 66 270	53	068	354 5	86 20 66 270	B.M. 208-74 (U.S.C.&G.S. S 970 1964)
	396	911			1376	701		270	LAKE HUGHES RD & BR# B 710
					396	911		540	SEE F.B. 3721-167
B.M. 208-74					979	790			

WEATHER ⊼ WIND, CLEAR INST. NO. 96716

TIME 9:50 10:30 TO 11:00 ROD NO. 9819

NOTES CHKD. [illegible] DATE [illegible]

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVELNET

SURVEY BY DREIER NOTES DREIER 4-10-69

INDEXED H. E. OTT DATE

F.B. 2475 PG. 100

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER
DATE 4-7-69
WEATHER 67° CLEAR, LT. BREEZE
TIME 10:25 TO 11:30
INST. NO. 26716
ROD NO. 9&19
NOTES CHKD. H. E. OTT
DATE 4-25-69
F.B. 2475 Pg. 101

STATION	BACKSIGHT Right Mic.	Left.	Stadia	FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS FROM B.M. 208-75 TO 208-76
B.M. 208-75	2 8 4 3			4 4 5 3			B.M. 208-75
1	47 353	348.5	62 32 30	264 751	565.5	279 249 30	PARKER RD. & W. of GOLDEN STATE FRWY
2	58 393	359.5	71 45 26	271 322	572.5	284 258 26	SEE F.B. 3721-169
3	3 080	304.5	32 56 ½ 3 58	235 851	536.5	264 206 58	J. MALDONADO
4	90 863	391.5	122 58 114 64	251 672	552.5	283 219 114 64	
5	109 480	410.5	141 77 178 64	257 283	558.5	288 226 178 62	
6	9031	310.5	39 ½ 9 242 42	300 609	601.5	300 279 240 42	
7	3 372	304.5	19 ½ 3 284 32	298 485	600.5	299 282 282 34	
8	11 041	322.5	36 6 316 30	259 112	560.5	274 244 316 30	
9	25 572	326.5	63 25 346 36	234 684	535.5	270 198 346 72	
10	194 688	495.5	218 170 422 48	21 883	322.5	48 ½ 21 418 54	
			470			472 470	B.M. 208-76 U.S.C.&G.S. R 970 RESET
B.M. 208-	552 873			2396 652		942	FRONTAGE RD. 0.6 MI. S. of PARKER RD.
				552 873			SEE F.B. 3721-171
				1843 779 ?			

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 BM208-76 TO 208-75
B.M.208-76									B.M.208-76 (U.S.C.&G.S. R970 RESET
1	52	443	353 5	78 26 52	224	631	525 5	251 197 54	FRONTAGE RD. 0.6 MI. S. OF PARKER RD.
									SEE F.B. 3721-171
2	244	808	545 5	280 208 72 124	35	797	336 5	71 -1 72 126	
3	294	558	595 5	1/2 294 277 34 158	4	662	305 5	1/2 22 4 36 162	⊼ J. MALDONADO
4	288	331	589 5	303 273 30 188	4	286	305 5	1/2 21 4 34 196	
5	294	337	595 5	294 277 34 222	47	988	348 5	64 30 34 230	
6	259	343	560 5	294 224 70 292	106	997	407 5	137 75 62 292	
7	283	360	584 5	1/2 283 250 66 358	24	089	325 5	1/2 56 24 64 356	
8	288	752	589 5	1/2 288 252 72 430	25	088	326 5	1/2 59 25 68 424	
9	275	373	576 5	288 262 26 456	88	109	389 5	104 72 32 456	
10	190	469	491 5	196 184 12 468	75	945	376 5	81 69 12 468	
B.M.208-75								468	B.M.208-75
	2471	774			637	602		936	PARKER RD W. OF FRWY
	637	602							SEE F.B. 3721-169
	1834	172							

66° to 76° CLEAR

WEATHER LT. WIND INST. NO. 96716

TIME 9:00 TO ROD NO. 9819

NOTES CHKD [illegible] DATE APR 14 68

F.B. 2475 PG. 102 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVELNET

SURVEY BY DREIER NOTES G.E. DREIER 4-10-69

INDEXED H. E. OTT DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RERUN				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 208-75 TO 208-76
B.M. 208-75									B.M. 208-75
1	122	531	423 5	140 104 36	184	949	485 5	203 165 38	PARKER RD. & FRWY., S.W. COR.
									SEE F.B. 3721-169
2	97	237	398 5	117 77 40	217	129	518 5	240 194 46	
								84	
3	64	191	365 5	81 47 34	299	718	600 5	299 ½ 282 34	RERUN
				76				118	
4	9	216	310 5	126 ½ 9 34	255	211	556 5	270 240 30	J. MALDONADO
				110				148	
5	19	256	320 5	153 ½ 19 68	208	076	509 5	239 177 62	
				144				210	
6	91	360	392 5	120 62 58	296	671	597 5	296 ½ 267 58	
				212				268	
7	23	909	324 5	37 9 28	276	788	577 5	290 262 28	
				270				296	
8	10	218	311 5	127 ½ 10 34	298	311	599 5	298 ½ 281 34	
				298				330	
9	20	550	321 5	34 6 28	256	421	557 5	271 241 30	
				332				360	
10	69	567	370 5	97 41 56	220	592	521 5	249 191 58	
				360				418	
11	125	098	426 5	144 106 38	120	779	421 5	137 103 34	
				416				452	
12	234	225	535 5	247 221 26	86	763	387 5	100 72 28	
				454				480	
				480				480	
						408		960	
	887	358			2721	408			B.M. 208-76 (U.S.C.&G.S. R 970 RESET)
					887	358			FRONTAGE RD. 0.6 MI. S. of PARKER RD.
B.M. 208-76					1834	050			SEE F.B. 3721-171

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-11-69

INDEXED H.E. OTT DATE [illegible] 25 '69

WEATHER 77° CLEAR LT. WIND

TIME 1:00 TO

NOTES CHKD. [illegible] DATE

INST. NO. 96716

ROD NO. 9819

F.B. 2475 PG. 103

76P526 CE # 308 3-65

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 S.E. Dreier
NOTES BY Malfenzo
INDEXED H.E. OTT
DATE 4-7-69
DATE 4-25-69
WEATHER Sunny & Breezy
TIME 11:30 to 12:00
NOTES CHKD. [illegible]
DATE [illegible]
INST. NO. 96716
ROD NO. 9819
T-72
F.B. 2475 PG. 105

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM 208-76 TO 208-77
BM 208-76											BM. 208-76 (U.S.C.&G.S. R970 RESET)
				130					138		FRONTAGE RD, 0.6 MI. S. of PARKER RD
1	109 615	410	5	88	42	112 793	413	5	91	42	SEE F.B. 3721-171
				186					306		
2	154 502	455	5	122	64	273 890	574	5	240	66	
				32 ½	106				299 ½	108	
3	10 525	311	5	10	44	299 613	600	5	277	44	
				23 ½	150				285 ½	152	
4	4 781	305	5	4	38	266 667	567	5	246	39	K-Dreier
				166	188				180	191	
5	125 166	426	5	85	81	140 398	441	5	100	80	
				192	269				286 ½	271	
6	159 010	460	5	126	66	286 792	587	5	252	68	
				63	335				211	339	
7	41 763	342	5	18	45	191 777	492	5	170	41	
				159	380				156	380	
8	157 357	458	5	156	3	154 288	455		152	384	
				383						384	
										383	
										767	
	762 719					726 218					
						762 719					
						963 499					
BM 208-77											BM 208-77 (U.S.C.&G.S. W370 RESET)
											Frontage Rd. (U.S. Hwy. 99) 1.2 mi
											S. of Parker Rd.
											See F.B. 3721-173

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 208-77 TO BM 208-76
BM 208-77									BM 208-77 (U.S.C.&G.S. W-370 RESET) Frontage Rd., (U.S. Hwy. 99) 1.1 mi. So. of Parker Rd. See F.B. 3721-173
1	162	462	463 5	183 / 140 43	3 / 27	432 / 415	328 5	49 / 6 43	
2	273	661	574 5	1273 / 2237 72 / 115	147	960	448 5	184 / 110 74 / 117	
3	142	885	443 5	182 / 102 80 / 195	110	341	411 5	148 / 72 76 / 193	
4	300	402	601 5	300 / ½276 48 / 243	21	128	322 5	44 / -2 46 / 239	π = DREIER
5	299	438	600 5	299 / ½280 38 / 281	3	281	304 5	23 / 3 40 / 279	
6	260	731	561 5	300 / 220 80 / 361	222	711	523 5	263 / 181 82 / 361	
7	127	757	428 5	139 / 115 24 / 385	163	992	464 5	175 / 151 24 / 385	
8	151	202	452 5	156 / 146 10 / 395	58	348	359 5	63 / 53 10 / 395	
								395	
								790	
1	1718	538			755	176			
	755	176							
	+963	362							
BM 208-76									BM 208-76 (U.S.C.&G.S. R-970 RESET) Frontage Rd. (U.S. Hwy. 99) 0.6 mi. So. of Parker Rd. See F.B. 3721-171

T-64°

WEATHER OVERCAST INST. NO. 96716

TIME 2:50 TO 3:20 ROD NO. 9819

NOTES CHKD [illegible] DATE APR 14 '69

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-9-69

INDEXED H. E. OTT DATE

F.B. 2475 PG. 106

76P526 CE # 308 3-65

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 4-7-69
INDEXED H. E. OTT DATE JUL 25 '69
WEATHER Sunny & Clear
TIME 1:05 to 1:40
NOTES CHKD. [illegible] DATE
INST. NO. 96716
ROD NO. 9819
F.B. 2475 Pg. 107
T-74°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS
											FROM BM 208-77 TO BM 208-78
BM 208-77											BM 208 77 (U.S.C.&G.S. W-370 RESET)
				149					252		Frontage Rd. (U.S. Hwy 99) 1.1 mi.
1	120	882	421 5	91	58	218	068	519 5	185	67	So. of Parker Rd.
				156					225		See F.B. 3721-173
2	121	728	422 5	86	70	190	531	491 5	155	70	
		035		204	128				160	137	
3	160	~~46~~	461 5	116	88	120	041	421 5	79	81	
				179	216				293 1/2	218	
4	147	831	448 5	115	64	293	608	594 5	263	60	T-Dreier
				155	280				219	278	
5	117	219	418 5	79	76	179	618	480 5	140	79	
				157	356				217	357	
6	145	810	446 5	133	24	205	313	506 5	193	24	
					380 ✓					381 ✓	
										380 ✓	
	813	503 ✓				1207	179 ✓			761 ✓	
						813	503 ✓				
						393	674 ✓				
BM 208-78											BM 208-78
											Frontage Rd. (U.S. Hwy. 99) 1.55 mi.
											So. of Parker Rd.
											See F.B. 3721-175

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 208-78 TO BM 208-77
B.M. 208-78									B.M. 208-78
1	216	502	517 5	252 181 71	149	162	448 5	182 111 71	FRONTAGE RD. 1.55 MI. S. OF PARKER RD.
2	216	610	517 5	247 185 62	31	448	332 5	62 0 62	SEE F.B. 3721-175
				133				133	
3	150	496	451 5	190 110 80	211	358	512 5	251 171 80	
				213				213	
4	178	760	479 5	214 142 72	126	636	427 5	161 91 70	π = DREIER
				285				283	
5	192	202	493 5	219 165 54	100	758	401	128 72 ~~140 94~~ 56	
				339				339	
6	187	308	488 5	207 167 40	131	312	432	151 111 40	
				379				379	
								379	
B.M. 208-77	1141	878			~~750~~ 748	674		758	B.M. 208-77 (U.S.C. & G.S. RESET W-370)
	748	674							FRONTAGE RD. 1.1 MI. S. OF PARKER RD.
	+393	204							SEE F.B. 3721-173

T-62°

WEATHER OVERCAST INST. NO. 96716

TIME 2:20 TO 2:50 ROD NO. 9519

NOTES CHKD [illegible] DATE APR 14 69

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-9-69

INDEXED H. E. OTT DATE

F.B. 2475 Pg. 108

76P526 CE # 308 3-65

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 BM208-77 TO BM208-78
BM208-77									BM208-77 (U.S.C.&G.S. W-370 RESET) Frontage Rd, 1.1 mi. S. of Parker Rd. See F.B. 3721-173
1	123	012	424 5	150 / 96 54	208	784	509 5	237 / 179 58	
2	97	178	398 5	137 / 57 80	192	950	493 5	231 / 153 78	
3	152	288	453 5	192 134 / 112 80	107	532	408 5	143 136 / 71 72	
4	163	000	464 5	197 214 / 129 68	297	433	598 5	297 208 / 260 (2) 74	Re-Run
5	100	726	401 5	138 282 / 63 75	167	417	468 5	206 282 / 128 78	
6	149	140	450 5	161 357 / 137 24	204	585	505 5	216 360 / 192 24	R-Dreier
				381				384	
								381	
	785	344			1178	701		765	
					785	344			
					393	357			
BM208-78									BM208-78 Frontage Rd, (Hwy 99) 1.55 mi. S. of Parker Rd @ Ranch House Cafe. See F.B. 3721-175

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 4-11-69

INDEXED H. E. OTT DATE [illegible]

WEATHER Sunny & Breezy INST. NO. 96716

TIME 2:05 to 2:30 ROD NO. 9819

NOTES CHKD. [illegible] DATE [illegible]

T-74°

F.B. 2475 PG. 109

76P526 CE # 308 3-65

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. Dreier
NOTES BY Mahlmann
INDEXED H. E. Ott
DATE 4-7-69
DATE 11 2 59
WEATHER Sunny & Clear
TIME 1:40 to 1:55
NOTES CHKD
DATE
INST. NO. 96711
ROD NO. 9819
F.B. 2475 Pg. 111
T-74°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-78 TO ~~BM 205-13~~
BM 208-78									BM 208-78
				223				245	Frontage Rd. (U.S. Hwy. 99) 1.55
1	191 912		420 5	159 64	212 579		513 5	179 66	mi. So. of Parker Rd.
				66				265	See F.B. 3721-175
2	26 500		327 5	26 ½ 80	224 343		525 5	183 82	
				118 144				258 148	
3	81 859		382 5	43 75	221 256		522 5	184 74	
				104 219				180 222	
4	121 ~~41~~ 555		422 5	106 26	168 711		469 5	156 24	K-Dreier
				245				246	
4			5					245	
	421 826				826 889			991	
					421 826				
					405 063				
									BM 205-13
BM ~~208-79~~									~~BM 208-79A~~ (U.S. E&G.S. V-370 ~~RT-OLD~~)
									Frontage Rd. (U.S. Hwy. 99) ~~1.63 mi.~~
									~~1.85 mi. So. of~~ FIRE STATION.
									See F.B. ~~3719-263~~

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 BM205-13 TO BM208-78
BM205-13									BM205-13 (U.S.C.&G.S. V-370)
									Frontage Rd. (U.S. Hwy. 99) AT OLD ~~2.5 mi.~~
1	160	841	461 5	160 ½ 136 48	88	845	389 5	112 64 48	~~L.A. CO. Parker Rd.~~ FIRE STATION.
									See F.B. ~~3721 177~~ 3719-263
2	244	436	545 5	288 200 88 136	81	786	382 5	125 36 89 137	
3	292	095	593 5	292 ½ 250 84	94	855	395 5	136 52 84 221	
									π = DREIER
4	162	132	463	174 150 220 24 244	189	070	490 5	200 177 23 244	
5			5					244	
	859	504			454	556		488	
	454	556							
	+404	948							
BM208-78									BM 208-78 FRONTAGE RD. 1.55 MI. S. OF PARKER RD. SEE F.B. 3721-175

T-66°

WEATHER OVERCAST INST. NO. 98716
TIME 2:00 TO 2:20 ROD NO. 9819
NOTES CHKD [signature] DATE

JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Dreier NOTES Maldonado 4-9-69
INDEXED H. E. OTT DATE

F.B. 2475 PG. 112

76P526 CE # 308 3-65

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	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM BM 205-~~78~~ 79 TO BM 208-~~80~~ 79
BM ~~205-78~~ 205-79											BM 205-~~18~~ 79 (U.S.C.&G.S. V370 1953)
				177					174		Frontage Rd. (U.S. Hwy. 99) ~~2.3~~
1	164 872	465	5	151	26	161 342	462	5	148	26	mi. S. of Parker Rd.
				155					252		See F.B. 3719 - ~~177~~? 263
2	112 000	413	5	69	86	209 953	510	5	166	86	
				145	112				245	112	
3	108 210	409	5	70	75	209 904	510	5	173	72	
				116	187				283	184	
4	71 933	372	5	26	90	283 704	584	5	235	96	T-Dreier
				157	277				235	280	
5	117 357	418	5	77	80	196 490	497	5	157	78	
				161	357				207	358	
6	153 547	454	5	145	16	199 048	500	5	191	16	
					373					374	
7			5							~~373~~	
	727 919					1260 491				947	
						727 919					
						532 572					
BM 208-79											BM 208-79
											Frontage Rd. (U.S. Hwy. 99)
											2.3 mi. S. of Parker Rd.
											See F.B. 3721-177

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

SURVEY BY G.E. Dreier

NOTES BY M. Lomardo DATE 4-7-69

INDEXED H. E. OTT DATE 11-25-69

WEATHER Sunny & clear TIME 2:00 to

NOTES CHKD. DATE

T-74°

F.B. 2475 PG. 113

INST. NO. 96716

ROD NO. 98119

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 208-79 TO B.M. ~~208-78A~~ 205-13
B.M. 208-79									B.M. 208-79
1	266	860	567.5	1/2 266 222 88	97	265	398.5	141 53 88	FRONTAGE RD. 2.3 MI. S. OF PARKER RD.
2	292	692	593.5	1/2 292 247 90	98	755	391.5	142 54 88	SEE F.B. 3721-177
				178				176	
3	231	707	532.5	276 186 90	123	727	424.5	170 76 94	
				268				270	π = DREIER
4	219	976	520.5	254 184 70	158	765	459.5	1/2 191 158 66	
				338 ✓				336 ✓	
B.M. ~~208-78A~~ 205-13								338	B.M. ~~208-78A~~ 205-13 (U.S.C. & G.S. V-370)
	1011	235 ✓			478	512 ✓		674	FRONTAGE RD. @ Former L.A. Co. Fire DEPT. STATION.
	478	512 ✓							SEE F.B. 3719-263
	+532	723 ✓							

T = 60°

F.B. 2475 Pg. 114 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-9-69

INDEXED H. E. OTT DATE

WEATHER OVERCAST INST. NO. 96716

TIME 1:30 TO 2:00 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE APR 14 69

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-79 TO B.M. 205-12A
B.M. 208-79									B.M. 208-79
1	190	373	491 5	224 / 156 68	59	738	360 5	93 / 25 68	FRONTAGE RD. 2.3 MI. S. of PARKER RD.
									SEE F.B. 3721-177
2	295	892	596 5	295 / ½ 273 44	4	121	305 5	125 / ½ 4 42	
				112				110	
3	269	259	570 5	298 / 240 58	133	989	434 5	161 / 105 56	
				170				166	⊼ J. MALDONADO
4	79	833	380 5	108 / 50 58	300	532	601 5	300 / ½ 274 52	
				228				218	
5	12	851	313 5	27 / ½ 12 30	300	758	601 5	300 / ½ 284 32	
				258				250	
6	42	221	343 5	53 / 31 22	299	816	600 5	299 / ½ 283 32	
				280				282	
7	14	718	315 5	34 / ½ 14 40	183	142	484 5	202 / 164 38	
				320				320	
8	100	248	401 5	144 / 56 88	77	140	378 5	118 / 36 82	
				408				402	
9	225	083	526 5	251 / 199 52	173	146	474 5	202 / 144 58	
				460				460	
10	157	109	458 5	159 / 155 4	163	460	464 5	164 / 162 3	(U.S.C.&G.S. M 52 1926 RESET 1967)
				464				463	
B.M. 205-12A								464	B.M. 205-12A
	1387	587			1695	842		927	FRONTAGE RD. & CASTAIC CR.
					1387	587			SEE F.B. 3719-262
					308	255			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 4-7-69 WEATHER CLEAR, COLD 81° TO 76° INST. NO. 96716
NOTES BY G.E. DREIER DATE 4-7-69 TIME 2:35 ROD NO. 9819
INDEXED H. E. OTT DATE 2 5 69 NOTES CHKD. [illegible] DATE
F.B. 2475 PG. 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. 2475 Pg. 116 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY PARTY NOTES G.E. DREIER 4-9-69

INDEXED H. L. OTT DATE

INST. NO. 96716

ROD NO. 9819

DATE

WEATHER OVERCAST 65°

TIME 12:50

NOTES CHKD.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM. 205-12A TO BM. 208-79
BM. 205-12A									BM. 205-12A (U.S.C.&G.S. M 52 1926
1	159	111	460 5	198 120 78	257	372	558 5	296 218 78	RESET 1967)
									FRONTAGE RD (OLD 99) & CASTAIC CR.
2	153	341	454 5	191 115 76	82	489	383 5	116 48 68	SEE F.B.
3	166	003	467 5	207 154 125 82	82	903	383 5	146 127 37 90	
4	205	519	506 5	242 236 168 74	110	761	411 5	236 146 74 72	A J. MALDONADO
5	182	489	483 5	310 216 148 68	105	081	406 5	308 140 70 70	
6	166	877	467 5	378 202 130 72	104	906	405 5	378 139 69 70	
7	159	542	460 5	450 170 148 22	121	459	422 5	448 132 110 22	
8	141	741	442 5	472 143 137 6	161	232	462 5	470 165 157 8	
				478				478	
BM 208-79								478	BM. 208-79
	1334 623				1026 203			956	FRONTAGE RD., 2.3 MI. S. OF PARKER RD.
	1026 203								SEE F.B. 3721-177
+	308 340 420								

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.205-12A TO B.M.208-80
B.M.205-12A									B.M.205-12A (U.S.C.&G.S. M-52)
1	104	462	405 5	131 77 54	229	667	530 5	256 202 54	FRONTAGE RD. & CASTAIC CREEK
									SEE F.B.
2	48	780	349 5	75 21 54	230	588	531 5	258 202 56	
				108				110	
3	67	038	368 5	116 18 98	238	300	539 5	287 189 98	
				206				208	
4	94	958	395 5	128 60 68	203	342	504 5	238 168 70	π = MALDONADO
				274				278	
5	127	767	428 5	158 96 62	138	288	439 5	168 108 60	
				336				338	
6	141	570	442 5	145 137 8	107	240	408 5	109 104 5	
				344 ✓				343 ✓	
								344 ✓	
B.M.208-80	584	575 ✓			1147	425 ✓		687	B.M.208-80
					584	575 ✓			FRONTAGE RD. & P.P.# 437364 E.
					-562	850 ✓			SEE F.B. 3721-179

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

SURVEY BY G. E. DREIER

NOTES BY SIEMANN DATE 4-8-69

INDEXED H. E. OTT DATE JUL 25 '69

WEATHER SUNNY-CLEAR INST. NO. 96716

TIME 9:20 TO 10:05 ROD NO. 9E19

NOTES CHKD. [illegible] DATE

F.B. 2475 Pg. 117

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 208-80 TO B.M. 205-12A
B.M. 208-80									B.M. 208-80
1	94	068	395 5	138 50 88	78	672	379 5	122 34 88	OLD U.S. 99 & P.P. 437364 E
									SEE F.B. 3721-179
2	184	599	485 5	221 147 74	91	263	392 5	126 56 70	
								158	
3	233	750	534 5	233 162 ½ 196 74	86	269	387 5	124 48 76	
				236				234	
4	227	082	528 5	254 200 54	62	681	363 5	88 36 52	
				290				286	
5	201	562	502 5	217 185 32	97	759	398 5	115 79 36	
				328				322	
6	156	326	457 5	167 145 22	117	986	418 5	128 106 22	
				344				344	
BM. 205-12A								344	B.M. 205-12A (U.S.C. & G.S. M 52 1926 RESET 1967)
	1097	387			534	630		688	FROTAGE RD. (OLD 99) & CASTAIC CR.
	534	630							SEE F.B.
	+ 562	757							

65°

WEATHER CLOUDY, LT. BR. INST. NO. 96716

TIME 10:55 ROD NO. 9869

NOTES CHKD [signature] DATE APR 14 '69

F.B. 2475 PG. 118 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R. REIER NOTES G.E. DREIER 4-9-69

INDEXED H. E. OTT DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208.80 TO B.M. 206.32
B.M. 208-80									B.M. 208-80
1	64	022	365 5	104 24 80	144	400	445 5	182 106 76	OLD U.S. 99 & P.P. 437 264 E
									SEE F.B. 3721-179
2	131	231	432 5	169 93 76	127	510	428 5	165 89 76	
				156				152	
3	133	750	434 5	174 92 82	136	327	437 5	179 93 86	
				238				238	
4	129	303	430 5	167 91 76	124	078	425 5	163 85 78	⊼ MALDONADO
				314				316	
5	127	777	428 5	168 86 82	171	589	472 5	212 130 82	
				396				398	
6	62	537	363 5	75 49 26	114	625	415 5	126 102 24	
				422				422	
B.M. 206-32								422	B.M. 206-32 (U.S. C.&G.S. U-370)
	648	620	✓		818	529	✓	844	CASTAIC JCT. & S.P.R.R.
					648	620	✓		SEE F.B.
					169	909	✓		

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

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

NOTES BY SIEMANN DATE 4-8-69 TIME 10.05 TO 10:45 ROD NO. 9819

INDEXED H. E. OTT DATE 2 5 69 NOTES CHKD. [illegible] DATE

F.B. 2475 PG. 119

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 206-32 TO B.M. 208-80
206-32									B.M. 206-32 (U.S.C. & G.S. U 370
1	223	879	524 5½	254 223 62	170	756	471 5	201 139 62	CASTAIC JCT.
									SEE F.B
2	146	900	447 5	180 112 68 130	124	237	425 5	159 89 70 132	
3	116	667	417 5	159 73 86 216	119	819	420 5	161 77 84 216	⊼ J. MALDONADO
4	122	159	423 5	159 85 74 290	108	651	409 5	144 72 72 288	
5	122	106	423 5	161 83 78 368	132	041	433 5	172 92 80 368	
6	179	351	480 5	206 152 54 422	85	699	386 5	111 59 52 420	✓
B.M. 208-80								422	B.M. 208-80
	911	062	✓		741	203	✓	842	OLD HWY 99 & HOWALL N. OF SAUGUS-VENTURA RD
	741	203	✓						
	+ 169	859	✓						SEE F.B. 3721-179

66° LT. BREEZE PART CLOUDY

WEATHER

INST. NO. 96716

TIME 11:30 TO

ROD NO. 9819

NOTES CHKD. [illegible]

DATE APR 1 1 69

F.B. 2475 PG. 120

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-9-69

INDEXED H. E. OTT DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 206-32 TO B.M. 208-81
B.M. 206-32									B.M. 206-32 (U.S.C.&G.S. U-370)
1	158	787	459 5	189 127 62	122	146	423 5	153 91 62	CASTAIC JCT. & S.P.R.R.
									SEE F.B.
2	177	361	478	217 137 80	117	665	418 5	158 76 82	
				142				144	
3	194	849	495 5	236 153 83	80	431	381 5	122 38 84	
				225				228	
4	221	599	522 5	266 176 90	102	277	403 5	147 57 90	
				315				318	π = MALDONADO
5	166	362	467 5	203 129 74	99	919	400 5	135 63 72	
				389				390	
6	281	305	582 5	1281 2239 84	182	513	483 5	224 1/2 182 84	
				473				474	
								473	
B.M. 208-81	1200	263			704	951		947	B.M. 208-81
	704	951							OLD U.S. 99 AT. HWY. STA. 52+60.40
+	495	312							SEE F.B. 3719-264

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 4-8-69

INDEXED H.E. OTT DATE [illegible]

WEATHER SUNNY-CLEAR INST. NO 96716

TIME 10:45 TO 11:30 ROD NO 9619

NOTES CHKD. [illegible] DATE

F.B. 2475 PG. 121

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2475 PG. 122 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-8-69

INDEXED H. E. OTT DATE

T = 70°

WEATHER WINDY INST. NO. 96716

TIME 2:35 TO 3:15 ROD NO. 9819

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-81 TO B.M. 206-32
B.M. 208-81									B.M. 208-81
1	193	823	494.5	223 163 60	182	882	483	213 151 62	OLD U.S. HWY. 99 @ STA. 52+60.40
									SEE F.B. 3719-264
2	60	421	361.5	91 29 62	234	198	535.5	265 203 62	
				122				124	
3	138	329	439.5	180 96 84	210	199	511.5	252 168 84	
				206				208	
4	121	288	422.5	153 89 64	225	232	526.5	257 193 64	
				270				272	
5	115	575	416.5	148 82 66	219	720	520.5	252 186 66	T = MALDONADO
				336				338	
6	165	217	466.5	194 136 58	201	591	502.5	231 171 60	
				394				398	
7	127	300	428.5	155 99 56	169	284	470.5	195 143 52	
				450				450	
8	121	172	422.5	131 111 20	95	335	396.5	106 84 22	
				470				472	
								470	
B.M. 206-32	1043	125			153	441		9.42	B.M. 206-32 (U.S.C.&G.S. U-370)
					1043	125			CASTAIC JCT. @ S.P.R.R.
					495	316			SEE F.B.

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.208-81 TO B.M.208-82
B.M.208-81									B.M.208-81
1	254	764	555 5	297 211 86	95	071	396 5	135 55 80	OLD U.S. HWY. 99 AT HWY STA. 52+60.40
									SEE F.B. 3719-264
2	202	808	503 5	238 166 72	104	258	405 5	140 68 72	
				158				152	
3	181	977	482 5	202 160 42	89	130	390 5	109 59 50	
				200				202	T = MALDONADO
4	159	176	460 5	163 155 8	168	868	469 5	173 163 10	
				208				212	
								208	
								420	B.M.208-82
B.M.208-82	798	725			457	327			OLD U.S. 99 @ HWY. STA. A-39+52
	457	327							SEE F.B. 3721-183
	+ 341	398							

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

SURVEY BY G. E. DREIER

NOTES BY SIEMANN DATE 4-8-69

INDEXED H. E. OTT DATE JUL 25 69

WEATHER SUNNY - CLOUDY INST. NO 96716

TIME 11:30 TO 11:45 ROD NO. 9 #19

NOTES CHKD [illegible] DATE

F.B. 2475 Pg. 123

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 B.M. 208-82 TO B.M. 208-81
B.M. 208-82									B.M. 208-82
1	111	352	412.5	137 85 52	202	493	503.5	239 175 64	OLD 99 & HWY. STA. A-39+52
									SEE F.B. 3721-183
2 ?	103	821	404.5	133 73 60	224	721	525.5	254 194 60	
	131	226	432.5	150 112 ~~165~~ 112	146	003	447.5	165 127 ~~150~~ 114	
X 3	~~146~~	~~003~~	~~447.5~~	~~127~~ 38	~~131~~	~~226~~	~~432.5~~	~~112~~ 38	
				150				152	π = MALDONADO
4	117	836	418.5	141 93 48	232	394	533	256 208 48	
				198				200	
								198	
B.M. 208-81	~~479~~	~~012~~			~~790~~	~~834~~		398	B.M. 208-81
	464	235			~~479~~	~~012~~			OLD U.S. 99 @ STA. 52+60.40
					~~3~~	~~1822~~			SEE F.B. 3719-264
					805	611			
					464	235			
					341	376			

F.B. 2475 Pg. 124 JOB NO. 03 01.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-8-69

INDEXED H. E. OTT DATE

WEATHER WINDY INST. NO. 96716

TIME 2:20 TO 2:35 ROD NO. 94E

NOTES CHKD [illegible] DATE APR 14 69

T = 74°

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. Dreier
NOTES BY Maldonado DATE 4-8-69
INDEXED H. E. OTT DATE JUL 25 '69
WEATHER Sunny & Breezy
TIME 1:15 to
NOTES CHKD. [illegible] DATE [illegible]
F.B. 2475 PG. 125
INST. NO. 96716
ROD NO. 9519

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM208-82 TO BM208-83
BM208-82									BM208-82
				263				103	Old U.S. Hwy. 99, @ Hwy. Sta. A39+52.
1	220	304	521 5	177 86	61	338	362 5	19 84	See F.B. 3721-183
				272				125	
2	232	630	533 5	192 80	84	443	385 5	43 82	
				166				166	
3	183	760	484 5	231 135 96	80	490	381 5	128 32 96	X-Siemann
				262				262	
4	188	622	489 5	220 156 64	100	085	401 5	132 68 64	
				326				326	
5	205	840	506 5	232 178 54	91	302	392 5	118 64 54	
				380				380	
6	247	646	548 5	275 219 56	64	243	365 5	93 35 58	
				436				438	
7	158	060	459 5	164 152 12	140	530	441 5	146 134 12	
				448				450	
8	154	280	455 5	157 151 6	160	431	461 5	162 158 4	
				454				454	
								454	
	591	142			782	862		908	
	782	862							
	+808	280							
BM208-83									BM208-83
									Old U.S. Hwy. 99 & Undercrossing of the Santa Paula Branch Line of the S.P. R.R.
									See F.B. 3721-185

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 BM208-83 TO BM208-82
BM208-83									BM208-83
				138				240	Old U.S. Hwy. 99 & Undercrossing of
1	117	078	418 5	96 42	219	379	520 5	198 42	the Santa Paula Branch Line
				101				272	of the S.P.R.R.
2	69	008	370 5	37 64	240	213	541 5	208 64	See F.B. 3721-185
				128 106				236 106	
3	95	548	396 5	62 66	203	733	504 5	170 66	
				157 172				271 172	
	119	220	420 5	81 76	236	248	537 5	201 70	K-Siemann
4				169 248				252 242	
	139	010	440 5	109 60	220	380	521 5	188 64	
5				127 308				254 306	
6	89	765	390 5	51 76	216	713	517 5	178 76	
				133 384				179 382	
7	108	509	409 5	83 50	154	841	455 5	129 50	
				153 434				208 432	
8	144	139	445 5	135 18	199	270	500 5	190 18	
				452				450	
								452	
	882	277			1690	777		902	
					882	277			
					808	500			
BM208-82									BM208-82
									Old U.S. Hwy. 99 & Hwy. Sta. 39+52
									See F.B. 3721-183

T-74°

WEATHER Sunny & Breezy INST. NO. 96716

TIME 150 to ROD NO. 9819

NOTES CHKD. [illegible] DATE [illegible]

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-8-69

INDEXED H. E. OTT DATE

F.B. 2475 PG. 126

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM208-83 TO BM208-84
BM 208-83									BM 208-83 (S.P.Co. RV 64)
				243				133	Old U.S. Hwy. 99 undercrossing of
1	219	788	520 5	195 48	110	000	411 5	86 47	S.P.R.R. @ Bridge No. 445.68
				171				53	See F.B. 3721-185
2	167	542	468 5	163 8	49	425	350 5	45 8	
				56				55	
	387	330						56	
	~~[illegible]~~				+159	425		111	
	159	425							
	~~+126821~~								T-Siemann
	+227905								
BM 208-84									
BM208-84									BM 208-84 (U.S.C.&G.S. Q-970) U.S. Hwy. Interstate No. 5 undercrossing of Santa Paula Branch Line of S.P.R.R. See F.B. 3721-187

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 4-14-69 WEATHER Sunny & Breezy TIME 1:40 to 3:45 ROD NO. 9819

INDEXED H. E. OTT DATE JL 25 NOTES CHKD [illegible] DATE [illegible]

T-74°

F.B. 2475 Pg. 127

INST. NO. 96716

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 208-84 TO BM 208-83
BM 208-84									BM 208-84 (U.S.C.&G.S. Q970) Along S.P.R.R., Santa Paula Brach Line @ U.S. Hwy. Interstate No. 5 undercrossing. See F.B. 3721-187
1	50	402	351 5	54 46 8	168	663	469 5	172 164 8	
2	111	899	412 5	134 88 46	221	702	522 5	245 197 48	
				54				56	
								54	
	162	301			390	365		110	T - Siemann
BM. 208-83					162	301			BM 208-83 (S.P. Co. RV 64) S.P.R.R. & OLD HWY SEE F.B. 3721-185
					228	064			
	RERUN 4-17-69 1:30 TO 1:40 TEMP 84° CLEAR LT. BREEZE								
BM. 208-84									
1	35	340	336 5	42 28 14	162	301	463 5	169 155 14	T MALDONADO
2	108	421	409 5	132 84 48	209	391	510 5	228 190 38	
				62				52	
BM. 208-83								62	
	143	761			371	692		114	
					143	761			
					227	931			
BM 208-83									BM 208-83 (S.P. Co. RV 64). Old U.S. Hwy. 99 undercrossing of S.P.R.R. @ Bridge No. 445.68 See F.B. 3721-185

T - 74°

WEATHER Sunny & Breezy INST. NO.

TIME 1:30 + 1:55 ROD NO.

NOTES CHKD [signature] DATE APR 21 '69

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-14-69

INDEXED H. E. OTT DATE

F.B. 2475 PG. 128

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM208-84 TO BM208-85
BM208-84									BM 208-84 (U.S.C.&G.S. Q-970)
				65				150	Along S.P.R.R.@ Santa Paula Branch
1	61	900	362 5	57 8	146	387	447 5	142 8	Line Undercrossing of U.S. Hwy.
				250				164	Interstate No. 5.
2	210	378	511 5	170 80	123	718	424 5	82 82	see F.B. 3721-187
				88				90	
								88	
	272	278			270	105		178	T-Siemann
	270	105							
	+ 2	173							
BM208-85									BM 208-85 (S.P. Co. R.V. 65)
									Along Santa Paula Branch Line
									of S.P.R.R. & 0.15 mi. E. of U.S.
									Interstate No. 5.
									See F.B. 3721-189

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 4-14-69 WEATHER Sonny & Breezy

INDEXED H. E. OTT DATE JUL 25 69 TIME 1:45 to 2:05 INST. NO. 96716

NOTES CHKD. [illegible] DATE ROD NO. 9819

T-74°

F.B. 2475 Pg. 129

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2475 PG. 130 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-8-69

INDEXED H.E. OTT DATE

WEATHER Sunny & Breezy INST. NO. 96716

TIME 1:20 to 1:25 ROD NO. 9819

NOTES CHKD DATE

T-74°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS
											FROM BM 208-85 TO BM 208-84
BM 208-85											BM 208-85
				170					234		Along S.P.R.R., Santa Paula
1	135 600	436 5		100	70	198 937	499 5		162	72	Branch Line, ~~@ & Under~~
											~~U.S. Hwy. Interstate No. 5~~
				146					84		
2	137 066	438 5		128	18	72 141	377 5		68	16	~~Bridge (Vert. BM)~~.
					88 ✓					78	, See F.B. 3721-189
										88	0.15 mi. E. of U.S. Hwy. Int. No. 5
	272.666 ✓					275078 ✓				166	Bridge.
						272 666 ✓					
						~~537744~~					
						- 0.02412 ✓					
											T- Siemann
		RERUN		4-17-69		1:15 TO			TEMP=84°. LT. BREEZE		
B.M. 208-85											
				161					222		
1	130 951	431 5		99	62	190 436	491 5		158	64	
									81		
2	128 211	429 5		141 115	26	70 868	371 5		59	22	
					88					86 ✓	
										88 ✓	
	259.162 ✓					261 304 ✓				174 ✓	
						259 162 ✓					
						- 2142 ✓					
											BM 208-84
											Along S.P. R.R., Santa Paula Branch
BM 208-84											Line Undercrossing of
											U.S. Hwy. Interstate No. 5
											See F.B. 3721-187

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM208-85 TO BM208-86
BM 208-85									BM208-85
				291				162	Along S.P.R.R., Santa Paula Branch
1	256	491	557 5	221 70	128	995	429 5	94 68	Line, 0.15 mi. E. of U.S. Hwy
				245				157	Interstate No. 5.
2	210	409	511 5	175 70	121	207	422 5	85 72	See F.B. 3721-189
				234 140				138 140	
3	199	500	500 5	164 70	103	615	404 5	68 70	
				156 210				297 210	
4	134	450	435 5	112 44	274	941	575 5	251 46	
				254 ✓				256 ✓	
								254	
	800	850 ✓			628	758 ✓		510	T-Siemann
	628	758 ✓							
	+172	092 ✓							
BM 208-86									BM208-86 (U.S.C.&G.S. T-370) Along S.P.R.R., Santa Paula Branch Line @ Bridge No. 446.16 See F.B. 3721-191

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-74°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 4-14-69 WEATHER Sunny & Breezy INST. NO. 96716
INDEXED H. E. OTT DATE JUL 23 69 TIME 2:05 to 2:35 ROD NO. 9 & 19
NOTES CHKD [illegible] DATE [illegible]

F.B. 2475 PG. 131

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 BM208-86 TO BM208-85
BM 208-86									BM 208-86 (USC&GS. T-370)
1	290	680	591 5	290 1, 252 2 70	189	725	490 5	224 154 90	Santa Paula Br. Line, SPRR. @
									Bridge # 446.16
2	116	441	417 5	150 82 68	211	241	512 5	244 178 66	see F.B. 3721-191
3	122	738	423 5	157 87 138 70	177	323	478 5	214 140 136 74	
4	106	617	407 5	128 84 208 44	230	258	531 5	251 209 210 42	
				252 ✓				252 ✓	X-Siemann
								252 ✓	
	636	476 ✓			808	547 ✓		504 ✓	
					636	476 ✓			
					-172	071 ✓			
BM 208-85									BM 208-85 (S.P.Co. RV65) Santa Paula Branch Line, S.P.R.R., 0.15 mi. E. of U.S. Hwy. Interstate No. 5

T-74"

WEATHER Sunny 80° INST. NO. 967K

TIME 1:00 to ROD NO. 9819

NOTES CHKD [signature] DATE APR 21 69

F.B. 2475 PG. 132 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY D. Meier NOTES Maldonado 4-14-69

INDEXED H. E. OTT DATE

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-74
SURVEY BY G.E. Drager
NOTES BY Mahernado
INDEXED H.E. OTT
DATE 4-14-69
DATE JUL 23 1969
WEATHER Sunny & Breezy
TIME 2:30 to 2:55
NOTES CHKD. [illegible]
INST. NO. 96216
ROD NO. 9419
DATE
F.B. 2475 PG. 133

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 208-86 TO BM 208-86A
BM 208-86									BM 208-86 (U.S.C.&G.S. T-370)
				304				80	Along S.P.R.R. Santa Paula Branch
1	270 583		571 5	236 68	46 701		347 5	12 68	Line @ Bridge No. 446.16
				182				130	
2	148 563		449 5	114 68	96 902		397 5	62 68	See F.B. 3721-191
				211 136				165 186	
3	177 820		478 5	143 68	129 191		430 5	93 72	
				224 204				145 208	
4	190 812		491 5	156 68	112 212		413 5	79 66	T-Siemann
				192 272				147 214	
5	167 568		468 5	142 50	122 138		423 5	97 50	
				166 322				157 324	
6	159 343		460 5	152 14	152 023		453 5	147 10	
				336 ✓				334 ✓	
								336 ✓	
	1114.689 ✓				659.167 ✓			670 ✓	
	659.167 ✓								
	+455.522 ✓								
									BM 208-86A (CM 52 1969)
									Saugus, N. of Henry Mayo Rd., 1.0 Ft.
BM 208-86A									N.W. of N.W. Cor. of Anchor Base to a
									36" Gas Pipe Line
									See F.B. 3721-192

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 BM208-86A TO BM208-86
BM208-86A									BM 208-86A (CM52, 1969)
				124				211	Saugus, 600 Ft.± N. from Henry
1	94	730	395.5	64 60	181	680	482.5	151 60	Mayo Dr., 1.0 Ft. N.W. of N.W.
				152				226	Cor. of Anchor Base to a 36"
2	121	716	422.5	90 62	195	522	496.5	164 62	Gas Pipe Line.
				173 122				232 122	see F.B. 3721-192
3	139	711	440.5	105 68	197	001	498.5	162 70	
				224 190				240 192	
4	202	002	503.5	180 44	218	452	519.5	196 44	
				200 234				209 236	
5	177	326	478.5	154 46	187	372	488.5	164 45	
				108 280				301 281	
6	90	841	391.5	72 36	301	849	602.5	284½ 34	K-Dreier
				316				315	
								316	
	826	326			1281	876		631	
					826	326			
					455	550			
BM208-86									BM 208-86 (U.S.C.&G.S. T-370)
									Along S.P.R.R. Santa Paula Br.
									Line @ Bridge No. 446
									see F.B. 3721-191

F.B. 2475 Pg. 134 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Drier NOTES Maldonado 4-17-69

INDEXED H. E. OTT DATE

WEATHER Sunny & clear INST. NO. 96716

TIME 11:35 to ROD NO. 9 & 19

NOTES CHKD [illegible] DATE APR 21 69

T-84°

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-86A TO BM 208-87
BM 208-86A									BM 208-86A (CM52 1968)
				203				144	Saugus, N. of Henry Mayo Rd.
1	171	352	472.5	139.64	111	739	412.5	78.66	1.0 Ft. N.W. of N.W. Cor. of
				228				184	Anchor Base to a 36" Gas
2	204	780	505.5	180.48	161	093	462.5	138.46	Pipe Line
				112				112	See F.B. 3721-192
								112	
								224	
	376	132			272	832			
	272	832							
	+ 103	300							
									T-Siemann
BM 208-87									BM 208-87 (S.C.E. Co. Brass Disk)
									Henry Mayo Dr. @ So. Calif. Edison
									Co. Powerline Crossing & Yard
									See F.B. 3721-193

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

SURVEY BY G.E. Dreier DATE 4-14-69 WEATHER Sunny TIME 3:05 to DIST. NO. 96744

NOTES BY Maldonado ROD NO. 669

INDEXED H.E. Ott DATE 5-2-69 NOTES CHKD DATE

T-Bro 7/74

F.B. 2475 PG. 135

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 208-87 TO BM 208-86A
BM208-87									BM 208-87 (S.C.E.Co.) (Brass Disk) Henry Mayo Dr., @ So. Calif. Edison Co. Power Line Crossing & Yard.
1	126	263	427 5	158 94 64	199	853	500 5	233 165 68	
2	146	570	447.0	170 122 48	176	302	477 5	200 152 48	See F.B. 3721-193
				112 ✓				116 ✓	
								112 ✓	
	272	833 ✓			376	155 ✓		228 ✓	
					272	833 ✓			
					+ 103	322 ✓			
									π - Dreier
BM208-86A									BM 208-86A (CM 52, 1969) Savgus, N. 600 Ft.± from Henry Mayo Rd., 1.0 Ft. N.W. of N.W. Cor. of Anchor Base of a 36" Gas Pipe Line see F.B. 3721-192

F.B. 2475 Pg. 136 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Drier NOTES Maldonado 4-17-69

INDEXED H. E. OTT DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 11:20 to 11:35 ROD NO. 9F19

NOTES CHKD [illegible] DATE APR 21 69

T—

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 208-87 TO BM 208-87A
BM 208-87									BM 208-87 (S.C.E. Co) (BD) Henry Mayo Dr., @ So. Calif. Edison Co. Powerline Crossing & Yard. See F.B. 3721-193
1	150	550	451	152 148 4	130	029	431 5	132 128 4 4	
	130	029							
	+20	521						8	
									⊼ - Siemann
BM 208-87A									BM 208-87A (S.C.E. Co. NL&E) Henry Mayo Dr. @ So. Calif. Edison Co. Power Line Crossing, OJ Et. N. of BM 208-87. see F.B. 3721-193

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-74
SURVEY BY G.E. Dreier WEATHER Sunny & windy INST. NO. 9671b
NOTES BY Maldonado DATE 4-14-68 TIME 3:15 to 3:20 ROD NO. 4219
INDEXED H.E. OTT DATE 2-5-69 NOTES CHKD. [illegible] DATE [illegible]
F.B. 2475 PG. 137

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 208-87A TO BM 208-87
BM 208-87A									BM 208-87A (S.C.E. Co. NL&F) Henry Mayo Dr. @ So. Calif. Edison Co. Power Line Crossing & Yard, 0.7 Ft. N. of BM 208-87
				127 ✓				148 ✓	
1	125	633	426 5	123 4	146	228	447 5	144 4	
								4	
					125	633 ✓		8	See F.B. 3721-193
					20	595 ✓			
									K. Dreier
BM 208-87									BM 208-87 (S.C.E. Co.) (Brass Disk) Henry Mayo Dr. @ So. Calif. Edison Co. Power Line Crossing & Yard. See F.B. 3721-193

T-84°

F.B. 2475 PG. 138 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-17-69

INDEXED H. E. OTT DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 11:15 ROD NO. 19

NOTES CHKD [illegible] DATE APR 21 '69

76P526 CE # 308 3-65

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 BM208-87A TO BM208-87B
BM 208-87A									BM 208-87A (S.C.E. Co. NL+F) Henry Mayo Dr. @ So. Calif. Edison Yard, 0.7 Ft. N. of BM 208-87. See F.B. 3721-193
1	197	267	498 5	223 170 53	180	091	481 5	206 153 53	
2	179	419	480 5	211 147 64	116	461	417 5	147 85 62	
3	149	822	450 5	182 116 127 66	127	612	428 5	161 93 115 68	
4	220	639	521 5	251 189 183 62	147	898	448 5	178 116 183 62	
5	186	304	487 5	216 156 245 60	113	610	414 5	192 84 245 58	π-Dreier
6	206	461	507 5	236 175 305 61	104	895	405 5	134 73 303 61	
				366 ✓				364 ✓	
								366 ✓	
	1139	912 ✓			790	567 ✓		730 ✓	
	790	567 ✓							
	+349	345 ✓							
BM 208-87B									BM 208-87B (W.D.R. CM53) CCEd. Tower # 0/6 See F.B. 3721-194

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 4-16-69
INDEXED H. E. OTT DATE 4 25 69
WEATHER Sunny & Clear
TIME 2:40 to 3:10
NOTES CHKD. [illegible] DATE [illegible]
T-84°
F.B. 2475 PG. 139
INST. NO. 96716
ROD NO. 9 & 19

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 208-87B TO 208-87A
BM 208-87B									BM 208-87B (D.W.R. CM 53)
				135				228	S.C.Ed. Tower # 0/6
1	107	630	408 5	79 56	199	505	500 5	170 58	
				140				243	See F.B. 3721-194
2	102	578	403 5	64 76	205	205	506 5	167 76	
				166 132				196 134	
3	122	670	423 5	79 87	153	083	454 5	109 87	
				140 219				219 221	
4	105	242	406 5	70 70	184	818	485 5	149 70	
				144 289				186 291	
5	124	495	425 5	103 41	166	321	467 5	146 40	
				141 330				143 331	π-Dreier
6	124	100	425 5	107 34	127	174	428 5	110 33	
				364				364	
								364	
	686	715			1036	106		728	
					686	715			
					349	391			
BM 208-87A									BM 208-87A (S.C.E. Co. NL+F) Henry Mayo Dr. @ So. Calif. Edison Co. Power Yard, 0.7 Ft. N. of BM 208-87 See F.B. 3721-193

T-84°

WEATHER Sunny & Clear INST. NO. 96716

TIME 2:03 to 2:40 ROD NO. 9819

NOTES CHKD [illegible] DATE APR 21 '69

JOB NO. 0301.02

SURVEY OF LA Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-16-69

INDEXED H. E. OTT DATE

F.B. 1475 PG. 140

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 208-87B TO 208-88
B.M. 208-87B									B.M. 208-87B (D.W.R. CM 53)
1	186	443	487 5	237 135 102	57	204	358 5	105 9 94	S.C. EDISON CO. TOWER 0/6
									SEE F.B. 3721-194
2	230	423	532 5	271 191 80	94	628	395 5	138 50 88	
				182				182	⊼ J. MALDONADO
3	157	592	459 5	191 123 68	139	174	440 5	172 106 66	
				250				248	
4	142	210	443 5	180 104 76	134	772	435 5	172 96 76	
				326				324	
5	160	570	461 5	180 140 40	106	529	407 5	127 85 42	
				366				366	
6	152	269	453 5	159 145 14	121	094	422	128 114 14	
				380				380	
								380	
	1039	507			653	401		760	
B.M. 208-88	653	401							B.M. 208-88 (U.S.C.&G.S.-S370 RESET 1964)
	+377	106							HENRY MAYO DR., W. OF NEWHALL AVE.
									SEE F.B. 3721-195

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-17-69

INDEXED H. E. OTT DATE 25

WEATHER CLEAR-CALM INST. NO. 96716

TIME 9:10 TO ROD NO. 9819

NOTES CHKD. [illegible] DATE [illegible]

F.B. 2475 PG. 141

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 208-88 TO 208-87B
B.M. 208-88									B.M. 208-88 (U.S.C.&G.S. S 370 RESET 1964
1	80	703	381 5	108 52 56	168	780	469 5	196 140 56	HENRY MAYO DR. W. OF NEWHALL AVE
									SEE F.B. 3721-195
2	136	621	437 5	172 100 72	146	138	447 5	181 111 70	
				128				126	
3	144	338	445 5	180 108 72	159	766	460 5	197 121 76	
				200				202	
4	84	615	385 5	128 40 88	225	071	526 5	268 182 86	
				288				288	
5	108	303	409 5	131 85 46	193	079	494 5	217 169 48	
	123	498		334				336	
6	~~123~~	~~498~~	424 5	144 102 42	161	733	462 5	181 141 40	
				376	✓			376	✓
								376	✓
	678	078	✓		1054	567	✓	752	✓
B.M. 208-87B					678	078	✓		B.M. 208-87B (D.W.R CM 53)
					376	489	✓		S.C.ED. TOWER # 0/6
									SEE F.B. 3721-194

81° TO 92° CLEAR

WEATHER LT. WIND INST. NO. 96716

TIME 1:35 TO 2:00 ROD NO. 9819

NOTES CHKD [signature] DATE 4-21-69

F.B. 2475 PG. 142 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-16-69

INDEXED H. E. OTT DATE

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER WEATHER CLEAR 84°
NOTES BY G. E. DREIER DATE 4-17-69 TIME 10:30 TO 10:55 INST. NO. 86716
INDEXED H. E. OTT DATE ~~[illegible]~~ NOTES CHKD [illegible] DATE ~~[illegible]~~ ROD NO. 9812
F.B. 2475 Pg. 43

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									From 208-88 To 208-87B
1	71	632	372	5	165	200	466	5	B.M. 208-88 (U.S.C.&G.S. S370 RESET 1964) HENRY MAYO DR., W. OF NEW HALL AVE. SEE F.B. 3721-195
2	141	301	442	5	142	239	443	5	
3	141	441	442	5	150	739	451	5	RERUN
4	141	572	442	5	225	321	526	5	J. MALDONADO
5	123	400	424	5	221	400	522	5	
6	94	942	395	5	186	486	487	5	
	714	288			1091	385			
					714	288			
BM 208-87B					377	097			B.M. 208-87B (D.W.R. CM 53 1969) S.C. EDISON CO. TOWER No. 0/6 SEE F.B. 3721-194

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER CLEAR-CALM 84° INST. NO. 96716

TIME 11:00 ROD NO. 9819

NOTES CHKD. DEF DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 208-87B TO
B.M. 208-87B									B.M. 208-87B (D.W.R. CM 53 1969)
1	181	700	4825	222 140 82	90	152	391 5	129 51 78	S.C. EDISON CO. TOWER # 0/6
									SEE F.B. 3721
2									
3									
4									
5									
6									

F.B. 2475 PG. 144 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY NOTES

INDEXED H.E. OTT DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 208-88 TO 208-89
B.M. 208-88									B.M. 208-88 (U.S.C.&G.S. - S370 RESET 1964)
1	153	663	454 5	188 118 70	75	772	376 5	108 42 66	HENRY MAYO DR., W. OF NEWHALL AVE
									SEE F.B. 3721-195
2	184	270	485 5	217 151 66 136	110	781	411 5	144 76 68 134	
3	195	208	496 5	223 167 56 192	145	249	446 5	174 116 58 192	
4	210	838	511 5	232 188 44 236	88	561	389 5	1/2 110 88 44 236	J. MALDONADO
								236	
	743	979			420	363		472	
	420	363							
	+323	616							B.M. 208-89 (L.A. CO. RD. DEPT. BL 2914)
B.M. 208-89									HENRY MAYO DR E. OF NEWHALL AVE.
									SEE F.B. 3721-197

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

SURVEY BY G. E. DREIER

NOTES BY G. E. DREIER DATE 4-15-69

INDEXED H. E. OTT DATE [illegible]

65 BLOWING DUST

WEATHER VERY WINDY INST. NO 96716

TIME 11:00 TO 11:20 ROD NO. 9819

NOTES CHKD. [illegible] DATE

F.B. 2475 PG. 145

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 208-89 TO 208-88
B.M. 208-89									B.M. 208-89 (L.A. Co. RD. DEPT BL 2914)
1	72	192	373 5	102 42 60	179	582	480 5	210 148 62	HENRY MAYO DR., E. OF NEWHALL AVE
									SEE F.B. 3721-197
2	112	780	413 5	142 82 60	200	436	501 5	230 170 60	
3	116	589	417 5	143 89 120 54	177	314	478 5	205 149 122 56	⊼ J. MALDONADO
4	100	439	401 5	130 70 174 60	168	338	469 5	199 137 178 62	
				234				240	
								234	
	402	000			725	670		474	
B.M. 208-88					402	000			B.M. 208-88 (U.S.C.&G.S. S 370 RESET 1964)
					323	670			HENRY MAYO DR., W. OF NEWHALL AVE.
									SEE F.B. 3721-195

F.B. 2475 PG. 146 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-16-69

INDEXED H. E. OTT DATE

82°

WEATHER CLEAR DIMINISH. WIND INST. NO. 96716

TIME 1100 TO 1:20 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE APR 21 69

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 208-89 TO 208-89A
B.M. 208-89									B.M. 208-89 (L.A. CO. RD. DEPT. BL 2914)
1	111	589	412 5	120 / 102 18	137	820	438 5	147 / 127 20	HENRY MAYO DR. E. OF ~~HANCOCK~~ NEWHALL AVE.
									SEE F.B. 3721-197
2	145	642	446 5	147 / 143 4	133	619	434 5	134 / 132 2	
				22				22	T J. MALDONADO
								22	
	257	231			271	439		44	
B.M. 208-89A					257	231			(~~CM 54~~ 1969)
					14	208			B.M. 208-89A (DEPT. WATER RESOURCES
									HENRY MAYO DR E OF NEWHALL AVE
									SEE F.B. 3721-196

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

SURVEY BY G.E. DREIER DATE 4-15-69 WEATHER VERY WINDY INST. NO. 96716

NOTES BY G.E. DREIER DATE 4-15-69 TIME 11:15 TO 11:20 ROD NO. 9819

INDEXED H. E. OIT DATE 4-25-69 NOTES CHKD. [illegible] DATE

F.B. 2475 PG. 147

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 208-89A TO 208-89
B.M. 208-89A									B.M. 208-89A (D.W.R. CM 54)
1	136	441	437 5	144 128 16	138	893	436 5	143 127 16	HENRY MAYO DR E. OF NEWHALL AVE
									SEE F.B. 3721-196
2	123	014	424 5	130 116 14	109	345	410 5	116 102 14	
				30				30	✓ ⊼ J. MALDONADO
B.M. 208-89								30	✓
	259	455 ✓			245	238 ✓		60	B.M. 208-89 (L.A. Co RD. DEPT
	245	238 ✓							SEE F.B. 3721-197
+	14	217 ✓							HENRY MAYO DR, E. OF NEWHALL AVE

F.B. 2475 PG. 148 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 4-16-69

INDEXED H. E. OTT DATE

WEATHER WINDY INST. NO. 96716

TIME 11:40 TO 11:50 ROD NO. 9819

NOTES CHKD [illegible] DATE APR 21 69

82°

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-89A TO 208-89B
B.M. 208-89A									B.M. 208-89A (D.W.R. CM-54 1969)
1	185	357	486 5	219 / 151 / 68	129	637	430 5	162 / 96 / 68	HENRY MAYO DR, E. OF NEWHALL AVE
									SEE F.B. 3721-196
2	176	162	477 5	207 / 145 / 62 / 130	128	682	429 5	160 / 96 / 64 / 132	
3	222	377	523 5	254 / 190 / 64 / 194	98	963	399 5	132 / 64 / 68 / 200	
4	186	219	487 5	217 / 155 / 62 / 256	106	084	407 5	138 / 74 / 64 / 264	
5	156	051	457 5	163 / 149 / 14 / 270	144	183	445 5	149 / 139 / 10 / 274	
6	168	200	469 5	174 / 162 / 12 / 282	135	115	436 5	139 / 131 / 8 / 282	
B.M. 208-89B								282 / 564	B.M. 208-89B (DEPT. W.R. CM 55 1969)
									HENRY MAYO DR. W. OF VALENCIA
	1094	366 ✓			742	664 ✓			SEE F.B. 3721-198
	742	664 ✓							
	+351	702 ✓							

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-15-69

INDEXED H.E. OTT DATE 11 25 69

WEATHER VERY WINDY 66° INST. NO. 96716

TIME 11:25 TO ROD NO. 9819

NOTES CHKD. [illegible] DATE

F.B. 2475 PG. 149

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 208-89B TO 208-89A
B.M. 208-89B									B.M. 208-89B (D.W.R. CM 55)
1	96	318	397 5	128 64 64	197	624	498 5	230 164 66	HENRY MAYO DR. W. OF VALENCIA BLVD
									SEE F.B. 3721-198
2	97	927	398 5	130 64 66 130	196	038	497 5	228 164 64 130	
3	102	491	403 5	138 66 72 202	195	572	496 5	231 159 72 202	⊼ J. MALDONADO
4	128	905	429 5	166 90 76 278	188	058	489 5	225 151 74 276	✓
								278	✓
	425	641	✓		777	292	✓	554	✓
B.M. 208-89A					425	641	✓		B.M. 208-89A (D.W.R CM 54)
					351	651	✓		HENRY MAYO DR E. OF NEWHALL AVE
									SEE F.B. 3721-196

F.B. 2475 PG. 150 JOB NO. 0301.02

SURVEY OF

SURVEY BY NOTES 4-16-69

INDEXED H. E. OTT DATE

81° CLEAR

WEATHER WINDY INST. NO. 96716

TIME 11:20 ROD NO. 9819

NOTES CHKD [illegible] DATE APR 21 69

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM208-89B TO BM208-~~89~~ 90
BM208-~~88~~ 89B									BM 208-89B (Dept. W.R. CMSS, 1969) Henry Mayo Rd., W. of Valencia
1	172	001	473 5	193 151 42	99	455	400 5	120 78 42	See F.B. 3721-198
2	186	345	487 5	200 172 28	125	213	426 5	139 110 29	
3	124	176	425 5	146 102 70 44	202	272	503 5	226 178 71 48	
4	118	957	419 5	134 102 114 32	43	681	344 5	57 29 119 28	K-Dreier
				146 ✓				147 ✓	
								146 ✓	
	601	479 ✓			490	621 ✓		293 ✓	
	470	621 ✓							
	+130	858 ✓							
BM208-~~89~~ 90									BM 208-~~89~~ 90 (Henry Mayo Dr., ~~350~~ 400 Ft. ~~W.~~ of ~~Newhall Ave.~~ Valencia Blvd. See F.B. 3721-199

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 4-15-69

INDEXED H. E. OTT DATE JUL 25 '69

WEATHER Sunny & Windy

TIME 1:30 to 1:45

NOTES CHKD. [illegible] DATE [illegible]

T-70°

F.B. 2475 Pg. 151

INST. NO. 96716

ROD NO. 9819

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 BM208-90 TO BM208-89B
BM208-90									BM208-90 (S.P. Co. RV-68)
				197				204	Henry Mayo Dr. 400± ~~Ft.~~ E of
1	161	420	462 5	161 2 72	168	392	469 5	132 72	Valencia Blvd.
				147				271	See F.B. 3721-199
2	110	744	411 5	73 ~~74~~	234	772	535 5	197 74	
				146				146	
3			5					146	
	272	164			403	164		292	
					272	164			π-Dreier
					~~675~~	~~328~~			
					131	000			
BM208-89B									BM 208-~~89~~ -89 B (DWR. CM 55) Henry Mayo Dr. 350 Ft.± N'ly. of ~~New Hall Ave.~~ VALENCIA BLVD. see F.B ~~3721-197~~ 3721-198

T-78°

WEATHER Sunny & Windy INST. NO. 96716

TIME 11:00 to ROD NO. 9819

NOTES CHKD [signature] DATE APR 21 '69

F.B. 2475 PG. 152 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-16-69

INDEXED H. E. OTT DATE 11 25 69

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 4-15-69

INDEXED H. E. OTT DATE JUL 25 68

WEATHER Sunny & Windy

TIME 1:50 to 2:20

NOTES CHKD. [illegible] DATE [illegible]

F.B. 2475 PG. 153

T-70°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA		DESCRIPTION AND REMARKS
											FROM BM208-~~89~~ 90 TO BM208-~~89A~~ 91
BM208-~~89~~ 90											BM208-~~89~~ 90
1	103	486	404 5	135 71	64	48	275	349 5	80 15	65	Henry Mayo Dr., ~~250~~ 400 Ft ± E. of ~~Newhall Ave~~ Valencia Blvd. See F.B. 3721-199
2	241	948	542 5	272 210	62	110	720	411 5	141 78	63	
3	205	616	506 5	225 186	126 39	151	243	452 5	171 132	128 39	
4	220	700	521 5	259 181	165 78	132	988	433 5	171 93	167 78	
					243					245	π-Dreier
										243	
	771	750				443	226			488	
B.M. 208-91	443	226									
	+328	524									
208-90	~~T-84~~ Sunny & Windy					Re-Run 4-17-69 2:30 to 2:55					
1	90	532	391 5	120 60	60	41	273	342 5	71 11	60	
2	178	038	479 5	202 154	48	89	800	390 5	114 64	50	
3	217	061	518 5	243 190	108 53	118	993	419 5	140 90	110 50	
4	230	999	531 5	270 190	161 80	138	145	439 5	178 98	160 80	(USC&GS. ~~T-52~~) (~~S.P. Co. RV 68~~) ~~1969~~
					241					240	
										241	BM208-~~89A~~ 90 (~~CM 54 Dept W.B.~~)
	716	630				388	218			481	Henry Mayo Dr. ~~400 Ft. E'ly of Valencia Blvd.~~ @ E. end of Bridge # 53-15
BM208-~~89A~~ 90	388	211									See F.B. 3721-~~199~~ 201
	+328	419									

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-91 TO BM 208-90
BM 208-91									BM 208-91 (U.S. & G.S. J-52)
				175				267	Henry Mayo Dr., @ E. End of
1	134	125	435 5	92 83	225	222	526 5	183 84	Bridge No 53-15
				127				241	See F.B. 3721-201
2	91	727	392 5	54 73	205	395	506 5	169 72	
				107 156				208 156	
3	89	963	390 5	79 28	193	600	494 5	179 29	
				94 184				113 185	
4	66	430	367 5	38 56	86	923	387 5	59 54	
				240				239	⊼ - Dreier
								240	
	382	245			711	140		479	
B.M. 208-90					382	245			
					328	895			
B.M. 208-91									
	T-84° Sunny & Clear			Re-Run 4-17-69				2:55 to	
				173				266	
1	133	685	434 5	94 79	226	870	527 5	186 80	
				141				229	
2	116	512	417 5	91 50	204	850	505 5	179 50	
				131 129				229 130	
3	105	798	406 5	79 52	203	654	504 5	177 52	
				119 181				64 182	
4	~~88~~	~~005~~	~~389 5~~	~~57 62~~	~~38~~	~~846~~	~~339 5~~	~~8 62~~	
	38	846	339 5	69 242	88	005	389 5	119 244	BM 208-90 (S.P. Co. RV-68)
BM 208-90								242	Henry Mayo Dr. 400± E. of
	~~444~~	~~000~~			~~674~~	~~220~~	723 379	486	Valencia Blvd.
	394	841			~~444~~	~~000~~	394 841		See F.B. 3721-199
					~~230~~	~~220~~	328 538		

T=78°

WEATHER Sunny & Clear INST. NO. 96716

TIME 10:40 to 11:00 ROD NO. 9819

NOTES CHKD [signature] DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-16-69

INDEXED H. E. OTT DATE

F.B. 2475 PG. 154

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM208-91 TO BM 60-42
BM 208-91													BM 208-91 (U.S.C.&G.S. J-52)
1					216						133		Henry Mayo Dr. @ E. end of
1	185	851	486	5	154	62	101	002	402	5	69	64	Bridge No. 53-15
													See F.B 3721-201
2	206	980	507	5	236 176	60	143	180	444	5	173 113	60	
					240	122					194	124	
3	209	193	510	5	178	66	163	029	464	5	132	62	
	206	049	507	5	248 ~~171~~	188					166 1/2	186	
4	~~131~~	~~676~~	~~432~~	~~5~~	~~91~~ 164	80	126	342	427	5	126 2	80	
						272						268	π - Dreier
							533	553				272	
												538	
	808	073											
	533	553											
	274	520											
BM 60-42													BM 60-42 (U.S.C.&G.S. 1171)
													Saugus S.P.R.R. Station
													See F.B. ~~3721~~ 2839-33

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

SURVEY BY C.E. Dreier

NOTES BY Maldonado DATE 4-15-67

WEATHER Sunny & Windy TIME 2:20 to 2:

NOTES CHKD. [illegible] DATE [illegible]

INST. NO. 96716

ROD NO. 9819

T-70°

F.B. 2475 PG. 156

H. E. OTT

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 60-42 TO BM 208-91
BM 60-42									BM 60-42 (U.S.G.S. 1171)
				143				226	Saugus S.P.R.R. Station.
1	107	571	408 5	72 71	190	113	491 5	154 72	see F.B. 2839-33
				150				187	
2	115	221	416 5	80 70	152	277	453 5	117 70	
				141				228 142	
3	106	347	407 5	71 70	192	764	493 5	156 72	
				140 211				208 214	
4	111	979	412 5	82 58	180	566	481 5	152 56	T-Dreier
				269				270	
								269	
	441	118			715	720		539	
					441	118			
					274	602			
									BM 208-91 (U.S.C.&G.S. J-52)
									Henry Mayo Dr. @ E. End of
									Bridge No. 53-15.
BM 208-91									see F.B. 3721-201

F.B. 2475 PG. 156 JOB NO. 0301.02

SURVEY OF L.A. Co Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-16-69

INDEXED H. E. OTT DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 10:20 to 10:40 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE

T - 82°

76P526 CE # 308 3-65

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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. DRESSER
NOTES BY E. DRESSER
DATE 4-15-69
WEATHER SUNNY & WINDY
TIME 2:45 to 3:30
INST. NO. 96716
ROD NO. 9219
T-68°
F.B. 2475 PG. 15
H.E. OTT
NOTES CHKD. H.E. OTT
DATE 4-16-69

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 60-42 TO BM 60-43A
BM 60-42									B.M. 60-42 (U.S.G.S. 1171) SAUGUS AT S.P. STATION SEE F.B. 2839-33
1	135 ~~184~~	895	436	5 168 102 66	213	745	514	5 246 180 66	
2	126	990	427	5 159 93 66 132	159	288	460	5 193 125 68 134	
3	117	904	419	5 150 84 66 198	198	102	499	5 232 164 68 202	J. MALDONADO
4	86	836	387	5 118 54 64 262	189	802	490	5 221 157 64 266	
5	109	249	410	5 142 76 66 328	194	598	495	5 229 160 69 335	
6	110	470	411	5 149 71 78 406	184	189	486	5 221 149 72 407	
7	129	481	430	5 143 115 28 434	150	298	451	5 164 136 28 435	
8	135	839	436	5 142 128 14 448	141	157	442	147 135 12 447 448	
B.M. ~~208 48A~~ 60-43A	~~952 664~~ 952 664				1431 179 ~~952 664~~ ~~409 515~~ 952 664 − 478 515			895	60-43A (ROD B.M.) 1961 B.M. ~~208 48A~~ (U.S.C.&G.S. C 1148) BOUQUET CNRD OPPOSITE SAUGUS SCHOOL ~~SEE F.B. 3719-195~~

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 60-43A TO 60-42
B.M. 60-43A									B.M. 60-43A U.S.C&G.S. C 1148 1961
1	152	930	453 5	152 ½ 134 36	132	877	433 5	149 115 34	BOUQUET CN. RD. OPPOS. SAUGUS SCHOOL
									SEE F.B. 3719-195
2	182	191	483 5	217 149 68	118	719	419 5	153 83 70	
				104				104	
3	193	016	494 5	229 157 072	84	974	385 5	120 48 72	
				176				176	⊼ J. MALDONADO
4	169	539	470 5	207 131 76	102	913	403 5	139 65 74	
				252				250	
5	195	288	496 5	230 160 70	87	894	388 5	123 51 72	
				322				322	
6	165	219	466 5	200 130 70	134	901	435 5	168 100 68	
				382				390	
7	185	355	486 5	196 174 22	149	485	450 5	159 139 20	
				414				410	
8	206	308	507	223 189 34	159	064	460 5	176 142 34	
				448				444 ✓	
								448 ✓	
	~~1449~~	~~846~~			9~~4~~7	0 627		~~888~~ 892 ✓	
	~~970~~	~~627~~							
BM. 60-42	~~409~~	~~219~~							B.M. 60-42 (U.S.G.S. 1174
	~~479~~								SAUGUS, AT S.P. STATION
	1449	846 ✓							SEE F.B. 2839-33
	970	627 ✓							
	+ 479	219 ✓							

F.B. 2475 PG. 158 JOB NO. 0301.02
SURVEY OF L.A. Co PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER 4-16-69
INDEXED H. E. OTT DATE
WEATHER LT WIND 25° CLEAR
TIME 9:45 TO
NOTES CHKD [illegible]
INST. NO. 916716
ROD NO. 989
DATE APR 21 '69

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 60-42 TO 60-43A
B.M. 60-42									B.M. 60-42 (U.S.G.S 1171)
1	133	940	434 5	165 / 101 64	201	133	502 5	231 / 171 60	SAUGUS, AT S.P. STATION
									SEE F.B. 2839-33
2	123	069	424 5	154 / 92 62	158	603	459 5	190 / 126 64	
				126				124	
3	131	807	432 5	160 / 102 58	189	311	490 5	221 / 157 64	RERUN
				184				188	
4	76	191	377 5	105 / 47 58	169	127	470 5	195 / 143 52	T J. MALDONADO
				242				240	
5	116	475	417 5	142 / 90 52	191	209	492 5	219 / 163 56	
				294				296	
6	105	498	406 5	131 / 79 52	182	850	483 5	211 / 153 58	
				346				354	
7	137	263	438 5	160 / 114 46	178	203	479 5	200 / 156 44	
				392				398	
8	110	501	411 5	141 / 79 62	143	417	444 5	171 / 115 56	
				454				454	
								454	
	934	744			1413	853		908	
B.M. 60-43A					934	744			B.M. 60-43A (U.S.C.&G.S. C 1148 ~~X 898 1953~~
					479	109			BOUQUET CN RD. OPPOSITE SAUGUS SCHOOL
									SEE F.B. 3719-195

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-18-69

INDEXED H. E. OTT DATE JUL 25 '69

WEATHER CLEAR WINDY 69°

TIME 10:30 TO 11:15

NOTES CHKD. [illegible] DATE

INST. NO. 96716

ROD NO. 9819

F.B. 2475 PG. 159 ~~160~~

76P526 CE # 308 3-65

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 60-~~208~~-43A TO 60-43
B.M. ~~208~~-43A 60					147						166		B.M. ~~208~~-43A (U.S.C&G.S. C1148) 60
1	137	196	438	5	127	20	156	359	457	5	146	20	
					151						90		BOUQUET CN. RD. OPPOSITE SAUGUS SCHOOL
2	147	269	448	5	143	8	86	573	386	5	82	8	SEE F.B. 3719-195
						28						28	✓
												28	✓
	284	465	✓				242	932	✓			56	
B.M. 60-43	242	932	✓										
	+ 41	533	✓										
													B.M. 60-43 (U.S.C&G.S. X898 1955)
													BOUQUET CN. RD. OPPOS. SAUGUS SCHOOL
													SEE F.B. 2839-34

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-16-69 WEATHER 72° CLEAR LT. WIND TIME 8:30 TO 9:35 INST. NO. 96716 ROD NO. 984

INDEXED H.E. OTT DATE 4-25-69 NOTES CHKD. DATE

F.B. 2475 Pg. 16

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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INST. NO. 96716
ROD NO. 2819
DATE
WEATHER CLEAR LT. WIND 73°
TIME 9:35 TO 9:45
NOTES CHKD

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 60-43 TO 60-43A
B.M. 60-43									B.M. 60-43 (U.S.C&G.S X898 1955) BOUQUET CNRD. OPPOSITE SAUGUS SCH.
1	83	887	3845	87 ~~79~~ 8	144	578	4455	148 140 8	SEE F.B. 2839-34
2	159	927	4605	169 149 20 28	140	758	441.5	150 130 20 28 28	
	243	814			285	336		56	
B.M. 60-43A					243	814			B.M. 60-43A BOUQUET CN. RD. OPPOS. SAUGUS SCHOOL SEE F.B. 3719-195
					41	522			

F.B. 2475 PG. 162
JOB NO. 0301.02
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER 4-16-69
INDEXED H. E. OTT DATE

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET
Map No.	Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes Date 4-69
Date	Indexed H. E. OTT

F.B. 2475 Pg. 163

JOB NO. 0301.02

L.A. CO. PRECISE LEVEL NET

1968 RELEVELING, LINE 201

FROM SAUGUS TO VINCENT

DREIER
MALDONADO
SIEMANN
STROUD
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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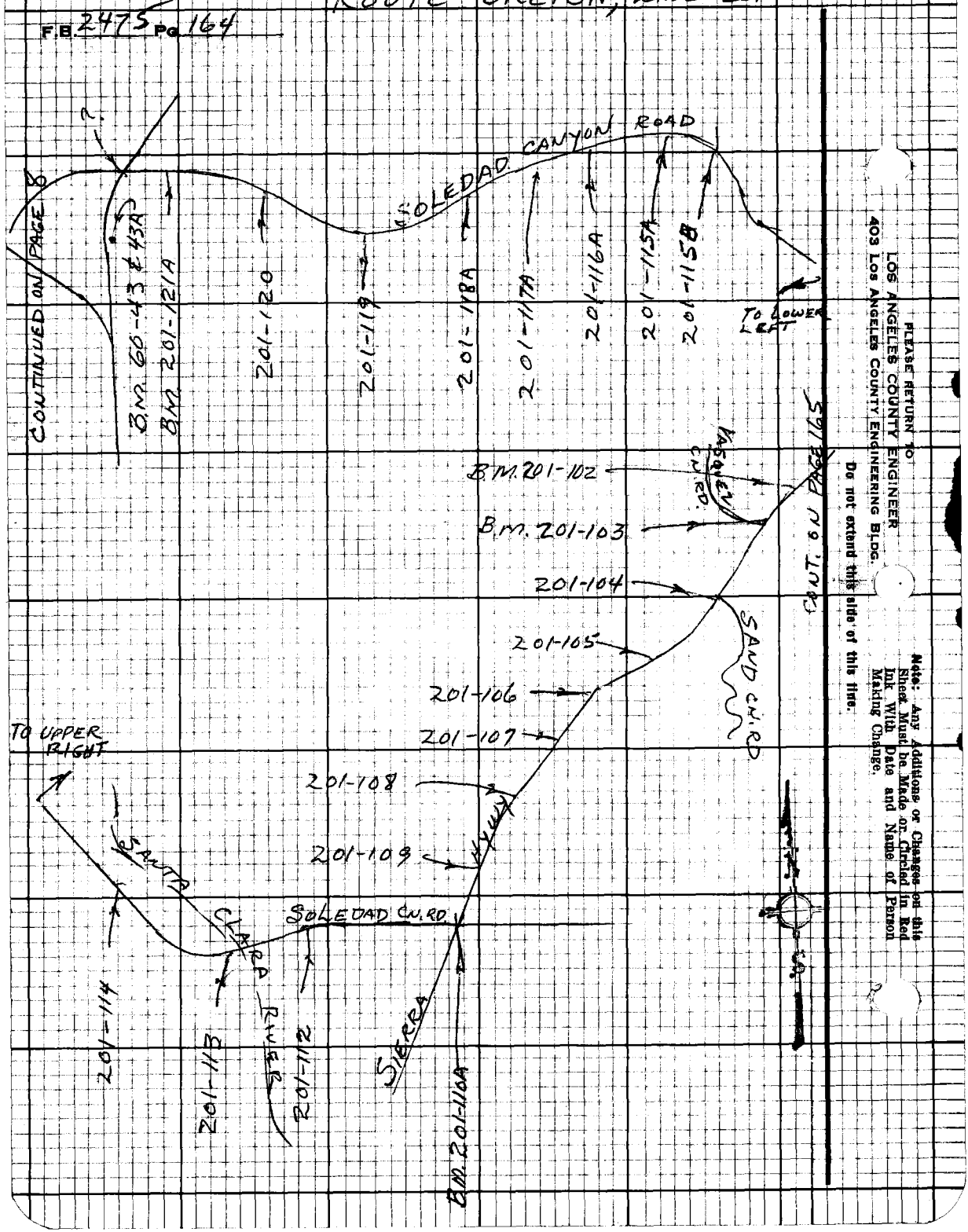
16F3028 CE#310 9.67

ROUTE SKETCH, LINE 201

F.B. 2475 Pg. 164



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403 Los Angeles County Engineering Bldg.

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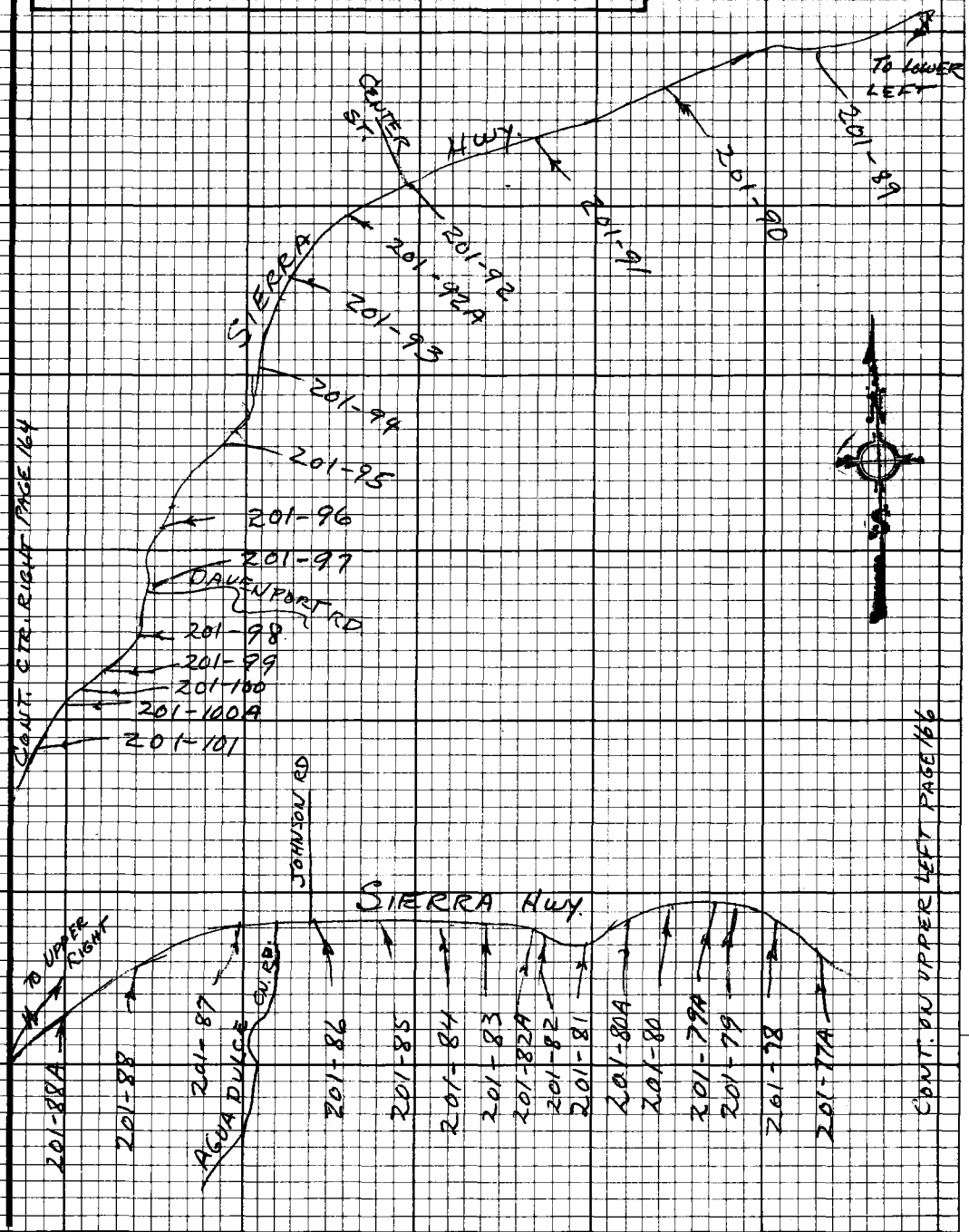
Notes Ck'd by	Survey of
Map No.	JN Tape Std °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed H. E. OTT JUL 25 '60

F.B. 2475 PG. 165



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67

F.B. 2475 Pg. 166

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76P526 CE # 308 [illegible]

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T 66'
SURVEY BY G.E. Dreier WEATHER Sunny & Breezy INST. NO. 96716
NOTES BY Maldonado DATE 4-25-69 TIME 9:20 ROD NO. 9819
INDEXED H. E. OTT DATE [illegible] NOTES CHKD. [illegible] DATE
F.B. 2475 Pg. 169

STATION	Near BACKSIGHT Rod			Far FORESIGHT R			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
	Determination of "C"						
1	158.352	459.5	160 156 4	133.312	434.5	160 106 54	54 Mtrs. (-) 4 Mtrs. = 50 Mtrs. = 0.20 MM
2	162.411	463.5	164 160 4	187.661	488.5	214 160 54	" Mtrs = " Mtrs = 0.20 MM
			8			108	
						8	Curv. Corr. = 0.40 M
	320.763			320.973		100	
				~~320.763~~			
				.040			
				320.933			
				320.763			
				.170			
				0.017 MM = "C"			
				100) 1.700			
				100			
				700			

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY C.E. DREIER
NOTES BY F. DREIER
INDEXED H. E. OTT
DATE 4-30-69
DATE JL 25
WEATHER 62° HAZE
TIME 10:00
NOTES CHKD. [illegible]
DATE
INST. NO. 98716
ROD NO. 9819
F.B. 2475 Pg. 171

STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
					DETERMINATION OF "C"				
1	153	181	454 5	155 151 4	134	458	436 5	161 107 54	54 m − 4 m = 50 m = 0.20 mm
2	158	071	459 5	160 156 4 8	176	730	477 5	203 149 54 108	54 m − 4 m = m = 0.20 mm
	311	252			311	188		8 100	CUR. CORR = 0.40 mm
	311	148				0.40			
		1.04			311	148			
					+0.010 mm = "C"				
					100) 1.040				

76P526 CE # 308 3-65

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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 _____ TO _____
	DETERMINATION OF "C"								
1	166	882	467 5	168 164 4	217	760	518 5	245 189 56	56 m - 4 m = 52 m = 0.20
2	151	217	452 5	153 149 4 8	100	411	401	128 72 56 112 8 104	56 m - 4 m = 52 m = 0.20
	318	099			318	171			CUR. CORR. - 040 mm
						040			
					318	131			
					318	099			
						032			

- 0.003 mm = C
104) 0.320
312

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 71°
SURVEY BY G.E. DREIER WEATHER CALM-HAZE INST. NO 96716
NOTES BY G.E. DREIER DATE 5-8-69 TIME 9:00 TO ROD NO 95 & 96
INDEXED H. E. OTT DATE 11 25 [illegible] NOTES CHKD. [illegible] DATE
F.B. 2475 PG. 173

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						
1	157	204	458 5	159 155 4	211	003	512 5	238 184 54	54m - 4m = 50m = 0.20 mm
2	148	848	449 5	150 146 4 8	95	000	396	122 68 54 108 8	m - m = m 0.20 mm
	306	052			306	003		100	CURVE. CORR. = 0.40 mm
	305	963				040			
		089			305	963			

+ 0.009 mm = C
100 / 0.890

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 5-9-69 WEATHER CLEAR 84° INST. NO 96716
NOTES BY G.E. DREIER DATE 5-9-69 TIME 10:30 ROD NO 95896
INDEXED H. E. OTT DATE JUL 25 '69 NOTES CHKD [signature] DATE
F.B. 2475 Pg. 175

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301 02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY A.E. DREIER
NOTES BY G.E. DREIER DATE 5-22-69 WEATHER HAZE 65° INST. NO.
INDEXED H. E. OTT DATE 11 25 70 TIME 8:30 ROD NO. 95 & 96
NOTES CHKD. [illegible] DATE

F.B. 2475 PG. 177

STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
1	147	648	448 5	149 145 4	59	762	360 5	86 32 54	54 m - 4 m = 50 m = 0.20 mm
2	159	236	460 5	161 157 4 8	246	992	547 5	273 219 54 108 8	54 m - 4 m = 4 m = 0.20 mm
	306	884			306	754		100	CURVE. CORR. = 0.40 mm
						040			
	306	714			306	714			
		170							

+0.017 mm = "C"
100) 1.700 m.m

76P526 CE # 308 3-65

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	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
1	142	468	443 5	144 / 140 4	93	310	394 5	119 / 67 52	52 m − 4 m = 48 m = 0.20 mm
2	153	427	454 5	155 / 151 4 / 8	202	643	503 5	228 / 176 52 / 104 / 8	m − 4 m = m = 0.20 mm
	295	895			295	953		96	CURV. CORR = 0.40 mm
						040			
					295	913			
					295	895			
						018			

0.002 mm = "c"
96) 0.180

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 5-23-69
INDEXED H. E. OTT DATE 11 25 69
WEATHER OVERCAST
TIME 8:30
NOTES CHKD. [illegible] DATE [illegible]
INST. NO 96716
ROD NO 95 & 96
F.B. 2475 Pg. 179

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF "C"								
1	161	280	462 5	163 159 4	216	065	517 5	243 189 54	54 M. - 4 M. = 50 M = 0.20 MM
2	156	066	457 5	158 154 4	101	224	402 5	128 74 54	54 M - 4 M = 50 M = 0.20 MM
								108	CUR. CORR. = 0.40 MM
	317	346		8	317	289			
	317	249				040		8	
		097			317	249		100	

+ .0097 M. = "C"
100) 0.97

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-35
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO 96716
NOTES BY SIEMANN DATE 5-26-69 TIME 8:50 AM ROD NO 75896
INDEXED H. E. OTT DATE JUL 25 '69 NOTES CHKD. [illegible] DATE

F.B. 2475 PG. 181

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "O"						
1	163	201	464 5	165 / 161 4	108	389	409 5	135 / 81 54	54 m - 4 m = 50 m = 0.20 mm
2	161	414	462 5	163 / 159 4 / 8	216	204	517 5	243 / 189 54 / 108 / 8 / 100	54 m - 4 m = 50 m = 0.20 mm
	324	615			324	593			0.40 mm
	324	553				040			
		062			324	553			

+.006 mm = C

100) 062

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

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

NOTES BY G.E. DREIER DATE 5-28-69 TIME 9:05 ROD NO. 95 & 96

INDEXED H.E. OTT DATE JUL 25 69 NOTES CHKD. [illegible] DATE

F.B. 2475 PG. 183

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 82°
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 9676
NOTES BY SIEMANN DATE 5-29-69 TIME 9:30 TO ROD NO. 95496
INDEXED H. E. OTT DATE 2-5-69 NOTES CHKD. [illegible] DATE [illegible]

F.B. 2475 Pg. 185

STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
1	146	483	447 5	148 / 144 4	59	947	360 5	87 / 31 56	56 M. - 4 M. = 52 M. = 0.20 M.M
2	166	270	467 5	168 / 164 4	252	705	553 5	279 / 224 55	55 M. - 4 M. = 51 M. = 0.20 M.M
									CUR. CORR. = 0.40 M.M
	312	753		8	312	652		111	
	312	612			-	040		8	
		141			312	612		103	

.0137 M.M. = "C"
103) 141
103
380
309
710

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-70°
SURVEY BY G.E. DREIER WEATHER HAZY INST. NO. 96716
NOTES BY SIEMANN DATE 6-6-69 TIME 1:30 TO ROD NO. 95896
INDEXED H.E. OTT DATE [illegible] NOTES CHKD. DATE

F.B. 2475 Pg. 187

STATION	NEAR BACKSIGHT RIGHT MIC.	NEAR BACKSIGHT LEFT.	NEAR BACKSIGHT STADIA	FAR FORESIGHT RIGHT MIC.	FAR FORESIGHT LEFT.	FAR FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
		DETERMINATION OF "C"					
1	158 812	459 5	160 156 4	125 838	426 5	152 98 54	54 M. - 4 M. = 50 M. = 0.2 M.M.
2	159 862	460 5	161 157 4	192 928	493 5	217 165 54	54 M. - 4 M. = 50 M. = 0.2 M.M.
	318 674		8	318 766		108	CUR. CORR = 0.4 M.M.
				- 040		8	
				318 726		100	
				318 674			
				152			
				.015 MM. = "C"			
				100) 152			

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 4-25-69 WEATHER Sunny
TIME 9:30 to 10:20 ROD NO. 2E14
INDEXED H.E. Ott DATE
NOTES CHKD. DATE

T-66°

F.B. 4575-109

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											From BM 60-43 To BM 201-121A
BM 60-43											BM 60-43 (U.S.C.&G.S. X-898) Bouquet Cayon Rd., N'ly. of Saugus School across Rd. See F.B. 2839-34
				127					182		
1	87 732	388	5	87	80	140 686	441	5	98	84	
				222					144		
2	192 506	493	5	162	60	115 000	416	5	86	58	
		300		300	140				56	142	
3	300 520	~~170~~	5	~~270~~	60	26 657	327	5	~~4~~	~~80~~	
				233	200				171	102	
4	203 958	504	5	173	60	142 232	443	5	113	58	
				230	260		318		150	260	
5	200 509	501	5	170	60	119 ~~30~~	420	5	88	62	T-Siemann
				228	320				135	222	
6	198 680	499	5	168	60	106 318	407	5	77	58	
				157	380				166	380	
7	154 243	455	5	151	6	163 237	464	5	160	6	
				154	386				150	386	
8	151 031	452	5	148	6	147 280	448	5	144	6	
					392					392	
										392	
										784	
	1489 179					960 728					
	960 728										
	+ 528 451										
BM 201-121A											BM 201-121A Soledad Canyon Rd., 0.3 mi. E'ly. of Bouquet Cyn. Rd. See F.B. 3730-83 See F.B. 3730-83

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

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

Do not extend notes this side of this line.

F.B. 2475 Pg. 190 — SURVEY OF L.A. Co. Precise Level Net — SURVEY BY Prairie — JOB NO. 0301.02 — NOTES Maldonado 4-25-69 — INDEXED H.E. Ott — DATE

WEATHER Sunny & Breezy — INST. NO. 96716 — ROD NO. 9 & 15 — TIME 1:15-76 — NOTES CHKD DLF — DATE JAN 25 1989

T-84°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 201-121A TO BM 60-43
BM 201-121A									BM 201-121A Soledad Cyn. Rd., 0.3 mi. E. of Bouquet Cyn. Rd. See F.B. 3730-83
1	116.732	417.5	150 82	68	200.881	501.5	235 165	70	
2	109.827	410.5	145 73	72	201.988	502.5	237 165	72	
3	141.074	442.5	160 122	140 38	188.517	489.5	208 168	192 40	
4	134.682	435.5	150 118	178 32	202.602	503.5	216 188	182 28	
5	71.230	372.5	112 30	210 82	297 ~~240~~ 930	598.5	297 258	210 ← BM 78	L.A. Co. B.M.? (Rd. Dept. & Int.) K-Siemann
6	113.151	414.5	137 89	292 48	162.990	463.5	185 138	288 47	
7	131.830	432.5	141 121	340 20	144.996	445.5	155 133	335 22	
8	140.720	441.5	174 106	360 68	88.164	369.5	124 52	357 72	
				428				429	
								428	
	959.246				1488.068			857	
					959.246				
					528.822				
BM 60-43									BM 60-43 (U.S.C.&G.S. X898) Bouquet Cyn. Rd., 300± Southwest N'ly. of Bouquet Cyn. Rd. across Rd. from school See F.B. 2839-34

76P526 CE # 308 3-65

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. 60-43 TO B.M. 201-121A
B.M. 60-43									B.M. 60-43 (U.S.C.&G.S. X-898)
1	82	~~433~~ 421	383 5	107 57 50	143	608	444 5	168 116 52	BOUQUET CYN. RD. AT SAUGUS
									SCHOOL. SEE F.B. 2839-34
2	176	577	477 5	216 136 80	98	972	399 5	138 58 80	
				130				132	
3	239	689	540 5	264 214 50	35	140	336 5	60 10 50	
				180				182	
4	178	136	479 5	190 166 24	162	051	463 5	174 150 24	BOUQUET CYN RD. &
				204				206	SOLEDAD CYN. RD. & INT.
5	230	622	531 5	266 194 72	~~101~~ 88	051	~~40~~ 389 5	124 52 72	
				276				278	
6	175	532	476 5	202 148 54	130	908	431 5	156 104 52	
				330				330	
7	178	712	479 5	203 153 50	95	310	396 5	120 70 50	
				380				380	
8	157	488	458 5	173 141 32	136	197	437 5	152 120 32	
				412				412	
								412	
B.M. 201-121A	449	177			890	237		824	B.M. 201-121A
	890	237							SOLEDAD CYN. RD. 0.3 MI. ELY
	+528	940							OF BOUQUET CYN. RD.
									SEE F.B. 3730-

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 4-25-69

INDEXED H.F. OTT DATE [illegible]

WEATHER VERY WINDY TO 72°

TIME 2:20 TO 3:00

NOTES CHKD [illegible] DATE

INST. NO. 76716

ROD NO. 9819

F.B. 2475 Pg. 191

76P526 CE # 306 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-70°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 4-25-69 WEATHER Sunny & INST. NO. 96716
INDEXED H.E. OTT DATE [illegible] TIME 10:20 to 11:15 ROD NO. 9919
NOTES CHKD. [illegible] DATE
F.B. 2475 Pg. 193

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM BM201-121A TO BM 201-120
BM 201-121A									BM201-121 A
1	174	772	475 5	179 169 10	153	732	454 5	158 148 10	Soledad Cyn. Rd., 0.3 mi. E'ly of Bouquet Cyn. Rd., See F.B. 3730-83
2	187	661	488 5	214 160 54	110	315	411 5	138 82 56	
3	179	411	480 5	208 64 150 58	130	599	431 5	158 66 101 57	
4	195	820	496 5	225 122 165 60	107	508	408 5	136 123 78 58	K-Siemann
5	190	700	491 5	224 182 156 68	107	030	408 5	141 181 73 68	
6	195	378	496 5	230 250 160 70	127	335	428 5	161 249 93 68	
7	203	573	504 5	240 320 166 74	82	869	383 5	120 317 44 76	
8	208 ~~128~~	600	509 5	235 394 181 54	128	858	429 5	155 393 101 54	
9	173	149	474 5	183 448 163 20	132	824	433 5	142 447 122 20	
10	176 ~~156~~	339 ~~176~~ ~~177~~	~~477~~ ~~339~~ 5	184 468 168 16 484	156	210	457 5	164 467 148 16 483 484	
	1885	403			1237	280		967	BM 201-120
	1237	280							Soledad Cyn. Rd., N.W. Cor. of Saugus Speedway Prop.
BM 201-120	+6[illegible]4	[illegible]23							See F.B. 2846-96

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 201-120 TO BM 201-121A
BM 201-120									BM 201-120
1	105	348	406.5	140 70 70	206	899	507.5	240 172 68	Soledad Cyn. Rd., N.W. Cor. of Saugus Speedway Prop.
2	95 ~~219~~	259 ~~603~~	396.5	131 59 72	219	603	320.5	255 183 72	See F.B. 2846-96
3	121	691	422.5	158 142 84 74	193	500	494.5	230 140 156 74	
4	117	592	418.5	158 216 76 82	223	263	524.5	262 214 184 78	
5	114	700	415.5	150 298 78 72	198	900	499	237 292 159 78	
6	89	172	390.5	124 370 54 70	188	041	489.5	223 370 153 70	X-Siemann
7	125	805	426.5	140 440 110 30	177	119	478.5	193 440 161 32	
8	135	350	436.5	148 470 122 26	146	054	447.5	158 472 134 24	
				496				496	
~~9~~								496	
	904	917			1553	379		992	
					904	917			
					648	462			
									BM 201-121A
									Soledad Cyn. Rd., 0.3 mi. E'ly. of Bouquet Cyn Rd.
BM 201-121A									See F.B. 3730-83

T-74°

WEATHER Sunny & Breezy INST. NO. 96716

TIME 11:15 to ROD NO. 9 & 19

NOTES CHKD [signature] DATE JUN 23 69

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-25-69

INDEXED H. E. OTT DATE

F.B. 2475 Pg. 194

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RERUN RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 201-121A TO 201-120
B.M. 201-121A							B.M. 201-121A
1	171 010	472 5	176 166 10	156 207	457 5	161 151 10	SOLEDAD CN RD. 0.3 MI. E. OF BOUQUET RD CN
2	198 924	499 5	230 166 64 74	111 196	412 5	143 79 64 74	SEE F.B. 3730-83
3	177 519	478 5	210 144 66 140	91 672	392 5	125 57 68 142	RERUN
4	178 273	479 5	212 144 68 208	105 390	406 5	138 72 66 208	R. SIEMANN
5	205 100	506 5	242 168 74 282	106 434	407 5	144 68 76 284	
6	186 969	487 5	220 152 68 350	111 772	412 5	144 78 66 350	
7	216 753	517 5	254 178 76 426	85 759	386 5	126 44 82 432	
8	201 772	502 5	231 171 60 486 ✓	119 852	420 5	146 92 54 486 ✓	
B.M. 201-120						486	B.M. 201-120
	1536 320 ✓			888 282 ✓		972	SOLEDAD CN RD AT SAUGUS STADIUM
	888 282 ✓						SEE F.B. 2846-96
	+648 038 ✓						

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 60°F
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 4-30-69 WEATHER HAZE-LT. BR. INST. NO. 96716
INDEXED H. E. OTT DATE JUL 25 '69 TIME 9:00 TO 9:30 ROD NO. 2819
NOTES CHKD. [illegible] DATE
F.B. 2475 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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RERUN RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 201-120 TO 201-121A
B.M.201-120									B.M.201-120
1	120	987	421 5	147 93 54	194	421	495 5	222 166 56	SOLEDAD CN RD. AT SAUGUS STADIUM
									SEE F.B.2846-96
2	89	270	390 5	123 55 68 122	211	152	512 5	245 177 68 124	
3	123	050	424 5	154 92 62 184	195	570	496 5	226 164 62 186	⊼ R. SIEMANN
4	122	870	423 5	158 86 72 256	199	488	500 5	234 164 70 256	RERUN
5	103	364	404 5	139 68 71 327	199	640	500 5	236 162 74 330	
6	109	443	410 5	145 73 72 399	207	110	508 5	241 173 68 398	
7	122	447	423 5	152 92 60 459	204	597	505 5	234 174 60 458	
8	84	396	385 5	99 69 30 489	112	338	413 5	127 97 30 488	
								489	
	875	857 2			1524	316		977	
					875	827			
					648	489			
BM.201-121A									B.M.201-121A
									SOLEDAD CN. RD. 0.3 MI. E. OF BOQUET CN RD.
									SEE F.B.3730-83

62°

WEATHER HAZE-LT. BR. INST. NO. 96716

TIME 9:30 TO ROD NO. 9819

NOTES CHKD. [illegible] DATE [illegible]

F.B. 2475 PG. 196 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-30-69

INDEXED H. E. OTT DATE

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RERUN			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 201-121A TO B.M. 201-120
B.M. 201-121A							B.M. 201-121A
1	172 611	473 5	177 / 167 10	156 908	457 5	161 / 151 10	SOLEDAD CN. RD. 0-3 MI. E. OF
							BOUQUET CN. RD.
2	197 179	498 5	232 / 162 70 / 80	94 783	395 5	130 / 58 72 / 82	SEE F.B. 3730-83
3	166 637	467 5	199 / 133 66 / 146	84 709	385 5	117 / 51 66 / 148	π = DREIER
4	176 624	477 5	213 / 139 74 / 220	97 965	398 5	134 / 60 74 / 222	2nd RE RUN
5	201 451	502 5	236 / 166 70 / 290	114 467	415 5	149 / 78 71 / 293	
6	170 330	471 5	203 / 137 66 / 356	74 163	375 5	109 / 39 70 / 363	
7	203 088	504 5	238 / 167 71 / 427	94 570	395 5	127 / 60 67 / 430	
8	183 872	484 5	212 / 153 59 / 486	105 591	406 5	132 / 78 54 / 484 / 486	
B.M. 201-120	471 792			823 156		970	B.M. 201-120
	823 156						SOLEDAD CN. RD. AT SAUGUS
+	648 636						STADIUM. SEE F.B. 2846-96

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 70°
SURVEY BY G.E. DREIER WEATHER HAZY INST. NO. 96716
NOTES BY SIEMANN DATE 4-30-69 TIME 10:15 TO 10:55 ROD NO. 9819
INDEXED H.E. OTT DATE [illegible] NOTES CHKD. [illegible] DATE
F.B. 2475 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 RE RUN				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.201-120 TO B.M.201-121A
B.M.201-120									B.M.201-120
1	104	649	405 5	130 78 52	188	902	489 5	219 157 62	SOLEDAD CN. RD. AT
									SAUGUS STADIUM.
2	84	172	385 5	123 45 78	204	303	505 5	237 171 66	SEE F.B. 2846-96
				130				128	
3	105	069	406 5	137 72 65	181	672	482 5	212 149 63	π = DREIER
				195				191	
4	122	908	423 5	164 79 85	232	730	533 5	277 187 90	2 RE RUN
				280				281	
5	123	782	424 5	158 88 70	191	670	492 5	226 155 71	
				350				352	
6	83	608	384 5	115 51 64	173	146	474 5	204 141 63	
				414				415	
7	106	998	407 5	136 76 60	207	902	508 5	236 178 58	
				474				473	
8	150	336	451 5	161 139 22	149	852	450 5	160 138 22	
				496				495	
								496	
B.M.201-121A	881	522			530	177		991	B.M.201-121A
					881	522			SOLEDAD CN. RD. 0.3 MI. E. OF
					648	655			BOUQUET CN. RD.
									SEE F.B. 3730-83

F.B. 2475 PG. 198 JOB NO. 0301.02

SURVEY OF L.A. CO. LEVEL NET

SURVEY BY G. E. DREIER NOTES SIEMANN 4-30-69

INDEXED H. E. OTT DATE

WEATHER HAZY LT. BRZ INST. NO. 96716

TIME 10:55 TO 11:20 ROD NO. 9019

NOTES CHKD [illegible] DATE JAN 25 69

T = 70

76P526 CE # 308 3-65

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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 4-30-69 WEATHER HAZE 68° INST. NO. 26776
NOTES BY H.E. OTT TIME 12:40 PM ROD NO. 2819
INDEXED DATE JUL 25 1969 NOTES CHKD. DATE
F.B. 2475 Pg. 199

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From 201-120 To 201-119
BM 201-120									B.M. 201-120
1	215 891		516 5	249 181 68	56 657		359 5	91 21 70	SOLEDAD CN. RD. AT SAUGUS STADIUM
									SEE F.B. 2846-96
2	202 691		503 5	238 166 72 140	121 660		422 5	158 84 74 144	
3	198 629		499 5	234 162 72 212	99 737		400 5	133 65 68 212	
									π R. SIEMANN
4	196 251		497 5	229 163 66 278	115 016		416 5	149 81 68 280	
5	181 011		482 5	211 151 60 338	110 600		411 5	140 80 60 340	
6	168 163		469 5	199 137 62 400	130 299		431 5	160 100 60 488 ~~370~~	
7	170 000		471 5	191 149 42 442	133 164		434 5	155 111 44 444	
8	149 871		450 5	160 138 22 464	11 955		312 5	22 ½ 11 22 464 ✓	
BM 201-119									464 B.M. 201-119 (U.S.C.&G.S. Y 52 1926)
	1482507 ✓				779.088 ✓				~~928~~ 930 SOLEDAD CN. RD. +50 FT E. OF R.R. 448.29
	779.088 ✓								SEE F.B. 2846-95
	703.419 ✓								

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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 201-119 TO 201-120
B.M. 201-119									B.M. 201-119 (U.S.C.&G.S. Y52 1926)
1	30	885	331 5	50 10 40	171	517	472 5	191 151 40	SOLEDAD CN RD, S.P.RR., E. OF RR. 448.29
2	99	556	400 5	129 69 60	172	226	473 5	203 141 62	SEE F.B. 2846-95
3	97	170	398 5	128 66 100 62	158	409	459 5	188 128 102 60	
4	104	120	405 5	135 73 162 62	172	631	473 5	203 141 162 62	
5	107	970	408 5	138 76 224 62	210	297	511 5	241 179 224 62	⊼ R. SIEMANN
6	120	041	421 5	151 89 286 62	192	620	493 5	224 160 286 64	
7	109	160	410 5	139 79 348 60	203	818	504 5	233 173 350 60	
8	103	881	404 5	129 77 408 52	194	611	495 5	219 169 410 50	
				460				460	
B.M. 201-120								460	B.M. 201-120
	772	783			1476	129		920	SOLEDAD CN. RD AT SAUGUS STADIUM
					772	783			SEE F.B. 2846-96
					703	346			

76°

WEATHER HAZE INST. NO. 96716

TIME 2:10 ROD NO. 95 & 96

NOTES CHKD [signature] DATE JAN 25 [illegible]

F.B. 2475 PG. 200 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 5-8-69

INDEXED H. E. OTT DATE

76P526 CE # 308 3-65

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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=70
SURVEY BY G. E. DREIER WEATHER WINDY INST. NO. 36716
NOTES BY SIEMANN DATE 4-30-69 TIME 1:20 TO 1:55 ROD NO. 9818
INDEXED H. E. OTT DATE [redacted] NOTES CHKD. [illegible] DATE [illegible]
F.B. 2475 Pg. [illegible]

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM 201-119 TO 201-118A
B.M.201-119									B.M.201-119 (U.S.C.&G.S. Y-52 1926)
1	63	531	364 5	88 38 50	136	011	437 5	161 111 50	SOLEDAD CN. RD. ±50' E. OF RR. 4482
									SEE F.B. 2846-95
2	167	438	468 5	193 141 52	85	250	386 5	112 59 53	
				102				103	
3	151	883	452 5	176 126 50	111	955	412 5	136 86 50	
				152				153	T = DREIER
4	260	363	561 5	294 226 68	112	518	413 5	145 79 66	
				220				219	
5	189	095	490 5	215 163 52	123	305	424 5	150 96 54	
				272				273	
6	185	500	486 5	218 152 66	91	333	392 5	124 58 66	
				338				339	
7	218	800	519 5	250 186 64	73	925	374 5	105 40 65	
				402				404	
8	226	829	527 5	258 193 65	65	150	366 5	98 65 66	
				467 ✓				470 ✓	
							✓	467 ✓	
B.M.201-118A	463	439 ✓			799	447		937	B.M.201-118A (U.S.C.&G.S. Y-984 1965)
	799	447 ✓							SOLEDAD CN. RD. & AQUADUCT.
	+663	992 ✓							SEE F.B. 3730-75

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.

F.B. 2475 Pg. 202 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY REFER NOTES SIEMANN 5-8-69

INDEXED H. E. OTT DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 10:30 To 11:05 ROD NO. 75896

NOTES CHKD. DATE JUN 25 68

T = 76°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 201-118A TO B.M. 201-119
B.M. 201-118A									B.M. 201-118A (U.S.C.&G.S. Y-784)
1	106	125	407	5 128 84 44	209	878	510	5 231 187 44	SOLEDAD CN. RD. & AQUADUCT.
									SEE F.B. 3730-75
2	~~73~~ 66	~~675~~ 000	~~374~~ 367	~~5~~ 5 98 34 64	204	080	505	5 236 172 64	
				108				108	
3	81	310	382	5 113 49 64	213	032	514	5 245 180 65	
				172				173	
4	106	~~254~~ 257	407	5 137 75 62	189	797	490	5 223 155 68	π = DREIER
				134				241	
5	105	~~947~~ 957	406	5 137 73 64	211	505	512	5 241 181 60	
				298				301	
6	77	213	378	5 115 39 76	173	777	474	5 207 137 72	
				374				373	
7	93	811	394	5 122 64 58	173	759	474	5 202 144 58	
				432				431	
8	140	400	441	5 160 120 40	64	436	365	5 83 44 39	
				472 ✓				470 ✓	
								472 ✓	
B.M. 201-119	777	070 ✓			1440	255 ✓		942	B.M. 201-119 (U.S.C.&G.S. Y-52 1926)
					777	070 ✓			SOLEDAD CN. RD. & R.R. 448.29
					663	185 ✓			SEE F.B. 2846-95

76P526 CE # 308 3-65

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 = 84°
SURVEY BY G.E. DREIER WEATHER HAZY SUN
NOTES BY S. KIMPAN DATE 5-8-69 TIME 2:20 TO 2:55 INST. NO. 96716
INDEXED H. E. OTT DATE 11-25-70 NOTES CHKD. DATE ROD NO. 95496
F.B. 2475 Pg. 203

STATION	BACKSIGHT RERUN Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 201-119 TO B.M. 201-118A
B.M. 201-119									B.M. 201-119 (U.S.C. & G.S. Y-52 1926)
1	70 968	371 5		98 / 49 57	144 262	4455		173 / 116 57	SOLEDAD CN. RD. ± 50' E. OF R.R.
									448.29. SEE F.B. 2846-95
2	231 296	532 5		263 / 198 65	100 037	401 5		133 / 67 66	
				122				123	
3	218 128	519 5		249 / 186 63	129 368	4305		160 / 98 62	
				185				185	
4	189 375	490 5		219 / 159 60	105 572	406 5		136 / 73 63	
				245				248	T = DREIER
5	186 625	487 5		222 / 150 72	107 712	408 5		143 / 71 72	
				317				320	RE RUN
6	183 595	484 5		213 / 153 60	67 865	368 5		97 / 37 60	
				377				380	
7	209 998	510 5		237 / 181 56	41 510	342 5		69 / 13 56	
				433				436	
8	162 496	463 5		180 / 144 36	92 643	393 5		109 / 75 34	
				469				470	
								469	
B.M. 201-118A	452 481				788 969			939	B.M. 201-118A (U.S.C. & G.S. Y-984 1960)
	788 969								SOLEDAD CN. RD. & AQUADUCT.
	+663 682								SEE F.B. 3730-75
	512								

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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 RE RUN				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.201-118A TO B.M.201-119
B.M.201-118A									B.M.201-118A (U.S.C.&G.S. Y-984)
1	110	479	411 5	132 88 44	222	425	523 5	245 199 46	SOLEDAD CN. RD. & AQUADUCT
2	73	970	374 5	105 41 64 108	209	010	510 5	241 177 64 110	SEE F.B. 3730-75
3	82	157	383 5	111 52 59 167	209	750	510 5	240 178 62 172	
4	110	048	411 5	142 77 65 232	184	537	485 5	216 152 64 236	π = DREIER
5	96	685	397 5	134 58 76 308	217	293	518 5	255 179 76 312	RE RUN
6	110	507	411 5	143 76 67 375	199	405	500 5	231 167 64 376	
7	88	758	389 5	118 57 61 436	193	250	494 5	224 162 62 438	
8	153	190	454 5	170 136 34 470	53	559	354 5	70 36 34 472 470	
B.M.201-119	825	784			1489	229		942	B.M.201-119 (U.S.C.&G.S. Y-52 1926)
					825	784			SOLEDAD CN. RD. +50 E. OF RR
					-663	440 435			448.29, SEE F.B. 2846-95

T = 82°

F.B. 2475 Pg. 204 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET WEATHER HAZY SUN INST. NO. 96716

SURVEY BY DREIER NOTES SIE MANN 5-8-69 TIME 1:45 TO 2:20 ROD NO. 95896

INDEXED H. E. OTT DATE NOTES CHKD [signature] DATE [illegible]

76P526 CE # 308 3-65

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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. 201-118A TO B.M. 201-117A
B.M. 201-118A									B.M. 201-118A (U.S.C.&G.S. Y-984 1962)
1	166	229	467 5	199 132 67	66	233	367 5	99 33 66	SOLEDAD CN. RD. & AQUADUCT
									SEE F.B. 3730-75
2	220	465	521 5	251 189 62	106	689	407 5	137 74 63	
				129				129	
3	~~192~~ 187	951	488 5	215 159 56	85	545	386 5	112 57 55	π = DREIER
				185				184	
4	269	877	570 5	288 249 39	37	125	338 5	58 15 43	
				224				227	
								224	
B.M. 201-117A	844	522			295	592		451	B.M. 201-117A
	295	592							SOLEDAD CN. RD. AT RR. SEMI-
	+548	930							FORE 447-47

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

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

NOTES BY SLEMANN DATE 4-30-69 TIME 2:00 TO 2:15 ROD NO. 9819

INDEXED H. E. OTT DATE JUL 25 1969 NOTES CHKD. [illegible] DATE

F.B. 2475 PG. 205

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2475 PG. 206 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-8-69

INDEXED H.E. OTT DATE

WEATHER SUNNY - HAZY INST. NO. 76716

TIME 10:15 TO 10:30 ROD NO. 95696

NOTES CHKD DATE

T: 72°

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 201-117A TO B.M. 201-118A
B.M. 201-117A									B.M. 201-117A
1	31 508		332 5	60 1 59	289 330		590 5	289 259 60	SOLEDAD CN. RD. AT R.R.
									SEMAPHORE 44747.
2	71 415		372 5	106 36 70	214 440		515 5	249 178 71	SEE F.B.
				129				131	
3	99 857		400 5	127 68 61	209 906		510 5	238 180 58	
				190				189	T = DREIER
4	129 713		430 5	150 108 42	167 555		468 5	188 146 42	
				232				231	
								232	
B.M. 201-118A	332 493				881 231			463	B.M. 201-118A (U.S.C. & G.S. Y 984)
					332 493				SOLEDAD CN. RD. & AQUADUCT.
					548 738				SEE F.B. 3730-75

76P526 CE # 308 3-65

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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 G.E. DREIER DATE 4-30-69 TIME 2:25 TO 2:45 WEATHER HAZE, LT. WIND 75°
INDEXED H.E. OTT DATE JUL 25 1969 NOTES CHKD DATE
INST. NO. 26716 ROD NO. 2819
F.B. 2475 PG. 207

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM 201-117A TO 201-116A
B.M. 201-117A									B.M. 201-117A
1	132	411	433 5	164 100 64	29	000	330 5	61 ½ 29 64	SOLEDAD CN. RD. & S.P.R.R. AT SEMAPHORE 447.47T
									SEE F.B.
2	280	909	581 5	280 248 64 128	61	483	362 5	93 28 65 129	
3	232	960	533 5	265 198 67 195	106	808	407 5	141 71 71 200	R. SIEMANN
4	201	057	502 5	227 175 52 247	87	593	388 5	110 64 46 246 247	
BM. 201-116A	847	337			284	884		493	B.M. 201-116A
	284	884							SOLEDAD CN. RD & S.P.R.R. AT BR.# 447.12
	+562	453							SEE F.B. 3730-69

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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 201-116A TO 201-117A
B.M. 201-116A									B.M. 201-116A
1	34	719	335 5	65 ½ 34 62	247	194	548 5	279 215 64	SOLEDAD CN. RD, S.P.R.R. AT BR. # 447.12
									SEE F.B. 3730-69
2	122	872	423 5	154 91 63	268	352	569 5	300 236 64	
				125				128	
3	21	697	322 5	52 ½ 21 62	219	668	520 5	246 192 54	
				187				182	
4	135	828	436 5	165 106 59	142	359	443 5	174 110 64	
				246				246	
B.M. 201-117A	315	116						246	B.M. 201-117A
					877	573		492	SOLEDAD CN RD, S.P.R.R. AT
					315	116			SEMAPHORE # 447.47
					562	457			

F.B. 2475 PG. 208 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 5-8-69

INDEXED H. E. OTT DATE

WEATHER HAZE INST. NO. 96716

TIME 940 ROD NO. 95896

NOTES CHKD [illegible] DATE JUN 25 69

76P526 CE # 308 3-65

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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 76°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 4-30-69
INDEXED H. E. OTT DATE JUL 25 [illegible]
WEATHER HAZE - LT. WIND INST. NO 96716
TIME 2:45 TO 3:10 ROD NO. 9819
NOTES CHKD. [illegible] DATE [illegible]
F.B. 2475 PG. 209

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 201-116A TO 201-115A
201-116A							B.M. 201-116A
1	159 001	460 5	194 124 70	89 859	390 5	125 53 72	SOLEDAD CN. RD, S.P.R.R. AT BR. 447.12 SEE F.B. 3730-69
2	239 202	540 5	270 208 62 132	110 771	411 5	141 79 62 134	
3	259 344	560 5	291 227 64 196	79 423	380 5	110 48 62 196	⊼ R. SIEMANN
4	235 490	536 5	267 203 64 260	79 100	380 5	110 48 62 258	
5	227 119	528 5	258 196 62 322	97 571	398 5	130 64 66 324	
6	227 324	528 5	256 198 58 380	65 770	366 5	92 38 54 378	
B.M. 201-115A						380	B.M. 201-115A OPP. TRAILER PARK
	1347 480			522 494		758	SOLEDAD CN. RD, S.P.R.R. AT SIGNAL 446.7 SEE F.B. 3730-65
	522 494						
	+824 986						

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2475 PG. 210 JOB NO. 0.30.102
SURVEY OF ~~SEDDEER~~ L.A.G. PRECISE LEVEL NET
SURVEY BY ~~DREIER~~ NOTES G.E. DREIER 5-8-69
INDEXED H.E. OTT DATE
WEATHER - HAZE INST. NO. 96716
TIME 9:10 TO ROD NO. 25896
NOTES CHKD DATE JUN 2 1969
72°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-115A TO 201-116A
B.M. 201-115A									B.M. 201-115A
1	6	229	307 5	½ 48 6 84	251	610	552 5	293 209 84	SOLEDAD CN. RD., S.P.R.R. AT SEMAPHORE
									# 446.7
2	36	863	337 5	73 -1 74 158	247	217	548 5	284 210 74 158	SEE F.B. 3730-65
3	62	538	363 5	91 33 58 216	229	913	530 5	258 200 58 216	R. SIEMANN
4	82	239	383 5	118 46 72 288	223	508	524 5	260 186 74 290	
5	107	184	408 5	134 80 54 342	209	652	510 5	235 183 52 342	
6	~~111~~	~~618~~	~~412 5~~	~~1 732~~ 270 42	~~153~~	~~200~~	~~454~~	~~474~~ ~~132~~ 42	
	153	200	454 5	132 384	111	618	412 5	132 111 384	
B.M. 201-116A								384 768	B.M. 201-116A
	~~406 671~~				~~1915 100~~				SOLEDAD CN. RD., S.P.R.R. AT BR. 447.12
	448 253				~~406 671~~				SEE F.B. 3730-69
					~~908 429~~				
					1273 518				
					448 253				
					825 265				

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA (RERUN)	DESCRIPTION AND REMARKS FROM 201-115A TO 201-116A
B.M. 201-115A									B.M. 201-115A
1	17	414	318 5	1/2 60 17 86	269	885	570 5	269 1/2 225 88	SOLEDAD CN. RD., S.P.R.R., AT SEMAPHORE 446.7
2	59	167	360 5	89 29 60	229	215	530 5	260 198 62	SEE F.B. 3730-65
3	69	248	370 5	146 100 38 62	255	475	556 5	150 284 226 58	
4	89	684	390 5	208 120 58 62	193	232	494 5	208 224 162 62	⊼ R. SIEMANN RERUN
5	96	442	397 5	270 123 69 54	214	870	515 5	270 241 187 54	
6	126	340	427 5	324 156 96 60	120	718	421 5	324 151 89 62	
				384 ✓				386 ✓	
B.M. 201-115A								384	B.M. 201-116A
	458	295 ✓			1283	395 ✓		770	SOLEDAD CN. RD., S.P.R.R. AT BR. 44712
					458	295 ✓			SEE F.B. 3730-69
					825	100 ✓			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 84°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 5-9-69
INDEXED H. E. OTT DATE [illegible]
WEATHER CLEAR
TIME 10:30 TO
NOTES CHKD. [illegible] DATE
INST. NO. 96716
ROD NO. 95896
F.B. 2475 Pg. 211

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 201-115A TO 201-115B
B.M. 201-115A							B.M. 201-115A
							446.7
1	169 706	470 5	202 136 66	82 342	383 5	116 48 68	SOLEDAD CN. RD. & S.P.RR. AT SEMAPHORE SEE F.B. 3730-65
2	251 878	552 5	298 204 94 160	59 893	360 5	110 8 102 170	⊼ SIEMANN
B.M. 201-115B				~~142 235~~		160	B.M. 201-115 B
	421 584			142 235		330	SOLEDAD CN. RD. ~~& S.P.RR.~~ 3.20 MI. W. OF SIERRA HWY AT PARKLAND MOBILE ESTATES
	142 235						SEE F.B. 3730-63
	+279 349						
			RERUN	5-9-69	94°	1:50 TO	2:10
B.M. 201-115A							
1	147 872	448 5	163 131 32	134 972	435 5	152 116 36	
2	190 759	491 5	210 170 40	102 517	403 5	122 82 40	
3	208 212	509 5	233 183 72 50	103 548	404 5	127 79 76 48	
4	200 378	501 5	223 177 122 46 168	126 729	427 5	150 102 124 48 172	
B.M. 201-115B						168	
	747 221			467 766		340	
	467 766						
	~~279 455~~						
	+279 455						

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER DATE 5-9-69 WEATHER CLEAR INST. NO. 96716
NOTES BY G. E. DREIER DATE 5-9-69 TIME 1:20 TO 1:30 ROD NO. 95 & 96
INDEXED H. E. OTT DATE JUL 25 1969 NOTES CHKD. [illegible] DATE

F.B. 2475 Pg. 213

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 201-115B TO 201-115A
B.M. 201-115B									B.M. 201-115B
1	115	030	416 5	142 88 54	211	868	512 5	238 184 54	SOLEDAD CN. RD. 2.3 MI. W. OF SIERRA HWY
2	113	827	414 5	133 93 40 94	196	189	497 5	216 176 40 94	SEE F.B. 3730-63
3	113	641	414 5	133 93 40 134	209	522	508 5	228 186 42 136	⊼ R. SIEMANN
4	142	019	443 5	158 125 32 166	148	458	449 5	164 132 32 168	
B.M. 201-115A								166	B.M. 201-115A
	484	517			764	037		334	SOLEDAD CN RD., S.P.R.R. AT SEMAPHORE 446.7
					484	517			SEE F.B. 3730-65
					279	520			

F.B. 2475 Pg. 214 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 5-9-69

INDEXED H. E. OTT DATE

95°

WEATHER CLEAR INST. NO. 96716

TIME 1:30 TO ROD NO. 95896

NOTES CHKD [illegible] DATE JAN 25 69

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 201-115B TO B.M. 201-114
B.M. 201-115B									B.M. 201-115 B
1	193	209	494 5	224 162 62	63	762	364 5	94 32 62	SOLEDAD CN. RD. 2.3 MI. W. OF
2	213	231	574 5	242 184 58	55	382	356 5	84 26 58	SIERRA HWY. E. COR. PARKLAND
				120				120	MOBILE ESTATES.
3	218	361	519 5	247 189 58	39	110	340 5	68 10 58	SEE F.B. 3730-63
				178				178	
4	240	958	541 5	268 212 56	120	531	421 5	148 92 56	
				234				234	
5	221	872	522 5	244 198 46	93	132	394 5	116 70 46	
				280				280	
6	228	811	529 5	258 198 60	64	245	365 5	95 33 62	↑ = FISCHER
				340				342	
7	138	152	439 5	162 109 53	158	793	459 5	186 130 56	
				398				398	
8	181	797	482 5	200 162 38	69	320	370 5	89 49 40	
				436				438	
								436	
B.M. 201-114	1636391				664275			874	B.M. 201-114
	664275								SOLEDAD CN. RD. & CULVERT 3.77
	+972116								SEE F.B. 2846-90

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY SHEMANN
RECORDED H.E. OTT
DATE 5-7-69
DATE 5-8-69
WEATHER HOT - H.P. RECEIVER
TIME 2:10 to 2:20
INST. NO. 96716
ROD NO. 95896
NOTES CHKD. [illegible]
DATE [illegible]
F.B. 2475 Pg 215

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2475 PG. 216 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DEBIER NOTES SIEMANN 5-9-69

INDEXED H. E. OTT DATE

WEATHER HOT WINDY INST. NO. 96716

TIME 2:45 TO ROD NO. 95896

NOTES CHKD. DATE 25

T = 96°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.201-114 TO B.M.201-115B
B.M.201-114									B.M.201-114
1	40	005	341 5	75 5 70	157	691	458 5	192 122 70	SOLEDAD CN. RD. IN CULVERT 3.72
									SEE F.B. 2846-90
2	164	002	465 5	194 134 ~~131~~ 60	231	099	332 5	261 201 60	
				130				130	
3	63	139	364 5	98 28 70	223	268	524 5	258 188 70	
				200				200	
4	9	266	310 5	45 ½ 9 72	293	641	594 5	293 ½ 260 66	
				272				266	
5	87	990	388 5	123 51 72	251	459	552 5	288 214 74	
				344				340	
6	59	783	360 5	103 15 88	239	087	540 5	285 293 72	
				432				432	
								432	
								864	B.M.201-115B
B.M.201-115B	424	185			1396	245			SOLEDAD CN. RD. & E. COR. PARK-LAND MOBILE PARK.
					424	185			SEE F.B. 3730-63
					972	060			

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 201-114 TO B.M. 201-113
B.M. 201-114									B.M. 201-114
1	200	827	501 5	229 171 58	128	042	429 5	157 99 58	SOLEDAD CN. RD. IN CULVERT #3.77
									SEE F.B. 2846-90
2	295	~~532~~ 465	596 5	1/2 295 262 66	53	451	354 5	87 19 68	
				124				126	
3	260	095	561 5	295 225 70	30	590	331 5	1/2 64 30 68	
				194				194	π = DREIER
4	191	633	492 5	1/2 191 158 66	56	069	357 5	1/2 90 56 68	
				260				262	
								260	
B.M. 201-113	948	020			268	152		522	B.M. 201-113
	268	152							SOLEDAD CN. RD. & BRIDGE #821
	+ 679	868							SEE F.B. 2846-89

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

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

NOTES BY SIEMANN DATE 5-9-69 TIME 11:25 TO 11:45 ROD NO 95496

INDEXED H. E. OTT DATE 11 25 '69 NOTES CHKD. [illegible] DATE [illegible]

F.B. 2475 Pg 217

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 201-113 TO B.M. 201-114
B.M. 201-113									B.M. 201-113
1	186	620	487.5	212 / 160 52	212	873	513.5	238 / 186 52	SOLEDAD CN RD. & BRIDGE #821
									SEE F.B. 2846-89
2	25	310	326.5	52 / -2 54 / 106	277	560	578.5	305 / 249 56 / 108	
3	70	363	371.5	99 / 41 58 / 164	235	411	536.5	264 / 206 58 / 166	
4	93	317	394.5	121 / 65 56 / 220	256	408	557.5	285 / 227 58 / 224	
5	103	800	404.5	119 / 87 32 / 252	183	691	484.5	197 / 168 29 / 253	
6	146	905	447.5	151 / 141 10 / 262	140	197	441.5	144 / 136 8 / 261	
								+ 262	
	626	315			-1306	140		523	
					+626	315			
					-679	825			

82°

WEATHER HAZE INST. NO. 96716

TIME 1:50 TO 2:15 ROD NO. 95896

NOTES CHKD. [illegible] DATE [illegible]

F.B. 2475 PG. 218 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES FOULGER 5-21-69

INDEXED H. E. OTT DATE

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=90°
SURVEY BY G.E. DREIER WEATHER HOT-WINDY INST. NO. 36746
NOTES BY SIEMANN DATE 5-9-69 TIME 11:50 TO 12:00 ROD NO. 95896
INDEXED H.E. OTT DATE [illegible] NOTES CHKD. [illegible] DATE
F.B. 2475 Pg. 219

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 201-113 TO B.M. 201-112
B.M. 201-113									B.M. 201-113
1	158	888	459 5	197 118 79	66	273	367 5	106 26 80	SOLEDAD CN. RD. & BRIDGE # 821
2	154	856	455 5	194 115 79 158	275	361	576 5	275 237 76	SEE F.B. 2846-89
								156 158 314	T = DREIER
B.M. 201-112	313	744			341	634			B.M. 201-112
4					313	744			SOLEDAD CN. RD. & CULVERT # 434
					27	890			SEE F.B. 2846-88
			RERUN	5-21-69		T=84°			3:20 P.M.
B.M. 201-113									
1	156	543	457 5	198 116 83	49	645	350 5	91 8 83	
2	159	360	460 5	196 121 75 158	294	427	595 5	299 257 74 157 158 315	
201-112	315	903			344	072			
					+ 315	903			
					− 28	169			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

B.B. 2475 Pg. 220 | JOB NO. 030102 | SURVEY OF L.A. Co. PRECISE LEVEL NET | SURVEY BY DREIER NOTES FOULGER 5-21-69 | INDEXED H. E. OTT DATE

WEATHER HAZE 82° | TIME 1:30 TO 1:50 | NOTES CHKD. | INST. NO. 96216 | ROD NO. 95 & 96 | DATE

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM 201-112 TO 201-113
1	259	424	560.5	291 226 65 65	105	363	406.5	137 72 65 ~~65~~	
	~~165~~	~~100~~	~~466.5~~	~~210 120~~ 275					
2	39	223	340	½ 85 39 ~~46~~ 92	165	100	466.5	210 120 90	
				151 ✓				155 ✓ 157 ✓	
	298	647 ✓			270	463 ✓		312	
	290	463 ✓							
	+ 28	184 ✓							
			RERUN - 5-21-69		T = 84°			3:05 P.M.	
BM. 201-112									
1	292	940	593.5	½ 292 255.74	157	802	458.5	194 189.75	
2	50	445	351.5	91 ½ 98.2	157	487	458.5	199 116 ~~88~~	
				156 ✓				158 ✓ 156	
201-113	343	385 ✓			315	289 ✓		314 ✓	
	− 315	289 ✓							
	+ 28	096 ✓							

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-112 TO 201-111A
B.M. 201-112									B.M. 201-112
1	176	446	477.5	214 138 76	134 ~~139~~	359	435.5	172 96 76	SOLEDAD CN. RD. E. OF S. CLARA RIVER
	168	573	469.5	193 144 ~~150~~ 48	124	648	425.5	150 98 ~~192~~ 52	SEE F.B. 2846-88
2 X	~~124~~	~~648~~	~~425.5~~	~~98~~ ~~52~~	~~168~~	~~573~~	~~469.5~~	~~144~~ ~~48~~	X
3	164	091	465.5	192 124 136 56	154	712	455.5	183 128 124 59	
4	181	792	482.5	214 180 148 66	142	492	443.5	175 187 108 67	TT D. FOULGER
5	169	694	470.5	196 240 142 54	127	937	428.5	155 254 99 56	
6	182	821	483.5	204 300 160 44	32	107	333.5	55 310 9 46	
7	272	243	573.5	287 344 256 31	37	708	338.5	51 356 23 28	
8	244	897	545.5	253 375 235 18	64	933	365.5	74 384 54 20	
9	260	532	561.5	270 393 249 21	79	182	380.5	89 404 69 20	
10	250	295	551.5	269 414 231 38	97	308	398.5	116 424 78 38	
				452				462	
								456	
B.M. 201-111A	~~2025~~	~~459~~			~~1039~~	~~311~~		914	B.M. 201-111A
	~~1039~~	~~311~~			995	386			SOLEDAD CN. RD. & LUTHER DR.
	~~986~~	~~148~~							SEE F.B. 3730-55
	2071	384							
	995	386							
	+ 1075	998							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 80°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 5-12-69 WEATHER LIGHT WIND HAZE
INDEXED H. E. OTT DATE JUL 25 '69 TIME 12:20 TO NOTES CHKD. [illegible] DATE
INST. NO. 96716
ROD NO. 95896
F.B. 2475 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. 2475 PG. 222 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY PREIER NOTES G.E. DREIER 5-12-65

INDEXED H.E. OTT DATE

WEATHER WIND-HAZE INST. NO. 96716

TIME 2:40 TO ROD NO. 96876

NOTES CHKD. DATE

79°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM 201-111A TO 201-112
Bm.201-111A									Bm.201-111A
1	81	008	382.5	105 87 48	289	208	590.5	289 ½ 262.54	SOLEDAD CN. RD. & LUTHER DR.
									SEE F.B. 3730-55
2	41	817	342.5	52 29 23 71	255	249	556.5	267 243.24 78	
3	2	997	303.5	18 ½ 2 32	298	562	599.5	298 ½ 282 32 110	
4	28	030	329.5	103 53 3 50	217	006	518.5	240 194.46	↑ D. FOULGER
5	144	405	445.5	153 171 117 54	167	683	468.5	193 141.52 156	
6	136	236	437.5	207 169 103 66	192	488	493.5	225 158.67 208	
7	165	363	466.5	273 189 142 45	167	734	468.5	190 143.47 275	
8	173	895	474.5	318 203 142 61	200	229	501.5	230 169 61 322	
9	94	758	395.5	379 119 68 51	129	878	430.5	152 105.47 383	
10	149	364	450.5	430 165 132 33	175	798	476.5	191 159 32 430	
				463				462	
Bm.201-112								463	B.M.201-112
	101	873			2093829			925	SOLEDAD CN RD. E. OF SANTA CLARA RIVER
					1017873				SEE F.B. 2846-88
					1075956				

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-111A TO 201-110A
BM-201-11A									B.M. 201-111A
1	206	088	507 5	183 228 45	140	669	441 5	163 117 46	SOLEDAD CN. RD. & LUTHER DR. S.W. COR. SEE F.B. 3730-55
2	~~118~~ 189	647	490 5	220 158 62	118	437	419 5	149 87 62	
3	211	843	512 5	240 182 58 107	71	811	372 5	102 40 62 108	
4	290	765	591 5	290 ½ 257 66 165	12	847	313 5	43 ½ 12 62 170	⊼ DREIER
5	283	051	584 5	308 258 50 231	35	551	336 5	60 10 50 232	
6	282	571	583 5	306 258 48 281	42	946	343 5	68 18 50 282	
7	214	393	515 5	233 195 38 329	138	430	439 5	155 120 35 332	
				367	~~97~~	~~001~~	~~398 5~~	~~116 77 39~~ 367	
8	185	290	486 ~~169~~ 5	201 169 32	102	442	403 5	118 85 33 ~~406~~	
				399 ✓				400 ✓	
								399 ✓	
	1863	648 ✓			663	133 ✓		799 ✓	
	663	133 ✓							
BM. 201-110A	1200	515 ✓							B.M. 208-110A SOLEDAD CN. RD. & SIERRA HWY SEE F.B. 3730-51

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY D. FOULGER DATE 5-12-69
INDEXED H. E. OTT DATE 11 2 [illegible]
WEATHER WINDY 80°
TIME 1:40 TO 2:10
NOTES CHKD. [illegible] DATE
INST. NO. 96716
ROD NO. 95896
F.B. 2475 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 201-110A TO 201-111A
B.M. 201-110A 1	95	483	396 5	115 74 41	211	190	512 5	231 190 41	B.M. 201-110A SOLEDAD CN. RD. & SIERRA HWY
2	95	001	396 5	125 65 60	292	749	593 5	1/2 292 261 62	SEE F.B. 3730-51
3	10	525	311 5	1/2 35 10 101 50	288	527	589 5	1/2 288 263 103 50	
4	8	721	309 5	1/2 37 8 154 58	294	765	595 5	1/2 294 265 153 58	
5	70	425	371 5	100 40 209 60	243	715	544 5	773 213 211 60	⊼ G.E. DREIER
6	126	541	427 5	149 102 269 47	174	852	475 5	198 151 271 47	
7	144	360	445 5	163 125 316 38	172	051	473 5	189 154 318 35	
8	126	695	427 5	149 103 354 46	200	248	501 5	222 178 353 44	
				400				397	
								400	
	677	751			1878	097		797	
					677	751			
					1200	346			
B.M. 201-111A									B.M. 201-111A SOLEDAD CN. RD. & LUTHER DR. SEE F.B. 3730-55

F.B. 2475 PG. 224 JOB NO. 0301.02

SURVEY OF LA. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 5-12-69

INDEXED H. E. OTT DATE

WEATHER WINDY HAZE INST. NO. 96716

TIME TO 2:40 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE

80°

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 65°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 5-22-69 WEATHER HAZE INST. NO. 96716
INDEXED H.E. OTT DATE 11 25 69 TIME 9:20 TO 10:00 ROD NO. 95696
NOTES CHKD. [illegible] DATE [illegible]

F.B. 2475 PG 225

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM 201-110A TO 201-109
B.M. 201-110A							B.M. 201-110A
1	210 088	510 5	248 171 37	24 229	325 5	62 ½ 24 76	SIERRA HWY & SOLEDAD CN. RD. N.W. COR.
							SEE F.B. 3730-51
2	262 837	563 5	296 228 68 145	3 609	304 5	38 ½ 3 70 146	
3	211 184	512 5	248 173 75 220	12 312	313 5	50 ½ 12 76 222	⊼ D. FOULGER
4	250 032	551 5	284 216 68 288	90 139	391 5	124 56 68 290	
5	238 952	539 5	273 203 70 358	50 946	351 5	83 16 67 357	
~~6~~				~~33 292~~	~~334 5~~	~~66 ½ 33 66~~ ~~423~~	
6	193 255	494 5	206 180 26 384	120 513	421 5	133 107 26 383	
B.M. 201-109						384	B.M. 201-109
	1366 348			301 748		767	SIERRA HWY AT CULVERT 46.99
	301 748						SEE F.B. 2846-85
+	1064 600						

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 201-109 TO 201-110A
B.M. 201-109					203	975	504 5	240 165 75	B.M. 201-109
1	61	890	362 5	98 23 75	~~184~~	~~446~~	~~483 5~~	~~216 132 4~~	SIERRA HWY AT CULVERT 46.99
									SEE F.B. 2846-85
2	57	237	358 5	85 29 56	256	765	557 5	290 222 68	
				131				143	
3	18	212	319 5	1/2 55 18 74	246	019	547 5	277 214 63	
				205				206	
4	133	496	434 5	162 105 57	283	471	584 5	1/2 283 253 60	
				262				266	π = FOULGER
5	22	629	323 5	1/2 53 22 62	231	086	532 5	264 197 67	
				324				333	
6	90	822	391 5	119 61 58	227	926	528 5	253 202 51	
				382				384	
								382	
B.M. 201-110A	384	286			1449	242		766	B.M. 201-110A
					384	286			SIERRA HWY & SOLEDAD CNY RD.
					-1064	956			SEE F.B. 3730-51

T = 86°

WEATHER CLEAR INST. NO. 96716

TIME 9:40 TO 10:15 ROD NO. 95 & 96

NOTES CHKD [signature] DATE JAN 25 69

F.B. 2475 Pg. 226 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DEER NOTES SIEMANN 5-29-69

INDEXED H. E. OTT DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

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

NOTES BY SIEMANN DATE 5-29-69 TIME 10:35 TO 11:00 ROD NO. 95696

INDEXED H.E. OTT DATE 11 25 69 NOTES CHKD. [signature] DATE

F.B. 2475 PG. 227

STATION	BACKSIGHT RERUN RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM B.M. 201-110A TO B.M. 201-109
B.M. 201-110A									B.M. 201-110A
1	203	525	504.5	230 176 54	83	234	384.5	110 56 54	SIERRA HWY. & SOLEDAD CN. RD.
									SEE F.B. 3730-51
2	247	549	548.5	275 218 57	52	677	353.5	84 19 65	
				111				119	
3	292	693	593.5	292 254 76	93	911	394.5	126 59 67	
				187				186	RERUN
4	264	109	565.5	295 233 62	39	636	340.5	72 6 66	π = FOULGER
				249				252	
5	205	193	506.5	237 173 64	71	118	372.5	103 39 64	
				313				316	
6	237 ~~44~~	220	538.5	272 201 71	44	734	345.5	79 9 70	
				384 ✓				386 ✓	
								384 ✓	
B.M. 201-109	1450	289 ✓			385	310 ✓		770	B.M. 201-109
	385	310 ✓							SIERRA HWY. & CULVERT # 46-99
	+1064	979 ✓							SEE F.B. 2846-75

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 201-105 TO 201-104
B.M. 201-105									B.M. 201-105
1	270	602	571 5	298 242 56	39	860	340 5	67 11 56	Sierra Hwy. & Ho. #16801 See F.B. 2846-81
2	255	772	556 5	288 222 66	84	724	385 5	117 51 66	
3	250	397	551 5	288 212 122 76	76 ~~77~~	932	377 5	114 38 122 76	RERUN
4	253	703	554 5	287 219 198 68	74	570	375 5	108 40 198 68	(SHOULD HAVE BEEN RECORDED ON PAGE 241 G.E.D)
5	255	001	556 5	286 224 266 62	8	733	309 5	139 ½ 8 266 62	
6	299	657	600 5	½ 299 280 328 38	29	942	330 5	49 9 328 40	π Sieman
7	262	815	563 5	283 241 366 42	44	701	345 5	65 23 368 42	
8	298	481	599 5	½ 298 282 408 32	60	828	361 5	75 45 410 30	
				440				440 ✓	
								440 ✓	
	2146	428 ✓			420	290 ✓		880 ✓	
	420	290 ✓							
B.M. 201-104	1726	138 ✓							B.M. 201-104 Sierra Hwy. & Sand Cu. Rd. See F.B. 2846-80

F.B. 2475 Pg. 228 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY Dreier NOTES Foulger 5-29-69

INDEXED H. E. OTT DATE

WEATHER Clear & Hot INST. NO.

TIME 11:20 To 11:55 ROD NO.

NOTES CHKD. [illegible] DATE 23 69

T=96°

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 5-22-69
INDEXED H.E. OTT DATE [illegible]
WEATHER HAZE 66° INST. NO 96716
TIME 10:00 TO 10:40 ROD NO 95 & 96
NOTES CHKD. [illegible] DATE [illegible]
F.B. 2475 PG 229

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM 201-109 TO BM. 201-108
BM.201-109									BM.201-109
1	265	241	566 5	300 230 70	38	213	339 5	72 4 68	SIERRA HWY. AT CULVERT # 46.99
									SEE F.B. 2846-85
2	269	995	570 5	301 236 65 135	37	527	338 5	70 4 66 134	
3	257	114	558 5	291 223 68 203	46	768	347 5	80 12 68 202	
4	261	338	562 5	294 227 67 270	32	368	333 5	½ 67 32 65 267	⊼ D. FOUGER
5	257	702	558 5	298 215 83 353	19	412	320 5	½ 61 19 84 351	
6	213	003	514 5	232 193 39 392 ✓	44	692	345 5	63 25 38 389 ✓ 392 ✓	
BM.201-108									BM.201-108
	1524	393 ✓			218	980 ✓		781 ✓	SIERRA HWY & HILLFIELD LANE S.W. COR
	218	980 ✓							SEE F.B. 2846-84
+	1305	413 ✓							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 201-108 TO 201-109
B.M. 201-108									B.M. 201-108
1	30	960	331 5	53 / 30 46	245	728	546 5	269 / 221 48	SIERRA HWY & HILLFIELD LANE
									SEE F.B. 2846-84
2	71	261	372 5	101 / 41 60	271	078	572 5	302 / 240 62	
3	64	330	365 5	98 / 30 106 / 68	251	207	552 5	285 / 217 110 / 68	
4	33	687	334 5	68 / 33 174 / 70	260	068	561 5	294 / 226 178 / 68	R. SIEMANN
5	53	304	354 5	82 / 24 244 / 58	251	820	552 5	281 / 221 246 / 60	
6	50	718	351 5	78 / 22 302 / 56	240	738	541 5	268 / 212 306 / 56	
7	87	481	388 5	95 / 79 358 / 16	145	435	446 5	153 / 137 362 / 16	
8	107	967	408 5	114 / 100 374 / 14	139	308	440 5	144 / 134 378 / 10	
				388				388	
B.M. 201-109								388	B.M. 201-109
	499	708			1805	382		776	SIERRA HWY & CULVERT 46.99
					499	708			SEE F.B. 2846-85
					1305	674			

F.B. 2475 PG. 230 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 5-28-69

INDEXED H.E. OTT DATE

WEATHER LT. BR. HAZE INST. NO. 96716

TIME 2:20 TO 3:00 ROD NO. 95896

NOTES CHKD. [illegible] DATE 11 23 69

91

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Elel Dyeler WEATHER Clear 72°
NOTES BY Eugene DATE 5/22/69 TIME 10:40 To 11:05 INST. NO. 36716
INDEXED H. E. OTT DATE NOTES CHKD. DATE ROD NO. 95496
F.B. 2475 Pg. 231

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From 201-108 To 201-107
B.M. 201-108									B.M. 201-108
1	158	455	459.5	188 128 60	65	187	366.5	95 35 60	SIERRA Hwy & HILLFIELD LANE S.W. Cor
									SEE F.B. 2846-84
2	283	258	584.5	283 ½ 248 70 130	16	303	317.5	51 ½ 16 70 130	
3	281	640	582.5	281 ½ 244 74	4	422	305.5	140 ½ 4 72	
4	181	548	482.5	215 146 69 204	40	467	341.5	75 5 70 202	T Dyeler
5	281	373	582.5	281 ½ 241 80 273	6	340	307.5	47 ½ 6 82	
6	295	150	596.5	295 ½ 255 80 353	21	758	322.5	59 ½ 21 76 354	
				433				438	
								433	
	1481	424			154	477		863	
	− 154	477							
B.M. 201-107	+ 1326	947							B.M. 201-107
									SIERRA Hwy & Culvert #45.98
									SEE F.B. 2846-83

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2475 Pg. 232 — SURVEY OF L.A. Co. PRECISE LEVEL NET — JOB NO. 0301.02 — SURVEY BY DREIER — NOTES SIEMANN 5-28-69 — INDEXED H. E. OTT — DATE

T = 88°

WEATHER CLEAR — INST. NO. 96716 — TIME 1:40 TO 2:10 — ROD NO. 95896 — NOTES CHKD — DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-107 TO 201-108
B.M. 201-107									B.M. 201-107
1	65	310	366.5	102 27.75	232 265	533.5	270 194.76		SIERRA HWY & CULVERT #45.98
									SEE F.B. 2846-83
2	7	137	308.5	41 27.68	300 170	601.5	300 226.66		
				143				142	
3	34	727	335.5	63 5.58	207 482	508.5	236 178.58		
				201				200	
4	32	120	333.5	69 232.74	265 748	566.5	301 229.72		
				275				272	
5	14	818	315.5	50 214.72	280 999	581.5	280 224.70		
				347				342	
6	82	449	383.5	107 57.50	235 064	536.5	262 208.54		T = DREIER
				397				396	
7	123	862	424.5	132 114.18	194 962	495.5	203 185.18		
				415				414	
8	148	446	449.5	157 139.18	119 217	420.5	127 111.16		
				433				430	
								433	
B.M. 201-108	508869							863	B.M. 201-108
					1835907				SIERRA HWY. & HILLFIELD LANE
					508869				SEE F.B. 2846-84
					-1327038				

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-107 TO 201-106
B.M. 201-107									B.M. 201-107
1	248	777	549.5	288 208 80	42	346	343.5	82 2 80	Sierra Hwy., 1.5 mi. N.W.
2	254	420	555.5	290 218 72	12	871	313.5	49 ½ 12 74	Soledad Cn. Rd., 21' N.W. ℄
				152				154	CULVERT ℄ 45.98
3	262	376	563.5	303 221 82	36	983	337.5	78 ½ 36 84	SEE F.B. 2846-83
				234				238	
4	264	293	565.5	299 228 71	37	633	338.5	73 1 72	π Dreier
				305				310	
5	218	843	519.5	241 196 45	112	251	413.5	134 90 44	
				350				354	
6	191	249	492.5	208 179 34	73	262	374.5	90 56 34	
				384				388	
								384	
	1439	958			315	346		778	
	− 315	346							
B.M. 201-106	+ 1124	612							B.M. 201-106
									SIERRA HWY. OPPOS. HO. # 17145
									SEE F.B. 2846-82

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

SURVEY BY G.E. Dreier WEATHER Clear INST. NO. 86716

NOTES BY Foulger DATE 5/22/69 TIME 11:05 To 11:30 ROD NO. 95096

INDEXED H.E. OTT DATE 11 25 NOTES CHKD. [illegible] DATE

F.B. 2475 Pg. 233

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 201-106 TO 201-107
B.M. 201-106									B.M. 201-106
1	56	115	357.5	87 25 62	242	067	543.5	273 211 62	SIERRA HWY & HO.# 17145
									SEE F.B. 2846-82
2	55	559	356.5	91 20 71	269	454	570.5	305 233 72	
				133				134	
3	50	612	351.5	80 20 60	227	185	528.5	257 197 60	
				193				194	
4	51	822	352.5	88 14 74	281	270	582.5	281 244 74	
				267				268	π = DREIER
5	71	293	372.5	101 41 60	231	921	532.5	261 202 59	
				327				327	
6	32	417	333.5	61 3 58	190	837	491.5	219 161 58	
				385				385	
								385	
B.M. 201-107	317	818			1442	734		770	B.M. 201-107
					317	818			SIERRA HWY. & CULVERT # 45.98
					1124	916			SEE F.B. 2846-83

T=90°

WEATHER CLEAR INST. NO. 96716

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

NOTES CHKD [illegible] DATE [illegible]

F.B. 2475 PG. 234 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-28-69

INDEXED H. E. OTT DATE

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T: 62°
SURVEY BY G.E. DREIER
NOTES BY S.I. FEMANN
INDEXED F. E. OTT DATE 6-6-69 WEATHER OVERCAST INST. NO. 96716
DATE TIME 7:10 TO 9:30 ROD NO. 95 & 96
NOTES CHKD. DATE
F.B. 2475 Pg. 235

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
					RERUN				FROM 201-106 TO 201-107
B.M. 201-106									B.M. 201-106
1	58	203	359	5	254	444	555	5	SIERRA HWY & HO. # 17145
				86 29 57				283 225 58	SEE F.B. 2846-82
2	64	563	365	5	279	638	580	5	
				102 26 76 133				227 238 82 140	RERUN
3	59	954	360	5	241	413	542	5	π DREIER
				90 27 63 196				270 212 58 198	
4	59	696	360	5	274	637	575	5	
				94 24 70 266				309 239 70 268	
5	82	787	383	5	247	921	548	5	
				113 50 63 329				279 215 64 332	
6	61	955	362	5	214	339	515	5	
				88 33 55 384				240 188 52 384	
								384	
	387	158			512	392		768	
					387	158			
					-125	234			
B.M. 201-107									B.M. 201-107
									SIERRA HWY AT CULVERT # 45.98
									SEE F.B. 2846-83

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RERUN				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 201-107 TO 201-106
B.M.201-107									B.M.201-107
1	233	463	534 5	265 201 64	53	011	354 5	85 21 64	SIERRA HWY. & CULVERT #45.98
									SEE F.B. 2846-83
2	231	939	532 5	262 200 62 126	58	577	359 5	90 26 64 128	
3	243	550	544 5	274 212 62 188	42	360	343 5	73 11 62 190	RERUN
4	241	166	542 5	274 208 66 254	61	126	362 5	92 29 63 253	T = DREIER
5	240	502	541 5	269 211 58 312	65	040	366 5	95 35 60 313	
6	272	192	573 5	1/2 272 235 74 386	57	756	358 5	1/2 94 257 74 387	
								386	
	1462	812			337	870		773	
	337	870							
	+1124	942							
B.M201-106									BM.201-106
									SIERRA HWY. & HO #17145.
									SEE F.

T = 62°

WEATHER OVERCAST INST. NO. 96716

TIME 9:35 TO ROD NO. 95596

NOTES CHKD [illegible] DATE 11.23.69

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVELNET

SURVEY BY DREIER NOTES SIEMANN 6-6-69

INDEXED H. E. OTT DATE

F.B. 2475 PG. 236

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-106 TO 201-105
BM. 201-106									B.M. 201-106
1	186	300	487.5	216 156 60	65	247	366.5	95 35 60	Sierra Hwy., 1.0 Mi. S.W.
2	252	553	553.5	287 216 71	28	275	329.5	64 ½ 28 72	Sand Cn. Rd., 80' S. of Bldg. # 17145
3	246	392	547.5	280 131 211 69	41	396	342.5	132 76 6 70	SEE F.B. 2846-82
4	270	192	571.5	306 200 34 72	39	482	340.5	202 76 2 74	π Dreier
5	251	500	552.5	286 272 216 70	18	944	319.5	276 54 ½ 18 72	
6	285	522	586.5	285 342 ½ 252 66	78	828	379.5	348 109 ½ 78 62	
				408				410	
								408	
	1492	459			272	172		818	
−	272	172							
BM. 201-105 +	1220	287							B.M. 201-105
									Sierra Hwy., 0.5 mi., S.W.
									Sand CN RD, OPPOS. No. # 16801
									SEE F.B. 2846-81

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

SURVEY BY G.E. Dreier

NOTES BY Fowler DATE 5/22/69

INDEXED H. E. OTT DATE [illegible]

WEATHER Clear 84°

TIME 11:30 To 11:55

NOTES CHKD. [illegible] DATE [illegible]

INST. NO. 96216

ROD NO. 95496

F.B. 2475 Pg. 237

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-105 TO 201-106
B.M.201-105									B.M.201-105
1	103	215	404 5	128 78 50	260	341	561 5	286 234 52	SIERRA HWY & HO. # 16801
									SEE F.B 2846-81
2	50	242	351 5	81 19 62	279	332	580 5	279 247 64	
				112				116	
3	58	669	359 5	89 27 62	246	208	547 5	277 215 62	
				174				178	
4	41	827	342 5	77 5 72	264	521	565 5	300 228 72	
				246				250	
5	48	547	349 5	84 12 72	262	236	563 5	297 227 70	π = DREIER
				318				320	
6	77	331	378 5	105 49 56	247	136	548 5	275 218 57	
				374				377	
7	115	180	416 5	126 103 23	179	015	480 5	189 169 20	
				397				397	
8	134	246	435 5	139 129 10	110	814	411	114 105 9	
				407 ✓				406 ✓	
								407 ✓	
B.M.201-106	629	257 ✓			1849	603 ✓		813	B.M.201-106
					629	257 ✓			SIERRA HWY. & HO. # 17145
					-1220	346 ✓			SEE F.B. 2846-82

T = 86°

WEATHER CLEAR INST. NO. 96716

TIME 11:20 TO 12:00 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE [illegible]

F.B. 2475 Pg. 238 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-28-69

INDEXED H. E. UTT DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-105 TO 201-104
B.M. 201-105									B.M. 201-105
1	235	723	536.5	260 210 50	35	692	336.5	61 9 52	Sierra Hwy., 0.5 mi. S.W.
2	271	031	572.5	271 ½ 233 76	59	633	360.5	97 21 76	Sand Cn. Rd., 56' S. ℄
3	221	613	522.5	260 126 182 78	53	435	354.5	91 128 15 76	Hwy. @ Bldg. #16801
4	260	196	561.5	298 204 220 78	35	910	336.5	74 204 ½ 35 78	
5	291	222	592.5	291 282 ½ 256 70	6	790	307.5	39 282 ½ 6 66	⊼ C.E. DREIER
6	293	679	594.5	293 352 ½ 273 40	32	072	333.5	55 348 9 46	
7	278	307	579.5	293 392 263 30	48	512	349.5	62 394 33 29	
8	254	548	555.5	265 422 244 21	108	437	409.5	118 423 98 20	
				443				443	
								443	
B.M. 201-104	2106	319			380	451		886	B.M. 201-104
	380	481				8			SIERRA HWY & SAND CN. RD.
+	1725	868							SEE F.B. 2846-80
		3							

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

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

NOTES BY Foulger DATE 5/22/69 TIME 1:30 To 2:10 ROD NO. 95896

INDEXED H.E. OTT DATE JUL 25 69 NOTES CHKD. [illegible] DATE [illegible]

F.B. 2475 Pg. 239

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 201-104 TO 201-105
B.M. 201-104									B.M. 201-104
1	25	639	326.5	1/2 47 25 44	297	902	598.5	1/2 297 276 42	SIERRA HWY. & SAND CN. RD.
									SEE F.B. 2846-80
2	4	480	305.5	1/2 28 4 48	297	195	598.5	1/2 297 274 46	
				92				88	
3	9	229	310.5	1/2 30 9 42	293	775	594.5	1/2 293 271 44	
				134				132	
4	53	838	354.5	84 22 62	230	142	531.5	261 198 63	
				196				195	
5	107	998	408.5	136 78 58	190	822	491.5	220 161 59	
				254				254	π = DREIER
6	52	997	353.5	83 21 62	265	433	566.5	296 233 63	
				316				317	
7	83	967	384.5	112 54 58	219	964	520.5	249 190 59	
				374				376	
8	19	992	320.5	1/2 54 19 70	289	123	590.5	1/2 289 255 68	
				444 ✓				444 ✓	
								444 ✓	
B.M. 201-105	358	140 ✓			2084	356 ✓		888 ✓	B.M. 201-105
					358	140 ✓			SIERRA HWY. & HO. # 16801
					1726	216 ✓			SEE F.B. 2846-81

T = 82°

WEATHER CLEAR INST. NO. 96716

TIME 10:45 TO 11:15 ROD NO. 95896

NOTES CHKD. [illegible] DATE [illegible]

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-28-69)

INDEXED H. E. OTT DATE

F.B. 2475 PG. 240

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

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

SURVEY BY DREIER NOTES BY FOULGER DATE 5-29-69 WEATHER CLEAR TIME 11:20 TO 11:55 INST. NO. 96716 ROD NO. 25896 96°

INDEXED H. E. OTT DATE JUN 25 1969 NOTES CHKD DATE

F.B. 2475 Pg. 241

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 201-105 TO 201-104
B.M. 201-105									
1									
2									RERUN
3									
4									SEE PAGE 22B FOR RERUN
5									
6									
7									
8									
	2146428				420.290		Σ=	880	
	420290								
	+1726138								
B.M. 201-104									

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2475 PG. 242 JOB NO. 0301.02 INST. NO. 96716

SURVEY OF L.A. CO. PRECISE LEVEL NET ROD NO. 95-896

SURVEY BY DREIER NOTES SIEMANN 5-29-69 DATE

INDEXED H. E. OTT DATE

WEATHER CLEAR

TIME 2:45 TO 3:15

NOTES CHKD

T = 100°

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 201-104 TO B.M. 201-105
B.M. 201-104									B.M. 201-104
1	27	444	328 5	46 937	300	520	601 5	300 281 38	SIERRA HWY. & SAND CYN. RD.
									SEE F.B. 2846-80
2	30	538	331 5	53 7 46	295	366	596 5	295 272 46	
				83				84	
3	7	501	308 5	29 7 44	297	225	598 5	297 275 44	
				127				128	RERUN
4	61	351	362 5	85 37 48	222	176	523 5	246 198 48	
				175				176	T = DREIER
5	99	509	400 5	130 68 62	199	809	500 5	231 167 64	
				237				240	
6	66	804	367 5	102 30 72	289	753	590 5	289 254 70	
				309				310	
7	76	413	377 5	105 47 58	217	950	514 5	244 182 62	
				367				372	
8	18	172	319 5	56 18 76	294	922	595 5	294 257 70	
				443				442 ✓	
								443 ✓	
								885	
B.M. 201-105	387	732 ✓			211	3721 ✓			B.M. 201-105
						387732 ✓			SIERRA HWY. & HO# 16801
						1725989 ✓			SEE F.B. 2846-81

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 201-104 TO 201-103
B.M. 201-104									B.M. 201-104
1	226	463	527 5	257 / 195 62	82	088	383 5	115 / 49 66	SIERRA HWY & SAND CN.RD
									SEE F.B. 2846-80
2	161	265	462 5	191 / 130 61 / 123	60	843	361 5	91 / 29 62 / 128	
3	295	037	596 5	½ 295 / 2 267 56 / 179	48	897	349 5	72 / 24 48 / 176	⊼ D. FOULGER
4	88	057	389 5	107 / 68 39 / 218	266	268	567 5	287 / 245 42 / 218	
5	247	381	548 5	278 / 217 61 / 279	35	254	336 5	64 / 6 58 / 276	
6	297	533	598 5	½ 297 / 2 256 82 / 361	91	222	392 5	134 / 48 86 / 362	
B.M. 201-103								361	B.M. 201-103 (N.W. COR.)
	+1315	736			584	572		723	SIERRA HWY & VASQUEZ CN. RD.
	584	572							SEE F.B. 2846-79
	+731	164							

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

SURVEY BY G.E. DREIER

NOTES BY DREIER DATE 5-22-69

INDEXED H. E. OTT DATE JUL 25 '69

WEATHER HAZE, LT. BREEZE INST. NO 96716

TIME 2:15 TO 3:00 ROD NO 95 & 96

NOTES CHKD [signature] DATE

F.B. 2475 Pg. 243

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 201-103 TO 201-104
B.M. 201-103													B.M. 201-103
1	179	070	480	5	206 152	54	218	920	519	5	244 192	52	SIERRA HWY & VASQUEZ CN. RD.
													SEE F.B. 2846-79
2	29	095	330	5	55 3	52 106	298	549	599	5	½ 298 271	54 106	
3	83	708	384	5	109 57	52 158	58	040	359	5	88 28	60 166	
4	110	757	411	5	142 78	64 222	300	220	601	5	½ 300 268	64 230	↑ R. SIEMANN
5	44	710	345	5	73 15	58 280	181	082	482	5	214 148	66 296	
6	119	632	420	5	153 85	68 348	241	288	542	5	270 212	58 354	
B.M. 201-104												348	B.M. 201-104
	566	972					1298	099				702	SIERRA HWY & SAND CN. RD.
							566	972					SEE F.B. 2846-80
							731	127					

F.B. 2475 PG. 244

JOB NO. 2301.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 5-28-69

INDEXED H. E. OTT DATE

78°

WEATHER CLEAR

TIME 9:40

NOTES CHKD [illegible]

INST. NO. 96716

ROD NO. 95 E 96

DATE [illegible]

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 5-23-69

INDEXED H. E. OTT DATE [illegible]

WEATHER OVERCAST 59°

TIME 9:00 TO 9:40

NOTES CHKD. [illegible] DATE [illegible]

INST. NO 96716

ROD NO 95

F.B. 2475 PG. 245

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 201-103 TO 201-102
B.M. 201-103									B.M. 201-103
1	250	484	551 5	286 214 72	93	729	394 5	128 58 70	SIERRA Hwy & VASQUEZ CN. RD. N.W. COR.
									SEE F.B. 2846-79
2	276	408	577 5	276 ½ 242 68	6	050	307 5	38 ½ 6 64	
3	300	209	601 5	300 ½ 266 140 68	53	527	354 5	90 ½ 53 134 74	D. FOULGER
4	277	218	~~30~~ 578 5	307 247 208 60	54	795	355 5	85 23 208 62	
5	247	089	548 5	279 215 268 64	68	918	369 5	101 34 270 67	
6	216	670	517 5	240 192 332 48 380	68	036	369 5	90 46 337 ~~44~~ 381	
B.M. 201-102								380	B.M. 201-102
	1568	078			345	055		761	SIERRA Hwy & CULVERT 43.57
	345	055							SEE F.B. 2846-78
+	1223	023							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2475 Pg. 246 JOB NO. 0301.02 SURVEY OF L.A. Co. PRECISE LEVEL NET SURVEY BY DREIER NOTES S.G. DREIER 5-28-69 INDEXED H.E. OTT DATE

78° WEATHER CLEAR TIME 9:40 TO NOTES CHKD INST. NO 96716 ROD NO 25-896 DATE Oct. 23 '69

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From 201-102 To 201-103
					23 3				
B.M. 201-102									B.M. 201-102
1	27 732	328 5		½ 61 27 68	231 561	532 5		264 198 66	SIERRA Hwy & CULVERT 43.57
									SEE F.B. 2846-78
2	59 281	360 5		94 25 69	243 762	544.5		278 208 70	
3	41 288	342 5		76 6 137 70	264 750	565.5		301 227 136 74	
				207				210	R. SIEMANN
4	5 268	306 5		½ 33 5 56	298 700	599.5		½ 298 271 54	
5	58 532	359 5		82 34 263 48	234 075	535.5		258 210 264 48	
6	92 537	393 5		124 60 311 64	235 268	536 5		267 203 312 64	
				375				376	
B.M. 201-103								375 751	B.M. 201-103
	284 638				1508 116				SIERRA Hwy & VASQUEZ CN. RD.
					284 638				SEE F.B. 2846-79
					1223 478				

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

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

SURVEY BY G. DREIER

NOTES BY J. STROUD DATE 6-2-69

INDEXED H. E. OTT DATE JUL 25 [illegible]

WEATHER CLEAR 68°

TIME 0915

NOTES CHKD. [illegible] DATE [illegible]

INST. NO.

ROD NO. 95 & 96

F.B. 2475 Pg. 247

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	33422				2223				FROM 201-103 TO 201-102
BM 201-103									BM 201-103
1	258	820	559 5	298 / 218 80	79	098	380 5	118 / 40 78	SIERRA HWY & VASQUE RD.
2	294	912	593 5	294 / 2632 62	8	618	309 5	137 / 28 58	
				142				136	RE RUN
3	295	678	596 5	295 / 2270 50	44 / 26	760	345 5	73 / 15 58	
				192				194	TT R SEIMANN
4	232	790	533 5	263 / 201 62	84	039	385 5	114 / 54 60	
				254				254	
5	256	509	557 5	286 / 226 60	82	200	383 5	113 / 51 62	
				314				316	
6	243	764	544 5	274 / 212 62	60	357	361 5	89 / 31 58	
				376				374	BM 201 102
								376	SIERRA HWY & CULVERT #43.75
	1582473				359072			750	SEE FB 2846-78
	359072								
+	1223401								

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2475 PG. 248 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY Dreier NOTES Faulger 5-29-69

INDEXED H. E. OTT DATE

T=100°

WEATHER Clear-windy INST. NO. 95716

TIME 1:35 To ROD NO. 95896

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-102 TO 201-103
B.M. 201-102									B.M. 201-102
1	34	632	335 5	68 ½ 34 68	237	290	538 5	271 203 68	Sierra Hwy. in culvert
2	59	770	360 5	95 23 72 140	257	473	558 5	293 221 72 140	# 43.59
3	48	055	349 5	88 8 80 220	296	410	597 5	1296 2257 78	RERUN
4	22	120	323 5	46 ½ 22 48 268	277	226	578 5	300 254 218 46	T Sieman
5	18	402	319 5	150 ½ 18 64 332	220	435	521 5	252 188 264 64	
6	127	156	428 5	150 104 46 378	244	632	545 5	265 221 328 46	
								374 ✓ 378 ✓	
	310	135 ✓			1533466 ✓			752 ✓	
					-310135 ✓				
B.M. 201-103					-1223331 ✓				B.M. 201-103
									Sierra Hwy at culvert
									near Vasquez Cn. Rd.
									SEE F.B.

F.B. 2475 Pg. 249

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

SURVEY BY _____ WEATHER _____ INST. NO. _____

NOTES BY _____ DATE _____ TIME _____ ROD NO. _____

INDEXED _____ DATE _____ NOTES CHKD _____ DATE _____

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
									CONTINUED IN F.B. 2478

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

Do not extend notes this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

76P526 CE # 308 3-65

F.B. 2475 Pg. 250

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER

TIME

NOTES CHKD

2475

RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA

FROM TO

DESCRIPTION AND REMARKS