Notes Ck'd by	Survey of	F.B. 4106 PG.
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed JAN 1 2	

Pg's 5 Thru. 104 LINE 3

Pg's 105 Thru. 124 BLANK

Pg's. 125 Thru. 238 LINE 31

Notes Ck'd by	Survey of	F.B. Pg.
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

PG'S : 105 THRU 124

BLANK

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76F3098 CE#810 9-67

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F.B. _____ PG _____

Notes Ck'd by	Survey of LACo Precise Level Net
Map No.	JN 030102 Tape — Std — °F
Office Work	Surveyed by Randall
Checked	Notes " Date Nov 70
Date	Indexed [illegible] JAN 12 [illegible]

F. B. 4106 PG. 5

LOS ANGELES COUNTY

PRECISE LEVEL NET

LINE Nº 3

NOV. 1970

J.N. 0301.02

REFERENCE	PARTY
F.B. 1202.	RANDALL
2858	ANDERSON
1204	RODRIGUEZ
2861	LOVE
3707	JOHNSON
3708	MALDONADO
	SIEMANN
	McKNIGHT

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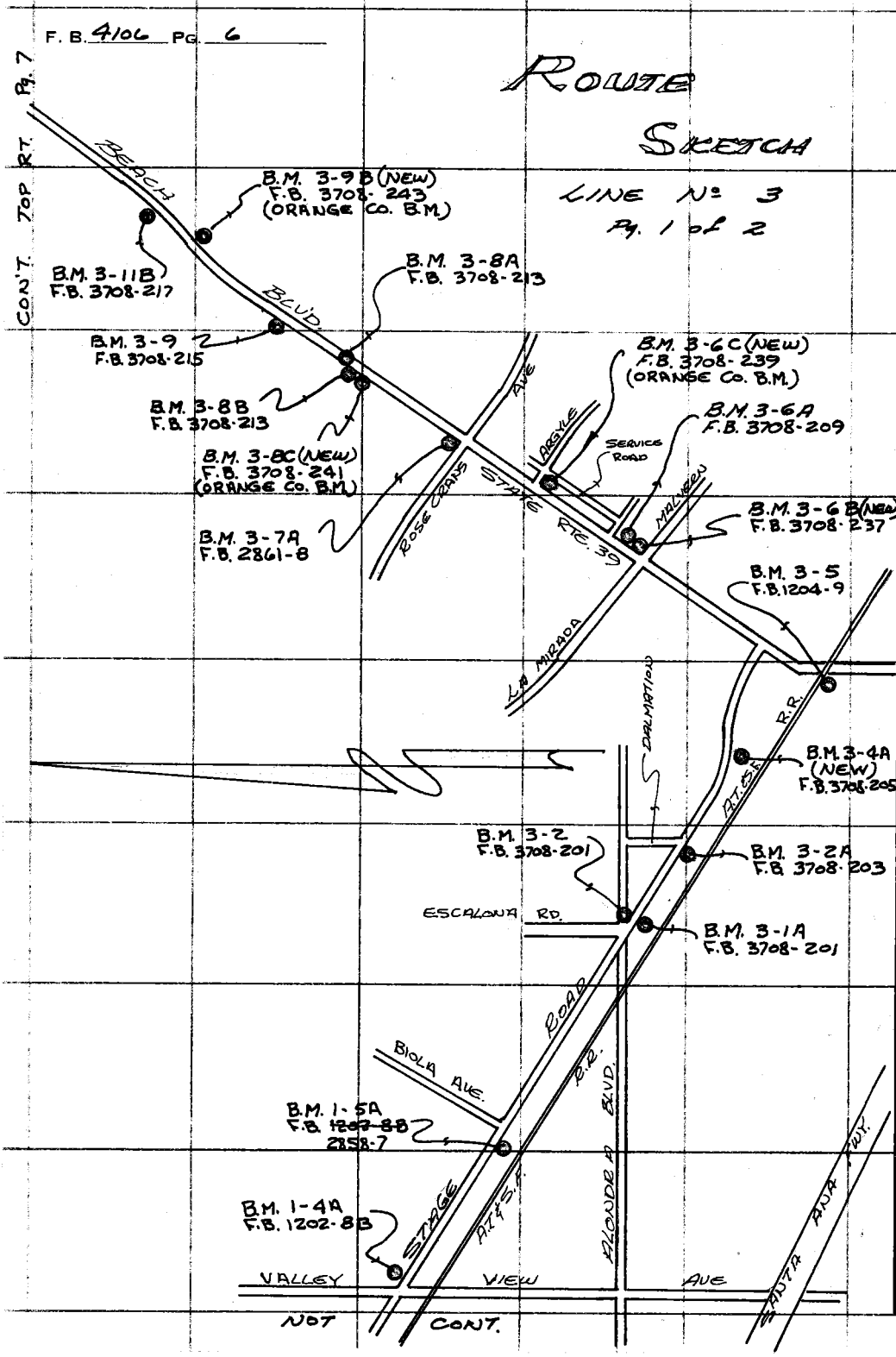
76F309S CE#310 3-69

F. B. 4106 PG. 6

ROUTE SKETCH

LINE No 3

Pg. 1 of 2



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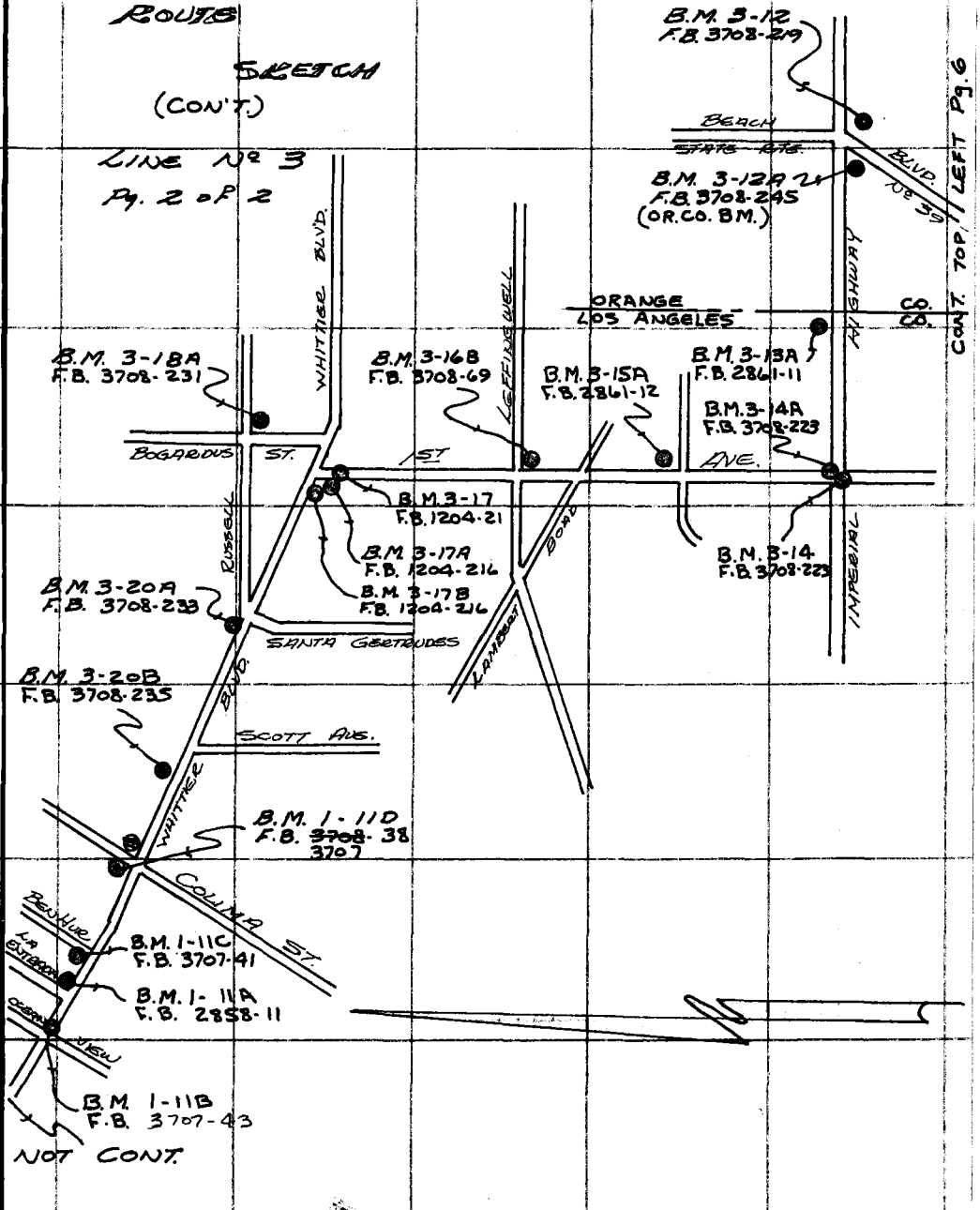
Notes Ck'd by	Survey of L.A.Co Precise Level Net
Map No.	JN0301.02 Tape — Std — °F
Office Work	Surveyed by Randall
Checked	Notes " Date Nov-70
Date	Indexed L.L. GALT JAN 12 '71

F. B. 4106 PG. 7

ROUTE SKETCH (CON'T)

LINE Nº 3

Pg. 2 of 2



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76F309S CE#310 3-69

F. B. 4106 PG. 8

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76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDALL
NOTES BY SIEMANN DATE 11-4-76 WEATHER OVERCAST INST. NO. 26716
TIME 8:30 TO 8:45 ROD NO. 17138
INDEXED [redacted] DATE JAN 12 [redacted] NOTES CHKD DATE

T = 60°

F.B. 4106 PG. 9

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS From ____ To ____
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	157 469	4585	159 155 4	146 152	4475	173 119 54	54 M- 4 M= 50 M=0.20mm
2	154 798	4555	156 152 4	166 272	4675	194 140 54	54 M- 4 M= 50 M=0.20mm
	312267			312424		108	
			8	040		8	
	+			-0. mm			Curvature Corr.=0.40mm
				312384		100	
				312267			
				- 117			
			mm= "C"				
	/						
				- 61 mm			= "C"
				/ 117			

F.B. 4106 Pg. 10 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-66°
SURVEY BY J. Randall DATE 11-5-70 WEATHER Overcast INST. NO. 26716 F.B. 406 PG. 11
NOTES BY Maldonado TIME 9:30 ROD NO. 1713AB
INDEXED G.J. GATT DATE NOV 12 70 NOTES CHKD DATE

STATION	BACKSIGHT Right Mic.	Left.	Stadia	FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From To
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	150 858	451 5	152 148 4	122 592	423 5	149 95 54	54 M- 4 M= 50 M=0.20 mm
2	156 081	457 5	158 154 4	184 445	485 5	211 157 54	54 M- 4 M= 50 M=0.20 mm
	306 939		8	307 037		108	
	+			-0.40 mm		8	Curvature Corr.=0.40 mm
				306 997		100	
				306 939			
				- 058			
							T-Siemann
			mm= "C"				
	1						
				0.005 mm= "C"			
				100 / 0.580			
				500			
				80			

F.B. 4106 PG. 12 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM TO

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDALL
NOTES BY SIEMANN
INDEXED C.J. GAR
DATE 11-6-70
DATE 11-12-70
WEATHER CLOUDY
TIME 1:25 TO 1:35
NOTES CHKD
DATE
INST. NO. 21716
ROD NO. 8572C
T = 68°
F.B. 4106 PG. 13

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS From ____ To ____
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	143241	444 5	145 141 4	111 241	412 5	138 84 54	54 M- 4 M= 50 M=0.20 mm
2	154511	455 5	156 152 4	186560	487 5	213 159 54	54 M- 4 M= 50 M=0.20 mm
	297752			297801		108	
			8	040		- 8	
	+			-0. mm			Curvature Corr.=0.40 mm
				761		100	
				752			
				- 009			
			mm= "C"				
	/						
				.009 mm= "C"			
				100/ 0 09			

F.B. 4106 PG. 14 | JOB NO. 0301.02

SURVEY OF _____ WEATHER _____ INST. NO. _____

SURVEY BY Randall NOTES _____ TIME _____ ROD NO. _____

INDEXED _____ DATE _____ NOTES CHKD _____ DATE _____

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____

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76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Rodriguez/Randall DATE 11-9-70 WEATHER Hazy INST. NO. 296716
NOTES BY Rodriguez TIME 9:00 ROD NO. 85-96
INDEXED L.J. Gale DATE 12-7-70 NOTES CHKD DATE

T = 76°

F.B. 4104 PG. 15

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	145	200	446 5	147 143 04	167	464	468 5	194 140 54	54 M- 4 M= 50 M=0.20 mm
2	149	752	450 5	151 147 04	127	417	428 5	154 100 54	54 M- 4 M= 50 M=0.20 mm
	294	952		08	294	881		108	
	294	841						-08	
	+	111			-0.40 mm			100	Curvature Corr.=0.40 mm
					294	841			
					-				
	+	0.011		mm= "C"					
	100	1.110							
		100							
		110							
							mm= "C"		

T Maldonado

F.B. 4106 PG. 16 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM TO

76P526B CE # 308 8-59

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

SURVEY BY N. BANDHALL G.E. DREIER DATE 11-10-70 WEATHER 50° HAZE INST. NO. 26716

NOTES BY TIME 8:15 ROD NO. 95896

INDEXED G.L. GALL DATE 12 NOTES CHKD DATE

F.B. 4106 Pg. 17

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	156	357	4575	158 154 4	153	198	4545	180 126 54	54 M- 4 M= 50 M=0.20 mm
2	156	358	4575	158 154 4	159	880	4605	186 132 54	54 M- 4 M= 50 M=0.20 mm
	312	715		8	312	878		108	
	+				-0.	0.40 mm		-2	Curvature Corr.=0.40 mm
					312	838		100	
					312	715			
					-	1.23 mm			
				mm= "C"					
	1								
						-0.012		mm= "C"	
					100	1.23 mm.			

F.B. 4106 PG. 18 JOB NO. 030102

SURVEY OF

SURVEY BY Randall NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM ____ TO ____

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Randall
NOTES BY Rodriguez
DATE 11-18-70
WEATHER Hazy
INST. NO. 755234
INDEXED
DATE
NOTES CHKD
ROD 2/39 R2140 A-B
ROD 2/39 R2140 A-B
DATE
T = 70°
F.B. 406 PG. 19

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS (From ____ To ____)
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	143 608	444 5	145 / 141 04	185 562	486 5	212 / 158 54	54 M- 4 M= 50 M=0.20 mm
2	132 712	433 5	134 / 130 04	90 682	391 5	117 / 63 54	54 M- 4 M= 50 M=0.20 mm
	276 320		08	276 244		108	
	276 204					-08	
	+ 116			-0.40mm		100	Curvature Corr.=0.40 mm
				276 204			
				-			T Anderson
	0.011 mm= "C"						
	100 / 1.16						
	100						
	160						
	100						
				/ mm= "C"			

F.B. 4106 Pg. 20 JOB NO. 030102

SURVEY OF _____ WEATHER _____ INST. NO. _____

SURVEY BY Randall NOTES _____ TIME _____ ROD NO. _____

INDEXED _____ DATE _____ NOTES CHKD _____ DATE _____

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Binder
NOTES BY [redacted]
INDEXED [redacted]
DATE 19 Nov. 70
DATE JAN 12 [redacted]
TIME 08:40
NOTES CHKD
WEATHER overcast Calm
INST. NO 73234
ROD NO 2394 A.B
DATE
F.B. 4106 PG. 21
TE 660

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
				DETERMINATION OF "C"					
	NEAR ROD				FAR ROD				
1	133	878	434 5	135 131 4	141	902	442 5	168 114 54	54 M- 4 M= 50 M=0.20 mm
2	129	578	430 5	131 127 4	121	742	422 5	148 94 54	54 M- 4 M= 50 M=0.20 mm
	263	456		8	263	644		108 8	
					−	0.0 40			
	+					~~-0. mm~~		100	Curvature Corr.=0.40 mm
						263 604			
						263 456			
					−	148			
				mm= "C"					
						0.0 148 mm= "C"			
					100	1.48			

F.B. 4106 PG. 22 | JOB NO. 0301.02

SURVEY OF _____ WEATHER _____ INST. NO. _____

SURVEY BY Randall NOTES _____ TIME _____ ROD NO. _____

INDEXED _____ DATE _____ NOTES CHKD _____ DATE _____

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Brodell DATE 20-Dec-70 WEATHER Clear-Calm INST. NO. 73234
NOTES BY " TIME 08:30 ROD NO. 23948
INDEXED R. F. GALLI DATE JAN 12 71 NOTES CHKD. DATE
T = 70°
F.B. 4106 PG. 23

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS From ____ To ____
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	129 791	430 5	131 127 4	70 069	371 5	97 43 54	54 M- 4 M= 50 M=0.20 mm
2	159 431	460 5	161 157 4	219 170	520 5	246 192 54	54 M- 4 M= 50 M=0.20 mm
	289 222		8	289 239		108	
	289 199			− 0.40 mm		8	
	+ 023			~~-0. mm~~		100	Curvature Corr.=0.40 mm
				289 199			
				−			
		.002	mm= "C"				
	100 / 0.23						
					mm= "C"		
				/			

T Rodriguez

F.B. 4106 PG. 24 JOB NO. 030102

SURVEY OF

SURVEY BY Randall NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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

SURVEY BY Ramos " WEATHER Clear Calm INST. NO. 75234

NOTES BY " DATE 23-Nov.'70 TIME ROD NO. 2394-B

INDEXED G. L. CALL DATE NOV 12 '71 NOTES CHKD DATE

F.B. 4106 PG. 25

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS From ___ To ___
	DETERMINATION OF "C"						
	NEAR ROD		146	FAR ROD			
	144 160	445 5	142 4			263	
1	~~236~~			236 532	537 5	209 54	54 M- 4 M= 50 M=0.20 mm
			129			62	
2	127 582	428 5	125 48	35 350	336 5	8 54	M- M= M=0.20 mm
	271 742		8	271 882		108	
				− 0.40 mm		8	
	+			-0. mm		100	Curvature Corr.=0.40 mm
				271 842			
				271 742			
				− 100			T. Anderson
			mm= "C"				
				.010 mm= "C"			
				100 / 1.00			

T-62°

F.B. 4106 PG. 26 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____

76P526B CE # 308 8/68

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Rendall WEATHER Fog-Haze INST. NO. 73234
NOTES BY Rodriguez DATE 24 Nov-70 TIME 9:00 ROD NO. 21391-B
INDEXED G.L. Gates DATE 12-71 NOTES CHKD DATE
F.B. 4106 PG. 27

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
		DETERMINATION OF "C"					
	NEAR ROD			FAR ROD			
1	142 603	4435	144 / 140 04	117 618	4185	144 / 90 54	54 M- 4 M= 50 M=0.20 mm
2	142 818	4435	144 / 140 04	168 032	4695	195 / 141 54	54 M- 4 M= 50 M=0.20 mm
	285 421		08	285 650		108	
						-8	
	+			-0.40 mm		100	Curvature Corr.=0.40 mm
				285 610			
				285 421			T Anderson
				- 189			
			mm= "C"				
	/						
				- 0.018 mm= "C"			
				100 / 1.89			
				100			
				890			
				800			

F.B. 4106 PG. 28 | JOB NO. 0301.02

SURVEY OF _____ WEATHER _____ INST. NO. _____

SURVEY BY Randall NOTES _____ TIME _____ ROD NO. _____

INDEXED _____ DATE _____ NOTES CHKD _____ DATE _____

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____

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

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 J. Randall WEATHER Hazy Sun INST. NO. 56716

NOTES BY Maldonado DATE 11-4-70 TIME 11:05 ROD NO. 1713 A&B

INDEXED [redacted] DATE JAN 12 '90 NOTES CHKD. RCB DATE 3-7

T- 70°

F.B. 4106 PG. 29

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
1									FROM BM 1-4A TO BM 1-5A
BM 1-4A								204	BM 1-4A (U.S.C.&G.S. K-778, 1945)
1	118	602	419 ~~85~~ 150	85 66 158	171	110	472 5	138 66	Valley View & Stage Rd. N.E.Cor.
				246				168	F.B. 1202-8B
2	201	310	502 5	156 90	124	240	425 5	80 88	
				198, 156				146 154	
3	198	359	499 5	163 70	110	229	411 5	74 72	
				131 226				152 226	
4	111	600	412 5	91 40	133	292	434 5	114 38	
				266 ✓				264 ✓	T-Siemann
								266	
	629	871 ✓			538	871 ✓		530 ✓	
	538	871			~~629~~	~~871~~			
	+91	000 ✓			-91	000			BM 1-5A (U.S.C.&G.S. P-151 RESET 1952)
BM 1-5A									Stage Rd. & Biola Ave. (150'± S.W.)
									F.B. 2858-7
									SEE F.B. 4107 FOR ADDITIONAL DIFFERENCES IN ELEV. IN LINE No. 1. LINE No. 1 RUN CONCURRENTLY WITH LINE No. 3 G.E.D 11-10-70

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 96716
ROD NO. 958 96
DATE 3-71

WEATHER HAZE
TIME 10:15
NOTES CHKD RCB

690

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM. 1-5A TO B.M. 1-4A
BM. 1-5A							B.M. 1-5A (U.S.C.
1	167 171	468 5	203 131 72	172 288	473 5	208 136 72	STAGE RD. & BIOLA AVE
							SEE F.B. 2858-7
2	132 188	433 5	166 98 68 140	215 411	516 5	250 180 70 142	
3	105 099	406 5	141 69 72 212	123 709	424 5	158 88 70 212	R. SIEMANN
4	166 999	467 5	194 138 56 268 ✓	151 040	452 5	177 125 52 264 ✓	
B.M 1-4A						268	B.M. 1-4A (U.S.C. & G.S
	571457 ✓			662448 ✓		532	STAGE RD. & VALLEY VIEW AVE
				571 457			SEE F.B. 1202-83
				90 991 ✓			

F.B. 4106 PG. 30

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES DREIER 11-10-70

INDEXED [redacted] DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY Waldenade

NOTES BY J. Randall DATE 11-4-70 WEATHER Hazy Sun INST. NO. 96216

INDEXED [illegible] DATE 12 70 TIME 11:20 ROD NO. 712458

NOTES CHKD RCB DATE 3-71

T-70

F.B. 4106 PG. 31

STATION	BACKSIGHT RIGHT	MIC.	BACKSIGHT LEFT	STADIA	FORESIGHT RIGHT	MIC.	FORESIGHT LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM BM 1-5A TO BM 3-1A
BM 1-5A				202				247	BM 1-5A (U.S.C.&G. P-51 Reset 1958)
1	160	451	461 5	117 86	205	020	506 5	163 84	Stage Rd. & Biola Ave. (150' ± S.W.)
				89				291	
2	48	321	349 5	7 82	250	069	551 5	209 82	F.B. 2858-7
				149 168				184 166	
3	109	140	410 5	109½ 80	145	975	446 5	106 78	
				273 248				30 244	
4	246	482	547 5	219 54	6	164	307 5	6½ 48	
				293 302				130 292	T-Siemann
5	253	878	554 5	213 80	86	908	387 5	42 88	
				246 382				166 380	
6	206	931	507 5	166 80	127	789	428 5	88 78	
				218 462				205 458	
7	174	225	475 5	130 88	160	920	461 5	115 90	
				196 550				166 548	
8	151	541	452 5	106 90	121	656	422 5	76 90	
				232 640				109 638	
9	210	919	511 5	188 44	87	221	388 5	65 44	
				201 684				201 682	
10	183	240	484 5	165 36	182	477	483 5	163 38	
				720 ✓				720 ✓	
								720	
BM 3-1A	1745128 ✓				1374199 ✓			1440	BM 3-1A
	1374199								Stage Rd. & Alondra Blvd. S.E. Cor
	+370929 ✓								F.B. 3708-201

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 95896 DATE 3-71

WEATHER HAZE TIME 9:35 TO 16:15 NOTES CHKD. RCB

T-67°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From BM 3-1A To BM 1-5A
BM 3-1A							BM 3-1A
1	167 712	468 5	201 133 68	250 801	551 5	284 216 68	Stage Rd. & Alondra Blvd. S.E.Cor.
							F.B. 3708-201
2	88 820	389 5	120 56 64	145 809	446 5	177 113 64	
3	165 671	466 5	203 127 76 132	170 020	471 5	207 133 74 132	π R. SIEMANN
4	152 819	453 5	187 117 70 208	170 721	471 5	204 136 68 206	
5	120 159	421 5	158 82 76 278	207 510	508 5	247 167 80 274	
6	62 510	363 5	98 26 72 354	217 000	518 5	254 180 74 354	
7	32 101	333 5	50 14 36 426	246 359	547 5	264 228 36 428	
8	130 674	431 5	165 95 70 462	163 557	464 5	199 127 72 464	
9	221 653	522 5	256 186 70 532	59 310	360 5	93 25 68 536	
10	215 225	516 5	241 189 52 602	86 080	387 5	112 60 52 604	
11	168 762	469 5	202 134 68 654	179 588	480 5	212 146 66 656	
			722 ✓			722 ✓	
						722	BM 1-5A (U.S.C.&G.S. P-51 RESET 1958
	1526106 ✓			1896755 ✓		1444	Stage Rd. & Biola Ave. (150'± S.W.)
BM 1-5A				1526106			
				370649 ✓			F.B. 2858-7

F.B. 4106 PG. 32

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY RANDALL NOTES DREIER 11-16-70

INDEXED C.T. CAMP DATE

JOB NO. 0301.02

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 BM3-1A TO BM3-2
BM 3-1A							BM 3-1A
			198			198	Stage Rd. & Alondra Blvd. S.E. Cor.
1	186 299	487 5	17424	187369	488 5	176 22	F.B. 3708-20
				186299		24	
				-1070		46	
							T=Siemann
							BM 3-2
BM 3-2							Stage Rd., Alondra Blvd. & Estalona Rd. in center divider strip, near ℄ Int.
							F.B. 3708-201

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

SURVEY BY J. Randall WEATHER Hazy Sun INST. NO. 96716

NOTES BY Maldonado DATE 11-9-70 TIME 11:55 ROD NO. 173A&B

INDEXED [illegible] DATE JAN 12 '71 NOTES CHKD RDB DATE 3-71

T-72

F.B. 2106 PG. 33

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4106 PG. 34 | JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY RANDALL NOTES DREIER 11-10-70

INDEXED [redacted] DATE

T-67

WEATHER HAZE | INST. NO. 96716

TIME 9:35 TO | ROD NO. ~~[illegible]~~ 75896

NOTES CHKD RCB | DATE 3-71

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 3-2 TO BM 3-1A
BM 3-2							BM 3-2
1	206 850	507 5	216 196 20	205 830	506 5	215 195 20	Stage Rd., Alondra Blvd. & Escalona Rd., in center divider strip near ℄ Int.
	205 830					20	
						✓40	F.B. 3708-201
	+ 1 020 ✓						
BM 3-1A							BM 3-1A Stage Rd. & Alondra Blvd. S.E. Cor. F.B. 3708-20

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 J. RANDALL WEATHER OVERCAST 76° INST. NO. 96716

NOTES BY G.E. DREIER DATE 11-4-70 TIME 1:20 70 1:45 ROD NO. 1713 A&B

INDEXED G.E. DREIER DATE JAN 12 71 NOTES CHKD RCB DATE 3-71

F.B. 4106 PG. 35

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M 3-2 TO B.M. 3-2A
B.M. 3-2							B.M. 3-2
1	196 827	497 5	212 180 32	157 601	458 5	174 140 34	STAGE RD. & ALONDRA BLVD.
							SEE F.B. 3708-201
2	120 908	421 5	152 88 64 96	194 180	495 5	222 166 56 90	J. MALDONADO
3	150 282	451 5	172 128 44 140	177 830	478 5	201 153 48 138	
4	175 901	476 5	177 173 4 144	193 370	494 5	196 190 6 144	
B.M. 3-2A						144	B.M. 3-2A (ORANGE CO. SUR. RCE. 7872
	643 918			722 981		288	STAGE RD. & DALMATION AVE
				643 918			SEE F.B. 3708-203
				-79 063			
	RERUN 11-10-70 11:25 A.M. TEMP 75° HAZE						RODS # 95 & 96
B.M. 3-2							
1	166 809	467 5	186 146 40	158 262	459 5	178 138 40	
							See descriptions above.
2	128 592	429 5	164 92 72 112	212 243	513 5	246 178 68 108	
3	170 649	471 5	184 156 28 140	174 437	475 5	190 158 32 140 140	
B.M. 3-2A							
	466 050			544 942		280	
				466 050			
				-78 892			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4106 PG. 36 | JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES G.E. DREIER 11-10-70

INDEXED [redacted] DATE

WEATHER HAZE 65° | INST. NO. 96716

TIME 9:15 | ROD NO. 95 & 96

NOTES CHKD RCB | DATE 3-71

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 3-2A TO B.M. 3-2
B.M. 3-2A									B.M. 3-2A
1	135	732	4365	170 100 70	33	118	3345	68 -2 70	STAGE RD. & DALMATION AVE
									SEE F.B. 3708-203
2	162	731	4635	190 134 56 126	136	883	4375	164 108 56 126	
3	151	913	4525	159 143 16 142 ✓	201	495	5025	207 195 12 138 ✓	TT J. MALDONADO
B.M. 3-2								142	B.M. 3-2
	450	376 ✓			371	496 ✓		-280	STAGE RD. & ALONDRA BLVD.
	371	496							SEE F.B. 3708-201
	+78	880 ✓							

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY SIEMANN WEATHER OVERCAST INST. NO 26716

NOTES BY SIEMANN DATE 11-04-70 TIME 1:50 TO 2:10 ROD NO 173+B

INDEXED G.L. GALLOW DATE JAN 12 71 NOTES CHKD RCB DATE 3-71

T = 74°

F.B. 4106 PG. 37

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 3-2A TO B.M. 3-4A
B.M. 3-2A							B.M. 3-2A (ORN. CO. SUR. R.C.E. 7872)
1	74 110	375 5	88 60 28	179300	480 5	194 164 30	STAGE RD. & DALMATION AVE.
							SEE 3708-203
2	181 753	482 5	217 145 72	127350	428 5	161 93 68	
3	141 443	442 5	178 100 104 74	177097	478 5	217 98 137 80	
						178	
4	130 122	431 5	170 174 90 80	181915	482 5	219 143 76	T = MALDONADO
			254			198 254	
5	158037	459 5	194 122 72	160548	461 5	122 76	
			326			330	
6	76567	377 5	100 52 48	220400	521 5	242 198 44	
			374 ✓			374 ✓	
B.M. 3-4A						374	B.M. 3-4A
	762032 ✓			1046610 ✓		748	STAGE RD. & MACOMBER RD
				762032			SEE F.B. 3708-205
				284578 ✓			

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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.

INST. NO. 96716
ROD NO. ~~97113~~ 95-516
DATE 3-71

WEATHER HAZE 67°
TIME 9:55
NOTES CHKD RCB

F.B. 4106 PG. 38
JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDAL NOTES DREIER 11-16-70
INDEXED G.B. DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 3-4A TO B.M. 3-2A
B.M. 3-4A									B.M. 3-4A
1	258	798	559 5	292 224 68	133	820	434 5	167 99 68	STAGE RD. & McCOMBER RD. SEE F.B. 3708-205
2	191	541	492 5	231 151 80	129	945	430 5	170 88 82	
3	158	259	459 5	202 114 88 148	98	745	399 5	140 56 84 150	
4	162	708	463 5	197 127 70 236	178	442	479 5	212 144 68 234	⊼ J. DALDONADO
5	119	945	420 5	155 83 72 306	65	751	366 5	103 27 76 302	
				378				378	
B.M. 3-2A								378	B.M. 3-2A
	891	251			606	703		756	STAGE RD. & DALMATION AVE SEE F.B. 3708-203
	606	703							
	+ 284	548							

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY RAND ALL WEATHER OVERCAST INST. NO 96716

NOTES BY SIEMANN DATE 11-5-70 TIME 2:15 TO 2:45 ROD NO 17138

INDEXED J. GAMA DATE 12 NOTES CHKD. RCB DATE 3-71

T = 72°

F.B. 4106 PG. 39

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM BM.3-4A TO B.M.3-5
B.M.3-4A							B.M. 3-4A
1	84092	385 5	108 60 48	253 160	554 5	278 228 50	STAGE RD. & McCOMBER RD.
							SEE F.B. 3708-205
2	72 776	373 5	97 47 50 98	91 231	392 5	117 65 52 102	
3	161 407	462 5	196 126 70 168	169797	470 5	202 136 66 168	
4	109 912	410 5	145 73 72 240	135336	436 5	170 100 70 238	π = MALDONADO
5	164587	465 5	186 142 44 284	187 407	488 5	210 164 46 284	
6	167 850	468 5	173 161 12 296	161 148	462 5	167 155 12 296	
B.M.3-5						296	B.M.3-5 (U.S.C.&G.S. 5778 1946)
	760624			998 079		592	S.F.R.R. & BEACH BLVD.
				760624			SEE F.B. 1204-9
				237455			

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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.

F.B. 4106 PG. 40 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES G.E. DREIER 11-12-70

INDEXED G. I. GALL DATE

INST. NO. 96716 ROD NO. 93-296 DATE 3-54

WEATHER HAZE 62° TIME 8:30 TO 4:55

NOTES CHKD. RCB

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From B.M. 3-5 To B.M. 3-4A
B.M. 3-5							B.M. 3-5 (U.S.C.&G.S. S-778)
1	89 949	390 5	128 50 78	144 931	445 5	183 105 78	A.T.&S.F.R.R. & BEACH BLVD.
							SEE F.B. 1204-9
2	120 959	421 5	156 84 72	98 716	399 5	134 62 72	
3	155 290	456 5	189 121 68 150	101 243	402 5	134 68 66 150	J. MALDONADO
4	182 701	483 5	212 152 60 218	70 871	371 5	99 41 58 216	
5	221 833	522 5	234 202 26 278	117 187	418 5	132 102 30 274	
			304 ✓			304 ✓	
B.M. 3-4A						304	B.M. 3-4A
	770 732 ✓			532 948 ✓		608 ✓	STAGE RD. & McCOMBER RD.
	532 948						SEE F.B. 3708-205
	+237 784 ✓						

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY J. E. RANDALL

NOTES BY G. E. DREIER DATE 11-10-70 WEATHER 80° HAZE INST. NO. 36716

INDEXED R. L. GALL DATE JAN 12 71 TIME 1:00 TO 1:20 ROD NO. 75846

NOTES CHKD RCB DATE 3-71

F.B. 4106 PG. 41

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
				RERUN			FROM B.M. 3-4A TO BM. 3-5
B.M. 3-4A							B.M. 3-4A
1	85190	386 5	110 60 50	254593	555 5	279 229 50	STAGE RD. & McCOMBER RD
							SEE F.B. 3708-205
2	43950	344 5	76 10 66	172953	473 5	205 139 66	
3	133597	434 5	116 172 94 78	155390	456 5	116 194 116 78	J. MALDONADO
4	170144	471 5	194 205 135 70	110410	411 5	146 194 74 72	
5	176871	477 5	264 190 162 28	153991	454 5	167 266 139 28	RERUN
			292			294	
B.M. 3-5						292	B.M. 3-5 (U.S.C.&G.S. S-778 1946)
	609752			847337		586	AT. & S.F.R.R. & BEACH BLVD.
				609752			
				237585			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4106 PG. 42

SURVEY OF L.A.Co. PRECISE LEVELNET JOB NO. 0301.02

SURVEY BY RANDALL NOTES G.E. DREIER DATE 11-10-70

INDEXED B.A. GALE DATE

WEATHER HAZE + SUN 80° TIME 1:20 TO 1:45 NOTES CHKD RCB

INST. NO. 96716 ROD NO. 95896 DATE 3-71

STATION	BACKSIGHT				FORESIGHT RERUN				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 3-5 TO BM. 3-4A
B.M.3-5									B.M. 3-5 (U.S.C.&G.S. 5778
1	110	891	411 5	145 75 70	169	170	470 5	202 136 66	A.T.&S.F.R.R. & BEACH BLVD.
									SEE F.B. 1204-9
2	123	372	424 5	160 86 74	142	823	443 5	180 104 76	
									↑ J. MALDONADO
3	198	768	499 5	234 144 162 72	81	041	382 5	115 142 47 68	
									RERUN
4	180	262	481 5	210 216 150 60	67	810	368 5	100 210 34 66	
									↑
5	211	629	512 5	225 276 197 28	126	637	427 5	140 276 112 28	
				304 ✓				304 ✓	
B.M. 3-4A								304	B.M. 3-4A
	824	922 ✓			587	481 ✓		608	STAGE RD. & McCOMBER RD
	587	481							SEE F.B. 3708-205
	+ 237	441 ✓							

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

NOTES BY SIEMANN

INDEXED [redacted] GALLI

DATE 11-04-70

DATE [redacted]

WEATHER OVERCAST

TIME 2:45 TO 3:00

NOTES CHKD RCB

INST. NO 96716

ROD NO 1713 A B

DATE 3-71

T = 74°

F.B. 4106 PG. 43

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 3-5 TO B.M. 3-6B
B.M. 3-5							B.M. 3-5 (U.S.C. & G.S. 5-77B 1946)
1	135250	436 5	158 112 46	202950	503 5	225 179 46	A.T.&S.F.R.R. & BEACH BLVD. SEE F.B. 1204-9
2	239543	540 5	276 202 74	215953	516 5	252 178 74	
3	199007	500 5	235 163 72 120	49121	350 5	88 10 78 120	
4	183811	484 5	220 146 74 192	112793	413 5	148 76 72 198	T = MALDONADO
5	143717	444 5	162 124 38 266	130551	431 5	143 113 30 270	
6	176370	477 5	186 166 20 304	158611	459 5	170 146 24 300	
			324			324	
B.M. 3-6B						324	B.M. 3-6B
	1077698			869979		648	BEACH BLVD. & MALVERN AVE. SEE F.B. 3708-237
	869979						
	207719						

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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.

INST. NO. 96716
ROD NO. 171348
DATE 3-71

WEATHER HAZE
TIME 3:10 PM
NOTES CHKD RCB

F.B. 4106 Pg. 44

JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY CHUDAL NOTES DREIER 11-10-70
INDEXED S.E. GALL DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 3-6B TO B.M. 3-5
B.M. 3-6B									B.M. 3-6B
1	135	219	436	5 175 95 80	230	589	531	5 271 189 82	BEACH BLVD. & MALVERN AVE
									SEE F.B. 3708-237
2	77	977	378	5 116 38 78	183	440	484	5 221 145 76	
3	160	807	461	5 204 158 116 88	187	300	488	5 232 158 142 90	T J. MALDONADO
4	109	279	410	5 148 246 70 78	89	804	390	5 227 248 51 76	
				324				324	
B.M. 3-5								324	B.M. 3-5 (U.S.C.&G.S. S-778 1946)
	483	282			691	133		648	BEACH BLVD. & A.T. & S.F. RR.
					483	282			SEE F.B. 1204-9
					207	851			

76P526B CE # 308 8/68

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

Do not extend notes this side of this line.

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

SURVEY BY RANDALL SIEMANN DATE 11-04-70 WEATHER OVERCAST INST. NO 96716

NOTES BY G. J. GALEN DATE JAN 12 71 TIME 3:10 TO 3:30 ROD NO 171345

INDEXED NOTES CHKD RGB DATE 3-71

T = 74°

F.B. 4106 PG. 45

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 3-6B TO B.M. 3-6A
B.M. 3-6B							B.M. 3-6B
1	237 677	538 5	264 210 54	29 149	330 5	57 1 56	BEACH BLVD. & MALVERN AVE.
							SEE F.B. 3708-237
2	235 752	536 5	260 210 50	10 700	311 5	34 10 48	
			104 ✓			104 ✓	T = MALDONADO
B.M. 3-6A						104	
	473 429 ✓			~~398~~		✓208	B.M. 3-6A
	39849			39849 ✓			BEACH BLVD. & BR.# 55-58
	+ 433 580 ✓						SEE F.B. 3708-209

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4106 PG. 46 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES G.E. DRERER 11-9-70

INDEXED C.H. GATES DATE

WEATHER HAZE 79° TIME 2:55 PM NOTES CHKD RCB

INST. NO. 96716 ROD NO. 1348 DATE 3-71

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM. 3-6A TO BM. 3-6B
BM. 3-6A							BM. 3-6A
1	15 723	316 5	45 / 215 60	294 541	595 5	294 / 261 66	N. OF LA MIRADA BLVD BEACH BLVD. & BR. # 55-58
						237	SEE F.B. 3708-209
2	63 200	364 5	86 / 40 46	218 031	519 5	199 38	
			106			104 / 106	TT J. MALDONADO
BM. 3-6B	78 923			512 572		210	BM. 3-6B. (DIELVERN) BEACH BLVD. & LA MIRADA
				78 923			SEE 3708-237
				433 649			

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 J. Randall

NOTES BY Maldonado DATE 11-5-70 TIME 9:40 WEATHER Overcast INST. NO. 76716

INDEXED [illegible] GALLI DATE JAN 12 '71 NOTES CHKD RCB DATE 3-71 ROD NO. 1713 DB

F.B. 4106 Pg. 47

T-

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 3-6A TO BM 3-6C
BM 3-6A			189			153	BM 3-6A
1	138 529	439 5	87 182	103 710	4045	53 100	Beach Blvd. & Bridge #55-58
			246			138	F.B. 3708-209
2	206 595	507 5	166 80	97 918	3985	56 82	
			263 182			145 182	
3	228 480	529 5	193 70	109 851	4105	73 72	
			201 252			145 254	T-Siemann
4	188 670	459 5	175 26	133 128	4345	121 24	
			278 ✓			278 ✓	
						278	
	762294 ✓			444607 ✓		556	BM 3-6C
	444607						Beach Blvd. & Argyle Dr.
BM 3-6C	+317667 ✓						See F.B. 3708-239 So. Headwall

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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.

INST. NO. 98716
ROD NO. 95896
DATE 3-71

78° WEATHER HAZE
TIME 2:46 TO 2:55
NOTES CHKD RCB

F.B. 4106 Pg. 48
JOB NO. 0301.02
SURVEY OF LA Co. PRECISE LEVEL NET
SURVEY BY RANDALL NOTES DREIER 11-9-70
INDEXED [redacted] DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM. 3-6C TO BM. 3-6A
BM. 3-6C									BM. 3-6C
1	78	962	379 5	109 47 62	220	851	521 5	252 188 64	BEACH BLVD. & ARGYLE DR.
									SEE F.B. 3708 - ~~2H~~ 239
2	93	456	394 5	130 56 74	221	775	522 5	259 183 76	
3	81	122	382 5	123 136 39 84	181	190	482 5	219 140 143 76	
4	143	190	444 5	173 220 113 60	90	661	391 5	122 216 58 64	⊼ R. SIEMANN
				280 ✓				280 ✓	
BM. 3-6A								280	BM. 3-6A
	396	730 ✓			714	477 ✓		560	BEACH BLVD. AT BR. #55-58
					396	730			N OF LA MARADA BLVD
									SEE F.B. 3708-209
					-317	747 ✓			

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.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 3-6C TO BM 3-7A
BM 3-6C			252			118	BM 3-6C
1	213 029	514 5	174 78	79 429	380 5	40 78	Beach Blvd. & Argyle Dr.
			299			87	F.B. 3708 - 24239 So. Headwall
2	257 813	558 5	215 84	44 178	345 5	1 86	
			290 162			61 164	
3	290 770	591 5	249½ 82	22 209	323 5	22½ 78	
			252 244			118 42	T-Siemann
4	226 680	527 5	200 52	91 349	392 5	64 54	
			248 296			156 296	
5	214 745	515 5	180 68	121 160	422 5	85 71	
			133 364			138 367	BM 3-7A
6	131 824	432 5	129 4	137 349	438 5	136 2	Beach Blvd. & Rosecrans Ave.
BM 3-7A			368			369	F.B. 2861-8 N.W. Cor.
						368	
	1334861			495 674		737	
	495 674						
	+ 839 187						

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

SURVEY BY J. Randall DATE 11-5-70 WEATHER Hazy Sun INST. NO. 26716

NOTES BY [redacted] DATE TIME 9:55 ROD NO. 17134 & P

INDEXED [redacted] DATE [redacted] NOTES CHKD. RCB DATE 3-71

T 70°

F.B. 4106 Pg. 49

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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. 4196 PG. 50 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES DREIER 11-9-70

INDEXED [redacted] DATE

WEATHER HAZE INST. NO. 9616

TIME 2:20 TO 2:40 ROD NO. 25 & 26

NOTES CHKD RCB DATE 3-71

79°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM. 3-7A TO BM. 3-6C
B.M. 3-7A							B.M. 3-7A
1	57051	3585	103 11 92	228005	5295	270 186 84	BEACH BLVD. & ROSECRANS AVE, N.W. COR
							SEE F.B. 2861-8
2	73923	3745	102 44 58	284566	5855	284 ½ 251 66	
3	30602	3315	65 150 ½ 30 70	233891	5345	267 150 199 68	T. R. SIEMANN
4	73892	3745	111 220 35 76	236661	5375	273 218 199 74	
5	78109	3795	111 296 45 66	169800	4705	205 292 133 72	
			362 ✓			364 ✓	
B.M. 3-6C						362	B.M. 3-6C
	313577 ✓			1152923 ✓		✓ 726	BEACH BLVD & ARGYLE DR.
				313577			SEE F.B. 3708-239
				839346 ✓			

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY J. Randall DATE 11-5-70 WEATHER Hazy Sun INST. NO. 26716

NOTES BY Maldonado TIME 10:20 ROD NO. 17134 & B

INDEXED [redacted] DATE [redacted] NOTES CHKD RCB DATE 3-71

T-70°

F.B. 4106 PG. 51

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 3-7A TO BM 3-8C
BM 3-7A			226			163	BM 3-7A
1	199 903	500 5	172 54	136 963	437 5	109 54	Beach Blvd. & Rosecrans Ave.
			272			100	F.B. 2861-8 N.W. Cor.
2	233 636	534 5	194 78	61 780	362 5	22 78	
			294 132			68 132	
3	256 301	557 5	218 76	31 461	332 5	31 ½ 74	
			288, 208			38 206	T-Siemann
4	288 351	589 5	260 56	10 340	311 5	10 ½ 56	
			297, 264			35 262	
5	297 435	598 5	276½ 42	13 552	314 5	13 ½ 44	
			299, 306			82 306	
6	299 395	600 5	278½ 42	61 238	362 5	40 42	
			274 348			143 348	
7	249 377	550 5	224 50	118 649	419 5	93 50	
			174 398			183 398	
8	166 999	467 5	158 16	174 181	475 5	165 18	
			414 ✓			416 ✓	
						414	
	1991 397 ✓			608 164 ✓		830	
	608 164						
	+1383 233 ✓						
BM 3-8C							2-6-7-68 BM 3-8C (Orange Co. Surveyor Bench Mark) Beach Blvd. & F.B. 3708-241

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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. 4106 PG. 52 | JOB NO. 030102 | SURVEY OF L.A.Co. PRECISE LEVEL NET | SURVEY BY RANDALL NOTES DEIER 11-9-70 | INDEXED ☐ DATE

WEATHER HAZE & SMOG INST. NO 96176 | TIME 1:50 12 2 20 ROD NO 95 | NOTES CHKD RCB DATE 3-71

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM. 3-8C TO BM. 3-7A
Bm. 3-8C							
1	72968	3735	112 32 80	294 131	5955	294 257 74	B.M. 3-8C (OR. Co. B.M. 2C-67-68) NE CORNER ROSECRANS BEACH BLVD. AT CREST OF HILL
2	22617	3235	38 6 32	288 619	5895	307 269 38	SEE F.B. 3708-~~213~~ 241
3	43406	3445	59 112 27 32	261 320	5625	278 112 244 34	T R. SIEMANN
4	6983	3075	136 144 2 6 60	272 729	5735	301 146 243 58	
5	31931	3325	66 204 31 70	238 117	5395	274 204 202 72	
6	85091	3865	117 274 53 64	226 819	5275	259 216 193 66	
7	160890	4615	187 338 133 54	224 654	5255	249 342 199 50	
			392			392	
Bm. 3-7A						392	Bm 3-7A
	423286			1806389		784	BEACH BLVD & ROSECRANS AVE, NE cor
				423286			SEE F.B. 2861-8
				1383103			

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY J. Randall WEATHER Hazy Sun INST. NO. 26716

NOTES BY Maldonado DATE 11-5-70 TIME 11:00 ROD NO. 1713 A&B

INDEXED L.G. GALT DATE JAN 12 '71 NOTES CHKD RCB DATE 3-71

T-74° F.B. 4106 PG. 53

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 3-8C TO BM 3-8B
BM 3-8C							BM 3-8C (Orange Co. Surveyor B.M. 2C-67-68)
			249			140	
1	242309	543 5	235 14	134830	435	128 12	
	134830					14	F.B. 3708-241
	+107479					26	
							↑ Siemann
							BM 3-8B (Orange Co. BM R.E. 7872)
BM 3-8B							Beach Blvd. &
							F.B. 3708-213

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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. 4106 PG. 54 | JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES Maldonado

INDEXED ~~A.L.~~ DATE

T = 800

WEATHER Haze

TIME 1:30

NOTES CHKD RCB

INST. NO. ~~75334~~ 96716

ROD NO. ~~95496~~

DATE 3-71

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM 3-8B TO 3-8C
B.M. 3-8B									B.M. 3-8B
			141				247		Orange Co. B.M. (R.E. 7872)
1	134 298	435 5	127	14	241 800	542 5	235	12	Beach Blvd. F.B. 3708-213
								14	↑ Siemann
					134 298			26	
B.M. 3-8C					107 502				B.M. 3-8C
									Orange Co. № 2C-67-68
									Beach Blvd. F.B. 3708-241

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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 3-8B TO BM 3-8A
BM 3-8B									BM 3-8B (orange Co. B.M. R.E. 7872)
				160				242	Beach Blvd. &
1	152	109	453 5	144 16	235	038	536 5	228 14	
					152	109		16	F.B. 3708-213
					-82	929 ✓		-30	
									T R. SIEMANN
									BM 3-8A
									Beach Blvd. &
BM 3-8A									
									F.B. 3708-213
			RERUN	1145	NOV. 9	1970	TEMP ~	80°	HAZE
3-8B				170				253	
1	163	252	464 5	156 14	246	318	547 5	239 14	
					163	252		14	
								28 ✓	
3-8A					-83	066 ✓			

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

SURVEY BY J. Randall WEATHER Hazy Sun INST. NO. 96714

NOTES BY M. Jolcza DATE 11-5-70 TIME 11:05 ROD NO. 71348

INDEXED DATE NOTES CHKD. RCB DATE 3-71

T-74°

F.B. 4106 PG. 55

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM 3-8A TO 3-8B
BM. 3-8A									BM. 3-8A OR. Co
								169	BEACH BLVD.
1	244671	5455	251 237	14	161 661	4625	153	16	SEE F.B. 3708-213
	161 661							14	
								30	T Siemann
BM. 3-8B	+ 83 010	✓							BM. 3-8B. Or. Co. BM. 2C-67-68)
									SEE F.B 3708-213

F.B. 4106 PG. 56

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES DREIER 11-9-70

INDEXED B. G. GALLY DATE

JOB NO. 0301.02

WEATHER HAZE INST. NO. 66716

TIME 1:25 ROD NO. 23 #2

NOTES CHKD RCB DATE 3-71

82°

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY J. Randall WEATHER Hazy Sun INST. NO 96716

NOTES BY Maldonado DATE 11-5-70 TIME 11:10 ROD NO 74348

INDEXED G. J. GALL DATE JAN 12 71 NOTES CHKD RCB DATE 3-71

T-74°

F.B. 4106 PG. 57

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 3-8A TO BM 3-9
BM 3-8A			222			199	BM 3-8A
1	195 542	496 5	168 54	172 855	473 5	145 54	Beach Blvd.,
2	102 711	403 5	127 77 50	228 720	529 5	254 202 52	F.B. 3708-213
3	126 411	427 5	141 111 30 104	175 780	476 5	190 160 30 106	
4	153 822	454 5	161 145 16 134	241 797	452 5	249 233 16 136	
			150 ✓			152 ✓	T-Siemann
						150	
	578 486 ✓			819 152 ✓		302 ✓	
				578 486			
			-	240 666 ✓			BM 3-9 (U.S. M-779)
BM 3-9							Beach Blvd. &
							F.B. 3708-215
	RERUN 11-9-70 1:30 P.M. TEMP = 82°						
BM. 3-8A							
1	257 421	558 5	294 220 74	207 950	508 5	242 172 70	
2	64 691	365 5	88 40 48 122	246 932	547 5	270 222 48	See descriptions above
3	140 740	441 5	148 132 16	248 351	549 5	258 238 20 118	
			138 ✓			138 ✓	
BM. 3-9						138	
	462 852 ✓			703 233 ✓		276 ✓	
				462 852			
			-	240 381 ✓			

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 9676 ROD NO. 35896 DATE 3-71

WEATHER HAZE TIME 1:00 TO 1:20 NOTES CHKD RCB

84°

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM 3-9 TO 3-8A
B.M. 3-9							B.M. 3-9 (U.S. M-779)
1	283 772	584 5	306 260 46	72 138	373 5	94 50 44	BEACH BLVD.
2	244 870	545 5	269 219 50	117 100	418 5	143 91 52	SEE F.B. 3708-215
3	165 695	466 5	183 96 147 36	221 734	522 5	241 96 201 40	
4	164 779	465 5	168 132 160 8	207 778	528 5	209 136 205 4	R. SIEMANN
			140 ✓			140 ✓	
B.M. 3-8A						140	B.M. 3-8A (La Habra C-12)
	859 116 ✓			618 750 ✓		+ 220	BEACH BLVD. (R.M. No 4)
	618 750						F.B. 3708-213
	+ 240 366 ✓						

F.B. 4106 PG. 58

JOB NO. 0301.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY RANDALL NOTES G.E. DREIER 11-9-70

INDEXED [illegible] DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY J. Randall

NOTES BY S.E. MANN

INDEXED S.E. GALLO

DATE 11-5-70

DATE 12

WEATHER OVERCAST

TIME 11:35 TO 12:00

NOTES CHKD RCB

INST. NO 86716

ROD NO 71344

DATE 3-71

T-70°

F.B. 4106 PG. 59

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM BM 3-9 TO BM 3-9B
B.M. 3-9							B.M. 3-9 (U.S. M 779)
1	255 881	556 5	290 / 220 70	145 105	446 5	179 / 111 68	BEACH BLVD. ℄
							SEE F.B. 3708-215
2	165 480	466 5	199 / 131 68	115 485	416 5	149 / 81 68	
			138			136	
3	281 217	582 5	281 / 252 58	20 913	321 5	149 / 220 58	
			196			194	
4	183 828	484 5	215 / 151 64	193 551	494 5	224 / 162 62	T: MALDONADO
			260			256	
5	61 181	362 5	95 / 27 68	182 676	483 5	219 / 145 74	
			328			330	
6	125 933	426 5	143 / 107 36	130 278	431 5	148 / 112 36	
			364 ✓			366 ✓	
						364	B.M. 3-9B (ORN. CO. B.M. 2C-68-68)
B.M. 3-9B						730	BEACH BLVD.
							SEE F.B. 3708-243
	1073520 ✓			788008 ✓			
	788008						
	+285512 ✓						

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F.B. 4106 PG. 60 | JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES G.E. DREIER 11-2-70

INDEXED [redacted] DATE

WEATHER HAZE 80° TIME 11:25 TR NOTES CHKD RCB

INST. NO. 26716 ROD NO. 25 DR DATE 3-71

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 3-9B TO B.M. 3-9
B.M. 3-9B				292				159	B.M. 3-9B (O.CO.B.M. 2C 68-68)
1	274	489	575 5	256 36	140	039	441 5	121 38	BEACH BLVD, 0.1MI. S. of IMPERIAL HWY
				183				186	SEE F.B. 3708-243
2	155	210	456 5	127 56	159	156	460 5	132 54	
				197 92				174 92	
3	163	620	464 5	129 68	140	778	441 5	106 68	
				98 160				298 160	T J. MALDONADO
4	63	432	364 5	28 70	298	938	599 5	266 64	
				90 230				203 224	
5	55	971	356 5	½ 55 70	165	693	466 5	127 76	
				300				272 300	
6	142	627	443 5	178 106 72	236	338	537	200 72	
				372 ✓				372 ✓	
B.M. 3-9								372	B.M. 3-9 (U.S. M 779)
	+ 855 349 ✓				- 1140 942 ✓			✓ 744	BEACH BLVD.
					+ 855 349				SEE F.B. 3708-215
					- 285 593 ✓				

76P526B CE # 308 8/68

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

SURVEY BY RANDALL WEATHER OVERCAST INST. NO 16716

NOTES BY SIEMANN DATE 11-5-70 TIME 1:20 TO 1:30 ROD NO 17138

INDEXED [redacted] DATE JAN 12 [redacted] NOTES CHKD RCB DATE 3-71

T = 76

F.B. 4106 PG. 61

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M.3-9B TO B.M.3-11B
B.M.3-9B							B.M.3-9B (O.CO. B.M. 2C-68-68)
1	157 268	4585	196 118 78	93 546	3945	130 56 74	BEACH BLVD.
							SEE F.B. 3708-243
2	79373	3805	92 66 26	190 488	4915	203 177 26	T = MALDONADO
			104 ✓			100 ✓	
B.M.3-11B						104	B.M.3-11B (O.CO. B.M.R.C.E. 7872)
	236 641 ✓			284 034 ✓		✓ 204	BEACH BLVD.
				236 641			SEE F.B. 3708-217
				47 393 ✓			

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 4106 PG. 62 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES DREIER 11-9-70

INDEXED R.D. GALD DATE

WEATHER 80° INST. NO. 96116

TIME 11:10 TO 11:15 ROD NO. 95878

NOTES CHKD RCB DATE 3-71

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM B.M. 3-11B TO B.M. 3-9B
B.M. 3-11B											B.M. 3-11B (O.CO. B.M. R.C.E. 7872)
1	173	668	474 5	197 149	48	101	527	402 5	124? 75	49	BEACH BLVD.
											SEE F.B. 3708-217
2	213	839	514 5	241 185	56	238	701	539 5	264 212	52	
					104 ✓					101 ✓	A J. MALDONADO
B.M. 3-9B										104	B.M. 3-9B (OR. CO. B.M. 2C-68 68
	387	507 ✓				340	228 ✓			205	BEACH BLVD. 0.1 MI. S. OF IMPERIAL HWY
	340	228									F.B. 3708-243
	+47	279 ✓									
B.M. 3-11B	RERUN		11-9-70,	11:15		A.M. TEMP. - 80°					
1	188	328	489 5	219 157	62	78	216	379 5	111 45	66	See descriptions above.
2	190	431	491 5	210 170	40	253	182	554 5	272 234	38	
					102 ✓					104 ✓	
B.M. 3-9B										102	
	378	759 ✓				331	398 ✓			206	
	331	398									
	+47	361 ✓									

76P526B CE # 308 8/68

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 3-11B TO B.M. 3-12
B.M. 3-11B							B.M. 3-11B (OR.CO. B.M. (R.C.E. 7872)
1	249064	550 5	284 214 70	130501	431 5	166 94 72	Beach Blvd.
							F.B. 3708-217
2	195463	496 5	231 159 72	114900	415 5	149 79 70	
3	184019	485 5	223 142 145 78	91519	392 5	131 142 51 80	
4	184963	485 5	228 220 140 88	133435	434 5	176 222 90 86	
5	207070	508 5	246 308 168 78	90030	391 5	129 308 51 78	T = MALDONADO
6	164661	465 5	194 386 134 60	91331	392 5	121 386 61 60	
7	155799	456 5	162 446 148 14	232340	533 5	239 446 225 14	
			460 ✓			460 ✓	
B.M. 3-12						460	B.M. 3-12
	1341039 ✓			884056 ✓		920	BEACH BLVD. & IMPERIAL HWY.
	884056						SEE F.B. 3708-219
	+ 456983 ✓						

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

SURVEY BY RANDALL

NOTES BY SIEMANN

INDEXED [illegible]

DATE 11-5-70

DATE JAN 12 [illegible]

WEATHER OVERCAST

TIME 1:35 TO 2:10

NOTES CHKD. RDB

T = 74°

INST. NO. 26716

ROD NO. 1713HB

DATE 3-71

F.B. 4106 PG. 63

PLEASE RETURN TO

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F.B. 4106 PG. 64

SURVEY OF L.A.Co. PRECISE LEVEL NET JOB NO. 030102

SURVEY BY SANTALL NOTES DREIER DATE 11-9-70

INDEXED B.B. DATE

WEATHER 78° HAZE SCATTERED DS, TW INST. NO. 86776

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

NOTES CHKD RCB DATE 3-71

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS From 3-12 To 3-11B
B.M 3-12							B.M. 3-12
1	228 456	529 5	240 216 24	212 947	513 5	224 200 24	BEACH BLVD. & IMPERIAL HWY S.E. COR. SEE F.B. 3708-219
2	92 891	393 5	128 56 72	190 169	491 5	228 152 76	
3	136 687	437 5	171 96 101 70	165 262	466 5	200 100 130 70	T J. MALDONADO
4	127 292	428 5	162 166 92 70	182 490	483 5	215 170 149 66	
5	116 184	417 5	153 236 79 74	190 966	491 5	226 236 154 72	
6	108 468	409 5	141 310 75 66	191 662	492 5	224 308 158 68	
7	119 166	420 5	144 376 94 50	186 336	487 5	211 376 161 50	
8	99 837	400 5	115 426 83 32	165 936	466 5	181 426 149 32	
			458 ✓			458 ✓	
B.M. 3-11B						458	B.M. 3-11B (OR. C. BM.
	1028 981 ✓			1485 768 ✓		916	BEACH BLVD. 0.6 MI. S. OF IMPERIAL HWY. SEE F.B. 3708-217
				1028 981			
				456 787 ✓			

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 3-12 TO B.M. 3-12A
B.M. 3-12							B.M. 3-12
1	227 221	528 5	233 221 12	135 438	436 5	142 128 14	BEACH BLVD. & IMPERIAL HWY.
							SEE F.B. 3708-219
2	139 291	440 5	166 112 54	42 133	343 5	68 16 52	
			66			66	
3	173 888	474 5	280 166 14	119 332	420 5	125 113 12	T = MALDONADO
			80 ✓			78 ✓	
B.M. 3-12A						80	B.M. 3-12A (OR. CO. B.M. 2C-70-68)
	540 400 ✓			296 903 ✓		158	BEACH BLVD. & IMPERIAL HWY.
	296 903						F.B. 3708-245
	243 497 ✓						

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

SURVEY BY RANDALL WEATHER OVERCAST T = 74°

NOTES BY SIEMANN DATE 11-5-70 TIME 2:15 TO 2:25 ROD NO. 17 INST. NO. 26716

INDEXED [redacted] DATE [redacted] NOTES CHKD. RCA DATE 3-71

F.B. 4106 PG. 65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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INST. NO. 96716
ROD NO. 95896
DATE 3-71

WEATHER CLOUDY
TIME 3:05 TO
NOTES CHKD RCB

T=680

F.B. 4106 PG. 66

JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANPAK NOTES SIEMANN 11-06-70
INDEXED [redacted] DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.		LEFT.	STADIA	RIGHT MIC.		LEFT.	STADIA	FROM B.M. 3-12A TO B.M. 3-12
B.M. 3-12A									B.M. 3-12A (OR.CO.B.M. 2C-70-68)
1	73	487	374 5	91 55 36	208	219	509 5	226 190 36	IMPERIAL HWY & BEACH BLVD.
									SEE F.B. 3708-245
2	116	599	417 5	139 93 46	225	577	526 5	248 202 46	
				82 ✓				82 ✓	T = MALDONADO
B.M. 3-12								82	B.M. 3-12
	190	086 ✓			433	796 ✓		164	BEACH BLVD. & IMPERIAL HWY.
					190	086			SEE F.B. 3708-219
					243	710 ✓			

76P526B CE # 308 8/68

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RERUN

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 3-12	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 3-12 TO B.M. 3-12A
1	212	~~159~~ 159	513 5	~~219~~ 207 10	115	061	416 5	~~100~~ 110 10	B.M. 3-12
									Beach Blvd. @ Imperial Hwy.
2	143	460	444 5	180 106 74	31	922	332 5	67 31½ 72	F.B. 3708-219
								82	⊼ Maldonado
3	192	702	493 5	198 186 12	157	570	458 5	165 149 16	RERUN
				✓96				✓98	B.M. 3-12A
B.M. 3-12A +	548	321 ✓			304	553 ✓		96	Imperial Hwy @ Bridge
-	304	553						✓194	F.B. 3708-245
+	243	768 ✓							

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

SURVEY BY Rinckel

NOTES BY "

INDEXED A. T. GALL

DATE 9-NOV-70

DATE NOV 12

WEATHER Clear-Calm

TIME 10:00

NOTES CHKD RCB

INST. NO 96716

ROD NO 95-96

DATE 3-71

T= 68

F.B. 4106 PG. 67

F.B. 4106 PG. 68 | JOB NO. 030102

SURVEY OF

SURVEY BY Lombell NOTES

INDEXED B.G. GALLI DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD. DATE

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM TO
		BLANK					

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY RANDALL

NOTES BY [redacted]

INDEXED [redacted]

DATE 11-5-70

DATE [redacted] 12 70

WEATHER OVERCAST T = 72°

TIME 2:30 TO 3:05

NOTES CHKD [redacted]

DATE 3-71

INST. NO. 96716

ROD NO. 17134B

F.B. 4106 PG. 69

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM B.M.3-12A TO B.M.3-13A
B.M.3-12A									B.M.3-12A (OR. CO. B.M. 2C-70-68)
1	225 238		526 5	251 / 199 52	3 596		304 5	129 / 3 52	IMPERIAL HWY. & BEACH BLVD.
									F.B. 3708-243
2	286 159		587 5	307 / 267 40	5 143		306 5	122 / 5 34	
3	238 951		539 5	247 / 229 18	11 911		312 5	86 / 23 0 23	
4	278 689		579 5	289 / 267 22	18 808		319 5	110 / 29 7 22	
5	296 659		597 5	296 / 283 26	23 704		324 5	109 / 35 11 24	
6	292 079		593 5	292 / 280 24	6 322		307 5	131 / 19 6 26	π = MALDONADO
7	279 840		580 5	291 / 267 24	30 252		331 5	155 / 43 17 26	
8	265 709		566 5	280 / 250 30	44 071		345 5	181 / 57 30 27	
9	279 750		580 5	308 / 252 56	100 291		401 5	206 / 127 73 54	
10	125 271		426 5	148 / 102 46	258 540		559 5	234 / 282 234 48	
				336				288 / 336	
B.M.3-13A								336	B.M.3-13A
	+2568345				502 638			672	IMPERIAL HWY.
	-502 638								F.B. 2861-11
	+2065 707								

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F.B. 4106 PG. 70 | JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES SIEMANN 11-6-70

INDEXED C.J. GANEY DATE

T = 680

WEATHER CLOUDY INST. NO. 96716

TIME 2:25 TO 3:05 ROD NO. 95496

NOTES CHKD RCB DATE 3-71

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 3-13A TO B.M. 3-12A
B.M. 3-13A									B.M. 3-13A
1	268928	569	5	295 241 54	118350	419	5	144 92 52	IMPERIAL HWY
									F.B. 2861-11
2	81328	82 382	5	112 50 62	301236	602	5	1/2 301 271 60	
3	22566	323	5	116 36 8 28	281049	582	5	295 112 267 28	
4	3772	304	5	144 1/2 18 3 30	294294	595	5	294 140 1/2 279 30	
5	3040	304	5	174 1/2 16 3 26	296049	597	5	296 170 1/2 282 28	
6	19182	320	5	200 31 7 24	297988	598	5	297 198 1/2 285 24	T = MALDONADO
7	4619	305	5	224 1/2 20 4 32	298973	599	5	298 222 1/2 284 28	
8	24580	325	5	256 36 12 24	289012	590	5	306 250 273 33	
9	30839	331	5	280 46 14 32	226820	527	5	242 283 210 32	
10	76007	377	5	312 90 62 28	196894	497	5	207 315 184 23	
				340				338	
B.M. 3-12A					665			340	B.M. 3-12A (O.CO. B.M. 2C-70-68)
	+534915				+2600750			678	IMPERIAL HWY. & BEACH BLVD.
					+534915				SEE F.B. 3708-245
					-2065835				
					-2065750				

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY R. HANPACK

NOTES BY S. J. EMMANN DATE 11-5-70

INDEXED C. J. GALE DATE JAN 12 71

WEATHER OVERCAST TIME 3:10 TO 3:40

NOTES CHKD RCB DATE 3-71

INST. NO 96716

ROD NO 17134B

F.B. 4106 PG. 71

T = 72°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 3-13A TO B.M. 3-14A
B.M. 3-13A							B.M. 3-13 A
1	89353	390 5	103 75 28	252365	553 5	261 238 28	IMPERIAL HWY
							F.B. 2861-11
2	12404	313 5	128 212 32	298889	599 5	298 282 32	
			60				60
3	6371	307 5	21 6 30	263919	564 5	278 248 30	
			90				90
4	68722	369 5	98 38 60	26858	327 5	156 226 60	
			150				150
5	267210	568 5	283 251 32	4820	305 5	20 4 32	
			182				182
6	282701	583 5	297 267 30	36132	337 5	51 21 30	T = MALDONADO
			212				212
7	287501	588 5	303 271 32	11433	312 5	27 11 32	
			244				244
8	278211	579 5	296 260 36	39852	340 5	56 22 34	
			280				278
9	281284	582 5	281 242 78	123134	424 5	162 84 78	
			358				356
10	107837	408 5	142 72 70	200569	501 5	235 165 70	
			428				426
							428
B.M. 3-							B.M. 3-14A
	+ 1681594			- 1257971		854	IMPERIAL HWY. & FIRST ~~ST.~~ AVE.
	- 1257971						SEE F.B. 3708-223
	+ 423623						

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4106 PG. 72 | JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES SIEMANN 11-6-70

INDEXED G.J. GALLI DATE

WEATHER CLOUDY INST. NO. 96716

TIME 1:40 TO 2:20 ROD NO. 95596

NOTES CHKD RCB DATE 3-71

T = 68°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 3-14A TO B.M. 3-13A
B.M. 3-14A									B.M. 3-14A
1	185	510	486	5 220 150 70	122	729	423	5 157 87 70	IMPERIAL HWY. & FIRST AVE.
									SEE F.B. 3708-223
2	139	110	140	5 176 102 74	261	259	562	5 296 226 70	
3	27	217	328	5 50 144 4 46	299	245	600	5 299 140 279 40	
4	73	513	374	5 82 190 64 18	276	468	577	5 290 180 262 28	
5	24	611	325	5 39 208 9 30	268	620	569	5 283 208 253 30	
6	40	996	341	5 51 238 29 22	242	100	543	5 253 238 231 22	T = MALDONADO
7	4	570	305	5 22 260 4 36	218	362	519	5 236 260 200 36	
8	150	704	451	5 175 296 125 50	16	910	317	5 42 296 216 52	
9	256	968	557	5 266 346 240 20	44	790	345	5 53 348 35 18	
10	224	223	525	5 233 366 215 18	62	138	363	5 71 366 53 18	
11	279	917	580	5 294 384 264 30	41	297	342	5 57 384 25 32	
12	168	704	469	5 176 414 160 16	145	877	446	5 153 416 137 16	
				430 ✓				432 ✓	
B.M. 3-13A								430	B.M. 3-13A
	+ 1576	043 ✓		-	1999	795 ✓		✓ 862	IMPERIAL HWY.
				+	1576	043			SEE F.B. 2861-11
				-	423	752 ✓			

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM 31-14A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 31-14A TO BM 31-14
1.	163	162	464	5	172 154	18	219	578	520 5	228 210	18	BM 31-14A
							163	162			18	Imperial Hwy & 1ST AV.
											36	F.B 3708-223
B.M. 31-14							56	416	✓			
												⊼ ANDERSON
												B.M. 31-14
												Imperial Hwy. @ 1st Ave.
												F.B. 3708-223

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

SURVEY BY Randall WEATHER Hazy INST. NO. 75234

NOTES BY Rodriguez DATE 11-18-70 TIME 13:50 ROD NO. 2139

INDEXED G. J. GALLI DATE JAN 12 71 NOTES CHKD RCB DATE 3-71

F.B. 4106 PG. 73

T=70

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Do not extend notes this side of this line.

INST. NO. 75234 ROD NO. 239-40 DATE 3-71

WEATHER 40°F TIME 13:55 NOTES CHKD RCB

F.B. 4106 PG. 74 JOB NO. 0801.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES RD Dominguez 11-18-70

INDEXED G.H. GALL DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
BM 31-14	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 31-14 TO BM 31-14A
1	215 970	516 5	224 206 18	159 570	460 5	168 150 18	BM 31-14
	159 570					18	Imperial Hwy & 1ST AV.
						36	F.B 3708-223
	+ 56 400 ✓						
							T ANDERSON
B.M. 31-14A							
							B.M. 31-14A
							Imperial Hwy @ 1st Ave.
							F.B. 3708-223

76P526B CE # 308 8/68

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

SURVEY BY Ramogli NOTES BY " INDEXED G. J. GALLI

DATE 18-Nov-70 DATE JAN 12 '71

WEATHER Haze TIME 14:00 NOTES CHKD. RCB

INST. NO. 75234 ROD NO. 2139AB DATE 3-71

T = 70°

F.B. 4106 PG. 75

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA	FORESIGHT RIGHT	MIC.	LEFT		STADIA	DESCRIPTION AND REMARKS
B.M. 31-14											FROM B.M. 31-14 TO B.M. 31-15A
1	199	060	500	5	221 / 117 44	167	418	468	5	189 / 145 44	B.M. 31-14
											Imperial Hwy & First Ave.
2	102	792	403	5	119 / 85 34 / 78	157	307	458	5	174 / 140 34 / 78	F.B. 3708-223
3	54	952	355	5	75 / 33 42 / 120	263	651	564	5	285 / 241 44 / 122	X Anderson
4	5	560	306	5	28 / (1/2) 5 46 / 166	271	182	572	5	293 / 249 44 / 166	
5	23	772	324	5	43 / 3 40 / 206	288	563	589	5	288 / (1/2) 268 40 / 206	
6	37	893	338	5	62 / 12 50 / 256	186	007	487	5	211 / 161 50 / 256	
7	68	247	369	5	101 / 35 66 / 322	206	800	507	5	239 / 173 66 / 322	
8	74	520	375	5	106 / 42 64 / 386	262	848	563	5	294 / 230 64 / 386	
9	72	492	373	5	87 / 57 30 / 416	207	467	508	5	222 / 192 30 / 416	
10	84	462	385	5	98 / 70 28	153	780	454	5	167 / 139 28	
+	723	750			444	2165	023			444	B.M. 31-15A
B.M. 31-15A						+ 723	750			444	First Ave. West of Amber Valley
						- 1441	273			888	F.B. 2861-12

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

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F.B. 4106 Pg. 76 | JOB NO. 0301.02 | INST. NO. 75234 | ROD NO. 239 P.B. | DATE 3-71

SURVEY OF L.A. Co. Precise Level Net | WEATHER Clear-Calm | TIME 1305 | NOTES CHKD RCB

SURVEY BY Randall | NOTES J.G.R. 23-Nov-70 | T = 78°

INDEXED R. T. GALLI | DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 3-15A									From B.M. 3-15A To B.M. 3-14
1	216	582	517 5	186 60	18	910	319 5	½) 18 62	B.M. 3-15A
									1st Ave. about Amber Valley
2	272	682	573 5	239 66	67	570	368 5	34 66	F.B. 2861-12
3	202	120	503 5	169 66	56	711	357 5	23 66	T Anderson
4	184	290	485 5	159 50	57	103	358 5	32 50	
5	270	765	571 5	247 46	9	803	310 5	½) 9 44	
6	279	982	580 5	257 44	18	098	319 5	½) 18 40	
7	270	722	571 5	247 46	44	823	345 5	19 50	
8	164	983	465 5	136 56	98	117	399 5	71 54	
9	174	518	475 5	161 26	224	258	525 5	211 26	B.M. 3-14
	+ 2036	644 ✓		460	- 595	393 ✓		458	1st Ave. @ Imperial Hwy.
B.M. 3-14	- 595	393						460	F.B. 3708-223
	+ 1441	251 ✓						918	

76P526B CE # 308 8/68

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

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STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM 3-15A											From BM 3-15A To BM 3-16B
1.	158	378	459	5	195 121 74	110	850	411	5	147 73 74	BM 3-15A
											1ST AV. & Amber Valley DR.
2.	162	255	463	5	193 131 62	108	224	409	5	139 77 62	F.B 2861-12
3.	167	178	468	5	202 132 70 136	10	740	311	5	45 1½) 10 70 136	T Anderson
4	232	400	533	5	274 190 84 206	35	462	3 436	5	77 1½) 35 84 206	
5	143	128	444	5	176 110 66 290	119	708	420	5	151 87 64 290	
6	143	822	444	5	151 135 16 356	133	662	434	5	141 125 16 354	
					372					310	
	+ 1007	161	✓			+ 518	646	✓		372	
BM 3-16B	− 518	646								742	BM 3-16B
	+ 488	515	✓								Leffingwell Rd & 1ST AV.
											S.E. COR
											F.B 3708-69

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

SURVEY BY Rodriguez / Rancell DATE 11-18-70 WEATHER Hazy INST. NO. 75234

NOTES BY C.J. GALLI DATE JAN 12 71 TIME 15:05 ROD NO. 2139-4.8

INDEXED NOTES CHKD RCB DATE 3-71

T=72°

F.B. 4106 PG. 77

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F.B. 4106 PG. 78 | JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randell NOTES S.G.R. 23-Nov.-70

INDEXED C.J. GALLY DATE

WEATHER Clear Calm INST. NO. 25234

TIME 11:33 ROD NO. 23948

NOTES CHKD. JMB DATE 3-71

T = 80°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 3-16B									FROM B.M. 3-16B TO B.M. 3-15A
1	127	028	428 5	102 50	143	667	444 5	118 50	B.M. 3-16B
									1st Ave. @ Leffingwell Rd.
2	115	848	416 5	81 68	236	209	537 5	204 66	F.B. 3708-69
3	112	342	413 5	80 64	264	842	565 5	230 68	T Anderson
4	44	442	345 5	10 68	153	832	454 5	120 66	
5	107	442	408 5	72 70	165	307	466 5	130 70	
6	127	863	428 5	101 52	159	662	460 5	133 52	
	+	634	965	372	1123	519		372	
B.M. 3-15A					+ 634	965		372	B.M. 3-15A
					488	554		744	1st Ave. about Amber Valley Dr.
									F.B. 2861-12

76P526B CE # 308 8/68

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

SURVEY BY Rincelli " WEATHER overcast Calm INST. NO. 75234

NOTES BY " DATE 19-Nov-70 TIME 0910 ROD NO. 2398 A B

INDEXED R. J. GALLI DATE JAN 12 71 NOTES CHKD RCB DATE 3-71

TE 660 F.B. 4106 PG. 79

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
B.M. 3-16B					147						199		From B.M. 3-16B To B.M. 3-17
1	111	475	412	5	75	72	163	162	464	5	127	72	B.M. 3-16 B
					193						122		1st Ave. @ Leffingwell Rd.
2	161	820	462	5	129	64	90	672	391	5	58	64	F.B. 3708-69
					219	136					52	136	
3	191	471	492	5	163	56	23	184	324	5	½) 23	58	T Anderson
						192						194	
4	275	832	576	5	½) 239	72	66	192	367	5	102 30	72	
					238	264	74				114	266	
5	197	658	498	5	156	82	75	884	375	5	34	80	
					212	346					140	346	
6	178	812	479	5	144	68	107	518	408	5	74	66	
					218	414					113	412	
7	192	790	493	5	166	52	88	920	389	5	63	50	
					224	466					174	462	
8	202	108	503	5	180	44	149	689	450	5	124	50	B.M. 3-17
	+ 1511	966	✓		✓ 510		- 764	221	✓		✓ 512		1st Ave. @ Whittier Blvd. &
B.M. 3-17	- 764	221									510		F.B. 1204-21
	+ 747	745	✓								✓ 1022		

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WEATHER Clear Calm INST. NO. 2234
TIME 10:45 ROD NO. 2139AB
NOTES CHKD. RCB DATE 3-71

T = 70°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 3-17 TO BM 3-16B
B.M. 3-17									
1	131	260	432 5	139 123 76	139	662	440 5	148 130 18	B.M. 3-17
									Whittier @ 1st Ave.
2	67	144	368 5	102 32 70	199	728	500 5	234 164 70	F.B. 1204-21
				86				88	
3	87	292	388 5	119 55 64	183	158	484 5	215 151 64	
				150				152	
4	85	802	386 5	119 51 68	180	528	481 5	213 147 66	T Anderson
				218				218	
5	77	280	378 5	112 42 70	227	244	528 5	262 192 70	
				288				288	
6	10	784	311 5	45 ½ 10 70	244	092	545 5	279 209 70	
				358				358	
7	81	364	382 5	114 48 66	178	675	479 5	211 145 66	
				424				424	
8	149	957	450 5	191 107 84	85	648	386 5	126 44 82	B.M. 3-16B
	+ 690	883	-	- 508	1438	735	-	- 506	1st Ave. @ Leffingwell Rd.
B.M. 3-16B					+ 690	883		508	F.B. 3708-69
					- 747	852	-	- 1014	

F.B. 4106 PG. 80 JOB NO. 030122

SURVEY OF C.A. Co. Precise Level Net

SURVEY BY Randall NOTES L.G.R. 23-Nov.-70

INDEXED C.J. GALLI DATE

76P526B CE # 308 8/68

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
B.M. 3-17	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 3-17 TO B.M. 3-17A
							B.M. 3-17 1st Ave. @ Whittier Blvd. (℄) F.B. 1204-21
1	184 901	485 5	194 174 20	157 140	458 5	167 147 20	
						20	T Anderson
	+ 184 901			- 157 140		- 40	
B.M. 3-17A	- 157 140						B.M. 3-17A 1st Ave. @ Whittier Blvd. Spike F.B. 1204-216
	+ 27 761 ✓						

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

SURVEY BY Ramdell DATE 19-Nov-70 WEATHER Calm INST. NO. 75234

NOTES BY " TIME 10:10 ROD NO. 239-A-B

INDEXED G. J. GALLI DATE JAN 12 71 NOTES CHKD RCB DATE 3-71

T=60°

F.B. 4106 PG. 81

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 3-17A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 3-17A TO B.M. 3-17
									B.M. 3-17A
									Whittier @ 1st Ave.
				114				143	
1	107	708	408	5	135	510	436	5	F.B. 1204-216
				100				127	16
				14					14
									30
									T. Anderson
	+	107	708	✓					
					+	135	510		B.M. 3-17
					+	107	708		Whittier @ 1st Ave.
B.M. 3-17						27	802	✓	F.B. 1204-21

T: 10:42 70°

WEATHER Clear - Calm INST. NO. 75234

TIME 10:42 ROD NO. 21394.B

NOTES CHKD RCB DATE 3-71

F.B. 4106 PG. 82 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES J.G.R. 23-Nov-70

INDEXED C. J. GALL DATE

76P526B CE # 308 8/68

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M.3-17A									FROM B.M.3-17A TO B.M.3-17B
									B.M. 3-17A
									1st Ave. @ Whittier Blvd. Spike
									F.B. 1204-216
1	162	737	463	5	172 152	20	165	302	466 5 175 155 20 20 40
									T Anderson
	+162	737 ✓					+165	302	✓
B.M.3-17B							+165	737	B.M. 3-17B
							2	565 ✓	1st Ave. @ Whittier Blvd. Spike
									F.B. 1204-216

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

SURVEY BY Rodgers WEATHER Calm

NOTES BY " DATE 19-Nov-70 TIME 10:15 INST. NO. 76234

INDEXED G. J. GALLI DATE JAN 12 NOTES CHKD RCB DATE 3-71 ROD NO. 139-A-B

T = 60°

F.B. 4106 PG. 83

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WEATHER Clear Calm INST. NO 75234
TIME 10:28 ROD NO 2139A-B
NOTES CHKD RCB DATE 3-71

F.B. 4106 PG. 84 JOB NO. 030102
SURVEY OF L.A.Co. Precise Level Net
SURVEY BY Randall NOTES J.G.R. 23-Nov-70
INDEXED G.T. GACH DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 3-17B	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 3-17B TO B.M. 3-17A
									B.M. 3-17B Whittier Blvd. @ 1st Ave. F.B. 1204-216 T Anderson
1	166	862	467 5	177 155 22	164	272	465 5	174 154 20 22 42 ✓	
	+	166 862			-	164 272			
B.M. 3-17A	-	164 272							B.M. 3-17A Whittier @ 1st Ave. F.B. 1204-216
	+	2 590 ✓							

76P526B CE # 308 8/68

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

SURVEY BY Esmond " DATE 19-Nov-70 WEATHER Calm INST. NO. 75234

NOTES BY " TIME 10:20 RS ROD NO. 239148

INDEXED C. J. GALLI DATE JAN 12 NOTES CHKD RCB DATE 3-71

T = 60°

F.B. 4106 PG. 85

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
B.M. 3-17B							FROM B.M. 3-17B TO B.M. 3-18A
1	214 053	515 5	242 186 56	74 693	375 5	102 46 56	B.M. 3-17B
							1st Ave. @ Whittier Blvd. Spike
2	234 113	535 5	265 203 62	92 618	393 5	124 60 64	F.B. 1204-216
			222 118			120	
3	196 168	497 5	170 52	100 292	401 5	128 72 56	T Anderson
			170			176	
4	193 782	494 5	218 168 50	71 030	372 5	93 49 44	
			220			220	
5	141 002	442 5	143 139 4	121 497	422 5	123 119 4	B.M. 3-18A
	+ 979 118	–	224	460 130	–	224	Bogardus @ Russell (S.E. Cor.)
	– 460 130					224	F.B. 3708-231
B.M. 3-18A	+ 518 988	–				448	

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WEATHER Clear-Calm INST. NO. 75279
TIME ~~09:50~~ 09:55 ROD NO. 739-AB
NOTES CHKD RCB DATE 3-71

T = 66°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 3-18A TO B.M. 3-17B
B.M. 3-18A									
1	90	367	391 5	104 76 28	189	725	490 5	203 175 28	B.M. 3-18A
									Russell @ Bogardus
2	72	431	373 5	107 37 70	193	823	494 5	228 158 70	F.B. 3708-231
3	99	090	400 5	130 68 62	268	720	569 5	302 234 68	T Anderson
4	64	140	365 5	92 36 56	192	572	493 5	215 169 46	
	+ 326	028	✓	✓ 216	~~518 812~~			212	✓
B.M. 3-17B					~~+ 326 028~~			216	B.M. 3-17B (Spike)
					~~192 784~~			✓ 428	Whittier Blvd. @ 1st Ave.
					- 844 840				F.B. 1204-216
					+ 326 028				
					- 518 812			✓	

F.B. 4106 PG. 86

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES J.G.R. 23-Nov-70

INDEXED [redacted] 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
B.M. 3-18A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 3-18A TO B.M. 3-20A
1	61	315	362 5	84 38 46	237	258	538 5	261 213 48	B.M. 3-18A
									Boggardus @ Russell (S.E. Cor.)
2	32	828	333 5	61 3 58	215	734	516 5	243 187 56	F.B. 3708-231
				104				104	
3	95	568	396 5	128 62 66	212	812	513 5	245 179 66	T Anderson
				170				170	
4	65	240	366 5	100 30 70	182	233	483 5	219 145 74	
				240				244	
5	118	400	419 5	151 85 66	253	712	554 5	284 222 62	
				306				306	
6	13	838	314 5	½) 46 13 66	296	354	597 5	½) 296 266 60	
				372				366	
7	99	802	400 5	107 91 16	157	121	458 5	168 146 22	
	+ 486	991	✓	388	1555	224	✓	388	B.M. 3-20A
B.M. 3-20A					+ 486	991		388	Whittier Blvd. @ Santa Gertrudes
					1068	233	✓	776	F.B. 3708-233

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

SURVEY BY Randall WEATHER Clear-Calm INST. NO. 75234

NOTES BY " DATE 19-Nov.-70 TIME 11:00 ROD NO. 2139-A.B

INDEXED G. J. GALL DATE DEC 12 70 NOTES CHKD. RCA DATE 3-71

T = 66°

F.B. 4106 PG. 87

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4106 PG. 88 | JOB NO. 080102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES J.G.R. - 23-Nov-70

INDEXED [redacted] DATE

WEATHER Clear-Cold INST. NO. 75224

TIME 09:15 ROD NO. 239AB

NOTES CHKD RCB DATE 3-71

T = 62°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 3-20A									FROM B.M. 3-20A TO B.M. 3-18A
1	251	472	552 5	~~237~~ 225 52	18	722	319 5	44 ½) 18 52	B.M. 3-20A
									Whittier Blvd. @ Santa Gertrudes
2	229	695	530 5	259 199 60	44	346	345 5	74 14 60	F.B. 3708-233
				192 112				127 112	
3	159	753	460 5	126 66	95	950	396 5	63 64	
				239 178				104 176	
4	203	425	504 5	167 72	68	461	369 5	32 72	T. Anderson
				253 250				52 248	
5	215	282	516 5	177 76	14	952	315 5	½) 14 76	
				272 326				64 324	
6	272	682	573 5	½) 271 62	33	360	334 5	2 62	
				149 388				137 386	
7	146	382	447 5	143 6	134	858	435 5	131 6	
	+ 1478	691	✓	✓ 394	410	643	✓	✓ 392	
B.M. 3-18A	- 410	643						394	B.M. 3-18A
	+ 1068	048	✓					✓ 786	Russell @ Bogardus
									F.B. 3708-231

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
B.M.3-20A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.3-20A TO B.M.3-20B
1	76	198	377	5	108 44	64	246	872	547	5	276 214	64	B.M. 3-20A
													Whitier Blvd. & Santa Gertrudes
2	29	458	330	5	58 0	58	233	540	534	5	264 202	62	F.B. 3708-233
						122						126	
3	52 53	921	353	5	87 17	70	202	832	503	5	235 169	66	T Anderson
						192						192	
4	68	348	369	5	94 42	52	172	220	473	5	199 145	54	
						244						246	
5	7 ~~47~~	555	348	5	80 14	66	167 ~~168~~	932	468	5	201 133	68	
						310						314	
6	120	652	421	5	157 83	74	142	710	443	5	176 108	68	
	395	132	✓			384	1166	106	✓			382	✓
							395	132				384	
							~~790 974~~					766	
							770 974		✓				BM 3-20B
													WHITTIER & SCOTT AV.
													S.E. COR. of Catch Basin
													F.B. 3708-235

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

SURVEY BY Randall

NOTES BY Frompuse

INDEXED G.J. GALLI

DATE 19-Nov-70

DATE JAN 12 71

WEATHER Clear Calm

TIME 11:45

NOTES CHKD RCG

INST. NO. 75239

ROD NO. 2339 A-B

DATE 3-71

T = 70°

F.B. 4106 Pg. 89

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4106 PG. 90 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES J.G.R.

INDEXED G. J. GALLI DATE

WEATHER Clear, Calm INST. NO. 75234

TIME 14:22 ROD NO. 2139A,B

NOTES CHKD RCB DATE 3-71

T = 68°

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
B.M. 3-20B									From B.M. 3-20B to B.M. 3-20A
1	131	272	432 5	159 103 56	146	948	447 5	194 118 56	B.M. 3-20B
									Whittier Blvd @ Scott Ave.
2	163	885	464 5	198 128 70	73	337	374 5	108 38 70	F.B. 3708-235
				126				126	
3	209	780	510 5	204 174 70	69	820	370 5	104 34 70	T Anderson
				196				196	
4	224	182	525 5	258 190 68	68	407	369 5	103 33 70	
				264				266	
5	266	251	567 5	300 232 68	8	004	309 5	46 8 76	
				332				342	
6	235	999	536 5	263 207 56	93	718	394 5	116 70 46	
	+1231	369	✓	✓388	-460	234	✓	✓388	
	-460	234						388	B.M. 3-20A
B.M. 3-20A	+771	135	✓					✓776	Whittier @ Santa Gertrudes
									F.B. 3708-233

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 Rancdall

NOTES BY Anderson

DATE 11-19-70

WEATHER Hazy & Calm

INST. NO. 75234

INDEXED G. J. GALLI

DATE JAN 12 71

TIME 13:30

ROD NO. 2139-A-B

NOTES CHKD RCB

DATE 3-71

T = 72°

F.B. 4106 PG. 91

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 3-20B													From BM 3-20B To BM 1-11D
1	236	289	537	5	268 204	64	83	399	384	5	116 50	66	BM 3-20B
					262						120		WHITTIER & SCOTT AV.
2	220	630	521	5	188	64	90	010	391	5	60	60	S.E. COR of Catch Basin
					292	128					101	126	F.B 3708-235
3	251	458	552	5	210	82	58	570	359	5	15	86	
					216	210					200	212	T ANDERSON
4	178	582	479	5	140	76	161	500	462	5	122	78	
					154	286					174	290	
5	147	300	448	5	140	14	167	832	468	5	160	14	
					158	300					150	304	
6	138	621	439	5	118	40	133	350	434	5	116	34	
	+1172 880				-340		-694 661				-338		
B.M. 1-11D	-694 661										340		B.M. 1-11D
	+478 219										-678		WHITTIER BLVD. & COLIMA
													N.W. COR.
													F.B 3707-38

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Clear-Calm INST. NO.
TIME 13:50 ROD NO.
NOTES CHKD RCB DATE 3-71

F.B. 4106 PG. 92 JOB NO. 030102
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Randall NOTES J.G.R. 20-Nov-70
INDEXED B.J. GATTI DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M.1-11D	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.1-11D TO B.M.3-20B
1	151	938	452 5	178 124 54	149	930	450 5	177 121 56	B.M. 1-11D
									Whittier & Colima
2	149	582	450 5	183 115 68	158	065	459 5	192 124 68	F.B. 3708-38
				122				124	
3	88	591	389 5	118 58 60	201	663	502 5	231 171 60	
				182				184	Anderson
4	47	062	348 5	82 12 70	205	502	506 5	240 170 70	
				252				254	
5	58	762	359 5	93 23 70	209	852	510 5	244 174 70	
				322				324	
6	103	224	404 5	118 88 30	152	125	453 5	166 138 28	
+	599	159	✓	✓ 352	-1077	137	✓	✓ 352	B.M. 3-20B
B.M. 3-20B					- 599	159		352	Whittier Blvd. @ Scott Ave.
					477	978	✓	✓ 704	F.B. 3708-235

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. RERUN

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 3-20B TO B.M. 1-11D
B.M. 3-20B									
1	232	282	533	5 265 199 66	92	941	393	5 126 58 68	B.M. 3-20B
								105	Whittier Blvd. near Scott Ave.
2	218	006	519	5 248 188 60	75	630	376	5 45 60	F.B. 3708-23S
	NOTE							128	↑ Anderson
3	218	980	519	5 249 187 62	61	902	362	5 92 30 62	RERUN
								151 188	
4	181	092	482	5 216 146 70	116	178	417	5 81 70	
								191 258	
5	129	090	430	5 155 103 52	163	740	464	5 135 56	
								147 314	
6	146	671	447	5 156 136 20	137	560	438	5 127 20	
	+1126	121	✓	✓ 330	-647	951	✓	334	B.M. 1-11D
B.M. 1-11D	-647	951						330	Whittier @ Colima
	+478	170	✓					664	F.B. 3708-38
								666	

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

SURVEY BY Randall

NOTES BY G. J. GALLI

INDEXED

DATE 24-NOV-70

DATE JAN 12 71

WEATHER overcast Calm

TIME 09:30

NOTES CHKD RCB

INST. NO. 25234

ROD NO. 2139 AB

DATE 3-71

75°

F.B. 4106 PG. 93

F.B. 4106 PG. 94 | JOB NO. 0301.02

SURVEY OF

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					

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. 1-11D TO B.M. 1-11C
B.M. 1-11D			162			221	B.M. 1-11 D
1	147 341	448 5	132 30	206 311	507 5	191 30	WHITTIER BLVD. & COLIMA
			84			468	N.W. COR.
2	59 502	360 5	34 50	244 411	545 5	220 48	F.B. 3707-38
			54 80			264 78	
3	23 677	324 5	23 ½ 62	232 271	533 5	200 64	T RODRIGUEZ
			133 142			249 142	
4	97 659	398 5	61 72	214 512	515 5	179 70	
			183 214			130 212	
5	152 851	453 5	121 62	98 690	399 5	66 64	
			152 276			169 276	
6	149 258	450 5	146 6	166 559	467 5	163 6	
			282			282	
B.M. 1-11C	630 288			1162 754		282	B.M. 1-11 C
				630 288		564	WHITTIER BLVD & BEN HUR AVE
				532 466			N.W. COR.
							F.B. 3707-41

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

SURVEY BY S. PANDARK R. ANDERSON DATE 19-NOV. '70 TIME 14:05 WEATHER CLEAR & COLD INST. NO. 75284

NOTES BY ROD NO. 2139A-B

INDEXED C.L. CALL DATE JAN 12 '71 NOTES CHKD RCG DATE 3-71

T = 72°

F.B. 4106 PG. 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.

F.B. 4106 PG. 96 JOB NO. 030102

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES S.G.R. 20-Nov.70

INDEXED G.J. GATES DATE

T= 70°

WEATHER Clear-Calm INST. NO. 73234

TIME 13:15 ROD NO. 213942

NOTES CHKD RCB DATE 3-71

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 1-11C									From B.M. 1-11C To B.M. 1-11D
1	133	159	434 5	155 111 44	185	220	486 5	207 163 44	B.M. 1-11C
									Whittier Blvd. @ Ben Hur
2	167	331	468 5	200 134 66	106	818	407 5	139 73 66	F.B. 3707-41
									110
3	210	659	511 5	235 185 50	81	842	382 5	106 56 50	T Rodriquez
									160
4	211	460	512 5	232 190 42	73	250	374 5	95 51 44	
									204
5	229	662	530 5	229 (2) 199 60	78	640	379 5	105 51 54	
									258
6	258	089	559 5	282 234 48	152	538	453 5	178 126 52	
	+ 1210	360	✓	✓ 310	678	308	✓	✓ 310	B.M. 1-11 D
B.M. 1-11D	678	308						310	Whittier & Colima
	+ 532	052	✓					✓ 620	F.B. 3708-38

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 Rondell WEATHER overcast INST. NO. 75234

NOTES BY " TIME 10:00 ROD NO. 2139 AB

INDEXED G. J. GALLI DATE 24-Nov-70 NOTES CHKD RCB DATE 3-71

F.B. 4106 PG. 97

7=56

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
B.M. 1-11D	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM B.M. 1-11D TO B.M. 1-11C
1	141	191	442	5	157 125 32	219	588	520	5	235 203 32	B.M. 1-11D
											Whittier Blvd. @ Colima
2	22	920	323	5	54 ½ 22 64 96	287	641	588	5	287 ½ 252 70 102	F.B. 3708-38
3	45	828	346	5	78 12 66 162	187	889	488	5	216 158 58 160	
4	89	378	390	5	118 60 58 220	193	592	494	5	224 162 62 222	T Rodriguez (RERUN)
5	160	041	461	5	182 138 44 264	106	611	407	5	127 85 42 264	
6	149	219	450	5	156 142 14	145	269	446	5	153 137 16	
	+ 608	577	✓		✓ 278	1140	590	✓		✓ 280	B.M. 1-11C
						+ 608	577			278	Whittier Blvd. @ Ben Hur
B.M. 1-11C						532	013	✓		✓ 558	F.B. 3707-41

F.B. 4106 PG. 98 | JOB NO. 0301.02

SURVEY OF

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					

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 B.M. 1-11C TO B.M. 1-11A
B.M. 1-11C				206				151	B.M. 1-11 C
1	182 220		483 5	158 48	126 001		427 5	101 50	WHITTIER BLVD. & BEN HUR
								175	N.W. COR. F.B 3707-41
2	162 061		463 5	166 158 8	171 701		472 5	167 0	A RODRIGUEZ
	+ 344 281			56	297 702			58	
B.M. 1-11A	297 702							56	B.M. 1-11 A
	+ 46 579							114	WHITTIER BLVD. & LA ENTRADA F.B. 2858-11

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

SURVEY BY C. PANDALL NOTES BY R. ANDERSON DATE 19-NOV.-'70 WEATHER CLEAR & COOL INST. NO. 75234

INDEXED G. J. GALLI DATE JAN 12 TIME 14:40 ROD NO. 21382A

NOTES CHKD RCG DATE 3-71

T = 70°

F.B. 4106 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.

INST. NO. ____ ROD NO. ____ DATE 3-71

WEATHER Clear-Calm

TIME T= 740

NOTES CHKD RCB

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M.B-11A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.B-11A TO B.M.B-11C
									B.M.B-11 A
1	154	460	455	5	174	801	475	5	Whittier Blvd @ La Entrada
								194 / 154 40	F.B. 2858-11
2	155	449	456	5					
				164 / 146 18	181	649	482	5	
	+309	909 ✓			356	450 ✓		191 / 171 20	
				✓58	+309	909		✓60	T Rodriquez
B.M.1-11C								58	
					46	541 ✓		✓118	B.M.1-11C
									Whittier Blvd. @ Ben Hur
									F.B. 3707-41

F.B. 4106 PG. 100

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES JGR 20-Nov-70

INDEXED B.J. GACD 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
B.M.1-11A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.1-11A TO B.M.1-11B
1	235	482	536 5	265 205 60	64	311	365 5	93 35 58	B.M.1-11A
									Whittier Blvd. @ La Entrada
2	227	063	528 5	256 198 58	46	849	347 5	74 18 56	F.B. 2858-11
				118				114	
3	214	328	515 5	250 178 72	58	410	359 5	96 20 76	T Rodriquez
				190				190	
4	169	691	470 5	201 137 64	119	548	420 5	152 86 66	
				254				256	
5	162	790	463 5	200 124 76	237	842	538 5	274 200 74	
				330				330	
6	72	678	373 5	104 40 64	216	700	517 5	246 186 60	
	+1082	032	–	↘ 394	+743	660	–	↘ 390	B.M. 1-11B
	743	660						394	Whittier Blvd. @ Ocean View
B.M.1-11B	+338	372	–					↘ 784	F.B. 3707-43

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

SURVEY BY Rondell WEATHER Overcast INST. NO. 75234

NOTES BY " TIME 10:35 ROD NO. 2139 AB

INDEXED B. L. GALLI DATE 24-Nov-70 NOTES CHKD RKB DATE 3-71

DATE JAN 12 70

T = 60°

F.B. 4106 PG. 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. 4106 PG. 102 JOB NO. 030102

SURVEY OF C.A.Co. Precise Level Net

SURVEY BY Randall NOTES JGR 20-Nov-'20

INDEXED G. J. GALLI DATE

WEATHER Clear - Calm INST. NO. 75234

TIME 11:10 ROD NO. 2139 RLB

NOTES CHKD RCB DATE 3-71

T = 70°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 1 B-11B	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 1 B-11B TO B-11A
1	201	338	502 5	226 176 50	88	152	389 5	113 63 50	B.M. 1 B-11B
									Whittier Blvd @ Ocean View
2	220	540	521 5	250 190 60	3 108	062	404 5	132 74 58	F.B. 3707-43
				110				108	
3	126	392	427 5	160 92 68	186	328	487 5	220 152 68	X Rodriguez
				178				176	
4	125	120	426 5	162 88 74	243	230	544 5	280 206 74	
				252				250	
5	72	661	373 5	103 41 62	239	439	540 5	270 208 62	
				314				312	
6	75	608	376 5	104 46 58	221	411	522 5	250 192 58	
				372				270	
7	108	740	409 5	122 94 28	186	721	487 5	199 173 26	B.M. 1 B-11A
	+	930	399 ✓	✓400	1268	343 ✓		✓396	Whittier Blvd @ La Entrada
B.M. 1 B-11A					- 930	399		400	F.B. 2858-11
					~~336 944~~			796 ✓	
					337 944 ✓				

F.B. 4106 PG. 103

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

SURVEY BY Randall WEATHER _____ INST. NO. _____

NOTES BY _____ DATE _____ TIME _____ ROD NO. _____

INDEXED _____ DATE _____ NOTES CHKD _____ DATE _____

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____
							See over for 1-11B & 1-11A RERUN

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 4106 PG. 104 JOB NO. 0301.02

SURVEY OF L.A.C. Rec'ss Level Net

SURVEY BY Bennett NOTES J.G.R 24-Nov-70

INDEXED C.J.G. DATE

WEATHER overcast INST. NO. 75234

TIME 11:15 ROD NO. 22348

NOTES CHKD RCB DATE 3-71

T=640

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
B.M. 1-11B											FROM B.M. 1-11B TO B.M. 1-11A
1	212	420	513	5	181 62 (243)	73	770	374	5	42 62 (104)	B.M. 1-11 B
											Whittier Blvd. @ Ocean View
2	211	222	512	5	180 62 (242)	131	252	432	5	99 64 (163)	F.B. 3707-43
3	110	532	411	5	76 68 (144) 124	166	898	467	5	131 70 (201) 126	
4	124	250	425	5	99 50 (149) 192	204	792	505	5	181 46 (227) 196	T Rodriguez
5	49	560	350	5	15 68 (83) 242	234	220	535	5	200 68 (268) 242	
6	75	419	376	5	54 42 (96) 310	172	328	473	5	149 44 (193) 310	
7	74	792	375	5	½) 75 46 (98) 352	194	771	495	5	168 52 (220) 354	
8	145	160	446	5	131 28 (159) 398	163	738	464	5	147 398 (179) 406 32	B.M. 1-11A
B.M. 1-11A +	1003	355	✓		✓426	-1341	769	✓		✓438	Whittier @ La Entrada
						+ 1003	355			426	F.B. 2858-11
						(- 338	414)			864 ✓	
						- 338	414 ✓				

Notes Ck'd by	Survey of L.A.Co Precise Level Net
Map No.	JN 030102 Tape — Std — °F
Office Work	Surveyed by Randall
Checked	Notes JGR Date Nov Dec 1970
Date	Indexed G.J. GACLI JAN 12 '71

F. B. 4106 PG. 125

LOS ANGELES COUNTY

PRECISE LEVEL NET

LINE Nº 31

NOV - DEC 1970

J. N. 030102

NOTE: A portion of the route was changed for these 1970 Runs, See F.B. 3707-122

REFERENCES

F.B.'S 1202, 1205, 1397, 2829, 3707, 3708

PARTY

RANDALL
ANDERSON
RODRIGUEZ
JOHNSON

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

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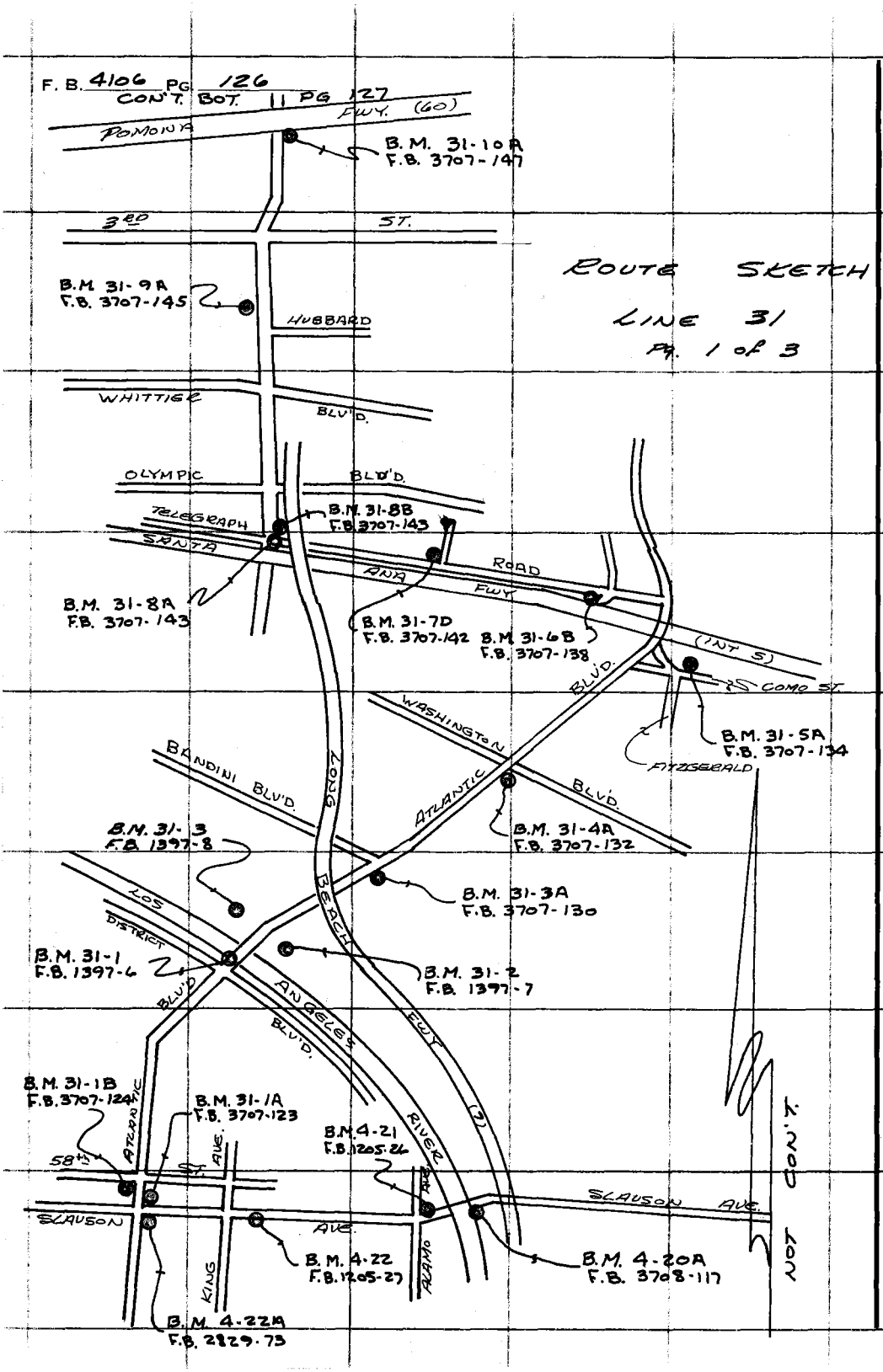
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 3-69



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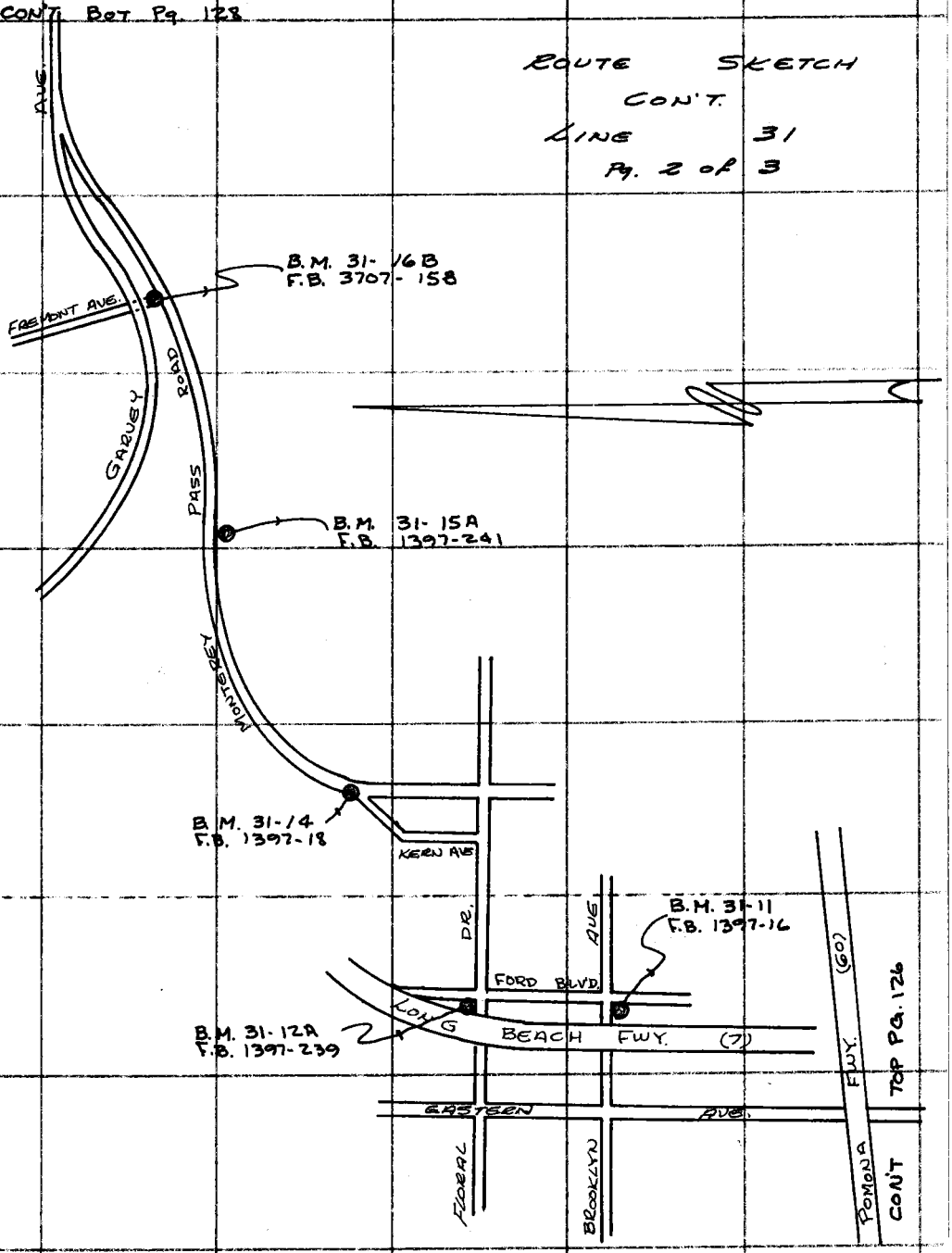
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of L.A.Co. Precise Level Net
Map No.	JN 030102 Tape — Std — °F
Office Work	Surveyed by Randall
Checked	Notes JGR Date NOV DEC 1970
Date	Indexed C. J. GALLI JAN 12

F. B. 4106 PG. 127

CON'T. BOT. PG. 128

ROUTE SKETCH
CON'T.
LINE 31
PG. 2 OF 3



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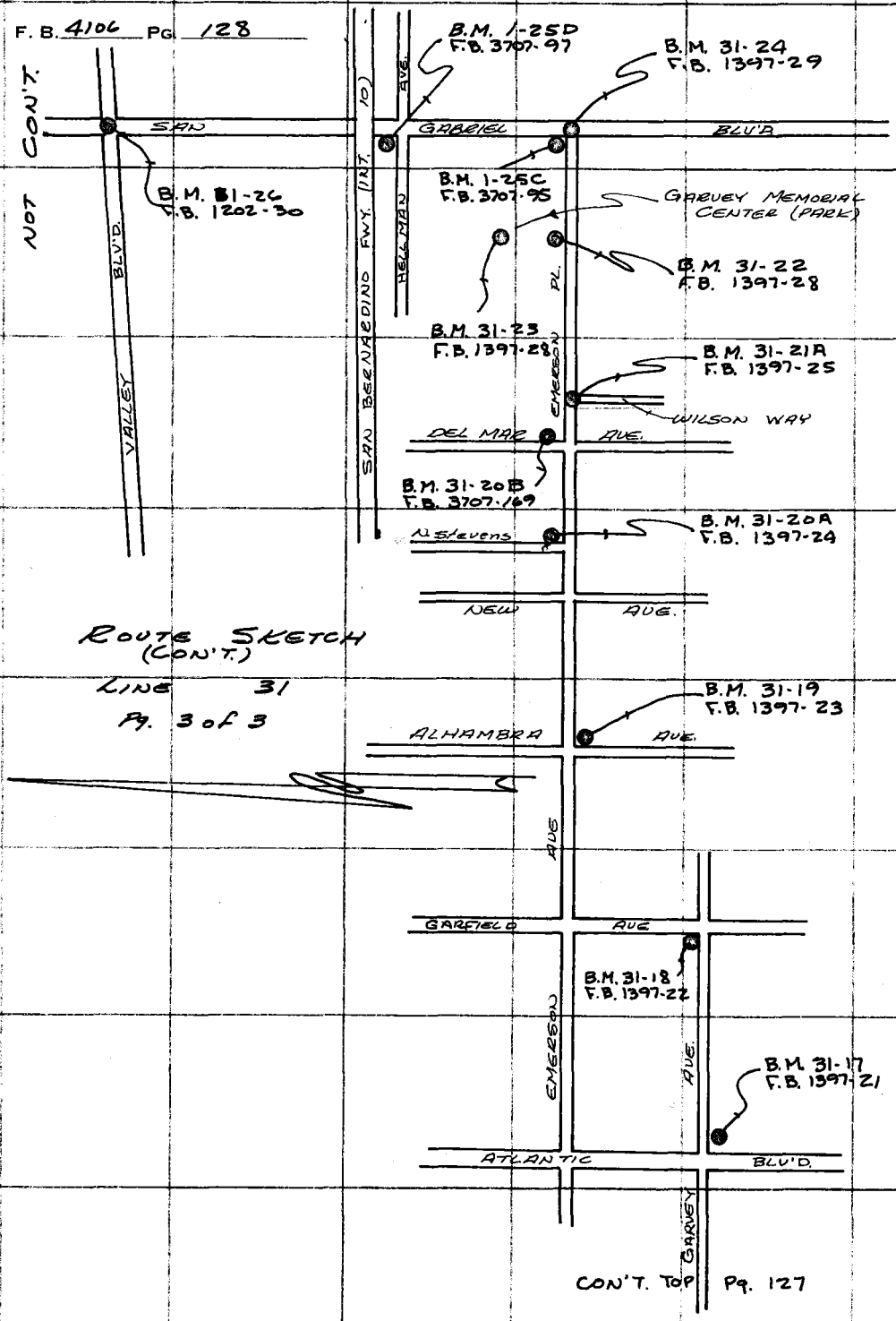
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F. B. 4106 PG. 128

CON'T.

NOT



ROUTE SKETCH
(CON'T.)

LINE 31

Pg. 3 of 3

CON'T. TOP Pg. 127

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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 Randall
NOTES BY
INDEXED G. J. GALLI
DATE 25-Nov. 70
DATE JAN 12 71
TIME 10:00
NOTES CHKD
WEATHER overcast
INST. NO. 75234
ROD NO 213948
DATE
F.B. 4106 PG. 179

T = 60°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS (From ____ To ____)
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	156 690	457 5	158 154 4	190 220	491 5	217 163 144 90 54	54 M- 4 M= 50 M=0.20 mm
				117 810	418		
2	151 180	452 5	153 149 4		5	54	54 M- 4 M= 50 M=0.20 mm
	307 870		8	308 030		108	
				- 0.40 mm		8	
	+			~~-0. mm~~		100	Curvature Corr.=0.40 mm
				307 990			
				307 870			T Rodriguez
				- 120			
			mm= "C"				
	/						
				.012 mm= "C"			
				100 / 1.20			

F.B. 4106 PG. 130 JOB NO. 0301.02

SURVEY OF

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.

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
		BLANK					

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 Kennell NOTES BY " DATE 30 Nov 70 WEATHER overcast INST. NO 75234

INDEXED C. J. GALL DATE NOTES CHKD DATE TIME 11:30 ROD NO 21294B

F.B. 4/oc PG. 131

7.580

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	157 898	458 5	159 155 4	168 231	469 5	195 141 54	54 M- 4 M= 50 M=0.20 mm
2	157 410	458 5	159 155 4	147 039	448 5	174 120 54	54 M- 4 M= 50 M=0.20 mm
	315 308		8	315 270		108	
	315 230			-0.40 mm		8	
	+ 078			~~-0. mm~~		100	Curvature Corr.=0.40 mm
				315 230			
				-			
		.008	mm= "C"				
	100 / 0.78						
					mm= "C"		
				/			

T Rodriguez

F.B. 4106 PG. 132 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM TO
		BLANK					

76P526B CE # 308 8/68

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Maldemado
NOTES BY J. Randall DATE 12-1-70
WEATHER Cloudy TIME 8:50
INST. NO. 75234
ROD NO. 21398 A&B
INDEXED J. GALLI DATE JAN 12 '71
NOTES CHKD DATE
T-58°
F.B. 4106 PG. 133

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	154 832	455 5	156 152 4	135 409	436 5	162 108 54	54M- 4 M=50 M=0.20 mm
2	161 680	462 5	163 159 4	181 360	482 5	208 154 54	54M- 4 M=50 M=0.20 mm
	316 512		8	316 769		108	
	+			-0.40 mm		8	Curvature Corr.=0.40 mm
				316 729		100	
				316 521			
				- 208			
							π - Siemann
			mm= "C"				
	1						
				0.0208 mm			
				100 / 2.0800			= "C"
				200			
				800			

F.B. 4106 PG. 134 JOB NO. 0301.02

SURVEY OF

SURVEY BY Rondell NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD. DATE

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM TO
		BLANK					

76P526B CE # 308 8/68

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

Do not extend notes this side of this line.

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

SURVEY BY Condon

NOTES BY C. J. GALLI

INDEXED

DATE 3-Dec-70

DATE JAN 12

TIME 08:20

NOTES CHKD

WEATHER Clear

DATE

INST. NO 75234

ROD NO. 2139 AB

T-55

F.B. 4106 PG. 135

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	141 241	442 S	143 139 4	54 491	355 S	81 27 54	54 M- 4 M= 50 M=0.20 mm
2	167 931	468 S	169 165 4	254 870	555 S	281 227 54	54 M- 4 M= 50 M=0.20 mm
	309 172		8	309 361		108	
				- 0.40 mm		8	
	+			-0. mm		100	Curvature Corr.=0.40 mm
				309 321			
				309 172			
				- 149			
			mm= "C"				
					.01 149 mm	= "C"	
				100 / 1.49			

F.B. 4106 Pg. 136 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
		BLANK					

76P526B CE # 308 8/68

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Ramdall
NOTES BY "
INDEXED G. J. GALLI
DATE 18-Dec-70
DATE 12 71
WEATHER Cloudy
TIME 09:20
NOTES CHKD
DATE
INST. NO. 75234
ROD NO 2139 A.B
F.B. 4106 PG. 137

T = 640

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS (From ____ To ____)
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	160 862	461 5	162 158 4	182 160	483 5	209 155 54	54M- 4 M= 50 M=0.20 mm
2	159 008	460 5	161 157 4	137 780	438 5	164 110 54	54M- 4 M= 50 M=0.20 mm
	319 870		8	319 940		108	
				-00.40 mm		8	
	+			~~-0. mm~~		100	Curvature Corr.=0.~~20~~ 240 mm
				319 900			
				319 870			
				- 030			
			mm= "C"				
							T Rodriguez
				.003 mm= "C"			
				100/ 0.30			

F.B. 4106 PG. 138 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM TO
		BLANK					

76P526B CE # 308 8/68

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Randall " DATE 7-26-72 WEATHER Clear INST. NO. 75234
NOTES BY " TIME 0900 ROD NO 2139 A B
INDEXED G. J. GALI DATE JM 12 70 NOTES CHKD DATE
F.B. 4106 PG. 139
T=68°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	159	172	460	5	159	950	460	5	54M- 4 M= 50 M=0.20 mm
				161 157 4				186 132 54	
2	170	960	471	5	170	129	471	5	54M- 4 M= 50 M=0.20 mm
				172 168 4				197 143 54	
	330	132		8	330	079		108	
	330	039			- 0.40 mm			8	
	+	0.93			~~-0. mm~~			100	Curvature Corr.=0.40mm
					330039				
					-				
									π Rodriguez
	.009			mm= "C"					
	100/ 0.930								
							mm= "C"		

F.B. 4106 PG. 140 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randall NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM TO
		BLANK					

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 Kendall
NOTES BY E.C.B. DATE 8-Dec-70 WEATHER Fog INST. NO. 75234
INDEXED C. J. GALLI DATE JAN 12 TIME 09:00 ROD NO. 21394-B
NOTES CHKD DATE
T = 52°
F.B. 4106 PG. 141

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS (From ___ To ___)
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	146 191	447 5	148 144 4	241 932	542 5	268 214 54	54 M- 4 M= 50 M=0.20 mm
2	130 423	431 5	132 128 4	34 810	335 5	61 7 54	54 M- 4 M= 50 M=0.20 mm
	276 614		8	276 742		108	
				− 0.40 mm		8	
	+			-0. mm		100	Curvature Corr.=0.40 mm
				276 702			
				276 614			
				− 088			
			mm= "C"				
	/						
					.0088 mm	= "C"	
				100 / 0.88			

T Anderson

F.B. 4101 Pg. 142 JOB NO. 0301.02

SURVEY OF

SURVEY BY London 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					

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 Ponzell WEATHER Cloudy INST. NO. 75234
NOTES BY Ponzell DATE 9-Dec-70 TIME 11:10 ROD NO. 23918
INDEXED C. J. GALLI DATE JAN 12 71 NOTES CHKD DATE
F.B. 406 Pg. 143

T = 620

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS From — To
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	156 649	457 5	158 154 4	108 248	409 5	135 81 54	54 M- 4 M= 50 M=0.20 mm
2	168 760	469 5	170 166 4	217 078	518 5	244 190 54	54 M- 4 M= 50 M=0.20 mm
	325 409		8	325 326		108	
	325 286			- 0.40 mm		8	
	+ 123			~~-0. mm~~		100	Curvature Corr.=0.40 mm
				325 286			
				-			
		0123 mm= "C"					
	100 / 1.23						
					mm= "C"		
				/			

π Rodriguez

F.B. 4106 PG. 144 JOB NO. 030102

SURVEY OF

SURVEY BY Randall NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
		BLANK					

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

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 Rondell
NOTES BY "
INDEXED G. J. GALLI
DATE 10-Dec. '70
DATE JAN 12 '71
WEATHER Clear
TIME 09:30
NOTES CHKD
INST. NO. 75234
ROD NO. 23940
DATE
T = 600
F.B. 4106 PG. 145

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	142 122	443 5	141 140	4	155 925	456 5	182 128	54	54 M- 4 M= 50 M=0.20 mm
2	126 309	427 5	128 124	4	112 617	413 5	139 85	54	54 M- 4 M= 50 M=0.20 mm
	268 431			8	268 542			108	
					- 0.40 mm			8	
	+				~~-0. mm~~			100	Curvature Corr.=0.40 mm
					268 502				
					268 431				T Anderson
					- 071				
			mm= "C"						
					.007 mm= "C"				
					100 / 0.71				

F.B. 4106 PG. 146 JOB NO. 030102

SURVEY OF _____ WEATHER _____ INST. NO. _____

SURVEY BY Randall NOTES _____ TIME _____ ROD NO. _____

INDEXED _____ DATE _____ 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 _____
		BLANK					

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
NOTES BY "
INDEXED C. J. GALLI
DATE 11-Dec-70
DATE JAN 12 71
TIME 08:30
NOTES CHKD
WEATHER Clear Calm
INST. NO. 75234
ROD NO. 2139 RB
DATE
T=60°
F.B. 4106 PG. 147

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS (From ____ To ____)
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	152 190	453 5	154 / 150 4	144 230	445 5	171 / 117 54	54 M- 4 M=50 M=0.20 mm
2	157 840	458 5	159 / 155 4	165 930	466 5	192 / 138 54	54 M- 4 M=50 M=0.20 mm
	310 030		8	310 160		108	
				− 0.40 mm		8	
	+			-0. mm		100	Curvature Corr.=0.40 mm
				310 120			
				310 ~~090~~ 030			
				− 090			A Rodriguez
			mm= "C"				
				.009 mm= "C"			
				100 / 0.900			

F.B. 4106 PG. 148 JOB NO. 030102

SURVEY OF _____ WEATHER _____ INST. NO. _____

SURVEY BY Randall NOTES _____ TIME _____ ROD NO. _____

INDEXED _____ DATE _____ 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 _____

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 Reynolds WEATHER overcast INST. NO. 25234
NOTES BY " TIME 1300 ROD NO. 2132 HB
INDEXED C. J. GALLT DATE 15-Dec-70
DATE JAN 12 71 NOTES CHKD DATE

F.B. 4106 PG. 149

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
		DETERMINATION OF "C"					
	NEAR ROD			FAR ROD			
1	~~257 190~~	~~558 5~~	~~284~~ ~~230~~ 4	257 190	558 5	284 230 54	54 M- 4 M= 50 M=0.20 mm
	147 771	448 5	149 145				
2	124 513	425 5	126 122 4	15 017	316 5	42 15 54	54 M- 4 M= 50 M=0.20 mm
	272 284		8	272 207		108	
	272 167			- 0.40 mm		8	
	+ 117			~~-0. mm~~		100	Curvature Corr.=0.40 mm
				272 167			
				-			
		.0117 mm= "C"					
	100 / 1.17						
					mm= "C"		
				/			

Anderson

T-640

F.B. 4106 Pg. 150 JOB NO. 0301.02

SURVEY OF

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					

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
NOTES BY "
INDEXED C. J. GALLI
DATE 16-Dec-70
DATE JAN 12 '71
WEATHER overcast
TIME 08:30
NOTES CHKD
DATE
INST. NO. 75234
ROD NO. 213948
DATE
T=540
F.B. 4106 Pg. 151

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	142 153	443 5	144 140	4	163 004	464 5	190 136	54	54 M- 4 M= 50 M=0.20 mm
2	139 580	440 5	141 137	4	118 928	419 5	145 91	54	54 M- 4 M= 50 M=0.20 mm
	281 733			8	281 932			108	
					- 0.40 mm			8	
	+				-0. mm			100	Curvature Corr.=0.40 mm
					281 892				
					281 733				
					- 159				
			mm= "C"						
					0.0159 mm = "C"				
					100 / 1.59				

T Anderson

F.B. 4106 PG. 152 JOB NO. 030102

SURVEY OF

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					

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 R.F. Carr / Randall
NOTES BY Randall
DATE 17-Dec-70
WEATHER overcast
TIME 10:50
INST. NO. 75294
ROD NO. 213948
INDEXED G. J. GALLI
DATE JAN 12 71
NOTES CHKD
DATE
F.B. 4106 Pg. 153

T=54

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS From ___ To ___
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	144 080	445 5	146 / 142 4	22 832	323 5	½) 49 / 22 54	54 M- 4 M=50 M=0.20 mm
2	161 190	462 5	163 / 159 4	282 572	583 5	½) 282 / 255 54	54 M- 4 M=50 M=0.20 mm
	305 270			305 404		108	
				− 0.40 mm		8	
	+			~~−0. mm~~		100	= Curvature Corr.=0.40 mm
				305 364			
				305 270			
				− 094			
			mm= "C"				
				.0094 mm = "C"			
				100 / 0.94			

F.B. 4106 Pg. 158 4 JOB NO. 0301.02

SURVEY OF

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					

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 Bancroll " DATE 18-Dec-70 WEATHER Cloudy-Hazy INST. NO. 75234
NOTES BY " TIME 10:30 ROD NO. 213978
INDEXED G. J. GALLI DATE JAN 12 71 NOTES CHKD. DATE
F.B. 2106 PG. 155

T=56°

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	154 171	455 5	156 152 4	150 461	451 5	177 123 54	54 M- 4 M= 50 M=0.20 mm
2	159 072	460 5	161 157 4	162 919	463 5	189 135 54	54 M- 4 M= 50 M=0.20 mm
	313 243			313 380			
				— 0.40 mm			
	+			~~-0. mm~~		—	Curvature Corr.=0.40 mm
				313 340			
				313 243			
				- 0.97			
			mm= "C"				
				.0097 mm= "C"			
				100/0.97			

F.B. 4106 PG. 156 JOB NO. 0301.02

SURVEY OF

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					

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 " WEATHER over cast INST. NO. 75234

NOTES BY DATE 25-Nov-70 TIME 10:20 ROD NO 23948

INDEXED C. J. GALLI DATE JAN 12 71 NOTES CHKD RCB DATE 3-71

T = 60°

F.B. 4106 PG. 157

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 4-20A TO B.M. 4-21
B.M. 4-20A									
1	283	660	584	5	204	900	505	5	B.M. 4-20A
				½) 283 250 66				238 170 68	S/Louson @ S.E. Cor. Bridge over L.A. River
2	56	002	357	5	295	032	596	5	F.B. 3708-117
				74 38 36				½) 295 276 38	
				102				279 106	
3	88	949	389	5	266	979	561	5	T Rodriguez
				108 68 40				241 38	
				142				144	
4	77	970	378	5	263	452	564	5	
				88 66 22				274 252 22	
+	506	581 ✓		164	1024	363 ✓		166 ✓	
B.M. 4-21					506	581		164	B.M. 4-21
					517	782 ✓		330	S/Louson @ Alamo
									F.B. 1205-26

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 25234 ROD NO. 239AB DATE 3-71

WEATHER Clear TIME 10:15 NOTES CHKD. NCB

T=700

F.B. 4106 PG. 158 JOB NO. 030102

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES J.G.R. 7-Dec-70

INDEXED G.T. GALLI DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 4-21	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 4-21 TO B.M. 4-20A
1	274	952	575 5	286 262 24	64	750	365 5	76 52 24	B.M. 4-21
									Slauson @ Alamo
2	239	811	540 5	254 224 30	146	400	447 5	161 131 30	F.B. 1205-26
				54				54	
3	267	401	568 5	278 256 22	69	149	370 5	81 57 24	T Rodriguez
				76				78	
4	297	121	598 5	297 ½ 264 68	187	131	488 5	220 154 66	
				144				144	
5	151	378	452 5	159 143 16	209	951	510 5	219 199 20	
				160				164	
6	85	629	386 5	97 73 24	121	222	422 5	131 ½ 121 20	
	+ 1316	292 ✓		184	798	603 ✓		184 ✓	
B.M. 4-20A	- 798	603						184	
	= 517	689 ✓						368 ✓	

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 DATE 25-Nov-70 WEATHER Overcast INST. NO. 75239

NOTES BY " TIME " ROD NO. 2139A-B

INDEXED G. J. GALLI DATE JAN 12 71 NOTES CHKD. RDB DATE 3-71

T = 60°

F.B. 4906 Pg. 159

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 4-21	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 4-21 TO B.M. 4-22
1	210	669	511 5	184 52	151	519	452 5	126 50	B.M. 4-21
									Slauson @ Alamo
2	168	360	469 5	131 74	148	848	449 5	110 76	F.B. 1205-26
3	173	078	474 5	143 60	145	788	446 5	114 62	
4	171	132	472 5	126 90	121	369	422 5	77 88	
5	186	320	487 5	154 64	137	120	438 5	104 66	
6	176	418	477 5	146 60	199	688	500 5	170 58	
	+	1085	977 ✓	400	904	332 ✓		400	B.M. 4-22
B.M. 4-22		904	332					400	Slauson East of King
	+	181	645 ✓					800	F.B. 1205-27

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.

INST. NO. 75234 ROD NO. 239AB DATE 3-71

WEATHER Clear TIME 09:40 NOTES CHKD 1203

T = 700

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 4-22	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M 4-22 TO B.M. 4-21
1	176	841	477	5 128 96 (224)	180	488	481	5 132 96 (228)	B.M. 4-22
									S/Euson @ East of King
2	128	458	429	5 92 72 164 168	208	061	509	5 169 78 247 174	F.B. 1205-27
									T Rodriguez
3	162	011	463	5 126 72 198 240	167	311	468	5 132 70 202 244 (244)	
4	148	140	449	5 110 76 186 316	171	600	472	5 137 68 205 312	
5	148	338	449	5 122 52 174 368	164	958	465	5 136 56 192 368	
6	156	012	457	5 136 40 170 408	209	111	510	5 190 38 228 406	B.M. 4-21
	+ 919	800			1105	529			S/Euson @ Alamo
B.M. 4-21					+ 919	800			F.B. 1205-26
					1851	729		408 814	
					- (181	729)			

F.B. 4106 PG. 160 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES J.G.R. 7-Dec-70

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
B.M. 4-22	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 4-22 TO B.M. 4-22A
1	232 701	533 5	~~256~~ 198 68	139 108	440 5	~~173~~ 105 68	B.M. 4-22
			202			197	Slauson East of King
2	169 202	470 5	136 66	165 629	466 5	133 64	F.B. 1205-27
+	401 903 ✓		~134	304 737 ✓		132 ✓	
B.M. 4-22A	-304 737	5		~~401 903~~	5	134	
+	97 166 ✓			~~2 834~~		266 ✓	T Rodriguez
							B.M. 4-22A
							Slauson @ Atlantic
							F.B. 2829-73

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

SURVEY BY Randell WEATHER overcast INST. NO. 75234

NOTES BY " TIME 11:10 ROD NO. 23949

INDEXED C. J. GALLI DATE 25-Nov-70 NOTES CHKD RCB DATE 3-71

DATE JAN 12 71

T = 620

F.B. 4106 PG. 161

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 75239 ROD NO. 2139 RD DATE 3-71

WEATHER Clear TIME 09:30 NOTES CHKD RCB

T = 68°

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
B.M. 4-22A	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 4-22A TO B.M. 4-22
1	157 890	458 5	~~192~~ 122 70	171 468	472 5	~~296~~ 136 70	B.M. 4-22A
						242	Slauson & Atlantic
2	129 017	430 5	159 99 60	212 650	513 5	182 60	F.B. 2829-73
	+286 907 ✓		✓130	~~384 118~~		130 ✓	X Rodriguez
B.M. 4-22	-~~284 118~~			-384 118 ✓		130	
	~~2 789~~			-286 907		260 ✓	
				- 97 211 ✓			

F.B. 4106 PG. 162 JOB NO. 030.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES

INDEXED O. 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 Randall WEATHER overcast INST. NO. 75234

NOTES BY " TIME 11:35 ROD NO. 239-AB

INDEXED G. J. GALLI DATE 25-Nov-'70 NOTES CHKD RCG DATE 3-71

F.B. 4106 PG. 163

TE 640

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
B.M. 4-22A	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 4-22A TO B.M. 31-1A
1	183 040	484 5	168 30	161 491	462 5	146 30	B.M. 4-22A Slauson @ Atlantic S.E. Cor F.B. 2829-73
2	163 449	464 5	161 4	167 160	468 5	165 4	
	+ 346 489		34	- 328 651		34	
B.M. 31-	- 328 651					34	T Rodriguez
	+ 17 838					68	
							B.M. 31-1A Atlantic & Slauson N.E. Cor F.B. 3707-123

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 31-1A TO BM. 4-22A
B.M. 31-1A									
1	169	749	470 5	~~190~~ 148 42	181	221	482 5	~~202~~ 160 42	B.M. 31-1A
									Atlantic @ Slauson
2	159	119	460 5	161 157 4	165	530	466 5	167 163 4	F.B. 3707-123
	+ 328	868	✓	✓ 46	346	751	✓	46 ✓	T Rodriguez
B.M. 4-22A					328	868		46	
					17	883	✓	92 ✓	B.M. 4-22A

T=680

WEATHER Clear INST. NO. 75234

TIME 09:25 ROD NO. 2139AB

NOTES CHKD. RCB DATE 3-71

F.B. 4106 PG. 164 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES J.G.R. 7-Dec.70

INDEXED G.F. 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
B.M. 31-1A	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 31-1A TO B.M. 31-1B
							B.M. 31-1A
1	173 921	474 5	190 / 156 34	158 572	459 5	176 / 140 36	Atlantic & Slauson N.E. Cor.
							F.B. 3707-123
2	158 180	459 5	160 / 156 4	170 210	471 5	172 / 168 4	T Rodriguez
+	332 101 ✓		38	328 782 ✓		40 ✓	
B.M. 31-1B -	328 782					38	
+	3 319 ✓					78 ✓	B.M. 31-1B
							Atlantic & 58th St. N.W. Cor.
							F.B. 3707-124

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

SURVEY BY Randall

NOTES BY "

DATE 25-Nov-70

WEATHER overcast

TIME 1145

INST. NO. 75234

ROD NO. 239A18

INDEXED B.J. GALLI

DATE JAN 12 71

NOTES CHKD

DATE 3-71

T=60°

F.B. 4106 PG. 165

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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.

INST. NO. 25234 ROD NO. 23948 DATE 3-71

WEATHER Clear TIME 09:15 NOTES CHKD RCB

T-68

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
B.M. 31-1B	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 31-1B TO B.M. 31-1A
1	172 082	473 5	188 156 32	161 448	462 5	145 32	B.M. 31-1B Atlantic @ 58th St.
2	157 302	458 5	169 145 24	171 242	472 5	183 159 24	F.B. 3707-124
	+3 829 384 ✓		✓ 56	+3 832 690 ✓		56 ✓	T Rodriguez
B.M. 31-1A				+3 829 384		56	
				3 306 ✓		112 ✓	B.M. 31-1A Atlantic @ Slauson F.B. 3707-123

F.B. 4106 PG. 166 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES S.G.R.

INDEXED B.L. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY Randall

NOTES BY "

INDEXED G. GALLY

DATE 25-Nov-70

DATE JUN 12 '71

WEATHER Overcast

TIME 13:20

NOTES CHKD RCB

INST. NO. 75234

ROD NO. 213946

DATE 3-71

F.B. 4106 PG. 167

T=620

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
B.M. 31-1B											FROM B.M. 31-1B TO B.M. 31-1
1	157	400	458	5	173 141 32	142	380	443	5	159 125 34	B.M. 31-1B
											S/Jason & 58th St.
2	159	604	460	5	184 134 50	121	842	422	5	146 96 50	F.B. 3707-124
					82					84	
3	158	662	459	5	191 125 66	140	035	441	5	172 108 64	T Anderson
					148					148	
4	135	111	436	5	155 115 40	126	010	427	5	146 106 40	
					188					188	
5	139	271	440	5	172 106 66	116	298	417	5	149 83 66	
					254					254	
6	165	233	466	5	198 132 66	111	849	412	5	145 77 68	
					320					322	
7	153	392	454	5	174 132 42	115	378	416	5	136 94 42	
					362					364	
8	253	143	554	5	274 232 42	32	567	333	5	52 12 40	
					404					404	
+	1321	816				906	359				
B.M. 31-1	906	359								404	B.M. 31-1
+	415	465								808	Atlantic & L.A. River bridge
(+	415	457)									F.B. 1397-6

PLEASE RETURN TO

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

Do not extend notes this side of this line.

INST. NO. 25234 ROD NO. 2139910 DATE 3-71

WEATHER Clear TIME 14:25 NOTES CHKD RCB

T = 760

F.B. 4106 PG. 168 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Bonzell NOTES J.G.R.

INDEXED C. J. GALLI DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 31-1									From B.M. 31-1 To B.M. 31-1B
1	68	873	369 5	77 59 18	195	158	496 5	204 186 18	B.M. 31-1
									Atlantic Blvd. @ L.A. River Bridge
2	36	373	337 ~~36~~ 5	57 15 42	144	070	445 5	165 123 42	F.B. 1397-6
				136 60				203 60	
3	101	332	402 5	66 70	167	298	468 5	131 72	T Anderson
				139 130				174 132	
4	108 ~~208~~	529	409 5	~~277~~ 62	143	081	444 5	112 62	
				173 192				177 194	
5	134	288	435 5	95 78	138	737	439 5	99 78	
				156 270				203 272	
6	119	042	420 5	82 74	165	872	466 5	127 76	
				149 344				192 348	
7	132	792	433 5	115 34	173	322	474 5	154 38	
				168 378				159 386	
8	161	688	462 5	154 14	151	087	452 5	143 16	
	+ 862	917	✓	✓ 392	1278	625	✓	✓ 402	B.M. 31-1B
					− 862	917		392	Atlantic @ 58th St.
B.M. 31-1B					415	708	✓	✓ 794	F.B. 3707-124

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 31-1									FROM B.M. 31-1 TO B.M. 31-2
1	247	770	548 5	226 42	123	592	424 5	101 44	B.M. 31-1
									Atlantic @ S.W. Cor. bridge L.A. River
2	38	135	339 5	17 42	251	457	552 5	230 42	1397-6 (F.B.)
3	71	288	372 5	43 56	228	190	529 5	201 54	T Anderson
4	158	360	459 5	146 24	160	254	461 5	148 24	
+	515	553	✓	164	763	493	✓	164	B.M. 31-2
B.M. 31-2					515	553		164	Tower Nº H 129
					247	940	✓	328	F.B. 1397-7

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

SURVEY BY Randall

NOTES BY C. J. GALL

INDEXED DATE

DATE 25-Nov-70

DATE JAN 12 '71

WEATHER overcast

TIME 14:10

NOTES CHKD RGG

INST. NO. 75234

ROD NO. 2398B

DATE 3-71

T=620

F.B. 4106 PG. 169

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 75334 ROD NO. 239416 DATE 3-71

WEATHER Clear TIME 14:10 NOTES CHKD RCB

T = 760

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 31-2									From B.M. 31-2 To B.M. 31-1
1	207	583	508 5	~~332~~ 182 50	73	480	374 5	~~78~~ 48 50	B.M. 31-2
									Tower No H 129
2	294	183	595 5	½) 294 265 58	48	931	349 5	77 19 58	F.B. 1397-7
				108				108	T Anderson
3	110	579	411 5	124 96 28	242	218	543 5	257 227 30	
	+ 612	345	✓	✓ 136	364	629	✓	✓ 138	B.M. 31-1
	~~612~~							138	Atlantic @ L.A. River Bridge
B.M. 31-1	- 364	629						✓ 276	F.B. 1397-6
	+ 247	716	✓						

F.B. 4106 PG. 170 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Bonsall NOTES J.G.R. 4-Dec-70

INDEXED [redacted] 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.

RERUN

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

SURVEY BY Rodriguez Randall DATE 12-7-70 WEATHER Point Overcast INST. NO. 75234

NOTES BY C. J. GALLI DATE JAN 12 71 TIME 1:15 ROD NO. 213948

INDEXED NOTES CHKD RCB DATE 3-71

F.B. 4106 PG. 171

TE 78°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From BM31-1 To BM31-2
BM31-1							
1	264 583	565 5	293 235 58	201 722	502 5	230 172 58	BM 31-1
							ATLANTIC & SW COR bridge
2	22 488	323 5	34 10 24	175 408	476 5	188 162 26	L.A. RIVER
			82			84	F.B 1397-6
3	118 618	419 5	133 103 30	177 872	478 5	191 163 28	
			112			112	T Anderson (RERUN)
4	76 333	377 5	91 61 30	174 915	475 5	189 159 30	
			142			142	
B.M.31-2	+ 482 022			- 729 917		142	
				+ 482 022		284	B.M. 31-2
				- 247 895			Tower No H 129
							F.B. 1397-7

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.

RERUN

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
BM 31-2									FROM BM 31-2 TO BM 31-2
1.	193	102	494 5	214 172 42	61	682	362 5	92 40 42	BM 31-2
									TOWER # H129
2.	155	240	456 5	172 138 34	99	960	400 5	116 82 34	F.B 1397-7
				76				76	
3.	265	103	566 5	282 248 34	76	942	377 5	93 59 34	
	613	445		110	993	554		110 100	T ANDERSON (RERUN)
4	120	590	421 5	139 101 38	247	758	548 5	267 227 40	
	+ 734	035 ✓		✓148	486	342 ✓		✓150	
B.M. 31-1	- 486	342						148	BM 31-1
	+ 247	693 ✓						✓298	Atlantic @ L.A. River Bridge
									F.B. 1397-6

T=78°

WEATHER Overcast INST. NO. 75234

TIME 14:20 ROD NO. 2374A

NOTES CHKD. RQB DATE 3-71

F.B. 4106 PG. 172 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez DATE 7-Dec-70

INDEXED S.J. GALL

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
B.M. 31-2	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 31-2 TO B.M. 31-3
									B.M. 31-2
1	171	065	472 5	208 134 74	83	594	384 5	119 47 72	Tower No H 129
									F.B. 1397-7
2	222	610	523 5	240 204 36	5299	134	600 5	1) 299 2) 281 36	T Anderson
+	393	675 ✓		✓110	382	728 ✓		108 ✓	
B.M. 31-3 -	382	728						110	B.M. 31-3
+	10	947 ✓						~218	Tower No H 130
									F.B. 1397-8

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

SURVEY BY Randall

NOTES BY "

INDEXED B.J. GALLI

DATE 25-Nov-70

DATE JAN 12 71

WEATHER overcast

TIME 14:30

NOTES CHKD RRB

INST. NO. 75234

ROD NO. 23948

DATE 3-71

T = 62°

F.B. 4106 PG. 173

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 25239 ROD NO. 213948 DATE 3-71

WEATHER Clear TIME 13:40 NOTES CHKD. RCB

Tr. 760

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 31-3	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM B.M. 31-3 TO B.M. 31-2
1	218 755	519 ~~5~~	~~229~~ 207	22	33 738	334 5	~~44~~ 22	22	B.M. 31-3
X		5				~~5~~			Tower No. H130
2	68 112	369 5	104 32	72	285 139	586 5	285 1) 250	70	F.B. 1397-8
~~2~~		~~5~~	66	94		~~5~~		92	T Anderson
3	59 073	360 5	52	14	37 882	338 5	44 30	14	
+	345 940	✓		✓108	356 759	✓		✓106	B.M. 31-2
					345 940			108	Tower No. H129
B.M. 31-2					- 10 819	✓		✓214	F.B. 1397-7

F.B. 4106 PG. 174

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES J.G.R. 4-Dec. 70

INDEXED B.J. GALL 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.

RERUN

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM31-2	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM31-2 TO BM31-3
1.	175	363	476 5	190 160 30	76	912	377 5	91 61 30	BM31-2
									TOWER # H 129
2.	201	901	502 5	234 168 66	208	795	509 5	242 174 68	F.B. 1397-7
				96				98	T ANDERSON
3	30	518	331 5	34 266 08	111	372	412 5	114 108 06	RERUN
	+ 407	782		104	397	079		104	
B.M.31-3	- 397	079						104	BM31-3
	+ 10	703						208	TOWER # H 130
									F.B. 1397-8

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 7-Dec-70 WEATHER Part overcast INST. NO 25234

TIME 13:50 ROD NO 2139 A.B.

INDEXED C.J. GALLY DATE JAN 12 71 NOTES CHKD RCC DATE 3-71

F.B. 4106 PG. 175

T=78°

F.B. 4106 PG. 176 JOB NO. 0301.02

SURVEY OF

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.

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM TO
		BLANK					

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY Bondelli

NOTES BY "

INDEXED D. J. GALLI

DATE 25-Nov-70

DATE JAN 12 71

WEATHER overcast

TIME 14:45

NOTES CHKD RCB

INST. NO. 75234

ROD NO. 213948

DATE 3-71

F.B. 4106 PG. 177

TE 6020

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 31-3	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 31-3 TO B.M. 31-~~4934~~
1	295	784	596	5	242	315	543	5	B.M. 31-3 Tower No H130 F.B. 1397-8
2	114	457	415	5	178	319	479	5	
3	44	618	345	5	171	471	472	5	T Anderson
4	139	462	440	5	162	022	463	5	
5	114	453	415	5				5	
6	134	388	435	5	148 164	414 958	449 465	5	B.M. 31-3A Atlantic & Bandini S.E.Cor. F.B. 3707-130
+	843	162			1067	499			
B.M. 31-3A					843	162			
					224	337			

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Do not extend notes this side of this line.

INST. NO 73234 ROD NO 2394-6 DATE 3-71

WEATHER Clear TIME 1305 NOTES CHKD RCB

T-32076

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
B.M. 31-3A									FROM B.M. 31-3A TO B.M. 31-3
1	193	212	494 5	148 90	113	564	414 5	68 90	B.M. 31-3A Bandini
2	171	323	472 5	141 60	118	524	419 5	87 62	Atlantic @ Washington F.B. 3707-130
3	150	940	451 5	½) 150 76	108	502	409 5	72 72	T Anderson
4	170	108	471 5	140 60	49	329	350 5	20 58	
5	189	110	490 5	169 40	271	395	572 5	½) 250 42	
6	106	319	407 5	98 16	95	208	396 5	87 16	
	+ 981	012 ✓		342	756	572 ✓		340 ✓	B.M. 31-3
B.M. 31-3	- 756	572						342	Tower No. H130
	+ 224	440 ✓						682	F.B. 1397-8

F.B. 4106 PG. 178

SURVEY OF L.A.C. Precise Level Net JOB NO. 030102

SURVEY BY Randall NOTES J.G.R. 4-Dec-70

INDEXED G.T. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY Rodriguez WEATHER overcast INST. NO. 75234

NOTES BY " TIME 11:40 ROD NO. 2139 A.B

INDEXED R. J. GALLI DATE 30-NOV-70 NOTES CHKD. RCB DATE 3-71

F.B. 4106 PG. 179

7:580

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
B.M. 31-3A											From B.M. 31-3A To B.M. 31-4A
1	190	241	491	5	~~835~~ 145 90	115	980	416	5	169 71 88	B.M. 31-3A Atlantic @ Bandini. S.E. Cor. F.B. 3707-130
2	105	118	406	5	133 77 56	294	929	595	5	½) 294 267 54	
					146					142	
3	13	690	314	5	½) 30 13 34	298	137	599	5	½) 298 279 38	T Rodriguez
					180					180	
4	57	421	358	5	74 40 34	180	859	481	5	197 163 34	
					214					214	
5	197	889	498	5	210 184 26	62	109	363	5	76 48 28	
					240					242	
6	301	382	602	5	½) 301 285 32	49	559	350	5	64 34 30	
					272					272	
7	245	469	546	5	264 226 38	124	572	425	5	143 105 38	
					310					310	
8	113	292	414	5	150 76 74	153	770	454	5	190 116 74	
					384					384	
9	156	349	457	5	176 136 40	165	410	466	5	185 145 40	
					424					424	
10 B.M. 31-4A	145	012	446	5	147 143 4	159	028	460	5	161 157 ~~428~~ 4	B.M. 31-4A Atlantic @ Washington F.B. 3707-132
	+ 1525	863			428	1604	353			428	
						+ 1525	863			428	
						78	490			856	

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 3234 ROD NO. 2394 DATE 3-71

T = 680

WEATHER Clear TIME 10:40 NOTES CHKD RAB

JOB NO. 0301.02

SURVEY OF L.A.C. Precise Level Net

SURVEY BY Randall NOTES S.G.R. 4-Dec-70

INDEXED C.J. GALLI DATE

F.B. 4106 PG. 180

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 31-4A									From B.M. 31-4A To B.M. 31-3A
1	176	910	477 5	203 149 54	156	051	457 5	183 129 54	B.M. 31-4A
									Atlantic @ Washington
2	168	708	469 5	198 138 60	125	967	426 5	½ 125 95 60	F.B. 3707-132
3	130	758	431 5	149 111 38 114	275	711	576 5	295 255 40 114	T Rodriguez
4	30	190	331 5	50 10 40 152	287	710	588 5	½ 287 266 42 54	
5	64	989	365 5	82 46 36 192	170	541	471 5	186 154 32 196	
6	227	309	528 5	243 211 32 228	35	371	336 5	50 20 30 228	
7	298	558	599 5	½ 298 278 40 260	71	242	372 5	92 50 42 258	
~~8~~	~~171~~	~~838~~	~~472 5~~	~~203 139 64~~	~~6~~	~~221~~	~~307 5~~	~~½ 45 6 38~~	
8	173	868	474 5	207 139 68 300	8	280	309 5	½ 42 8 68 300	
9	189	638	490 5	216 162 54 368	225	370	526 5	252 198 54 368	
10	174	200	475 5	180 168 12 422	200	511	501 5	206 194 12 422	
	+ 1635	128	✓	✓ 434	1556	754	✓	✓ 434	B.M. 31-3A
B.M. 31-3A	- 1556	754						434	Atlantic @ Bandini
	+ 78	374	✓					✓ 868	F.B. 3707-130

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
B.M. 31-4A	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 31-4A TO B.M. 31-5A
1	157 072	458 5	138 740	135 902	436 5	115 40	31-4A
							Atlantic @ Washington, S.E'ly Cor.
2	175 058	476 5	210 140 70	173 939	474 5	209 137 72	F.B. 3707-132
3	195 079	496 5	228 110 162 66	165 009	466 5	199 112 131 68	T Rodriquez
4	136 580	437 5	169 176 103 66	166 101	467 5	198 180 134 64	
5	124 198	425 5	156 242 92 64	NOTE 166 851	467 5	199 244 133 66	
6	186 810	487 5	220 306 152 68	151 240	452 5	185 310 117 68	
7	182 510	483 5	226 374 138 88	140 350	441 5	183 378 97 86	
8	195 578	496 5	212 462 178 34	215 309	516 5	231 464 199 32	
	+ 1352 885		496	1314 701		496	B.M. 31-5A
B.M. 31-5A	1314 701					496	Atlantic @ Como
	+ 38 184					992	F.B. 3707-134

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

SURVEY BY Rondell

NOTES BY " R. J. GALL

INDEXED

DATE 30-Nov-70 TIME 14:05 WEATHER Overcast INST. NO. 75234

DATE JAN 12 '71 NOTES CHKD. RAB ROD NO. 2139A.B DATE 3-71

T=60°

F.B. 4106 Pg. 181

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INST. NO. 75234 ROD NO. 2132 AB DATE 3-71

WEATHER clear TIME 10:00 NOTES CHKD. RCG

T = 66°

F.B. 4106 PG. 182 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES J.G.R. 4 Dec. '70

INDEXED S.J. GALLI DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 31-5A TO B.M. 31-4A
B.M. 31-5A									
1	197	350	498	5	201	072	502	5	B.M. 31-5A
				220 168 58				224 168 66	Atlantic @ Como
2	152	501	453	5	166	039	467	5	F.B. 3707-134
				184 120 64 122				195 137 58 124	
3	140	958	441	5	170	141	471	5	T Rodriguez
				176 104 72 194				208 132 76 200	
4	166	940	467	5	144	319	445	5	
				192 140 52 246				166 122 44 244	
5	172	510	473	5	136	282	437	5	
				210 134 76 322				175 97 78 322	
6	153	739	454	5	151	580	452	5	
				189 117 72 394				188 114 74 396	
7	142	532	443	5	165	239	466	5	
				173 111 62 456				198 132 66 462	
8	122	080	423	5	152	452	453	5	B.M. 31-4A
				146 98 48				173 131 42	Atlantic @ Washington
+	1248	610	✓	504	1287	124	✓	504	F.B. 3707-132
B.M. 31-4A					+ 1248	610		504	
					- 38	514	✓	1008	

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

RERUN

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 31-4A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 31-4A TO B.M. 31-5A
1	171	621	472 5	208 134 74	125	550	426 5	168 88 74	B.M. 31-4A
									Atlantic @ Washington
2	165	491	466 5	206 124 82	148	709	449 5	189 107 82	F.B. 3707-132
				156				156	
3	137	230	438 5	175 476 ~~99 100~~ 76	170	315	471 5	208 132 76	
				232				232	
4	123	680	424 5	165 81 84	164	801	465 5	204 124 80	↑ Rodriguez
				316				312	
5	175	000	476 5	209 141 68	172	600	473 5	208 136 72	
				384				384	
6	203	298	504 5	244 162 82	143	040	444 5	184 102 82	
				466				466	
7	206	679	507 5	221 191 30	219	788	520 5	234 204 30	B.M. 31-5A
+	1182	999	✓	496	1144	803	✓	496	Atlantic @ Como
B.M. 31-5A	1144	803						496	F.B. 3707-134
+	38	196	✓					992 ✓	

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

SURVEY BY Randall

NOTES BY J. GALLI DATE 18-Dec-70 WEATHER Clear-Ubrz. INST. NO. 75234

INDEXED DATE JAN 12 '71 TIME 08:35 ROD NO. 2139AB

NOTES CHKD RCB DATE 3-71

T = 48°

F.B. 4106 PG. 183

PLEASE RETURN TO

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

Do not extend notes this side of this line.

RERUN

F.B. 4106 PG. 184 | JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES J.G.R. 18 Dec. 70

INDEXED [redacted] GALE DATE

T-520

WEATHER Clear - Lt. Brz. INST. NO. 75234

TIME 0913S ROD NO. 213948

NOTES CHKD RCB DATE 3-71

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
B.M. 31-5A													FROM B.M. 31-5A TO B.M. 31-4A
1	236	190	537	5	258 214	44	225	669	526	5	247 203	44	B.M. 31-5A
													Atlantic @ Como
2	138	950	439	5	178 98	80	168	120	469	5	210 126	84	F.B. 3707-134
						124						128	
3	135	652	436	5	174 96	78	162	141	463	5	202 122	80	T Rodriquez
						202						208	RERUN
4	172	982	473	5	210 134	76	163	319	464	5	198 128	70	
						278						278	
5	202	540	503	5	206 158	88	142	638	443	5	181 103	78	
						366						356	
6	149	119	450	5	178 120	58	168	932	469	5	202 134	68	
						424						424	
7	151	852	452	5	172 130	42	163	051	464	5	183 143	40	
						466						464	
8	153	251	454	5	166 140	26	187	469	488	5	200 174	26	
						492						490	
9	172	712	473	5	182 162	20	170	442	471	5	178 162	16	
+	1513	248	✓		✓	512	1551	781	✓		✓	506	B.M. 31-4A
B.M. 31-4A							+ 1513	248				512	Atlantic @ Washington
							− 38	533	✓		✓	1018	F.B. 3707-132

76P526B CE # 308 8/68

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
B.M. 31-5A											From B.M. 31-5A To B.M. 31-6B
1	283	650	584	5	276 86	83	338	384	5	75 16	B.M. 31-5A
											Atlantic @ Como
2	298	500	599	5	½) 298 276 ½) 40	130	280	431	5	152 108 44	F.B. 3707-134
3	103	270	404	5	119 87 32	301	700	602	5	½) 301 284 34	X Rodriguez
4	31	540	332	5	48 14 34	108	621	409	5	122 94 28	
5	~~166~~ 166	029	467	5	196 136 60	98	101	399	5	128 68 60	
6	223	811	524	5	254 192 62	167	071	468	5	½) 167 138 58	
7	149	540	450	5	166 132 34	113	240	414	5	130 96 34	
	+ 1256	340			276	1002	351			274	B.M. 31-6B
B.M. 31-6B	1002	351								276	Telegraph Rd. @ Woods Ave
	~~252989~~									550	F.B. ~~3707~~ - 3707-138
	+ 253	989									

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

SURVEY BY Randall

NOTES BY "

INDEXED B. L. GALLI

DATE 30-Nov-70

DATE JAN 12 71

WEATHER overcast

TIME 14:45

NOTES CHKD RAB

DATE 3-71

INST. NO. 75234

ROD NO. 2139 A12

T = 60°

F.B. 4106 Pg. 185

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

INST. NO. 75239 ROD NO. 2139:4:13 DATE 3-71

WEATHER Clear TIME 09:30 NOTES CHKD RCB

T=640

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 31-6B									From B.M. 31-6B to B.M. 31-5A
1	118	158	419 5	156 80 76	128	280	429 5	166 90 76	B.M. 31-6B Telegraph Rd. @ Woods
2	88	028	389 5	115 61 54	224	112	525 5	250 198 52	F.B. 3707-138
3	143	032	444 5	167 119 48	72	082	373 5	94 50 44	⊼ Rodriguez
4	265	780	566 5	274 256 18	87	301	388 5	100 74 26	
5	129	790	430 5	154 104 50	301	502	602 5	301 277 48	
6	71 ~~73~~	558	372 5	76 66 10	257	118	558 5	262 252 10	B.M. 31-5A Atlantic @ Como
	+ 816	346	✓	✓ 256	1070	395	✓	✓ 256	F.B. 3707-134
B.M. 31-5A					− 816	346		256	
					− 254	049	✓	✓ 512	

F.B. 4106 PG. 186 JOB NO. 0301.02

SURVEY OF L.A.C. Precise Level Net

SURVEY BY Rodriguez NOTES JGR 4-Dec-70

INDEXED B.J. GALLI DATE

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

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

SURVEY BY J. Randall NOTES BY Maldonado DATE 12-1-70 WEATHER Cloudy INST. NO 75234

TIME 9:00 ROD NO 2139A-B

INDEXED B. J. GALLI DATE JAN 12 NOTES CHKD RCB DATE 3-71

F.B. 4106 PG. 187

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 31-6B TO BM 31-7D
BM 31-6B				244				166	BM 31-6B
1	202	622	503 5	160 84	129	791	430 5	92 84	Telegraph Rd. & Woods St.
				228				167	F.B. 3707-138
2	190	470	491 5	152 76	129	431	430 5	91 76	
				219 160				207 160	
3	181	840	482 5	143 76	169	007	470 5	131 76	
				237 236				170 236	
4	184	657	485 5	131 106	118	960	419 5	66 104	T-Siemman
				~~130~~				340 ✓	
~~5~~				342				342	
	~~215~~				547	189 ✓		682 ✓	
	+ 759	589 ✓							
	- 547	189							
	+ 212	400 ✓							
BM 31-7D									BM 31-7D
									Telegraph Rd. & Fetterly Ave.
									F.B. 3707-142 N.E'ly Cor.

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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.

INST. NO. 75234
ROD NO. 2139 A.B.
DATE 3-71

WEATHER Clear
TIME 14:30
NOTES CHKD RCB

T= 70°

F.B. 4106 PG. 188

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES J.G.R. 3 Dec 70

INDEXED C. J. GALL DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 31-7D									From B.M. 31-7D To B.M. 31-6B
1	154	519	455	5	169	890	470	5	B.M. 31-7D
				182 126 56				195 143 52	
2	143	212	444	5	168	490	469	5	Telegraph Rd. @ Fetterly
				176 110 66				202 134 68	F.B. 3707-142
3	136	053	437	5	182	181	483	5	
				172 100 72				218 146 72	X Rodriguez
4	131	910	432	5	184	953	485	5	
				165 97 68				217 151 66	
5	140	899	441	5	179	119	480	5	
				164 116 48				205 153 52	
6	143	599	444	5	177	670	478	5	
				156 130 26				188 164 26	
	+ 850	192 ✓		✓ 336	1062	303 ✓		336 ✓	
					+ 850	192		336	
B.M. 31-6B					212	111 ✓		✓ 672	B.M. 31-6B
									Telegraph Rd. @ Woods.
									F.B. 3707-138

76P526B CE # 308 8/68

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

Do not extend notes this side of this line. RERUN

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

SURVEY BY "Rainbell" DATE 17-Dec.-70 WEATHER 14:50 INST. NO. 75234

NOTES BY " TIME Clear-Quiet. ROD NO. 2139-B

INDEXED B. J. GALLI DATE JAN 12 71 NOTES CHKD RDB DATE 3-71

F.B. 4106 PG. 189

T=60°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
B.M.31-6B							From B.M.31-6B To B.M.31-7D
1	180 220	481 5	~~209~~ 157 46	136 591	437 5	158 112 46	B.M. 31-6B
							Telegraph Rd. @ Woods Ave
2	179 178	480 5	220 138 82	109 170	410 5	150 68 82	F.B. 3707-138
			207 128			194 128	
3	177 230	478 5	147 60	163 712	464 5	132 62	
			226 188			169 190	
4	189 519	490 5	152 74	133 921	434 5	97 72	T Rodriquez (RERUN)
			194 262			188 262	
5	162 282	463 5	130 64	156 080	457 5	124 64	
			188 326			164 326	
6	184 142	485 5	180 8	160 792	461 5	156 8	
	+ 1072 571 ✓		↘ 334	860 266 ✓		↘ 334	B.M. 31-7D
B.M.31-7D	− 860 266					334	Telegraph Rd. @ Fetherly
	+ 212305 ✓					↘ 668	F.B. 3707-142

F.B. 4106 PG. 190 JOB NO. 0301.02

SURVEY OF

SURVEY BY Condah NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
		BLANK					

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 J. Randall NOTES BY Waldenrade DATE 12-1-70 WEATHER Cloudy TIME 9:20 INST. NO. 75234

INDEXED G.J. GALLI DATE JAN 12 71 NOTES CHKD RCB DATE 3-71 ROD NO. 2138A-B

T-64° F.B. 4106 Pg. 191

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM31-7D TO BM31-8A
BM 31-7D							BM 31-7D
			274			144	Telegraph Rd. & Fetterly Ave.
1	229 049	530 5	184 90	99 005	400 5	54 90	F.B. 3707-142 NE'ly Cor.
			252			141	
2	211 801	512 5	170 82	100 751	401 5	59 82	
			217 172			146 172	
3	217 599	518 5	176 82	106 791	407 5	66 80	
			272 254			124 252	T-Siemann
4	272 449	573 5	232 80	83 730	384 5	42 82	
			197 334			210 334	
5	183 260	484 5	169 28	196 668	497 5	182 28	
			362 ✓			362 ✓	
						362	
	+ 1114 158 ✓			586 945 ✓		724 ✓	
	- 586 945						
	+ 527 213 ✓						BM 31-8A
BM 31-8A							Telegraph Rd. & Eastern Ave.
							F.B. 3707-143

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Do not extend notes this side of this line.

INST. NO. 75234 ROD NO. 2139AE DATE 3-71

WEATHER Clear TIME 1405 NOTES CHKD. RCB

T = 700

F.B. 4106 PG. 192 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES J.G.R. 3-Dec-70

INDEXED G.J. GALLI DATE

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
B.M. 31-8A													From B.M. 31-8A To B.M. 31-7D
1	183	198	484	5	198 168	30	203	339	504	5	218 188	30	B.M. 31-8A
													Eastern Ave @ Telegraph Rd.
2	117	717	418	5	151 83	68	225	509	526	5	258 192	66	F.B. 3707-1423
						98						96	
3	92	760	393	5	128 56	72	243	111	544	5	282 204	78	T Rodriguez
						170						174	
4	131	718	432	5	160 102	58	196	948	497	5	223 169	54	
						228						228	
5	119	620	420	5	151 87	64	181	818	482	5	211 151	60	
						292						288	
6	103	322	404	5	138 68	70	224	797	525	5	264 184	80	
	+ 748	335	✓		✓	362	1275	522	✓		✓	368	B.M. 31-7D
B.M. 31-70							- 748	335				362	Telegraph Rd. @ Fetterly
							= 527	187	✓		✓	730	F.B. 3707-142

76P526B CE # 308 8/68

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

SURVEY BY Maldonado J. Ramada II DATE 12-1-70 WEATHER Sunny & Clear INST. NO. 75234

NOTES BY R.J. GALLI DATE JAN 12 71 TIME 9:50 ROD NO. 2139 A.B.

INDEXED NOTES CHKD RCB DATE 3-71

T-70° F.B. 4106 PG. 193

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 31-8A TO BM 31-8B
BM 31-8A							BM 31-8A (City of L.A. Traverse Sta. ALHAMBRA DIOC, 1953)
			205			190	Telegraph Rd. & Eastern Ave.
1	194 379	495 5	183 22	178 134	479 5	166 24	& Int.
						22	F.B. 3707-143
						46	
	+ 194 379			+ 178 134			
	- 178 134						
	+ 16245 ✓						
							T- Siemman
							BM 31-8B
							Telegraph Rd. & Eastern Ave
BM 31-8B							F.B. 3707-143 NE'ly. Cor.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 4106 PG. 194 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES JGR 3-Dec-70

INDEXED B.J. GALL DATE

WEATHER Clear INST. NO. 75234

TIME 13:58 ROD NO. 2B9AC

NOTES CHKD RDB DATE 3-71

T = 70°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
B.M. 31-8B							FROM B.M. 31-8B TO B.M. 31-8A
1	168 179	469 5	183 153 30	184 430	485 5	197 167 30 30 60	B.M. 31-8B Eastern Ave @ Telegraph Rd. N.E. Cor. F.B. 3707-143 X Rodriguez
B.M. 31-8A	168 179			184 430 168 179 16251			B.M. 31-8A Eastern Ave @ Telegraph Rd. F.B. 3707-143

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 J. Randall

NOTES BY Waldemade DATE 12-1-70 WEATHER Sunny & Clear INST. NO. 75234

INDEXED O.J. GALLI DATE JAN 12 71 TIME 9:55 ROD NO. 2139A-B

NOTES CHKD RCG DATE 3-71

T-70°

F.B. 4106 PG. 195

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM BM 31-8B TO BM 31-9A
BM 31-8B									BM 31-8B Telegraph Rd. & Eastern Ave. F.B. 3707-143 NE'ly Cor.
				246				153	
1	217	832	518 5	188 58	124	579	425 5	95 58	
				223				160	
2	187	680	488 5	151 72	125	269	426 5	90 70	
				236 130				132 128	
3	198	408	499 5	160 76	(94) 94	390	395 5	56 76	T-Siemann
				234 206				167 204	
4	196	462	497 5	158 76	129	395	430 5	91 76	
				212 282				88 280	
5	177	759	478 5	142 70	54	723	355 5	20 68	
				273 352				62 348	
6	247	488	548 5	221 52	34	739	335 5	6 56	
				281 404				40 404	
7	267	900	568 5	253 28	26	399	327 5	12 28	
				299 432				25 432	
8	299	301	600 5	286½ 26	10	488	311 5	10½ 30	
				306 458				195 462	
9	294	007	595 5	282 24	185	540	486 5	175 20	
				482				482	
								482	
+	2086	837			785	522		964	
-	785	522							
BM 31-9A	1301	315							BM 31-9A Eastern Ave. & Hubbard St. F.B. 3707-145 W. side of St.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

INST. NO. 75284 ROD NO. 2139A-E DATE 3-71

WEATHER Clear TIME 13:10 NOTES CHKD RCB

T= 720

F.B. 4106 PG. 196 JOB NO. 030102

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES SGR. 3-Dec-70

INDEXED G.B. GALLI DATE

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
B.M. 31-9A													From B.M. 31-9A To B.M. 31-8B
1	61	402	362	5	51	20	260	712	561	5	250	20	B.M. 31-9A
					36						283		Eastern Ave. & Hubbard St.
2	24	980	325	5	12	24	271	508	572	5	259	24	F.B. 3707-145
						44						44	
3	33	768	334	5	46 20	26	239	382	540	5	252 226	26	T Rodriguez
						70						70	
4	71	888	372	5	86 56	30	207	082	508	5	223 191	32	
						100						102	
5	87	210	388	5	110 64	46	259	120	560	5	281 237	44	
						146						146	
6	123	290	424	5	156 90	66	193	269	494	5	226 160	66	
	NOTE					212						212	
7	123	138	424	5	158 88	70	191	949	492	5	225 157	68	
						282						280	
8	125	830	426	5	160 90	70	185	491	486	5	220 150	70	
						352						350	
9	129	686	430	5	159 99	60	184	361	485	5	216 152	64	
						412						414	
10	130	930	431	5	160 100	60	220	420	521	5	250 190	60	
	+ 912	122	✓		✓	472	2213	294	✓		✓	474	B.M. 31-8B
B.M. 31-8B							+ 912	122				472	Eastern @ Telegraph
							1301	172	✓		✓	946	F.B. 3707-143

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY R. ANDAKL

NOTES BY SIEMANN DATE 12-1-70 WEATHER PTLY CLOUDY INST. NO 75234

INDEXED B.J. GALLI DATE 12-7-70 TIME 10:40 TO 11:35 ROD NO 2139 A&B

NOTES CHKD RCB DATE 3-71

F.B. 4106 PG. 197

T= 68°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 31-9A TO B.M. 31-10A
B.M. 31-9A							B.M. 31-9A
1	229 124	530 5	242 / 216 26	13 255	314 5	25 / 1 24	EASTERN AVE. & HUBBARD ST.
							SEE F.B. 3707-148
2	253 718	554 5	263 / 243 20	35 248	336 5	45 / 25 20	
			46			44	
3	249 182	550 5	260 / 238 22	20 151	321 5	32 / 8 24	
			68			68	
4	262 402	563 5	274 / 250 24	16 832	317 5	28 / 4 24	
			92			92	
5	255 868	556 5	268 / 242 26	20 898	321 5	32 / 8 24	
			118			116	
6	256 350	557 5	274 / 238 36	39 328	340 5	57 / 21 36	
			154			152	T= ANDERSON
7	272 438	573 5	297 / 247 50	14 882	315 5	38 / 14 48	
			204			200	
8	265 513	566 5	289 / 241 48	10 774	311 5	37 / 10 54	
			249			254	
9	290 081	591 5	290 / 265 50	50 290	351 5	72 / 28 44	
			299			298	
10	298 885	599 5	298 / 274 48	19 057	320 5	44 / 19 50	
			347			348	
11	230 522	531 5	253 / 205 50	149 600	450 5	174 / 124 50	
			397			398	
12	138 702	439 5	172 / 104 68	163 710	464 5	197 / 129 68	
			465			466	B.M. 31-10A
13	238 764	539 5	256 / 220 36	55 818	356 5	73 / 37 36	EASTERN AVE. & POMONA FRWY
	+ 3241 549 ✓		RCB 501	609 843 ✓		502	SEE F.B. 3707-147
	609 843		504			504 RCB	
	3631 706 ✓					1006 RCB	

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Do not extend notes this side of this line.

F.B. 4106 PG. 198 | JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES J.G.R. 3-DEC-70

INDEXED G.J. GATTI DATE

WEATHER Clear INST. NO. 7523

TIME 10:30 ROD NO. 2139 H

NOTES CHKD RCB DATE 3-71

T=640 66°

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
B.M.31-10A									FROM B.M.31-10A TO B.M.31-9A
1	7	278	308	5	156	907	457	5	B.M.31-10A
				½) 40 7 68 (66)				190 122 68	Eastern Ave. & Pomona Fwy.
2	178	003	479	5	150	067	451	5	F.B. 3707-147
				214 142 72 138 140				185 115 70 138	
3	16	372	317	5	289	052	590	5	T Anderson
				½) 44 16 56 194				289 ½) 260 58 196	
4	6	454	307	5	270	841	571	5	
				½) 30 6 48 242				295 245 50 246	
5	16	400	317	5	255	972	556	5	
				½) 39 16 46 288				277 233 44 290	
6	30 ~~20~~	163	331	5	243	390	544	5	
				49 11 38 326				263 223 40 330	
7	31	782	332	5	234	123	535	5	
				51 11 40 366				252 216 36 366	
8	26	380	327	5	270	323	571	5	
				42 10 32 398				287 253 34 400	
9	16	678	317	5	257	430	558	5	
				27 5 22 420				268 246 22 422	
10	20	418	321	5	253	271	554	5	
				30 10 20 440				264 242 22 444	
11	12	675	313	5	232	152	533	5	
				½) 23 12 22 462				241 223 18 462	
12	23	112	324	5	240	048	541	5	
				33 13 20 482				250 236 20 482	
13	40	970	341	5	204	140	505	5	
				46 34 12				209 199 10	
	+ 426	685	✓	✓494	3057	716 ✓		✓492	B.M. 31-9A
B.M. 31-9A					+ 426	685		494	Eastern Ave. & Hubbard
					- 2631	031 ✓		✓986	F.B. 3707-148

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.

RERUN

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
B.M. 31-9A											FROM B.M. 31-9A TO B.M. 31-10A
1	228	377	529	5	241 215 26	17	332	318	5	30 4 26	B.M. 31-9A
					276					37	Eastern Ave. about Hubbard
2	266	460	567	5	256 20	26	298	327	5	15 28	F.B. 3707-145
					241 46					52 48	
3	232	683	533	5	223 18	41	573	342	5	30 22	
					286 64					52 70	T ANDERSON
4	274	472	575	5	262 24	43	910	344	5	34 18	(RERUN)
					214 88					50 88	
5	206	273	507	5	198 16	42	528	343	5	34 16	
					104					104	
6	295	643	596	5	½) 295 295 40	18	847	319	5	½) 38 18 40	
					144					144	
7	276	858 (858)	577	5	299 253 46	34	552	335	5	55 13 42	
					190					186	
8	273	219	574	5	297 249 48	11	428	312	5	½) 36 11 50	
					238					236	
9	294	282	595	5	½) 294 266 56	16	340	317	5	½) 44 16 56	
					294					292	
10	289	238	590	5	½) 289 266 46	25	617	326	5	47 3 44	
					340					336	+ 3326.698
11	253	~~052~~ 094	554	5	278 228 50	112	565	413	5	136 88 48	− 695.350
					390					384	+2631.348 ✓
12	56	670	357	5	77 35 42	176	075	477	5	200 152 48	
					432					432	
13	196	880	497	5	220 172 48	30	637	331	5	54 6 48	
					480					480	B.M. 31-10A
14	182	549	483	5	191 173 18	97	648	398	5	105 89 16	Eastern Ave @ Pomona Fwy.
	+3326698 ✓		See Diff. @ Right			695 350 ✓				496 ✓	F.B. 3707-147
					498 ✓					498	
										994 ✓	

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

SURVEY BY Campbell " WEATHER Cloudy - windy INST. NO. 25834

NOTES BY " DATE 17-Dec-70 TIME 13:12 ROD NO. 21392B

INDEXED B. J. GATTI DATE JAN 12 71 NOTES CHKD RCB DATE 3-71

T = 64°

F.B. 4106 PG. 139

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RERUN

F.B. 4106 PG. 200 JOB NO. 030102

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Lambell NOTES S.G.R. 18-Dec.70

INDEXED G.T. GAITI DATE

WEATHER Cloudy-Lt. Bre. INST. NO. 7523

TIME 11:25 ROD NO. 2/39A

NOTES CHKD. RCB DATE 3-71

To 600

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
B.M. 31-10A											FROM B.M. 31-10A TO B.M. 31-9A
1	9	393	310	5	47 ½) 9 66	167	102	468	5	166 ½) 167 66	B.M. 31-10A
											Eastern Ave. @ Pomona Fwy Bridge
2	173	882	474	5	202 144 58	125	064	426	5	155 95 60	F.B. 3707-147
					(124) 124					126	
3	72	352	373	5	96 48 48	243	420	544	5	267 219 48	T Anderson
					172					174	RERUN
4	10	476	311	5	33 ½) 10 46	255	459	556	5	277 233 44	
	NOTE				218					218	
5	10	100	311	5	34 ½) 10 48	263	872	564	5	286 240 46	
					266					264	
6	19	043	320	5	41 ½) 19 44	255	128	556	5	277 233 44	
					310					308	
7	11	376	312	5	33 ½) 11 44	252	914	553	5	274 230 44	
	NOTE				354					352	
8	11	770	312	5	32 ½) 11 42	290	128	591	5	290 ½) 270 40	
					396					392	
9	13	310	314	5	25 ½) 13 24	281	939	582	5	295 267 28	
					420					420	
10	20	968	321	5	30 10 20	248	698	549	5	258 238 20	
					440					440	
11	15	860	316	5	25 5 20	247	440	548	5	257 237 20	
					460					460	
12	18	662	319	5	28 8 20	261	605	562	5	271 251 20	
					480					480	
13	78	868	379	5	83 73 10	204	752	505	5	209 199 10	
+	466	060			490	3097	521			490	B.M. 31-9A
B.M. 31-9A						− 466	060			490	Eastern Ave. @ Hubbard
						− 2631	461			980	F.B. 3707-145

76R526B CE # 308 8/68

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

SURVEY BY SIE MANN RANDALL

NOTES BY S.J. GALLI DATE 12-1-70

INDEXED DATE JAN 12 71

WEATHER PTLY CLOUDY INST. NO. 75234

TIME 11:40 TO 12:20 ROD NO. 2139

NOTES CHKD. RCB DATE 3-71

T = 62°

F.B. 4106 PG. 201

STATION	BACKSIGHT Right	Mic.	Left	Mic.	Stadia	FORESIGHT Right	Mic.	Left	Mic.	Stadia	DESCRIPTION AND REMARKS
											FROM B.M. 31-10A TO B.M. 31-11
B.M. 31-10A											B.M. 31-10A
1	296	553	597	5	296 / 248 96	35	722	336	5	85 / 35 100	EASTERN AVE. & POMONA FRWY.
											SEE F.B. 3707-147
2	188	778	489	5	227 / 149 78	186	175	487	5	225 / 147 78	
					174					178	
3	104	985	405	5	127 / 81 46	222	602	523	5	244 / 200 44	
					93 220					222	
4	78	753	379	5	63 30	268	149	569	5	283 / 253 30	
					250					252	
5	20	422	321	5	35 / 5 30	241	895	542	5	256 / 226 30	T = ANDERSON
					280					282	
6	138	777	439	5	158 / 118 40	141	552	442	5	161 / 121 40	
					320					322	
7	260	592	561	5	273 / 247 26	9	940	310	5	22 / 9 26	
					346					348	
8	298	572	599	5	298 / 279 ½ 38	73	972	374	5	91 / 55 36	
					384					384	
9	180	571	481	5	209 / 151 58	99	819	400	5	127 / 71 56	
					442					440	
10	123	447	424	5	160 / 86 74	272	930	573	5	272 / 236 72	
	+ 1691 450				516	1552	756			512	
	- 1552 756									516	
	+ 138 694									1028	
											BM 31-11
											Brooklyn Ave. & Ford Blvd. S.W. Cor.
											F.B. 1397-16
BM 31-11											

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F.B. 4106 PG. 202 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Cooper NOTES JGR 3-Dec-70

INDEXED B.J. GALLI DATE

WEATHER Clear INST. NO. 7523

TIME 07:50 ROD NO. 239AC

NOTES CHKD RWB DATE 3-71

T=62-

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 31-11									From B.M. 31-11 To B.M. 31-10A
1	253	700	554 5	384 222 62	87	550	388 5	117 57 60	B.M. 31-11
2	94	912	395 5	127 61 66	188	818	489 5	221 155 66	Brooklyn Ave. @ Ford.
3	92	222	393 5	112 72 40	297	002	598 5	397 276 42	F.B. 1397-16
4	23	130	324 5	35 11 24	267	520	568 5	279 255 24	T Anderson
5	76	012	377 5	101 (50) 51 50	93	815	394 5	118 68 50	
6	193	872	494 5	208 178 30	33	772	334 5	49 17 32	
7	275	658	576 5	295 255 40	55	728	356 5	75 35 40	
8	253	222	553 5	272 232 40	81	032	382 5	101 61 40	
9	177	572	478 5	211 143 68	158	108	459 5	190 126 64	
10	76	162	377 5	108 44 64	210	319	511 5	242 178 64	
11	100	940	401 5	112 88 24	177	582	478 5	190 164 26	
12	80	692	381 5	95 65 30	184	288	485 5	199 169 30	
	+ 1697	094		538	1835	534		538	B.M. 31-10A
B.M. 31-10A					1697	094		538	Eastern @ Pomona Fwy
					138	440		1076	F.B. 3707-147

76P526B CE # 308 8/68

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

SURVEY BY RANDALL NOTES BY SIEMANN DATE 12-1-70 WEATHER PTLY CLOUDY INST. NO 76234

TIME 2:00 TO 2:10 ROD NO 21394

INDEXED B.J. GALLI DATE JAN 12 71 NOTES CHKD DATE 3-71

T = 60°

F.B. 4106 PG. 203

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 31-11 TO B.M. 31-12A
B.M. 31-11							B.M. 31-11
1	192 869	493 5	229 155 74	141 880	442 5	178 104 74	BROOKLYN AVE. & FORD ~~AVE~~ BLVD SEE F.B. 1397-16
2	137 020	438 5	176 98 78 152	121 420	422 5	159 83 76 150	
3	138 829	439 5	160 116 44 196	161 786	462 5	185 137 48 198	T = MALDONADO
4	120 889	421 5	132 108 24 220	188 312	489 5	199 177 22 220	
B.M. 31-12A						220 440	B.M. 31-12A FORD BLVD & FLORAL DR. SEE F.B. 1397-239
	+589 607			613 398 589 607 23 791			

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F.B. 410C PG. 204 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Rodell NOTES JGR 3 Dec '70

INDEXED B. J. GALLI DATE

WEATHER Clear INST. NO. 7522

TIME 09:25 ROD NO. 139AB

NOTES CHKD RGB DATE 3-71

T=620

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
B.M. 31-12A							From B.M. 31-12A To B.M. 31-11
1	211 812	512 5	179 64	135 100	436 5	103 64	B.M. 31-12A
							Ford Blvd. @ Floral
2	154 310	455 5	124 60	152 180	458 5	120 64	F.B. 1397-239
3	170 731	471 5	138 64	183 492	484 5	153 60	T. Rodriguez
4	151 089	452 5	136 30	193 450	494 5	178 30	
	+ 687 942	✓	✓ 218	664 222	✓	218	✓ B.M. 31-11
B.M. 31-11	- 664 222					30	Ford @ Brooklyn
	+ 23 720	✓				218	F.B. 1397-16
						✓ 436	

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY RANDALL NOTES BY SIEMANN DATE 12-1-70 WEATHER PTLY CLOUDY INST. NO 75234

TIME 2:15 TO 2:50 ROD NO 21394 INDEXED DATE NOTES CHKD DATE 3-71

T= 62°

F.B. 4106 PG. 205

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 31-12A TO B.M. 31-14
B.M. 31-12A							B.M. 31-12A
1	198 113	499 5	224 172 52	186 565	487 5	212 160 52	FORD DR. & FLORAL BLVD.
							SEE F.B. 1397-239
2	93 800	394 5	129 57 72	180 700	481 5	217 143 74	
							126
3	118 948	419 5	154 84 70	163 394	464 5	197 129 68	
			124				194
4	125 614	426 5	161 89 72	191 531	492 5	227 155 72	
			194				266
5	184 078	485 5	221 147 74	66 777	367 5	104 28 76	T= MALDONADO
			266				342
6	255 928	556 5	282 228 54	24 131	325 5	151 224 54	
			340				396
7	301 458	602 5	330 275 52	49 700	350 5	25 23 52	
			394				448
8	264 218	565 5	282 246 36	133 871	434 5	150 116 34	
	+1542 157		482	996 669		482	
B.M. 31-14	-996 669					482	B.M. 31-14
	+545488					964	MONTEREY PASS RD. & KERN AVE
							SEE F.B. 1397-18

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 75224 ROD NO. 239 DATE 3-71

WEATHER Clear TIME 08:47 NOTES CHKD RAB

T=550

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 31-14									From B.M. 31-12A (not) to B.M. 31-12A
1	66	879	367 5	38 56	267	730	568 5	238 58	B.M. 31-14
2	22	140	323 5	(2) 22 64	301	428	602 5	(2) 271 60	Monterey Pass @ Kern Ave. F.B. 1397-18
3	54	172	355 5	29 50	250	131	551 5	222 56	T Rodriguez
4	100	240	401 5	82 30	163	308	464 5	146 34	
5	184	728	485 5	147 74	130	148	431 5	92 76	
6	176	538	477 5	144 64	142	292	403 5	112 60	
7	184	528	485 5	146 76	109	800	410 5	72 74	
8	222	941	523 5	186 72	193	031	494 5	156 74	
	+ 1012	166 ✓		492	1557	868 ✓		492	B.M. 31-12A
B.M. 31-12A					+ 1012	166		492	Floral & Ford
					545	702 ✓		984	F.B. 1397-239

F.B. 4106 Pg. 206 JOB NO. 030102

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Ronbell NOTES I.G.R. 3-Dec-70

INDEXED G.J. GALLI DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY RANDALL

NOTES BY BRANCHARD

INDEXED B. L. GALLI

DATE 8 Dec 1970

DATE JAN 12 71

WEATHER FOG

TIME 0925

NOTES CHKD RCB

DATE 3-71

INST. NO. 75234

ROD NO. 2139 A&B

F.B. 4106 PG 207

T = 54°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM 31-14	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 31-14 TO BM 31-15A
1.	235	367	536	5	218	34	15	234	316 5 ½) 15 34	BM 31-14 -
									MONTEREY PASS AT KERN
2.	283	767	584	5	268	30	11	778	312 5 ½) 11 28	F.B. 1397-18
3.	263	912	564	5	252	22	10	340	311 5 ½) 10 24	
4.	238	482	539	5	221	22	35	930	336 5 24 22	π ANDERSON
5.	232	102	533	5	221	22	59	818	360 5 47 24	
6	225	536	526	5	210	30	55	540	356 5 40 30	
7.	223	143	524	5	198	50	62	704	363 5 37 50	
8.	236	728	537	5	204	64	36	465	337 5 4 64	
9.	248	374	549	5	213	70	30	980	331 5 ½) 30 70	
10	240	544	541	5	202	76	109	224	410 5 70 78	
11	167	342	468	5	135	64	116	902	417 5 85 62	
+2	169	522	470	5	145	48	128	732	429 5 105 46	B.M. 31-15A
					✓532				✓532	Monterey Pass, Bld'g. 736
	+ 2764	819	✓				- 673	647	✓	F.B. 1397-241
BM 31-15A	- 673	647								532
	+ 2091	172	✓							✓1064

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 406 PG. 208 — SURVEY OF L.A. Co. Precise Level Net — JOB NO. 0301.02 — SURVEY BY Bandell — NOTES J.G.R. 15-Dec-70 — INDEXED G.J. GALI — DATE

WEATHER Overcast — INST. NO. 73234 — TIME 13:10 — ROD NO. 2394E — NOTES CHKD RCG — DATE 3-71

T-640

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 31-15A				145				206	FROM B.M. 31-15A TO B.M. 31-14
1	109	130	410 5	73 72	169	143	470 5	132 74	B.M. 31-15A
									Monterey Pass @ Bld'g. 736
2	118	848	419 5	151 85 66	155	298	456 5	188 122 66	F.B. 1397-241
				138				140	
3	59	122	360 5	95 23 72	251	464	552 5	288 214 74	T Anderson
				210				214	
4	25	912	326 5	62 ½ 25 74	242	186	543 5	275 209 66	
				284				280	
5	40	648	341 5	72 8 64	241	410	542 5	274 208 66	
				348				346	
6	22	718	323 5	57 ½ 22 70	291	270	592 5	½ 291 263 56	
				418				402	
7	51	290	352 5	63 39 24	289	870	590 5	½ 289 271 36	
				442				438	
8	29	128	330 5	40 18 22	284	610	585 5	298 270 28	
				464				466	
9	12	062	313 5	23 ½ 12 22	283	462	584 5	296 270 26	
				486				492	
10	20	332	321 5	33 7 26	211	238	512 5	220 202 18	
				512				510	
11	70	348	371 5	82 58 24	230	975	531 5	244 216 28	B.M. 31-14
	+ 559	538	✓	↳ 536	~~2091~~	~~388~~		↳ 538	Monterey Pass @ Kern
B.M. 31-14					~~559~~	~~538~~		536	F.B. 1397-18
						~~850~~		↳ 1074	
					- 2650	926 ✓			
					+ 559	538			
					- 2091	388 ✓			

76P526B CE # 308 8/68

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

SURVEY BY RANDALL

NOTES BY B. MCHARD DATE 8 DEC 1970 WEATHER FOG INST. NO. 75234

INDEXED G.J. GALLI DATE JAN 12 TIME 1020 ROD NO. 2139 A.B

NOTES CHKD RCB DATE 3-71

T = 56°

F.B. 4106 PG 209

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM 31-15A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 31-15A TO BM 31-16B
1	158	903	459	5	126	64	126 002	427 5	94 64	BM 31-15A
					190				158	MONTERY PASS Bldg 736
2	177	072	478	5	213 141	72	131 534	432 5	169 93 76	FB 1397-241
					196	136			160	140
3	159	708	460	5	122	74	124 980	425 5	88 72	
					190	210			135	212
4	155	875	456	5	120	70	100 112	401 5	65 70	T ANDERSON
					222	280			137	282
5	185	075	486	5	148	74	99 006	400 5	61 76	
					218	354			127	358
6	183	702	484	5	148	70	94 860	395 5	61 66	
					202	424			132	424
7	172	228	473	5	142	60	102 492	403 5	72 60	
					150	484			77	484
8	130	002	431	5	110	40	57 368	358 5	37 40	B.M. 31-16B
	+ 1322 565					524	836 354		524	Monterey Pass @ Fremont
BM 31-16B	- 836 354								524	F.B. 3707-158
	+ 486 211								1048	

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Do not extend notes this side of this line.

F.B. 4106 PG. 210 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Blanchard 3 Dec 1970

INDEXED S. T. GALT DATE

WEATHER Fog INST. NO. 7523

TIME 1440 ROD NO. 8/39A

NOTES CHKD. RWB DATE 3-71

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 31-16B					91						126		FROM BM 31-16B TO BM 31-15A
1	53	338	354	5	25	56	158	542	459	5	130	56	BM 31-16B
					141						212		MONTEREY PASS at Fremont
2	107	195	408	5	73	68	178	317	479	5	144	68	F.B. 3707-158
					124	124					214	124	
3	89	222	390	5	54	70	179	338	480	5	144	70	
					131	194					113	194	
4	97	900	398	5	63	68	179	688	480	5	145	68	
					153	262					190	262	T ANDERSON
5	118	010	419	5	83	70	156	332	457	5	122	68	
					153	332					181	330	
6	120	939	421	5	87	66	149	374	450	5	117	64	
					162	398					219	394	
7	124	430	425	5	86	76	179	760	480	5	139	80	
					148	474					165	474	
8	129	608	430	5	110	38	145	498	446	5	125	40	
	+ 840	642	✓			512	1326	849	✓			514	
BM 31-15A							+ 840	642				512	
							486	207	✓			1026	✓

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 Rodriguez Randall WEATHER Overcast INST. NO. 73234

NOTES BY G. J. GALLT DATE 8-DEC-70 TIME 11:10 ROD NO. 2339

INDEXED DATE JAN 12 '71 NOTES CHKD RCB DATE 3-71

F.B. 4106 PG. 211

TE60

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM31-16B											From BM31-16B To BM31-17
1	30	561	331	5	50 10 40	177	483	478	5	197 157 40	BM31-16B
											MONTERY PASS Rd & FREMONT
2	119	700	420	5	144 94 50	160	509	461	5	186 134 52	AV.
					90					92	F.B 3707-158
3	151	183	452	5	179 123 56	177	050	478	5	205 149 56	
					146					148	T BOB BLANCHARD
4	163	885	464	5	191 135 56	163	293	464	5	190 136 54	
					202					202	
5	147	045	448	5	179 115 64	186	455	487	5	218 154 64	
					266					266	
6	154	137	455	5	184 124 60	197	920	498	5	228 166 62	
					326					328	
7	140	795	441	5	172 108 64	248	220	549	5	280 216 64	
					390					392	
8	14	860	315	5	1/2) 44 14 60	273	177	574	5	1/2) 273 243 60	
					450					452	
9	114	309	415	5	144 84 60	217	895	518	5	247 187 60	
					510					512	
10	31	3 745	332	5	1/2) 61 31 60	297	410	598	5	1/2) 297 268 60	
					570					572	
11	154	959	455	5	169 139 30	156	553	457	5	169 143 26	
					600					598	
12	155	523	456	5	159 151 8	196	175 ~~126~~	497	5	201 191 10	
	+1378	692			608	2452	140			608	
B.M. 31-17						+1378	692			608	
						1073	448			1216	BM 31-17
											GARVEY @ ATLANTIC
											S.E. COR.
											F.B 1397-21

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 406 PG. 212 | JOB NO. 030102 | SURVEY OF L.A.Co. Precise Level Net | SURVEY BY Randall | NOTES Rodriguez | INDEXED C. L. GALLI | DATE

WEATHER Overcast | INST. NO. 75234 | TIME 18:30 | ROD NO. 239 MB | NOTES CHKD. RDB | DATE 3-71

T=60°

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM31-17											From BM31-17 To BM31-16B
1	194	375	495	5	274 174 40	106	663	407	5	127 85 42	BM31-17
											Garvey @ Atlantic
2	250	860	551	5	274 226 48	45	917	344	5	68 22 46	S.E. Cor
					88					88	F.B 1397-21
3	198	947	499	5	226 170 56	113	919	414	5	141 85 56	
					144					144	
4	226	119	527	5	252 200 52	33	653	334	5	59 7 52	K Bob Blanchard
					196					196	
5	285	407	586	5	285 (½) 261 48	119	157	420	5	144 94 50	
					244					246	
6	219	291	520	5	252 186 66	120	535	421	5	152 88 64	
					310					310	
7	169	899	470	5	196 142 54	120	891	421	5	149 91 58	
					364					368	
8	125	393	426	5	156 94 62	151	993	452	5	180 122 58	
					426					426	
9	168	015	469	5	198 138 60	144	533	445	5	178 110 68	
					486					494	
10	168	467	469	5	198 138 60	155	050	456	5	181 129 52	
					546					546	
11	178	609	479	5	202 154 48	130	993	431	5	154 106 48	
					594					594	
12	173	561	474	5	187 159 28	42	897	343	5	57 27 30	
	+ 2358 943 ✓				622	~~1286 201~~				624 ✓	
B.M. 31-16B	- ~~1286 201~~					~~1285 201~~ ✓ RDB				622	
	~~+ 1072 742~~					1286 201				1246 ✓	BM31-16B
	- 1286 201										Monterey Pass Rd &
	+ 1072 742 RDB										Fremont Av.
	1072 742										F.B 3707-158

76P526B CE # 308 8/68

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STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
B.M. 31-16B											From B.M. 31-16B to B.M. 31-17
1	20	351	321	5	52 ½) 20 64	198	821	499	5	230 166 64	B.M. 31-16B
					210					224	Monterey Pass Rd. @ Fremont
2	170	440	471	5	130 80 144	184	191	485	5	144 80 144	F.B. 3707-158
					178	NOTE 2				206	T Rodriguez
3	141	759	442	5	104 74 218	170	170	471	5	134 72 216	
					182					212	
4	145	212	446	5	108 74 292	175	219	476	5	138 74 290	
					160					180	
5	128	288	429	5	96 64 356	147	948	448	5	114 66 356	Rerun
					58					301	
6	21	852	322	5	½) 21 74 430	301	352	602	5	½) 268 66 422	
					68					254	
7	34	880	335	5	0 68 498	215	522	516	5	176 78 500	
					119					274	
8	98	541	399	5	77 42 540	252	771	553	5	230 44 544	
					85					231	
9	71	530	372	5	57 28 568	215	571	516	5	199 32 576	
					180					219	
10	159	979	460	5	138 42	204	220	505	5	189 30	
	+ 992	782 ✓			✓610	2065	785 ✓			606 ✓	B.M. 31-17
B.M. 31-17						+ 992	782			610	Garvey @ Atlantic
						= 1073	003 ✓			✓1216	F.B. 1397-21

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

SURVEY BY Randall

NOTES BY "

INDEXED B. L. GALLI

DATE 15-Dec-70

DATE JAN 12 '71

WEATHER overcast

TIME 1500

NOTES CHKD RCB

INST. NO. 75234

ROD NO. 213948

DATE 3-71

T=66°

F.B. 4106 PG. 213

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

INST. NO. 25234 ROD NO. 213948 DATE 3-71

WEATHER Overcast TIME 1105 NOTES CHKD. RCB

T = 58°

F.B. 4100 PG. 214 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES JGR 17 Dec. 70

INDEXED B. J. GALLT DATE

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From B.M. 31-17 to B.M. 31-16B
B.M. 31-17							B.M. 31-17
1	240 732	541 5	276 204 72	22 669	323 5	58 ½) 22 72	Garvey @ Atlantic
							F.B. 1397-21
2	257 341	558 5	286 228 58	115 128	416 5	143 87 56	
							128
3	239 098	540 5	272 206 66	15 690	316 5	49 ½) 15 68	
							196
4	266 094	567 5	266 ½) 238 56	96 499	397 5	123 69 54	
							250
5	221 618	522 5	257 185 72	128 (188) 198	429 5	166 90 76	T Rodriguez
							326
6	192 661	493 5	227 157 70	162 151	463 5	198 126 72	
							398
7	189 379	490 48 5	227 151 76	201 791	502 5	240 162 78	Rerun
							476
8	188 588	489 5	224 152 72	151 809	452 5	184 118 66	
							542
9	184 014	485 5	208 160 48	131 390	432 5	155 107 48	
							590
10	205 982	506 5	222 188 34	87 599	388 5	104 70 34	
	+ 2185 507		624	1112 914		624	B.M. 31-16B
B.M. 31-17	- 1112 914					624	Monterey Pass @ Fremont
	+ 1072 593					1248	F.B. 3707-158

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY Randall NOTES BY Randall DATE 9-Dec-70 WEATHER Cloudy-Rain INST. NO. 25234

INDEXED S. J. GALLY DATE JAN 12 '71 TIME 11:20 ROD NO. 2339 #8

NOTES CHKD RCB DATE 3-71

F.B. 4106 PG. 25

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM 31-17	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM31-17 TO B.M. 31-18
1	151	930	452 5	178 / 136 42	58	351	359 5	73 / 41 32	BM 31-17
									Garvey @ Atlantic
2	226	568	527 5	235 / 217 18	47	277	348 5	62 / 32 30	S.E. COR
				60				62	F.B 1397-21
3	226	542	527 5	246 / 206 40	127	399	428 5	148 / 106 42	
				100				104	T Rodriquez
4	112	622	413 5	146 / 78 68	240	650	541 5	277 / 203 74	
				168				178	
5	75	520	376 5	116 / 34 82	185	030	486 5	221 / 149 72	
				250				250	
6	139	291	440 5	176 / 102 74	185	000	486 5	221 / 149 72	
				324				322	
7	143	138	444 5	175 / 111 64	180	350	481 5	212 / 148 64	
				388				386	
8	137	900	438 5	176 / 98 78	169	340	470 5	208 / 130 78	
				466				464	
9	163	601	464 5	180 / 146 34	155	670	456 5	172 / 138 34	B.M. 31-18
	+ 1377	112 ✓		✓ 500	1349	067 ✓		✓ 498	Garvey @ Garfield
B.M. 31-18	- 1349	067						500	F.B. 1397-22
	+ 28045	✓						998 ✓	

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

INST. NO. 75234 ROD NO. 213913 DATE 3-71

WEATHER Clear Calm TIME 14:00 NOTES CHKD RCB

T = 800

SURVEY OF L.A. Co. Precise Level Net SURVEY BY Ernell NOTES J.G.R. 11-Dec-70 INDEXED C.J. GALLI DATE

JOB NO. 0301.02 F.B. 4106 PG. 216

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
B.M. 31-18											From B.M. 31-18 to B.M. 31-17
1	147	690	448	5	169 125 44	131	092	432	5	153 109 44	B.M. 31-18
											Garvey @ Garfield
2	163	932	464	5	194 132 62	136	398	437	5	167 105 62	F.B. 1397-22
					106					106	
3	169	311	470	5	210 128 82	119	579	420	5	160 78 82	T Rodriguez
					188					188	
4	180	820	481	5	212 148 64	147	210	448	5	178 116 62	
					252					250	
5	203	002	504	5	245 161 84	52	742	353	5	94 10 84	
					336					334	
6	217	602	518	5	241 188 62	129 ~~130~~	942	430	5	158 100 58	
					398					392	
7	120	982	421	5	142 98 44	287	051	588	5	1) 287 2) 261 52	
					442					444	
8	67	089	368	5	79 55 24	239	902	540	5	251 227 24	
					466					468	
9	133	819	434	5	152 114 38	148	730	449	5	164 130 36	
					504					504	
10	153	241	454	5	158 148 10	193	160	494	5	198 188 10	B.M. 31-17
+	1557	488	✓	-	514	1585	806	✓		514	Garvey @ Atlantic
B.M. 31-17						1557	488			514	F.B. 1397-21
						28	318	-		1028 ✓	

76P526B CE # 308 8/68

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

Do not extend notes this side of this line.

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

SURVEY BY Randall WEATHER Clear INST. NO 75234

NOTES BY J. GAI DATE 9-Dec-70 TIME 13:10 ROD NO 239-46

INDEXED DATE JAN 12 71 NOTES CHKD RCB DATE 3-71

F.B. 4106 PG. 217

T = 70°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
B.M. 31-18													FROM B.M. 31-18 TO B.M. 31-19
1	167	760	468	5	178 156	22	145	120	446	5	156 134	22	B.M. 31-18
													Garvey @ Garfield
2	179	558	480	5	179 ½) 142	70	105	738	406	5	140 70	70	F.B. 1397-22
						92						92	
3	198	988	499	5	232 164	68	111	881	412	5	146 76	70	
						160						162	
4	211	599	512	5	252 170	82	180	962	481	5	222 138	84	T Rodriquez
						242						246	
5	99	091	400	5	140 58	82	186	951	487	5	225 147	78	
						324						324	
6	136	168	437	5	174 98	76	184	821	485	5	222 146	76	
						400						400	
7	125	950	426	5	158 92	66	175 178	629	476	5	175 ½) 138	74	
						466						474	
8	154	381	455	5	161 147	14	171	240	472	5	174 168	6	
+	1273	495				480	1262	342				480	B.M. 31-19
B.M. 31-19 -	1262	342										480	Emerson Ave. @ Alhambra
+	11	153										960	F.B. 1397-23

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F.B. 4106 Pg. 218 JOB NO. 020102

SURVEY OF L.A.C. Precise Level Net

SURVEY BY Rodgell NOTES JGR 11-Dec-70

INDEXED [redacted] DATE

WEATHER Clear-Calm INST. NO. 75234

TIME 11:45 ROD NO. 213012

NOTES CHKD RDB DATE 3-71

T = 760

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 31-19									From B.M. 31-19 To B.M. 31-18
1	193	078	494 5	218 168 50	146	200	447 5	171 121 50	B.M. 31-19
2	188	501	489 5	226 150 76	121	950	422 5	158 84 4 78	Emerson @ Alhambra F.B. 1397-23
3	181	392	482 5	218 144 74	112	760	413 5	148 76 124 72	T Rodriguez
4	176	380	477 5	200 196 156 40	151	981 ~~990~~	452 5	196 171 131 40	
5	185	789	1/3 486 5	240 185 145 80	203	810	504 5	236 245 161 84	
6	125	820	426 5	320 160 90 70	197	752	498 5	232 162 70	
7	81	921	382 5	390 117 45 72	181	270	482 5	390 181 1/3 144 74 (74)	
8	147	640	448 5	462 160 134 26	175	872	476 5	464 188 162 26	
+	1280	521 ✓		✓ 488	1291	595 ✓		✓ 490	B.M. 31-18
B.M. 31-18					− 1280	521		488	Garfield @ Garvey
					11	074 ✓		978	F.B. 1397-22

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
B.M. 31-19									FROM B.M. 31-19 TO 31-20A
1	212	868	513 5	~~229~~ 195 34	144	071	445 5	~~162~~ 126 36	B.M. 31-19
									Emerson Ave. @ Alhambra
2	181	842	482 5	200 162 38	158	760	459 5	177 139 38	F.B. 1397-23
				72				74	
3	20	138	321 5	1/2) 56 20 78	297	732	598 5	1/2) 297 258 78	T. Rodriguez
				150				152	
4	56	190	357 5	87 25 62	225	087 ~~010~~	526 5	256 194 62	
				212				214	
5	107	100	408 5	141 73 68	218	670	519 5	253 183 70	
				280				284	
6	88	801	389 5	134 42 92	265	699	566 5	1/2) 265 219 92	
				372				376	
7	14	188	315 5	1/2) 54 14 80	294	920	595 5	1/2) 294 256 76	
				452				452	
8	144	971	445 5	162 126 36	184	990	485 5	201 167 34	
+	826	098		488	1789	929		486	B.M. 31-20A
B.M. 31-20A					826	098		488	Emerson @ N. Stevens
					963	831		974	F.B. 1397-24

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

SURVEY BY Randall WEATHER Clear INST. NO. 75334

NOTES BY " TIME 13:55 ROD NO. 21324B

INDEXED G. J. GATT DATE 9-Dec-70 NOTES CHKD. RCB DATE 3-71

DATE JAN 12 71

T=660

F.B. 4106 PG. 219

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F.B. 4104 PG. 220 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Cardoll NOTES JGR 11-Dec-70

INDEXED G. J. GALLO DATE

WEATHER Clear, Calm INST. NO. 75234

TIME 11:05 ROD NO. 23448

NOTES CHKD RCB DATE 3-71

T = 68°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 31-20A									From B.M. 31-20A To B.M. 31-19
1	181	298	482 5	~~202~~ 160 42	123	118	424 5	~~149~~ 102 42	B.M. 31-20A
									Emerson @ N. Stevens
2	213	318	514 5	232 194 38	93	489	394 5	112 74 38	F.B. 1397-24
				80				80	
3	274	520	575 5	298 250 48	62	528	363 5	87 37 50	
				128				130	
4	207	222	508 5	338 176 62	120	648	421 5	150 90 60	↑ Rodriguez
				190				190	
5	219	582	520 5	219 ½) 183 72	99	242	400 5	135 63 72	
				262				262	
6	222	440	523 5	257 187 70	59	500	360 5	93 25 68	
				332				330	
7	280	779	581 5	½) 280 294 72	32	520	333 5	½) 68 32 72	
				404				402	
8	201	250	502 5	239 168 66	183	942	484 5	216 150 66	
				470				468	
9	148	461	449 5	158 138 20	209	900	510 5	219 ~~200~~ 199 20	
	+1948	870	✓	490	984	887	✓	488	B.M. 31-19
B.M. 31-19	-984	887						490	Emerson @ Alhambra
	+963	983	✓					978	F.B. 1397-23

76P526B CE # 308 8/68

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

SURVEY BY Bernoski

NOTES BY "

INDEXED G. J. GALLI

DATE 10-Dec-70

DATE JAN 12 '71

WEATHER Clear

TIME 09:37

NOTES CHKD RCB

INST. NO. 75234

ROD NO. 2139AB

DATE 3-71

F.B. 4106 PG. 221

TE 600

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 31-20A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 31-20A TO B.M. 31-20B
1	126	452	427	5 95 62	174	098	475	5 142 64	B.M. 31-20A
									Emerson @ N. Stevens
2	67	279	368	5 108 26 82	211	062	512	5 251 171 80	F.B. 1397-24
				144				144	
3	35	362	336	5 51 19 32	245	062	546	5 262 228 34	T Anderson
				176				178	
4	36	443	337	5 67 5 62	251	700	552	5 280 222 58	
				238				236	
5	38	728	339	5 52 24 28	177	568	478	5 191 163 28	
				266				264	
6	13	578	314	5 (1/2) 32 13 38	292	173	593	5 (1/2) 292 276 32	
				304				296	
7	11	022	312	5 19 3 16	295	242	596	5 (1/2) 295 285 20	
				320				316	
8	153	382	454	5 163 143 20	187	133	488	5 199 175 24	
+	482	246		340	1834	038		340	B.M. 31-20B
B.M. 31-20B					482	246		340	Emerson @ Del Mar
					1351	792		680	F.B. 3707-169

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WEATHER Clear - Calm INST. NO. 75234

TIME 10:30 ROD NO. 213948

NOTES CHKD VKB DATE 3-71

T = 68°

F.B. 4106 PG. 222 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES JGR 11-Dec-70

INDEXED G.G. GALLI DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 31-20B									From B.M. 31-20B To B.M. 31-20A
1	175	870	476 5	183 167 16	11	128	312 5	20 2 18	B.M. 31-20B
									Emerson @ Del Mar
2	283	582	584 5	291 275 16	47	361	348 5	55 39 16	F.B. 3707-169
									X Anderson
3	284	852	585 5	284 263 32 42 74	47	492	348 5	34 69 25 44 78	
4	248	332	549 5	261 235 26 100	80	883	381 5	91 69 22 100	
5	207	628	508 5	231 183 48 148	63	594	364 5	87 39 48 148	
6	224	090	525 5	239 209 30 178	22	801	323 5	37 7 30 178	
7	206	852	507 5	239 173 66 244	80	012	381 5	114 46 68 246	
8	178	325	479 5	213 143 70 314	105	198	406 5	137 73 64 310	
9	148	633	449 5	155 141 14	148	412	449 5	155 141 14	
	+ 1958	164		328	606	881		324	B.M. 31-20A
B.M. 31-20A	- 606	881						328	Emerson @ N. Stevens
	+ 1351	283						652	F.B. 1397-24

76P526B CE # 308 8/68

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Do not extend notes this side of this line. RERUN

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

SURVEY BY Randall

NOTES BY Rodriguez

INDEXED G. T. GALLI

DATE 16 Dec 70

DATE JAN 12 71

WEATHER Overcast

TIME 9:45

NOTES CHKD RCB

INST. NO. 78234

ROD NO. 249 MB

DATE 3-71

F.B. 4106 PG. 223

TE 560

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 31-20A									FROM BM 31-20A TO BM 31-20B
1	143	708	444 5	156 130 26	152	362	453 5	165 139 26	BM 31-20A
									EMERSON @ N. STEVENS
2	102	550	403 5	141 63 78	208	008	509 5	248 168 80	F.B. 1397-24
				104				106	
3	85	569	386 5	113 57 56	237	477	538 5	264 210 54	T ANDERSON (RERUN)
				160				160	
4	41	407	342 5	56 26 30	225	778	526 5	240 210 30	
				190				190	
5	72	886	373 5	99 45 54	257	221	558 5	284 230 54	
				244				244	
6	50	812	351 5	69 31 38	249	613	550 5	267 231 36	
				282				280	
7	43	740	344 5	56 30 26	301	902	602 5	301 (1/2) 287 28	
				308				308	
8	14	787	315 5	21 7 14	230	028	531 5	237 223 14	
				322				322	
9	126	403	427 5	134 118 16	171	343	472 5	179 163 16	
	+ 681	862		338	2033	732		338	
BM 31-20B					+ 681	862		338	BM 31-20B
					1351	870		676	EMERSON @ 001 ~~MAR~~ MAR AV.
									F.B 3707-169

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INST. NO. 76234 ROD NO 2137 MB DATE 3-71

WEATHER Overcast TIME 10:40 NOTES CHKD RCG

T = 58°

F.B. 406 PG. 224 JOB NO. 03012

SURVEY OF L.A. Co Precise Level Net

SURVEY BY Rendell NOTES Rodriguez 16 DEC. 70

INDEXED G. J. GALLI DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM 31-20B									From BM 31-20B To BM 31-20A
1	198	238	499 5	207 189 18	15	222	316 5	24 6 18	BM 31-20 B
									Emerson @ Del Mar AV
2	280	328	581 5	288 272 16	55	589	356 5	63 47 16	F.B 3707-169
3	249	842	550 5	268 235 34 28	46	911	347 5	61 31 34 30	TT Anderson
4	175	798	476 5	190 160 62 30	23	872	324 5	36 10 64 26	
5	236	267	537 5	264 208 92 56	55	112	356 5	84 26 90 58	
6	243	947	544 5	261 225 148 36	13	147	314 5	32 ½ 13 148 38	
7	198	100	499 5	236 160 184 76	77	110	378 5	115 39 186 76	
8	179	420	480 5	214 144 260 70	121	286	422 5	156 86 262 70	
9	128	280	429 5	132 124 330 08	130	314	431 5	134 126 332 08	
	+ 1890	220	✓	↘ 338	+ 538	563	✓	↘ 340	
	- 538	563						338	
BM 31-20A	+ 1351	657	✓					↘ 678	B.M 31-20 A
									Emerson @ Stevens
									F.B 1397-24

76P526B CE # 308 8/68

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 31-20B	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 31-20B TO B.M. 31-21A
									B.M. 31-20B
1	148	585	449 5	162 134 28	188	653	489 5	202 174 28	Emerson @ Del Mar
									F.B. 3707-169
2	129	578	430 5	137 121 16	178	168	479 5	186 170 16	T Anderson
+	278	163	✓	44	366	821	✓	44	B.M. 31-21A
B.M. 31-21A					+ 278	163		44	Emerson @ Wilson Way
					88	658	✓	88	F.B. 1397-25

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

SURVEY BY Randall

NOTES BY J. J. GALLI

INDEXED

DATE 10-Dec-70

DATE MAR 12 71

WEATHER Clear-Calm

TIME 10:25

NOTES CHKD RCB

INST. NO. 75234

ROD NO. 2139HB

DATE 3-71

T= 640

F.B. 4106 PG. 225

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Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 31-21A TO B.M. 31-20B
B.M. 31-21A			~~207~~			~~113~~	
1	~~189~~ 012 190	491 5	173 34 149	96 530	397 5	79 34 154	B.M. 31-21A Emerson @ ~~Del M.~~ Wilson Way
2	146 794	447 5	143 6	151 673	452 5	148 6	F.B. 1397-25
	+ 336 806 ✓		↘ 40	248 203 ✓		↘ 40	T Anderson
B.M. 31-20B	- 248 203					40	B.M. 31-20B
	+ 88 603 ✓					↘ 80	Emerson @ Del Mar F.B. 3707-169

T = 68°

WEATHER Clear: Calm INST. NO. 75234

TIME 10:25 ROD NO. 2239AB

NOTES CHKD. RDB DATE 3-7

F.B. 406 PG. 226 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Randall 11-Dec.-70

INDEXED J. GALLI DATE

76P526B CE # 308 8/68

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

SURVEY BY Randell " DATE 10-Dec-70 WEATHER Clear Calm INST. NO. 75234

NOTES BY " TIME ROD NO. 2/39 RP

INDEXED C.J. GATLI DATE JAN 12 71 NOTES CHKD. RPCP DATE 3-71

T = 620

F.B. 4106 PG. 227

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 31-21A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 31-21A TO B.M. 31-22
1	100	938	401	5	63	74	149 282	450 5	112 74	B.M. 31-21A
										Emerson @ Wilson Way
2	111	761	412	5	136 86	50	164 260	465 5	189 139	50	F.B. 1397-25
						124				124
3	139	135	440	5	142 136	6	136 920	437 5	139 133	6	T Anderson
	+351	834	✓			130	450 462	✓		130	B.M. 31-22
B.M. 31-22							+351 834			130	Garvey Memorial Center N 767.03 E 1000.00
							98 628	✓		260	F.B. 1397-28

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 31-22	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 31-22 TO B.M. 31-21A
1	214	845	515 5	~~204~~ 194 40	173	547	474 5	~~174~~ 152 42	B.M. 31-22
				189				127	Garvey Memorial Center N 767.03 E 1000.
2	155	092	456 5	121 68	92	200	393 5	57 70	F.B. 1397-28
				158 108				164 112	
3	147	992	448 5	136 22	153	408	454 5	142 22	Anderson π
	+ 507	929 ✓		✓130	419	155 ✓		✓134	
B.M. 31-21A	419	155						130	B.M. 31-21A
	~~88~~	~~774~~						✓264	Emerson @ Wilson Way
	+ 98	774 ✓							F.B. 1397-25

WEATHER Clear-Calm INST. NO. 25234

TIME 10:05 ROD NO. 21398

NOTES CHKD RCB DATE 3-71

T=660

F.B. 406 PG. 228 JOB NO. 030102

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES J.G.R. 11-Dec-'70

INDEXED C. J. GAEC DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY Randall

NOTES BY "

INDEXED G. J. GALLI

DATE 10-Dec-70

DATE JAN 12 '71

WEATHER Clear - Calm

TIME 11:00

NOTES CHKD RBC

INST. NO. 75234

ROD NO. 2139AB

DATE 3-71

F.B. 4106 PG. 239

T = 640

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M.31-22	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.31-22 TO B.M.31-23
								120	B.M. 31-22
1	204	027	505 5	222 186 36	102	141	403 5	84 36	Garvey Memorial Center N 767.03 E 1000.00
									F.B. 1397-28
									K Anderson
	+ 204	027 ✓			102	141		✓ 36	B.M. 31-23
B.M.31-23	- 102	141 ✓						✓ 36	Garvey Memorial Center N 1000 E 1000
	+ 101	886 ✓						✓ 72	F.B. 1397-28

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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T= 660

WEATHER Clear-Calm INST. NO. 75234
TIME 10:00 ROD NO. 213948
NOTES CHKD RCB DATE 3-71

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 31-23	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 31-23 TO B.M. 31-22
									B.M. 31-23 Garvey Memorial Center N 1000 E 1000 F.B. 1397-28 T Anderson
1	88	613	389	5	190	542	491	5	
				106 70 36				207 173 34 36 ✓70	
B.M. 31-22 +	88	613	✓		190 + 88 + 101	542 613 929	✓ ✓		B.M. 31-22 Garvey Memorial Center N 767.03 E 1000 F.B. 1397-28

F.B. 4104 Pg. 230 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Bendell NOTES JGR 11-Dec-70

INDEXED G. J. GALEN 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 Reynolds WEATHER Clear-Calm INST. NO. 75234

NOTES BY " TIME 1105 ROD NO. 2339AB

INDEXED C. J. GAULT DATE 10-Dec-70 NOTES CHKD RCG DATE 3-71

F.B. 4100 PG. 231

T = 660

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
B.M. 31-23													FROM B.M. 31-23 TO B.M. 31-24
1	59	183	360	5	81 / 37	44	229	086	530	5	251 / 207	44	B.M. 31-28
													~~Emerson @ San Gabriel Blvd.~~
2	38	002	339	5	49 / 27	22	241	452	542	5	253 / 229	24	F.B. 1397-~~29~~ 28
						66						68	Garvey Memorial Center N 1000 E 1000
3	23	193	324	5	34 / 12	22	161	273	462	5	173 / 149	24	T Anderson
						88						92	
4	109	722	410 / ~~310~~	5	144 / 74	70	163	212	264	5	195 / 131	64	
						158						156	
5	222	488	523	5	238 / 206	32	73	893	374	5	91 / 55	36	
						190						192	
6	21	630	322	5	34 / 8	26	227	247	528	5	240 (2) / 214	26	
						216						218	
7	120	223	421	5	148 / 92	56	150	800	451	5	177 / 123	54	
						272						272	
8	131	818	432	5	141 / 121	20	165	292	466	5	175 / 155	20	
+	726	259	✓		✓	292	1412	255	✓		✓	292	B.M. 31-24
B.M. 31-24							− 726	259				292	Emerson @ San Gabriel Blvd.
							685	996	✓		✓	584	F.B. 1397-29

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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WEATHER Clear 11 Bz INST. NO. 75234
TIME 09:15 ROD NO. 213941
NOTES CHKD JCB DATE 3-21

Tc 600

F.B. 4106 PG. 232 JOB NO. 030102
SURVEY OF L.A.Co. Precise Level Net
SURVEY BY Bodell NOTES J.G.R.
INDEXED B.J. GAITI DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 31-24	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 31-24 TO B.M. 31-23
1	144	760	445 5	154 134 20	112	213	413 5	122 102 20	B.M. 31-24
									Emerson @ San Gabriel
2	152	210	453 5	184 120 64	99	470	400 5	131 67 64	F.B. 1397-29
3	268	362	569 5	281 255 26	73	480	374 5	86 60 26	Anderson = A
4	13	684	314 5	30 ½) 13 34	177	272	478 5	194 160 34	
5	166	392	467 5	199 133 66	121	288	422 5	154 88 66	
6	263	293	564 5	281 245 36	48	910	349 5	66 30 36	
7	292	095	593 5	301 283 18	61	699	362 5	70 52 18	
8	192	225	493 5	203 181 22	112	652	413 5	124 100 24	
	+ 1493	021 ✓		✓ 286	806	984 ✓		✓ 288	B.M. 31-23
B.M. 31-23	- 806	984						286	Garvey Memorial Center N 1000 E 1000
	+ 686	037 ✓						✓ 574	F.B. 1397-28

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
B.M. 31-24	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 31-24 TO B.M. 1-25C
							B.M. 31-24 Emerson @ San Gabriel Blvd. F.B. 1397-29 ↑ Anderson
1	150 826	451 5	160 140 20	146 918	447 5	156 136 20 20 40 ✓	
B.M. 1-25C	150 826 - 146 918 + 3 908 ✓			146 918			B.M. 1-25C Emerson @ San Gabriel N.W. Cor. F.B. 3707-95

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

SURVEY BY Randall

NOTES BY "

INDEXED J. GALLI

DATE 10-Dec-70

DATE JAN 12

WEATHER Clear-Calm

TIME 11:50

NOTES CHKD RCKB

INST. NO. 75234

ROD NO. 2137AB

DATE 3-71

T = 70°

F.B. 4106 PG. 233

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 4106 PG. 234 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Ronskin NOTES JGR 11-Dec-70

INDEXED G.J. GALLI DATE

WEATHER Clear-Lt. Brz INST. NO. 75234

TIME 0905 ROD NO. 23948

NOTES CHKD RCB DATE 3-71

T=60°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 1-25C	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 1-25C TO BM. 31-24
									B.M. L-25C
									San Gabriel @ Emerson
									F.B. 3707-95
1	147	142	448 5	156 138 18	151	130	452 5	161 141 20	T Anderson
								18	
								38 ✓	
B.M. 31-24 +	147	142			151	130			B.M. 31-24
					− 147	142			Emerson @ San Gabriel
					= 3	988 ✓			F.B. 1397-29

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY Edmondi WEATHER Clear-Calm INST. NO. 75234

NOTES BY " TIME 13:12 ROD NO. 2139AB

INDEXED C. J. GALLI DATE 10-Dec-70 NOTES CHKD. RCW DATE 3-71

F.B. 4106 PG. 235

T = 74°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 1-25C	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 1-25C TO B.M. 1-25D
1	194	390	495 5	~~210~~ 178 ~~32~~ 32 (32)	122	689	423 5	~~138~~ 106 32	B.M. 1-25C
									Emerson @ San Gabriel N.W. Cor.
2	244	360	545 5	280 208 72	43	620	344 5	81 5 76	F.B. 3707-95
				254 104				147 108	T Rodriguez
3	225	708	526 5	196 58	121	098	422 5	95 52	
				228 162				170 160	
4	198	110	499 5	168 60	140	120	441 5	110 60	B.M. 1-25D
	+ 862.568		✓	✓ 222	427	527	✓	✓ 220	San Gabriel @ Hellman N.W. Cor.
B.M. 1-25D	427 527							222	F.B. 3707-97
	+ 435 041		✓					✓ 442	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 75239
ROD NO. 213948
DATE 3-71

WEATHER Clear-Calm
TIME 08:40
NOTES CHKD RCB

T = 60°

F.B. 4100 PG. 236
JOB NO. 030102
SURVEY OF L.A.C. Precise Level Net
SURVEY BY Parkell NOTES SGR 10-Dec-70
INDEXED G. J. GALLI DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 1-25D	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 1-25D TO B.M. 1-25C
1	135	347	436 5	114 42	191	572	492 5	170 42	B.M. 1-25D
									San Gabriel Blvd. @ Hellman
2	138	262	439 5	110 56	208	582	509 5	178 60	FB 3707-97
3	68	561	369 5	39 58	241	922	542 5	211 60	T. Rodriquez
4	100	209	401 5	75 50	207	668	508 5	184 46	
5	144	772	445 5	136 16	172	440	473 5	164 16	
+	587	151	✓	✓222	1022	184	✓	✓224	B.M. 1-25C
B.M. 1-25C					− 587	151		222	San Gabriel @ Emerson
					435	033	✓	✓446	F.B. 3707-95

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
203 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 Randell WEATHER Clear TIME 13:35 INST. NO. 75234
NOTES BY C. J. GALLI DATE 10-Dec.-70 ROD NO. 213948
INDEXED DATE JAN 12 NOTES CHKD RCG DATE 3-71
F.B. 4106 Pg. 237
75°

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
B.M. 1-25D											From B.M. 1-25D To B.M. 1-26
1	189	961	490	5	159 60	293	170	594	5	½ 293 262 60	B.M. 1-25D
											San Gabriel @ Hellman
2	55	368	356	5	69 41 28	237	068	538	5	251 223 28	F.B. 3707-97
					150 88					88	
3	124	558	425	5	98 52	15	330	316	5	½ 41 15 52	T Rodriquez
					140					140	
4	295	340	596	5	½ 295 280 30	17	022	318	5	½ 33 17 32	
					170					172	
5	298	039	595	5	½ 298 277 34	37	559	338	5	53 21 32 34	
					204					204	
6	153	804	454	5	174 132 42	141	222	442	5	162 120 42	
					246					246	
7	221	509	522	5	257 185 72	90	650	391	5	126 54 72	
					318					318	
8	205	968	506	5	230 180 50	100	959	401	5	126 74 52	
					368					370	
9	216	399	517	5	245 187 58	83	232	384	5	114 52 62	
					426					432	
10	227	899	528	5	259 195 64	94	959	395	5	124 64 60	
					490					492	
11	194	322	495	5	212 176 36	115	579	416	5	135 95 40	
					526					532	
12	185	452	486	5	203 167 36	185	710	486	5	200 170 30	
	+ 2364 619 ✓				✓562	1412 460 ✓				✓562	B.M. 1-26
B.M. 1-26	1412 460									562	San Gabriel @ Valley &
	+ 952 159 ✓									✓1124	F.B. 1202-30

4106

F.B. 4106 Pg. 238

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Bonsall NOTES JGR 10-12-70

INDEXED B. J. GATTI DATE

JOB NO. 30102

WEATHER Clear-Calm

TIME 14:30

NOTES CHKD RCB

T. 740

DESCRIPTION AND REM.

FROM B.M. 1-26 TO B.M. 1-25D

B.M. 1-26	Right Mic.	Left.	Stadia	Right Mic.	Left.	Stadia	
1	189 070	490 5	205 173 32	188 780	489 5	204 172 32	B.M. 1-26
2	104 630	405 5	134 74 60	222 549	523 5	253 191 62	San Gabriel @ Valley F.B. 1202-30
3	84 591	385 5	92 118 50 68	234 691	535 5	94 268 200 68	Rodriguez T
4	77 648	378 5	160 112 42 70	229 510	530 5	162 265 193 72	
5	78 742	379 5	230 118 38 80	226 389	527 5	234 ½) 226 186 80	
6	124 988	425 5	310 148 100 48	145 858	446 5	314 170 120 50	
7	98 639	399 5	358 109 87 22	262 822	563 5	364 272 252 20	
8	59 621	360 5	380 71 47 24	284 428	585 5	384 296 272 24	
9	34 789	335 5	404 47 21 26	260 251	561 5	408 274 246 28	
10	87 601	388 5	430 111 63 48	130 588	431 5	436 150 110 40	
11	230 139	531 5	478 243 217 26	59 761	360 5	476 74 44 30	
12	296 760	597 5	504 ½) 296 266 60	173 931	474 5	(506) 506 203 143 60	
	+ 1467 218		564	2419 558		566	B.M. 1-25D
B.M. 1-25D				- 1467 218		564	San Gabriel @ Hellman
				952 340		1130	F.B. 3707-97