Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET F. B. 2481 PG. 5
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes Date
Date	Indexed C. J. GALLI NOV 2 8 '69

JOB NO. 0301.02.

L.A.Co. PRECISE LEVEL NET

LINE NO. 209

DIFFERENCES IN ELEVATION

SEE F.B. 3734-7 TO 102 FOR DESCRIPTIONS

DREIER
MALDONADO
SIEMANN
STROUD
MCKNIGHT

2481

Microfilmed July '85

2481
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
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40

F. B. 2481 PG. 6

ROUTE

SEE F.B. 3734 - 8 & 9 FOR ROUTE SKETCH

BOUQUET CANYON ROAD FROM ELIZABETH LAKE ROAD TO VASQUEZ CANYON ROAD

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JEP526 CE # 308 [illegible]

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103 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 9-19-69

INDEXED C. I. CALLI DATE NOV 28 '69

WEATHER LT. WIND INST. NO. 96716

TIME 10:35 to 10:40 ROD NO. 95896

NOTES CHKD. DATE

F.B. 2481 PG. 7

T = 78°

STATION	NEAR BACKSIGHT						FAR FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM _____ TO _____
			DETERMINATION OF "C"										
1	149	297	450	5	151 / 147	4	150	668	451	5	177 / 123	54	54 M. - 4 M. = 50 M. = 0.20 M.M.
2	153	349	454	5	155 / 151	4	152	041	453	5	179 / 125	54	54 M. - 4 M. = 50 M. = 0.20 M.M.
	302	646				8	302	709				108	CUR. CORR = 0.40 M.M.
								- 040				8	
								669				100	
								646					
							000	023					
								- .002 M.M. = "C"					
							100)	023					
													(AFTER ADJUSTMENT)

76P526 CE # 308 3-65

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

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

NOTES BY Maldonado DATE 9-22-69 TIME 1:45 ROD NO 93496

INDEXED C.J. GALLI DATE NOTES CHKD DATE

F.B. 2481 Pg. 9

STATION	Near BACKSIGHT Rod						Far FORESIGHT Rod						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM _____ TO _____
			Determination of "C"										
					160						275		
1	158	795	459	5	156	4	248	703	549	5	221	54	54MM − 4M = 50M = 0.20 MM
					147						82		
2	145	700	446	5	143	4	55	761	356	5	28	54	MM − M = M = 0.20 MM
						8						108	
	304	495					304	464					Curv. Corr. = 0.40 MM
	304	424						040					
		0.71 MM					304	424					

+ 0.007 MM = "C"

100) 0.710

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	156	536	457	5	158 154	4	179	041	480	5	207 151	56	56 M-4M=52M=0.20 MM
2	155	168	456	5	157 153	4	132	520	433	5	160 104	56	56 M-4 M=52M=0.20 MM
						8						112	
	311	704					311	561					Curv. Corr. = 0.40 MM
	311	521						040					
		1.83 MM					311	521					

+ 0.018 MM = "C"

100) 1.830
100
830

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 9-23-69 WEATHER Sunny & Calm INST. NO. 96711

INDEXED G.J. GALLI DATE TIME 9:25 ROD NO. 95896

NOTES CHKD. DATE

T-74°

F.B. 2481 PG. 11

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 9-24-69

WEATHER Sunny & Calm

TIME 3:05

INST. NO. 96716

ROD NO. 95896

F.B. 2481 Pg. 13

T-90°

STATION	Near BACKSIGHT Rod						Far FORESIGHT Rod						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM _____ TO _____
					Determination of "C"								
1	146	270	447	5	148 144	4	095	095	396	5	121 269	52	52M - 4 M = 48 M = 0.20 MM
2	~~171~~ 171	201	472	5	173 169	4	222	228	523	5	248 196	52	52M - 4 M = 48 M = 0.20 MM
						8						104	
	317	471					317	323					Curv. Corr. = 0.40 MM
	317	283						040					
		188 MM					317	283					

+ 0.018 MM = "C"

(104) 1880
104
840

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

T-~~64~~° T-58°

F.B. 2481 PG. 15

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

NOTES BY Maldonado DATE 10-17-69 TIME 9:10 to 9:15 ROD NO. 95896

INDEXED C.J. GALLI DATE NOTES CHKD DATE

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ___ TO ___
				Determination of C					
1	159	571	460 5	161 157 4	162	530	463 5	186 ~~159~~ 134 52	52M - 4M = 48M = 0.20 MM
2	156	620	157 5	158 154 4	153	758	454 5	179 127 52	52M - 4M = 48M = 0.20 MM
				8				104	Curv. Corr. = 0.40 MM
	316	191			316	288			
						040			
					316	248			
					316	191			
						057 MM			

— 0.005 MM = C

104 | 0570
520
50

76P526B CE # 308 8/68

76P526B CE # 308 8/68

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

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

NOTES BY G.E. DREIER DATE 10-20-69 TIME 10:00 ROD NO. 95 & 96

INDEXED C.J. GALLI DATE NOTES CHKD. DATE

F.B. 2481 PG. 17

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
		DETERMINATION OF "C"					
1	126 770	427 5	128 124 4	45 382	346 5	72 18 54	54 M − 4 M = 50 M = 0.20 mm
2	145 871	446 5	147 143 4	227 603	528 5	254 200 54	54 M − 4 M = 50 M = 0.20 mm
			8			108	
						8	CURV. CORR = 0.40 mm
	272 641			272 985		100	
				040			
				272 945			
				272 641			
				100) 3.04	−0.030		
1	145 861	446 5	147 143 4	227 541	528 5	254 200 54	
				~~44~~			
2	126 587	427 5	128 124 4	44 993	345 5	71 17 54	AFTER ADJUSTMENT
			8			108	
						8	
	272 448			272 534		100	
				040			
				272 494			
				272 448			
				100) 0.46	−0.005 mm = "C"		

76P526B CE # 308 8/68

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

SURVEY BY G. E. DREIER

NOTES BY STROUD DATE 10-21-69

INDEXED C. J. GALLI DATE

WEATHER OVER CAST T61° INST. NO. 96716

TIME 09:40 ROD NO. 96895

NOTES CHKD. DATE

F.B. 2481 PG. 19

STATION	NEAR ~~BACKSIGHT~~ RIGHT MIC.	LEFT.	STADIA	~~FORESIGHT~~ FAR RIGHT MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"						
1	154 692	455 5	156 / 152 4	118 241	119 5	145 / 91 54	54M − 4M = 50M = 0.20 MM
2	158 582	459 5	160 / 156 4	194 822	495 5	321 / 167 54	54M − 4M = 50M = 0.20 MM
	313 274		8	313 063		108	CUR. CORR = 0.40 MM
	313 023			040			
	251			313 023			
	100 / 102.51 = 00.025						
1.	158 591 ~~194~~	459 5	160 / 156 4	194 962	495 5	321 / 167 54	AFTER ADJ.
2.	157 245	458	159 / 155 4	120 879	421	147 / 93 54	
			8			108	
						8	
						100	
	315 836			315 839			
	315 799			040			
	37			315 799			
	+ .004 / 5 MM = C						
	100 / 0.37						

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

STATION	Near ~~BACKSIGHT~~ Rod				Far ~~FORESIGHT~~ Rod				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				Determination of "C"					
1	141	120	442 5	143 139 4	71	888	372 5	98 44 54	54M-4M=50M= 0.20 MM
2	151	110	452 5	153 149 4	220	304	521 5	247 193 54	54M-4 M=50M=0.20 MM
				8				108 8	
	292	230			292	192		100	Corr. Curv.: 0.40 MM
	292	152				040			
		0.78 MM			292	152			
					~~292~~	~~230~~			
						~~22~~			

+ 0.0088 MM = "C"

100) 0.7800
700
800

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

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

NOTES BY Maldonado DATE 10-22-69 TIME 9:45 ROD NO. 95 & 96

INDEXED C. J. GALLI DATE _____ NOTES CHKD _____ DATE _____

T-56°

F.B. 2481 PG. 21

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 60°
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO 96716
NOTES BY SIEMANN DATE 10-23-69 TIME 9:40 TO 9:50 ROD NO 95496
INDEXED C. J. GALLI DATE NOTES CHKD DATE
F.B. 2481 PG. 23

STATION	NEAR BACKSIGHT Right Mic.	Left.	Stadia	FAR FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From ____ To ____
		DETERMINATION OF "C"					
1	150 099	451 5	152 148 4	125 587	426 5	152 98 54	54 M. - 4 M. = 50 M. = 0.20 MM.
2	117 592	418 5	119 115 4	142 029	443 5	169 115 54	54 M. - 4 M. = 50 M. = 0.20 M.M.
	267691		8	267616		108	COR. CORR = 0.40 M.M.
	267576			- 040		8	
	115			576		100	

+0.0115 MM = "C"
100)115

76P526B CE # 308 8/68

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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.	159	121	460 5	161 157 4	117	634	418 144 90	54	54M-4M=50M= 0.20MM
2.	151	701	452 5	153 149 4	193	168	494 220 166	54	54M-4M=50M= 0.20MM CUR. CORR= 0.40MM
	310	822			310	802			
	310	762				40			π SIEMANN
		060			310	762			

+ .006 MM = C

100) 0.600

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

SURVEY BY G. E. DREIER

NOTES BY STROUD DATE 10-24-69

INDEXED C. J. GALLI DATE

WEATHER CLOUDY

TIME 09:10

NOTES CHKD

INST. NO 86716

ROD NO 95896

DATE

F-56

F.B. 2481 PG. 25

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

STATION	Near BACKSIGHT Rod			Far FORESIGHT Rod			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF "C"						
1	148690	449 5	50 46 4	72804	373 5	99 45 54	54 m − 4 m = 50 m = 0.20 mm
2	141155	442 5	143 139 4	216880	517 5	243 189 54	54 m − 4 m = 50 m = 0.20 mm
			8			108	
						4	
	289845			289684		100	CURV. CORR. = 0.40 mm
	289644			040			
	201 mm			289644			
	+ 0.020 mm = "C"						
	100) 2010						
	200						
	0010						
	Re-Run						
1	147673	448 5	149 145 4	223436	524 5	250 196 54	54 M − 4 M = 50 M = 0.20 MM
2	148648	449 5	150 146 4	72820	373 5	99 45 54	54 M − 4 M = 50 M = 0.20 MM
			8			108	
						8	Curv. Corr. = 0.40 MM
	296321			296256		100	
	216			040			
	1.05			296216			
	+ 0.0105 MM = "C"						
	100) 1.0500						
	100						
	500						

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

SURVEY BY G.E. DREIER

NOTES BY Maldonado DATE 10-27-69

INDEXED C.J. GALLI DATE

WEATHER Sunny & Calm

TIME 10:20

NOTES CHKD.

INST. NO. 96716

ROD NO. 95496

DATE

T-76°

F.B. 2481 PG. 27

76P526B CE # 308 8/68

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JOB NO. 030102 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 10-28-69 TIME 9:30 WEATHER CLEAR LT BR INST. NO. 86716
INDEXED G.J. GALLI DATE NOTES CHKD. DATE ROD NO. 25 & 26
T=69°F
F.B. 2481 PG. 29

STATION	NEAR BACKSIGHT Right Mic.	Left.	Stadia	FAR FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From ___ To ___
	DETERMINATION OF "C"						
1	153167	4545	155 151 4	201 651	92 5	228 174 54	54m - 4m = 50m = 0.20mm.
2	136.996	437 5	138 134 4 8	88467	389 5	115 61 54 108 8	5m - 8m = m = 0.20 mm
	290163			290 118		100	CURV. CORR. = 0.40 mm
				040			
	290078			290 078			
	085						
	+ .008 mm = c 100 / 0.85						

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 64°
SURVEY BY G.E. DREIER WEATHER VERY WINDY INST. NO 96716
NOTES BY G.E. DREIER DATE 10-29-69 TIME 10:15 ROD NO 95896
INDEXED C. J. GALLI DATE NOTES CHKD DATE
F.B. 2481 PG. 31

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS (From ____ To ____)
	DETERMINATION OF "C"						
1	146 751	447 5	148 144 4	248 908	549.5	275 221 54	54M - 4m = 50m = 0.20 mm
2	144 671	4455	146 142 4 8	42600	3435	169 42 54 108 8	m - 4m = 0.20 mm
	291422			291508 040 291 468 291 422 046			CURV. CORR. 0.40 mm
				− 0.005 mm = C 100) 046			

76P526 CE # 308 3-65

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY C.E. DREIER WEATHER 60 CLEAR WINDY
NOTES BY C.E. DREIER DATE 10-30-69 TIME 9:30 INST. NO. 96716
INDEXED G.J. GALLI DATE NOTES CHKD DATE ROD NO. 95894
F.B. 2481 Pg. 33

STATION	NEAR ~~BACKSIGHT~~ RIGHT	MIC.	LEFT.	STADIA	FAR ~~FORESIGHT~~ RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
1	129	053	430 5	131 127 4	30	281	331 5	57 3 54	54 m - 4 m = 50 m = 0.20 mm
2	137	011	438 5	139 135 4 8	235	800	536 5	262 208 54 108 8	54 m - 4 m = 50 m = 0.20 mm
	266	064			266	081		100	
	266	041				040			CURV. CORR. 0.40 mm
		023			266	041			
	+ 0.002 mm = C								
	100) 0.23								

76P526B CE # 308 8/68

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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	672	458 5	159 / 15~~5~~ 4	254	453	555 5	282 / 226 56	56 M − 4 M = 52 M = 0.20 MM
2	159	569	460 5	161 / 157 4	62	705	363 5	90 / 34 56	56 M − 4 M = 52 M = 0.20 MM
									Curv. Corr. = 0.40 MM
	317	241		8	317	158		112	
	317	118				−040		8	
		123			317	118		104	
	+ .012		M.M. = "C"						
	100) 123								

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

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

NOTES BY SIEMANN DATE 10-31-69 TIME _____ ROD NO. 95896

INDEXED C. J. GALLI DATE _____ NOTES CHKD _____ DATE _____

T-

F.B. 2481 PG. 35

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 11-3-69 WEATHER BREEZY TIME 9:15 TO 9:25 INST. NO. 96716
INDEXED G. GALLI DATE NOTES CHKD DATE ROD NO. 95596
F.B. 2481 PG. 37

STATION	NEAR BACKSIGHT Right Mic.	Left.	Stadia	FAR FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From ___ To ___
			DETERMINATION OF "C"				
1	149 809	450 5	151 / 147 4	221 288	522 5	248 / 194 54	54 M. - 4 M. = 50 M. = 0.20 MM.
2	147 218	448 5	149 / 145 4	75560	376 5	103 / 47 54	54 M - 4 M. = 50 M. = 0.20 MM.
	297 027		8	296 848		108	CUR. CORR. = 0.40 M.M.
	296 808			- 040		8	
	219			296 808		100	
	+ .022 M.M. = "C"						
	100)2.19						
1	142 612	443 5	144 / 140 4	70 975	371 5	98 / 42 56	56 M. - 4 M. = 52 M. = 0.20 MM
2	151 344	452 5	153 / 149 4	222839	523 5	250 / 194 56	56 M. - 4 M. = 52 M. = 0.20 M.M.
	293 956		8	293 814		112	CUR. CORR. = 0.40 M.M.
	293 774			- 040		8	
	182			293 774		104	
	+ .017 M.M. = "C"						
	104)1.82						
	104						
	780						
	728						

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				Determination of "C"					
1	156	141	457 5	158 154 4	59	280	360 5	86 32 54	54 M - 4 M = 50 M = 0.20 MM
2	158	739	459 5	160 156 4	255	489	556 5	282 228 54	54 M - 4 M = 50 M = 0.20 MM
	314	880		8	314	769		108	Curv. Corr. = 0.40 MM
	311	729			-	040		8	
		151				729		100	

+ .015 M.M. = "C"

100)1.51

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

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

NOTES BY Maldonado DATE 11-4-69 TIME ROD NO. 95896

INDEXED C. J. GALLI DATE NOTES CHKD DATE

T-

F.B. 2481 PG. 39

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier WEATHER Overcast INST. NO. 96716
NOTES BY Maldonado DATE 11-5-69 TIME 11:35 ROD NO. 95-E96
INDEXED C.J. GALLI DATE NOTES CHKD DATE
T-57°
F.B. 2481 PG. 41

STATION	Near BACKSIGHT Right Mic.	Left.	Stadia	Far FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From — To
				Determination of "C"			
1	168562	469 5	170 166 4	220462	521 5	247 193 54	54M - 4M = 50M = 0.20MM
2	151830	452 5	153 149 4 8	99999	400 5	126 72 54 108 8	54M - M = M = 0.20MM
	320392 ~~320~~			320461 040 320421 320392 0.29 MM		100	Curv. Corr. = 0.40. MM

0029 MM = "C"

100) 0.2900
200
900
900

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 52°
SURVEY BY G. E. DREIER
NOTES BY SIEMANN
INDEXED G. J. GALLI
DATE 11-07-69
WEATHER OVERCAST
TIME 11:30 TO 11:40
INST. NO 96716
ROD NO 25896
DATE
NOTES CHKD
DATE
F.B. 2481 PG. 43

STATION	NEAR BACKSIGHT Right Mic.	Left.	Stadia	FAR FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From ____ To ____
		DETERMINATION OF "C"					
1	149 600	450 5	151 147 4	108 731	409 5	136 80 56	56 M. - 4 M. = 52 M. = 0.20 MM.
2	161 269	462 5	163 159 4	202 015	503 5	230 174 56	56 M. - 4 M. = 52 M. = 0.20 MM.
	310 869		8	310 746		112	CUR. CORR = 0.40 M.M.
	706			-040		8	
	163			310 706		104	

+ .0156 M.M. = "C"

104)1.63
104
590
520
700

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 74°
SURVEY BY G.E. DREIER WEATHER PTLY CLOUDY INST. NO 96716
NOTES BY SIEMANN DATE 11-12-69 TIME 9:15 TO 9:20 ROD NO 95896
INDEXED G. J. GALLI DATE NOTES CHKD DATE
F.B. 2487 PG. 45

STATION	NEAR BACKSIGHT Right Mic.	Left.	Stadia	FAR FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From ____ To ____
			DETERMINATION OF "C"				
1	147961	4485	149 145 4	151220	4525	178 124 54	54 M. - 4 M. = 50 M. = 0.20 MM.
2	157044	4585	159 155 4	153651	4545	180 126 54	54 M. - 4 M. = 50 M. = 0.20 M.M
	305005		8	304871		108	CUR. CORR. = 0.40 M.M.
	304831			- 040		8	
	174			831		100	
				0			
	+ .017 M.M. = "C"						
	100)1.74						

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	NEAR ~~BACKSIGHT~~ RIGHT	MIC.	LEFT.	STADIA	~~FORESIGHT~~ FAR RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF 'C'						
1.	146	802	447 5	148 / 144 4	40	075	341 5	67 / 13 54	54M-4M=50M= 20MM
2	120	610	421 5	122 / 118 4 / 8	227	130	528 5	254 / 200 54	54M-4M=50M= 20MM
	267	412			267	203		108	
	267	163				40		8	CUR. CORR=40MM
		249			267	163		100	
					'RERUN'				
1.	148	341	449 5	150 / 146 4	72	689	373 5	99 / 45 54	54M-4M=50M= 20MM
2.	155	049	456	157 / 153 4 / 8	230	543	531	257 / 203 54	54M-4M=50M= 20MM
	303	390			303	232		108	
	303	192				40		8	CUR CORR=40MM
		198			303	192		100	

.0198 MM=C

100) 1.98

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

SURVEY BY G E DREIER

NOTES BY STROUD DATE 11-13-69

INDEXED G.J. GALLI DATE

WEATHER CLEAR

TIME 09:20

NOTES CHKD

DATE

INST. NO 96716

ROD NO 95896

T-67

F.B. 2481 PG. 47

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

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

NOTES BY SIEMANN DATE 11-14-69 TIME 9:05 TO 9:10 ROD NO. 95896

INDEXED C.J. GALLI DATE NOTES CHKD DATE

F.B. 2481 PG. 49

STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
1	149	452	450 5	151 / 147 4	77	349	378 5	104 / 50 54	54 M. - 4 M = 50 M. = 0.20 MM
2	157	153	458 5	159 / 155 4	229	145	530 5	256 / 202 54	54 M - 4 M = 50 M = 0.20 MM
	306	605		8	306	494		108	CUR. CORR. 0.40 MM.
	306	454			-	040		8	
		151				454		100	

+ .015 M.M. = "C"

100)151

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 52°
SURVEY BY G. E. DEEIER WEATHER CLEAR INST. NO. 96716
NOTES BY SIEMANN DATE 11-17-69 TIME 10:22 TO 10:15 ROD NO. 95496
INDEXED C. J. GALLI DATE NOTES CHKD DATE
F.B. 2481 PG. 51

STATION	NEAR BACKSIGHT Right Mic.	Left.	Stadia	FAR FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From ____ To ____
		DETERMINATION OF "C"					
1	130 074 (86)	431 5	132 / 128 4	51 869	352 5	78 / 24 54	54 M. - 4 M. = 50 M. = 0.20 M.M.
2	156 721	457 5	158 / 154 4	235 052	536 5	262 / 208 54	54 M. - 4 M. = 50 M. = 0.20 M.M.
	286 807		8	286 921		108	CUR. CORR. = 0.40 M.M.
				- 040		8	
				881		100	
				286 807			
				074			
				- .007 M.M. = "C"			
				100) 0.74			

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	Near BACKSIGHT Rod				Far FORESIGHT Rod				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM _____ TO _____
			Determination of "C"						
1	156 653	457 5	158 154	4	158 093	459 5	185 130	54	54M-4M=50M=0.20 MM
2	158 508	459 5	160 156	4	156 905	457 5	183 129	54	54M-4 M=50 M=0.20 MM
				8				108	
								8	
	315 161				314 998			100	Curv. Corr. = 0.40 MM
	314 958				040				
	0 1.03 MM				314 958				

+ 0.010 MM = "C"

100) 1.030
100
30

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-18-69 WEATHER Sunny & Windy INST. NO. 96716

INDEXED C. J. GALLI DATE TIME 11:50 ROD NO. 95496

NOTES CHKD. DATE

T. 52°

F.B. 2481 PG. 53

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 11-19-69

INDEXED C. J. GALLI DATE

WEATHER Sunny & Breezy

TIME 9:40

NOTES CHKD. DATE

INST. NO. 96716

ROD NO. 95896

T-52°

F.B. 2481 PG. 55

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	298	457 5	158 154 4	161	263	462 5	188 134 54	54M-4M=50M= 0.20 MM
2	154	934	455 5	156 152 4	150	007	451 5	177 123 54	54M-4M=50M= 0.20 MM
				8				108	
								8	
	311	232			311	270		100	Curv. Corr. = 0.40 MM
	311	230				040			
		0,02 MM			311	230			
			0.000 MM = "C"						
		100)	0.020						

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 111-14A TO B.M. 111-14B
B.M. 111-14A							B.M. 111-14A (P.G. -1)
1	18381	319 5	36 36	278268	579 5	295 261 34	ELIZABETH LAKE RD, 0.2 MI. W. OF GODDE HILL RD.
2	172841	473 5	206 138 68 104	50486	351 5	83 17 66 100	SEE F.B. 1847-40
3	178066	479 5	198 158 40 144	52570	353 5	71 33 38 138	π = MALDONADO
4	135261	436 5	139 131 8 152	52,078	353 5	58 46 12 150	
B.M. 111-14B						152	B.M. 111-14B
	504549			433342		302	ELISABETH LAKE RD. 0.4 MI. E. OF BOUQUET CN RD
	433342						SEE F.B. 1834-36
	+71207						

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

SURVEY BY G. E. DREIER

NOTES BY S. IEMANN DATE 10-20-69

INDEXED C. J. GALLI DATE

WEATHER CLEAR-LT. WIND T = 62°

TIME 10:00 TO 10:45

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95896

F.B. 2481 PG. 57

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 111-14B TO 111-14A
B.M. 111-14B									B.M. 111-14B
1	154	647	455 5	184 124 60	198	568	499 5	228 168 60	ELISABETH LAKE RD 0.2 MI. W. OF GODDE HILL RD.
2	76	380	377 5	114 38 76	103	522	404 5	141 65 76	SEE
				136				136	
								136	
	231	027			302	090		272	
					231	027			π = MALDONADO
					71	063			
B.M. 111-14A									B.M. 111-14A ELIZABETH LAKE RD 0.2 MI. W. OF GODDE HILL RD. SEE F.B. 1847-40

T = 70°

WEATHER LT. WIND INST. NO. 96716

TIME 2:45 TO 2:55 ROD NO. 95296

NOTES CHKD. [signature] DATE

F.B. 2481 PG. 58 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-30-69

INDEXED DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 111-14B TO B.M. 111-15
B.M. 111-14B									B.M. 111-14B
1	205	257	506 5	234 176 58	152	121	453 5	185 119 66	ELISABETH LAKE RD. & 0.4 MI. E. OF ELIZABETH LAKE RD
2	179	065	480 5	189 169 20	24	780	325 5	28 18 10	SEE F.B. 1834-36
				78				76	π = MALDONADO
B.M. 111-15								78	B.M. 111-15
	384	322			176	901		154	ELISABETH LAKE RD. & HO.# 7650
	176	901							SEE F.B. 2437-27
	+ 207	421							

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

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

NOTES BY SIEMANN DATE 10-20-69 TIME 10:45 TO 11:35 ROD NO. 95496

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE

F.B. 2481 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 111-15 TO 111-14B
B.M. 111-15									B.M. 111-15
1	47	689	348.5	70 24 46	184	260	485.5	207 161 46	ELIZABETH LAKE RD. E. OF BOUQUET CN. RD.
2	85	528	386.5	102 68 34	156	429	457.5	173 139 34	SEE F.B. 2437-27
				80				80	
B.M. 111-14B								80	B.M. 111-14B
	133	217			340	689		160	ELIZABETH LAKE RD. 0.4 MI. E. OF BOUQUET CN. RD.
					133	217			
					207	472			SEE F.B. 1834-36

F.B. 2481 PG. 60 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-30-69

INDEXED C. J. GALLI DATE

WEATHER LT. WIND INST. NO. 96716

TIME 2:30 TO 2:45 ROD NO. 95896

NOTES CHKD [illegible] DATE

T = 72°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-15 TO BM 111-16
BM 111-15				258				56	BM 111-15
1	234	258	535 5	210 48	31	935	332 5	6 50	Elizabeth Lake Rd. 0.3 mi.
				278 1/2				90	E. of Bouquet Cyn. Rd. & P.P. #486033H
2	278	283	579 5	245 266	58	004	359 5	26 64	See F.B. 2437-27 & House # 7650
				248 114				254 114	
3	212	883	513 5	176 72	219	630	520 5	184 70	
	74			110 186				201 184	
4	~~84~~	728	375 5	38 72	166	985	467 5	131 70	
				65 258				287 254	
5	29	491	330 5	29 1/2 72	287	153	588 5	249 1/2 76	
				34 330				225 330	π-Stroud
6	7	228	308 5	7 1/2 54	199	948	500 5	173 52	
				157 384				198 382	
7	148	283	449 5	139 18	189	204	490 5	180 18	
				402 ✓				400 ✓	
								402 ✓	
	985	154 ✓			1152	859 ✓		802 ✓	
					985	154 ✓			
					167	705 ✓			
BM 111-16									BM 111-16 Elizabeth Lake Rd. 0.20 mi. w. of Bouquet Cyn. Rd. & Culvert # 8.90 see F.B 2437-28

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 11-18-69 WEATHER Sunny & Windy TIME 1:30 to 2:15 NOT. NO. 96716 ROD NO. 95796

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE

T-54°

F.B. 2481 PG. 61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 111-16 TO BM 111-15
BM 111-16									BM 111-16
1	211	292	512 5	248 174 74	28 ~~28~~	465 ~~322~~	329 ~~369~~ 5	~~64~~ ~~95~~ 72 ~~44~~ 28½ ~~54~~	Elizabeth Lake ~~Cyn.~~ Rd., 0.2 mi. W. of Bouquet Cyn. Rd., & Culvert # 8.90, ~~& House # 7650~~
2	300	462	601 5	300 ~~72~~ 268½ ~~76~~ 64	11	716	312 5	44 11½ 66	See F.B. 2437-28
3	176	931	477 5	212 138 140 72	84	873	385 5	120 138 48 72	
4	231	436	532 5	265 210 197 68	192	130	493 5	226 ~~222~~ 210 158 68	
5	59	637	360 5	94 278 24 70	281	810	582 5	281 278 246½ 70	
6	26	110	327 5	52 348 0 52	238	830	539 5	264 348 212 52	
				400				400	
								400	T-Stroud
	1005	868			837	824		800	
	837	824							
	+ 168	044							
BM 111-15									BM 111-15 Elizabeth Lake Rd., 0.3 mi. E. of Bouquet Cyn. Rd., & P.P. # 486033 H, & House # 7650 See F.B. 2437-27

T-54°

F.B. 2481 PG. 62 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-18-69

INDEXED C. J. GALLI DATE

WEATHER Sunny & Windy INST. NO. 96716

TIME 2:20 to ROD NO. 95896

NOTES CHKD [illegible] DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-15 TO BM 111-16
BM 111-15									BM 111-15 Elizabeth Lake Rd., 0.3 mi. E. of Bouquet Cyn. Rd., & House #7650 See F.B. 2437-27
1	301	051	602 5	301 1/2 265 72	8	430	309 5	43 1/2 8 70	
2	260	677	561 5	295 225 70	78	926	379 5	112 44 68	
3	130	231	431 5	165 142 95 70	259	562	560 5	296 138 222 74	
4	114	962	415 5	145 212 83 62	187	146	488 5	217 212 157 60	
5	8	362	309 5	38 1/2 274 8 60	299	390	600 5	299 272 272 1/2 54	π-Siemann
6	53	420	354 5	85 334 21 64	203	488	504 5	239 326 167 72	Re-Run
				398				398	
								398	
	868	703			1036	942		796	
					868	703			
					-168	239			
BM 111-16									BM 111-16 Elizabeth Lake Rd., 0.20 mi. W. of Bouquet Cyn. Rd. & Culvert #8.90 See F.B. 2437-28

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

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

NOTES BY Maldonado DATE 11-19-69 TIME 9:45 to 10:05 ROD NO. 95896

INDEXED C.J. GALLI DATE NOTES CHKD DATE

T-48°

F.B. 2481 PG. 63

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-15 TO B.M. 209-1
B.M. 111-15									B.M. 111-15
1	235	665	536 5	260 / 210 50	28	353	329 5	154 / 28	ELISABETH LAKE RD. & HO. # 7650
2	278	109	579 5	278 / 245 66	72	291	373 5	102 / 42 52 / 60	E. OF BOUQUET CN. RD. SEE F.B. 2437-27
3	212	737	513 5	248 / 176 116 / 72	223	896	524 5	262 / 184 182 / 78	
4	56	420	357 5	72 / 40 188 / 32	273	846	574 5	289 / 257 190 / 32	
5	9	513	310 5	122 / 9 220 / 26	252	350	553 5	265 / 239 222 / 26	T: MALDONADO
6	23	355	324 5	39 / 7 246 / 32	256	197	557 5	272 / 240 248 / 32	
7	48	922	349 5	69 / 27 278 / 42	226	084	527 5	247 / 205 280 / 42	
8	132	163	433 5	147 / 117 320 / 30	107	579	408 5	123 / 91 322 / 32	
				350				354	
B.M. -1								350	B.M. 209-1
	996	884			1440	596		704	BOUQUET CN. RD. & CULVERT # 2451.
					996	884			SEE F.B. 3734-11
					443	712			

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

SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 96746

NOTES BY SIEMANN DATE 10-20-69 TIME 11:00 TO 11:40 ROD NO. 95286

INDEXED G.J. GALLI DATE NOTES CHKD. [illegible] DATE

T = 74°

F.B. 2481 PG. 65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2481 PG. 66 JOB NO 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-30-69

INDEXED C. J. GALLI DATE

WEATHER LT. WIND INST. NO 96716

TIME 2:00 TO 2:30 ROD NO 91676

NOTES CHKD DATE

T = 84°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM 209-1 TO 111-15
B.M. 209-1									B.M. 209-1
1	129	421	430 5	162 96 66	10	702	311 5	445 210 70	BOUQUET CN. RD. 0.25 MI. S. OF
2	282	457	583 5	303 261 42	12	450	313 5	132 12 40	ELIZABETH LAKE RD. AT CULVERT 24.51
				108				120	
3	252	082	553 5	263 241 22	71	728	372 5	81 61 20	
				130				130	
4	298	329	599 5	298 285 26	86	891	387 5	99 73 26	
				156				156	
5	255	744	556 5	280 230 50	129	146	430 5	154 104 50	
				206				206	T = MALDONADO
6	88	467	389 5	127 49 78	244	291	545 5	282 206 76	
				284				282	
7	48	161	349 5	72 24 48	264	488	565 5	288 240 48	
				332				330	
8	79	620	380 5	92 66 26	170	984	471 5	183 157 26	
				358				356	
								358	
								714	
	1434281				990680				
	990680								
	+443601								
	4								
B.M. 111-15									B.M. 111-15
									ELIZABETH LAKE RD. E. OF
									BOUQUET CN. RD
									SEE F.B. 2437-27

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 G.E. DREIER DATE 10-20-69

INDEXED C.J. GALLI DATE

WEATHER CLEAR-BREEZE 68°F.

TIME 1:05 TO 1:55

NOTES CHKD [illegible] DATE

INST. NO 96716

ROD NO 95 & 96

F.B. 2481 PG. 67

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 209-1 TO 209-2
B.M. 209-1									B.M. 209-1
1	251	470	552.5	285 / 217 68	10	400	311.5	½ 43 / 10 66	BOUQUET CN. RD & CULVERT 24.51
									SEE F.B. 3734-11
2	255	692	556.5	274 / 236 38 / 106	82	016	383.5	101 / 63 38 / 104	
3	301	050	602.5	½ 301 / 282 38 / 144	8	408	309.5	½ 25 / 8 34 / 138	⊼ J. STROUD
4	288	080	589.5	299 / 277 22 / 166	34	182	335.5	48 / 20 28 / 166	
5	301	872	602.5	½ 301 / 280 42 / 208	38	431	339.5	59 / 17 42 / 208	
6	191	758	492.5	214 / 168 46 / 254	122	020	423.5	144 / 100 44 / 252	
7	203	165	504.5	228 / 178 50 / 304	133	572	434.5	158 / 108 50 / 302	
8	181	005	482.5	210 / 152 58 / 362	181	144	482.5	210 / 152 58 / 360	
9	142	395	443.5	172 / 112 60 / 422	121	052	422.5	½ 152 / 121 62 / 422	
								422	
	2116	487			731	225		844	
	731	225							
	1385	262							
B.M. 209-2									B.M. 209-2
									BOUQUET CN. RD. S. OF CULVERT 24.00
									SEE F.B. 3734-13

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 95896 DATE

WEATHER 76° CLEAR-WINDY TIME 2:35 NOTES CHKD

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

SURVEY BY DREIER NOTES DREIER 10-29-69 DATE

INDEXED G. J. GALLI

F.B. 2481 Pg. 68

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From 209-2 To 209-1
BM.209-2									B.M. 209-2
1	123	660	424.5	157 / 123 68	143	668	444.5	178 / 108 70	BOUQUET CN. RD. S. of CULVERT 24.00
									SEE F.B. 3734-13
2	180	452	481.5	215 / 145 70	202	399	503.5	236 / 168 68	
				138				138	
3	116	425	417.5	146 / 86 60	209	082	510.5	238 / 180 58	
				198				196	
4	115	050	416.5	135 / 95 40	275	143	576.5	294 / 256 38	↑ J. STROUD
				238				234	
5	100	638	401.5	110 / 90 20	250	735	551.5	260 / 240 20	
				258				254	
6	62	076	363.5	74 / 50 24	290	889	591.5	302 / 278 24	
				282				278	
7	27	171	328.5	41 / 13 28	277	775	578.5	291 / 263 28	
				310				306	
8	70	488	371.5	90 / 50 40	250	646	551.5	270 / 230 40	
				350				346	
9	40	258	341.5	66 / 14 52	279	570	580.5	304 / 254 50	
				402				396	
10	120	403	421.5	132 / 108 24	197	568	498.5	210 / 184 26	
				426				422	
11	166	346	467.5	269 / 263 6	130	855	431.5	133 / 127 6	
				432				428 ✓	
BM.209-1								432	✓ B.M. 209-1
	1122	967	✓		2508	330	✓	860	BOUQUET CN. RD., 0.25 MI. S. OF
					1122	967	✓		ELIZABETH LAKE RD.
					1385	363	✓		SEE F.B. 3734-11

76P526B CE # 308 8/68

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

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-66°
SURVEY BY G.E. Dreier 76
NOTES BY Waldenmaier DATE 10-19-68 TIME 2:00 to 4:00 WEATHER Sunny 78 INST. NO. 26716
INDEXED G.J. GALLI DATE NOTES CHKD DATE ROD NO. 85F36
F.B. 2481 PG. 69

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From BM 209-2 To BM 209-3
BM 209-2							BM 209-2
1	255 736	556 5	289 68 / 221 78	14 037	315 5	48 / 14½ 68	Bouquet Cyn. Rd. & 120± S'ly of Culvert #24.00
2	272 327	573 5	306 / 238 68	27 720	328 5	60 / 27½ 66	see F.B. 3734-13
3	273 788	574 5	306 136 / 240 66	44 200	345 5	76 134 / 12 64	
4	267 458	55 / 568 5	302 202 / 232 70	63 542	364 5	100 198 / 26 74	
5	289 733	590 5	289 272 / 263½ 52	47 738	348 5	74 272 / 20 54	
6	300 402	601 5	300 324 / 284½ 32	7 750	308 5	251 326 / 7½ 36	T-Stroud
7	278 890	579 5	291 356 / 265 26	46 203	347 5	60 362 / 32 28	
8	280 181	581 5	304 382 / 256 48	134 310	435 5	153 390 / 115 38	
			430			428	
						430	
	2218 515			385 514		858	
	385 514						
	+1833 001						
							BM 209-3 (W. of 80th W.)
							Bouquet Cyn. Rd. & P.P. #1634199E
BM 209-3							see F.B. 3734-15

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 209-3 TO 209-2
B.M. 209-3	344	42		168	656	31		299	B.M. 209-3
1	142	283	443 5	116 52	299	760	600 5	273½ 52	BOUQUET CN. RD & 80th ST. W. W. of
									SEE F.B. 3734-15
2	8	210	309 5	25 8 ½ 34	294	622	595 5	294½ 278 32	
3	40	998	341 5	55 86 25 30	271	712	572 5	288 84 254 34	
4	44	346	345 5	65 116 23 42	284	860	585 5	306 118 262 44	
5	71	910	372 5	101 158 41 60	238	980	539 5	269 162 207 62	
6	27 ~~265~~	558 ~~602~~	328 5 ~~566~~ 5	63 ~~300~~ 218 ~~230~~ ½ 72	265	602	566 5	300 224 230 70	π-Stroud
7	37	521	338 5	27 290 72 2 70	297	510	598 5	297 294 262½ 70	
8	37	760	338 5	68 360 6 62	266	794	567 5	296 364 236 60	
9	126	150	427 5	132 422 120 12	149	738	450 5	153 424 145 8	
				434 ✓				432 ✓	
								434 ✓	
	536	736 ✓			2369	578 ✓		866 ✓	
					536	736 ✓			
					-1832	842 ✓			
B.M. 209-2									B.M. 209-2
									BOUQUET CN. RD. S. OF CULVERT 24.00
									SEE F.B. 3734-13

T-68°

WEATHER Sunny & Windy INST. NO. 96716

TIME 2:00 to 2:35 ROD NO. 95F96

NOTES CHKD [signature] DATE

JOB NO. 0301.02

SURVEY OF LA. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 10-29-69

INDEXED C. J. GALLI DATE

F.B. 2481 PG. 70

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 209-3 TO BM 209-4
BM 209-3									BM 209-3
1.	230	016	531 5	266 194 72	52	410	353 5	88 16 72	BOUQUET CYN. RD. & P.P.# 1634199E (W. OF 80th ST. W.)
2.	232	773	533 5	280 184 96 168	66	004	367 5	114 16 96 168	SEE F.B. 3734-15
3.	296	620	597 5	1/2 296 257 78 246	10	049	311 5	1/2 49 10 78 246	T SIEMANN
4.	296	105	597 5	1/2 296 265 62 308	9	660	310 5	1/2 39 29 60 306	
5.	297	299	598 5	1/2 297 270 34 362	12	228	313 5	1/2 39 12 54 360	
6.	247	917	548 5	263 231 32 394	26	898	327 5	43 9 34 394	
7. BM 209-4	182	361	483 5	185 179 6 400	112	092	413 5	1 15 109 6 400	BM 209-4 BOUQUET CYN. RD & PP# 1061796E ACROSS FROM HOUSE # 39023 AT CULVERT # 22.95
	1783	091			289	341		400	
	289	341						800	SEE F.B. 3734-17
	1493	750							

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

SURVEY BY G.E. DREIER

NOTES BY STROUD DATE 10-21-69 WEATHER OVERCAST INST. NO. 96716

INDEXED C.J. GALLI DATE TIME 10:05 ROD NO. 95496

NOTES CHKD [illegible] DATE

T 62°

F.B. 2481 PG. 71

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2481 PG. 72 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DRAKE NOTES STROUD 10-29-68

INDEXED C.J. GALLI DATE

WEATHER CLEAR 54 INST. NO. 96716

TIME 13:05 ROD NO. 8E76

NOTES CHKD. DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS From 209-4 To 209-3
B.M. 209-4									B.M. 209-4
1	78	241	379	5	217	681	518	5	BOUQUET CN. RD. AT CULVERT 22.95
				84 / 72 12				224 / 210 14	SEE F.B. 3734-17
2	81	887	382	5	247	797	548	5	
				95 / 67 28				262 / 232 30	
3	13	758	314	5	296	827	597	5	
				40 / ½ 13 54				½ 296 / ½ 268 44 / 56	
4	25	122	326	5	297	428	598	5	
				56 / ½ 25 94 / 62				297 / ½ 266 100 / 62	
5	16	751	317	5	299	695	600	5	
				48 / ½ 16 156 / 64				½ 299 / ½ 267 162 / 64	R. SIEMANN
6	53	931	354	5	215	625	516	5	
				83 / 23 220 / 60				343 / 187 226 / 56	
7	181	954	482	5	221	742	522	5	
				209 / 153 280 / 56				248 / 194 282 / 54	
8	60	277	361	5	208	628	509	5	
				91 / 29 336 / 62 / 398				239 / 177 336 / 62 / 398 / 398 / 796	
	511	921			2005	623			
					511	921			
					1493	702			
BM. 209-3									B.M. 209-3
									BOUQUET CN. RD., W. OF 80th ST. W.
									SEE F.B. 3734-15

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.L. STRAUB
NOTES BY STRAUB
INDEXED C.J. GALL
DATE 10-21-69
DATE
WEATHER 76° OVERCAST
TIME 10:35
NOTES CHKD LAUER
DATE
INST. NO. 3776
ROD NO. 3776
F.B. 2481 PG. 73

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From BM 209-4 To BM 209-5
BM 209-4									BM 209-4
1.	263	206	564	5	289 / 237	52	23 894	324 5	148 / 223 30
									BOUQUET CYN. RD AT
2.	283	143	584	5	283 / 231	64 / 116	12 334	313 5	146 / 212 68 / 118
									CULVERT # 22.95 ACROSS
3.	296	150	597	5	296 / 220	52 / 168	46 541	347 5	71 / 21 50 / 168
									FROM HOUSE # 39023
4.	276	971	577	5	303 / 249	54 / 222	28 733	329 5	53 / 1 54 / 222
									SEE F.B. 3734-17
5.	298	837	599	5	298 / 277	42 / 264	8 277	309 5	28 / 8 40 / 262
									T SIEMANN
6.	291	509	592	5	305 / 277	28 / 292	60 / 3 499	361 5	74 / 46 28 / 290
7.	297	178	598	5	297 / 280	34 / 326	15 822	316 5	32 / -2 34 / 324
8.	301	229	602	5	301 / 284	34 / 360	6 794	307 5	22 / 6 32 / 356
9.	301	606	602	5	301 / 288	26 / 386	10 002	311 5	22 / -2 24 / 380
10.	299	590	600	5	299 / 288	22 / 408	11 421	312 5	25 / -8 28 / 408
11.	292	721	593	5	307 / 277	30 / 438	16 999	317 5	31 / 1 30 / 438
BM 209-5									BM 209-5 0.15 mi. 22.56 W. of STA.
									BOUQUET CYN. RD.
									SEE F.B. 3734-19
	3202140				241316				438 / 438 / 876
	241316								
	+2960824								

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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
	64	44			766	65			FROM 209-5 TO 209-4
B.M. 209-5									B.M. 209-5
1	52	667	353 5	61 43 18	188	681	489 5	197 179 18	BOUQUET CN RD, 0.15 MI. W. OF CULVERT 22.56
2	7	172	308 5	18 ½ 7 22 40	282	839	583 5	296 268 28	SEE F.B. 3734-19
3	16	574	317 5	27 5 22 62	279	278	580 5	290 268 46 22	
4	28	630	229 5	40 16 24 86	266	138	567 5	276 256 68 20	⊼ SIEMANN
5	7	221	308 5	23 ½ 7 32 118	300	903	601 5	300 ½ 284 88 32	
6	22	725	323 5	40 4 36 154	292	978	593 5	292 ½ 274 120 36	
7	17	028	318 5	35 -1 36 190	298	342	599 5	298 280 156 36	
8	21	303	322 5	41 1 40 230	287	669	588 5	307 267 192 40	
9	17	647	318 5	47 ½ 17 60 290	292	051	593 5	292 ½ 259 232 66	
10	33	203	334 5	62 4 58 348	262	098	563 5	287 237 298 50	
11	41	003	342 5	70 12 58 406	301	520	602 5	301 ½ 273 348 56	
12	45	180	346 5	61 29 32 438	218	622	519 5	235 201 404 34	
	~~5~~	~~353~~						438	
								438	B.M. 209-4
B.M. 209-4	310	353			3271	119		876	BOUQUET CN. RD AT CULVERT 22.95
					~~310~~	~~353~~			SEE F.B. 3734-17
					2960	766			

F.B. 2481 PG. 74

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES STROUD 10-~~29~~ 68

INDEXED C. J. GALLI DATE

JOB NO 0301.02

WEATHER CLEAR TWIN INST. NO 96716

TIME 1110 ROD NO 95-37

NOTES CHKD [illegible] DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 209-5 TO 209-5A
B.M.209-5									B.M. 209-5
1	294	490	595 5	303 285 18	50	381	351 5	60 40 20	BOUQUET CN. RD, 0.15 MI. W. OF STA. 22.56
									SEE F.B. 3734-19
2	289	567	590 5	289 268 42	47	690	348 5	66 28 38	
				60				58	
3	257	058	558 5	279 235 44	9	162	310 5	131 29 44	π: MALDONADO
				104				102	
4	179	429	480 5	184 174 10	258	741	559 5	264 252 12	
				114				114	
B.M.209-5A			5				5	114	B.M. 209-5A (ROAD DEPT. BL 1973)
	1020	544			365	974		228	BOUQUET CN. RD. & CULVERT # 2228
~~6~~	365	974	5				5		SEE F.B. 3734-21
	+ 654	570							

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 10-21-69

INDEXED C.J. GALLI DATE

WEATHER CLOUDY T = 70°

TIME 11:30 TO 11:45

NOTES CHKD [illegible] DATE [illegible]

INST. NO 96716

ROD NO. 75896

F.B. 2481 PG. 75

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 209-5A TO 209-5
B.M.209-5A									B.M.209-5A (ROAD DEPT. BL 1973)
1	198	071	499 5	½ 211 / 198 26	215	435	516 5	226 / 204 22	BOUQUET CN. RD AT CULVERT 22.28
									SEE F.B. 3734-21
2	19	977	320 5	½ 43 / 19 48	268	440	569 5	291 / 245 46	
				74				68	
3	36	700	337 5	55 / 17 38	299	185	600 5	½ 299 / 280 38	
				112				106	⊼ MALDONADO
4	168	341	469 5	173 / 163 10	294	620	595 5	302 / 286 16	
				122				122	
B.M.209-5								122	B.M.209-5
	423	089			1077	680		244	BOUQUET CN. RD. 0.15 MI. W.
					423	089			OF CULVERT STATION 22.56
					~~654~~	~~651~~			SEE F.B.
					− 654	591			

F.B. 2481 PG. 76 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-29-69

INDEXED C. J. GALLI DATE

WEATHER WINDY INST. NO. 96716

TIME 10:40 TO 11:00 ROD NO. 95896

NOTES CHKD [signature] DATE

T = 64°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 12-21-69

INDEXED C.J. GALLI DATE

WEATHER CLOUDY

TIME 12:45 TO 1:45

NOTES CHKD [illegible] DATE

T = 64°

F.B. 2481 PG. 77

INST. NO. 96716

ROD NO. 95896

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 209-5A TO 209-6
B.M. 209-5A									B.M. 209-5A (RD. DEPT. BL 1973)
1	290	203	591 5	298 282 16	61	983	362 5	70 52 18	BOUQUET CN. RD. & CULVERT #22.28
									SEE F.B. 3734-21
2	293	139	594 5	308 280 28	15	098	316 5	28 2 26	
				44				44	
3	283	681	584 5	294 272 22	12	881	313 5	24 0 24	
				66				68	
4	272	781	573 5	282 262 20	33	961	334 5	43 23 20	
				86				88	
5	276	422	577 5	288 264 24	19	590	320 5	30 8 22	
				110				110	
6	298	109	599 5	1 298 2 284 28	4	361	305 5	1 18 2 4 28	
				138				138	T = MALDONADO
7	291	678	592 5	300 282 18	48	315	349 5	56 40 16	
				156				154	
8	300	920	601 5	1 300 2 287 26	40	180	341 5	53 27 26	
				182				180	
9	259	414	560 5	272 246 26	29	968	330 5	43 15 28	
				208				208	
10	288	439	589 5	305 271 34	9	700	310 5	1 26 2 9 34	
				242				242	
11	287	989	588 5	304 270 34	33	791	334 5	50 16 34	
				276				276	
12	271	232	572 5	288 254 34	9	880	310 5	1 24 2 9 30	
				310				306	
13	275	967	576 5	282 268 14	36	091	337 5	44 28 16	
				324				322	
B.M. 209-6								324	B.M. 209-6
	3689	974 ✓			355	799 ✓		646	BOUQUET CN. RD. W. OF CULVERT 21.92
	355	799 ✓							SEE F.B. 3734-23
+	3334	175 ✓							

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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.

F.B. 2481 PG. 78 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-30-69

INDEXED C.J. GALLI DATE

WEATHER WINDY INST. NO. 26716

TIME 11:05-12:00 ROD NO. 95296

NOTES CHKD DATE

T 64°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 209-6 TO 209-5A
B.M. 209-6									B.M. 209-6
1	26	409	327.5	36 16 20	273	119	574.5	283 263 20	BOUQUET CN. RD. AT W. OF CULVERT 21.92
									SEE 3734-23
2	65	797	366.5	77 53 24	237	421	538.5	250 224 26	
				44					46
3	19	109	320.5	32 6 26	244	567	545.5	258 230 28	
				70					74
4	26	727	327.5	40 12 28	270	349	571.5	283 257 26	
				98					100
5	24	141	325.5	38 10 28	269	829	570.5	284 254 30	
				126					130
6	15	562	316.5	30 0 30	264	008	565.5	278 250 28	T = MALDONADO
				156					158
7	5	008	306.5	½ 17 25 24	298	123	600.5	½ 299 287 24	
				180					182
8	16	440	317.5	26 6 20	293	978	594.5	302 284 18	
				200					200
9	17	509	318.5	29 5 24	291	688	592.5	305 279 26	
				224					226
10	24	971	325.5	35 13 22	262	178	563.5	273 251 22	
11	11	040	312.5	½ 24 211 246	273	559	574.5	286 260 248	+ 466.838 ✓
				26				26	
				272				274	− 3800.999 ✓
12	19	732	320.5	32 6 26	299	569	600.5	½ 299 287 24	− 3334.161 ✓
				298				298	
13	22	942	323.5	32 12 20	235	189	536.5	245 225 20	
				318				318	
14	171	451	472.5	175 167 8	286	422	587.5	290 282 8	
				326				326 ✓	✓ B.M. 209-5A (RD. DEPT. BL 1973)
B.M. 209-5A								326	BOUQUET CN. RD AT CULVERT
	466838 ✓				3800.999 ✓			652 ✓	22.28
									SEE F.B. 3734-21

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 64°
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 26716
NOTES BY SIEMANN TIME 1:55 TO 3:00 ROD NO. 95576
INDEXED G.J. GALLI DATE 10-21-69 NOTES CHKD DATE
F.B. 2481 Pg. 79

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM 209-6 TO 209-7
B.M. 209-6							B.M. 209-6
1	257 038	558 5	268 / 246 22	13 867	314 5	24 / 2 22	BOUQUET CN. RD., W. OF CULVERT 21.92
							SEE F.B. 3734-23
2	297 078	598 5	308 / 286 22 / 44	36 536	337 5	47 / 25 22	
3	299 579	600 5	299 / 287 24 / 68	6 959	307 5	18 / 6 24 / 44	
4	286 958	587 5	298 / 274 24 / 92	10 898	311 5	22 / 2 24 / 68	
5	294 912	595 5	304 / 284 20 / 112	6 302	307 5	18 / 6 24 / 92	⊼ MALDONADO
6	289 520	590 5	300 / 278 22 / 134	16 228	317 5	27 / 5 22 / 116	
7	300 768	601 5	300 / 288 24 / 158	18 191	319 5	28 / 8 20 / 138	REDUNDANT: — SEE PAGES 83 & 84
8	274 208	575 5	284 / 264 20 / 178	19 550	320 5	30 / 8 22 / 158	
9	291 047	592 5	302 / 280 22 / 200	7 649	308 5	19 / 7 24 / 180	
10	299 399	600 5	299 / 288 22 / 222	4 928	305 5	15 / 4 22 / 204	
11	290 600	591 5	300 / 280 20 / 242	15 268	316 5	25 / 5 20 / 226	
12	277 750	578 5	286 / 268 18 / 260	11 589	312 5	20 / 2 18 / 246	
13	290 820	591 5	300 / 280 20 / 280	33 068	334 5	41 / 5 16 / 264	
	3749677			201033			

CONT. NEXT PAGE

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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 209-6 TO 209-7
	3749	677		280	201	033		280	
14	284	093	585 5	292 276 16	18	082	319 5	26 10 16	CONT.
				296				296	
15	300	562	601 5	300 291 18	11	747	312 5	20 2 18	
				314				314	
16	271	970	572 5	279 263 16	30	990	331 5	38 22 16	
				330				330	
17	267	540	568 5	274 260 14	20	058	321 5	28 12 16	
				344				346	
18	256	962	557 5	264 248 16	46	092	347 5	54 38 16	
				360				362	
19	284	737	585 5	304 264 40	54	060	355 5	75 33 42	
				400				404	
20	59	271	360 5	73 45 28	215	203	516 5	229 201 28	
				428				432	
B.M. 209-7								428	B.M. 209-7
	5474	812			597	265		860	BOUQUET CN. RD. & ANGELES FORREST B'NDRY. NEAR LINCOLN CREST SUMMIT
	597	265							SEE F.B. 3734-25
	4877	547							

Not used except as check on Σ of Δs of Sections 209-6 to 6A and 209-6A to 209-7

F.B. 2481 PG. 80 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-22-69

INDEXED C. J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 3:00 ROD NO. 95891

NOTES CHKD [illegible] DATE

T-64°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY SIEMANN
INDEXED G.J. GALLI
DATE 10-30-69
DATE
WEATHER WINDY
TIME 9:40 TO
NOTES CHKD
DATE
INST. NO. 26716
ROD NO. 75896
F.B. 2481 PG. 81

T = 60°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From 209-7 To 209-6
B.M. 209-7							B.M. 209-7
1	210 632	511 5	228 192 36	81 599	382 5	100 62 38	BOUQUET CN. RD. AT LINCOLN CREST SUMMIT
							SEE F.B. 3734-25
2	52319	353 5	67 37 30	246 175	547 5	261 231 30	
			66			68	
3	13 212	314 5	24 2 22	289 035	590 5	300 278 22	REDUNDANT. SEE
			88			90	PAGES 85 & 86
4	18 266	319 5	25 11 14	263 278	564 5	270 256 14	
			102			104	
5	28060	329 5	34 22 12	258 460	559 5	265 251 14	
			114			118	
6	8 923	309 5	18 ½ 8 20	294 443	595 5	303 285 18	T = MALDONADO
			134			136	
7	18 756	319 5	26 10 16	277 851	578 5	285 269 16	
			150			152	
8	22 600	323 5	30 14 16	273 736	574 5	281 265 16	
			166			168	
9	27 929	328 5	36 18 18	263 868	564 5	271 255 16	
			184			184	
10	11 350	312 5	22 0 22	301 106	602 5	1301 290 22	
			206			206	
11	11 398	312 5	22 0 22	291 199	592 5	302 280 22	
			228			228	
12	4 477	305 5	15 ½ 4 22	291 622	592 5	302 280 22	
			250			250	
	427 922			3132372			

CONT ON NEXT PAGE

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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 209-7 TO 209-6
									CONTINUED
	427	922		250	3132	372		250	
13	10	099	311 5	22 -2 24	296	712	597 5	308 284 24	
				274				274	
14	17	853	317 5	28 6 22	291	900	592 5	302 280 22	T = MALDONADO
				296				296	
15	12	768	313 5	23 1 22	283	388	584 5	294 272 22	
				318				318	
16	19	925	320 5	30 8 22	296	841	597 5	1/2 296 286 20	
				340				338	
17	7	809	308 5	1/2 18 7 22	300	717	601 5	1/2 300 288 24	
				362				362	
18	27	762	328 5	38 16 22	286	234	587 5	297 275 22	
				384				384	
19	23	598	324 5	34 12 22	287	393	588 5	298 276 22	
				406				406	
20	10	402	311 5	1/2 22 10 24	260	420	561 5	272 248 24	
				430				430	
B.M. 209-6								430	B.M. 209-6
	558	138			5435	977		860	BOUQUET CN. RD. W. OF CULVERT. 2192
					558	138			SEE F.B. 3734-23
					- 4877	839			

Not used except as check of Σ of Section (209) 6 to 6A and 6A to 7

F.B. 2481 PG. 82 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-30-69

INDEXED C. J. GALLI DATE

T = 60°

WEATHER WINDY INST. NO. 96716

TIME ROD NO. 95896

NOTES CHKD [illegible] DATE

76P526B CE # 308 8/68

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=
SURVEY BY G.E. DREILER WEATHER CLEAR INST. NO 96716
NOTES BY SIEMANN DATE 11-17-69 TIME 10:15 TO 10:45 ROD NO. 95896
INDEXED G. J. GALLI DATE NOTES CHKD DATE

F.B. 2481 PG. 83

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM 209-6 TO 209-6A
209-6							B.M. 209-6
1	256 083	557 5	267 / 245 22	11 500	312 5	22 / 0 22	BOUQUET CN. RD. & CULVERT 21.92
							SEE F.B. 3734-23
2	263 599	564 5	272 / 254 18 / 40	43627	344 5	52 / 34 18 / 40	
3	297 773	598 5	297 / 284 26 / 66	7549	308 5	20 / 7 26 / 66	
4	291 888	592 5	302 / 280 22 / 88	17873	318 5	28 / 6 22 / 88	
5	288 479	589 5	298 / 278 20 / 108	16 402	317 5	26 / 6 20 / 108	T: MALDONADO
6	299 452	600 5	299 / 288 22 / 130	10098	311 5	21 / 10 22 / 130	
7	278866	579 5	288 / 268 20 / 150	16 858	317 5	26 / 6 20 / 150	
8	293 986	594 5	305 / 281 24 / 174	12 158	313 5	24 / 0 24 / 174	
9	198 363	499 5	202 / 194 8 / 182	120413	421 5	124 / 116 8 / 182	B.M. 209-6A
209-6A						182 / 364	BOUQUET CN. RD. & 0.25 MI. E. OF LINCOLN CREST.
	246 8489			256 478			SEE F.B. 3734-24
	256 478						
	+ 2212011						

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2481 PG. 84 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-17-69

INDEXED C. J. GALLI DATE

WEATHER VERY WINDY INST. NO. 96716

TIME 1:40 TO 2:10 ROD NO. 95876

NOTES CHKD DATE

T: 52°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM 209-6A TO 209-6
B.M. 209-6A									B.M. 209-6A
1	6	564	307	5 ½ 17 6 22	275	001	576	5 286 264 22	BOUQUET CN. RD. & 0.25 MI. E. OF LINCOLN CREST.
2	15	736	316	5 26 4 22	290	900	591	5 301 279 22	SEE F.B. 3734-24
				44				44	
3	8	702	309	5 ½ 19 8 22	296	580	597	5 308 284 24	
				66				68	
4	13	658	314	5 23 3 20	276	242	577	5 285 267 18	
				86				86	
5	4	949	305	5 ½ 15 4 22	300	105	601	5 ½ 300 288 24	Λ = MALDONADO
				108				110	
6	12	352	313	5 24 0 24	279	549	580	5 290 268 22	
				132				132	
7	18	543	319	5 29 7 22	301	859	602	5 301 288 20	
				154				158	
8	20	083	321	5 30 10 20	256	451	557	5 264 248 16	
				174				174	
9	96	106	397	5 100 92 8	131	907	432	5 135 127 8	B.M. 209-6
				182				182	BOUQUET CN. RD. & CULVERT #21.22
B.M. 209-6								182	SEE F.B. 3734-23
	196	693			2408	594		364	
					196	693			
					-2211	901			

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 11-17-69 WEATHER CLEAR INST. NO. 96716

TIME 10:50 TO 11:30 ROD NO. 25496

INDEXED G. J. GALLI DATE NOTES CHKD DATE

T: 52°

F.B. 2481 Pg. 85

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM 209-6A TO 209-7
B.M. 209-6A							B.M. 209-6A
1	277482	578 5	288 266 22	11 670	312 5	22 0 22	BOUQUET CN. RD. & 0.25 MI. E. OF LINCOLN CREST
2	295010	596 5	306 284 22 / 44	15 471	316 5	25 5 20 / 42	SEE F.B. 3734-24
3	276331	577 5	285 267 18 / 62	5 086	306 5	15 5 20 / 62	
4	262329	563 5	270 254 16 / 78	27 047	328 5	36 18 18 / 80	
5	282349	583 5	291 273 18 / 96	7 956	308 5	17 7 20 / 100	T = MALDONADO
6	297 241	598 5	306 288 18 / 114	35 209	336 5	42 28 14 / 114	
7	289 043	590 5	298 280 18 / 132	12 172	313 5	21 5 16 / 130	
8	268 100	569 5	276 260 16 / 148	22 531	323 5	30 14 16 / 146	
9	278 634	579 5	286 270 16 / 164	20 021	321 5	29 11 18 / 164	
10	288 341	589 5	297 279 18 / 182	44 757	345 5	52 36 16 / 180	
11	290 900	591 5	304 276 28 / 210	63 948	364 5	78 48 30 / 210	
12	70 663	371 5	89 51 38 / 248	244 684	545 5	263 225 38 / 248	
B.M. 209-7						248 / 496	B.M. 209-7 BOUQUET CN. RD. & LINCOLN CREST SEE F.B. 3734-25
	3176423			510552			
	510552						
	+ 2665871						

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2481 PG. 86 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-17-69

INDEXED C. J. GALLI DATE

WEATHER VERY WINDY INST. NO. 96716

TIME 11:45 TO 1:30 ROD NO. 95496

NOTES CHKD DATE

T = 50°

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM 209-7 TO 209-6A
B.M. 209-7									B.M. 209-7
1	251	434	552	5	185	696	486	5	BOUQUET CN. RD. & LINCOLN CREST.
				281 / 221 / 60				215 / 155 / 60	SEE F.B. 3734-25
2	14	102	315	5	293	701	594	5	
				24 / 4 / 20 / 80				303 / 283 / 20 / 80	
3	20	649	321	5	291	867	592	5	
				29 / 11 / 18 / 98				300 / 282 / 18 / 98	
4	10	284	311	5	291	139	592	5	
				19 / 1 / 18 / 116				300 / 282 / 18 / 116	
5	8	280	309	5	295	873	596	5	
				16 / 0 / 16 / 132				304 / 286 / 18 / 134	
6	10	964	311	5	277	009	578	5	
				18 / 2 / 16				285 / 269 / 16	
7	9	070	310	5	286	802	587	5	π = MALDONADO
				18 / 0 / 18 / 148 / 18 / 166				295 / 277 / 18 / 150 / 18 / 168	
8	16	623	317	5	298	670	599	5	
				26 / 6 / 20 / 186				298 / 287 / 22 / 190	
9	12	508	313	5	256	150	557	5	
				21 / 3 / 18 / 204				263 / 249 / 14 / 204	
10	23	814	324	5	274	559	575	5	
				33 / 13 / 20 / 224				284 / 264 / 20 / 224	
11	5	135	306	5	297	301	598	5	
				16 / ½ 5 / 22 / 246				½ 297 / 285 / 24 / 248 / 246 / 494	
B.M. 209-6A									B.M. 209-6A
	382	863			3048767				BOUQUET CN. RD. & 0.25 MI. E.
					382863				OF LINCOLN CREST.
					-2665904				SEE F.B. 3734-24

76P526B CE # 308 8/68

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

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Drake
NOTES BY Maldonado DATE 10-22-69 TIME 10:05 to 11:00 WEATHER Sunny & Breezy INST. NO. 92716
INDEXED C.J. GALLI DATE NOTES CHKD DATE ROD NO. 95 & 96
T-560
F.B. 2487 Pg. 87

STATION	BACKSIGHT Right	Mic.	Left	Mic.	Stadia		FORESIGHT Right	Mic.	Left	Mic.	Stadia		DESCRIPTION AND REMARKS
													From BM209-7 To BM209-7A
BM209-7					38						228		BM209-7 (LINCOLN CREST SUMMIT)
1	30	002	331	5	22	16	220	572	521	5	212	16	Bouquet Cyn. Rd. & Leona Divide Rd. N.W. Cor.
					57						270		
2	48	309	349	5	39	18	260	222	561	5	250	20	See F.B. 3734-25
					51	34					286	36	
3	40	364	341	5	29	22	275	259	576	5	264	22	
					42	56					215	58	
4	29	450	330	5	16	34	200	518	501	5	187	28	
					28	90					307	86	
5	16	164	317	5	4	24	296	803	597	5	285	22	K-Stroud
					52	114					304	108	
6	44	921	345	5	36	16	295	125	596	5	286	18	
					36	130					304	126	
7	28	098	329	5	20	16	296	722	597	5	288	16	
					26	146					303	142	
8	18	367	319	5	10	16	294	388	595	5	285	18	
					22	162					303	160	
9	13	935	314	5	4	18	293	279	594	5	283	20	
					57	180					229	180	
10	48	240	349	5	39	18	220	492	521	5	211	18	
						198						198	
												198	
	317	850					2653	380				396	
							317	850					
							-2335	530					
BM209-7A													BM209-7A (RD DEPT. BL 1977) (U.S.G.S. K-8 1929) Bouquet Cyn. Rd. & House 38020, & Culvert # 21.17 See F.B. 3734-27

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2481 Pg. 88 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY PREIER NOTES PREIER 10-28-69

INDEXED C. J. GALLI DATE

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

TIME 2:10 TO 2:55 ROD NO. 95896

NOTES CHKD DATE

T = 78°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM 209-7A TO 209-7
B.M. 209-7A									B.M. 209-7A (U.S.G.S K 8 1929)
1	298	445	599 5	298 / 286 24	13	700	314 5	25 / 1 24	BOUQUET CN. RD. AT CULVERT 21.17
									SEE F.B. 3734-27
2	293	448	594 5	302 / 284 18	19	372	320 5	28 / 10 18	
3	297	833	598 5	305 42 / 289 16	26	262	327 5	34 42 / 18 16	
4	296	816	597 5	304 58 / 288 16	10	392	311 5	19 58 / 1 18	↑ J. STROUD
5	290	732	591 5	299 74 / 281 18	34	992	335 5	43 76 / 25 18	
6	260	852	561 5	269 92 / 251 18	64	333	365 5	73 94 / 55 18	
7	290	658	591 5	306 110 / 279 32	14	439	315 5	28 112 / -1 29	
8	298	030	599 5	298 142 / ½ 284 28	7	242	308 5	120 141 / ½ 7 26	
9	238	472	539 5	246 170 / 230 16	38	872	339 5	47 167 / 29 18	
				186				185 / 186	
	2565 286				229 604			371	
	229 604								
	2335 682								
B.M. 209-7									B.M. 209-7
									BOUQUET CN. RD. AT LINCOLN CREST SUMMIT
									SEE F.B. 3734-25

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. Dreier
NOTES BY Maldonado DATE 10-22-69 TIME 11:00 to 11:40 WEATHER Sunny & Breezy INST. NO. 96716
INDEXED C. J. GALLI DATE NOTES CHKD DATE ROD NO. 95594
F.B. 24481 Pg. 89
T-64°

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											From BM 209-7A To BM 209-8
BM 209-7A	110			122					280		BM 209-7A (U.S.G.S. K-B 1929)
1	~~107~~ 042		411 5	98	24	268	230	569 5	256	24	Bouquet Cyn. Rd. & House # 38020, & Culvert # 21.17
				47					284		
2	34 819		335 5	21	26	271	210	572 5	258	26	See F.B. 3734-27
				26	50				301	50	
3	12 828		313 5	-2	28	301	142	602 5	286½	30	
				44	78				296	80	
4	30 730		331 5	16	28	296	726	597 5	281½	30	
				26	106				301	110	
5	11 245		312 5	11½	30	301	960	602 5	287½	28	
				29	136				294	138	
6	16 095		317 5	3	26	282	062	583 5	270	24	π - Stroud.
				38	162				299	162	
7	24 331		325 5	10	28	299	521	600 5	285½	28	
				72	190				264	190	
8	62 652		363 5	52	20	253	872	554 5	242	22	
					210 ✓					212 ✓	
										210 ✓	
	302 742 ✓					2274 723 ✓				422 ✓	
						302 742 ✓					
						1971 981 ✓					
BM 209-8											BM 209-8 Bouquet Cyn. Rd. & Culvert # 20.91. See F.B. 3734-29

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. 2481 PG. 90 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 10-28-69

INDEXED C. J. GALLI DATE

WEATHER CLEAR OCCAS. BR. INST. NO. 96716

TIME 1:35 PM ROD NO. 25896

NOTES CHKD DATE

T-78°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 209-8 TO 209-7A
B.M. 209-8									B.M. 209-8
1	252	688	553 5	265 239 26	18 342	319 5	31 5 26		BOUQUET CN. RD. NEAR CULVERT 20.91
									SEE F.B. 3734-29
2	293	460	594 5	306 280 26	35 486	336 5	49 21 28		
3	298	362	599 5	298 52 ½ 285 26	22 983 ~~23 999~~	323 5	34 10 24		
4	286	491	587 5	299 78 273 26	36 428	337 5	49 23 26		T. J. STROUD
5	274	713	575 5	286 104 262 24	44 485	345 5	57 31 26		
6	296	600	597 5	296 128 ½ 283 26	26 238	327 5	39 13 26		
7	283	440	584 5	296 154 270 26	38 355	339 5	51 25 26		
8	295	131	596 5	295 180 ½ 280 30	86 334	387 5	100 72 28		
				210			210		
							210		
	280.885				308651		420		
	308.651								
B.M. 209-7A	1972.234								(RR. DEPT. BL 1971)
									B.M. 209-7A (U.S.G.S. K 8 1929)
									BOUQUET CN. RD. & CULVERT 21.17
									SEE F.B. 3734-27

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T 68
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 10-31-69 TIME 10:20 TO WEATHER VERY WINDY INST. NO. 26716
INDEXED C.J. GALLI DATE NOTES CHKD DATE ROD NO. 95896
F.B. 2481 Pg. 91

STATION	BACKSIGHT Right Mic.	Left	Stadia	FORESIGHT Right Mic.	Left	Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 209-7A TO 209-8
B.M. 209-7A							B.M. 209-7A (U.S.G.S. K 8 1929)
1	39982	340 5	57 21 36	294 164	595 5	½ 294 277 34	BOUQUET CN. RD & CULVERT 21.17
							SEE F.B. 3734-27
2	5291	306 5	½ 18 5 26	294669	595 5	307 280 27	
			62			61	
3	9470	310 5	20 -2 22	273 618	574 5	284 261 23	
			84			84	RERUN
4	42559	343 5	54 30 24	278 403	579 5	290 266 24	
			108			108	
5	4898	305 5	½ 19 4 30	293 406	594 5	½ 293 277 32	π = DREIER
			138			140	
6	10529	311 5	23 -3 26	286 610	587 5	300 272 28	
			164			168	
7	46938	347 5	58 34 24	235 290	536 5	245 225 20	
			188			188	
8	55801	356 5	67 43 24	231 658	532 5	243 219 24	
			212 ✓			212 ✓	
B.M. 209-8						212	B.M. 209-8
	215468 ✓			2187818 ✓		424	BOUQUET CN. RD. & NEAR CULVERT
				215468 ✓			# 20.91.
				-972350 ✓			SEE F.B. 3734-29

76P526B CE # 308 8/68

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 10-22-69

INDEXED C. J. GALLI DATE

WEATHER Sunny & Light wind

TIME 11:40 to 1:55

NOTES CHKD [illegible] DATE

INST. NO 96716

ROD NO. 95 & 96

F.B. 2481 Pg. 93

T-66°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS
											FROM BM209-8 TO BM209-9
BM209-8	4	6 8 5		41		1 7 5	1 6		296		BM209-8
1	21	777	322 5	1	40	296	263	597 5	280½	32	Bouquet Cyn. Rd. & Culvert #20.91
2	12	422	313 5	24 0	24	300	064	601 5	300 287½	26	See F.B. 3734-29
3	13	247	314 5	22 4	64 18	289	006	590 5	302 276	58 26	
4	10	972	311 5	22 -2	82 24	264	069	565 5	277 251	84 26	
5	21	088	322 5	32 10	106 22	283	000	584 5	295 271	110 24	
6	16	032	317 5	31 1	128 30	294	431	595 5	307 281	134 26	π-Siemann
7	12	427	313 5	28½ 12	158 32	299	300	600 5	299 286½	160 26	
8	15	259	316 5	28½ 13	190 26	293	649	594 5	306 280	186 26	
9	31	878	332 5	44 18	216 26	290	495	591 5	303 277	212 26	4196. − ~~4086~~.161 ✓ + 355.689 ✓ ~~3730~~.472 ✓ − 3840
10	56	492	357 5	70 42	242 28	290	777	591 5	305 275	238 30	
11	22	390	323 5	40 4	270 36	296	061	597 5	296 279½	268 34	
12	13	254	314 5	27 -1	304 28	296	040	597 5	296 281½	302 30	
13	11	981	312 5	25½ 11	334 28	296	608	597 5	296½ 284	332 24	BM209-9
BM209-9 14	20	400	321 5	20½ 15	362 16	298	460	599 5	305 291	356 14	Bouquet Cyn. Rd. & P.P. #none
15	76	070	377 5	79 73	372 6	107	938	408 5	110 104	370 6	See F.B. 3734-31
	355	689	✓		378	4196	161	✓		376 378	754 ✓

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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 209-9 TO 209-8
B.M. 209-9				305				64	B.M. 209-9
1	297	378	598 5	289 16	56	788	357 5	48 16	BOUQUET CN. RD. 0.5 mi. N. of BIG
				298				47	TREE TRAIL
2	286	263	587 5	274 24	35	145	336 5	22 25	SEE F.B. 3734-31
				294 40				41 41	
3	281	237	582 5	268 26	28	767	329 5	15 26	
				297 66				56 67	
4	297	980	598 5	283 ½ 28	41	403	342 5	26 30	
				295 94				48 97	
5	295	071	596 5	279 ½ 32	32	973	333 5	16 32	
				298 126				31 129	
6	283	888	584 5	268 30	18	586	319 5	4 27	
				297 156				19 156	
7	297	496	598 5	283 ½ 28	5	212	306 5	5 ½ 28	
				300 184				20 184	K-Dreier
8	300	396	601 5	285 ½ 30	5	378	306 5	5 ½ 30	
				297 ~~54~~ 214				45 214	
9	297	134	598 5	284 ½ 26	34	417	335 5	22 23	
				298 240				55 237	
10	284	981	585 5	269 28	41	791	342 5	27 28	
	265			277 268				26 265	
11	~~264~~	018	566 5	253 24	15	238	316 5	3 23	
				301 292				23 288	
12	301	685	602 5	288 ½ 26	11	681	312 5	-1 24	
				298 318				25 312	
13	298	090	599 5	286 ½ 24	13	149	314 5	1 26	
				286 342				61 338	
14	275	810	576 5	264 22	51	673	352 5	40 21	
				234 364				65 359	
15	226	275	527 5	218 16	56	182	357 5	46 19	
	4288	702		380	448	383		378	B.M. 209-8
B.M. 209-8	448	383						380	BOUQUET CN. RD AT CULVERT 20.91
	+3840	319						758	SEE F.B. 3734-29

T-68°

WEATHER Sunny & wind INST. NO. 96716

TIME 11:30 to 1:45 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 10-28-69

INDEXED C. J. GALLI DATE

F.B. 2481 PG. 94

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 10-22-69

INDEXED G. J. GALLI DATE

NOTES CHKD [illegible] DATE

WEATHER Sunny & Breezy INST. NO. 96716

TIME 1:55 to 2:50 ROD NO. 95 & 96

F.B. 2481 Pg. 95

T - 70°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 209-9 TO BM 209-10
BM209-9				21				259	BM 209-9
1	11	667	312 5	1 20	249	100	550 5	239 20	Bouquet Cyn. Rd & P.P.# none
				53				298 1	0.6 mi. N.E'ly FROM BIG TREE TRAIL
2	32	429	333 5	11 42	298	141	599 5	278½ 40	See F.B. 3734-31
				25 62				300 1 60	
3	14	068	315 5	3 22	300	089	601 5	287½ 26	
				40 84				300 1 86	
4	25	410	326 5	10 30	300	190	601 5	285½ 30	
				30 114				299 1 116	
5	14	001	315 5	-2 32	299	390	600 5	284½ 30	X - Siemann
				41 146				262 ~~282~~ 146	
6	27	742	328 5	13 28	258	901	559 5	234 28	
				42 174				301 1 174	
7	27	738	328 5	12 30	301	791	602 5	285½ 32	
				27 204				298 1 206	
8	14	718	315 5	1 26	298	374	599 5	285½ 26	− 4224.143 ✓
				28 1 230				293 1 232	+ 460.629 ✓
9	9	460	310 5	9½ 38	293	290	594 5	274½ 38	− 3763.514 ✓
				40 1 268				300 1 270	
10	18	500	319 5	18½ 44	300	575	601 5	279½ 42	
				44 1 312				298 1 312	
11	20	170	321 5	20½ 48	298	588	599 5	273½ 50	
				35 1 360				300 1 362	
12	10	731	311 5	10½ 50	300	900	601 5	276½ 48	
				60 410				299 1 410	
13	35	823	336 5	10 50	299	090	600 5	274½ 50	
				52 460				300 1 460	
14	27	700	328 5	2 50	300	154	601 5	275½ 50	BM209-10
BM 209-10				174 510				129 510	Bouquet Cyn. Rd. & 500± N'ly of Equestrian
15	170	472	471 5	166 8	125	570	426 5	121 8	Crossing. E'ly Side of Rd
				518				518	See F.B. 3734-33
								518	
	460	629 ✓			4224	143 ✓		1036	

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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 209-10 TO 209-9
BM-209-10									B.M. 209-10
1	161	304	462 5	181 141 40	43	775	344 5	61 25 36	BOUQUET CN RD. 280± FT. N. OF BIG TREE TRAIL
2	262	917	563 5	285 239 46	23	053	324 5	47 -1 48	SEE F.B. 3734-33
3	280	225	581 5	304 256 86 48	~~7~~ 6	937	307 5	31 6½ 84 50	
4	297	832	598 5	297 271½ 134 52	7	540	308 5	32 7½ 134 50	
5	290	950	591 5	290 265½ 186 50	~~4~~ 7	530	308 5	30 7½ 184 46	
6	297	151	598 5	297 276½ 236 42	7	817	308 5	26 7½ 230 38	R-Dreier
7	292	971	593 5	308 277 278 31	9	195	310 5	25 9½ 268 32	
8	301	081	602 5	301 289½ 309 24	11	926	312 5	28 11½ 300 34	
9	269	958	570 5	281 257 333 24	61	904	362 5	73 49 334 24	
10	276	241	577 5	291 261 357 30	27	785	328 5	42 12 358 30	+4114,020 ✓
11	298	242	599 5	298 282½ 387 32	16	813	317 5	32 0 388 32	-350,284 ✓
12	301	140	602 5	301 288½ 419 26	30	383	331 5	43 17 420 26	+3763,736 ✓
13	297	067	598 5	308 286 445 22	12	288	313 5	25 -1 446 26	
14	264	282	565 5	284 244 467 40	22	648	323 5	39 22½ 472 34	
BM.209-9 15	222	659	523 5	227 216 507 11	60	690	361 5	66 54 506 12	
				518				518	✓ BM.209-9
	4114	020 ✓			350	284 ✓		518	✓ BOUQUET CN. RD. 0.5 MI. N. OF BIG TREE TR.
	350	284 ✓						1036	SEE F.B. 3734-31
	3763	736							

F.B. 2481 PG. 96

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 10-28-69

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

T=67° F.

WEATHER CLEAR - WIND LT.

TIME 10:20 to 11:30

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95796

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=60
SURVEY BY G.E. DREIER
NOTES BY SIEMANN
DATE 10-23-69
WEATHER CLEAR
TIME 9:50 TO 10:15
INST. NO. 26716
ROD NO. 25&26
INDEXED C. J. GALLI
DATE
NOTES CHKD
DATE
F.B. 2481 Pg 97

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM 209-10 TO 209-11
B.M. 209-10							B.M. 209-10
1	21 259	322 5	33 9 24	212 731	513 5	224 200 24	BOUQUET CN. RD. 280± N'ly FROM BIG TREE TRAIL
2	15 569	316 5	40 15 50 74	276 138	577 5	300 252 48 72	SEE F.B. 3734-33
3	8 268	309 5	132 28 48 122	287 748	588 5	287 260 54 126	
4	2 16 620	327 5	54 -2 56 178	291 403	592 5	291 263 56 182	
5	25 526	326 5	51 -1 52 230	298 681	599 5	298 271 54 236	T = MALDONADO
6	12 477	313 5	138 12 52 282	274 950	575 5	297 251 46 282	
7	89 212	390 5	111 67 44 326	284 789	585 5	284 262 44 326	
~~8~~		5			5		
B.M. 209-11						326	B.M. 209-11
	198 931			1 926 440		652	BOUQUET CN. RD. & HO. # 37041
				198 931			SEE F.B. 3734-35
				- 1 727 509			

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 209-11 TO 209-10
B.M. 209-11									B.M. 209-11
1	259	867	560 5	279 239 40	91	165	392 5	113 69 44	BOUQUET CN. RD. & Ho. # 37041
									SEE F.B. 3734-35
2	266	072	567 5	287 245 42	67	379	368 5	85 49 36	
								80	
3	286	160	587 5	309 263 82 46	32	316	333 5	57 7 50	
								130	⊼ J. MALDONADO
4	270	600	571 5	293 247 128 46	56	651	357 5	79 33 46	
								176	
5	293	752	594 5	½ 293 266 174 54	22	607	323 5	½ 50 22 56	
								232	
6	299	698	600 5	½ 299 274 228 50	16	453	317 5	½ 39 16 46	
								278	
7	248	782	549 5	268 228 278 40	53	837	354 5	73 33 40	
								318	
8	200	094	501 5	208 192 318 16	57	111	358 5	65 49 16	
				334 ✓				334 ✓	
								334 ✓	
	2125	025 ✓			397	519 ✓		668 ✓	
	397	519 ✓							
	+1727	506 ✓							
B.M. 209-10									B.M. 209-10
									BOUQUET CN. RD. 280± FT. N. OF
									BIG TREE TRAIL
									SEE F.B. 3734-33

T=69°

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

TIME 9:45 ROD NO. 95896

NOTES CHKD [signature] DATE

F.B. 2481 PG. 98 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 10-28-69

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM 209-11 TO 209-11A
B.M. 209-11									B.M. 209-11
1	74 443	375 5	94 / 54	40	230 374	531 5	250 / 210	40	BOUQUET CN. RD. & HO. #37041
									SEE F.B. 3734-35
2	61 910	362 5	85 / 37	48 / 88	257 950	558 5	282 / 232	50 / 90	
3	19 514	320 5	45 / 219	52 / 140	279 870	580 5	305 / 253	52 / 142	
4	18 769	319 5	45 / 218	54 / 194	271 444	572 5	298 / 244	54 / 196	π = MALDONADO
5	29 477	330 5	60 / -2	62 / 256	289 860	590 5	289 / 258	62 / 258	
6	144 321	445 5	166 / 122	44 / 300	114 444	415 5	136 / 92	44 / 302	
B.M. 209-11A								300	B.M. 209-11A
	348 434				443 942			602	BOUQUET CN. RD. & TROUTVILLE
					348 434				FIRE STATION.
					-1095 508				SEE F.B. 3734-37

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 10-23-69

INDEXED G. J. GALLI DATE

WEATHER CLEAR INST. NO. 967K

TIME 10:20 TO 10:45 ROD NO. 95-896

NOTES CHKD. [signature] DATE

T = 66

F.B. 2481 PG. 99

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM 209-11A TO 209-11
B.M. 209-11A									B.M. 209-11A (RD. DEPT. BL 1985)
1	118	228	419 5	132 44 48	133	843	434 5	58 108 50	BOUQUET CN. RD. AT TROUTVILLE FIRE STA.
2	276	988	577 5	304 248 56	45	740	346 5	73 17 56	SEE F.B. 3734-37
3	294	056	595 5	294 263 62 104	9	929	310 5	42 29 66 106	
4	259	560	560 5	288 230 58 166	22	532	323 5	48 -2 50 172	
5	294	280	595 5	294 269 50 224	24	408	325 5	50 -2 52 222	T = MALDONADO
6	208	680	509 5	222 194 28 274	119	683	420 5	133 105 28 274	
				302				302	
								302	
B.M. 209-11								604	B.M. 209-11
	1451	782	✓		256	135	✓		BOUQUET CN RD. & Ho. # 37041
	356	135	✓						SEE F.B. 3734-35
	+1095	647	✓						

T = 76°

WEATHER CLEAR INST. NO. 96776

TIME 2:40 TO 3:00 ROD NO. 95896

NOTES CHKD. [illegible] DATE

F.B. 2481 PG. 100 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-27-69

INDEXED C.J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 70
SURVEY BY G.E. DREIER
NOTES BY SIEMANN
INDEXED G. J. GALLI
DATE 10-23-69
DATE
WEATHER CLEAR
TIME 10:55-11:20
NOTES CHKD
INST. NO. 96716
ROD NO. 95296
DATE
F.B. 2481 PG. 101

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM 209-11A TO 209-12
B.M. 209-11A							B.M. 209-11A
1	29 213	330 5	37 21 16	275 836	576 5	283 267 16	BOUQUET CN. RD. & TROUTVILLE FIRE STATION.
2	18 779	319 5	47 218 58 74	291 391	592 5	291 262 58 74	SEE F.B. 3734-37
3	84 172	385 5	107 61 46 120	296 150	597 5	296 269 54 128	
4	10 391	311 5	144 210 68 188	285 760	586 5	285.5 257 56 184	T: MALDONADO
5	87 431	388 5	101 73 28 216	101 106	402 5	115 87 28 212	
6		5			5		
B.M. 209-12						216	B.M. 209-12
	229 986 ✓			1250 243 ✓		428	BOUQUET CN. RD. & 0.6 MI. N. OF SPUNKY CN. RD.
				229 986 ✓			SEE F.B. 3734-39
				1020 257 ✓			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2481 PG. 102 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-27-69

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 2:15 TO 2:30 ROD NO. 95576

NOTES CHKD DATE

T = 76°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 209-12 TO 209-11A
B.M. 209-12									B.M. 209-12
1	92	102	393	5	81	099	382	5	BOUQUET CN. RD. 0.6 MI. N. OF SPUNKY CN. RD.
2	285	805	586	5	18	492	319	5	SEE F.B. 3734-39
3	273	253	574	5	65	100	366	5	
4	274	109	575	5	52	951	353	5	
5	210	192	511	5	37	144	338	5	T = MALDONADO
6	189	566	490	5	49	843	350	5	
B.M. 209-11A									B.M. 209-11A
	1325027				304629				BOUQUET CN. RD. & TROUTVILLE FIRE STA.
	304629								SEE F.B. 3734-37
	+1020398								

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 10-23-69

INDEXED C.J. GALLI DATE

WEATHER Sunny & Light Wind

TIME 11:30 to 1:40

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95896

F.B. 2481 Pg. 103

T-68°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 209-12 TO BM 209-13
BM 209-12				23				260	BM 209-12
1	12	275	313 5	1 22	247	490	548 5	234 26	Bouquet Cyn. Rd. & 6 mi. N. of Spunky Cn. RD.
2	58	366	359 5	83 33 50	252	454	553 5	276 228 48	See F.B. 3734-39
3	100	505	401 5	130 70 72 60	298	638	599 5	298 268½ 74 60	
4	5	825	306 5	20 5½ 132 30	297	102	598 5	297 283½ 134 28	
5	7	583	308 5	35 7½ 162 56	285	274	586 5	285 260½ 162 50	
6	110	133	411 5	136 84 218 52	244	712	545 5	274 214 212 60	π-Stroud
7	22	973	323 5	51 22½ 270 58	295	150	596 5	295 263½ 272 64	
8	32	370	333 5	62 2 328 60	299	810	600 5	299 275½ 336 48	
9	51	165	352 5	85 17 388 68	275	235	575 5	275 238½ 384 74	
	139	983	440 5	~~272~~ 456	261	668	562	~~151~~ 458	
10	~~261~~	~~668~~	~~562 5~~	~~250~~ 22	~~139~~	~~983~~	~~440 5~~	~~127~~ 24	
				151 127 ~~478~~ 480				272 250 ~~482~~ 480 ~~478~~ 960	
	~~662~~	~~863~~			~~2635~~	~~848~~			
	541	178			~~662~~	~~863~~			
					~~1972~~	~~985~~			
BM 209-13					2757	533			BM 209-13
					541	178			Bouquet Cyn. Rd. & Spunky Cyn. Rd. N.W. Cor.
					2216	355			See F.B. 3734-41

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 209-13 TO 209-12
B.M. 209-13									B.M. 209-13
1	301	170	602.5	301 268 ½ 66	57	945	358 5	88 26 62	BOUQUET CN. RD. & SPUNKY CN. RD.
									SEE F.B. 3734-41
2	271	108	572 5	305 237 68	12	763	313 5	40 ½ 12 ½ 56	
3	262	978	563 5	281 ~~124~~ 134 243 38	69	728	370 5	96 42 118 54	
4	282	970	583 5	308 256 172 52	~~60~~ 62	208	363 5	88 36 172 52	
5	236	070	537 5	260 212 224 48	95	579	396 5	120 70 224 50	
6	299	333	600 5	299 272 ½ 272 54	~~12~~ 11	995	312 5	36 11 ½ 274 50	π-Stroud
7	296	251	597 5	308 284 326 24	32	600	333 5	45 19 324 26	
8	285	848	586 5	285 251 ½ 350 68	66	480	367 5	99 33 350 66	
9	269	994	570 5	298 240 418 58	12	830	313 5	44 12 ½ 416 64	
10	148	930	449 5	150 146 476 4	15	728	316 5	17 13 480 4	
				480				484	
								480	
	2654	652			437	856		964	
	437	856							
	+2216	796							
B.M. 209-12									B.M. 209-12
									BOUQUET CN. RD. & 0.6 MI. N. OF SPUNKY CN. RD.
									SEE F.B. 3734-39

T-78°

WEATHER Sunny & Light Breeze INST. NO. 96716

TIME 1:15 to ROD NO.

NOTES CHKD DATE

F.B. 2481 PG. 104 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 10-27-69

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY Maldonado DATE 10-31-69

INDEXED C.J. GALLI DATE

WEATHER Sunny & Windy INST. NO. 96716

TIME 11:20 to 12:00 ROD NO. 95E96

NOTES CHKD. [illegible] DATE

T-70°

F.B. 2481 PG. 105

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 209-12 TO 209-13
B.M. 209-12									B.M. 209-12
1	13 ~~14~~	811	314 5	23 3 20	210	946	511 5	220 200 20	BOUQUET CN. RD., 0.6 mi N.E. of
									SPUNKY CN. RD.
2	13	704	314 5	40 13 ½ 54	266	111	567 5	294 238 56	SEE F.B. 3734-39
3	27	230	328 5	59 27 ½ 74 64	281	287	582 5	281 ½ 76 66 ~~248 37~~	
4	18	359	319 5	29 7 138 22	283	329	584 5	293 273 142 20	
5	72	142	373 5	94 50 160 44	249	011	550 5	269 228 162 41	Re-Run
6	74	645	375 5	118 31 204 87	301	378	602 5	301 ½ 203 260 82	π-Dreier
7	12	325	313 5	37 12 ½ 291 50	287	120	588 5	287 ½ 285 258 58	
8	63	322	364 5	87 39 341 48	295	366	596 5	295 ½ 343 271 48	
9	43	900	344 5	72 14 389 58	222	045	523 5	250 194 391 56	
10	102	335	403 5	119 85 447 34	261	821	562 5	279 242 447 37	
				481				484	
								481	
	441	773			2658	414		965	
					441	773			
					-2216	641			
BM 209-									BM 209-13
									Bouquet Cyn. Rd. & Spunky
									Cyn. Rd. N.W. Cor.
									See F.B. 3734-41

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. ____ ROD NO. ____ DATE ____

WEATHER ____ TIME ____ NOTES CHKD ____

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 209-29 TO 209-28
~~B.M. 209-29~~									~~B.M. 209-29~~
	255	711	556	267 ~~243~~ 24	128	438	429 5	140 ~~116~~ 24	

F.B. 2481 Pg. 106 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY ____ NOTES ____

INDEXED C. J. GALLI DATE ____

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 209-13 TO BM 209-14
BM 209-13				238		65		185	BM 209-13
1	226	924	527 5	214 24	173	389	474 5	161 24	Bouquet Cyn. Rd. & Spunky Cyn. Rd. N.W. Cor.
2	230	900	531 5	251 209 42	9	342	310 5	28 1/2 9 38	See F.B. 3734-41
3	258	834	559 5	272 66 244 28	29	110	330 5	45 62 13 32	
4	299	505	600 5	299 94 284 1/2 30	17	226	318 5	32 94 2 30	
5	295	410	596 5	295 124 281 1/2 28	24	440	325 5	38 124 10 28	π-Stroud
6	281	958	582 5	296 152 266 30	25	878	326 5	41 152 9 32	
7	297	720	598 5	297 182 283 1/2 28	7	250	308 5	22 184 7 1/2 30	
8	300	152	601 5	300 1/2 210 285 30	39	730	340 5	51 214 27 24	
9	301	132	602 5	301 240 287 1/2 28	26	335	327 5	40 238 12 28	
10	301	993	602 5	301 268 287 1/2 28	38	902	339 5	53 266 23 30	
11	295	117	596 5	306 296 284 22	16	981	317 5	29 296 3 26	
12	272	400	573 5	280 318 264 16	26	288	367 5	36 322 16 20	
13	190	141	491 5	193 334 187 6	99	769	400 5	102 342 96 1/2 6	BM 209-14
				340				348	Bouquet Cyn. Rd. & 0.4 mi. S. Wly
BM 209-14	3552	186 ✓			534	640 ✓		340	FROM SPUNKY CN. RD.
	534	640 ✓						688	SEE F.B. 3734-43
	+3017	546 ✓							

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 10-23-69

INDEXED C. J. GALLI DATE

WEATHER Sunny & Light wind INST. NO. 96716

TIME 1:40 to 3:00 ROD NO. 95896

NOTES CHKD. [illegible] DATE [illegible]

T-72°

F.B. 2481 Pg. 107

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2481 PG. 108 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY TREIER NOTES MALDONADO 10-24-69

INDEXED C.J. GALLI DATE

WEATHER Mercast INST. NO. 96716

TIME 2:30 To ROD NO. 95896

NOTES CHKD. DATE

T-64°

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM 209-14 TO 209-13
B.M. 209-14	6544			56		8675			290		B.M. 209-14
1	47	622	348 5	38	18	281	380	582 5	272	18	BOUQUET CN. RD., 0.4 MI. S.W'LY
				22					298		FROM SPUNKY CN RD.
2	11	110	312 5	0	22	287	616	588 5	276	22	SEE F.B. 3734-43
				54	40				282	40	
3	43	010	344 5	32	22	271	900	572 5	260	22	
				55	62				298	22	
4	42	450	343 5	29	26	298	750	599 5	285	26	
				40	88				306	88	
5	27	433	328 5	14	26	293	780	594 5	280	26	
				42	114				299	104	
6	28	929	329 5	14	28	299	009	600 5	285	28	T-Stroud
				34	142				280	142	
7	21	730	322 5	8	26	267	478	568 5	254	26	
				47	168				283	168	
8	33	662	334 5	19	28	269	678	570 5	255	28	
				21	196				296	196	
9	6	808	307 5	6	30	282	598	583 5	268	28	
				42	226				300	224	
10	27	242	328 5	12	30	300	586	601 5	285	30	
				60	256				304	254	
11	45	040	346 5	30	30	288	335	589 5	272	32	
				65	286				222	286	
12	47	638	348 5	27	38	205	819	506 5	188	34	
				176	324				232	320	
13	167	168	468 5	158	18	220	620	521 5	208	24	
					342					344	B.M. 209-13
	549	842				3567549				342	BOUQUET CN. RD. & SPUNKY CN. RD.
B.M. 209-13						549842				686	SEE F.B. 3734-41
						-3019707					

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 209-14 TO 209-15
B.M. 209-14									~~BOUQUET C~~ B.M. 209-14
1	297	899	598 5	1/2 297 283 28	10	979	311 5	1/2 22 210 24	BOUQUET CN. RD. O. MI. S. WLY
2	283	926	584 5	295 271 24	19	999	320 5	33 5 28	FROM SPUNKY CN. RD. SEE F.B. 3734-43
3	296	937	597 5	1/2 296 284 52 24	16	138	317 5	30 2 52 28	
4	299	155	600 5	1/2 299 286 76 26	22	078	323 5	36 8 80 28	T SIEMANN
5	295	735	596 5	1/2 295 276 102 38	33	898	334 5	49 17 108 32	
6	131	100	432 5	152 110 140 42	200	480	501 5	221 179 140 42	
7	26	075	327 5	41 11 182 30	296	725	597 5	1/2 296 282 182 28	
8	14	697	315 5	24 4 212 20	291	782	592 5	302 280 210 22	
9	35	908	336 5	44 26 232 18	261	809	562 5	270 252 232 18	
10	33	691	334 5	44 22 250 22	269	431	570	281 257 250 24	
BM 209-15				272				274	BM 209-15
								272	BOUQUET CYN RD
	1715	123			1423	319		546	AT POWER POLE #
	1423	319							384248H, S. OF CULVERT 7.19
	+291	804							SEE F.B 3734-45

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

SURVEY BY G. E. DREIER

NOTES BY STROUD DATE 10-24-69

INDEXED C. J. GALLI DATE

WEATHER CLOUDY T-56

TIME 09:20

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95896

F.B. 2481 PG. 109

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2481 PG. 110 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES STROUD 10-24-69

INDEXED C. J. GALLI DATE

WEATHER CLOUDY INST. NO. 96716

TIME 13:50 ROD NO. 95896

NOTES CHKD DATE

T-62

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 209-15 TO 209-14
B.M. 209-15									B.M. 209-15
1	288	478	589.5	300 276 24	33	975	334.5	45 21 24	BOUQUET CN. RD. S. OF CULVERT 7.19
4									SEE F.B. 3734-45
2	301	781	602.5	301 ½288 26	9	650	310.5	21 -3 24	
4									
3	297	319	598.5	307 287 20	9	901	310.5	21 ½9 24	T SIEMANN
4	296	247	597.5	296 ½281 30	82	845	383.5	96 68 28	
5	189	721	490.5	213 165 48	228	213	529.5	232 204 48	
6	15	980	316.5	30 0 30	298	678	599.5	298 ½284 28	
7	14	275	315.5	26 2 24	299	940	600.5	299 ½286 26	
8.	28	408	329.5	41 15 26	290	616	591.5	303 277 26	
9.	19	521	320.5	32 6 26	301	780	602.5	301 ½288 26	
10	50	449	351	59 41 18	238	490	539	247 229 18	
	1502	199			1794	088		272 272 544	
					1502	199			
B.M. 209-14					291	889			B.M. 209-14
									BOUQUET CN. RD. 0.4 MI. S. OF SPUNKY CN. RD.
									SEE F.B. 3734-43

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 209-15 TO BM 209-16
BM 209-15									BM 209-15
1	18	600	319 5	28 8 20	290	840	591 5	300 280 20	BOUQUET CYN. RD. AT
									POWER POLE # 584248H
2	22	894	323 5	32 12 20 40	276	999	577 5	286 266 20 40	SEE FB 3734-45
									(CULVERT 7.19)
3	13	108	314 5	24 2 22 62	274	393	575 5	286 262 24 64	
									⊼ SIEMANN
4	12	095	313 5	24 0 24 86	290	858	591 5	302 278 24 88	
X 5	31	622	332 5	43 17 26 112	259	150	560 5	273 245 28 116	
6	30	490	331 5	46 14 32 144	277	808	578 5	293 261 32 148	
7	18	017	319 5	32 4 28 172	262	868	563 5	274 250 24 172	
8	54	841	355 5	68 40 28 200	245	823	546 5	258 232 26 198	
9	42	280	343 5	62 22 40 240	246	321	547 5	266 226 40 238	
10	148	022	449 5	180 116 64 304	158	072	459	191 125 66 304	
BM 209-16								304	BM 209-16
								304	BOUQUET CYN RD S. ~~AT~~
	391	969			2583	132		608	OF CULVERT 7.55
					391	969			SEE F.B. 3734-47
					-2191	163			

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

SURVEY BY G. BORFIER

NOTES BY STROUD DATE 10-24-69 WEATHER T 70 CLOWDY INST. NO. 96716

INDEXED C. J. GALLI DATE TIME 10:00 ROD NO. 95496

NOTES CHKD [illegible] DATE

F.B. 2481 PG. 111

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 209-16 TO 209-15
B.M. 209-16		432							B.M. 209-16
1	155	963	456 5	193 117 76	73	521	374 5	111 35 76	BOUQUET CN. RD. S. OF CULVERT 7.55
2	293	080	594 5	1/2 293 265 56	11	088	312 5	1/2 36 11 50	SEE F.B. 3734-47
3	293	531	594 5	307 279 28	21	782	322 5	38 4 34	
4	290	044	591 5	306 274 32	52	767	353 5	68 36 32	T SIEMANN
5	291	502	592 5	306 276 30	13	621	314 5	27 -1 28	
6	299	891	600 5	1/2 299 287 24	10	596	311 5	20 0 20	
7	279	207	580 5	289 269 20	6	861	307 5	1/2 18 6 24	
8	297	860	598 5	1/2 297 286 22	23	822	324 5	35 11 24	
9	230	818	531 5	240 220 20	26	787	327 5	36 16 20	
~~BM 209-15~~				308				308	
								308	
								616	
	2431896				240845				
	240845								
	+ 2191051								
B.M. 209-15									B.M. 209-15
									BOUQUET CN. RD. S. OF CULVERT 7.19
									SEE F.B. 3734-45

F.B. 2481 PG. 112 JOB NO. 0301.02

SURVEY OF LA Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES STROUD 10-24-69

INDEXED C. J. GALLI DATE

WEATHER CLOUDY INST. NO. 96716

TIME 13:15 ROD NO. 95896

NOTES CHKD [illegible] DATE

T59

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 209-16 TO B.M. 209-17
B.M. 209-16									B.M. 209-16
1	228	155	529 5	262 / 194 68	158	438	459 5	191 / 125 66	Bouquet Cyn. Rd. & Culvert #7.55
2	136	522	437 5	171 / 101 70	147	070	448 5	183 / 111 72	See F.B. 3734-47
3	151	813	452 5	186 138 / 116 70	157	275	458 5	191 138 / 123 68	
4	136	178	437 5	171 208 / 101 70	170	935	471 5	206 206 / 134 72	
5	152	853	453 5	187 278 / 117 70	195	972	496 5	231 278 / 159 72	
6	122	812	423 5	151 348 / 93 58	299	500	600 5	299 350 / 277½ 44	T-Stroud
7	16	443	317 5	27 406 / 5 22	299	961	600 5	299 394 / 286½ 26	
8	~~36~~ 37	950	338 5	40 428 / 34 6	285	992	586 5	292 420 / 278 14	
9	53	760	354 5	61 434 / 45 16	292	198	593 5	301 434 / 283 18	
10	7	040	308 5	17 450 / 7½ 20	257	903	558 5	266 452 / 248 18	
				470				470	
								470	
	1043	526			2265	244		940	
					1043	526			
					1221	718			
BM 209-17									BM 209-17 Bouquet Cyn. Rd. & Bouquet Reservoir Dam see F.B. 3734-49

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 10-24-23

INDEXED C. J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 96716

TIME 10:55 to ROD NO. 95 & 96

NOTES CHKD [illegible] DATE

T-56°

F.B. 2481 PG. 113

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 209-17 TO BM 209-16
BM 209-17									BM 209-17
1	274	846	575 5	284 264 20	35	220	336 5	45 25 20	Bouquet Cyn. Rd., & Bouquet Reservoir Dam
2	300	414	601 5	300 1/2 290 20	6	595	307 5	16 1/2 6 20	See F.B. 3734-49
3	290	808	591 5	297 40 283 14	5	701	306 5	13 1/2 40 5 16	
4	278	039	579 5	286 54 270 16	59	305	360 5	67 56 51 16	
5	295	330	596 5	295 1/2 70 276 38	121	314	422 5	141 72 99 42	
6	174 ~~174~~	402	475 5	210 108 138 72	151	790	452 5	184 114 118 66	R-Stroud
7	162	358	463 5	198 180 126 72	133	216	434 5	169 180 97 72	
8	159	248	460 5	194 252 124 70	147	698	448 5	182 252 112 70	
9	149	832	450 5	184 322 114 70	130	508	431 5	164 322 96 68	
~~10~~ 10	157	270	458 5	196 392 118 78	229	276	530 5	268 190 78	
				470				468	
								470	
	2242	547			1020	623		938	
	1020	623							
	+ 1221	924							
									BM 209-16 Culvert
									Bouquet Cyn. Rd. & ~~Tel. Pole~~ # 7.55
BM 209-16									See F.B. 3734-47

T-64°

WEATHER Overcast INST. NO. 96716

TIME 2:45 to ROD NO. 95896

NOTES CHKD [illegible] DATE

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 10-17-69

INDEXED C. J. GALLI DATE

F.B. 2481 PG. 114

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

103 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G E DREIER

NOTES BY SIEMANN DATE 9-19-69

INDEXED C. L. GALLI DATE

WEATHER LT. WIND INST. NO 96716

TIME 10:45 TO 11:30 ROD NO. 95896

NOTES CHKD. [illegible] DATE [illegible]

T = 78°

F.B. 2481 Pg. 115

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA		DESCRIPTION AND REMARKS
											FROM 209-17 TO 209-~~17~~ 17A
B.M. 209-17											B.M. 209-17
1	58	766	359 5	70 46	24	299 ~~300~~	989	600 5	299 287	24	BOUQUET CN. RD. AT BOUQUET CN. RESERVIOR.
2	29	279	330 5	36 22	14	274	683	575 5	282 266	16	SEE F.B. 3734-49
					38					40	
3	5	510	306 5	18 5	26	294	458	595 5	308 280	28	
					64					68	
4	11	869	312 5	20 2	18	220	692	521 5	225 215	10	
					82					78	
5	28	559	329 5	36 20	16	297	191	598 5	308 286	22	
					98					100	
6	19	537	320 5	25 13	12	262	470	563 5	268 256	12	T = MALDONADO
					120					112	
7	35	785	336 5	42 28	14	281	271	582 5	289 273	16	
					124					128	
8	29	412	330 5	43 15	28	300	267	601 5	300 288	24	
					152					152	
9	13	717	314 5	22 4	18	301	089	602 5	301 291	20	
					170					172	
10	21	260	322 5	30 12	18	264	854	565 5	272 256	16	
					188					188	
11	69	121	370 5	74 64	10	191	827	492 5	196 186	10	
					198					198	
~~12~~ 12	145	434	446 5	147 143	4	102	837	403 5	104 100	4	
					202					202	
B.M. 209-17A										202	B.M. 209-17A
	468	249				3081	628			404	BOUQUET CN. RD. 0.25 MI. S. OF DAM
						468	249				SEE F.B. 3734-51
						2623	379				

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2481 PG. 116 JOB NO. 0301.02 INST. NO. 96716
SURVEY OF L.A. CO. PRECISE LEVEL NET ROD NO. 95576
SURVEY BY DREIER NOTES SIEMANN 10-16-69 DATE
INDEXED C.J. DATE
NOTES CHKD DATE
TIME 11:30 TO 12:00 WEATHER CLOUDY T = 64°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM 209-17A TO 209-17
B.M. 209-17A							B.M. 209-17A
1	238 215	539.5	248 228 20	4 179	305 5	214 24 20	BOUQUET CN. RD. & P.P.#
							SEE F.B. 3734-51
2	292 852	593 5	301 283 18	8 439	309 5	18 -2 16	
			38			36	
3	271 980	572.5	280 262 18	10 778	311 5	20 0 20	
			56			56	
4	259 341	560 5	268 250 18	59 780	360 5	68 50 18	
			74			74	
5	300 183	601 5	300 290 20	9 032	310 5	20 -2 18	
			94			92	
6	221 501	522 5	228 214 14	7 856	308 5	15 -1 14	
			108			106	T = MALDONADO
7	268 151	569 5	276 260 16	23 189	324 5	31 15 16	
			124			122	
8	281 279	582 5	291 271 20	34 867	335 5	44 24 20	
			144			142	
9	295 358	596 5	307 283 24	16 670	317 5	27 5 22	
			168			164	
10	259 290	560 5	267 251 16	18 188	319 5	29 8 22	
			184			186	
11	261 751	562	268 254 14	133 475	434	139 127 12	
			198 ✓			198 ✓	
B.M. 209-17		✓				198	B.M. 209-17
	2949.901			326453 ✓		396	BOUQUET CN. RD. & BOUQUET DAM.
	326453 ✓						SEE F.B. 3734-49
	+ 2623.448 ✓						

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 9-19-69
INDEXED C.J. GALLI DATE
WEATHER LT. WIND 78°
TIME 11:35 TO 12:00
NOTES CHKD DATE
INST. NO. 96716
ROD NO. 85 & 96
F.B. 2481 PG. 117

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM B.M. 209-17A TO 209-18
B.M. 209-17A											B.M. 209-17A
1	99	831	400	5	101 97 4	142	420	443	5	144 140 4	BOUQUET CN. RD., 0.25 MI. S. OF DAM
											SEE F.B. 3734-51
2	30	848	331	5	40 20 20 24	275	153	576	5	284 266 18 22	
3	13	529	314	5	23 3 20 44	289	722	590	5	300 278 22 44	
4	21	438	322	5	30 12 18 62	281	737	582	5	290 272 18 62	π J. MALDONADO
5	29	281	330	5	38 20 18 80	282	721	583	5	291 273 18 80	
6	19	545	320	5	28 10 18 98	299	351	600	5	½ 299 2 290 18 98	
7	25	840	326	5	34 16 18 116	278	910	579	5	287 269 18 116	
8	53	732	354	5	65 41 24 140	301	588	602	5	½ 301 2 290 22 138	
9	41	087	342	5	50 32 18 158	287	311	588	5	297 277 20 158	
10	12	850	313	5	26 -2 28 186	258	759	559	5	271 245 26 184 186	
B.M. 209-18	347	981				2899	672			370	B.M. 209-18
						347	981				BOUQUET CN. RD. 0.5 MI. S. OF DAM
						2349	691				SEE F.B. 3734-53

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2481 Pg. 118 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-17-69

INDEXED C. J. GALLI DATE

T = 66°

WEATHER CLOUDY INST. NO. 96716

TIME 10:50 TO 11:25 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 209-18 TO 209-17A
B.M. 209-18									B.M. 209-18
1	266	951	567 5	278 254 24	39 490	340 5		52 26 26	BOUQUET CN. RD. & P.P.# SEE F.B. 3734-53
2	284	926	585 5	294 274 20	38 579	339 5		48 28 20	
								46	
3	296	253	597 5	306 286 44 20	15 443	316 5		24 6 18	
								64	
4	289	499	590 5	300 278 64 22	28 280	329 5		38 18 20	
								84	
5	273	050	574 5	283 263 86 20	16 100	317 5		26 6 20	
								104	T = MALDONADO
6	297	870	598 5	308 286 106 22	6 317	307 5		417 26 22	
								126	
7	292	979	593 5	302 282 128 20	5 008	306 5		416 25 22	
								148	
8	299	742	600 5	308 290 148 18	17 085	318 5		26 8 18	
								166	
9	227	618	528 5	234 220 166 14	12 779	313 5		20 4 16	
				180				182	
								180	B.M. 209-17A
B.M. 209-17A								362	~~MULT~~
	2528	888			179	081			BOUQUET CN. RD. & P.P.# 584227H.
	179	081							SEE F.B. 3734-51
	+2349	807							

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 C.J. GALLI DATE 9-19-69
INDEXED DATE
WEATHER Sunny & Breezy TIME 1:10 to 1:55
NOTES CHKD. DATE
T-80°
F.B. 3481 Pg. 119
INST. NO. 96716
ROD NO. 7113 A&B 95996

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM BM 209-18 TO BM 209-19
BM 209-18									BM 209-18
1	3	188	304 5	12 3 1/2 18	300	621	601 5	300, 291 1/2 18	Bouquet Cyn. Rd., ¾ 0.45 mi.
									S.W'ly. from Bouquet Reservoir
2	6	620	307 5	16 6 1/2 20	286 ~~285~~	030	587 5	296 276 20	See F.B. 3734-53
				38				38	
3	7	385	308 5	16 7 1/2 18	295	057	596 5	304, 286 18	
				56				56	
4	17	430	318 5	26 8 18	299	421	600 5	299, 290 1/2 18	
				74				74	
5	10	565	311 5	20 0 20	296	390	597 5	307 285 22	T-Siemann
				94				96	
6	4	288	305 5	13 4 1/4 18	284	712	585 5	293 275 18	
				112				114	
7	11	749	312 5	19 3 16	289	062	590 5	298 280 18	
				128				132	
8	12 ~~6~~	799	313 5	37 12 1/2 50	209	858	510 5	235 183 52	
				178				184	
9	33	508	334 5	49 17 32	279	409	580 5	292 266 26	
				210				210	
10	8	760	309 5	21 8 1/2 26	301	400	602 5	301, 291 1/2 20	
				236				230	
11	17	313	318 5	32 2 30	283	064	584 5	302 264 38	
				266				268	
12	140	988	441 5	145 135 10	136	905	437 5	141 131 10	
				276				278	
								276	BM 209-19
BM 209-19	274	593	✓		3261929	✓		554	Bouquet Cyn. Rd. & Culvert
					274593	✓			#8.99
					-2987336	✓			See F.B. 3734-55

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM BM209-19 TO BM209-18
BM 209-19									BM 209-19
1	205	971	506 5	225 / 185 40	15	000	316 5	34 / 15 1/2 38	Bouquet Cyn. Rd., & Culvert # 8.99
2	288	592	589 5	298 / 278 20	18	342	319 5	29 / 7 22	See F.B. 3734-55
3	285	918	586 5	296 60 / 274 22	52	065	353 5	63 60 / 41 22	
4	254	469	555 5	279 82 / 229 50	81	630	382 5	105 82 / 57 48	
5	258	992	559 5	271 132 / 245 26	10	381	311 5	24 130 / 10 1/2 28	
6	299	895	600 5	307 158 / 291 16	43	890	344 5	51 158 / 35 16	R- Siemann
7	297	721	598 5	306 174 / 288 18	21	152	322 5	30 174 / 12 18	
8	298	690	599 5	308 192 / 288 20	14	792	315 5	24 192 / 4 20	
9	297	511	598 5	307 212 / 287 20	5	782	306 5	15 1/2 212 / 5 20	
10	297	692	598 5	306 232 / 288 18	26	406	327 5	36 232 / 16 20	
11	292	927	593 5	302 250 / 282 20	20	598	321 5	29 252 / 11 18	
12	232	398	533 5	237 270 / 227 10	13	351	314 5	18 270 / 8 10	
				280				280	BM 209-18
								280	Bouquet Cyn. Rd., 0.45 mi. S.W'ly.
	3210	676			323	389		560	of Bouquet Reservoir
BM209-18	323	389							see F.B. 3734-53
	+2987	387							

T-58°

WEATHER Overcast INST. NO. 96716

TIME 10:05 40 ROD NO. 95896

NOTES CHKD [illegible] DATE

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado

INDEXED C. J. GALLI DATE

F.B. 2481 Pg. 120

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 BM209-19 TO BM209-20
BM 209-19									BM 209-19
1	36	645	337 5	68 4 64	221	886	522 5	253 189 64	Bouquet Cyn. Rd. & Culvert #8.99
2	65	275	366 5	80 50 30	284	529	585 5	299 269 30	See F.B. 3734-55
3	5	981	306 5	24 5 ½ 94 38	298	207	599 5	298 284 ½ 94 28	
4	9	208	310 5	25 9 ½ 132 32	281	747	582 5	302 260 122 42	
5	30	060	331 5	48 12 164 36	290	600	591 5	290 272 ½ 164 36	K-Siemann
6	96	213	397 5	124 68 200 56	244	151	545 5	272 216 200 56	
7	17	799	318 5	39 17 ½ 256 44	297	832	598 5	297 279 ½ 256 36	
8	60	388	361 5	72 48 300 34	125	831	426 5	141 109 292 32	
				334				324	
								334	
	321	569			2044	783		658	
					321	569			
					-1723	214			
BM 209-20									BM 209-20 Bouquet Cyn. Rd. & Ho. #34673 See F.B. 3734-57

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 9-19-69

INSPECTED G. J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 96716

TIME 2:00 + 62:35 ROD NO. 95 & 96

NOTES CHKD. [illegible] DATE

T-84°

F.B. 2481 Pg. 124

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 209-20 TO BM 209-19
BM209-20									BM209-20
				57				72	Bouquet Cyn. Rd. & House
1	46	079	347 5	35 22	61	863	362 5	50 22	#34673
				298 1/2				60	See F.B. 3734-57
2	298	887	599 5	284 28	45	403	346 5	30 30	
				288 1/2 50				114 52	
3	288	007	589 5	264 48	89	767	390 5	64 50	
				243 98				30 1/2 102	
4	218	010	519 5	193 50	11	628	312 5	11 38	
				288 148				29 1/2 140	
5	270	445	571 5	252 36	7	093	308 5	7 44	T. Siemann
				266 184				47 184	
6	255	585	556 5	244 22	36	710	337 5	25 22	
				298 206				44 206	
7	286	119	587 5	274 22	32	547	333 5	20 24	
				300 228				113 230	
8	280	390	581 5	260 40	94	778	395 5	75 38	
				220 268				60 268	
9	192	668	493 5	164 56	33	000	334 5	6 54	
				324				322	1723.404
	21	190			412	789		324	
	2136	~~200~~			412	789		646	
	412	789							
	+1723	401							
BM209-19	1723	401							BM209-19
									Bouquet Cyn. Rd., & Culvert
									#8.99
									See F.B. 3734-55

T 58°

WEATHER Overcast INST. NO. 96716
TIME 9:20 to 10:05 ROD NO. 95196
NOTES CHKD. [illegible] DATE NOV 24 '89

JOB NO. 0301.02
SURVEY OF L.A.Co. Precise Level Net
SURVEY BY Dreier NOTES Maldonado
INDEXED C. J. GALLI DATE

F.B. 2481 PG. 122

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 Maldonado NOTES BY G.E. Drelet DATE 9-19-69 WEATHER Sunny 78 TIME 2:35 to ROD NO. 17746 INST. NO. 96 F.B. 2481 PG. 125
NOTES CHKD. DATE

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS From BM 209-20 To BM 209-20A
BM 209-							BM 209-20
1	35621	336 5	37 33 4	174741	475 5	176 172 4	Bouquet Cyn. Rd. & Ho. 34673
							See F.B. 3734-57
2	64296	365 5	74 54 20	243732	544 5	254 232 22	
3	76189	377 5	94 58 24 36	289514	590 5	289 271½ 26 36	
4	8760	309 5	27 8½ 60 38	290844	591 5	290 271½ 62 38	
5	13825	314 5	22 4 98 18	261338	562 5	270 252 100 18	T-Stroud
6	23739	324 5	33 13 116 20	276633	577 5	286 266 118 20	
7	15570	316 5	29 1 136 28	298531	599 5	298 287½ 138 22	
8	5931	306 5	11 5½ 164 12	298319	599 5	298 291½ 160 14	
9	16962	317 5	24 8 176 16	262968	563 5	270 254 174 16	
10	23628	324 5	33 13 192 20	282059	583 5	293 271 190 22	
11	126379	427 5	129 123 212 6	95601	396 5	98 92 212 6	
			218			218	
						218	
						436	
	410900 ✓			2774280 ✓			
				410900 ✓			
BM 209-20A				2363380 ✓			BM 209-20A
							Bouquet Cyn. Rd. & Culvert 9.61
							See F.B. 3734-59

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.

F.B. 2481 Pg. 124 JOB NO. 0301.02 SURVEY OF Maldonado 9-24-69 SURVEY BY D.G.S. NOTES DATE INDEXED C.J. GILL DATE

WEATHER Sunny & Breezy INST. NO. 96716 ROD NO. 95-E96 TIME 2:00 to DATE NOTES CHKD

T-92°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From BM209-20A To BM209-20
BM 209-20A			119			94	BM209-20A
1	113 469	414 5	107 12	87 560	388 5	80 14	Bouquet Cyn. Rd. & Culvert House #34673 #9.61
2	280 876	581 5	289 271 18	32 371	333 5	41 23 18	See F.B. 3734-59
3	294 403	595 5	304 30 284 20	17 072	318 5	26 32 8 18	
4	286 205	587 5	293 50 279 14	6 440	307 5	13½ 50 6 14	
5	295 781	596 5	304 64 286 18	82 142	383 5	92 64 72 20	
6	289 532	590 5	300 82 278 22	32 854	333 5	42 84 22 20	X-Stroud
7	265 643	566 5	275 104 255 20	12 622	313 5	24 104 0 24	
8	277 ~~23~~ 228	578 5	290 124 264 26	63 063	364 5	76 128 50 26	
9	277 213	578 5	289 150 265 24	68 331	369 5	78 154 58 20	
10	265 088	566 5	280 174 250 30	144 360	445 5	158 174 130 28	
11	229 788	530 5	237 204 221 16	103 215	404 5	111 202 95 16	
12	170 959	471 5	172 220 168 4	32 746	333 5	34 218 30 4	
			224			222	BM209-20
						224	Bouquet Cyn. Rd. & House
BM209-20	3046 185			682 776		446	#34673
	682 776						See F.B. 3734-57
	+ 2363 409						

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 209-20A TO BM 209-21
BM209-20A				24				249	BM 209-20A
1	19	818	320 5	14 10	243	903	544 5	237 12	Bouquet Cyn. Rd. & Culvert 9.61
				24				301	See F.B. 3734-59
2	15	003	316 5	6 18	292	578	593 5	283 18	
				26 28				279 30	
3	17	831	318 5	8 18	270	158	571 5	261 18	
				29 46				298 48	
4	19	482	320 5	9 20	288	307	589 5	278 20	
				36 66				301 68	
5	26	148	327 5	16 20	301	308	602 5	291 ½ 20	
				36 86				303 88	π-Stroud
6	27	911	328 5	18 18	294	950	595 5	285 18	
				55 104				188 106	
7	49	708	350 5	43 12	182	320	483 5	176 12	
				116				118	
								116	
	175	901			1873	524		234	
					175	901			
					1697	623			
BM 209-21									BM 209-21
									Bouquet Cyn. Rd. & Culvert 9.80
									See F.B. 3734 - 61

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 9-22-69

INDEXED G.J. GALLI DATE

WEATHER Sunny & Calm INST. NO. 96716

TIME 10:10 to 10:45 ROD NO. 77345 95896

NOTES CHKD. [illegible] DATE

T-80°

F.B. 2481 Pg. 125

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2481 PG. 126 JOB NO. 0301.02 SURVEY OF Surveying Cal Inst. NO. 96716 SURVEY BY Drew NOTES Maldonado 9-24-69 ROD NO. 95896 INDEXED C.J. GALLI DATE NOTES CHKD DATE JAN 24 69 WEATHER T=92° TIME 1:20 to 2:00

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 209-21 TO BM 209-20A
BM 209-21				298				23	BM 209-21
1	285	455	586 5	272 26	13	949	314 5	3 20	Bouquet Cyn. Rd. & Culvert #9.80
				305				17	
2	295	473	596 5	285 20	7	788	308 5	7 ½ 20	See F.B. 3734-61
				280 46				33 40	
3	271	035	572 5	262 18	22	603	323 5	11 22	
				300 64				27 62	
4	293	088	594 5	286 14	18	349	319 5	9 18	
				300 78				23 80	
5	300	210	601 5	292 16	14	789	315 5	7 16	T-Stroud
				295 94				44 96	
6	286	798	587 5	277 18	35	175	336 5	26 18	
				136 112				58 114	
7	134	843	435 5	132 4	56	658	357 5	54 4	
				116				118	
								116	
								234	
	1866902				169311				
	169311								
	+1697591								
									BM 209-20A Bouquet Cyn. Rd. & Culvert #9.61 See F.B. 3734-59
BM 209-20A									

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 SIEMANN
DATE 9-22-69
WEATHER CLEAR INST. NO. 96716
TIME 10:50 TO 11:20 ROD NO. 95296
T = 80
F.B. 2481 Pg. 127

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 209-21 TO B.M. 209-22
B.M. 209-21													B.M. 209-21
1	25	989	326	5	32 18	14	291	769	592	5	299 283	16	BOUQUET CN. RD. & CULVERT #9.80
													SEE F.B. 3734-61
2	18	851	319	5	27 9	18	278	798	579	5	288 268	20	
						32						36	
3	20	062	321	5	28 12	16	296	467	597	5	305 287	18	
						48						54	
4	21	942	322	5	28 14	14	221	329	522	5	225 217	8	
						62						62	
5	21	851	322	5	29 13	16	301	371	602	5	301 292	18	T = MALDONADO
						78						80	
6	11	789	312	5	½ 30 11	38	298	681	599	5	½ 298 279	38	
						116						118	
7	51	560	352	5	67 35	32	300	368	601	5	300 284	32	
						148						150	
8	11	617	312	5	½ 24 11	26	211	332	512	5	223 199	24	
						174						174	
B.M. 209-22												174	B.M. 209-22
	183	661					2800115					348	BOUQUET CN. RD. & CULVERT #9.95
							183661						SEE F.B. 3734-63
							-2616454						

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2481 PG. 128 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-24-69

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 11:30 TO 12:00 ROD NO. 95896

NOTES CHKD DATE

T = 78°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM 209-22 TO 209-21
B.M. 209-22							B.M. 209-22
1	182.435	483.5	194 170 24	53 241	354.5	65 41 24	BOUQUET CN. RD. & CULVERT #9.95
							SEE F.B. 3734-63
2	266 887	567.5	277 255 22	53 858	354.5	64 42 22	
			46			46	
3	252.883	553.5	265 239 26	13391	314.5	26 0 26	
			72			72	
4	247931	548.5	258 236 22	27 889	328.5	38 16 22	
			94			94	
5	291.378	592.5	301 281 20	10 227	311.5	20 0 20	T = MALDONADO
			114			114	
6	273691	574.5	281 265 16	30 425	331.5	38 22 16	
			130			130	
7	280770	581.5	289 271 18	10 202	311.5	20 0 20	
			148			150	
8	245931	546.5	252 238 14	31 733	332.5	37 23 14	
			162	23 0966		164	
9	228.363	529.5	232 224 8	22863	323.5	25 19 6	
			170 ✓			170 ✓	
B.M. 209-21						170	B.M. 209-21
	22.70.269 ✓			253829 ✓		340	BOUQUET CN. RD. & CULVERT #9.80
	253829 ✓						SEE F.B. 3734-61
	+2016440 ✓						

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 SIEMANN DATE 9-22-69 TIME 11:25 TO 12:00 WEATHER CLEAR INST. NO. 96716

INDEXED C. L. GALLI DATE NOTES CHKD. [illegible] DATE [illegible]

T = 80°

F.B. 2481 PG. 129

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM 209-22 TO 209-23
B.M. 209-22													B.M. 209-22
1	55	970	356	5	72 / 38	34	230	772	531	5	247 / 211	38	BOUQUET CN. RD. & CULVERT # 9.95
													SEE F.B. 3734-63
2	34	423	335	5	51 / 17	34	213	208	514	5	230 / 196	34	
						68						72	
3	49	349	350	5	76 / 22	54	280	434	581	5	308 / 252	56	
						122						128	
4	33	132	334	5	50 / 16	34	287	197	588	5	301 / 273	28	
						156						156	
5	43	268	344	5	61 / 25	36	260	533	561	5	279 / 241	38	π = MALDONADO
						192						194	
6	33	412	334	5	49 / 17	32	227	793	528	5	243 / 211	32	
						224						226	
7	145	819	446	5	180 / 110	70	159 ~~190~~	897	460	5	194 / 124	70	
						294						296	
8	25	260	326	5	43 / 7	36	299	721	600	5	299 / 282	34	
						330						330	
9	17	991	318	5	29 / 5	24	275	683	576	5	287 / 263	24	
						354						354	
10	75	659	376	5	88 / 62	26	215	551	516	5	227 / 203	24	
						380						378	
B.M. 209-23												380	B.M. 209-23
	514	283					2450	789				758	BOUQUET CN. RD. & CULVERT # 10.42
							514	283					SEE F.B. 3734-65
							1936	506					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2481 Pg. 130 JOB NO 03102 INST. NO 96716 ROD NO 95896

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 9-23-69 DATE

INDEXED C.J. GALLI DATE

WEATHER CLEAR - BREEZE 82°

TIME 2:25 TO 3:10 NOTES CHKD

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 209-23 TO BM 209-22
BM 209-23	5 3½		292				B.M 209-23
	292 231	593 5	½ 267 50				BOUQUET CN. RD AT CULVERT # 10.42
1	264 760	565 5	282 ½ 264 36	11 123	312 5	½ 30 ½ 11 38	SEE F.B. 3734-65
2	273 182	574 5	288 258 30 66	10 542	311 5	½ 24 ½ 10 28 66	
3	288 157	589 5	301 275 26 92	87 559	388 5	100 74 26	
4	98 602	399 5	132 64 68 160	92 700	393 5	127 57 70 162	⊼ J. MALDONADO
5	226 301	527 5	238 214 24	61 040	362 5	73 47 26	
6	263 122	564 5	282 244 38 222	32 289	333 5	52 12 40	
7	276 121	577 5	293 259 34 256	63 822	364 5	78 48 30	
8	274 810	575 5	294 254 40 296	40 941	341 5	60 20 40	
9	262 392	563 5	282 242 40 336	50 044	351 5	71 29 42	
10	235 337	536	256 214 42 378	76 562	277 5	95 57 38 378	
BM 209-22						378	B.M. 209-22
	2462784			526622		56	BOUQUET CN. RD. AT CULVERT # 9.95
	526622						SEE F.B. 3734-63
	+1936162						

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 = 78°
SURVEY BY G. E. DREIER WEATHER CLEAR INST. NO. 96716
NOTES BY SIEMANN DATE 9-24-69 TIME 10:00 TO 10:30 ROD NO. 95596
F.B. 24481 PG. 131

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
					RERUN								FROM 209-22 TO 209-23
B.M.209-22													B.M. 209-22
1	50	240	351	5	77 / 23	54	282	842	583	5	340 / 254	56	BOUQUET CN. RD. & CULVERT #9.95
													SEE F.B. 3734-63
2	31	737	332	5	53 / 9	44	266	473	567	5	286 / 246	40	
						98						96	
3	47	430	348	5	66 / 28	38	277	698	578	5	298 / 256	42	
						136						138	
4	11	150	312	5	130 / 11	38	286	391	587	5	306 / 266	40	
						74						178	RERUN
5	29	769	330	5	50 / 8	42	269	722	570	5	288 / 250	38	
						216						216	
6	91	450	392	5	122 / 60	62	86	653	387	5	118 / 54	64	T = MALDONADO
						278						280	
7	20	544	321	5	146 / 20	52	289	972	590	5	289 / 266	46	
						330						326	
8	14	381	315	5	25 / 3	22	288	454	589	5	301 / 275	26	
						352						352	
9	18	483	319	5	32 / 4	28	203	499	504	5	217 / 189	26	
						380 ✓						378 ✓	
												380	B.M. 209-23
B.M.209-23												758	BOUQUET CN. RD. & CULVERT #0.42
	315	184 ✓					225	704 ✓					SEE F.B. 3734-65
							315	184 ✓					
							- 1	936	520 ✓				

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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.

RE RUN

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM 209-23 TO 209-22
B.M. 209-23									B.M. 209-23
1	~~264091~~	~~5~~	~~5 65 5~~	~~285 293 42~~	12	3 311	313 5	1/2 27 212.30	BOUQUET CN. RD. & CULVERT #10.42
	222489		523 5	238 206 32					SEE F.B. 3734-65
2	301011		602 5	1301 2287 28	10	621	311 5	1/2 25 10 30	
				60				60	
3	263273		564 5	276 250 26	76	842	377 5	90 62 28	
				86				88	
4	144071		445 5	175 113 62	160	818	461 5	190 130 60	
				148				148	
5	204781		505 5	218 190 28	45	361	346 5	61 29 32	RE RUN
				176				180	
6	245556		546 5	260 230 30	73	761	374 5	88 58 30	
				206				210	T = J. M. MALDONADO
7	257366		558 5	270 244 26	12	531	313 5	1/2 26 12 28	
				232				238	
8	274343		575 5	295 253 42	33	270	334 5	58 9 48	
				274				286	
9	239154		540 5	258 220 38	99	402	400 5	114 84 30	
				312				316	
10	260516		561 5	276 244 32	81	450	382 5	96 66 30	
				344				346	
11	193390		494 5	210 176 34	63	104	364 5	79 47 32	
				378 ✓				378 ✓	
								378	B.M. 209-22
B.M. 209-22	2605950 ✓				669471 ✓			756	BOUQUET CN. RD. & CULVERT #9.95
	669471 ✓								SEE F.B. 3734-63
	+1936479 ✓								

T = 78°

WEATHER CLEAR INST. NO 96716

TIME 10:35 TO 11:25 ROD NO 95896

NOTES CHKD DATE

JOB NO 0301.02

NOTES SIEMANN 9-24-69

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DEELER

INDEXED C.J. GALLI DATE

F.B. 2481 PG. 132

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-92°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 9-22-69 WEATHER Sunny & Mild
TIME 1:25 to 1:55 ROD NOTE Siemann
CHKD. G. LOALI DATE
NOTES CHKD. DATE
F.B. 2481 PG. 133

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											From BM 209-23 To BM 209-24
BM 209-23				98					298		BM 209-23
1	75 440	376	5	52	46	298 762	599	5	278	42	Bouquet Cyn. Rd. & Culvert
				40					266		10.42
2	29 048	330	5	18	22	252 642	553	5	238	28	See F.B. 3734-65
				116	68				208	70	
3	98 625	399	5	80	36	191 506	492	5	174	34	
				22	104				291	104	
4	6 981	307	5	6	32	275 600	576	5	259	32	
				51	136				226	136	
5	33 522	334	5	15	36	209 891	510	5	192	34	
				93	172				219	170	T-Siemann
6	75 337	376	5	57	36	201 567	502	5	183	36	
				91	208				235	206	
7	67 723	368	5	43	48	211 447	512	5	187	48	
					256					254	
										256	
										510	
	386 676					1641 415					
						386 676					
						1254 739					
BM 209-24											BM 209-24
											Bouquet Cyn. Rd., & Culvert
											10.73
											See F.B. 3734-67

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2481 Pg. 134 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVELNET

SURVEY BY DREIER NOTES G.E. DREIER 9-23-69

INDEXED C. J. GALLI DATE

WEATHER CLEAR-CALM 82° INST. NO. 26716

TIME 2:00 TO 2:25 ROD NO. 95896

NOTES CHKD. DATE

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM.209-24 TO BM.209-23
1	225884	5265	251 199 52	73460	3745	100 46 54	B.M.209-24 BOUQUET CN. RD. AT CULVERT ℄ 10.73 SEE F.B. 3734-67
2	239659	5405	262 216 46 98	69708	3705	91 47 44 98	
3	300808	6015	½ 300 278 44	14349	3155	½ 31 14 34	
4	285470	5865	298 273 25 142	116337	4175	134 98 36 132	T R. SIEMANN
5	230858	5315	251 209 42 167	18841	3195	36 0 36 168	
6	289612	5905	302 276 26 209	67039	3685	82 52 30 204	
7	176708	4775	185 167 18 235	134590	4355	144 124 20 234	
BM.209-23			253			254 253 507	B.M.209-23 BOUQUET CN. RD. AT CULVERT ℄ 10.42 SEE F.B. 3734-65
	1748999			494324			
	494324						
	+ 1254675						

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 9-22-69 WEATHER Sunny & Breezy
TIME 2:00 to 2:30 ROD NO. 25 INST. NO. 26716
INDEXED G. GALL DATE NOTES CHKD. DATE
T-8 9 F.B. 2481 Pg. 135

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM209-24 TO BM209-25
BM209-24									BM 209-24
1	7587	308	5	30 1/2 7 46	244	013	545	5 266 222 44	Bouquet Cyn. Rd. & Culvert
									10.73
2	11 972	312	5	42 11 1/2 62	276	708	577	5 306 246 60	see F.B. 3734-67
3	79848	380	5	112 46 108 66	250	049	557	5 286 214 104 72	
4	78351	379	5	109 47 174 62	285	202	586	5 285 255 1/2 176 60	
5	13318	314	5	38 1/2 13 1/2 236 30	299	185	600	5 299 1/2 278 1/2 236 42	T-Siemann
6	17761	318	5	39 1/2 17 1/2 286 49	277	502	578	5 303 251 278 52	
7	9 710	310	5	32 1/2 9 1/2 330 46	284	612	585	5 284 260 1/2 330 48	
8	119831	420	5	121 117 376 4	146	971	447	5 148 144 378 4	
				380				382	
								380	
	338378				2064242			2	
					338378				
					1725864				
BM209-25									BM209-25
									Bouquet Cyn. Rd. & Culvert
									11.00
									see F.B. 3734-69

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

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

Do not extend notes this side of this line.

F.B. 2481 PG. 136
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER 9-23-69
INDEXED C.J. GALL DATE
JOB NO. 0301.02

WEATHER CLEAR 47 BR INST. NO. 96716
TIME 1:30 TO 2:00 ROD NO. 25896
NOTES CHKD DATE
88

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM 209-25 TO 209-24
B.M. 209-25		59							B.M. 209-25
1	295	082	596 5	295 ½ 271 48	7	333	308 5	30 ½ 7 46	1100 BOUQUET CANYON RD AT CULVERT
									SEE F.B. 3734-69
2	284	317	585 5	284 ½ 259 50 98	23	001	324 5	48 -2 50 96	
3	301	102	602 5	301 ½ 282 38 136	24	937	325 5	44 4 40 136	
4	261	630	562 5	282 240 42 178	89	129	390 5	110 68 42 178	R. SIEMANN
5	234	500	535 5	268 200 68 246	52	495	353 5	88 16 72 250	
6	217	967	518 5	247 187 60 306	39	482	340 5	68 10 58 308	
7	270	181	571 5	294 246 48 354	64	391	365 5	87 41 46 354	
8	203	539	504 5	214 192 22 376	41	682	342 5	52 30 22 376	
B.M. 209-24								376	B.M. 209-24
	2068318				342450				52 BOUQUET CN. RD. & CULVERT #1073
	342450								SEE F.B. 3734-67
	+1725868								

76P526 CE # 308 3-65

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
[illegible]3 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 STROUD DATE 9-22-69
INDEXED C. LONG DATE
WEATHER CLEAR CHAINST. NO 96716
TIME 14:30 ROD NO 95496
NOTES CHKD [illegible] DATE [illegible]

F.B. 2481 PG. 137

+84

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM 209-25 TO BM 209-26
BM 209-25													BM 209-25
1.	127	431	428	5	150 / 104	46	299	973	600	5	1299 / 275	48	BOUQUET CYN. RD & CULVERT # 11:00
2.	26	702	327	5	49 / 3	46 / 92	203	841	504	5	226 / 180	46 / 94	SEE F.B 3734-69
3.	150	668	451	5	177 / 123	54 / 146	197	398	498	5	224 / 170	54 / 148	
4.	65	743	366	5	92 / 38	54 / 200	262	900	563	5	288 / 236	52 / 200	π MALDONADO
5.	50	461	351	5	68 / 32	36 / 236	233	761	534	5	252 / 214	38 / 238	
6.	14	728	315	5	1/2 35 / 14	42 / 278	162	561	463	5	183 / 141	42 / 280	
7.	43	953	344	5	62 / 24	38 / 316	299	219	600	5	1299 / 280	38 / 318	
8.	86	453	387	5	94 / 78	16 / 332	159	139	460	5	166 / 152	14 / 332	
BM 209-26												332 / 664	BM 209-26
	566	139					1818	792					BOUQUET CYN RD & CULVERT # 11.59
							566	139					SEE F.B. 37-34-71
							1252	653					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 209-26 TO B.M. 209-25
B.M. 209-26									B.M. 209-26
1	262	193	563 5	280 / 244 36	10	778	311 5	28 / ½ 10 36	BOUQUET CN RD AT CULVERT # 11.59 SEE F.B. 3734-71
2	215	403	516 5	242 / 188 54	45	919	346 5	72 / 18 54	
3	265	420	566 5	284 90 / 246 38	45	843	346 5	63 90 / 27 36	
4	298	921	599 5	298 128 / ½ 260 76	46	677	347	84 126 / 8 76	⊼ J. MALDONADO
5	164	258	465 5	200 204 / 128 72	17	258	318 5	56 202 / ½ 17 78	
6	260	720	561 5	284 276 / 236 48	47	787	348 5	74 280 / 20 54	
				324				334 ✓	
B.M. 209-25								324	B.M. 209-25
	1466	915 ✓			214	262 ✓		658	BOUQUET CN. RD. AT CULVERT 11.00 SEE F.B. 3734-69
	214	262 ✓							
	1252	653 ✓							

F.B. 2481 PG. 138

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES G.E. DREIER 9-23-69

INDEXED C. J. GALLI DATE

WEATHER CLEAR - CALM 86° INST. NO. 96716

TIME 11:20 ROD NO. 95896

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado
DATE 9-23-69
WEATHER Sunny & Calm
TIME 9:10 to 9:50
INST. NO. 26714
ROD NO. 75876
INDEXED G. LOMELI DATE
NOTES CHKD DATE
T-74°
F.B. 2481 Pg. 139

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM209-26 to BM209-27
BM209-26					74						245		BM 209-26
1	60	643	361	5	46	28	231	190	532	5	216	29	Bouquet Cyn. Rd. & Culvert
					92						263		# 11.59
2	77	551	378	5	62	30	248	005	549	5	233	30	See F.B. 3734-71
					181	58					260	59	
3	156	560	457	5	131	50	235	650	536	5	210	50	
					38	108					289	109	
4	21	253	322	5	3	35	272	411	573	5	254	35	
					80	143					263	144	
5	62	518	363	5	43	37	244	912	545	5	225	38	T-Dreier
					78	180					296	182	
6	55	945	356	5	31	47	296	883	597	5	275 ½	42	
					33	227					301	224	
7	21	378	322	5	9	24	288	289	589	5	275	26	
						251						250 ✓	
												251 ✓	
	455	848 ✓					1817	340 ✓				501 ✓	
							455	848 ✓					
							1361	492 ✓					
BM209-27													BM 209-27
													Bouquet Cyn. Rd. & Culvert
													# 11.90
													See F.B. 3734-73

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	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 209-27 TO BM 209-26
BM 209-27									BM 209-27
1	290	025	591 5	302 277 25	36	943	337 5	49 23 26	Bouquet Cyn. Rd. & Culvert # 11.90
2	294	433	595 5	294 277 ½ 34	69	878	370 5	87 50 37	See F.B. 3734-73
3	247	870	548 5	265 229 59 36	37	568	338 5	55 19 63 36	
4	287	966	588 5	287 266 ½ 95 42	98	584	399 5	119 77 99 42	
5	234	084	535 5	253 215 137 38	110	161	411 5	130 90 141 40	
6	256	486	557 5	272 240 175 32	32	762	333 5	47 17 181 30	π-Dreier
7	222	698	523 5	234 210 207 24	149	603	450 5	159 138 211 21	
8	130	170	431 5	145 115 231 30	66	675	367 5	80 52 232 28	
				261 ✓				260 ✓	
								261 ✓	
	1963	732 ✓			602	174 ✓		521	
	602	174 ✓							
	+1361	558 ✓							
BM 209-26									BM 209-26 Bouquet Cyn. Rd. & Culvert # 11.59 See F.B. 3734-71

T-86°

WEATHER Sunny & Calm INST. NO. 96716

TIME 10:50 to 11:15 ROD NO. 17134 & B 95896

NOTES CHKD [illegible] DATE

JOB NO. 0301.02

SURVEY OF

SURVEY BY Dreier NOTES Maldonado 9-23-69

INDEXED C. J. GALLI DATE

F.B. 2481 PG. 140

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

503 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 9-23-69

INDEXED C. J. GALLI DATE

WEATHER Sunny & Calm INST. NO. 96716

TIME 9:55 to 10:20 ROD NO. 95896

NOTES CHKD. DATE

F.B. 2481 Pg. 141

T - 80°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM209-27 TO BM 209-28
BM209-27									BM 209-27
1	17	665	318 5	47 1/2 17 80	293	330	594 5	293 1/2 262 62	Bouquet Cyn. Rd. & Culvert # 11.90
2	39	437	340 5	59 18 41	288	380	589 5	288 1/2 267 42	See F.B. 3734-73
3	81	732	382 5	105 57 101 48	252	281	553 5	276 228 104 48	
4	119	490	420 5	147 91 149 56	276	035	577 5	302 250 152 52	
5	8	211	309 5	33 1/2 8 205 50	294	630	595 5	294 1/2 270 204 48	X-Dreier
6	112	859	413 5	133 91 255 42	291 ~~292~~	147	592 5	291 1/2 268 252 46	
7	44	341	345 5	52 36 297 16	198	885	499 5	205 190 298 15	
				313 ✓				313 ✓	
8								313 ✓	
	423	735 ✓			1894	688 ✓		626 ✓	
					423	735 ✓			
					-1470	953 ✓			
BM 209-28									BM 209-28 Bouquet Cyn. Rd. & Culvert # 12.15 See F.B. 3734-75

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. 2481 PG. 142 JOB NO. 0301.02
SURVEY OF Dreier NOTES Maldonado 9-23-69 DATE
SURVEY BY C. J. GALLI DATE
INDEXED
WEATHER Sunny & Breezy INST. NO. 96716
TIME 10:25 to 10:45 ROD NO. 73348 95896
NOTES CHKD DATE
T - 84°

STATION	BACKSIGHT Right Mic.	Left	Stadia	FORESIGHT Right Mic.	Left	Stadia	DESCRIPTION AND REMARKS
							From BM 209-28 to BM 209-27
BM 209-28			275			16½	BM 209-28
1	262.815	563 5	249 26	3 751	304 5	3 2 26	Bouquet Cyn Rd. & Culvert #12.15
2	203.888	504 5	228 178 50	33 686	334 5	58 8 50	See F.B. 3734-75
3	295 780	596 5	295, 76 270 250	9 821	310 5	33, 76 9 ½ 52 48	
4	202.082	503 5	230 126 174 56	59 ~~60~~ 620	360 5	87 124 30 57	
5	244.094	545 5	269 182 218 51	5 942	306 5	31, 181 5 ½ 52	
6	298.329	599 5	298, 233 271½ 54	46 571	347 5	73 233 19 54	
7	203.055	504 5	215 287 190 25 312 ✓	79 746	380 5	91 287 66 25 312 ✓	X - Dreier
	1710.043 ✓			239 137 ✓		312 ✓ 624 ✓	
	239 137 ✓						
	+ 1470.906 ✓						
BM 209-27							BM 209-27 Bouquet Cyn. Rd. & Culvert #11.90 See F.B. 3734-73

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 209-28 TO 209-29
B.M. 209-28									B.M. 209-28
1	75	535	376 5	93 57 36	272	880	573 5	291 253 38	BOUQUET CN. RD. AT CULVERT # 12.15
									SEE F.B. 3734-75
2	24	543	325 5	40 8 32	224	919	525 5	240 208 32	
				68				70	
3	64	461	365 5	86 42 44	299	784	600 5	299 276 46	
				112				116	
4	20	710	321 5	43 -2 45	265	273	566 5	283 246 37	⊼ J. MALDONADO
				157				153	
5	15	562	316 5	28 2 26	282	098	583 5	296 268 28	
				183				181	
6	37	822	338 5	56 18 38	204	909	505 5	223 185 38	
				221				219	
7	41	812	342 5	79 3 76	286	231	587 5	286 252 68	
				297				287	
8	30	632	331 5	38 22 16	220	317	521 5	234 206 28	
				313				315	
9	14	232	315 5	33 14 38	269	623	570 5	287 251 36	
				351				351	
10	32	460	333 5	50 14 36	267 ~~268~~	974 ~~267~~	568 5	284 250 34	
				387				385	
11	37	599	338 5	52 22 30	298	413	599 5	298 284 28	
				417				413	
12	99	402	400 5	103 95 8	166	965	467 5	172 160 12	B.M. 209-29
				425				425	BOUQUET CN. RD. & CULVERT # 12.81.
B.M. 209-29								425	SEE F.B. 3734.77
	494	770 ✓			3059	386 ✓		850	
					494	770 ✓			
					2564	616 ✓			

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 11-3-69

INDEXED C. J. GALLI DATE

WEATHER BREEZY TIME 9:30 TO 10:30

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95 & 96

F.B. 2481 PG. 143

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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 209-29 TO 209-28
B.M. 209-29									B.M. 209-29
1	255	711	556 5	267 243 24	128	438	429 5	140 116 24	BOUQUET CN. RD. AT CULVERT 12.81 SEE F.B. 3734-77
2	296	956	597 5	1/2 296 282 28	6	362	307 5	120 1/2 6 28	
3	256	930	557	268 244 52 24	47	447	348 5	60 34 52 26	
4	257	509	558 5	275 239 76 36	54	026	355 5	72 36 78 36	⊼ J. MALDONADO
5	264	229	565 5	282 246 112 36	41	462	342 5	59 23 114 36	
6	248	321	549 5	270 226 148 44	70	629	371 5	90 50 150 40	
7	243	687	544 5	264 222 192 42	97	459	398 5	119 75 190 44	
8	220	005	521 5	234 206 234 28	8	031	309 5	22 1/2 8 234 28	
9	260	417	561 5	272 248 262 24	76	701	377 5	87 65 262 22	
10	252	037	553 5	271 233 286 38	8	278	309 5	27 1/2 8 284 38	
11	270	169	571 5	288 252 324 36	88	652	389 5	106 70 322 36	
12	181	592	482	200 162 360 38	12	202	313 5	28 1/2 12 358 32	
13	277	237	578	294 260 398 34	80	511	381 5	100 60 390 40	
				432				430	B.M. 209-28
	3284	800	✓		720	198		432	BOUQUET CN. RD. AT CULVERT 12.15
B.M. 209-28	720	198	✓					862	SEE F.B. 3734-75
	+2564	602	✓						

F.B. 2481 PG. 144

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 10-31-69

INDEXED C. J. GALLI DATE

WEATHER CLEAR-WIND INST. NO. 96716

TIME 2:15 TO 80° ROD NO. 95896

NOTES CHKD [illegible] DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 82°
SURVEY BY G.E. DREIER
NOTES BY SIEMANN
INDEXED C. J. GALLI
DATE 11-3-69
DATE
WEATHER BREEZY
TIME 10:35
NOTES CHKD
INST. NO. 26716
ROD NO. 75 #96
DATE
F.B. 2481 PG. 145

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM 209-29 TO 209-30
B.M. 209-29							B.M. 209-29
1	38 989	339 5	54 22 32	298 529	599 5	298 283 30	BOUQUET CN. RD. AT CULVERT 12.81
							SEE F.B. 3734-77
2	13 472	314 5	26 0 26	295 331	596 5	308 282 26	
			58			56	
3	32 931	333 5	46 18 28	299 921	600 5	299 284 30	
			86			86	
4	14 928	315 5	28 8 28	251 126	552 5	264 238 26	T = MALDONADO
			114			112	
5	46 256	347 5	62 30 32	180 162	481 5	194 166 28	
			146			140	
						146	
	147 076			325 069		286	
B.M. 209-30				147 076			B.M. 209-30
				- 177 993			BOUQUET CN RD AT CULVERT 13.06
							SEE F.B. 3734-79
		RERUN	11-14-69	2:00 TO 2:20			T = 70°
B.M. 209-29							
1	42 462	343 5	58 26 32	297 614	598 5	297 281 32	
2	12 566	313 5	25 -1 26	295 942	596 5	308 282 26	RERUN 11-14-69 T=70°
3	16 734	317 5	31 1 58 32	300 381	601 5	300 284 32	
			88			90	T = MALDONADO
4	26 159	327 5	39 13 26	247 300	548 5	259 235 24	
5	46 303	347	60 32 28	180 812	481	195 165 30	- 1322.049
		5	142		5	144	+ 144.224
B.M. 209-30						142	- 1177.825
	144 224			322 049		286	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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-WIND INST. NO. 96716
TIME 2:00 TO 2:15 ROD NO. 95896
NOTES CHKD. DATE

F.B. 2481 PG. 146 JOB NO. 0301.02
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 10-31-69
INDEXED C.J. GALLI DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 209-30 TO 209-29
B.M. 209-30									B.M. 209-30
1	218	097	519 5	237 / 199 28	6	794	307 5	24 / 26 36	BOUQUET CN. RD AT CULVERT 13.06
									SEE F.B. 3734-79
2	299	929	600 5	299 / ½ 286 26	6	227	307 5	121 / 2 6 30	
				64					
3	260	438	561 5	273 / 249 26	70	031	371 5	83 66 / 57 26	
				90					
4	282	085	583 5	298 / 266 32	14	082	315 5	30 92 / -2 32	↑ J. MALDONADO
				122				124	
5	289	211	590 5	299 / 279 20	74	859	375 5	83 / 65 18	
				142				142	
B.M. 209-29								142	B.M. 209-29
	1349	760	✓		171	993	✓	284	BOUQUET CN. RD. AT CULVERT 12.81
X	171	993	✓						SEE F.B. 3734-77
	+ 1177	767	✓						T = 88°
			RERUN		11-13-69		2:35 TO		
B.M. 209-30									
1	229	520	530 5	249 / 209 40	14	902	315 5	134 / 14 40	
2	287	721	588 5	298 / 276 22	18	630	319 5	30 / 6 24	+ 1320.514 ✓
				62				64	- 142.636 ✓
3	298	512	599 5	298 / 280 36	22	787	323 5	40 / 4 36	+ 1177.878 ✓
				98				100	
4	276	152	577 5	291 / 261 30	11	402	312 5	26 / 11 30	
				128				130	
5	228	609	529 5	235 / 221 14	74	915	375 5	79 / 69 10	
				142				140	
								142	
B.M. 209-29	1320	514	✓		142	636	✓	282	

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY Maldonado DATE 11-3-69

INDEXED C. J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 96716

TIME 11:00 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE

F.B. 2481 PG. 147

T-81°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 209-30 TO 209-31
B.M. 209-30									B.M. 209-30
1	27	747	328 5	45 7 38	214	750	515 5	231 197 34	BOUQUET CN. RD. AT CULVERT # 13.06
									SEE F.B. 3734-79
2	68	937	369 5	91 45 46	241	742	542 5	266 216 50	
3	43	180	344 5	71 15 84 56	298	800	599 5	298½ 272½ 84 56 ~~64~~	
4	45	520	346 5	78 12 140 66	299	408	600 5	299½ 270½ ~~148~~ 140 58	
5	150	953	451 5	173 127 206 46	300	318	601 5	300 279½ 198 42	X-Stroud
6	6	104	307 5	17 6½ 252 22	253	988	554 5	267 239 240 28	
7	56	770	357 5	72 40 274 32	266	999	567 5	286 246 268 40	
8	33	347	334 5	58 8 306 50	256	343	557 5	279 233 308 46	
9	133	770	434 5	140 126 356 14	185	079	486 5	193 177 354 16	
				370				370	
								370	
	566	328			2317	427		740	
					566	328			
					1751	099			
BM 209-31									BM 209-31
									Bouquet Cyn. Rd. & 1.2 mi. SW'ly from Bouquet Camping Grounds
									See F.B. 3734-81

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2481 Pg. 148 JOB NO. 0301.02

SURVEY OF LA. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 11-13-69

INDEXED C. J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 96776

TIME 1:15 to 1:45 ROD NO. 95896

NOTES CHKD DATE

T - 80°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 209-31 TO 209-30
BM.209-31				269				60	BM.209-31
1	244	983	545 5	219 50	35	528	336 5	10 50	BOUQUET CN.RD. & 1.2 mi. sw'ly. from Bouquet Camping Grounds.
2	288	408	589 5	288 264½ 48	9	002	310 5	32 9½ 46	SEE F.B. 3734-81
3	293	820	594 5	293 98 275½ 36	74	206	375 5	92 96 56 36	
4	297	943	598 5	304 134 290 14	100	296	401 5	107 132 93 14	
5	167	043	468 5	300 198 134 66	16	012	317 5	48 146 16½ 64	
6	278	998	579 5	278 214 249½ 58	23	661	324 5	52 210 23½ 58	T-Stroud
7	261	345	562 5	291 272 231 60	20	618	321 5	50 268 20½ 60	
8	229	132	530 5	243 332 215 28	31	274	332 5	47 328 15 32	
				360				360	
								360	
	2061	672			310	597		720	
	310	597							
	+1751	.075							
									BM 209-30
									Bouquet Cyn. Rd., & Culvert # 13.06
BM 209-30									see F.B. 3734-79

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From BM209-31 To BM209-32
BM209-31				78 18				260	BM209-31
1	69 380	370	5	60 ~~28~~	252 988	553	5	244 16	Bouquet Cyn. Rd., & 1.2 mi. SW'ly
				36				300	from Bouquet Camping Grounds
2	22 155	323	5	8 28	285 152	586	5	270 30	See F.B. 3734-81
				84 46				213 46	
3	66 087	367	5	48 36	196 433	497	5	179 34	
				32 82				292 80	
4	10 691	311	5	10 ½ 44	292 785	593	5	273½ 42	
				33 126				297 122	
5	12 114	313	5	12 ½ 42	297 460	598	5	276½ 42	T-Stroud
				79 168				297 164	
6	61 330	362	5	43 36	280 625	581	5	263 34	
				29 204				274 198	
7	20 551	321	5	11 18	264 508	565	5	254 20	
				52 222				188 218	
8	43 568	344	5	34 18	177 965	478	5	166 22	
				240 ✓				240 ✓	
								240 ✓	
								480 ✓	
	305 876 ✓				2047 916 ✓				
					305 876 ✓				
					1742 040 ✓				
									BM209-32
									Bouquet Cyn. Rd., & Culvert 13.74
BM209-32									See F.B. 3734-83

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 11-3-69 WEATHER Sunny & Breezy INST. NO. 96716

TIME 1:00 to 1:40 ROD NO. 95296

INDEXED G. J. GALLI DATE NOTES CHKD DATE

T-82°

F.B. 2481 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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 209-32 TO 209-31
B.M. 209-32									B.M. 209-32
1	176 ~~176~~	678	477 5	188 164 24	32	295	333 5	43 21 22	BOUQUET CN. RD. AT CULVERT #13, 74
									SEE F.B. 3734-83
2	275	765	576 5	287 263 24	8	520	309 5	18 8 ½ 20	
3	292	171	593 5	301 48 283 18	12	395	313 5	24 42 0 24	
4	202	630	503 5	226 66 178 48	21	595	322 5	45 66 21 ½ 48	
5	301	899	602 5	301 114 280 ½ 42	12	917	313 5	33 114 12 ½ 42	
6	226	487	527 5	251 156 201 50	6	808	307 5	29 ½ 156 6 ½ 46	π - Stroud
7	273	110	574 5	290 206 256 34	50	973	351 5	69 202 33 36	
8	181	007	482 5	190 240 172 18	42	247	343 5	52 238 32 20	
				258				258	
								258	
	1929	747			187	750		516	
	187	750							
	+ 1741	997							
BM 209-31									BM 209-31 Bouquet Cyn. Rd. & 1.2 mi. sw'ly, from Bouquet Camping Grounds. See F.B. 3734-81

F.B. 2481 PG. 150 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 11-13-69

INDEXED C. J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 96716

TIME 11:20 ROD NO. 95896

NOTES CHKD [illegible] DATE

T-78°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	63 64			66 53			FROM BM 209-32 TO BM 209-33
BM 209-32							BM 209-32 BOUQUET CYN
1.	15 471	316 5	24 6 18	249 328	550 5	258 240 18	RD & CULVERT 13.74
							SEE FB 3734-83
2.	64 478	365 5	86 42 44	234 289	535 5	256 212 44	
3.	8 810	309 5	1/2 22 8 62 28	297 843	578 5	1/2 297 284 62 26	TT J. MALDONADO
4.	15 507	316 5	28 2 90 26	247 441	548 5	262 232 88 30	
5.	17 341	318 5	31 3 116 28	266 980	567 5	280 252 118 28	
6.	19 237	320 5	1/2 50 19 144 62	278 667	579 5	308 248 146 60	
7.	31 071	332 5	55 7 206 48	223 370	524 5	246 200 206 46	
8.	51 279	352 5	81 21 254 60	298 900	599 5	1/2 298 271 252 54	
9.	16 983	317 5	31 1 314 30	282 882	583 5	300 264 306 36	
10.	17 678	318 5	1/2 41 17 344 48	224 020	525 5	247 201 342 46	
11	28 573	329 5	42 14 392 28	282 709	583 5	297 267 388 30	
			420			418	BM 209-33 BOUQUET CYN
BM 209-33						420	RD & CULVERT #14.23
	286428			2886409		838	SEE F.B. 3734-85
				286428			
				2599981			

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

SURVEY BY G.E. DREIER

NOTES BY STROUD DATE 11-3-69

INDEXED C.J. GALLI DATE

WEATHER CLEAR CALM

TIME 13:35

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95496

T-81

F.B. 2481 PG. 151

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2481 PG. 152 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES STROUD 11-13-68

INDEXED C. J. GALLI DATE

T-20

WEATHER CLEAR & CALM INST. NO. 96716

TIME 1:20 ROD NO. 25896

NOTES CHKD DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS From 209-33 To 209-32
B.M. 209-33									B.M. 209-33
1	285	391	386 5	300 / 270 30	35	055	330 5	50 / 20 30	BOUQUET CN. RD. & CULVERT 14.23
									SEE F.B. 3734-85
2	219	111	520 5	239 / 199 40	78	753	379 5	98 / 58 40	
3	287	030	588 5	302 / 272 30	29	493	330 5	45 / 13 32	
4	296	169	597 5	1296 / 2279 34	39	382	346 5	55 / 23 32	
									T. J. MALDONADO
5	215	501	516 5	244 / 186 58	67	371	368 5	96 / 38 58	
6	272	670	573 5	301 / 243 58	45	091	346 5	74 / 16 58	
7	298	729	5 699 5	298 / 2284 28	10	943	311 5	25 / 210 30	
8	298	826	585 5	300 / 268 32	55	671	356 5	72 / 38 34	
10	154	801	455 5	170 / 138 32	7	459	308 5	19 / 27 24	
11	257	083	538 5	265 / 249 16	28	267	329 5	40 / 16 24	
12	267	244	568 5	284 / 250 34	137	884	437 5	181 / 121 30	
13	222	041	523 5	234 / 210 24	8	859	309 5	22 / 8 28	
14	140	694	441 5	147 / 133 14	58	551	359 5	63 / 53 10	
				416 / 430				420 / 430	
B.M. 209-32									B.M. 209-32 13.74
	3201289 ✓				601779 ✓			430 / 430 / 860	BOUQUET CN. RD. AT CULVERT
	601779 ✓								SEE F.B. 3734-83
	+ 2599510 ✓								

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

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

NOTES BY STROUD DATE 11-14-69 TIME 10:55 ROD NO. 95 & 96

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE [illegible]

F.B. 2481 PG. 153

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 209-32 TO 209-33
B.M. 209-32									B.M. 209-32
1	21	466	322 5	32 10 22	255	586	556 5	266 244 22	BOUQUET CN. RD. AT CULVERT 13.74
									SEE F.B. 3~~4~~7 34-83
2	83	342	384 5	102 64 38	235	859	536 5	255 215 40	
				60				62	
3	10	266	311 5	1/2 23 10 26	284	669	585 5	295 273 22	RERUN
				86				84	
4	36	820	337 5	45 27 18	238	667	539 5	246 330 16	T J. MALDONADO
				104				100	
5	27	501	328 5	45 9 36	203	127	504 5	224 182 42	
				140				142	
6	13	420	314 5	26 0 26	226	907	527 5	239 213 26	
				166				168	
7	60	885	361 5	78 42 36	2 322	731	523 5	240 204 36	
				202				204	
8	50	157	351 5	71 29 42	229	322	530 5	250 208 42	
				244				246	
9	94	669	395 5	120 68 52	245	473	546 5	270 220 50	
				296				296	
10	24	581	325 5	38 10 28	253	144	554 5	267 239 28	
				324				324	
11	46	730	342 5	55 27 28	273	921	574 5	286 260 26	
				352				350	
12	66	492	367 5	89 43 46	246	156	547 5	268 224 44	
				398				394	
13	49	946	350 5	60 38 22	265	686	566 5	278 252 26	B.M. 209-33
				420				420	BOUQUET CN. RD. & CULVERT # 14.23
	581	275			3181	248		420	SEE F.B. 3~~7~~ 34-85
					581	275		840	
					2599	973			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 209-33 TO BM 209-32
BM 209-33									BM 209-33
1.	287	302	588 5	302 272 30	34	481	335 5	48 20 28	BOUQUET CYN. RD.
									AT CULVERT # 14.23
2.	222	008	523 5	242 202 40 70	82	698	383 5	102 62 40 68	SEE F.B. 3734-85
3.	282	763	583 5	297 267 30	37	356	338 5	52 22 30	
4.	291	861	592 5	1/2 291 271 100 40	21	728	322 5	42 0 98 42	
5.	196	562	4 597 5	228 164 140 64	38	394	339 5	69 7 140 62	T J. MALDONADO
6.	271	579	572 5	292 250 204 42	49	678	350 5	71 27 202 44	RERUN
7.	289	521	590 5	1/2 289 264 246 50	3 83	838	334 5	57 9 246 48	
8.	267	179	569 5	280 254 296 26	62	862	363 5	75 49 294 26	
9.	257	233	558 5	268 246 322 22	13	690	314 5	24 2 320 22	
10.	289	551	570 5	302 276 344 26	25	971	326 5	39 11 342 28	
11.	201	359	502 5	222 180 370 42	29	656	330 5	49 9 370 40	
12.	206	757	507 5	212 200 412 12 424	33	397	334 5	40 26 410 14 424	
								424	B.M. 209-32
	3063	675			463	749		848	BOUQUET CN. RD & CULVERT 13.74
	463	749							SEE F.B. 3734-83
B.M. 209-32	2599	926							

F.B. 2481 PG. 154

SURVEY OF G.F. DREIER L.A.CO. PRECISE LEVELNET

SURVEY BY DREIER NOTES STROUD 11-14-69

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER T. CLEAR

TIME 13:10

NOTES CHKD [illegible]

INST. NO. 96716

ROD NO. 95476

DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY STROUD
NOTES BY GLEDHILL
DATE 11-3-69
WEATHER CLEAR
TIME 14:45
INSTR. NO. 86716
ROD NO. 85896
INDEXED G. J. GALLI
DATE
NOTES CHKD
DATE
T 82
F.B. 2481 PG. 155

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 209-33 TO BM 209-34
BM 209-33									BM 209-33
1.	53	859	354	5	295	801	596	5	BOUQUET CYN. RD & CULVERT #14.23
2.	142	103	443	5	289	055	590	5	SEE F.B. 3734 - 85
3.	6	450	307	5	293	254	596	594	5 T J. MALDONADO
4.	105	490	406	5	162	853	463	5	
5.	17	637	318	5	231	290	532	5	
6.	19	961	320	5	254	900	555	5	
7.	21	282	322	5	264	532	565	5	
8.	14	840	315	5	291	132	392	5	
9.	38	120	339	5	176	264	477	5	+ 1075.213
10.	19	202	320	5	274	550	575	5	- 3279.598
11.	27	746	328	5	256	080	557	5	- 2204.385
12	73	078	374	5	179	258	480	5	
13	225	729	526	5	90	313	391	5	
14	159	926	460	5	143	179	444	5	B.M. 209-34
15	149	790	450	5	76	795	377	5	BOUQUET CN. RD. 0.5 MI. N. OF TEXAS CN. RANGER STATION
B.M. 209-34	1075	213	✓		32.79	598	✓		SEE F.B. 3734 - 87

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	44	34			45	53			FROM 209-~~33~~ 34 TO 209-33
B.M. 209-34									B.M. 209-34
1	158	460	459 5	181 135 46	4	455	305 5	126 24 44	BOUQUET CN. RD. 0.5 MI. N. OF
									TEXAS CN. RANGER STATION
2	2~~18~~82	838	583 5	290 274 16	55	247	356 5	64 46 18	SEE F.B. 3734-87
				62				62	
3	165	049	466 5	188 142 46	48	072	349 5	71 25 46	
				108				108	
4	295	156	596 5	1/2 295 275 40	21	250	322 5	42 21 40	T J. MALDONADO
				148				148	
5	251	471	552 5	272 230 42	37	678	338 5	57 17 40	
				190				188	
6	262	180	563 5	281 243 38	64	610	365 5	84 44 40	
				228				228	
X 7	272	838	5~~76~~3 5	283 261 22	32	690	333 5	42 22 20	
				250				248	
8	221	061	522 5	240 202 38	93	559	394 5	113 73 40	
				288				288	
9	2~~9~~98	530	599 5	1/2 298 282 32	7	700	308 5	1/2 ~~22~~ 9 30	
				320				318	
10	267	756	568 5	286 248 38	126	663	427 5	148 104 44	
				358				362	
11	272	628	573 5	294 250 44	51	613	352 5	72 30 42	
				402				404	
								402	
								806	
BM 209-33	2749	967 ✓			543	537 ✓			
	543	537 ✓							
	T 2204	430 ✓							
									B.M. 209-33
									BOUQUET CN. RD. AT CULVERT 14.23
									SEE F.B. 3734-85
B.M. 209-33									

F.B. 2481 PG. 156

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

SURVEY BY DREIER NOTES STRAUD 11-13-69

INDEXED C. J. GALLI DATE

WEATHER CLEAR & CALM INST. NO. 96716

TIME 09:30 ROD NO. 95896

NOTES CHKD [signature] DATE

T-66

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 209-34 TO 209-35
B.M. 209-34									B.M. 209-34
1	76	450	377 5	78 / 74 4	149	450	450 5	151 / 147 4	BOUQUET CN RD., 0.5 MI. NLy
									FROM TEXAS CN, RANGER STATION
2	17	330	318 5	1/2 39 / 17 44 / 48	183	738	484 5	206 / 160 46 / 50	SEE F.B. 3734-87
3	70	245	371 5	92 / 48 44 / 92	143	595	444 5	164 / 122 42 / 92	
4	8	762	309 5	1/2 24 / 8 32 / 124	301	242	602 5	1/2 301 / 288 26 / 118	⊼ J. STROUD
5	30	416	331 5	38 / 22 16 / 140	289	624	590 5	299 / 279 20 / 138	
6	58	683	359 5	74 / 42 32 / 172	255	942	556 5	272 / 238 34 / 172	
7	62	308	363 5	88 / 36 52 / 224	231	361	532 5	256 / 206 50 / 222	
8	81	010	382 5	117 / 45 72 / 296	298	742	599 5	1/2 298 / 264 68 / 290	
9	50	560	351 5	75 / 25 50 / 346	276	020	577 5	304 / 249 55 / 345	
10	105	319	406 5	108 / 102 6 / 352	199	541	500 5	202 / 196 6 / 351 ✓	
B.M. 209-35								352 ✓	B.M. 209-35
	561	083 ✓			2329	255 ✓		703	BOUQUET CN. RD. OPPOSITE TEXAS
					561	083 ✓			CN RANGER STATION
					1768	172 ✓			SEE F.B. 3734-89

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

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

NOTES BY G.E. DREIER DATE

INDEXED C. J. GALLI DATE

WEATHER CLEAR-BREEZE INST. NO 96716

TIME 10:15 TO 11:10 ROD NO 95896

NOTES CHKD [signature] DATE

80°

F.B. 2481 PG. 157

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From 209-35 To 209-34
B.M. 209-35				285				111	B.M. 209-35
1	275	955	576 5	265 20	100	533	401 5	89 22	BOUQUET CN. RD. OPPOSITE TEXAS
				272				54	CN. RANGER STATION
2	245	128	546 5	218 54	27	272	328 5	0 54	SEE F.B. 3734-89
				289 74				149 76	
3	289	727	590 5	258 62	119	550	420 5	89 60	
				282 136				37 136	
4	282	058	583 5	253 58	9	121	310 5	9 56	
				240 194				26 192	
5	226	675	527 5	212 28	10	840	311 5	10 32	
				293 222				50 224	
6	285	735	586 5	277 16	42	768	343 5	34 16	π-Stroud
				297 238				118 240	
7	285	992	586 5	273 24	106	882	407 5	94 24	
				180 262				37 264	
8	150	625	451 5	120 60	7	941	308 5	7 60	
				212 322				142 324	
9	201	147	502 5	190 22	132	933	433 5	122 20	
				151 344				68 344	
10	149	357	450 5	147 4	66	528	367 5	64 4	
				348				348	
								348	
	2392	399			624	368		696	
	624	368							
B.M. 209-34	+1768	031							B.M. 209-34
									BOUQUET CN. RD. 0.5 MI. NLY
									FROM TEXAS CN. RANGER STATION
									SEE F.B. 3734-87

WEATHER Sunny & Breez INST. NO. 96716

TIME 2:00 to 3:00 ROD NO. 35896

NOTES CHKD. DATE

T-76°

F.B. 2481 Pg. 158 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY Drake NOTES Maldonado 11-12-69

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 11-4-69

INDEXED C. J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 96716

TIME 11:10 to 11:55 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE

T-84°

F.B. 2481 PG. 159

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS
BM 209-35											FROM BM 209-35 TO BM 209-36
1	94	262	395 5	109 79	30	250	792	551 5	266 234	32	BM 209-35 Bouquet Cyn. Rd., & Culvert #15.11
2	6	~~450~~ 480	307 5	26 6	½ 40	254	628	555 5	276 232	44	See F.B. 3734-89
3	146	625	447 5	169 123	70 46	223	810	524 5	246 200	76 46	
4	24	222	325 5	36 12	116 24	280	305	581 5	296 264	122 32	
5	59	015	360 5	77 41	140 36	219	668	520 5	236 202	154 34	K-Stroud
6	77	922	378 5	103 51	176 52	298	055	599 5	298 277	188 ½ 42	
7	26	922	327 5	46 6	228 40	267	041	568 5	287 247	230 40	
8	114	128	415 5	121 107	268 14	162	972	463 5	168 156	270 12	
					282					282	
										282	
	549	576				1957	271			564	
						549	576				
						1407	695				
BM 209-36											BM 209-36 Bouquet Cyn. Rd., & 0.35 mi. S'ly. from Texas Cyn. Guard Sta. see F.B. 3734-91

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2481 PG. 160 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 11-12-69

INDEXED C. J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 96716

TIME 1:05 To 2:00 ROD NO. 95876

NOTES CHKD DATE

T-78°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM 209-36 TO 209-35
B.M. 209-36				281				42	B.M. 209-36
1	257	680	558 5	233 48	19	072	320 5	19½ 46	BOUQUET CANYON RD. AT TEXAS CN,
				299				53	SEE F.B. 3734-91
2	279	817	580 5	259 40	32	000	333 5	11 42	
				307 88				48 88	
3	275	100	576 5	243 64	16	587	317 5	16½ 64	
				271 152				108 152	
4	256	638	557 5	241 30	93	870	394 5	78 30	π-Stroud
				254 182				63 182	
5	235	870	536 5	216 38	44	659	345 5	23 40	
				297 220				142 222	
6	297	623	598 5	279 44	120	679	421 5	98 44	
				179 264				48 266	
7	175	948	476 5	171 8	44	263	345 5	40 8	
				272				274	
								272	
	1778	676			371	130		546	
	371	130							
	1407	546							
BM 209-35									BM 209-35 Bouquet Cyn. Rd. & Culvert #15,11 See F.B. 3734-89

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 11-04-69 TIME 2:00 TO 2:40 WEATHER WINDY T = 80°
INDEXED C. LGALLI DATE NOTES CHKD DATE
F.B. 2481 PG. 161 INST. NO. 96716 ROD NO. 95596

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM209-36 TO BM20-37
B.M.209-36							BM 209-36
1	124 794	425 5	130 118 12	189 522	490 5	195 183 12	Bouquet Cyn. Rd. AT TEXAS CN. & 0.35 mi. S/y. from Texas Guard Station
2	105 520	406 5	132 78 54 66	236 167	537 5	262 210 52 64	See F.B. 3734-91
3	28 453	329 5	64 28 72 138	250 899	551 5	285 215 70 134	
4	62 888	363 5	89 35 54 172	295 309	596 5	295 268 54 188	T = MALDONADO
5	17 273	318 5	48 17 62 254	226 491	527 5	257 195 62 250	
6	72 012	373 5	110 34 76 330	256 603	557 5	293 219 74 324	
7	149 277	450 5	162 136 26 356	76 743	377 5	86 66 20 344	
B.M.209-37						356	B.M. 209-37
	560217			531734		700	BOUQUET CN. RD. & CULVERT 15.89
				560217			SEE F.B. 3734-93
				-971517			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 209-37 TO 209-36
B.M. 209-37									B.M. 209-37
1	137	622	438 5	170 104 66	66	666	367 5	99 33 66	BOUQUET CN. RD. AT CULVERT 15.89
									SEE F.B. 3734-93
2	240	112	542 5	279 203 76	77	461	378 5	115 39 76	
				142				142	
3	291	461	592 5	291 254 74	3	925	304 5	137 3 68	
				216				210	
4	229	821	530 5	256 202 54	99	308	400 5	125 73 52	
				270				262	
5	266	176	567 5	288 244 44	62	108	363 5	90 34 56	
				314				318	π = MALDONADO
6	205	082	506 5	222 188 34	133	523	434 5	148 118 30	
				348				348	
7	241	694	542 5	246 236 10	198	491	499 5	203 193 10	
				358				358	
								358	
	1612	968			641	482		716	
	641	482			641	482			
	+ 980	486							
B.M. 209-36	971								B.M. 209-36
									BOUQUET CN. RD. & TEXAS CN.
									SEE F.B. 3734-91

T = 76°

WEATHER LT. BREEZE INST. NO. 96716

TIME 11:05 TO 11:35 ROD NO. 95896

NOTES CHKD. [signature] DATE

F.B. 2481 PG. 162 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-12-69

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

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

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

NOTES BY SIEMANN DATE 11-04-69 TIME 2:40 TO 2:45 ROD NO 95896

INDEXED C.J. GALLI DATE NOTES CHKD DATE

F.B. 2481 Pg. 163

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM 209-37 TO 209-38
B.M. 209-37							
1	78 019	3 79 5	83 73 10	91 941	392	96 86 10	B.M. 209-37
						10	BOUQUET CN. RD. & CULVERT # 15.89
						20	SEE F.B. 3734-93
							T= MALOOHADO
B.M. 209-38				78 019			
				13922			B.M. 209-38
							BOUQUET CN RD. & CULVERT # 15.89
							SEE F.B. 3734-93 & 95

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 209-38 TO 209-37
B.M. 209-38									B.M. 209-38 (F.C.D. B.M. -144-01700)
									BOUQUET CN. RD. & CULVERT #15-89
1	90	753	391 5	95 85 10	76	820	377 5	81 71 10	SEE F.B. 3734-93 & 95
								16	
								20	T = MALDONADO
B.M. 209-37	76	820							
	+13	933							B.M. 209-37
									BOUQUET CN. RD. & CULVERT #15.89
									SEE F.B. 3734-93

T = 80°

WEATHER WINDY INST. NO. 96716

TIME 2:45 TO 2:50 ROD NO. 95896

NOTES CHKD [illegible] DATE

F.B. 2481 PG. 164 JOB NO. 0301-02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-04-69

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 11-5-69

INDEXED C. J. GALLI DATE

WEATHER Overcast & Breezy INST. NO. 96716

TIME 11:30 to 12:00 ROD NO. 95896

NOTES CHKD [illegible] DATE

T-57°

F.B. 2481 PG. 165

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 209-38 TO BM 209-39
BM 209-38									BM 209-38
				86				278	Bouquet Cyn Rd., & Culvert
1	49	837	350 5	12 74	242	243	543 5	206 72	#15.89
				115				234	See F.B. 3734-93 & 95
2	74	712	375 5	33 82	192	530	493 5	150 84	
				82, 156				250 156	
3	31	541	332 5	31 ½ 102	199	827	500 5	148 102	
				133 258				303 258	
4	101	371	402 5	69 64	272	513	573 5	240 63	
				31 322				300, 321	
5	10	279	311 5	10 ½ 42	300	410	601 5	278 ½ 44	X-Siemann
				55 364				292 365	
6	22	015	323 5	22 ½ 66	258	088	559 5	224 68	
				156 430				219 433	
7	152	732	453 5	148 x8	216	880	517 5	213 6	
				~~438~~ 438				439	
								438	
	442	487			1682	491		~~877~~ 877	
					442	487			
					1240	004			
BM 209-39									BM 209-39
									Bouquet Cyn. Rd., & Culvert
									#16.43
									See F.B. 3734-97

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 209-39 TO 209-38
B.M. 209-39									B.M. 209-39
1	295	061	596.5	295 ½ 252 ½ 86	10	498	311.5	48 10 ½ 76	BOUQUET CN. RD. AT CULVERT 16.43 SEE F.B. 3734-97
2	262	569	563.5	277 247 30	22	352	323.5	42 2 40	
3	279	368	580.5	305 116 252 53	78	560	379.5	104 116 51 53	
4	197	278	498.5	232 169 162 70	105	677	406.5	139 169 71 68	
5	254	428	555.5	292 ~~237~~ 216 239 76	119	235	420.5	158 237 80 78	
6	228	206	529.5	276 315 180 96	74	606	375.5	122 315 26 96	T-Siemann
7	176	910	477.5	188 411 164 24	42	925	343.5	54 411 30 24	
				435 ✓				435 ✓	
								435 ✓	
								870 ✓	
	1693	820 ✓			453	853 ✓			
	453	853 ✓							
	+1239	967 ✓							
B.M. 209-38									B.M. 209-38 (F.C. B.M. 144-01700) BOUQUET CN. RD. & CULVERT 15.89 SEE F.B. 3734-93 & 95

F.B. 2481 PG. 166 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 11-18-69

INDEXED C. J. GALLI DATE

WEATHER Sunny & L. Breeze INST. NO. 96716

TIME 10:35 to ROD NO. 95896

NOTES CHKD [illegible] DATE

T-760

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.F. Dreier
NOTES BY Maldonado DATE 11-5-69 TIME 1:20 to WEATHER Overcast & Breezy INST. NO. 96716
INDEXED C.J. GALLI DATE NOTES CHKD DATE ROD NO. 95896
T-56°
F.B. 2481 PG. 167

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
											FROM BM 209-39 TO BM 209-40
BM 209-39											BM 209-39
					266					296	Bouquet Cyn. Rd., & Culvert
1	230	563	531	5	194 72	296	140	597	5	256½ 80	#16.43
					49					183	See F.B. 3734-97
2	43	722	344	5	37 12	177	619	478	5	171 12	
					122 84					288 92	
3	78	341	379	5	34 88	288	710	589	5	249½ 78	
					80 172					269½ 170	
4	40	814	341	5	40½ 80	269	238	570	5	228½ 82	
					64 252					270 252	
5	20	113	321	5	20½ 88	270	743	571	5	226½ 88	T-Siemann
					100 340					277 340	
6	58	280	359	5	16 84	235	260	536	5	193 84	
					424					424	
										424	
	471	833				1537	710			848	
						471	833				
						1065	877				
											BM 209-40
											Bouquet Cyn. Rd., 200' No. & House # 30177
BM 209-40											See F.B. 3734-99

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2481 PG. 168 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY PRYER NOTES Maldonado 11-12-69

INDEXED C.J. GALLI DATE

WEATHER Sunny & Calm INST. NO. 96716

TIME 10:25 to ROD NO. 95896

NOTES CHKD DATE

T - 74°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM 209-40 TO 209-39
B.M. 209-40				231				95	B.M. 209-40
1	191	962	492 5	151 80	55	388	356 5	15 80	BOUQUET CN. RD. 200± N. of Ho. # 30166
				303				56	SEE F.B. 2734-99
2	259	551	560 5	215 88	12	179	313 5	12½ 88	
				290 168				102 168	
3	290	730	591 5	254½ 76	67	417	368 5	32 70	
				302 244				138 238	
4	261	709	562 5	220 82	98	589	399 5	58 80	
				298 326				33 318	T-Siemann
5	276	653	577 5	254 44	11	431	312 5	11½ 44	
				284 370				162 362	
6	260	998	561 5	236 46	137	968	438 5	112 54	
				126 416				220 416	
7	123	520	424 5	120 6	216	499	517 5	212 8	
				422				424	
								422	
								846	
	1665123				599471				
	599471								
	+ 1065652								
B.M. 209-39									B.M. 209-39
									BOUQUET CN. RD. AT CULVERT # 16.43
									See F.B. 3734-99

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 56°
SURVEY BY G.E. DREIER
NOTES BY SIEKMANN DATE 11-05-69 TIME 1:50 TO 2:30 WEATHER OVERCAST INST. NO. 96716
INDEXED C.J. GALLI DATE NOTES CHKD DATE ROD NO. 95496
F.B. 2481 PG. 169

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM 209-40 TO 209-41
B.M. 209-40							B.M. 209-40
1	32 329	333 5	½ 68 / 2 32 72	211 171	512 5	246 / 176 70	BOUQUET CN. RD. & 200' N. OF HO. # 30177
							SEE F.B. 3734-99
2	32 898	333 5	½ 72 / 2 32 80 / 152	187 463	488 5	228 / 146 82 / 152	
3	255 251	556 5	287 / 223 64 / 216	147 510	448 5	178 / 116 62	
4	8 371	309 5	½ 35 / 2 8 54 / 270	226 569	527 5	253 / 199 54	
5	125 881	426 5	169 / 81 88 / 358	255 641	556 5	299 / 211 88 / 356	T = MALDONADO
6	41 668	342 5	74 / 8 66 / 424	281 224	582 5	½ 281 / 248 66	
7	110 323	411 5	119 / 101 18 / 442	171 472	472 5	181 / 161 20 / 442	
B.M. 209-41	606721			1481050 / 606721 / 874329		442 / 884	B.M. 209-41
							BOUQUET CN. RD. & HO. # 29835
							SEE F.B. 3734-101

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2481 PG. 170 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-12-69

INDEXED C.J. GALLI DATE

WEATHER PT'LY CLOUDY INST. NO. 96716

TIME 9:20 TO 10:00 ROD NO. 95896

NOTES CHKD DATE

T = 74°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 209-41 TO 209-40
B.M. 209-41									B.M. 209-41
1	195	729	496 5	222 168 54	30	920	331 5	56 4 52	BOUQUET CN. RD. AT HO. # 29835
									SEE F.B. 3734-101
2	251	580	552 5	270 232 38 92	91	311	392 5	111 71 40 92	
3	244	332	545 5	281 207 74 166	142	484	443 5	180 104 76 168	
4	238	243	539 5	274 202 72 238	25	371	326 5	160 225 70 238	
5	73	967	374 5	104 42 62 300	206	121	507 5	238 174 64 302	T = MALDONADO
6	216	371	517 5	252 180 72 372	60	436	361 5	96 24 72 374	
7	258	392	559 5	290 226 64 436	47	730	348 5	78 16 62 436	
								436	
								872	
	1478	624			604	373			
	604	373							
	8 742	48							
B.M. 209-40									B.M. 209-40
									BOUQUET CN. RD. 200± FT. N. OF
									HOUSE NO. 30166
									SEE F.B. 3734-99

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM 209-41 TO 204-14
B.M. 209-41									B.M. 209-41
1	9 921	310 5	129 / 2 9	40	208 420	509 5	229 / 187	42	BOUQUET CN. RD. & HO. # 129835
									SEE F.B. 3734-101
2	38 548	339 5	60 / 16	44 / 84	290 957	590 5	290 / 266	48 / 90	
3	18 212	319 5	140 / 218	44 / 128	248 709	549 5	270 / 226	44 / 134	
4	75 789	376 5	116 / 34	82 / 210	172 120	473 5	212 / 132	80 / 214	π = MALDONADO
5	160 816	461 5	200 / 120	80 / 290	205 408	506 5	243 / 167	76 / 290	
6	86 399	387 5	108 / 64	44 / 334	234 849	535 5	257 / 211	46 / 336	
7	44 557	345 5	65 / 23	42 / 376	269 832	570 5	290 / 248	42 / 378	
8	81 719	382 5	94 / 68	26 / 402	181 011	482 5	194 / 168	26 / 404	
B.M. 204-14								402	B.M. 204-14 (V-10)
	515 961				1811 306			806	BOUQUET CN. RD. & VASQUEZ CN. RD.
					515 961				F.B. 3719-31
					-1295 345				

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 56°

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 11-05-69 WEATHER OVERCAST INST. NO 96716

INDEXED C. J. GALLI DATE TIME 2:30 TO 3:00 ROD NO. 95896

NOTES CHKD. [signature] DATE

F.B. 2481 PG. 171

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 204-14 TO 209-41
B.M. 204-14									B.M. 204-14 (V-10)
1	229	503	530 5	255 203 52	21	392	322 5	148 21 54	BOUQUET CN. RD. & VASQUEZ CN. RD. SEE F.B. 3719-31
2	276	141	577 5	300 252 48 100	44	280	345 5	67 21 46 100	
3	234	131	535 5	264 204 60 160	159	568	460 5	189 129 60 160	
4	152	520	453 5	188 116 72 232	116	929	417 5	152 80 72 232	π = MALDONADO
5	216	952	517 5	249 183 66 298	18	603	319 5	52 1/2 18 68 300	
6	267	599	568 5	286 248 38 336	35	146	336 5	54 16 38 338	
7	272	243	573 5	296 248 48 384	79	117	380 5	102 56 48 384	
8	197	241	498 5	206 188 18 402	75	578	376 5	84 66 18 402	
B.M. 209-41								402	B.M. 209-41
	1846	330			550	613		804	BOUQUET CN. RD. & HO. # 29835 SEE F.B. 3734-101
	550	613							
	+ 1295	717							

T = 58°

WEATHER CLOUDY INST. NO. 96716

TIME 2:35 TO 3:10 ROD NO. 95890

NOTES CHKD [signature] DATE

F.B. 2481 PG. 172 JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-07-69

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 11-14-69 WEATHER CLEAR INST. NO 96716
INDEXED G.J. GALLI DATE NOTES CHKD DATE ROD NO 95896
T = 68°
TIME 7 A.M. TO 10:00
F.B. 2481 PG. 173

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
			RERUN				FROM 204-14 TO 209-41
BM.204-14							BM. 204-14
1	235 681	536 5	258 212 46	12 131	313 5	36 12 48	BOUQUET CN.RD. & VASQUEZ CN.RD.
							SEE F.B. 3719-31
2	257 955	558 5	286 228 58	39 438	340 5	67 11 56	
			104			104	
3	238 257	539 5	280 196 84	171 369	472 5	208 134 84	
			188			188	RE RUN
4	153 722	454 5	188 118 70	84 823	385 5	119 49 70	
			258			258	T = MALDONADO
5	229 145	530 5	256 202 54	10 732	311 5	137 210 54	
			312			312	
6	298 831	599 5	298 276 44	44 220	345 5	66 22 44	
			356	362 713		356	
7	240 938	541 5	264 216 48	27 739	328 5	51 3 48	
			404			404	
~~8~~	~~654 529~~					~~404~~	
8	136 751	437 5	140 132 8	105 285	406 5	109 101 8	
			412			412	
209-41						412	
	791 280			495 737		824	
	495 737						BM. 209-41
+	295 543						BOUQUET CN. RD. & HO.* 29835
							SEE F.B. 3734-101

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2481 PG. 174 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-14-69

INDEXED C. J. GALLI DATE

T = 72°

WEATHER CLEAR INST. NO. 9676

TIME 10:00 TO 10:30 ROD NO. 9516

NOTES CHKD [illegible] DATE

RE RUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 209-41 TO 204-14
B.M. 209-41									B.M. 209-41
1	18	611	319 5	36 0 36	253	258	554 5	271 235 36	BOUQUET CN. RD. & HO. # 29835
									SEE F.B. 3734-101
2	99	660	400 5	122 76 46 82	278 5 984		576 5	296 254 42 78	
3	14	470	315 5	36 14 44 126	260	203	561 5	283 237 46 124	
4	60	632	361 5	98 22 76 202	179	083	480 5	217 141 76 200	RE RUN
5	143	265	444 5	179 107 72 274	137	832	438 5	174 100 74 274	T = MALDONADO
6	52	522	353 5	76 28 48 322	213	826	514 5	238 188 50 324	
7	13	102	314 5	30 13 34 356	185	161	486 5	202 168 34 358	
8	33	889	334 5	55 11 44 400	226	410	527 5	246 206 40 398 400 798	
204-14									
	436	151			31 ~~724~~ 757				
					436	151			
					-1 ~~283~~ 606				
					95				

B.M. 204-14 (V-10)

BOUQUET CN. RD. & VASQUEZ CN. RD.

SEE F.B. 3719-31

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 204-14 TO B.M. 204-15
B.M. 204-14									B.M. 204-14 (V-10)
									BOUQUET CN. RD. & VASQUEZ CN. RD
1	99	444	400 5	105 93 12	194	244	495 5	200 188 12	SEE F.B. 3719-31
					99	444		12 / 24	T = MALDONADO
B.M. 204-15									B.M. 204-15 (1/4 COR 32/33 T5N R15W)
					94	800			BOUQUET CN. RD & VASQUEZ CN. RD.
									SEE F.B. 3719-31

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

SURVEY BY G. E. DREIER

NOTES BY SIEMANN

INDEXED C. J. GALLI

DATE 11-07-69

DATE

WEATHER OVERCAST

TIME 1:05 To 1:10

NOTES CHKD [signature]

INST. NO 96716

ROD NO. 95896

DATE

T = 54°

F.B. 2481 PG. 175

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 204-15 TO 204-14
BM.204-15									BM.204-15 (¼ COR. 32-33 T.5N, R.15W) BOUQUET CN.RD. & VASQUEZ CN.RD.
1	192	829	493	5 198 186 12	98	041	399	5 104 92 12	SEE F.B. 3719-31
	98	041						12 24	T= MALDONADO
BM.204-14									B.M.204-14 (V-10) BOUQUET CN.RD. & VASQUEZ CN.RD. SEE F.B. 3719-31
	+94	788							

T=54

WEATHER OVERCAST INST. NO. 96716

TIME 1:00 TO 1:05 ROD NO. 95896

NOTES CHKD. DATE

F.B. 2481 PG. 176 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-07-69

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM 204-15 TO 204-~~14~~ 13
B.M. 204-15							B.M. 204-15 (¼ COR 32-33 T.5N. R.15W.)
1	100929	402 5	122 54 / 75 ~~27~~	206377	507 5	233 / 179 54	BOUQUET CN. RD. & VASQUEZ CN. RD. SEE F.B. 3719-31
2	59904	360 5	95 / 23 72 / 126	225528	526 5	261 / 189 72 / 126	
3	39001	340 5	78 / 0 78 / 204	238784	539 5	278 / 198 80 / 206	
4	91616	392 5	120 / 62 58 / 262	241498	542 5	270 / 212 58 / 264	
5	19902	320 5	41 / -2 43 / 305	226685	527 5	247 / 205 42 / 306	T = MALDONADO
6	96777	397 5	133 / 59 74 / 379	217069	518 5	256 / 178 78 / 384	
7	242045	543 5	262 / 222 40 / 419	106837	407 5	124 / 87 37 / 421	
8	197273	498 5	208 / 186 22 / 441	44417	345 5	53 / 35 18 / 439	
B.M. 204-13						441 / 880	B.M. 204-13 (F.C. 144-01250) BOUQUET CN. RD. AT TOWER 9/3. SEE F.B. 3719-29
	848447 ✓			1507187 ✓			
				848447 ✓			
				−658740 ✓			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 54°

SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 26716

NOTES BY SIEMANN DATE 11-07-69 TIME 1:10 TO 1:35 ROD NO. 95 & 96

INDEXED C.J. GALLI DATE NOTES CHKD DATE

F.B. 24481 PG. 177

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2481 PG. 178 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-07-69

INDEXED C. J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 2:00 TO 2:30 ROD NO. 95896

NOTES CHKD. DATE

T = 64°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 204-13 TO 204-15
B.M. 204-13									B.M. 204-13 (F.C. 144-01250)
1	23	490	324 5	36 10 26	185	979	486 5	199 171 28	BOUQUET CN. RD. AT TOWER 9/3
									SEE F.B. 3719-29
2	88	591	389 5	106 70 36	206	650	507 5	226 186 40	
				62				68	
3	208	842	509 5	242 174 68	108	157	409 5	141 75 66	
				130				134	
4	252	972	553 5	276 228 48	57	850	358 5	77 33 44	
				178				178	
5	273	490	574 5	291 255 36	127	123	428 5	146 108 38	T = MALDONADO
				214				216	
6	209	350	510 5	246 172 74	60	908	361 5	96 24 72	
				288				288	
7	258	829	559 5	297 219 78	62	861	363 5	102 22 80	
				366				368	
8	232	612	533 5	267 197 70	80	034	381 5	114 46 68	
				436				436	
								436	
B.M. 204-15								872	B.M. 204-15 (¼ COR. 32 & 33 T.5N R.16W)
	1548176				889562				BOUQUET CN. RD. & YASQUEZ CN. RD.
	889562								SEE F.B. 3719-31
	+658614								

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 204-13 TO 204-12
B.M. 204-13				44				151	BM. 204-13
1	29	829	330 5	14 30	136	449	437 5	121 30	BOUQUET CN. RD AT TOWER # 9/3
									SEE F.B. 3719-29
2	31	381	332 5	51 11 40	287	258	588 5	305 269 36	
3	31	212	332 5	46 16 70 30	271	698	572 5	288 254 66 ~~102~~ 34	
4	107	802 ~~802~~	408 5	133 81 100 52	99	015	400 5	125 73 100 52	
5	299	691	600 5	309 291 152 18	89	890	390 5	99 79 152 20	
6	12	863	313 5	27 12 ½ 170 30	243	128	544 5	259 227 172 32	π-Siemann
7	24	077	325 5	65 24 ½ 200 82	151	290	452 5	193 109 204 84	
8	110	000	411 5	151 69 282 82	236	317	537 5	277 195 288 82	
9	26	230	327 5	74 26 ½ 364 96	266	000	567 5	266 220 ½ 370 92	
				460				462	
								460	
	673	085 ✓			1781	045 ✓		922	
					673	085 ✓			
					1107	960 ✓			
BM 204-12									BM 204-12
									Bouquet Cyn. Rd., & House # 29021
									see F.B. 3719-27

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

SURVEY BY G.E. DREIER

NOTES BY Maldonado DATE 11-19-69

INDEXED C. J. GALLI DATE

WEATHER Cloudy & Windy

TIME 9:55 to

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95896

T-64°

F.B. 2481 PG. 179

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 204-12 TO B.M. 204-13
BM-204-12									B.M. 204-12
1	270	598	571 5	270 ½ 228 84	62	523	363 5	102 22 80	BOUQUET CN. RD. & HOUSE # 29021
									SEE F.B. 3719-27
2	229	370	530 5	269 189 ~~140~~ 80	108	128	409 5	148 68 80	
3	134	948	435 5	169 99 164 70	64	751	365 5	101 27 160 74	
4	281	440	582 5	300 262 234 38	48	422	349 5	67 29 234 38	
5	~~211~~ 194	128	495 5	209 179 272 30	230	268	531 5	246 214 272 32	X-Siemann
6	60	552	361 5	66 54 302 12	276	788	577 5	282 270 304 12	
7	224	663	525 5	254 194 314 60	15	034	316 5	45 15 ½ 316 60	
8	284	103	585 5	299 269 374 30	76	480	377 5	90 62 376 28	
9	300	068	601 5	300 279 ½ 404 42	50	731	351 5	71 29 404 42	
10	140	652	441 5	145 135 446 10	79	462	380 5	84 74 ~~88~~ 446 10	
				456				456	
								456	
								912	
	2120	522			1012	587			
	1012	587			~~2020~~	~~522~~			
	+ 1107	935			~~42~~	~~065~~			BM 204-13
									Bouquet Cyn. Rd., at Tower # 9/3
BM 204-13									See F.B. 3719-29

F.B. 2481 PG. 180

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 11-19-69

INDEXED C. J. GALLI DATE

WEATHER WINDY INST. NO. 96716

TIME 9:10 to 9:35 ROD NO. 95896

NOTES CHKD [illegible] DATE

T-68°

VERY THIN CLOUDS

L. A. Co. PRECISE

Notes Ck'd by	Survey of LEVEL NET
Map No.	JN 0301.02 Tape — Std — °F
Office Work	Surveyed by DREIER / RANDALL
Checked	Notes Date NOV.-69 JAN.-70
Date	Indexed JAN 21 70

F. B. 2481 PG. 181

LOS ANGELES COUNTY

PRECISE LEVEL NET

LINE Nº. 210

J. N. 0301.02

FROM: INTERSECTION OF BOUQUET CYN. RD. & SPUNKY CYN. RD. (LINE Nº 209)

ALONG: SPUNKY CYN. RD. & SAN FRANCISQUITO CYN. RD.

TO: ELIZABETH LAKE RD. (LINE Nº 111)

PARTY

RANDALL	DREIER
ANDERSON	MALDONADO
RODRIGUEZ R.J.	SIEMANN
LOVE	STROUD
JOHNSON	MCKNIGHT

REFERENCES
F.B. 3734
F.B. 2437

NOV. 19th 1969
THRU.
JAN. 15th 1970

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

Do not extend this side of this line.

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

76F309S CE#310 3-68

F. B. 2481 PG 182

SEE: F.B. 3734 FOR
ROUTE SKETCH

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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 11-19-69
WEATHER CLEAR-WINDY
TIME 9:40
INST. NO. 96716
ROD NO. 95896
52° F.
F.B. 2481 PG. 183

STATION	FAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	NEAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
1	156	298	457.5	158 154 4	161	263	462.5	188 134 54	54 m - 4 m = 50 m = 0.20 mm
	154	934	455.5	156 152 4 8	150	007	451.5	177 123 54 108 8	54 m - 4 m = 50 m = 0.20 mm
	311	232			311	270		100	CURVE CORR. = 0.40 mm
						040			
	311	230			311	230			
		002							
	0.000 mm = C								
	100/0.20 mm								

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-20-69

INDEXED C.J. GALLI DATE 21 NOTES CHKD DATE

WEATHER Cloudy & Windy INST. NO. 96716

TIME 10:35 ROD NO. 95696

T-64°

F.B. 2481 PG. 185

STATION	Near BACKSIGHT RIGHT MIC.	LEFT.	STADIA	FORESIGHT RIGHT MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			Determination of "C"				
1	163 801	464 5	165 / 161 4	203 851	504 5	230 / 176 54	54M-4M=50M=0.20 MM
2	150 915	451 5	152 / 148 4 / 8	110 667	411 5	137 / 83 54 / 108 / 8 / 100	54 M-4 M=50M=0.20 MM
	314716			314518			Curv. Corr. = 0.40 MM
	314478			040			
	238 MM			314478			
	+ 0.0238MM = "C"						
	100) 2,380						
	200						
	380						
	300						
	800						
			Re-Run				
1	154 662	455 5	156 / 152 4	199 380	500 5	226 / 172 54	54M-4M=50M=0.20 MM
2	148 524	449 5	150 / 146 4 / 8	103 693	404 5	130 / 76 54 / 108 / 8 / 100	54 M-4 M=50 M=0.20 MM
	303186			303073			Curv. Corr. = 0.40 MM
	303033			040			
	153			303033			
	~~100)~~						
	+ 0.015MM = "C"						
	100) 1.530						
	100						
	530						
	500						
	000						

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

F.B. 2481 PG. 187

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

NOTES BY SIEMANN DATE 11-20-69 TIME 9:15 TO 9:25 ROD NO. 95896

INDEXED D.J. CALLI DATE JAN 21 '70 NOTES CHKD. DATE

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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	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ___ TO ___
	DETERMINATION OF "C"								
1	150	948	451 5	152 148 4	159 ~~63~~	480	460 5	186 132 54	54M.-4M. = 50M. = 020 M.M.
2	156	958	457 5	158 154 4	148	239	449 5	175 121 54	54M.-4M. = 50M. = 020 M.M.
	307	806		8	307	719		108	COR. CORR = 040 M.M.
		679				-040		8	
		127				679		100	

+ .0127 M.M. = "C"

100)127

76P526 CE # 308 3-65

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 11-24-69 TIME 9:35 WEATHER Sunny & Calm INST. NO. 46711
INDEXED C.J. GALL DATE JAN 21 NOTES CHKD DATE ROD NO. 95-296
T-60°
F.B. 2481 PG. 189

STATION	Near BACKSIGHT Rod			Far FORESIGHT Rod			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
		Determination of "C"					
1	163 180	464 5	165 161 4	237813	538 5	264 210 54	54M - 4M = 50M = 0.20 MM
2	156 695	457 5	158 154 4	81 902	382 5	108 54 54	54 M - 4 M = 50 M = 0.20 MM
			8			108 8 100	Curv. Corr. = 0.40 MM
	319 875			319 715			
	319 675			040			
	200			319 675			

+0.020 MM = "C"

100) 2000
200
000

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY Maldonado DATE 11-25-69

INDEXED C.J. GALL DATE JN 21 [illegible]

WEATHER BREEZY INST. NO. 96716

TIME 9:30 TO 9:35 ROD NO. 95296

NOTES CHKD. DATE

T = 60°

F.B. 2481 PG. 191

STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
1	155	463	456 5	157 153 4	143	758	444 5	171 115 56	56 M. - 4 M. = 52 M. = 0.20 M.M.
2	152	615	453 5	154 150 4	164	278	465 5	192 136 56	56 M. - 4 M. = 52 M. = 0.20 M.M.
								~~102~~	
	308	078		8	308	036		102	CUR. CORR = 040 M.M.
	397	996			-	040		8	
		082			397	996		104	

+ 0.007 MM = "C"

104) 0.820

728

092

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 11-26-68 WEATHER WINDY INST. NO 96716
NOTES BY Macdonald TIME 9:30 to 9:40 ROD NO 95876
INDEXED [redacted] DATE [redacted] NOTES CHKD. DATE
T = 60°
F.B. 2481 PG. 193

STATION	NEAR BACKSIGHT Right Mic.	Left.	Stadia	FAR FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From To
		DETERMINATION OF "C"					
1	151 180	452 5	153 149 4	156 633	457 5	183 129 54	54 M. - 4 M. = 50 M. = 0.20 M.M.
2	142 794	443 5	144 140 4 8	137458	438 3	164 110 54	M. - M = M. = 0.20 M.M.
	293974			294091		108	CUR. CORR. 0.40 M.M.
				- 040		8	
				294051		100	
				293974			
				0.77	MM		
				— 0.007 MM = "C"			
				100) 0.770			
				700			
				70			

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	NEAR BACKSIGHT			FAR FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF "C"						
1	143 618	444 5	145 / 141 4	85 503	386 5	112 / 58 54	54 M. - 4 M. = 50 M. = 0.20 M.M.
2	154 452	455 5	156 / 152 4	212 452	513 5	239 / 185 54	54 M. - 4 M = 50 M. = 0.20 M.M.
			8			108	
				297 955		8	CUR. CORR. = 0.40 M.M.
	298 070			- 040		100	
	297 915			297 915			
	155						

+ 0.015 m.m. = "C"

100) 1.55

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

SURVEY BY G. E. DREIER

NOTES BY SIEMANN DATE 11-28-69

INDEXED C. J. GALLI DATE JAN 21 70

WEATHER WINDY INST. NO. 96716

TIME 10:10 TO 10:20 ROD NO. 95496

NOTES CHKD. _____ DATE _____

T = 62°

F.B. 2481 PG. 195

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____
		DETERMINATION OF "C"					
1	142 608	443 5	144 / 140 4	84 493	385 5	111 / 57 54	54M - 4M = 50M = 0.20 MM
2	153 783	454 5	155 / 151 4 / 8	211 777	512 5	238 / 184 54	54M - 4M = 50M = 0.20 MM
	296 381			296 270		108	CUR. CORR. 0.40 M.M.
				- 040		8	
	296 230			296 230		100	
	151						
	0.015 mm = "C"						
	(100) 1.51						

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

SURVEY BY G.E. DREIER DATE 12-1-69 WEATHER SCAT CLOUD T = 56° INST. NO. 96716

NOTES BY G.E. DREIER DATE 12-1-69 TIME 10:15 TO 10:30 ROD NO. 95496

INDEXED C.L. GALLI DATE JAN 21 70 NOTES CHKD _____ DATE _____

F.B. 2481 PG. 197

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier DATE 12-2-69 WEATHER Sunny & Windy NO. 96716
NOTES BY Maldonado TIME 9:40 ROD NO. 95 & 96
INDEXED DATE NOTES CHKD DATE
F.B. 2481 Pg. 199
T-56"

STATION	Near BACKSIGHT Rod RIGHT MIC.	LEFT.	STADIA	Far FORESIGHT Rod RIGHT MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
		Determination of "C"					
1	156 177	457 5	158 154 4	94 300	395 5	120 68 52	52M-4M=48M=0.20MM
2	157 460	458 5	159 155 4 8	219 327	520 5	245 193 52 104 8 96	M- M= M=0.20MM
	313 637			313 627			Curv. Corr. = 0.40 MM
	313 587			040			
	050 MM			313587			

+ 0.005 MM = "C"

96) 0.500
48 0
20

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM _____ TO _____
			Determination of "C"						
1	155 166	456 5	157 153	4	217 048	518 5	244 190	54	54M − 4M = 50M = 0.20 MM
2	145 283	446 5	147 143	4	83 406	384 5	110 56	54	54M − 4M = 50M = 0.20 MM
	300 449			8	300 454			108	
	300 414				− 040			8	
	+035				300 414			100	curv Corr. = 0.40 MM.

+.003 M.M. = "C"

100) 0.35

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

SURVEY BY G.E. Dreier

NOTES BY Ma DATE 12-3-69

INDEXED [redacted] DATE [redacted]

WEATHER Sunny

TIME 10:40

NOTES CHKD. _____ DATE _____

INST. NO. 96716

ROD NO. 95 & 96

T-62°

F.B. 2481 PG. 201

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 12-[illegible]-69

INDEXED C.L. SALLI DATE JAN 21 '70

WEATHER Sunny & windy

TIME 11:20

NOTES CHKD

DATE

INST. NO. 96716

ROD NO. 95656 17B A&B

F.B. 2481 PG. 203

T-40"

STATION	Near BACKSIGHT Rod				Far FORESIGHT Rod				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM ____ TO ____
	Determination of "C"								
1	145 162	446 5	147 143	4	254 921	555 5	280 228	52	52M - 4M = 48M = 0.20 MM
2	156 961	457 5	158 154	4 8	47 268	348 5	73 21	52 104 8	52M - 4M = 48M = 0.20 MM
	302 123				302 189 040 302 149 302 123 026			96	Curv. Corr. = 0.40 MM

- 0.002 MM = "C"

96) 0.260
192
68

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LOS ANGELES COUNTY ENGINEER

103 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 40°

SURVEY BY J. Randall WEATHER WINDY INST. NO 96716

NOTES BY JGR DATE 12-30-69 TIME 10:00 TO 10:10 ROD NO. 1713A&B

P.B. 2481 PG. 205

STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						
1	143	213	444 5	141 145 4	59	498	360 5	32 86 54	54M. - 4M. = 50M. = 0.20 M.M.
2	154	486	455 5	152 156 4	238	191	539 5	211 265 54	54M. - 4M. = 50M. = 0.20 M.M.
				8	297	689		108	
	297	699			-	040		8	0.40 M.M.
	297	649			297	649		100	
		0.50							

.005 mm = "C"

100) 0.500

70F020B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-56
SURVEY BY J. Randall WEATHER Sunny calm INST. NO. 96716
NOTES BY Maldonado DATE 12-31-69 TIME 9:40 ROD NO. 1713 A&B
INDEXED [redacted] DATE JAN 21 [redacted] NOTES CHKD DATE
F.B. 2481 PG. 207

STATION	Near BACKSIGHT Rod			Far FORESIGHT Rod			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
		Determination of "C"					
1	~~150~~ 151 020	452 5	153 149 4	12 685	313 5	38½ 12 52	52M - 4M = 48M = 0.20 MM
2	131 143	432 5	133 129 4 / 8	269 410	570 5	295 243 52 / 104 / 8 / 96	52M - 4M = 48M = 0.20 MM
	282 163			282 095			Curv. Corr. = 0.40 MM
	282 055			040			
	1.08 MM			282 055			
	+0.0119 MM = "C"						
	96 / 1.0800						
	96						
	120						
	96						
	240						

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
									DETERMINATION OF "C"
1	162	788	463 5	164 160 04	256	042	567 5	253 229 54	54M - (4)M = 50M = 0.20 MM
2	131	652	432 5	133 129 04	38	380	339 5	65 11 54	54M - (4)M = 50M = 0.20 MM
	294	440	TOTAL	08	294	422	TOTAL	108	CURRVATURE CORRECTION = 0.40 MM
-	294	382			-	040		- 8	
		058			294	382		100	diff of Stadia
									π = ANDERSON
			0.0058 MM = "C"						
	100		0.580						
			500						
			80						

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 7 Jan 1970 TIME 9:40 WEATHER Windy Cold INST. NO. 75234

INDEXED C.L. CALLI DATE 21 NOTES CHKD. DATE ROD NO. 9-19

T = 46°

T = 46°

F.B. 2481 PG 209

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	156	381	457 5	158 / 154 4	76	548	377 5	104 / 50 54	54 M - 4 M = 100 M = 0.20 mm
2	169	356	470 5	171 / 167 4	249	241	550 5	276 / 222 54	54 M - 4 M = 100 M = 0.20 mm
	325	737		8	325	789		108	
						- 040		8	Curr. Corr. = 0.40 mm
					325	749		100	
					325	737			
						012 mm			

$$\frac{-}{100}\ \frac{0.001}{0.120} = C$$

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

SURVEY BY RANDALL

NOTES BY ANDERSON DATE 9-JAN-70

INDEXED [illegible] DATE [illegible]

WEATHER CALM OVERCAST

TIME 9:30 AM

NOTES CHKD.

T: 48°

INST. NO. 75234

ROD NO. 1713 A-B

DATE

F.B. 2481 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	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM _____ TO _____
		DETERMINATION OF "C"							
1	172 413	473 5	174 / 170	4	252 246	553 5	278 / 224	54	54 M - 4 M = 50 M = 0.20 mm
2	157 720	458 5	159 / 155	4	77 862	378 5	104 / 50	54	54 M - 4 M = 50 M = 0.20 mm
	330 133			8	330 108			108	
	330 068				- 040			- 8	Curr. Corr. 0.40 mm
					330 068			100	
	0065 mm								
			+ 0.006		mm = "C"				
		100	0.650						

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

SURVEY BY RANDALL

NOTES BY ANDERSON DATE 12-JAN-'70

WEATHER CALM - OVERCAST INST. NO. 75234

TIME 9:00 A.M. ROD NO. 1713 A&B

INDEXED [redacted] DATE [redacted] NOTES CHKD. DATE

T = 48°

F.B. 2481 PG 213

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 RANDALL

NOTES BY RODRIGUEZ DATE 13-JAN-70

INDEXED [redacted] DATE [redacted]

T: 68°56° CALM

WEATHER Light overcast TIME 09:30

NOTES [redacted]

F.B. 2481 PG. 215

INST. NO. 75234

ROD NO. 1713 A&B

DATE

STATION	Near BACKSIGHT				Far FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
				DETERMINATION OF "C"					
1	135	910	436 5	137 133 04	249	576	550 5	276 222 54	54 M - 4 M = 50 M = 0.20mm
2	135	715	436 5	137 133 04	22	068	323 5	49 22(½) 54	54 M - 4 M = 50 M = 0.20mm
	271	625		08	271	644		108	
	- 271	604				-040		-08	Curr. Corr. = - 0.40mm
	0	021 MM			271	604 MM		100 M	

π = ANDERSON

+ 0.0021 mm = "C"

100 / 0.210

200

100

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Randall Anderson DATE 14-Jan-'70 WEATHER OVERCAST INST. NO. 75234
NOTES BY TIME 09:30 ROD NO. 713A-B
INDEXED DATE NOTES CHKD DATE
F.B. 2481 PG. 217

T = 46°

STATION	NEAR BACKSIGHT ROD RIGHT MIC.	LEFT.	STADIA	FAR FORESIGHT ROD RIGHT MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				DETERMINATION OF "C"			
1	131 340	432 5	133 129 4	14 172	315 5	41 14½ 54	54 M - 4 M = 50 M = 0.20 mm
2	172 222	473 5	174 170 4	289 492	590 5	289 262½ 54	54 M - 4 M = 50 M = 0.20 mm
	303562		8	303 664		108	
				- 0.40		- 8	Curr. Corr. 0.40 mm
				303 624		100	
				303 562			
				062			

0.0062 mm = "C"
100 / 0.6200

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 ROD				FORESIGHT FAR ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				DETERMINATION OF "C"					
1	172	172	473 5	174 170 4	284	012	585 5	284 257½ 54	54 M - 4 M = 50 M = 0.20 mm
2	136	842	437 5	138 134 4	25	011	326 5	52 25 4 54	54 M - 4 M = 50 M = 0.20 mm
	309	014		8	309	023		108	
	308	983			- 0.40 mm			8	Curr. Corr. 0.40 mm
	+ 0	031	mm		308	983		100	

+ 0.003 mm = "C"

100 / 0.310

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

SURVEY BY Randall

NOTES BY Anderson DATE 15-JAN-'70

INDEXED [illegible] DATE [illegible]

T=50°

CALM

WEATHER OVERCAST INST. NO 75234

TIME 09:30 ROD NO 1713 A-B

NOTES CHKD. DATE

F.B. 2481 PG. 219

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 U. RANDALL

NOTES BY R. ANDERSON DATE 1/13/70

INDEXED C.T. BALLI DATE [illegible]

WEATHER CALM & OVERCAST INST. NO. 75234

TIME 9:30 A.M. ROD NO. 1713 A-B

NOTES CHKD. [illegible] DATE

F.B. 2481 Pg. 221

T = 56°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 209-11									FROM B.M. 209-11 TO B.M. 209-12
	64	53		103	65	42		288	B.M. 209-11
1	79	572	380 5	79 (1/2) 48	265	549	566 5	242 46	Bouquet Cyn. Rd., about 1.2 mi.
				82				290	East of Spunky Cyn. Rd. ~~So.~~ No. Side.
2	58	512	359 5	34 48	265	882	566 5	240 50	F.B. 3734-35
				96				286 96	
3	5	512	306 5	35 5 (1/2) 60	286	321	587 5	255 (1/2) 62	
				32 156				275 158	
4	4	628	305 5	4 (1/2) 56	275	563	576 5	247 (1/2) 56	
				50 212				298 214	
5	25	291	326 5	25 (1/2) 50	272	861	573 5	246 52	T RODRIGUEZ
		571		80 2[illegible]				~~234~~ 266	
6	57	~~562~~	358 5	34 46	~~220~~	~~430~~	~~521 5~~	~~206 8~~	
				88 308	264	310	565 5	288 48	
7	56	479	357 5	24 64	281	472	582 5	281 314	
				74 372				257 (1/2) 60	
8	51	084	352 5	28 46	289	321	590 5	289 374	
				75 418				266 1/2 46	
9	57	152	358 5	39 36	235	767	536 5	254 420	
				89 454				216 38	
10	69	262	370 5	49 40	143	922	444 5	162 458	
				494				124 38	
								496	
+	465	063			- 2580	968		494	
					+ 465	063		990	
					- 2115	905			
B.M. 209-12									B.M. 209-12
									Bouquet Cyn. Rd. about 0.4 mi. East
									of Spunky Cyn. Rd. So. Side
									F.B. 3734-39

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 209-12 TO B.M. 209-11
B.M. 209-12	644	34		162	5	392		88	B.M. 209-12
1	143	119	444 5	124 38	68	122	369 5	48 40	Bouquet Cyn. Rd., about 0.6 mi.
				256				77	East of Spunky Cyn. Rd.
2	238	609	539 5	220 36	59	861	360 5	41 36	F.B. 3734-39
				286 74				72 76	
3	286	381	587 5	262 (1/2) 48	49	282	350 5	26 46	
				282 122				88 122	
4	282	248	583 5	250 (1/2) 64	56	642	357 5	24 64	
				286 186				78 186	
5	263	140	564 5	240 46	55	982	356 5	32 46	
				296 232				50 232	T RODRIGUEZ
6	270	317	571 5	244 52	23	103	324 5	23 (1/2) 54	
				274 284				68 286	
7	274	833	575 5	245 (1/2) 58	40	081	341 5	12 56	
				298 342				52 342	
8	267	903	568 5	236 62	22	051	323 5	22 (1/2) 60	
				292 404				87 402	
9	292	513	593 5	268 (1/2) 48	13	402	314 5	13 (1/2) 48	
				288 452				104 450	
10	264	391	565 5	240 48	79	068	380 5	49 (1/2) 50	
				500				500	
+	2583	454						500	
−	467	594		−	467	594		1000	
+ B.M. 209-11	2115	860							B.M. 209-11
									Bouquet Cyn. Rd. about 1.3 mi.
									East of Spunky Cyn. Rd.
									F.B. 3734-35

T= 540

WEATHER CALM & OVERCAST INST. NO. 75234

TIME 1:20 P.M. ROD NO. 1713 A-B

NOTES CHKD [signature] DATE JAN 19 70

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY Randall NOTES ANDERSON 15-JAN-70

INDEXED G.T. GALLI DATE

F.B. 2481 PG. 222

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
B.M. 209-12									B.M. 209-12
				20				233	Bouquet Cyn. Rd. about ~~1.3~~ 0.6 mi.
1	10	558	311 5	10 (1/2 20	223	482	524 5	213 20	East of Spunky Cyn. Rd. ~~No~~ 50 Side
				53				272	F.B. 3734-39
2	22	432	323 5	22 (1/2 62	272	778	573 5	240 (1/2 64	
				78 82				301 84	
3	48	800	349 5	18 60	301	572	602 5	272 (1/2 58	
				40 142				276 142	
4	28	222	329 5	16 24	262	229	563 5	248 28	
				54 166				267 170	π RODRIGUEZ
5	32	251	333 5	10 44	247	251	548 5	227 40	
				122 210				276 210	
6	80	789	381 5	38 84	276	546	577 5	235 (1/2 82	
				28 294				228 292	
7	12	772	313 5	12 (1/2 32	213	431	514 5	198 30	
				51 326				284 322	
8	23	813	324 5	23 1/2 56	284	960	585 5	255 1/2 58	
				76 382				252 380	
9	56	480	357 5	36 40	233	107	534 5	214 38	
				107 422				296 418	
10	77	393	378 5	47 60	296	370	597 5	264 (1/2 64	
				482				482	
	+ 393	510			- 2611	726		482	
					+ 393	510		964	
B.M. 209-13					- 2218	216			B.M. 209-13
									Bouquet Cyn. Rd. @ Spunky Cyn. Rd.
									F.B. 3734-41

SEE Pg. 225 FOR RERUN

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

SURVEY BY V. RANDALL

NOTES BY R. ANDERSON DATE 1/13/76

WEATHER CALM & OVERCAST INST. NO. 75231

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

F.B. 2481 Pg. 223

T-56°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 209-13 TO B.M. 209-12
B.M. 209-13									B.M. 209-13
				298				108	Bouquet Cyn. Rd. @ Intersection
1	298	447	599.5	264 (1/2 68	78	041	379.5	48 60	with Spunky Cyn. Rd.
				243				72	F.B. 3734-41
2	226	516	527.5	207 36	51	302	352.5	30 42	
				292 104				60 102	
3	292	571	593.5	262 1/2 60	31	276	332.5	2 58	
				221 164				24 160	
4	208	468	509.5	195 26	8	315	309.5	8 1/2 32	
				274 190				119 192	
5	274	019	575.5	233 (1/2 82	78	021	379.5	35 84	
				269 272				56 276	⊼ RODRIGUEZ
6	248	090	549.5	227 42	34	205	335.5	12 44	
				274 314				38 320	
7	259	888	560.5	244 30	26	689	327.5	14 24	
				297 344				74 344	
8	297	649	598.5	268 (1/2 58	44	165	345.5	14 60	
				298 402				46 404	
9	267	329	568.5	236 62	15	463	316.5	15 (1/2 62	
				233 464				20 466	
10	222	243	523.5	211 22	10	803	311.5	0 20	
				486				486	
								486	
	+2595	220			378	280		972	B.M. 209-12
B.M. 209-12	-378	280							Bouquet Cyn. Rd. about 0.6 mi.
	+2216	940							East of Spunky Cyn. Rd. So. Side
									F.B. 3734-39

T=56°

WEATHER CALM-overcast INST. NO. 75234

TIME 11:30 A.M. ROD NO. 1713 A-B

NOTES CHKD [illegible] DATE [illegible]

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Not

SURVEY BY RADDALL NOTES Anderson 15-Jan-70

INDEXED [illegible] DATE

F.B. 2481 Pg. 224

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. RERUN

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 209-12 TO B.M. 209-13
B.M. 209-12			17			230	B.M. 209-12
1	7 692	308 5	(½) 7 20	219 650	520 5	208 22	Bouquet Cyn. Rd. about 0.6 mi.
			63			273	East of Spunky Cyn. Rd. So. Side
2	22 020	323 5	22 (½) 62	273 450	574 5	242 (½) 62	F.B. 3734-39
			78 82			296 84	
3	49 578	350 5	20 58	296 612	597 5	268 (½) 56	
			33 140			272 140	
4	20 292	321 5	7 26	259 801	560 5	246 26	
			60 166			264 166	
5	28 413	329 5	6 44	244 241	545 5	224 42	
	81		128 210			277 208	
6	~~82~~ 911	382 5	38 90	277 411	578 5	236 (½) 82	⊼ RODRIGUEZ RERUN
			32 300			236 290	
7	19 672	320 5	4 28	218 863	519 5	201 34	
			64 328			296 324	
8	85 279	336 5	6 58	296 285	597 5	266 (½) 60	
			78 386			255 384	
9	59 712	360 5	40 38	236 638	537 5	217 38	
			112 424			299 422	
10	80 503	381 5	48 64	299 062	600 5	269 (½) 70	
			488			492	
						488	
	+405 072			-2622 013		980	MTRS
				+405 072			
B.M. 209-13				-2216 941			B.M. 209-13
							Bouquet Cyn. Rd. @ Intersection
							with Spunky Cyn. Rd.
							F.B. 3734-41

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

SURVEY BY RANDALL

NOTES BY ANDERSON DATE 15 JAN '70

INDEXED [illegible] DATE JAN 21 '70

WEATHER OVERCAST CALM T = 50°

TIME 2:25 P.M.

NOTES CHKD [illegible] DATE [illegible]

INST. NO. 75234

ROD NO. 1713 M-B

F.B. 2481 PG. 225

F.B. 2481 PG. 226 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY RANDALL NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			BLANK						
			SEE Pg. 224 for RUN						

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 11-19-69

INDEXED [redacted] DATE [redacted]

T: 52° CLEAR

WEATHER VERY WINDY INST. NO 96716

TIME 10:40 TO 11:20 ROD NO. 95896

NOTES CHKD [illegible] DATE

F.B. 2481 PG 227

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 209-13 TO 210-1
B.M. 209-13									B.M. 209-13
1	65	980	366 5	94 / 36 58	242	038	543 5	271 / 213 58	BOUQUET CN. RD. & SPUNKY CN. RD. SEE F.B. 3734-41
2	142	119	443 5	174 / 110 64 / 122	12	567	313 5	145 / 212 66 / 124	
3	286	121	587 5	1286 / 260 52 / 174	121	856	422 5	148 / 94 54 / 178	
4	205	312	506 5	231 / 179 52 / 226	81	228	382 5	108 / 54 54 / 232	
5	224	292	525 5	260 / 188 72 / 298	14	658	315 5	145 / 214 62 / 294	π = MALDONADO
6	256	021	557 5	289 / 223 66 / 364	99	339	400 5	132 / 66 66 / 360	
7	161	567	462 5	176 / 146 30 / 394	188	558	489 5	203 / 173 30 / 390	
B.M. 210-1								394	
	341	412			760	244		784	
	760	244							
	+581	168							

B.M. 210-1
SPUNKY CN. RD. & P.P. # 736913 E.
SEE F.B. 3734-113

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 210-1 TO B.M. 209-13
B.M. 210-1									B.M. 210-1
1	142	505	443 5	189 95 94	259	790	560 5	306 212 94	SPUNKY CN. RD. & P.P. # 736913 E
									SEE F.B. 3734-113
2	17	218	318 5	47 ½ 17 60	225	759	526 5	255 195 60	
				117 154				231 154	
3	90	829	391 5	63 54	206	109	507 5	181 50	
				112 208				1299 204	
4	79	412	380 5	46 66	299	073	600 5	1269 70	
				70 274				209 274	
5	46	011	347 5	22 48	186	711	487 5	163 46	π = SIEMANN
				322				320	
6	249	982	550 5	284 214 70	29	561	330 5	164 ½ 229 70	
				392				390	
7			5				5	392	
	625	957			1207	003		782	
					625	957			
					- 581	046			
									B.M. 209-13
									BOUQUET CN. RD. & SPUNKY CN. RD.
									SEE F.B. 3734-41

F.B. 2481 PG. 228

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES STROUD 11-28-69

INDEXED C.L. GALLI DATE

WEATHER TISS SLEAR WIND INST. NO. 96716

TIME 11:49 TO 13:00 ROD NO. 95496

NOTES CHKD [illegible] DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 56°
SURVEY BY G. E. PREIER
NOTES BY SIEMANN
DATE 11-19-69
WEATHER CLEAR
TIME 11:25 TO 12:00
INST. NO. 96716
ROD NO. 95596
INDEXED [redacted]
DATE [redacted]
NOTES CHKD
DATE
F.B. 2481 PG. 209

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM 210-1 TO 210-2
B.M. 210-1									B.M. 210-1
1	73	703	374 5	93 / 73 40	297	960	598 5	295 / 276 38	~~BOUGUET~~ SPUNKY CN. RD. & P.P. # 736913
									SEE F.B. 3734-113
2	9	039	310 5	124 / 9 30 / 70	271	819	572 5	288 / 254 34 / 72	
3	279	978	380 5	116 / 42 74 / 144	154	332	455 5	193 / 115 78 / 150	
4	158	910	459 5	204 / 112 82 / 226	258	843	559 5	301 / 215 76 / 226	
5	71	~~23~~ 192	372 5	111 / 31 80 / 306	138	279	439 5	176 / 100 76 / 302	T = MALDONADO
6	191	789	492 5	230 / 152 78 / 384	105	534	406 5	146 / 64 82 / 384	
7	290	813	591 5	1290 / 268 44 / 428	34	617	335 5	56 / 12 44 / 428	
8	209	310	510 5	215 / 203 12 / 440	34	111	339 5	44 / 32 12 / 440	
								440	
B.M. 210-2	1084	734			299	495		880	B.M. 210-2 (AZ. MARK JUPITER MT. 1932)
					1084	734			SPUNKY CN. RD. & HO # 13547
					214	761			SEE F.B. 3734-115

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	~~53~~	~~53~~			~~344~~	~~24~~			FROM B.M. 210-2 TO B.M. 210-1
B.M. 210-2									B.M. 210-2 (U.S.C.&G.S. AZIMUTH MARK, JUPITER MT.)
1	16	661	317 5	27 5 22	235	908	536 5	248 222 26	SPUNKY CN. RD. & ROAD TO HO. #13547
2	18	790	319 5	1/2 41 18 46	257	529	558 5	280 234 46	SEE F.B. 3734-115
3	137	127	438 5	190 84 106 68	186	430	487 5	237 135 102 72	
4	228	044	529 5	269 187 82 174	61	000	362 5	101 21 80 174	
5	138	679	439 5	175 101 74 256	163	858	464 5	199 127 72 254	
6	214	890	515 5	251 177 74 330	11	532	312 5	1/2 44 11 66 326	↑ SIEMANN
7	297	160	598 5	1/2 297 283 28 404	29	209	330 5	47 11 36 392	
8	223	589	524 5	233 213 20 432	114	737	415 5	125 103 22 428	
				452				450 ✓	
								452 ✓	
	1274	940 ✓			~~1060~~ 1060	203 ✓		902 ✓	
	~~1060~~	~~201~~							
	~~214~~	~~739~~							
B.M. 210-1	1060	203 ✓							B.M. 210-1
	+ 214	737 ✓							SPUNKY CN. RD. 0.5 MI. W. OF BOUQUET CN. RD.
									SEE F.B. 3734-113

F.B. 2481 PG. 230

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES STROUD 11-28-69

INDEXED G.J. GALLI DATE

WEATHER CLEAR WINDY INST. NO. 96716

TIME 11:34 ROD NO. 95896

NOTES CHKD [illegible] DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-19-69

INDEXED C.J. GALLI DATE JAN 21 70

WEATHER Sunny & Windy INST. NO. 96716

TIME 1:35 to 2:30 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE

T-66°

F.B. 2481 PG. 231

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 210-2 TO BM 210-3
BM 210-2				90				220	BM 210-2 (AZ. Mark Jupiter Mt.
1	71	720	372 5	52 38	201	080	502 5	182 38	Spunky Cyn. Rd., & 1932)
				104				257	HO. # 13547
2	79	190	380 5	54 50	233	832	534 5	209 48	See F.B. 3734-115
				82 88				246 86	
3	51	825	352 5	20 62	214	710	515 5	182 64	
				273 150				36 150	
4	250	672	551 5	227 46	13	498	314 5	13½ 46	
				216 196				284 196	
5	192	020	493 5	168 48	260	434	561 5	236 48	
				50 244				297 244	π-Stroud
6	35	447	336 5	20 30	297	861	598 5	280½ 34	
				216 274				75 278	
7	187	823	488 5	158 58	47	645	348 5	21 54	
				255 332				134 332	
8	225	628	526 5	195 60	104	778	405 5	74 60	
				392				392	
								392	
								784	
	+1094	325			-1373	838			
					+1094	325			
					-279	513			
BM 210-3									BM 210-3 Spunky Cyn. Rd., & T.P. # 5818 & North End of Reservoir. See F.B. 3734-117

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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 210-3 TO 210-2
B.M. 210-3									B.M. 210-3
1	169	818	470.5	190 148 42	153	938	454.5	173 133 40	SPUNKY CN. RD. AT N'LY END OF RESERVOIR
2	81	449	382.5	101 61 40	269	750	570.5	290 248 42	SEE F.B. 3734-117
3	110	332	411.5	147 73 74	15	327	316.5	145 85 60	82
4	251	640	552.5	262 240 22	77	792	378.5	92 62 30	156 142
5	168	662	469.5	190 146 44	301	072	602.5	301 275 52	178 172
6	47	217	348.5	70 24 46	161	056	462.5	184 138 46	222 224
7	261	435	562.5	298 230 62	60	130	361.5	90 30 60	268 270
8	281	229	582.5	281 246 35	53	416	354.5	87 53 68	330 330
									398
									400
									798
	+ 1371 782				- 1092 481				
	- 1092 481				21 782				
	279 301				1020 699				
	+ 279 301								
B.M. 210-2									B.M. 210-2 (U.S.C.&G.S. AZ. MARK JUPITER MT.) SPUNKY CN. RD. & ROAD TO HO. #13547 SEE F.B. 3734-115

T = 620

T = STROUD

WEATHER WINDY INST. NO. 96716

TIME 10:20 TO ROD NO. 95896

NOTES CHKD. DATE

F.B. 2481 PG. 232 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY TREIER NOTES SIEMANN 11-28-69

INDEXED DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-19-69

INDEXED B.L. GALLI DATE 11 21 [illegible]

WEATHER Sunny & Windy INST. NO. 96716

TIME 2:35 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE

T-66°

F.B. 2481 PG 233

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 210-3 TO BM 210-4
BM 210-3									BM 210-3
1	12	735	313 5	34 / 72 ½ 44	251	638	552 5	272 / 230 42	SPUNKY Cyn. Rd., & North End of Reservoir, & T.P. #5818
2	133	667	434 5	149 / 117 32	9	350	310 5	24 / 9 ½ 30	See F.B. 3734-117
3	301	470	602 5	301 ~~56~~ 74 / 290 ½ 22	24	288	325 5	60 72 / 40 20	
4	279	825	580 5	291 98 / 267 24	19	048	320 5	34 92 / 4 30	
5	289	960	590 5	298 122 / 280 18	33	177	334 5	43 122 / 23 20	
6	268	338	569 5	276 140 / 260 16	55 / 56	909	356 5	63 142 / 47 16	
7	259	446	560 5	269 156 / 249 20	58	887	359 5	68 158 / 48 20	T-Stroud
8	292	645	593 5	304 176 / 280 24	35	135	336 5	46 178 / 24 22	
9	279	746	580 5	290 200 / 268 22	15	070	316 5	26 200 / 4 22	
				222				222	
								222	
								444	
	+ 2117	842			502 ~~495~~ 502				
	- 502	~~495~~ 502							
	+ 1615	~~347~~ 330							
BM 210-4									BM 210-~~3~~ 4
									Spunky Cyn Rd. & Culvert #1.84
									See F.B. 3734-119

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	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM 210-4 TO 210-3
B.M. 210-4									B.M. 210-4
1	51	587	352 5	58 44 14	229	860	530 5	236 222 14	SPUNKY CN. RD. AT CULVERT 1.84
~~2~~									SEE F.B. 3734-119
2	38	788	339 5	49 27 22	272	600	573 5	282 262 20	
3	11	897	312 5	24 11 1/2 36 26	271	318	572 5	284 258 34 26	
4	8	065	309 5	19 8 1/2 62 22	295	960	596 5	306 284 60 22	
5	18	613	319 5	30 6 84 24	300	312	601 5	300 288 1/2 82 24	
6	52	210	353 5	64 40 108 24	276	116	577 5	287 265 106 22	X-Stroud
7	30	100	331 5	40 20 132 20	301	578	602 5	301 289 1/2 128 24	
8	26	415	327 5	38 14 152 24	188	691	489 5	200 176 152 24	
9	199	355	500 5	210 188 176 22	62	375	363 5	73 51 176 22	
10	200 ~~197~~	868	501 5	211 189 198 22	54	320	355 5	66 42 198 24	
				220				222	
								220	
+	637	898		-	2253	130		442	
					+ 637	898			
				-	~~1616~~ 1615	232			
B.M. 210-3				-					B.M. 210-3
									SPUNKY CN RD. AT N'LY END OF RES.
									SEE F.B. 3734-117

T-62°

WEATHER Overcast & Windy INST. NO. 96716

TIME 2:05 to ROD NO. 95896

NOTES CHKD [signature] DATE

JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 11-26-69

INDEXED B.L. GALLI DATE

F.B. 2481 PG. 234

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	13445				5503				FROM BM 210-4 TO BM 210-5
BM 210-4									BM 210-4
1.	281	132	582 5	294 268 26	13	811	314 5	26 0 26	SPUNKY CYN. RD. AT CULVERT 1.84
2.	294 5	679	596 5	308 281 27	14	718	315 5	27 1 26	See F.B. 3734-119
3.	281	923	582 5	287 273 53 14	34 5	036	336 5	43 27 52 16	
4.	271	721	572 5	278 264 67 14	39	199	340 5	46 32 68 14	π MALDONADO
5.	296	147	597 5	303 289 81 14	19	400	320 5	26 12 82 14	
6.	292	643	593 5	300 284 95 16	33	542	334 5	41 25 96 16	
7.	299	965	600 5	307 291 111 16	12	380	313 5	20 4 112 16	
8.	291	008	592 5	298 284 127 14	14	601	315 5	22 6 128 16	
9.	234	399	535 5	246 222 141 24	13	883	314 5	24 3 144 21	
10.	212	277	513 5	216 208 165 8	63	724	324 5	67 59 165 8	
				173				173	
BM 210-5								173	BM 210-5
	+ 2796854				260294			346	SPUNKY CYN. RD. N OF CULVERT # 2.00
	260294								See F.B. 3734-121
	~~2506590~~								
	+ 2496600								

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

SURVEY BY G.E. DREIER

NOTES BY STROUD DATE 11-20-69

INDEXED G.E. GALLI DATE JAN 21 70

WEATHER WINDY CLEAR INST. NO. 96716

TIME 13:05 ROD NO. 95896

NOTES CHKD. [illegible] DATE

T = 56°

F.B. 2481 PG 235

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 210-5 TO 210-4
B.M. 210-5									B.M. 210-5
1	25	839	326 5	32 18 14	236	069	537 ~~242~~ ~~230~~	242 230 12	SPUNKY CN. RD. AT CULVERT 2.00
									SEE F.B. 3734-121
2	11	787	312 5	20 2 18 32	270	531	571 5	280 260 20 32	
3	17	548	318 5	26 8 18 50	284	903	585 5	293 275 18 50	T J. MALDONADO
4	13	079	314 5	20 6 14 64	298	302	599 5	307 289 18 68	
5	20	533	321 5	28 12 16 80	290	827	591 5	297 283 14 82	
6	13	909	314 5	20 6 14 94	260	591	561 5	267 253 14 96	
7	9	179	310 5	20 -2 22 116	291	493	592 5	302 280 22 118	
8	28	129	329 5	35 21 14 130	240	781	541 5	246 234 12 130	
9.	15	991	316 5	27 3 24 154	279	491	580 5	291 267 24 154	
10.	34	980	335 5	44 24 20 174	234	620	535 5	244 224 20 174	
								174	
								174	
	+ 190974				- 2687608			348	
					+ 190974				
					- 2496634				
B.M. 210-4									B.M. 210-4
									SPUNKY CN. RD. AT CULVERT # 1.84
									SEE F.B. 3734-119

F.B. 2481 PG. 236

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES STROUD 11-26-59

INDEXED C.J. BALLI DATE

JOB NO. 0301.02

WEATHER CLEAR & WINDY INST. NO. 96716

TIME 1330 ROD NO. 95896

NOTES CHKD [illegible] DATE

T-63

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

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

SURVEY BY G E DREIER

NOTES BY STROUD DATE 11-20-69

WEATHER CLEAR WINDY INST. NO. 96716

TIME 13:45 ROD NO. 95896

T = 58°

F.B. 2481 Pg. 237

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 210-5 TO BM 210-6
BM 210-5									BM 210-5
1.	297	951	598 5	309 / 285 24	11	050	312 5	22 / 0 22	SPUNKY CYN RD
									N. OF CULVERT 2.00
2.	263	679	564 5	269 / 257 12	11	901	312 5	19 / 3 16	See F.B. 3734-121
				307 36				38	
3.	300	468	601 5	293 14	9	388	310 5	1/2 15 / 9 12	
				50				50	
4.	279	352	580 5	284 / 274 10	14	123	315 5	19 / 9 10	
				60				60	T. J. MALDONADO
5.	281	242	582 5	286 / 276 10	48	068	349 5	54 / 42 12	
				70				72	
6.	274	723	575 5	282 / 266 16	60	658	361 5	68 / 52 16	
				86				88	
7.	287	361	588 5	297 / 277 20	14	957	315 5	23 / 5 18	
				106				106	
8.	297	453	598 5	307 / 287 20	31	089	332 5	41 / 21 20	
				126				126	
9.	277	291	578 5	286 / 268 18	11	981	312 5	20 / 2 18	
				144				144	
10.	301	450	602 5	1/2 301 / 293 16	9	964	310 5	16 / 2 14	
				160				158	
11.	272	404	573 5	280 / 264 16	7	799	308 5	1/2 16 / 7 18	
				176				176	
12.	284	802	585 5	290 / 278 12	27	027	328 5	33 / 21 12	
13.	198	830	499 5	201 / 195 6	81	602	382 5	84 / 78 6	
				194				194	BM 210-6
BM 210-6								194	SPUNKY CYN. RD. AT
								388	CULVERT # 2.28
	+3617	006			339	607			See F.B. 3734-123
	339	607							
	+3277	399							

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 210-6 TO 210-5
B.M. 210-6									B.M. 210-6
1	26	824	327 5	32 20 12	235	517	556 5	262 248 14	SPUNKY CN. RD. AT CULVERT # 2.28
2	15	217	316 5	22 8 14 26	294	392	595 5	301 287 14 28	SEE F.B. 3734-123
3	19	360	320 5	26 12 14 40	289	943	590 5	296 282 14 42	
4	10	642	311 5	17 3 14 54	283	368	584 5	290 276 14 56	A J. MALDONADO
5	15	060	316 5	24 6 18 72	266	233	567 5	275 257 18 74	
6	35	~~397~~ 381	336 5	43 27 16 88	283	182	584 5	292 274 18 92	
7	20	450	321 5	27 11 16 104	294	090	595 5	302 286 16 108	
8	22	068	323 5	30 14 16 120	295	150	596 5	302 288 14 122	
9	12	211	313 5	18 6 12 132	269	069	570 5	274 264 10 132	
10	13	621	314 5	19 7 12 144	262	333	563 5	268 256 12 144	
11	22	579	323 5	28 12 12 156	255	009	556 ~~260~~ ~~250~~	260 250 10 154	
12	10	460	311 5	18 2 16 172	267	345	5	275 259 16 170	
13	62	598	363 5	68 56 12 184	248	237	549	257 239 18 188	
	+286	471			-3563	868		184	B.M. 210-5
					+286	471		37	SPUNKY CN. RD. AT CULVERT 2.00
					-3277	397			SEE F.B. 3734-121
B.M. 210-5									

F.B. 2481 Pg. 238

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES STROUD 11-26-69

INDEXED [illegible] DATE

JOB NO. 0301.02

WEATHER CLEAR INST. NO. 96716

TIME 12:50 ROD NO. 95896

NOTES CHKD [illegible] DATE [illegible]

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 Maldonado
NOTES BY C.E. Dreier
DATE 11-20-69
WEATHER Cloudy & windy
TIME 2:30 to 3:10
ROD NO. 95191
INSTR. NO. 96816
T-580
F.B. 2481 PG. 239

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											From BM 210-6 To BM 210-7
BM 210-6				302					23		BM 210-6
1	286	111	587 5	270	32	8 475	309 5	8	½	30	Spunky Cyn. Rd. & Culvert #2.28
											See F.B. 3734-128
2	300	050	601 5	300 289 ½	22	6 509	307 5	15 6	½	18	
3	295	309	596 5	303 287	54 16	36 371	337 5	46 26		48 20	
4	287	210	588 5	297 277	70 20	8 743	309 5	17 8	½	68 18	
5	300	910	601 5	307 293 ½	90 14	10 342	311 5	18 2		86 16	T-Siemann
6	297	498	598 5	304 290	104 14	15 028	316 5	23 7		102 16	
7	298	374	599 5	306 290	118 16	5 399	306 5	14 5	½	118 18	
8	291	314	592 5	300 282	134 18	29 400	330 5	37 19		136 18	
9	300	870	601 5	300 290 ½	152 20	9 732	310 5	18 0		154 18	
10	288	062	589 5	296 280	172 10	33 421	334 5	42 24		172 18	
11	301	711	602 5	301 293 ½	188 16	8 660	309 5	16 0		190 16	
12	181	771	482 5	182 180	204 2	126 931	427 5	128 124		206 4	
					206					210	
										206	BM 210-7
	~~327 446~~					~~266 540~~				416	Spunky Cyn. Rd. & Culvert #2.50
BM 210-7	342 217					299 011					See F.B. 3734-128
	+ 289 011										
	+ 3130 206			(+3130.206)							

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 210-7 TO 210-6
B.M. 210-7									B.M. 210-7
1	12	321	313.5	18 / 6 / 12	265	101	566.5	271 / 259 / 12	SPUNKY CN. RD. AT CULVERT 2.50
2	17	519	318.5	28 / 6 / 22	298	440	599.5	298½ / 287½ / 22	SEE F.B. 3734-125
3	7	548	308.5	17½ / 7½ / 34 / 20	296	513	597.5	304 / 288 / 34 / 16	
4	19	449	320.5	27 / 11 / 54 / 26	291	037	592.5	302 / 280 / 50 / 22	
5	19	352	320.5	26 / 12 / 80 / 14	278	699	579.5	284 / 272 / 72 / 12	
6	11	929	312.5	17 / 5 / 84 / 12	265	700	566.5	271 / 259 / 84 / 12	π-Siemann
7	8	681	309.5	18½ / 8½ / 96 / 20	296	951	597.5	304 / 288 / 96 / 16	
8	16	401	317.5	24 / 8 / 116 / 16	299	250	600.5	299½ / 288½ / 112 / 22	
9	8	230	309.5	16 / 0 / 132 / 16	299	882	600.5	306 / 292 / 134 / 14	
10	7	281	308.5	15½ / 7½ / 148	231	757	532.5	239 / 223 / 148 / 16	
11	19	559	320.5	28 / 10 / 164 / 18	254	361	555.5	263 / 245 / 164 / 18	
12	39	230	340.5	47 / 31 / 182 / 16	223	545	524.5	231 / 215 / 182 / 16	
13	126	878	427.5	129 / 123 / 198 / 6	143	373	444.5	145 / 141 / 198 / 4	
				204	3454	609		202	B.M. 210-6
	+314	378		−	3444			204	SPUNKY CN. RD. AT CULVERT 2.28
				+	314	378		406	SEE F.B. 3734-123
B.M. 210-6				−	3130	231			

T-60°

WEATHER Overcast & windy INST. NO. 96716

TIME 10:50 to ROD NO. 95 & 96

NOTES CHKD [illegible] DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 11-26-69

INDEXED [illegible] DATE

F.B. 2481 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 210-7 TO BM 210-8
BM210-7				269				15 ½	BM 210-7
1	259	502	560 5	249 20	5	320	306 5	5 20	Spunky Cyn. Rd. & Culvert # 2.50
				300 ½				45	See F.B. 3734-125
2	300	050	601 5	290 20	39	488	340 5	31 14	
				290 40				18 34	
3	281	582	582 5	272 18	6	921	307 5	6 ½ 24	
				301 58				30 58	
4	301	303	602 5	291 ½ 20	20	372	321 5	10 20	
				258 78				72 78	
5	248	608	549 5	238 20	61	674	362 5	50 22	
				298 98				49 100	T-Siemann
6	288	496	589 5	278 20	39	422	340 5	29 20	
				301 118				67 120	
7	301	076	602 5	280 ½ 42	46	778	347 5	25 42	
				244 160				162 162	
8	235	085	536 5	226 18	153	100	454 5	144 18	
				178				180	
								178	
	+2215	702			373	075		358	
	373	075							
	+1842	627							
BM 210-8									BM210-8
									Spunky Cyn. Rd. & C.F.D. Pole # 5833
									See F.B. 3734-127

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-21-69

INDEXED [redacted] DATE [redacted]

WEATHER Sunny & TIME 9:25 to 10:00

NOTES CHKD [illegible] DATE [illegible]

INST. NO. 96716

ROD NO. 95696

T-66°

F.B. 2481 Pg 241

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 210-8 TO 210-7
B.M. 210-8									B.M. 210-8
1	120	302	421 5	134 106 28	267	874	568 5	280 254 26	SPUNKY CN RD, AT SUMMIT
									SEE F.B. 3734-127
2	~~64~~ 65	060	366 5	81 49 32	239	600	540 5	255 223 32	
3	29	491	330 5	40 18 60 22	296	491	597 5	307 285 58 22	
4	18	082	319 5	32 4 82 28	296	890	597 5	296½ 284½ 80 24	
5	12	088	313 5	22 2 110 20	299	132	600 5	299½ 286½ 104 26	π-Siemann
6	12	179	313 5	22 2 130 20	291	157	592 5	301 281 130 20	
7	23	326	324 5	31 15 150 16	286	583	587 5	295 277 150 18	
8	69	151	370 5	76 62 166 14	214	569	515 5	220 208 168 12	
				180				180	
								180	
	+ 349	679			- 2192	296		360	
					+ 349	679			
B.M. 210-7					- 1842	617			B.M. 210-7
									SPUNKY CN. RD. AT CULVERT # 2.50
									SEE F.B. 3734-125

T-60°

WEATHER Overcast & Lt. Wind. INST. NO. 96716

TIME 10:20 to 10:50 ROD NO. 95296

NOTES CHKD [illegible] DATE JAN 19 '70

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY Dreier NOTES Maldonado 11-26-69

INDEXED [illegible] DATE

F.B. 2481 Pg. 242

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. DEEIER WEATHER CLEAR INST. NO 96710
NOTES BY SIEMANN DATE 11-24-69 TIME 10:15 TO 11:10 ROD NO. 95896
T = 64°
F.B. 2481 Pg. 243

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS From 210-8 To 210-9
B.M. 210-8											B.M. 210-8
1	242	636	543	5	268 / 216 / 52	181	001	482	5	207 / 155 / 52	SPUNKY CN. RD. & F.O.P. # 5833
											SEE F.B. 3734-127
2	16	187	317	5	27 / 5 / 22	290	059	591	5	301 / 279 / 22	
					74					74	
3	83	221	384	5	109 / 57 / 52	128	012	429	5	155 / 101 / 54	
					126					128	
4	91	096	392	5	103 / 79 / 24	290	209	591	5	290 / 278 / 24	
					150					152	T = MALDONADO
5	21	834	322	5	27 / 15 / 12	264	133	565	5	270 / 258 / 12	
					162					164	
6	29	243	330	5	37 / 21 / 16	237	181	538	5	245 / 229 / 16	
					178					180	
7	23	008	324	5	32 / 14 / 18	264	261	565	5	272 / 256 / 16	
					196					196	
8	45	491	346	5	57 / 33 / 24	258	049	559	5	267 / 247 / 20	
					220					216	
9	12	831	313	5	24 / 0 / 24	293	350	594	5	308 / 279 / 29	
10	10	602	311	5	22 / -2 / 24	286	411	587	5	298 / 274 / 24	
					244 / 24 / 268					269	
11	16	811	317	5	24 / 8 / 16	269	656	570	5	276 / 262 / 14	
					284					283	
12	11	109	312	5	18 / 4 / 14	299	648	600	5	307 / 292 / 15	
					298					298	
13	10	621	311	5	21 / 10 / 22	300	529	601	5	300 / 286 / 28	
					320					326	
14	54	941	355	5	63 / 45 / 18	278	247	579	5	284 / 272 / 12	B.M. 210-9
					338					338	
15	41	174	342	5	50 / 32 / 18	167	500	468	5	172 / 158 / 18	SPUNKY CN. RD. & CULVERT # 3.19
					356					356	SEE F.B. 3734-129
B.M. 210-9										356	
	+710805					-3808246				712	
						+710805					
						-3097441					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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.210-9 TO B.M.210-8
B.M.210-9									B.M.210-9
1	265	942	566 5	282 248 34	16	812	317 5	34 16 36	SPUNKY CN.RD AT CULVERT #3.19
									SEE F.B.3734-129
2	285	110	586 5	296 274 22	14	148	315 5	24 4 20	
3	299	590	600 5	254 290 56 18	8	461	309 5	17 8 56 24	
				74				78	
4	285	498	586 5	290 280 10 84	32	874	333 5	39 25 14	
5	292	504	593 5	300 284 16	47	839	348 5	52 42 92 10	
				100				102	
6	271	127	572 5	286 256 30	22	941	323 5	36 8 28	
7	298	831	599 5	298 286 130 24	24	160	325 5	36 12 230 24	π = MALDONADO
				154				154	
8	286	486	587 5	299 273 26	27	401	328 5	39 15 24	
9	278	347	579 5	287 269 180 18	9	291	310 5	18 0 178 18	
				198				196	
10	280	824	581 5	289 271 18	14	549	315 5	21 7 14	
11	298	461	599 5	298 285 216 26	57	910	358 5	75 39 210 36	
				242				246	
12	18	308	319 5	33 3 30	144	621	445 5	158 130 28	
				272				274	
13	229	831	530 5	243 215 28	60	982	361 5	74 46 28	
				300				302	
14	293	127	594 5	306 280 26	63	485	364 5	75 51 24	
15	169	177	470 5	191 149 326 42	210	295	511 5	232 188 326 44	
				368				370	
								368	
	+3853	163			755	719		738	B.M.210-8
	−755	719							SPUNKY CN.RD. AT SUMMIT
B.M.210-8	+3097	444							SEE F.B.3734-127

T = 64°

WEATHER BREEZY INST. NO. 96716

TIME 2:30 TO 3:15 ROD NO. 95896

NOTES CHKD. [signature] DATE

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-25-69

INDEXED C.L. GALLI DATE

F.B. 2481 PG. 244

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 64°
SURVEY BY G.E. DREIER WEATHER CLEAR INST. No 96716
NOTES BY SIEMANN DATE 11-21-69 TIME 11:10 TO ROD NO. 75886
INDEXED [redacted] DATE [redacted] NOTES CHKD DATE
F.B. 2481 Pg 245

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS From 210-9 To 210-10
B.M. 210-9							B.M. 210-9
1	31 783	332 5	48 14 34	261 288	562 5	279 243 36	SPUNKY CN. RD. & CULVERT #3. SEE F.B. 3734-129
2	43 401	344 5	58 28 30	202 644	503 5	217 187 30	
3	126 398	427 5	64 142 110 32	288 757	589 5	66 304 272 32	
4	11 932	312 5	96 ✓24 26	238 666	539 5	98 251 26	
5	18 620	319 5	122 ✓11 35 1 34	248 910	549 5	225 124 265 231 34	
6	8 652	309 5	156 ✓20 2 8 24	288 160	589 5	158 298 278 20	T = MALDONADO
7	13 603	314 5	180 23 3 20	297 199	598 5	178 308 286 22	
8	8 724	309 5	200 14 2 12	240 781	541 5	200 247 233 14	
9	122 890	423 5	125 212 119 6	210 193	511 5	214 212 208 4	
210-10			218			218	
	+ 386 003			− 2276 598		218 436	
				− 386 003			
				− 1890 595			
							B.M. 210-10 SPUNKY CN. RD. & CULVERT #3.45 SEE F.B. 3734-131

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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 210-10 TO B.M. 210-9
B.M. 210-10									B.M. 210-10
1	291	272	592 5	300 282 18	11	136	312 5	20 2 18	SPUNKY CN. RD. AT CULVERT 3.45
									SEE F.B. 3734-131
2	282	338	583 5	290 274 16	9	061	310 5	18 0 18	
				34				36	
3	297	044	598 5	308 286 22	5	636	306 5	17 5 24	
				56				60	
4	252	944	553 5	265 239 26	79	834	380 5	92 66 26	
				82				86	
5	246	781	547 5	258 234 24	44	197	345 5	57 31 26	
				106				112	π = MALDONADO
6	294	619	595 5	307 281 26	38	859	339 5	51 25 26	
				132				138	
7	195	500	496 5	213 177 36	6	761	307 5	27 6 42	
				168				180	
8	263	222	564 5	284 242 42	37	623	338 5	53 21 32	
				210				212	
								210	
	+2123	720			-233	107		422	
	- 233	107							
	+1890	613							
B.M. 210-9									B.M. 210-9
									SPUNKY CN. RD. AT CULVERT 3.19
									SEE F.B. 3734-129

T = 64°

WEATHER CLEAR INST. NO. 96716

TIME 1:50 TO 2:25 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-25-69

INDEXED C. J. GALLI DATE

F.B. 2481 PG. 246

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM210-10 TO BM210-11
BM 210-10				46				300	BM 210-10
1	31	889	332 5	16 30	300	950	601 5	287½ 26	Spunky Cyn. Rd. & ~~300' ± S'E. of~~ Culvert # 3.45
				27				301	
2	20	072	321 5	11 16	301	643	602 5	291½ 20	See F.B. 3734-131
				22 46				298 46	
3	14	166	315 5	6 16	298	100	599 5	290½ 16	
				54				286 62	
4	41	822	342 5	28 62	274	953	575 5	260 26	
				26 88				299 88	
5	~~31~~ 33	573	334 5	45 21 24	299	965	600 5	288½ 22	
				24 112				302 110	
6	13	990	314 5	2 22	293	734	594 5	284 18	K-Stroud
				21 134				290 128	
7	11	066	312 5	1 20	277	643	578 5	264 26	
				35 154				279 154	
8	23	536	324 5	11 24	267	015	568 5	255 24	
				44 178				299 178	
9	33	376	334 5	22 22	288	628	589 5	277 22	
				14 200				295 200	
10	7	369	308 5	0 14	288	220	589 5	281 14	
				24 214				285 214	
11	16	070	317 5	8 16	277	718	578 5	269 16	
				130 230				198 230	
12	117	280	418 5	104 26	186	900	487 5	174 24	
				256				254	
								256	
								510	
	+364	209			3355	469			
					+364	209			BM 210-11
BM210-11					-2991	260			Spunky Cyn. Rd. & Campground "Spunky" & Culvert # 3.74 See F.B. 3734-133

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-21-69

INDEXED C.L. GALLI DATE JAN 21 70

WEATHER Sunny & Calm INST. NO. 96716

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

NOTES CHKD [signature] DATE JAN 19 70

T-65°

F.B. 2481 PG 247

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 210-11 TO B.M. 210-10
B.M. 210-11				204				90	B.M. 210-11
1	192	013	493 5	180 24	78	728	379 5	66 24	SPUNKY CN RD AT SPUNKY CAMPGROUND.
2	291	425	592 5	304 278 26	15	630	316 5	26 4 22	SEE F.B. 3734-133
3	282	637	583 5	288 50 276 12	28	120	329 5	36 46 20 16	
4	295	228	596 5	304 62 286 18	51	291	352 5	60 62 42 18	
5	238	638	539 5	250 80 226 24	17	555	318 5	29 80 5 24	π-Stroud
6	283	467	584 5	298 104 268 30	8	250	309 5	22 104 8 ½ 28	
7	280	718	581 5	286 134 274 12	25	968	326 5	34 132 16 18	
8	295	100	596 5	304 146 286 18	55	072	356 5	63 150 47 16	
9	278	938	579 5	294 164 262 32	26	020	327 5	41 166 11 30	
10	281	508	582 5	290 196 272 18	17	502	318 5	26 196 8 18	
11	267	530	568 5	273 214 261 12	47	623	348 5	54 214 40 14	
12	292	380	593 5	301 226 283 18	43	610	344 5	51 228 35 16	
13	210	080	511 5	218 244 202 16	83	120	384 5	91 244 75 16	
				260				260	
								260	B.M. 210-10
	+3489	662			498	489		520	SPUNKY CN. RD. AT CULVERT 3.45
B.M. 210-10	498	489							SEE F.B. 3734-131
	+2991	173							

T-66°

F.B. 2481 PG. 248

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 11-25-69

INDEXED C.J. GALLI DATE

WEATHER Sunny & Lt. Wind INST. NO. 96716

TIME 12:45 ROD NO. 95896

NOTES CHKD [illegible] DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier DATE 11-21-69 WEATHER Sunny & Calm INST. NO. 96716
NOTES BY Waldonado TIME 2:05 to 3:10 ROD NO. 95896
INDEXED C.A. CADI DATE JAN 21 NOTES CHKD DATE
F.B. 2481 PG. 88 89
T-66°

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											From BM 210-11 to BM 210-12
BM 210-11											BM 210-11
1	17 788		318 5	34 0	34	301 336		602 5	301 284½	34	Spunky Cyn. Rd. & Campground "Spunky" & Culvert #3.74
2	13 055		314 5	27 -1	28	291 480		592 5	305 277	28	See F.B. 3734-133
3	25 889		326 5	36 14	62 22	301 353		602 5	301½ 290½	62 22	
4	16 755		317 5	27 5	84 22	300 193		601 5	300½ 291½	84 18	
5	11 352		312 5	20 2	106 18	277 255		578 5	289 265	102 24	
6	11 040		312 5	23 -1	129 24	300 954		601 5	300 289½	126 22	π-Stroud
7	5 153		306 5	16 5½	148 22	298 238		597 5	298 288½	148 20	
8	7 898		308 5	19 7½	170 24	295 025		596 5	306 284	168 22	
9	26 048		327 5	36 16	194 20	299 370		600 5	299 288½	190 22	
10	31 792		332 5	44 18	214 26	280 385		581 5	295 265	212 30	
11	25 283		326 5	40 10	240 30	290 232		591 5	305 275	242 30	
12	14 938		315 5	29 14½	270 30 380	232 3		533 5	247 217	272 30 302 380	
	+206991					-3468161				602	BM 210-12 DESCONOCIDO
BM 310-12						206991					Spunky Cyn. Rd. & W. of CALLE
						-3261170					See F.B. 3734-135

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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 210-12 TO 210-11
B.M. 210-12				271				28 1	B.M. 210-12
1	253	087	554 5	235 36	11	583	312 5	11 ½ 34	SPUNKY CN. RD. & CALLE DESCONOCIDO
2	297	739	598 5	297 1 / 280 ½ 34	11 / 4	188	312 5	28 1 / 11 ½ 34	SEE F.B. 3734-135
3	300	625	601 5	300 70 / 287 ½ 26	8	383	309 5	21 68 / 8 ½ 26	
4	301	803	602 5	301 96 / 288 ½ 26	12	551	313 5	24 94 / -1 25	
5	294	531	595 5	304 122 / 284 20	9	240	310 5	21 119 / 9 ½ 24	X-Stroud
6	276	242	577 5	287 142 / 265 22	19	110	320 5	30 143 / 8 22	
7	301	822	602 5	301 1 164 / 292 ½ 18	5	290	306 5	15 165 / 5 ½ 20	
8	301	599	602 5	301 182 / 292 ½ 18	16	357	317 5	25 185 / 7 18	
9	299	131	600 5	299 200 / 291 ½ 16	54	180	355 5	63 203 / 45 18	
10	265	178	566 5	273 216 / 257 16	44	280	345 5	52 221 / 36 16	
11	277	772	578 5	285 232 / 269 16	64	306	365 5	73 237 / 55 18	
12	253	849	554 5	272 248 / 234 38	21	620	322 5	36 255 / 6 30	
13	192	370	493 5	198 286 / 186 12	76	663	377 5	82 285 / 70 12	B.M. 210-11
	+36	159 48		298	-35	47 51		297	SPUNKY CN. RD. AT SPUNKY CAMPGROUND
B.M. 210-11	35	47 51						298	SEE F.B. 3734-133
	+32	60 997						595	

T-60°

WEATHER Sunny & Lt. Wind INST. NO. 96716

TIME 10:30 ROD NO. 95896

NOTES CHKD [signature] DATE

F.B. 2481 PG. 251 250

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY BREIER NOTES Maldonado 11-25-69

INDEXED C.J. BALL DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 210-12 TO B.M. 210-13
B.M. 210-12									B.M. 210-12
1	11	619	312 5	22 0 22	246	157	547 5	257 235 22	SPUNKY CN. RD. & CALLE DESCONOCIDO
									SEE F.B. 3734-135
2	23	459	324 5	37 9 28 50	259	601	560 5	273 245 28 50	
3	19	308	320 5	36 2 34 84	285	521	586 5	302 268 34 84	
4	13	402	314 5	31 ½ 13 36 120	286	678	587 5	303 269 34 118	π = MALDONADO
5	11	448	312 5	30 ½ 11 38 158	270	813	571 5	289 251 38 156	
6	154	890	455 5	177 131 46 204	292	616	593 5	292 271 42 198	
7	13	600	314 5	28 -2 30 234	294	071	596 5	294 276 38 236	
8	22	739	323 5	42 2 40 274	276	102	577 5	296 256 40 276	
9	25	838	326 5	48 2 46 320	296	962	597 5	296 273 46 322	
10	18	039	319 5	36 0 36 356	168	516	469 5	185 151 34 356	
11	154	442	455 5	177 131 46 402	15	511	316 5	138 215 46 408	B.M. 210-13
12	253	383	554 5	260 246 14 416	53	240	354 5	61 45 16 418	SPUNKY CN. RD. & CALLE CASCARRON
								416	SEE F.B. 3734-137
B.M. 210-13									
	+722	167			-2746	788		834	
					+722	167			
					-~~2243~~	~~621~~			
					-2024	621			

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 11-24-69

INDEXED C.J. GAULT DATE [illegible]

WEATHER CLEAR

TIME 9:40 TO 10:20

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95896

F.B. 2481 PG. ~~252~~ 251

T. 60°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2481 PG. 85 82 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DEELER NOTES SIEMANN 11-25-69

INDEXED C.L. GATTI DATE

WEATHER BREEZY INST. NO. 96716

TIME 9:30 TO ROD NO. 75596

NOTES CHKD. DATE

T = 62°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM 210-13 TO 210-12
B.M. 210-13									B.M. 210-13
1	17 673	318	5	29 5 24	254 363	555	5	266 242 24	SPUNKY CN. RD. & CALLE CASCARRON
									SEE F.B. 3734-137
2	48 628	349	5	75 21 54	154 849	455	5	180 128 52	
3	261 599	562	5	276 246 30 78	27 022	328	5	42 12 30 76	
4	293 564	594	5	293 270 46 108	15 736	316	5	138 215 46 106	
5	300 359	601	5	300 276 48 154	8 169	309	5	227 28 38 152	
6	284 939	585	5	299 269 30 202	9 671	310	5	226 9 36 190	
7	226 483	527	5	241 211 30 232	156 140	457	5	175 137 38 226	T = MALDONADO
8	200 201	501	5	215 185 30 262	39 433	340	5	54 24 30 264	
9	286 699	587	5	303 269 34 292	34 882	335	5	49 19 30 294	
10	278 872	579	5	293 263 30 326	43 171	344	5	58 28 30 324	
11	288 699	589	5	305 271 34 356	6 938	307	5	124 6 36 354	
12	282 386	583	5	297 267 30 390	30 249	331	5	45 15 30 390	
13	136 980	437	5	138 134 4 420	101 924	402	5	103 99 4 420	
								424	B.M. 210-12
								424	SPUNKY CN. RD. W. OF CALLE DESCONOCIDO
								848	SEE F.B. 3734-135
B.M. 210-12	+ 2 907 082				882 547				
	− 882 547								
	+ 2 024 435								

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 210-13 TO B.M. 210-14
B.M. 210-13									B.M. 210-13
1	25	191	328 5	39 15 24	295	392	596 5	308 282 26	SPUNKY CN. RD. & CALLE CASCARRON
									SEE F.B. 3734-137
2	40	297	341 5	53 27 26	278	078	579 5	291 265 26	
				50				52	
3	5	799	306 5	½ 15 5 20	300	228	601 5	½ 300 290 20	
				70				72	
4	6	689	307 5	½ 16 6 20	295	167	596 5	305 285 20	
5	13	580	314 5	28 -2 90	300	110	601 5	½ 300 284 32	
				30					
				120				124	
6	65	663	366 5	87 43 44	243	099	544 5	265 221 44	π = MALDONADO
				164				168	
7	8	082	309 5	½ 31 8 46	274	467	575 5	295 253 42	
				210				210	
8	20	902	321 5	40 0 40	271	564	572 5	290 252 38	
				250				248	
9	24	539	325 5	45 3 42	272	026	573 5	293 251 42	
				292				290	
10	59	317	360 5	73 45 28	168	167	469 5	182 154 28	
~~11~~				320				318	
210-14								320	
	+272	059			-2698	298		638	
					+272	059			B.M. 210-14
					-2426	239			SPUNKY CN. RD. & HO. # 15907
									SEE F.B. 3734-139

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 11-24-69

INDEXED C.J. SALLI DATE [illegible] 21

WEATHER CLEAR INST. NO. 96716

TIME 10:20 TO 11:00 ROD NO. 95896

NOTES CHKD. [illegible] DATE

T = 62°

F.B. 2481 PG. 253

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2481 Pg. 254 | JOB NO. 030162 | SURVEY OF L.A. Co. PRECISE LEVELNET | SURVEY BY DREIER | NOTES SIEMANN 11-24-67 | INDEXED B.H. GALLI | DATE

WEATHER CLEAR | TIME 2:30 TO 3:15 | NOTES CHKD | INST. NO. 96716 | ROD NO. 95896 | DATE

T=64°

STATION	BACKSIGHT Right	Mic.	Left	Mic.	Stadia	FORESIGHT Right	Mic.	Left	Mic.	Stadia	DESCRIPTION AND REMARKS
											FROM B.M. 210-14 TO B.M. 210-13
B.M. 210-14											B.M. 210-14
1	168	406	469	5	181 155 26	39	641	340	5	53 25 28	SPUNKY CN. RD AT S.E. COR. OF FIRE LOT
											SEE F.B. 3734-139
2	261	284	562	5	281 241 40	47	064	348	5	66 28 38	
					66					66	
3	289	883	590	5	289 266 46	13	080	314	5	37 13 48	
					112					114	
4	294	723	595	5	294 270 48	9	080	310	5	33 9 48	
					160					162	
5	235	652	536	5	254 216 38	27	431	328	5	48 6 42	
					198					204	
6	297	765	598	5	297 278 38	5	009	306	5	19 5 28	
					236					232	
7	299	151	600	5	299 290 18	9	556	310	5	20 9 22	T = MALDONADO
					254					254	
8	299	773	600	5	307 291 16	38	717	339	5	47 29 18	
					270					272	
9	299 ~~458~~ 829		~~600~~ 598	5	297 284 26	~~23~~ 48 389		349	5	61 35 26	
					296					298	
10	218	871	519	5	228 208 20	22	821	323	5	32 12 20	
					316					318	
11	165	487	466	5	168 162 6	141	821	442	5	143 139 4	
					322					322	
										322	
										644	
	+ 2828 824					402 609					
B.M. 210-13	− 402 609										B.M. 210-13
	+ 2426 215										SPUNKY CN. RD. & CALLE CASCARRON
											SEE F.B. 3734-137

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM210-14 TO BM210-15
BM210-14							BM210-14
			60			242	S Punky Cyn. Rd. & Ho. #15907
1	47 868	348 5	34 26	229 790	530 5	216 26	See F.B. 3734-139
			40			289	
2	14 688	315 5	14 ½ 52	289 548	590 5	263 52	
			51 78			301 78	
3	21 885	322 5	21 ½ 60	301 078	602 5	271 ½ 60	
			260 138			110 138	
4	231 677	532 5	202 58	81 288	382 5	52 58	
			244 196			29 196	
5	215 152	516 5	58	6 528	307 5	6 ½ 46	T-Stroud
			188 254			48 242	
6	248 551	549 5	258 238 20	34 981	335 5	20 28	
			295 274			24 270	
7	295 212	596 5	280 ½ 30	7 830	308 5	7 ½ 34	
			294 304			35 304	
8	284 840	585 5	274 20	25 492	326 5	15 20	
			275 324			68 324	
9	267 832	568 5	259 16	60 260	361 5	52 16	
			156 340			34 340	
10	153 232	454 5	150 6	30 412	331 5	26 8	
			346			348	
						346	
	+1780 937			-1067 207		694	BM 210-15
	-1067 207						S Punky Cyn. Rd., & San Francisquito Cyn. Rd.
BM 210-15	+713 730						See F.B. 3734-141

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado

INDEXED O.K. GALLI

DATE JAN 21 70

DATE 11-24-69

WEATHER Sunny & Hot 78

TIME 11:10 to 12:15

NOTES CHKD L.L.

DATE

INST. NO. 96716

ROD NO. 95-896

T-66°

F.B. 2481 PG. 255

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2481 Pg. 256 | JOB NO. 0301.02 | SURVEY OF LA Co. Precise Level Net 11-24-69 | SURVEY BY Dreier | NOTES Maldonado | INDEXED R.R. GALL | DATE

WEATHER Sunny & Breeze | INST. NO. 96776 | TIME 1:20 | ROD NO. 0-E-92 | NOTES CHKD. | DATE

T-66°

STATION	BACKSIGHT Right	Mic.	Left	Mic.	Stadia	FORESIGHT Right	Mic.	Left	Mic.	Stadia	DESCRIPTION AND REMARKS
											From BM210-15 To BM210-14
BM210-15											BM210-15
					30					256	Spunky Cyn. Rd. & San Francisquito
1	22	483	323	5	14 16	248	925	549	5	240 16	Cyn. Rd.
					25					300	See F.B. 3734-141
2	~~24~~ 14	056	315	5	3 22	300	780	601	5	288 24	
					34 38					296 40	
3	23	202	324	5	12 22	284	485	585	5	272 24	
					68 60					267 64	
4	56	965	357	5	44 ~~29~~ 22	256	113	557	5	245 ~~28~~	
					35 84					288 86	
5	18	858	319	5	1 34	288	116	589	5	271 34	X-Stroud
					142 118					250 120	
6	117	206	418	5	92 50	227	550	528	5	204 46	
					129 168					153 166	
7	99	637	400	5	69 60	123	805	424	5	93 60	
					290 ~~3~~28					56 ~~3~~26	
8	267	438	~~4~~68	5	244 46	33	965	334	5	10 46	
					291 ~~3~~24					46 ~~3~~22	
9	291	602	592	5	266½ 50	21	585	322	5	21½ 50	
					232 ~~3~~24					74 ~~3~~22	
10	221	128	522	5	210 22	61	210	362	5	48 26	
					~~3~~46					~~3~~48	
										~~3~~46	
										~~3~~94	
	+ 1132	575								6	
					- 1846	534					BM210-14
					+ 1132	575					Spunky Cyn. Rd. & Ho. #15907
					- 713	959					See F.B. 3734-139
BM210-14											

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER WEATHER WINDY INST. NO. 86716

NOTES BY SIEMANN DATE 11-28-69 TIME 1:35 TO 3:00 ROD NO. 95196

INDEXED [redacted] GALLI DATE JAN 21 '70 NOTES CHKD DATE

F.B. 2481 PG. 257

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 210-15 TO 210-16
B.M. 210-15							B.M. 210-15
1	234 975	535 5	253 215 38	14 221	315 5	29 -1 30	SPUNKY CN. RD. & SAN FRANCISQUITO CN. RD.
							SEE F.B. 3734-141
2	297 713	598 5	297 281 24	39 400	340 5	55 23 32	
			62			62	
3	213 462	514 5	231 195 36	85 634	386 5	102 68 34	
			98			96	
4	213 349	514 5	232 194 38	156 672	457 5	175 137 38	
			136			134	
5	220 279	521 5	251 189 62	11 130	312 ~~314~~ 5	140 ~~138~~ 58	T = STROUD
			198			192	
6	280 142	581 5	291 269 22	11 861	312 5	25 11 28	
			220			220	
7	296 072	597 5	307 285 22	10 592	311 5	20 0 20	+ 3795.734
			242			240	- 607.166
8	299 410	600 5	299 289 20	18 537	319 5	28 8 20	+ 3188.568
			262			260	
9	294 713	595 5	306 282 24	14 588	315 5	27 1 26	
			286			286	
10	276 445	577 5	290 262 28	97 578	398 5	110 84 26	
11	160 122	461 5	184 136 48	11 335	312 5	35 11 ~~48~~	
			314			310	
12	297 112	598 5	299 285 24	22 170	323 5	35 9 26	
			362			360	
13	301 411	602 5	301 291 20	20 593	321 5	30 10 20	
			386			386	
14	291 700	592 5	302 280 22	13 960	315 5	24 4 20	
			406			406	
15	118 829	419 5	120 116 4	77 895	378 5	80 74 6	
			428			426	B.M. 210-16
B.M. 210-16			432			432	SAN FRANCISQUITO CN. & CALLE MANZANITA
						432	SEE F.B. 3734-143
	3795734			607166		864	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 210-16 TO 210-15
B.M. 210-16				62				264	B.M. 210-16
~~1~~ 1	53	496	354 5	44 18	257	722	558 5	250 14	SAN FRANCISQUITO CN. RD. &
				55				256 16	CALLE MANZANITA
~~2~~ 2	47	135	348 5	39 16	248	349	549 5	240	SEE F.B. 3734 - 143
~~3~~				53 34				284 30	
3	46	640	347 5	37 16	274	692	575 5	264 20	
~~4~~				26 50				276 50	
4	13	563	314 5	12 (1/2) 26	264	192	565 5	252 24	
~~5~~				46 76				187 74	
~~6~~ 5	29	890	330 5	12 34	170	630	471 5	153 34	
				102 110				282 108	T RODRIGUEZ
6	77	826	378 5	52 50	282	983	583 5	256 1/2 52	
				24 160				200 160	
7	21	129	322 5	18 6	196	798	497 5	192 8	
				41 166				296 168	
8	31	130	332 5	21 20	296	032	597 5	286 1/2 20	
				36 186				273 188	
9	28	858	329 5	20 16	265	802	566 5	257 16	
				31 202				277 204	
10	20	022	321 5	9 22	267	508	568 5	257 20	
				48 224				268 224	
11	36	552	337 5	24 24	256	984	557 5	244 24	
				66 248				206 248	
12	48	451	349 5	30 36	189	418	490 5	172 34	
				284				282	
									~~B.M. 210-15~~
									~~SPUNKY CN. RD. & SAN FRANCISQUITO~~
									~~CN. RD~~
									~~SEE F.B. 3734-141~~

(CONT'D ON PG. #260

T = 54°

WEATHER Cloudy & Lt. Wind INST. NO. 75234 ~~96716~~

TIME 1:15 P.M. ROD NO. ~~95896~~

NOTES CHKD [illegible] DATE 9/19

F.B. 2481 PG. 258

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES B. ANDERSON 1/7/70

INDEXED G.L. GALLI DATE

F.B. 2481 Pg. 259

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

SURVEY BY Randall WEATHER Cloudy Light Wind INST. NO. 75234

NOTES BY Anderson DATE 7-JAN-70 TIME ROD NO. 9 & 19

INDEXED D.L. Gall DATE [illegible] 21 [illegible] NOTES CHKD. DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 210-16 TO B.M. 210-15
					SEE OVER FOR CONTINUATION OF BACKWARD RUN SEE Pg. 262 FOR RERUN OF this SECTION				

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. 210-16 TO B.M. 210-15
			(CONT'D FROM PG. 4 258)					282	
				168 284					
13	133	752	434.5	98 70	256	332	557.5	290 220 70	
				89 354		782		285 352	
14	72	171	373.5	55 34	285	~~548~~	586.5	268 1/2 34	
				24 388				294 386	
15	13	475	314.5	13 1/2 24	281	345	582.5	268 26	
				84 412				154 412	
16	77	360	378.5	70 14	145	792	446.5	136 18	
				426				430	
	+ 751	450			- 3940	361		426	T RODRIGUEZ
					+ 751	450		856 MTRS	
					- 3188	911			
B.M. 210-15									B.M. 210-15 SPUNKY CN. RD. & SAN FRANCISQUITO CN. RD. F.B. 3734-141

T = 54°

WEATHER CLOUDY & LT. WIND INST. NO. 75234

TIME 1:15 P.M. ROD NO. 9 & 19

NOTES CHKD [illegible] DATE [illegible]

JOB NO. 0301.02

SURVEY OF [illegible]

SURVEY BY R. ANDALL NOTES R. ANDERSON 1/7/70

INDEXED [illegible] DATE

F.B. 2481 PG. 260

F.B. 2481 PG 261

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

SURVEY BY RANDALL WEATHER CALM OVERCAST INST. NO. 75234

NOTES BY ANDERSON DATE 12-Jan-70 TIME ROD NO. 1713 A-B

INDEXED C.L. GALLI DATE [illegible] NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
									SEE NEXT PG. FOR RERUN
									B.M. 210-16 to B.M. 210-15

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. RERUN

INST. NO. 75234 ROD NO. ____ DATE ____

WEATHER CALM & OVERCAST TIME 1:10 P.M. NOTES CHKD

T = 98°

F.B. 2481 PG. 262 L.A. COUNTY PRECISE LEVELNET JOB NO. 030 1 1 0 2

SURVEY OF ____ SURVEY BY RANDALL NOTES R. ANDERSON INDEXED ____ DATE ____

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA
B.M. 210-16								
1	45	240	346 5	53 / 37 / 16	244	378	545 5	252 / 236 / 16
2	55	221	356 5	64 / 46 / 18	262	007	563 5	270 / 254 / 16
3	31	959	332 5	40 / 22 / 18	259	667	560 5	267 / 251 / 16
4	5	725	306 5	18 / 5(1/2) / 52 / 26	283	239	584 5	296 / 270 / 26
5	57	202	358 5	72 / 42 / 30	182	419	483 5	198 / 166 / 32
6	97	739	398 5	122 / 72 / 50	292	~~99~~ 698	593 5	292 / 266 (1/2) / 106 / 52
7	21	609	322 5	24 / 18 / 158 / 4	196	605	497 5	200 / 192 / 158 / 8
8	38	627	339 5	48 / 28 / 164 / 20	284	361	585 5	294 / 274 / 166 / 20
9	19	211	320 5	27 / 11 / 184 / 16	275	678	576 5	283 / 267 / 186 / 16
10	32	896	333 5	42 / 22 / 200 / 20	279	702	580 5	290 / 268 / 202 / 22
11	46	181	347 5	59 / 33 / 220 / 26	266	837	567 5	278 / 254 / 224 / 24
12	64	672	365 5	82 / 46 / 246 / 36 / 282	205	762	506 5	222 / 188 / 248 / 34 / 282

DESCRIPTION AND REMARKS

FROM B.M. 210-16 TO B.M. 210-15

B.M. 210-16
SAN FRANCISQUITO CN. RD
& CALLE MANZANITA
F.B. 3734-143

T RODRIGUEZ
RERUN

(CONT'D TOP OF PG. 263)

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. RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
				(CONT'D	FROM		BOT.	PG. 262)	FROM B.M. 210-16 TO B.M. 210-15
				282				282	
				178				300	
13	142	902	443 5	106 72	265	299	566 5	230 70	RERUN (CONT.)
				97 354				295 352	
14	80	910	381 5	63 34	295	960	596 5	278 (1/2) 34	
				42 388				296 386	
15	30	128	331 5	18 24	296	897	597 5	282 (1/2) 28	
				98 412				166 414	
16	90	902	391 5	82 16	158	262	459 5	150 16	
				428				430	
B.M. 210-15	+861	124			-4049	771		428	B.M. 210-15
					+861	124		858	SPUNKY CYN. RD. & SAN FRANCISQUITO CYN. RD.
					-3188	647			F.B. 3734-141

T = 50°

CALM

F.B. 2481 PG. 263

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

SURVEY BY J. RANDALL

WEATHER OVERCAST

INST. NO. 75234

NOTES BY ANDERSON DATE 12-JAN-'70 TIME ROD NO. 1713 A-B

INDEXED C.L. GALLI DATE JAN 21 '70 NOTES CHKD. [signature] DATE [illegible]

T RODRIGUEZ

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM 210-16 TO 210-17
B.M. 210-16							B.M. 210-16
1	286 078	587 5	300 / 272 28	12 400	313 5	1/2 26 / 12 28	SAN FRANCISQUITO CN. RD. & CALLE MANZANITA.
2	297 849	598 5	308 / 286 22 / 50	25 912	326 5	36 / 14 22 / 50	SEE F.B. 3734-143
3	295 409	596 5	1/2 295 / 279 32 / 82	7 993	308 5	1/2 22 / 7 30 / 80	
4	254 852	555 5	267 / 241 26 / 108	65 320	366 5	80 / 50 30 / 110	
5	20 / 219 035	521 5	246 / 194 52 / 160	11 639	312 5	1/2 33 / 11 44 / 154	π = MALDONADO
6	229 234	530 5	236 / 222 14 / 174	39 554	340 5	50 / 28 22 / 176	
7	173 267	474 5	177 / 169 8 / 182	87 600	388	90 / 84 6 / 182	
B.M. 210-17						182 / 364	
	1756724			250418			B.M. 210-17
	250418						SAN FRANCISQUITO CN. RD. & CAMP SAN FRANCISQUITO
	+1506306						SEE F.B. 3734-145

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 58°

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

NOTES BY SIEMANN DATE 12-1-69 TIME 11:00 TO ROD NO. 95896

INDEXED C.J. GALLI DATE JAN 21 70 NOTES CHKD [illegible] DATE

F.B. 2481 PG. 265 263

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 210-17 to 210-16
B.M. 210-17											B.M. 210-17 (S.F. 34)
1	11	243	312	5	18 4 14	224	532	525	5	231 217 14	SAN FRANCISQUITO CN. RD. AT CAMP GROUND "SAN FRANCISQUITO
2	25	172	326	5	37 13 29	217	881	518	5	230 204 26	SEE F.B. 3734-145
3	79	862 ~~929~~	350	5	106 52 38 54	299	028	600	5	299 274 (½) 40 50	
4	17	366	318	5	27 7 92 20	245	248	546	5	256 234 98 22	
5	4	060	305	5	15 4 (½) 112 22	257	310	558	5	268 246 112 22	
6	18	162	319	5	28 8 134 20	241	349	542	5	250 232 134 18	T - ANDERSON
7	35	796	336	5	44 26 159 16	212	703	513	5	221 203 152 16	
					172					170	
	+	191 613			-	1698 071				172	
					+	191 613				342	MTGS
					-	1506 458					
B.M. 210-16											B.M. 210-16
											SAN FRANCISQUITO CN. RD. & CALLE MANZANITA
											SEE F.B. 3734-143

F.B. 2481 Pg. 266 264

JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES R. ODRISCOLL

INDEXED G.G. GALLI DATE

NOTES CHKD. DATE

TIME 11:30 WEATHER CLEAR WIND

ROD NO. 5 INST. NO. 96716

75234

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 12-1-69

INDEXED C.L. GALLI DATE JAN 21 70

WEATHER OVERCAST INST. NO. 96716

TIME 11:40 TO 1:30 ROD NO. 95096

NOTES CHKD [illegible] DATE

T=56°

F.B. 2481 PG 267 265

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM 210-17 TO 210-18
B.M. 210-17									B.M. 210-17 (S.F. 34)
1	116	620	417 5	122 110 12	82	998	338 5	88 76 12	SAN FRANCISQUITO CN. RD. & CAMP.
									SAN FRANCISQUITO.
2	272	711	573 5	282 262 20	49	808	350 5	59 39 20	SEE F.B. 3734 - 145
				32				32	
3	290	574	591 5	302 278 24	7	609	308 5	19 7 24	
				56				56	
4	300	989	601 5	300 290 20	8	874	309 5	18 8 20	
				76				76	
5	295	771	596 5	307 284 23	17	563	318 5	27 7 20	π = MALDONADO
				99				96	
6	267	630	568 5	276 258 18	11	598	312 5	20 2 18	
				117				114	
7	295	259	596 5	305 285 20	68	518	369 5	80 55 25	
				137				139	
8	286	398	587 5	300 272 28	35	684	336 5	49 21 28	
				165				167	
9	283	471	584 5	303 263 40	14	177	315 5	34 14 40	
				205				207	
10	264	394	565 5	277 251 26	14	486	315 5	27 1 26	
				231				233	
11	262	183	563 5	270 254 16	30	278	331 5	38 22 16	B.M. 210-18
				247				249	SAN FRANCISQUITO CN. RD. &
12	169	298	470 5	172 166 6	65	507	366 5	68 62 ~~249~~	P.P.# 29297M.
				253				255	SEE F.B. 3734 - 147
BM 210-18								253	
	3105	298			407	100		508	
	407	100							
	+2698	198							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 75234 ROD NO. 85996 DATE 7-79

WEATHER Clear, Windy TIME 1110 NOTES CHKD

T = 86°
T = 42°

F.B. 2481 Pg. 268 266 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY PREIEC NOTES Resurvey

INDEXED C.H. GALLI DATE

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									From 210-18 To 210-17
B.M. 210-18									B.M. 210-18
1	22	688	323.5	25 / 18 06	165	742	480.5	158 / 182 06	SAN FRANCISQUITO CN. RD. &
									P.P. # 29297 M.
2	33	039	334.5	41 / 25 16	240	602	591.5	248 / 232 16	SEE F.B. 3734-147
3	25	392	324.5	36 / 14 22	204	848	506.5	216 / 194 22	
4	24	381	327.5	42 / 10 32	245	870	546.5	261 / 229 32	
5	24	181	327.5	40 / 12 28	275	172	574.5	289 / 261 28	
6	13	571	314.5	28 / 13 1/2 30	294	572	595.5	299 / 279 1/2 30	
7	20	180	321.5	29 / 11 18	256	685	557.5	265 / 247 18	π = ANDERSON
8	18	350	319.5	28 / 8 20	237	070	588.5	297 / 277 20	
9	8	823	309.5	18 / 8 1/2 20	237	112	588.5	297 / 277 20	
10	14	772	315.5	23 / 5 18	234	932	535.5	243 / 225 18	
11	14	668	317.5	27 / 5 22	247	138	548.5	258 / 236 22	
12	16	211	317.5	24 / 4 20	179 / ~~180~~	958	480.5	188 / 170 18	
B.M. 210-18				252				250	B.M. 210-17 (S.F. 34)
	+	242	251	-	2939	721		252	SAN FRANCISQUITO CN. RD. &
				+	242	251		MTS: 502	CAMP SAN FRANCISQUITO
				-	2697	470			SEE F.B. 3734-145

SEE Pg. 270 For RERUN

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.

RERUN

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Rodriguez
NOTES BY Rodriguez DATE 1-9-70 WEATHER Cloudy-Fog TEMP. 75° TIME 9:45
INDEXED G.R. BATT DATE NOTES CHKD DATE INST. NO. 3234 ROD NO. 448
F.B. 24481 PG.

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									From BM 210-17 To BM 210-18
BM 210-17									BM 210-17 (S.F.34)
1	181	822	482 5	190 172 18	17	098	318 5	27 7 20	SAN FRANCISQUITO CN. Rd
									& COMP SAN FRANCISQUITO
2	244	977	545 5	255 233 22	17	018	318 5	28 6 22	F.B. 3734-145
				40				42	
3	232	805	533 5	241 223 18	12	304	313 5	21 3 18	
	279	400		58				60	
4	~~279~~	~~02~~	580 5	290 268 22	8	024	309 5	18 8(½) 20	
				80				80	
5	289	081	590 5	299 279 20	13	042	314 5	22 4 18	
				100				98	
6	266	720	567 5	274 258 16	30	062	331 5	38 22 16	
				116				114	
7	296	554	597 5	296 281(½) 30	16	307	317 5	32 16(½) 32	π = Anderson
				146				146	
8	265	299	566 5	280 250 30	14	022	315 5	28 0 28	(Rerun)
				176				174	
9	241	774	542 5	256 226 30	23	843	324 5	39 9 32	
				206				206	
10	200	911	501 5	211 189 22	20	440	321 5	30 10 20	
				228				226	
11	226	568	527 5	234 218 16	19	152	320 5	28 10 18	
				244				244	
12	170	684	471 5	173 167 06	7	141	308 5	10 4 06	
				~~250~~				250	✓
BM 210-18 +	2896	595	✓	251	198	453	✓	~~250~~	BM 210-18
-	198	453	✓					Notes: 50 P	SAN FRANCISQUITO CN. Rd &
+	2698	142	✓						P.P. # 29297M
									F.B. 3734-147

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. RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM.210-18 TO BM.210-17
BM. 210-18									B.M. 210-18
1	4	897	305 5	7 4½ 6	167	641	468 5	170 164 6	SAN FRANCISQUITO Cyn. Rd. &
									P.P. Nº 29297 M.
2	20	561	321 5	28 12 16	229	082	530 5	236 222 14	F.B. 3734-147
				22				20	
3	22	607	323 5	32 12 20	203	142	504 5	214 192 22	
				42				42	
4	21	621	322 5	36 6 30	239	741	540 5	255 223 32	
				72				74	
5	22	342	323 5	8 36 28	273	022	574 5	288 258 30	
				100				104	π - ANDERSON
6	17	834	318 5	34 17 ½ 34	298	387	599 5	298 283 ½ 30	
				134				134	(RERUN)
7	33	951	334 5	41 25 16	270	234	571 5	279 261 18	
				150				152	
8	12	422	313 5	21 3 18	281	330	582 5	291 271 20	
				168				172	
9	9	622	310 5	19 9 (1½ 20	287	725	588 5	296 278 18	
				188				190	
10	15	900	316 5	24 6 18	237	348	538 5	246 228 18	
				206				208	
11	19	738	320 5	30 8 22	249	288	550 5	259 239 20	
				228				228	
12	16	762	317 5	26 6 20	179	643	480 5	188 170 18	
BM-210-17				248				246	B.M. 210-17 (S.F. 34)
	+ 218	257		-	2916	583		248	SAN FRANCISQUITO - CYN-Rd
					+ 218	257		494	MTRS & CAMP SAN FRANCISQUITO
					- 2698	326			F.B. 3734-145

F.B. 2481 Pg. 270 868

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES RODRIGUEZ 12-Jan-70

INDEXED [illegible] DATE

WEATHER OVERCAST INST. NO. 75234

TIME 10:35 ROD NO. 1713 A-B

NOTES CHKD [illegible] DATE

F=50° F=50° CALM

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY Maldonado DATE 12-1-69 TIME 1:55 to 3:05 ROD NO. 95-896
INDEXED C. J. GALLI DATE JAN 21 70 NOTES CHKD DATE
WEATHER Sunny & windy INST. NO. 86716
T = 58°
F.B. 2481 Pg. 29

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From B.M. 210-18 To B.M. 210-19
B.M. 210-18			287			30	B.M. 210-18
1	272 829	573 5	257 30	16 429	317 5	16½ 28	SAN FRANCISQUITO CN. RD. & P.P.# 29297 M.
			297,			24,	SEE F.B. 3734-147
2	297 067	598 5	282½ 30	9 408	310 5	9½ 30	
			300, 60			30 58	
3	300 060	601 5	288½ 24	18 350	319 5	6 24	
			307 84			23 82	
4	294 452	595 5	281 26	11 727	312 5	-3 26	
			301, 110			22 108	
5	301 130	602 5	289½ 24	11 388	312 5	0 22	X-Siemann
			291 134			25 130	
6	282 100	583 5	273 18	15 250	316 5	5 20	
			301 152			20 150	
7	292 178	593 5	283 18	11 429	312 5	2 18	
			301 170			25 168	
8	291 624	592 5	281 20	15 657	316 5	5 20	
			306 190			22 188	
9	298 537	599 5	290 16	14 745	315 5	6 16	
			294 206			20 204	
10	286 903	587 5	278 16	12 188	313 5	4 16	
			301, 222			20 220	
11	301 860	602 5	292½ 18	11 102	312 5	2 18	
			300, 240			20 238	
12	300 118	601 5	292½ 16	12 551	313 5	4 16	
			297 256			19 254	
13	288 049	589 5	279 18	10 078	311 5	1 18	
			301, 274			32 272	
14	301 000	602 5	290½ 22	22 658	323 5	12 20	
			299, 296			23 292	
~~BM210~~ 15	299 168	600 5	289½ 20	12 318	313 5	1 22	~~BM 210-19~~ San Francisquito Cyn. Rd., &
			316			314	
	4407075		Cont.	205278			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Cont'd			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 210-18 TO BM 210-19
	4407075		316	205278		314	CONT.
16	280651	581 5	293 267 26	12949	313 5	25 -1 26	
17	297598	598 5	297, 342 286 2 22	20035	321 5	29 11 340 18	
18	242602	543 5	248 364 236 12	58561	359 5	67 49 358 18	
			376			376	
						376	
	5227926			296823		752	
	296823						
	+4931103						
BM 210 - 19							BM 210 - 19 San Francisquito Cyn. Rd. & House #40935 See F.B. 3734 - 149

T-58°

WEATHER Sunny & Lt. Wind INST. NO. 96716

TIME 1:55 to 3:05 ROD NO. 95896

NOTES CHKD [illegible] DATE

F.B. 2481 Pg. 272 270 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Drejex NOTES Maldonado 12-1-69

INDEXED C.L. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line. REBUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 210-18 TO B.M. 210-19
B.M. 210-18				273				28	B.M. 210-18
1	259	210	560 5	245 28	14	251	315 5	0 28	San Francisquito Cyn. Rd. @ P.P.# 29297 M.
				298 1/2				44	29297 M.
2	298	831	599 5	284 28	30	132	331 5	16 28	F.B. 3734-147
				56				56	
				304				51	
3	295	310	596 5	283 24	39	981	340 5	27 24	
				307 80				46 80	
4	297	650	598 5	287 20	35	926	336 5	24 22	
				100				102	
				301 1/2				37	
5	301	345	602 5	290 22	26	200	327 5	15 22	
				308 122				25 124	
6	298	798	599 5	288 20	15	547	316 5	5 20	
				142				144	
				302				18	
7	293	862	594 5	284 18	9	082	310 5	0 18	
				304 160				36 162	
8	294	791	595 5	284 20	26	424	327 5	16 20	
				180				182	
				300 1/2				16 1/2	
9	300	002	601 5	290 20	5	464	306 5	5 22	
				200				204	
				294				42	
10	287	222	588 5	280 14	35	964	336 5	28 14	
				306 214				30 218	
11	298	818	599 5	290 16	22	649	323 5	14 16	
				230				234	
				307				37	
12	299	602	600 5	291 16	29	155	330 5	21 16	
				306 246				31 250	
13	298	702	599 5	290 16	25	178	326 5	17 14	
				262				264	
				303				22	
14	292	322	593 5	281 22	13	725	314 5	4 18	
				307 284				30 282	
15	297	111	598 5	287 20	19	788	320 5	8 22	
				304				304	
				301 1/2				80	
BM 210-19 16	301 ~~300~~	042	602 5	289 24	68	819	369 5	56 24	~~BM 210-19~~
				328				328	~~San Francisquito Cyn. Rd. &~~
17									~~Angeles National Forrest Ranger Sta.~~
	4714	668			418	295			See F.B. 3734-
				Cont.					CONT. NEXT Pg.

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

SURVEY BY J. Randall

NOTES BY Maldonado DATE 31-Dec-69

INDEXED C. J. GALLI DATE JAN 21 [illegible]

WEATHER Clear-Lt. Breeze

TIME 13:15 to 2:30

NOTES CHKD. [illegible] DATE

INST. NO. 96716

ROD NO.

F.B. 2481 Pg. 273 ~~274~~

T = 62°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Cont.				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 210-18 TO BM 210-19
	4714	668		328	418	295		328	
17	283	039	584 5	292 274 18	21	728	322 5	32 10 22	
18	295	634	596 5	304 286 346 18	36	014	337 5	45 27 350 18	
19	222	~~22~~ 607	523 5	227 217 364 10	108	458	409 5	112 104 368 8	RERUN (CONT.)
				374				376	
								374	
	1515	948		-	584	485		750	
	+ 5515	898							
	- 584	485							
	+ 4931	413							
BM 210-19									BM 210-19. San Francisquito Cyn. Rd. & Angeles National Forrest Ranger Sta. See F.B. 3734-149

T-62

WEATHER Sunny & Calm INST. NO. 96716

TIME ROD NO. 17(3 A&B)

NOTES CHKD DATE

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES Maldonado 12-31-68

INDEXED C.J. GALLI DATE

F.B. 2481 PG. 274 272

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 SIL HANN DATE 12-30-69

INDEXED C.J. GALLI DATE [illegible]21[illegible]

WEATHER Windy TIME 1:20 TO 2:40

NOTES CHKD. [illegible] DATE

F.B. 2481 P.[illegible]

T=44°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA		DESCRIPTION AND REMARKS
											FROM B.M. 210-19 TO 210-18
B.M. 210-19											B.M. 210-19
1	23	661	324.5	34 12	22	295	522	596.5	295 ½ 284	22	SAN FRANCISQUITO CN. RD AT
											SAN FRANCISQUITO RANGER STATION
2	14	521	315.5	24 4	20	282	067	583.5	291 273	18	SEE F.B. 3734-149
					42					40	
3	31	821	332.5	42 20	22	260	611	561.5	271 249	22	
					64					62	
4	4	497	305.5	½ 15 4	22	293	493	594.5	304 282	22	
					86					84	
5	4	300	305.5	½ 14 4	20	293	509	594.5	303 283	20	
					106					104	
6	24	521	325.5	33 15	18	296	949	597.5	305 287	18	
					124					122	
7	14	394	315.5	22 6	16	283	661	584.5	290 276	14	π = MALDONADO
					140					136	
8	13	892	314.5	22 4	18	295	828	596.5	303 287	16	
					158					152	
9	12	987	313.5	20 4	16	301	407	602.5	301 ½ 292	18	
					174					170	
10	19	873	320.5	28 10	18	289	362	590.5	298 280	18	
					192					188	
11	31	410	332.5	40 22	18	287	241	588.5	296 278	18	
					210					206	
12	8	641	309.5	½ 18 8	20	297	446	598.5	306 288	18	
					230					224	
13	7	823	308.5	½ 17 7	20	296	800	597.5	306 286	20	
					250					244	
	212	341				3773	896				

CONTINUED 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 210-19 TO 210-18
	212	341		250	377	396		244	
14	13	817	314 5	24 2 22	288	510	589 5	300 276 24	
				272				268	
15	16	011	317 5	28 4 24	299	492	600 5	299 287 24	
				296				292	
16	7	251	308 5	20 7 26	295	351	596 5	308 282 26	
				322				318	
17	52	545	353 5	63 41 22	234	560	535 5	247 221 26	
				344				344	
18	19	140	320 5	30 8 22	297	232	598 5	297 287 20	
				366				364	
19	70	621	371 5	75 63 12	134	140	435 5	141 127 14	
				378				378	
								378	
								756	
	~~42~~ 39	1 726			-5 323	181			
					+ 391	726			
					- 4931	455			
B.M. 210-18									B.M. 210-18 SAN FRANCISQUITO CN. RD., 115± FT. N. OF Ho. 40544' SEE F.B. 3734-147

WEATHER _____ INST. NO. 96716

TIME _____ ROD NO. 95896

NOTES CHKD [signature] DATE [illegible]

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.F. DREIER NOTES

INDEXED [illegible] DATE

F.B. 2481 Pg. 276 274

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

03 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 210-19 TO 210-19A
B.M. 210-19									B.M. 210-19
1	264	203	565 5	273 255 18	13	200	314 5	22 4 18	SAN FRANCISQUITO Cny RD. at
									SAN FRANCISQUITO RANGER STA.
2	296	743	597 5	306 286 20	31	654	332 5	42 20 22	SEE F.B. 3734-149
				38				40	
3	294	408	595 5	303 285 18	12	999	313 5	21 3 18	
				56				58	
4	293	051	594 5	299 287 12	11	248	312 5	17 5 12	
				68				70	
5	294	858	595 5	301 287 14	9	073	310 5	17 1 16	π = STROUD
				82				86	
6	289	349	590 5	296 282 14	60	280	361 5	65 55 10	
				96				96	+ 4358.102
7	301	221	602 5	301 292 18	24	750	325 5	33 15 18	− 369.126
				114				114	+ 3988.976
8	288	355	589 5	298 278 20	25	320	326 5	36 14 22	
				134				136	
9	295	047	596 5	295 278 34	30	001	331 5	46 14 32	
				168				168	
10	291	125	592 5	298 284 14	20	292	321 5	27 13 14	
				182				182	
11	301	242	602 5	301 293 16	26	670	327 5	34 18 16	
				198				198	B.M. 210-19A
12	294	435	595 5	299 289 10	22	153	323 5	28 16 12	SAN FRANSICQUITO CNN. RD. AT
				208				210	
13	288	558	589 5	295 281 14	8	757	309 5	18 8 16	CULVERT # 3.42
				222				226	SEE F.B. 3734-151
14	301	717	602 5	301 293 16	24	950	325 5	30 18 12	
				238				238	
15	263	790	564 5	269 257 12	47	379	348 5	53 41 12	
				250				250	
BM 210-19A	4358	102			369	126		250	= 500

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

SURVEY BY G.E. DREIER

NOTES BY

DATE DEC 2, 1969

INDEXED F.B. BALL

DATE [illegible] 21 70

WEATHER OVERCAST

TIME 9:50 TO 12:00

NOTES CHKD [illegible]

DATE

INST. NO 96716

ROD NO. 95696

T = 56°

F.B. 2481 Pg. 277

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 210-19A TO BM 210-19
BM 210-19A	277	96		22	1188	88		292	BM 210-19A
1	14	098	315 5	6 16	284	250	585 5	276 16	San Francisquito Cyn. Rd. &
									Culvert # 3.42
2	9	873	310 5	17 1 16	296	852	597 5	303 289 14	See F.B. 3734-151
				32				30	
3	9	257	310 5	16 2 14	295	385	596 5	302 288 14	
4	8	760	309 5	15 1 46 14	298	681	599 5	305 291 44 14	
				60				58	
5	15	386	316 5	22 8 14	299	438	600 5	307 291 16	
6	43	259	344 5	50 36 74 14	277	753	578 5	285 269 74 16	
				88				90	K-Siemann
7	17	890	318 5	37 17½ 40	281	323	582 5	299 263 36	
				128				166	
8	7	791	308 5	12 2 10	251	980	552 5	258 244 14	- 4290 561
9	10	679	311 5	20 0 138 20	297	617	598 5	297 289½ 140	+ 301 634
				158				156	-3988 927
10	13	221 ~~52~~	314 5	21 5 16	298	399	599 5	305 291 14	
				174				170	
11	10	052	311 5	17 3 14	291	166	592 5	298 284 14	
12	10	920	311 5	17 3 188 14	299	522	600 5	306 292 184 14	
				202				198	
13	11	828 ~~227~~	312 5	21 1 20	290	677	591 5	302 278 24	
				222				222	
14	5	132	306 5	16½ 5 22	300	589	601 5	300½ 291½ 18	BM 210-19
				244				240	San Francisquito Cyn. Rd. &
15	113	488	414 5	116 110 6	226	929	527 5	232 220 12	at San Francisquito Ranger
	301	634		250	4290	561		252	Station
BM 210-19								250	See F.B. 3734-149
								502	

T-58°

WEATHER Sunny & Calm INST. NO. 96716

TIME 10:50 to 11:55 ROD NO. 1713 A&B

NOTES CHKD [signature] DATE JAN 19 '70

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES Maldonado 12-31-69

INDEXED C.J. GALLY DATE

F.B. 2481 PG. 273 276

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER WEATHER OVERCAST - LT. BR. 52°

NOTES BY G.E. DREIER DATE 12-2-69 TIME 11:00 INST. NO. 96716

INDEXED C.J. GALLI DATE JAN 21 '70 NOTES CHKD DATE ROD NO. 95896

F.B. 2481 PG. 279

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM 210-19A TO 210-20
B.M. 210-19A							B.M. 210-19A
1	277 435	578 5	284 14 270	24 584	325 5	31 17 14	SAN FRANCISQUITO CN. RD AT CULVERT # 3.42
2	288 121	589 5	296 280 16 30	4 931	305 5	11 ½ 4 14 28	SEE F.B. 3734-151
3	293 161	594 5	300 286 14 44	12 079	313 5	19 4 15 43	
4	291 818	592 5	297 284 13 57	11 861	312 5	18 4 16 59	T. J. RANDALL
5	294 279	595 5	301 287 14 71	20 445	321 5	27 13 14 73	
6	296 440	597 5	½ 296 2 288 16 87	13 212	314 5	20 5 15 88	
7	280 396	581 5	287 272 15 102	16 110	317 5	24 8 16 104	
8	275 507	576 5	283 267 16 118	14 962	315 5	21 7 14 118	
9	273 730	574 5	279 266 13 131	23 487	324 5	29 16 13 131	
10	213 499	514 5	216 210 6 137	76 232	377 5	80 72 8 139	
B.M. 210-20						137	B.M. 210-20
	+ 2784386			- 217903		276	SAN FRANCISQUITO CN. RD. AT CULVERT # 3.59
	- 217903						SEE F.B. 3734-153
	+ 2566483						

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. 210-20 TO B.M. 210-19A
B.M. 210-20									B.M. 210-20
1	8	847	309 5	15 8 ½ 14	299	510	600 5	299 291½ 16	SAN FRANCISQUITO CN. RD AT CULVERT 3.59
2	7	531	308 5	14 7 ½ 14	278	623	579 5	285 271 14	SEE F.B. 3734-153
3	30	167	331 5	37 23 28 14	261	640	562 5	268 254 30 14	
4	17	981	318 5	24 9 42 15	286	465	487 5	293 278 44 15	
5	9	559	310 5	17 9 ½ 57 16	290	507	591 5	297 283 59 14	π-Randall
6	11	413	312 5	18 4 73 14	292	245	593 5	299 285 73 14	
7	6	773	307 5	13 6 ½ 87 14	287	285	588 5	294 280 87 14	
8	4	805	305 5	11 4 ½ 101 14	289	670	590 5	296 282 101 14	
9	17	889	318 5	25 9 115 16	290	280	591 5	298 282 115 16	
10	96	009	397 5	99 ~~104~~ 93 131 6	201	141	502 5	204 198 131 6	
				137				137	
								137	
	+ 210	974			- 2777	366		274	
					+ 210	974			
					- 2566	392			
B.M. 210-19A									B.M. 210-19A SAN FRANCISQUITO CN. RD. AT CULVERT #3.42 SEE F.B. 3734-151

T-58°

WEATHER Sunny & Calm INST. NO. 96716

TIME 9:45 to ROD NO. 95896

NOTES CHKD [illegible] DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 12-31-69

INDEXED C.L. GALLI DATE

F.B. 2481 PG. 280 ~~278~~

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 12-2-69

INDEXED C.L. BALLI DATE JAN 21 [illegible]

WEATHER Sunny & Windy INST. NO. 96716

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

NOTES CHKD [illegible] DATE

T-54°

F.B. 2481 PG. 281 ~~279~~

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM. 210-20 TO B.M. 210-21
BM 210-20									B.M. 210-20
1	300	590	601 5	300 1/2 292 1/2 16	16	260	317 5	25 7 18	SAN FRANCISQUITO CN. RD. AT CULVERT #3.59
2	289	342	590 5	295 283 12	16	218	317 5	23 9 14	SEE F.B. 3734-153
3	292	662	593 5	299 285 28 14	14	669	315 5	21 7 32 14	
4	283	070	584 5	289 277 42 12	18	483	319 5	24 12 46 12	
5	292	260	593 5	298 286 54 22	23	490	324 5	29 17 58 12	
6	298	438	599 5	305 291 76 14	10	703	311 5	18 2 70 16	π-Stroud
7	296	783	597 5	302 290 90 12	8	579	309 5	16 0 86 16	
8	287	887	588 5	293 281 102 12	22	290	323 5	28 16 102 12	
9	300	427	601 5	300 1/2 294 1/2 114 12	36	658	337 5	42 30 114 12	+ 4847.836 ✓
10	285	660	586 5	291 279 126 12	27	348	328 5	33 21 126 12	- 396.300 ✓
11	300	497	601 5	300 1/2 292 1/2 138 16	27	775	328 5	34 20 138 14	~~+ 4451.536~~
12	288	440	589 5	295 281 154 14	8	088	309 5	16 0 152 16	+ 4551.436
13	290	368	591 5	298 282 168 16	14	847	315 5	22 6 168 16	
14	300	993	601 5	300 1/2 293 1/2 184 14	18	272	319 5	25 11 184 14	
15	295	365	596 5	302 288 198 14	24	870	325 5	33 17 198 16	BM 210-21
BM 210-21 16	280	714	581 5	287 273 212 14	38	675	339 5	45 31 214 14	San Francisquito Cyn. Rd. &
17	264	340	565 5	271 257 226 14	69	175	370 5	75 63 228 12	Leona Divide Rd.
	4847	836	✓	240	396	300	✓	240 240 480	See F.B. 3734-155

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. 210-21 TO B.M. 210-20
B.M. 210-21									B.M. 210-21 San Francisquito Cyn. Rd. @ Leona Divide Road F.B. 3734-155
1	6	519	307 5	14 6½ 16	288	079	589 5	297 279 18	
2	5	258	306 5	14 5½ 18	300	000	601 5	307 293 14	
3	6	682	307 5	13 6½ 14 34	297	385	598 5	297½ 289½ 16 32	
4	5	390	306 5	12 5½ 14 48	282	195	583 5	289 275 14 48	
5	22	799	323 5	29 15 14 62	280	747	581 5	286 274 12 62	
6	4	478	305 5	12 4½ 16 76	300	079	601 5	300½ 292½ 16 74	
7	5	227	306 5	12 5½ 14 92	294	320	595 5	302 286 16 90	⊼-Siemann
8	7	664	308 5	14 0 14 106	292	707	593 5	298 286 12 106	
9	9	860	310 5	16 2 14 120	297	050	598 5	297½ 290½ 14 118	- 4707.050
10	13 ~~296~~	521 ~~688~~	314 ~~597~~ 5	~~304~~ 20 ~~288~~ 6 134 ~~16~~	296	688	597 5	304 288 6 132	+ 155 580
11	6	189	307 5	13 6½ 14 142	295	602	596 5	302 288 14 138	- 4551 470
12	12	490	313 5	20 4 16 156	295	470	596 5	301 289 12 152	
13	5	233	306 5	12 5½ 14 172	297	437	598 5	297½ 289½ 16 164	
14	15	949	316 5	21 7 14 186	298	887	599 5	298½ 290½ 16 180	
15	17	143	318 5	23 11 12 200	291	617	592 5	298 284 14 196	
16	11	178	312 5	18 4 12 212	298	787	599 5	298½ 290½ 16 210	B.M. 210-20 San Francisquito Cyn. Rd @ Culvert 3.59
	+ 155	580		224	- 4707	050		226 224 450	F.B. 3734-153
B.M. 210-20									

T = 40°

WEATHER Sunny & Lt. Wind INST. NO. 96716

TIME 10:55 to 12:00 ROD NO. 1713A&B

NOTES CHKD [signature] DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Maldonado 12-30-69

INDEXED R.J. GALLI DATE

F.B. 2481 PG. 282 ~~280~~

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 12-2-89

INDEXED C.L. GALLI DATE JAN 21 '70

WEATHER Sunny & Windy INST. NO. 96716

TIME 2:20 to 3:10 ROD NO. 95896

NOTES CHKD. [illegible] DATE [illegible]

T-64°

F.B. 2481 PG. 283 284

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 210-21 TO BM 210-22
B.M. 210-21									B.M. 210-21
1	226	672	527 5	240 212 28	209	882	510 5	224 194 30	SAN FRANCISQUITO CN. RD. & LEONA DIVIDE RD.
2	30	281	331 5	42 18 24 / 52	298	843	599 5	1298 2287 22 / 52	SEE F.B. 3734-155
3	6	869	307 5	1/2 15 6 18 / 70	299	598	600 5	1299 2290 18 / 70	
4	5	093	306 5	1/2 14 5 18 / 88	299	573	600 5	1299 2290 18 / 88	⊼ MALDANADO
5	16	027	317 5	24 8 16 / 104	277	158	578 5	285 269 16 / 104	
6	9	004	310 5	18 0 18 / 122	299	634	600 5	299 290 18 / 122	
7	16	626	317 5	23 9 14 / 136	301	913	602 5	1/2 301 293 16 / 138	
8	14	533	315 5	20 8 12 / 148	293	800	594 5	300 286 14 / 152	
9	11	143	312 5	17 5 12 / 160	290	706	591 5	297 283 14 / 166	
10	~~79~~ 21	130	322 5	28 14 14 / 174	279	343	580 5	286 272 14 / 180	-3924.350
11	9	429	310 5	18 0 18 / 192	262	216	563 5	268 256 12 / 192	+ 446.47~~8~~9
12	14	379	315 5	23 5 18 / 210	278	789	579 5	287 269 18 / 210	-3477.87~~2~~1
13	4	147	305 5	14 1/2 4 20 / 230	275	363	576 5	286 264 22 / 232	
14	61	146	362 5	69 53 16 / 246	257	532	558 5	264 250 14 / 246	BM 210-22 (U.S.C.&G.S. BEND 1932) San Francisquito Cyn. Rd. & 500'± So. of Culvert 4.24
	+446	4789			-3924	350		246 / 492	See F.B. 3734-157
BM 210-22									

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

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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. 210-22 TO B.M. 210-21
B.M. 210-22									B.M. 210-22 U.S.C.&G.S. BEND 1932
1	267	152	568 5	277 257 20	6	491	307 5	1/2 16 6 20	San Francisquito Cyn. Rd. & 500'±
2	265	030	566 5	274 256 18 38	31	426	332 5	40 22 18 38	So. of Culvert 4.24 F.B. 3734-157
3	297	239	598 5	308 287 21 59	14	896	315 5	23 5 18 56	
4	296	532	597 5	304 288 16 75	15	295	316 5	23 7 16 72	
5	279	382	580 5	285 273 12 87	4	987	305 5	1/2 11 4 14 86	⊼ MALDONADO
6	286	743	587 5	292 280 12 99	22	869	323 5	28 16 12 98	
7	243	370	544 5	250 236 14 113	11	025	312 5	18 4 14 112	
8	298	933	599 5	305 291 14 127	34	450	335 5	41 27 14 126	+ 3963.926 ✓ - 486 210 ✓ + 3477 716 ✓
9	289	766	590 5	296 282 14 141	25	799	326 5	32 18 14 140	
10	287	692	588 5	295 279 16 157	20	259	321 5	28 12 16 156	247 ✓ 246 ✓ 493 ✓
11	301	641	602 5	1/2 301 293 16 173	25	162	326 5	33 17 16 172	
12	297	697	598 5	306 288 18 191	15	877	316 5	24 6 18 190	
13	293	106	594 5	303 283 20 211	44	651	345 5	54 34 20 210	B.M. 210-21
14	259	643	560 5	277 241 36	213	023	514 5	231 195 36	San Francisquito Cyn. Rd. @ Leona Divide Rd.
B.M. 210-21	3963	926 ✓		247	486	210 ✓		246	F.B. 3734-155

T = 42°

WEATHER LT. WIND INST. NO. 96716

TIME 2:35 TO 3:15 ROD NO. 1713 A&B

NOTES CHKD. [signature] DATE

F.B. 2481 PG. 284 ~~282~~ JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES SIEMANN 12-29-69

INDEXED C.L. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 210-22 TO BM 210-23
BM 210-22				162				303	BM 210-23 (U.S.C.&G.S. BEND 1923)
1	149	040	450 5	136 26	293	368	594 5	283 20	San Francisquito Cyn. Rd., &
				34				301	500 Ft.± So. of Culvert 4.24
2	29	748	330 5	24 10	301	145	602 5	295 ½ 12	See F.B. 3734-157
				11 36				305 32	
3	6	347	307 5	1 10	299	720	600 5	293 12	
				39 46				304 44	
4	34	772	335 5	29 10	297	974	598 5	290 14	
				25 56				229 58	
5	17	078	318 5	9 16	222	492	523 5	215 14	
				75 72				213 72	⊼ - Stroud
6	69	752	370 5	63 12	207	020	508 5	201 12	
B.M. 210-23				84				84	
								84	
	306	737			1621	719		168	
				−	1621	719			
				+	306	737			
				−	1314	982			
BM 210-23									BM 210-23 (U.S.C.&G.S. BEND No. 2, San Francisquito Cyn Rd. (1932) & 115' ± N.W. of Culvert 4.24 See F.B. 3734-159

T-62°

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 12-3-69

INDEXED G.G. DALY DATE 12-21-69

WEATHER Sunny & Light Breeze

TIME 10:50 to 11:15

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 96 & 96

F.B. 2481 PG. 285 283

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 210-23 TO BM 210-22
BM 210-23				297				21	BM 210-23 (U.S.C.&G.S. BEND. No. 2 1932)
1	285	291	586.5	273 24	12	519	313.5	3 18	San Francisquito Cyn. Rd. & 115' N.W.
				300				15	of Culvert #4.24
2	292	017	593.5	284 16	7	601	308.5	-1 16	F.B. 3734-159
				300 40				20 34	
3	293	749	594.5	286 14	14	379	315.5	8 12	
				296 54				9 46	
4	291	829	592.5	286 10	3	452	304.5	3½ 12	
				293 64				106 58	
5	284	457	585.5	275 18	94	400	395.5	82 24	
				82				82	
								82	T-Siemann
								164	
	+ 1447	343			132	351			
	- 132	351							
	+ 1314	992							
BM 210-22									BM 210-22 (U.S.C.&G.S. BEND 1932) San Francisquito Cyn. Rd, & 500'± So. of Culvert #4.24 F.B. 3734-157

T-42

WEATHER Sunny & Lt. Wind INST. NO. 96716

TIME 2:10 to 2:30 ROD NO. 1713A&B

NOTES CHKD [illegible] DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Maldonado 12-29-69

INDEXED C.J. SADY DATE

F.B. 2481 PG. 236 284

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. Dreier
NOTES BY Maldonado DATE 12-3-69 WEATHER Sunny & H.B. INST. No. 96716
INDEXED G.L. Galli DATE 11-21 TIME 11:15 to NOTES CHKD. DATE ROD NO. 35896
F.B. 2481 PG. 237 285

T. 6

STATION	BACKSIGHT Right Mic.	Left.	Stadia	FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
							From BM 210-23 To BM 111-29
BM 210-23			13	CUSPC		290	BM 210-23 (U.S.C.&G.S. BEND No. 2 1932)
1	6 657	307 5	-1 14	283 940	584 5	276 14	San Francisquito Cyn. Rd. & 115
			22			60	N.W. of Colvert #4.24
2	14 030	315 5	6 16	301 723	602 5	293½ 16	See F.B. 3734 -
			30			30	
3	6 050	307 5	14½ 6½ 16	301 152	602 5	301 293½ 16	
			46			96	
4	19 830	320 5	26 12 14	296 192	597 5	304 288 16	
			60			62	
5	28 567	329 5	36 20 16	292 738	593 5	300 284 16	
			78			78	
6	24 822	325 5	32 16 16	287 322	588 5	295 279 16	
			92			94	
7	35 865	336 5	43 25 18	280 193	581 5	288 272 16	T-Stroud
			110			116	
8	27 800	328 5	37 17 20	290 195	591 5	300 280 20	
			130			130	
9	22 032	323 5	33 11 22	289 453	590 5	299 279 20	- 466.094
			152			150	+ 354.213
10	9 575	310 5	20 9½ 22	298 999	599 5	298½ 288½ 20	- 4261.881
			174			170	
11	16 332	317 5	26 6 20	300 827	601 5	300 289½ 22	
			194			192	
12	13 685	314 5	23 3 20	295 810	596 5	306 284 22	
			214			214	
13	26 031	327 5	38 14 24	300 292	601 5	300 288½ 24	
			238			238	
14	36 570	337 5	48 24 24	260 558	561 5	272 248 24	BM 111-29 (U.S.G.S. 3403 RESET 1939)
			262			262	
15	14 777	315 5	32½ 14½ 38	283 762	584 5	302 264 38	Elizabeth Lake Rd. & San Fran-
			298			300	cisquito Cyn. Rd.
16	51 590	352 5	66 36 30	252 938	553 5	267 237 30	See F.B. ~~3734~~ 41
			328	466094		330	2437
BM 111-29	354213			354213		328	
				-4261881		658	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-29 TO BM 210-23
BM 111-29				93				65	BM 111-29 (U.S.C.&G.S. 3403 RESET 1939)
1	80	000	381 5	67 26	51	392	352 5	37 28	Elizabeth Lake Rd., &
				302				68	San Francis Quito Cyn. Rd.
2	289	000	590 5	276 26	55	780	356 5	42 26	See F.B. ~~3734~~ 2437 -41
				290 52				27½ 54	
3	273	370	574 5	256 34	11	182	312 5	11 32	
				300½ 86				26½ 86	
4	300	153	601 5	284 32	11	348	312 5	11 30	
				299 118				26 116	
5	289	254	590 5	279 20	14	365	315 5	2 24	
				299½ 138				31 140	X-Siemann
6	299	572	600 5	289½ 20	21	871	322 5	11 20	
				306 158				23 160	
7	295	833	596 5	284 22	13	551	314 5	3 20	
				307 180				24 180	
8	297	869	598 5	287 20	14	606	315 5	4 20	+ 4669.626
				292 200				28 200	− 407.969
9	282	722	583 5	272 20	18	417	319 5	8 20	+ 4261.657
				304 220				23 220	
10	293	907	594 5	282 22	12	287	313 5	2 21	
				299½ 242				26 241	342
11	299	383	600 5	290½ 18	18	070	319 5	10 16	339
				300 260				20 257	681
12	292	781	593 5	284 16	12	175	313 5	4 16	
				300½ 276				27 ~~273~~	
13	300	699	601 5	292½ 16	19	091	320 5	11 273	
				300½ 292				19 289	
14	300	018	601 5	292½ 16	12	769	313 5	5 14	
				295 308				24 303	
15	288	140	589 5	281 14	16	002	317 5	8 16	BM 210-23 (U.S.C.&G.S. BEND No. 2) 1932
				297½ 322				19 319	San Francis Quito Cyn. Rd. &
16	297	926	598 5	289½ 16	12	782	313 5	5 14	115 N.W. of Culvert #4.24
				190 338				95 333	
BM 210-23 17	188	999	489 5	186 4	92	281	393 5	89 6	See F.B. 3734 -
	4669	626		342	407	969		339	

F.B. 248 / Pg. ~~286~~ 288 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randal NOTES Maldonado 29-Dec-69

INDEXED E.D. GALLI DATE

WEATHER Sunny & Windy INST. NO. 96716

TIME 1:10 to 2:05 ROD NO. 1713A&B

NOTES CHKD [illegible] DATE

T-42° 29-Dec-69

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 12-3-69
INDEXED R.L. BALL DATE JAN 21 70
WEATHER Sunny 47-62 TIME 1:45 to 2:30 ROD NO. 95E96
INST. NO. 96716
NOTES CHKD. [illegible] DATE [illegible]
F.B. 2481 Pg. 287
T-640

STATION	BACKSIGHT Right Mic.	Left	Stadia	FORESIGHT Right Mic.	Left	Stadia	DESCRIPTION AND REMARKS
	~~584~~			~~444~~ 48			From BM 111-29 To BM 111-28
BM 111-29			230			134	BM 111-29 (U.S.G.S. 3403 LA. RESET 1939)
1	206 697	507 5	182 48	110 868	411 5	86 48	Elizabeth Lake Rd. & San
			276			311	Francisquito Cyn. Rd.
2	256 802	557 5	236 40	12 392	313 5	12½ 38	See F.B. ~~373~~ 2437-41
			295 ~~88~~			142 86	
3	276 302	577 5	257 38	122 658	423 5	102 40	
			240 126			76 126	
4	209 713	510 5	178 62	4~~4~~5 937	346 5	14 62	
			264 188			43 188	T. Stroud
5	246 380	547 5	228 36	25 170	326 5	7 36	
			289 224			18 224	
6	277 090	578 5	265 24	7 757	308 5	7½ 22	
			286 248			20 246	
7	275 085	576 5	264 22	8 752	309 5	8½ 24	
			172 270			263 270	
8	168 340	469 5	164 8	159 462	460 5	155 8	
			278			278	
						278	
						556	
+	1916409			492996			
−	492996						
+	1423413						
BM 111-28							BM 111-28 Elizabeth Lake Rd. & 0.35 mi. E. of San Francisquito Cyn. Rd. & P.P. # 111-682 L.A.F.D. See F.B. 2437-40

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-28 TO BM 111-29
BM 111-28									BM 111-28 Elizabeth Lake Rd. & 0.35 mi. E. of San Francisquito Cyn. Rd. & P.P. 111-682 L.A.Co.F.D. F.B. 2437-40
1.	58	066	359 5	72 44 28	301	641	602 5	301 288 26	
NOTE > 2.	4	(159) 159	355 5	15 24 22	300	361	601 5	300 20	
3.	19	023	320 5	30 8 50 22	235	552	556 5	248 222 46 26	
4.	39	318	340 5	76 2 72 74	215	821	516 5	251 179 72 72	T. J. MALDONADO
5.	72	731	373 5	102 42 146 60	301	488	582 5	301 280 144 42	
6.	60	455	361 5	71 49 206 32	218	348	519 5	234 202 186 32	
7.	92	312	393 5	116 68 228 48	196	41 304	497	225 187 218 50	
				276				276	
B.M. 111-29								552	B.M. 111-29: U.S.G.S. 3403 L.A. RESET 1939 Elizabeth Lake Rd. & San Francisquito Cyn. Rd. F.B. 2437-41
	~~438 376~~ 346064				1769 552 ~~438 376~~ 1331 176				

- 1769 552
+ 346064
- 1423488

T 6S

WEATHER CLEAR INST. NO. 9CTK
TIME 14:20 ROD NO. 2576
NOTES CHKD. DATE

F.B. 2481 Pg. 290 2288 JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DEFIER NOTES STRAND 12-3-47
INDEXED GAL DATE

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-27 TO B.M. 111-28
B.M. 111-27									B.M. 111-27
1	112	385	413 5	134 90 44	86 ~~829~~	828 ~~387~~	387 5	108 64 44	Elizabeth Lake Rd. about 0.9 mi
									East of San Francisquito Cyn. Rd.
2	254	198	555 5	272 236 36	12	838	313 5	28 12½ 32	F.B. 2437-39
				80				76	
3	284	414	585 5	284 264½ 40	39	792	340 5	56 22 34	
				120 ~~84~~				110	
4	162	520	463 5	167 157 10	104	709	405 5	114 94 20	
				130				130	
5	128	867	429 5	158 98 60	205	882	506	235 175 60	
				190				190	
									⊼ = ANDERSON
6	32	465	333 5	44 20 24	~~184~~ 181	681	482 5	194 168 26	
				219				216	
7	146	362	447 5	172 120 52	108	744	409 5	134 82 52	
				266				268	
8	177	012	478 5	201 153 48	49	391	350 5	73 25 48	
				314				316	
9	287	461	588 5	287 262 50	139	668	440 5	163 115 48	
				364				364	
10	49	812	350 5	64 34 30	249	268	550 5	263 235 28	
				394				392	
11	20	650	321 5	30 10 20	265	020	566 5	275 255 20	
				414				412	
12	17	698	318 5	32 2 30	295	858	596 5	295 280½ 30	
				444				442	B.M. 111-28
	+ 1673	844			- 1739	679		444	Elizabeth Lake Rd. about 0.35 mi.
					+ 1673	844		886	East of San Francisquito Cyn. Rd.
					65	835			F.B. 2437-40

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

SURVEY BY Rodriguez

NOTES BY Rodriguez DATE 14-Jan-70

INDEXED G.S. Dall DATE 11-21-70

WEATHER Overcast TIME 09:45

NOTES CHKD. [illegible] DATE

INST. NO. 75234

ROD NO. 1713 A-B

F.B. 2481 P. 389

TE WIND

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

T=58° T=CALM Bright

WEATHER High Clouds INST. NO. 75234

TIME 1:15 ROD NO. 1713 A-B

NOTES CHKD. DATE

SURVEY OF L.A. COUNTY PRECISE LEVELNET JOB NO. 030102

SURVEY BY Rinehart NOTES Rodriguez 13-Jan-70

INDEXED C.J. Bates DATE

F.B. 2481 PG. 22 2500

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 111-28 TO B.M. 111-27
B.M. 111-28							22		323				B.M. 111-28
1	300	054	601	5	300 285 (½)	30	~~21~~ ~~22~~	013	~~322~~ ~~323~~	5	38 6	32	Elizabeth Lake Rd. about 0.35 mi.
													East of San Francisquito Cyn. Rd.
2	267	620	568	5	277 257	20	23	050	324	5	33 13	20	@ Pole No 111-682 L.A.F.D.
						50						52	F.B. 2437-40
3	247	869	548	5	261 233	28	48	611	349	5	63 33	30	
						78						82	
4	138	860	439	5	163 113	50	286	590	587	5	286 262 (½)	48	
						128						130	
5	51	362	352	5	76 26	50	179	113	480	5	201 157	44	
						178						174	
6	110	752	411	5	136 84	52	148	851	449	5	175 121	54	T = ANDERSON
						230						228	
7	183	754	484	5	196 170	26	33	243	334	5	45 21	24	
						256						252	
8	253	373	554	5	288 218	70	234	264	535	5	270 198	72	
						326						324	
9	38	401	339	5	55 21	34	299	040	600	5	299 279 (½)	40	
						360						364	
10	28	851	329	5	44 12	32	254	930	555	5	270 238	32	
						392						394	
11	84	198	387	5	108 64	44	111	587	412	5	132 90	42	
						436						438	
	+	1707	094				-	1641	292			436	ATRS
	-	1641	292									874	B.M. 111-27
	+	65	802										Elizabeth Lake Rd. about 0.9 mi.
													East of San Francisquito Cyn Rd.
													Near P.P. No 7674 22E
													F.B. 2437-39