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

F. B. 4104 PG.

BOOK INDEX

TIE TO U.S.C.&G.S. C-173 & F114B	5	Thru.	18
LINE 7	19	Thru.	82
BLANK	83	Thru.	92
LINE 33	93	Thru.	148
BLANK	149	Thru.	160
LINE 68	161	Thru.	264

Notes Ck'd by	Survey of L.A.Co. Precise Level Net	F.B. 9104 Pg. 5
Map No.	JN 030102 Tape — Std — °F	
Office Work	Surveyed by Randall	
Checked	Notes " Date 9-Oct-70	
Date	Indexed C. J. GAMEL OCT 1 9 70	

LOS ANGELES COUNTY

PRECISE LEVEL NET

LEVELING TO:

U.S.C. & G.S. C-173

&

U.S.C. & G.S. F 1148 = (B.M. 24-30A)

J.N. 030102

9-OCT-'70

REFERENCE

F.B. 1387

F.B. 2891

U.S.C. & G.S. QUAD. 34 1182

Pgs. 102-103

PARTY

RANDALL

ANDERSON

MALDONADO

SIEMANN

RODRIGUEZ

LOVE

MS KNIGHT

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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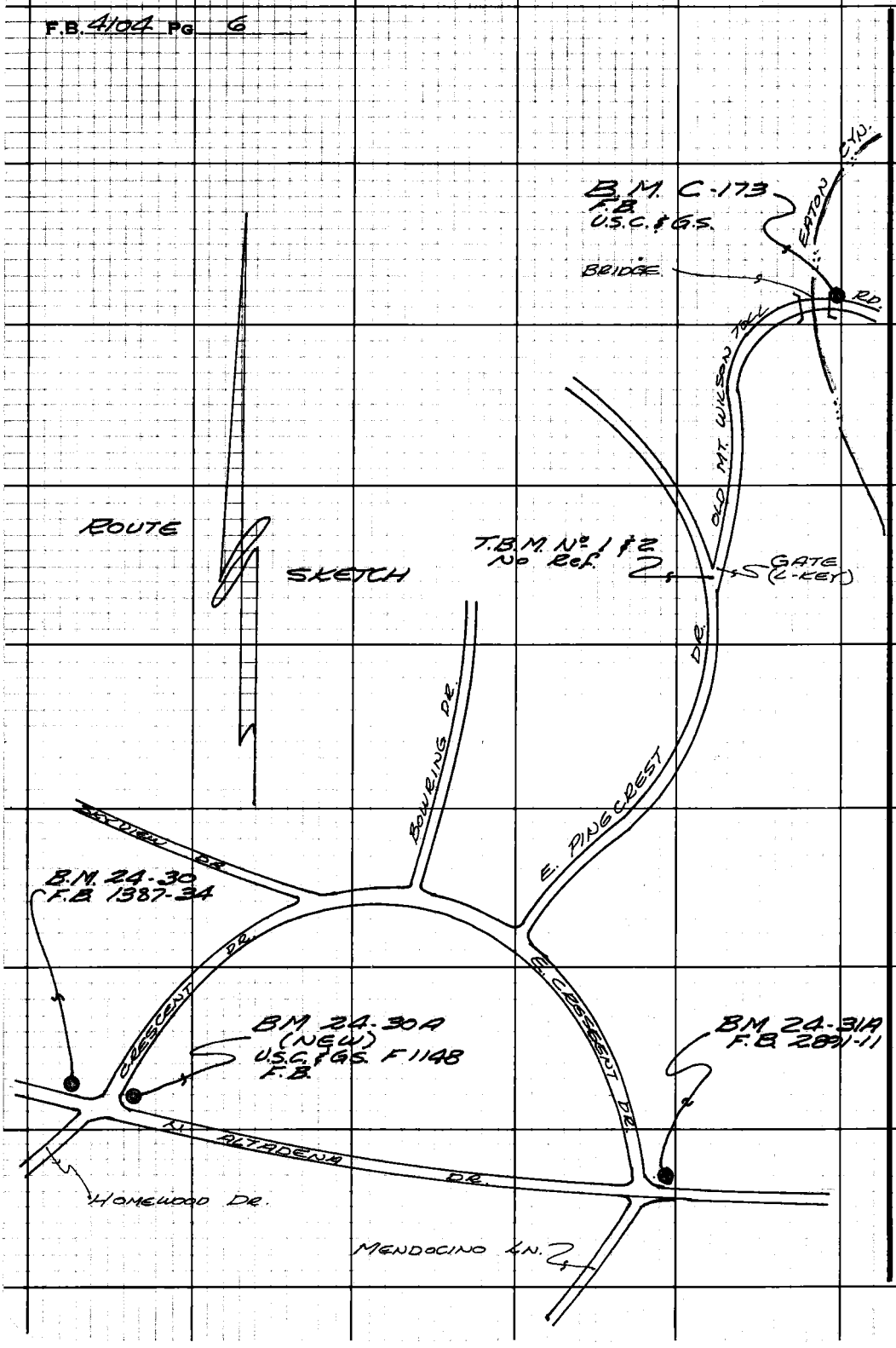
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#810 9-67

F.B. 4104 Pg 6



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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 Ernst " DATE 9-Oct-70 WEATHER Clear INST. NO. 75230

NOTES BY " TIME 08:45 ROD NO. 17/3A-B

INDEXED G. J. GALLI DATE OCT 19 70 NOTES CHKD " DATE 10-14-70

T = 70°

F.B. 4104 PG. 7

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	139 782	440 S	141 137 4	157 267	458 S	184 130 54	54 M- 4 M= 50 M=0.20 mm
2	135 322	436 S	137 133 4	117 748	418 S	144 90 54	54 M- 4 M= 50 M=0.20 mm
	275 104		8	275 015		108	
	274 975			- 00.40		8	
	+ 129			~~=0. mm~~		100	Curvature Corr.=0.40 mm
				274 975			
				-			T Maldonado
		.013	mm= "C"				
	100 / 1.29						
						mm= "C"	

F.B. 4104 PG. 8 | JOB NO. 030102

SURVEY OF _____ WEATHER _____ INST. NO. _____

SURVEY BY _____ 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 _____
		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

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

SURVEY BY J. Randall WEATHER Clear INST. NO. 75234

NOTES BY S/C Mann TIME 9:00 ROD NO. 1713A & B

INDEXED [redacted] GALLI DATE 10-9-70 NOTES CHKD [redacted] DATE 10-21-70

T-72°

F.B. 4104 PG. 9

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 24-31A TO T.B.M. #1
BM 24-31A							BM 24-31A
1	196 703	497 5	202 / 190 12	45 058	346 5	51 / 39 12	N. Altadena Dr. & E. Crescent Dr.
2	280 022	581 5	289 / 271 18	5 668	306 5	5 / ½ 13 16	See F.B. 2891-11
3	297 229	598 5	297 1/ 290 ½ 30 14	17 998	318 5	24 / 10 28 14	
4	292 482	593 5	299 / 285 44 14	11 382	312 5	18 / 4 42 14	
5	273 952	574 5	279 / 267 58 12	6 779	307 5	13 1/ 6 ½ 56 14	T-Maldonado
6	297 919	598 5	297 1/ 290 ½ 70 14	9 711	310 5	15 / 3 70 12	
7	297 672	598 5	297 1/ 288 ½ 84 18	138 338	439 5	148 / 128 82 20	
8	27 849	328 5	50 / 4 102 46	231 912	532 5	254 / 208 102 46	
9	72 268	373 5	92 / 52 148 40	80 633	381 5	101 / 59 148 42	
	+ 2036096		188	- 547 479		190	
	- 547 479					188	
	+ 1488 617					378	
T.B.M. #1							T.B.M. #1 Co. Engr. Mon. (brass Cap) @ ⊥ Pt. in Pinecrest Dr. & Mt. Wilson Toll Rd. No Ref.

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F.B. 4104 Pg. 10 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES SIEMANN 10-9-70

INDEXED B.L. GALL DATE

WEATHER SUNNY CLEAR INST. NO. 75234

TIME 11:00 TO 11:35 ROD NO. 17348

NOTES CHKD DATE

T = 80

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM T.B.M. #1 TO B.M. 24-31A
T.B.M. #1							T.B.M. #1
1	76 785	377 5	97 / 55 / 42	67 250	368 5	87 / 47 / 40	Co. Engr. brass Cap @ & Pt. in Pinecrest Dr. & Mt. Wilson Toll Rd.
2	232 840	533 5	254 / 210 / 44	26 829	327 5	49 / 3 / 46	No Ref.
			86	2		86	
3	131 177	432 5	142 / 120 / 22	193 699	594 5	302 / 284 / 18	
			108			104	
4	8 940	309 5	15 / 1 / 14	296 130	597 5	296 / 289 / 14	
			122			118	
5	3 612	304 5	½ 10 / 3 / 14	271 951	572 5	277 / 265 / 12	π = MALDONADO
			136			130	
6	7 258	308 5	13 / 1 / 12	288 092	589 5	295 / 281 / 14	
			148			144	
7	15 311	316 5	21 / 9 / 12	294 149	595 5	301 / 287 / 14	
			160			158	
8	6 748	307 5	½ 13 / 6 / 14	282 814	583 5	290 / 274 / 16	
			174			174	
9	52 908	353 5	58 / 46 / 12	203 362	504 5	210 / 196 / 14	
			186 ✓			188 ✓	
B.M. 24-31A						186	B.M. 24-31A
	+ 535 579 ✓			- 2024 276 ✓		374 ✓	N. ALTADENA DR. & E. CRESENT DR.
				+ 535 579			SEE F.B. 2891-11
				- 1488 697 ✓			

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 G.J. GALLI

DATE 10-9-70

DATE OCT 19 70

WEATHER SUNNY-CLEAR

TIME 9:55 TO 10:30

NOTES CHKD RB

DATE 10-21-70

ROD NO. 1713 & B

INST. NO. 75234

F.B. 2104 PG. 11

T = 78°

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM T.B.M. # 1 TO ~~U.S.C.&G.S.~~ BM. C-173
T.B.M. # 1							T.B.M. # 1 A Co. Engr. brass cap
1	52 548	353 5	59 / 45 / 14	292 981	593 5	299 / 285 / 14	in & Pt. in Pinecrest Dr. & Mt. Wilson Toll Rd.
							No Ref.
2	9 222	310 5	13 / 5 / 8	279 482	580 5	284 / 274 / 10	
			22			24	
3	30 101	331 5	34 / 26 / 8	284 698	585 5	288 / 280 / 8	
			30			32	
4	29 700	330 5	33 / 25 / 8	237 192	538 5	240 / 234 / 6	
			38			38	
5	72 482	373 5	77 / 67 / 10	234 341	535 5	238 / 230 / 8	
			48			46	
6	38 652	339 5	44 / 32 / 12	300 420	601 5	300 / 292 / 16	T = RODRIGUEZ
			60			62	
7	36 498	337 5	44 / 28 / 16	292 250	593 5	300 / 284 / 16	
			76			78	
8	11 152	312 5	17 / 5 / 12	270 499	571 5	276 / 264 / 12	
			88			90	
9	11 771	312 5	20 / 2 / 18	282 318	583 5	291 / 273 / 18	
			106			108	
10	3 802	304 5	10 / 3 / 14	292 090	593 5	300 / 284 / 16	
			120			124	
11	26 168	327 5	36 / 16 / 20	179 939	480 5	187 / 171 / 16	
			140			140	
12	131 779	432 5	142 / 120 / 22	136 361	437 5	147 / 125 / 22	
			162			162	
B.M. C-173						162	B.M. C-173 (U.S.C.&G.S.)
	+ 453 875		-	3082571		324	Mt. Wilson Toll Rd. @ East End of
			+	453 875			Bridge over Eaton Cyn.
			-	2628696			F.B.

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F.B. 4104 PG. 12 | JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES SIEMANN 10-9-70

INDEXED O.L.GALLI DATE 07-19-

WEATHER SUNNY, CLEAR INST. NO. 75234

TIME 10:30 TO ROD NO. 1213 A.B.

NOTES CHKD RCB DATE 10-21-

T = 78°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									U.S.C.&G.S. FROM B.M. C-173 TO T.B.M. # 1
B.M. C-173									B.M. C-173 (U.S.C.&G.S.)
1	137	798	438	5	133	108	434	5	Mt. Wilson Toll Rd. @ East end of
				148 / 126 / 22				144 / 122 / 22	Bridge over Eaton Cyn.
2	183	389	484	5	29	943	330	5	F.B.
				191 / 175 / 16 / 38				38 / 20 / 18 / 40	
3	295	329	596	5	6	892	307	5	
				295 / 288 / 14 / 52				14 / 2 / 16 / 56	
4	297	298	598	5	27	880	328	5	
				297 / 288 / 18 / 70				36 / 18 / 18 / 74	
5	277	572	578	5	17	129	318	5	
				283 / 271 / 12 / 82				23 / 11 / 12 / 86	
6	288	449	589	5	35	330	336	5	T = RODRIGUEZ
				296 / 280 / 16 / 98				42 / 28 / 14 / 100	
7	296	420	597	5	32	110	333	5	
				296 / 288 / 18 / 114				38 / 26 / 12 / 112	
8	238	642	539	5	76	989	377	5	
				242 / 234 / 8 / 122				81 / 71 / 10 / 122	
9	244	541	545	5	36	788	337	5	
				248 / 240 / 8 / 130				40 / 32 / 8 / 130	
10	284	380	585	5	29	360	330	5	
				288 / 280 / 8 / 138				33 / 25 / 8 / 138	
11	279	168	580	5	9	301	310	5	
				284 / 274 / 10 / 148				13 / 5 / 8 / 146	
12	294	552	595	5	54	051	355	5	
				299 / 289 / 10 / 158				61 / 47 / 14 / 160	
T.B.M. # 1								158 / 318	T.B.M. # 1 A Co. Engr. brass
	+ 3117 538				- 488 881				Cap @ & Pt. In Pinecrest
	- 488 881								Dr. & Mt. Wilson Toll Rd.
	+ 2628 657								No Ref.

76P526B CE # 308 8/68

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

SURVEY BY RANRALL

NOTES BY SIEMANN DATE 10-9-70 WEATHER SUNNY CLEAR INST. NO. 65234

INDEXED G. J. GALI' DATE OCT 19 TIME 2:45 TO 3:25 ROD NO. 17113 AB

NOTES CHKD DATE 10-21-70

F.B. 4104 PG. 13

T = 88°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. C-173 TO T.B.M. # 2
B.M. C-173							B.M. C-173 (U.S.C.&G.S.)
1	131 016	432 5	142 / 120 / 22	126 007	427 5	137 / 115 / 22	Mt. Wilson Toll Rd. @ East end of Bridge over Eaton Cyn.
2	191 503	424 5	92 / 200 / 182 / 18	38 562	339 5	47 / 29 / 18	F.B.
							40
3	301 438	602 5	301 / 294 / 14	13 334	314 5	21 / 5 / 16	
							54
4	296 063	597 5	296 / 286 / 20	26 169	327 5	35 / 17 / 18	
							74
5	276 660	577 5	282 / 270 / 12	16 017	317 5	22 / 10 / 12	
							86
6	296 553	597 5	296 / 288 / 16	43 186	344 5	50 / 36 / 14	
							102
7	261 947	562 5	268 / 254 / 14	7 413	308 5	14 / 0 / 14	T = MALDONADO
							116
8	234 773	535 5	239 / 227 / 10	63 811	364 5	68 / 58 / 10	
							126
9	235 850	536 5	239 / 231 / 8	27 923	328 5	32 / 22 / 10	
							134
10	272 678	573 5	276 / 268 / 8	18 882	319 5	23 / 13 / 10	
							142
11	273 501	574 5	278 / 268 / 10	4 129	305 5	8 / 0 / 8	
							152
12	276 549	577 5	281 / 271 / 10	34 557	335 5	40 / 28 / 12	
			162			164	
						168	T.B.M. No 2, A Co. Eng'r.
T.B.M. No 2						326	brass cap @ ⊥ Pt. in Pinecrest Dr. & Mt. Wilson Toll Rd.
	+ 3048 531			- 419 990			No Ref.
	- 419 990						
	+ 2628 541						

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F.B. 4104 PG. 14 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES SIEMANN 10-9-70

INDEXED G.L. GALLI DATE

WEATHER SUNNY, CLEAR INST. NO. 75234

TIME 2:05 TO 2:40 ROD NO. 173 AB

NOTES CHKD DATE 10-21-70

T = 90°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM T.B.M. # X2 TO B.M. C-173
T.B.M. # X2									T.B.M # X2 A Co. Eng'r. brass Cap @ ℄ Pt. in Pinecrest Dr. & Old Mt. Wilson Toll Rd.
1	40 097	341	5	46 34 12	280 533	581	5	284 276 8	
2	5484	306	5	9 1 8	276 379	377	5	281 271 10	A = No Ref.
				20				18	
3	17352	318	5	22 12 10	271 238	572	5	275 267 8	
				30				26	
4	11 568	312	5	16 6 10	219 349	520	5	223 215 8	
				40				34	
5	61 597	362	5	65 57 8	222 615	523	5	227 217 10	A = MALDONADO
				48				44	
6	7 488	308	5	14 0 14	271 587	572	5	278 264 14	
				62				58	
7	29 472	330	5	36 22 14	283 117	584	5	291 275 16	
				76				74	
8	9711	310	5	15 3 12	270 630	571	5	276 264 12	
				88				86	
9	21 235	322	5	30 12 18	290 998	591	5	299 281 18	
				106				104	
10	8 514	309	5	16 0 16	296 058	597	5	296 288 16	
				122				120	
11	42 557	343	5	50 34 16	196 168	497	5	206 186 20	
				138				140	
12	129 115	430	5	139 119 20	134 103	435	5	145 123 22	
				158				162	
B.M. C-173 +	348 190				- 3012 775			158	B.M. C-173 (U.S.C.&G.S.)
					+ 384 348 190			(384 190) 320	Mt. Wilson Toll Rd. @ East end of bridge over Eaton Cyn.
					- 2628 585				F.B.

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 Rodriguez DATE 10-9-70 WEATHER HAZE INST. NO 75734

INDEXED G.L. GALL DATE OCT 19 TIME 11:45 ROD NO 1713 A.D.

NOTES CHKD DATE 10-11-70

T = 80°

F.B. 4104 PG. 15

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
T.BM #X 2													From T.BM #X 2 to BM F 1148
1	108	940	409	5	130 86	44	98	478	399	5	118 78	40	T.BM #1, A Co. Engr. brass Cap, & Pt.
2	236	583	537	5	254 218	36	52	959	353	5	73 31	42	PINECREST DR & MT. WILSON Toll Rd
3	276	120	577	5	290 262	80 28	6	162	307	5	1½) 20 6	82 28	T SIEMANN
4	300	867	601	5	1½) 300 293	108 14	21	370	322	5	30 12	110 18	
5	268	501	569	5	284 252	122 32	117	751	418	5	130 104	128 26	
6	62	409	363	5	75 49	154 26	230	708	531	5	243 217	154 26	
7	11	211	312	5	22 0	180 22	269	219	570	5	280 258	180 22	
8	11	790	312	5	21 1	202 20	298	562	599	5	1½) 298 290	202 16	
9	50	800	351	5	55 45	222 10	250	041	551	5	257 243	218 14	
	+ 1327	221				232	1345	250				232	
							- 1327	221				232	
B.M. 24-30A								18 029				464	B.M. 24-30A (BM F 1148) (U.S.C.G.S East Altadena DR & Crescent DR F.B.

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INST. NO. 75234
ROD NO. 173AB
DATE

WEATHER Haze
TIME 1:30
NOTES CHKD

T=86

F.B. 4104 PG. 16
JOB NO. 0301.02
SURVEY OF L.A.C. Precise Level Net
SURVEY BY Rendall NOTES Rodriguez 10-9-70
INDEXED C.J. GALLI DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
B.M. 24-30A (BM F1148)									FROM BM F1148 TO T.BM #1
1	291	378	592 5	300 282 18	11	420	312 5	18 4 14	BM F 1148 (U.S.C.G.S)
									E. Altadena DR &
2	296	080	597 5	296 1/2)288 16	18	919	319 5	30 6 24	CRESCENT DR
				34				38	B.M. 24-30A
3	298	899	599 5	298 1/2) 284 28	61	759	362 5	74 48 26	F.B.
				62				64	T SIEMANN
4	277	606	578 5	299 1/2)277 44	241	118	542 5	264 218 46	
				106				110	
5	15	608	316 5	24 6 18	289	181	590 5	298 280 18	
				124				128	
6	10	479	311 5	18 2 16	268	642	569 5	276 260 16	
				140				144	
7	28	123	329 5	46 10 36	223	711	524 5	239 207 32	
				176				176	
8	92	840	393 5	108 76 32	224	678	525 5	240 208 32	
				208				208	
9	159	850	460 5	164 154 10	202	921	503 5	207 197 10	
				218				218	
10	222	252	523 5	232 212 20	132	630	433 5	141 123 18	
	+ 1693115 ✓			238	1674979 ✓			236	T.B.M #X 2
T.B.M. 2	- 1674979							238	PINECREST & MT-WILSON
	+ 18136 ✓							474	TOLL RD. & Pt. in Pinecrest
									Dr. @ Mt. Wilson Toll Rd.

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. 24-30A									~~BM 24-30A~~ FROM (BM F1148) TO BM 24-30
									BM F1148 (U.S.C.G.S)
									E. Altadena DR & Cresent DR
									~~F.B 1387-34~~
									B.M. 24-30A F.B.
1.	21	545	32 2 5	36 6 30	90	658	391 5	104 76 28	Π Siemann
					21	545			
					~~69~~	~~113~~			
B.M. 24-30					69	113		30	
								58	
									B.M 24-30
									E. Altadena DR & Cresent DR
									F.B. 1387-34

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 10-9-70 WEATHER Haze INST. NO. 25234

INDEXED G.J. GALL DATE OCT 19 70 TIME 1:15 ROD NO. 17134B

NOTES CHKD. DATE

T = 84°86°

F.B. 4104 Pg. 17

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F=86°

WEATHER Haze INST. NO. 75234

TIME 1:15 ROD NO. 7/13/21

NOTES CHKD. DATE 11-21-

F.B. 4104 PG. 18

SURVEY OF G.R.C. Precise Level Net JOB NO. 0301.02

SURVEY BY Randall NOTES Rodriguez 10-9-20

INDEXED O.J. GALL DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 24-30 TO BM F 1148
BM 24-30									
1.	90	742	391 5	104 76 28	21 658		322 5	36 6 30	BM 24-30
	21	658							E. Altadena & Crescent Dr.
	+ 69	084							F.B 1387-34
								28	
								58	
									↑ Siemann
									BM. 24-30A
BM F1148									(BM F 1148) (U.S.C. & G.S.)
									E. Altadena & Crescent Dr.
									F.B.

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by Randall
Checked	Notes " Date Oct. 70
Date	Indexed

F.B. 4104 Pg. 8519

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LOS ANGELES COUNTY

PRECISE LEVEL NET

LINE No: 7

OCTOBER 1970

J.N. 0301.02

REFERENCE
F.B. 1207
1208
3706
3708

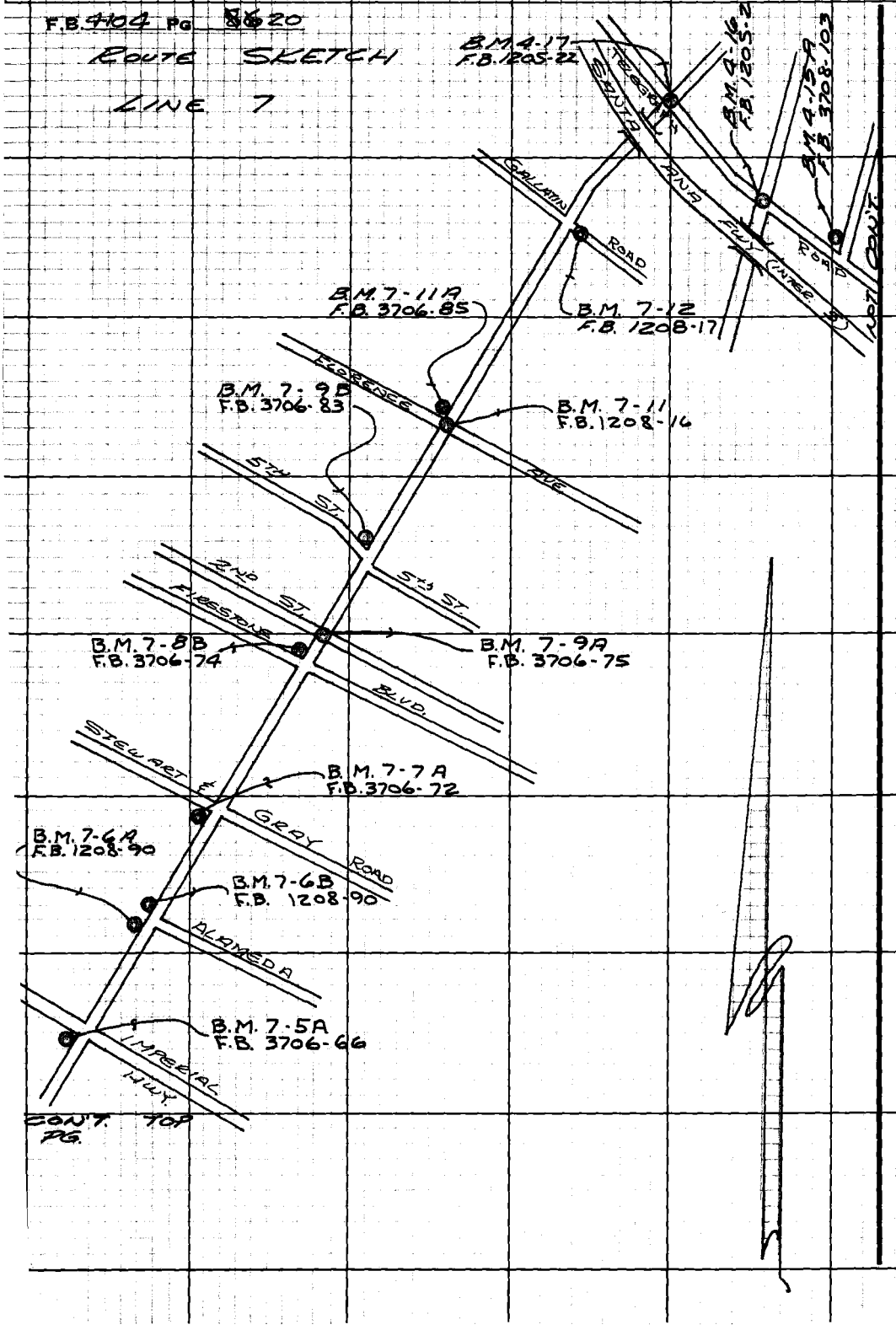
PARTY
RANDALL
ANDERSON
MALDONADO
LOVE
RODRIGUEZ
BIEMANN
McKNIGHT
JOHNSON

75F3098 CE#810 9-67

F.B. 404 PG 8620

ROUTE SKETCH

LINE 7



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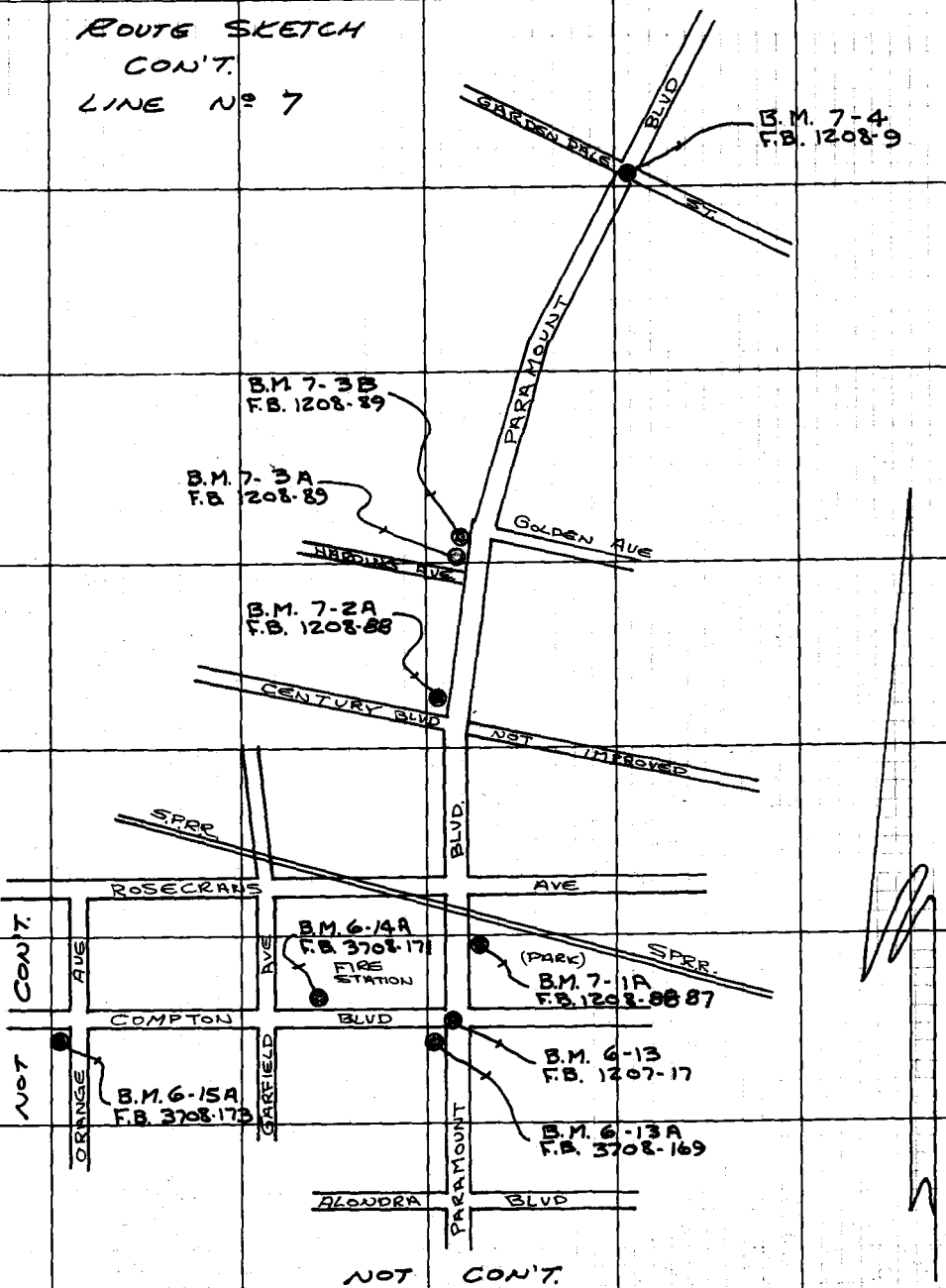
Notes Ck'd by	Survey of L.A.Co. Precise Level Net
Map No.	JN 030102 Tape ___ Std ___ °F
Office Work	Surveyed by Randall
Checked	Notes " Date Oct-70
Date	Indexed

F.B. 4104 PG. 8821

CON'T BOT PG

ROUTE SKETCH
CON'T.
LINE Nº 7



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76F3098 CE#310 9-67

F.B. 4104 PG 22

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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 DATE 9/30/70 WEATHER Clear INST. NO 75234

NOTES BY Rodriguez TIME 9:00 ROD NO 173 MB

INDEXED DATE NOTES CHKD DATE

F.B. 4104 PG. 823

T=82°

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"				
	NEAR ROD			FAR ROD			
1	135 933	436 5	137 133 04	126 058	427 5	153 59 54	54M - 4M = 50 M = 0.20M
2	132 817	433 5	134 130 04	142 507	443 5	169 115 54	54M - 4M = 50 M = 0.20M
	268 750			268 565		108 - 8	
	268 525			- 040		100	CURVATURE CORR = 0.40MM
	2.25			268 525			
							T ANDERSON

+ 0.022 mm = "C"

100 | 2.25
200
250
200

F.B. 4104 PG. 24 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
		BLANK					

76P526B CE # 308 8/68

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

SURVEY BY U. RANDALL WEATHER CLEAR & CALM INST. NO. 75-234

NOTES BY R. ANDERSON DATE 1-OCT. '70 TIME 08:50 ROD NO. 12138

INDEXED DATE NOTES CHKD DATE

T = 79°

F.B. 4104 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			FAR ROD			
			147	134 009	435 5	161 107 54	
1	145 292	446 5	143 4				54 M- 4 M= 50 M=0.20 mm
			153			189	
2	151 599	452 5	149 4	162 738	463 5	135 54	54 M- 4 M= 50 M=0.20 mm
	296 891			296 747		108	
	296 707					- 8	
	+ 0.184			-0.40 mm		100	Curvature Corr.=0.40 mm
				296 707			
				-			
							T MALDONADO
	+ 0.018		mm= "C"				
	100 / 1.840						
	100						
	840						
						mm= "C"	

F.B. 4104 PG. 2826 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 ____
		BLANK					

76P526B CE # 308 8/68

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

SURVEY BY J. RANDALL WEATHER CLEAR & CALM INST. NO. 75234

NOTES BY R. ANDERSON DATE 2-OCT.'70 TIME 09:05 ROD NO. 17138-46

INDEXED DATE NOTES CHKD DATE

T = 72°

F.B. 4104 Pg. 32

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	147 628	448 5	149 145	4	167 703	463 5	189 135	54	54 M- 4 M=50 M=0.20 mm
2	145 243	446 5	147 143	4	130 092	431 5	157 103	54	54 M- 4 M=50 M=0.20 mm
	292871			8	292795			108 - 8	
	292.755 + 0.216				-0.40mm			100	Curvature Corr.=0.40 mm
	0.1.16				292755				
					-				
	+ 0.021			mm= "C"					
	100 12.160 200 160								
	+ 0.010								
	100 1.160						mm= "C"		

T. MALDONADO

F.B. 4104 PG. 28 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 ____
		BLANK					

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. Ramadi
NOTES BY Mg/Ramado DATE 10-5-70 WEATHER Overcast INST. NO. 75234
TIME 8:45 ROD NO. 713A
INDEXED DATE NOTES CHKD DATE
T. 68°
F.B. 4104 PG. 25-29

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	138 852	439 5	140 136 4	142 857	4435	169 115 54	54M- 4 M= 50 M=0.20 mm
2	137 654	4385	139 135 4	133 673	434 5	160 106 54	54M- 4 M=50 M=0.20 mm
	276506 276490 + 0.16		8	276530 -0.040 mm 276490		108 8 100	Curvature Corr.=0.40 mm
							T- Anderson
	+ 0.001		mm= "C"				
	100 / 0.160 100 60						
						mm= "C"	

F.B. 4104 Pg. 630 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 _____
		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 J. RANDALL WEATHER Overcast INST. NO. 75234
NOTES BY R. Anderson DATE 10-6-70 TIME 9:00 ROD NO. 713 HB
INDEXED DATE NOTES CHKD. DATE
F.B. 4104 PG. 231
T = 72°

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	150 435	451 5	152 148 04	139 252	440 5	166 112 54	54 M- 4 M= 50 M=0.20 mm
2	149 932	450	151 148 04	161 105	462 5	188 134 54	54 M- 4 M= 50 M=0.20 mm
	300 367		08	300 357		108	
	300317					-08	
	+300050			-0.40 mm		100	Curvature Corr.=0.40 mm
				300 317			
				-			
							T Maldonado
	0.0050		mm= "C"				
	100 10.500						
	500						
						mm= "C"	

F.B. 4104 Pg. 4832 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 ____
			BLANK						

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. Ramsdell
NOTES BY Maldonado DATE 10-7-70 WEATHER Cloudy INST. NO. 75234
TIME 8:30 ROD NO. 1713A B
INDEXED DATE NOTES CHKD DATE
F.B. 2004 PG. 1033
T-64

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	133 653	434 5	135 131 4	139 618	440 5	166 112 54	54M- 4 M= 50 M=0.20 mm
2	137 717	438 5	139 135 4	131 782	432 5	158 104 54	54M- 4 M= 50 M=0.20 mm
	271 370 271 360 + 0.10		8	271 400 -0.40mm 271 360		108 8 100	Curvature Corr.=0.40 mm
	+ 0.001 / 100 / 0.100		mm= "C"				
						mm= "C"	

F.B. 4104 PG. 34 JOB NO. 080102

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
		BLANK					

76P526B CE # 308 8/68

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

SURVEY BY Rowlandall WEATHER Clear INST. NO. 75234 ~~73AB~~

NOTES BY Rodriguez DATE 9/30/70 TIME 9:20 ROD NO. 173AB

INDEXED DATE NOTES CHKD RGS DATE 11/18/70

F.B. 4104 PG. 35

T=84

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM4-15A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM4-15A TO BM4-16
1	138	185	439	5	148	858	449	5	BM4-15A
				147 129 18				157 139 18	Telegraph @ Passons
2	92	201	393	5	192	895	493	5	F.B. 3708-103
				125 59 66				225 159 66	
3	123	147	424	5	127	192	428	5	T Anderson
				150 96 54				154 100 54	
4	151	912	452	5	135	880	436	5	
				189 113 76				173 97 76	
5	147	912	448	5	136	043	437	5	
				178 116 62				163 109 54	
6.	133	462	434	5	116	839	417	5	
				167 99 68				153 79 74	
7	148	920	449	5	145	652	446	5	
				181 115 66				179 111 68	
8	161	020	462	5	180	508	481	5	
				182 140 42				201 159 42	
	+ 1096	759 ✓		452	✓ 1183	867 ✓		452 ✓	
					− 1096	759		452	
BM4-16						87	108 ✓	904 ✓	BM 4-16
									Telegraph Rd & Lakewood
									F.B. 1205-21

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INST. NO. 75 234 ROD NO. 713148 DATE 11-18-75

WEATHER Overcast TIME 2:00 NOTES CHKD. RGB

T-72

F.B. 4104 PG. 36 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 10-6-70

INDEXED DATE

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM 4-16											From BM 4-16 To BM 4-15 A
1.	185	862	486	5	215 155 60	171	951	472	5	201 141 60	BM 4-16
											PCH Telegraph & Lakewood
2	150	689	451	5	188 112 76	160	302	461	5	199 121 78	F.B 1205-21
3	140	028	441	5	174 106 68 136	146	333	447	5	179 113 66 138	T Anderson
4	129	306	430	5	167 91 76 204	150	855	451	5	188 112 76 204	
5	129	702	430	5	165 93 72 280	151	553	452	5	186 116 70 280	
6	187	213	488	5	220 154 66 352	89	052	390	5	121 57 64 350	
7	161	088	462	5	177 145 32 418	121	592	422	5	139 103 36 414	
8	145	240	446	5	149 141 08 450	150	540	451	5	154 146 08 450	
	+ 1229	128 ✓			458 ✓	1142	178 ✓			458 ✓	
BM 4-15 A	− 1142	178								458	BM 4-15 A
	+ 86950 ✓									916 ✓	Telegraph & Passons
											F.B 3708-103

76P526B CE # 308 8/88

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

SURVEY BY Randall NOTES BY Rodriguez DATE 9/30/70 TIME 10:05 WEATHER Clear INST. NO. 75234 ROD NO. 1213 AB

INDEXED DATE NOTES CHKD. RGB DATE 11-18-70

T=84° F.B. 4104 PG. 37

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM 4-16											From BM 4-16 To BM 4-17
1	203	295	504	5	224 182 42	120	338	421	5	141 99 42	BM 4-16
											Telegraph Rd @ Lakewood
2	185	980	486	5	185 1/2 151 68	96	357	397	5	129 63 66	F.B. 1205-21
					110					108	
3	177	630	478	5	211 143 68	122	642	423	5	156 88 68	⊼ Anderson
					178					176	
4	104	384	405	5	136 72 64	159	350	460	5	192 126 66	
					242					242	
5	109	032	410	5	144 74 70	196	451	497	5	230 162 68	
					312					310	
6	130	040	431	5	158 102 56	146	094	447	5	174 118 56	
					368					366	
7	201	342	502	5	217 185 32	127	603	428	5	144 110 34	
					400					400	
8	150	202	451	5	167 133 34	164	102	465	5	181 147 34	
	+ 1261905		✓		434	✓ 1132937		✓		434 ✓	
	- 1132937									434	
BM 4-17	+ 128968		✓							878	BM 4-17
											Paramount & Telegraph Rd
											F.B. 1205-22

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INST. NO. 75234
ROD NO. 173148
DATE 11-18-70

WEATHER Overcast
TIME 1:00
NOTES CHKD. KBD

T=72°

JOB NO. 0301.02
DATE 10-6-70
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Randall NOTES Rodriguez
INDEXED

F.B. 410f Pg. 38

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From BM 4-17 To BM 4-16
BM 4-17									BM ~~4-17~~ 4-17
1	148	928	449	5	201	268	502	5	Paramount & Telegraph
				182 114 68				234 168 66	F.B. 1205-22
2	180	876	481	5	114	968	415	5	
				214 146 68				149 79 70	
				136				136	T Anderson
3	179	410	480	5	106	850	407	5	
				225 133 92				150 62 88	
				228				224	
4	165	520	466	5	164	692	465	5	
				198 132 66				199 129 70	
				294				294	
5	94	935	395	5	199	253	500	5	
				129 59 70				234 164 70	
				364				364	
6	77	880	378	5	189	541	490	5	
				112 42 70				225 153 72	
	+847	549 ✓		434	−976	578 ✓		436 ✓	
B.M. 4-16					−847	549		~~436~~ 434	
					−129	029 ✓		~~872~~ 870 ✓	
									BM 4-16
									Telegraph Rd & Lakewood
									F.B. 1205-21

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 Clear INST. NO 75234

NOTES BY TZ ODIZ 1902 DATE 9/30/70 TIME 10:45 ROD NO 173 AB

INDEXED DATE NOTES CHKD RGB DATE 11-18-70

F.B. 4104 Pg. 39

T=84°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 4-17													From BM 4-17 To BM 7-12
1	~~149~~ 144	968	445	5	162 126	36	160	722	461	5	178 142	36	BM 4-17
													PARAMOUNT & Telegraph Rd
2	120	368	421	5	154 86	68	182	787	483	5	216 148	68	F.B 1205-22
						104						104	
3	117	792	418	5	153 81	72	151	723	452	5	186 116	70	T ANDERSON
						176						174	
4	33	252	334	5	×55 ×11	44	283	090	584	5	1/2) 283 261	44	
						220						218	
5	36	932	337	5	64 8	56	106	018	407	5	133 79	54	
						276						272	
6	284 3	863	584	5	1/2) 283 261	44	35	192	336	5	59 11	48	
						320						320	
7	168	001	469	5	200 136	64	200	432	501	5	232 168	64	
						384						384	
8	137	978	438	5	168 106	62	185	720	486	5	216 154	62	
	+ 1043	154 ✓				446 ✓	1305	684 ✓				446 ✓	
							+ 1043	154				446	
							262	530 ✓				892 ✓	
BM 7-12													BM 7-12
													PARAMOUNT & GALLATIN
													F.B. 1208-17

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4104 PG. 40 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Rendall NOTES Rodriguez 10-6-70

INDEXED DATE

WEATHER Overcast INST. NO. 752234 ROD NO. 1713A B

TIME 11:20 DATE 10-6-70

NOTES CHKD

T=72°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 7-12 TO BM 4-17
BM 7-12									BM 7-12
1	181	552	482 5	201 161 40	140	707	441 5	160 120 40	Paramount Blvd. & Gallatin Rd.
2	152	078	453 5	185 119 66	125	265	424 5	158 92 66	F.B. 1208-17
3	107	382	408 5	132 82 50	275	590	576 5	298 252 46	T ANDERSON
4	53	140	3 454 5	.10 90 ~~7696~~ 156 86	9	470	310 5	52 1/2 9 152 86	
5	300	960	601 5	300 1/2) 273 54	69	567	370 5	98 40 242 58	
6	155	413	456 5	188 122 66	120	082	421 5	155 85 296 70	
7	148	918	449 5	180 116 64	100	395	401 5	130 70 362 60	
8	153	512	454 5	167 139 28	149	302	450 5	163 135 426 28	
	+ 1252	955 ✓		454	990	378 ✓		454 ✓	
	- 990	378						454	
	+ 262	577 ✓						908 ✓	
BM 4-17									BM 4-17 Paramount & Telegraph Rd F.B 1205-22

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
BM 7-12	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 7-12 TO BM 7-11A
1	187 790	488 5	216 158 58	169 708	470 5	196 142 54	BM 7-12
			170			198	PARAMOUNT & GALLATIN
2	146 040	447 5	122 48	171 530	472 5	144 54	F.B 1208-17
			180 106			220 108	
3	158 106	454 5	126 54	196 192	497 5	172 48	
			191 160			195 156	T RODRIGUEZ
4	164 032	465 5	137 54	167 671	468 5	139 56	
			174 214			208 212	
5	147 959	448 5	120 54	181 948	482 5	154 54	
			160 268			209 266	
6	133 780	434 5	106 54	181 472	482 5	153 56	
			162 322			210 322	
7	134 658	435 5	106 56	182 242	483 5	154 56	
			176 378			190 378	
8	149 420	450 5	122 54	162 448	463 5	134 56	
			182 432			194 434	
9	152 772	453 5	122 60	164 498	465 5	134 60	
			179 492			227 494	
10	145 528	446 5	111 68	191 160	492 5	155 72	
			196 560			199 566	
11	189 602	490 5	182 14	195 482	496 5	191 8	
	+ 1704687 ✓		574 ✓	1964371 ✓		574 ✓	
B.M. 7-11A				− 1704687		574	B.M. 7-11A
				259 684 ✓		1148 ✓	PARAMOUNT BLVD. & FLORENCE
							N.W. COR.
							F.B. 3706-85

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

SURVEY BY Randall

NOTES BY Anderson

DATE 9/30/70

WEATHER Clear

TIME 11:30

INST. NO. 75234

ROD NO. 173 A.B

INDEXED

DATE

NOTES CHKD RGB

DATE 11-18-70

T = 92°

F.B. 4104 PG. 41

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4104 Pg. 42 | JOB NO. 0301.02 | SURVEY OF L.A.Co. Precise Level Net | SURVEY BY Brady | NOTES Maldonado 10-6-70 | DATE | INDEXED

T-72°

WEATHER Overcast | TIME 10:30 | NOTES CHKD RGD | INST. NO. 75234 | ROD NO. 173A&B | DATE 11-18-70

STATION	BACKSIGHT Right Mic.	Left	Stadia	FORESIGHT Right Mic.	Left	Stadia	DESCRIPTION AND REMARKS
							FROM BM 7-11A TO BM 7-12
BM 7-11A							BM 7-11A
			216			171	Paramount Blvd. & Florence
1	198 742	499 5	180 36	153 589	454 5	135 36	Ave. N.W. Cor.
			~~192~~ 191			182	F.B. 3706-85
2	162 049	463 5	138 58	152 888	453 5	122 60	
			194 94			178 96	
3	162 561	463 5	130 64	146 369	447 5	114 64	T-Rodriguez
			201 158			161 160	
4	163 002	464 5	125 76	123 956	424 5	85 76	
			216 234			163 236	
5	182 639	483 5	148 68	129 239	430 5	95 68	
			218 302			172 304	
6	184 382	485 5	150 68	139 968	440 5	106 66	
			203 370			174 370	
7	170 519	471 5	137 66	141 208	442 5	108 66	
			208 436			174 436	
8	174 439	475 5	140 68	140 718	441 5	106 68	
			198 504			172 504	
9	172 783	473 5	146 52	146 952	447 5	120 52	
			169 556			205 556	
10	161 732	462 5	153 16	198 239	499 5	191 14	
	+ 1732 848 ✓		572	~~1473 121~~		570 ✓	
	- ~~1473 121~~	1473 126		1473 126 ✓		572	
	+ ~~259 727~~	259 722 ✓				1142 ✓	BM 7-12
							Paramount Blvd. & Gallatin
							Rd. Near S.E. ~~N.W.~~ Cor.
BM 7-12							F.B. 1208-17

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 7523

NOTES BY Rodriguez DATE 10-6-70 TIME 10:35 ROD NO 12380

INDEXED DATE NOTES CHKD DATE

T = 72° F.B. 4104 PG. 43

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 7-11A TO BM 7-11
BM 7-11A									BM 7-11A ~~N.W. COR.~~ PARAMOUNT Blvd @ FLORENCE AV. N.W. COR F.B 3706-85
1.	181	328	482	5	192	679	493	5	
				188 174 14				199 185 14	
					181	328			T Maldonado
						14			
					11	351		28	
BM 7-11									B.M 7-11 PARAMOUNT Blvd @ FLORENCE AV. & INT. F.B 1208-16

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 173A
DATE 11-

WEATHER Overcast
TIME 9:40
NOTES CHKD RSB

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 7-11 TO BM 7-11A
B.M. 7-11							BM 7-11 Paramount Blvd @ Florence Av. E int F.B 1208-16 T Maldonado
1.	192 399 181 017 + 11 382 ✓	493 5	199 185 14	181 017	482 5	188 174 14 14 28 ✓	
B.M. 7-11A							BM 7-11A Paramount Blvd @ Florence Av. NW cor F.B 3706-85

F.B. 4104 PG. 44
JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Randall NOTES Rodriguez 10-6-70
INDEXED DATE

T = 32°

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. Ramdsll

NOTES BY Rodriguez DATE 10-6-70 WEATHER Overcast INST. NO. 72234

TIME 9:50 ROD NO. 173 BB

INDEXED DATE NOTES CHKD RGB DATE

F.B. 4104 PG. 45

Z = 72°

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM 7-11											FROM BM 7-11 TO BM-7-9B
1.	174	207	477	5	206 146 60	158	317	459	5	187 129 58	BM 7-11 Paramount Blvd @ Florence Av. & INT. F.B 1208-16
2.	124	923	425	5	156 92 64	140	174	441	5	173 107 66	
3	139	093	440	5	176 102 74	148	543	449	5	185 111 74	T Maldonado
4	138	693	439	5	176 100 76	168	849	469	5	206 130 76	
5	118	001	419	5	156 80 76	177	550	478	5	214 140 74	
6	98	351	399	5	134 62 72	178	852	479	5	214 142 72	
7	142	691	443	5	158 126 32	183	319	484	5	198 168 30	
					454					450 ✓	
8	+937959 ✓			5		−1155604 ✓				454	
						+937959				904 ✓	
B.M. 7-9B						−217645 ✓					
											BM 7-9B Paramount Blvd @ Fifth St. N.W. Cor F.B. 3706 83

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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. 4104 PG. 46 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Anderson DATE: 5-OCT.'70

INDEXED _____ DATE _____

WEATHER Clear COLD INST. NO. 78234

TIME 14:55 ROD NO. 17 1246

NOTES CHKD R.G.B. DATE 11-18-70

T = 74°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS From BM 7-9B To B.M. 7-11
BM 7-9B							BM 7-9B Paramount Blvd. & 5th St. F.B. 3706-83 N.W. Cor
1	184 371	485 5	213 155 58	124 209	425 5	154 94 60	
2	194 659	495 5	230 158 72	118 700	419 5	155 81 74	
3	187 362	488 5	223 151 72	114 122	415 5	152 76 76	
4	162 474	463 5	201 202 123 78	144 511	445 5	179 210 109 70	
5	154 833	455 5	190 280 118 72	140 356	441 5	176 280 104 72	T MALDONADO
6	151 783	452 5	183 352 119 64	137 ~~136~~ 050	438 5	169 352 105 64	
7	147 935	448 5	169 416 125 44	139 913	440 5	164 416 116 46	
8	157 852	458 5	165 460 149 16	204 ~~214~~ 928	505 5	212 462 196 16	
	+ 1341 269	✓	476	1123 789	✓	478	
	− 1123 789					476	
	+ 217 480	✓				954	
B.M. 7-11							B.M. 7-11 PARAMOUNT BLVD. & FLORENCE AVE. F.B. 1208-16 & INT.

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 7-9B							FROM B.M. 7-9B TO B.M. 7-9A
1	175 700	476 5	204 146 58	186 421	487 5	213 159 54	B.M. 7-9 B
			203			191	PARAMOUNT BLVD. & 5TH. ST.
2	176 850	477 5	149 54	162 838	463 5	133 58	N.W. COR.
			176 112			192 112	F.B. 3706-83
3	147 793	448 5	118 58	163 648	464 5	134 58	
			173 170			206 170	T RODRIGUEZ
4	159 080	460 5	145 28	192 399	493 5	178 28	
	+ 659 423 ✓		198	705 306 ✓		198 ✓	
B.M. 7-9A				+ 659 423		198	B.M. 7-9A
				45 883 ✓		396	PARAMOUNT BLVD. & 2ND. ST.
							& INT.
							F.B. 3706-75

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

SURVEY BY V. RANDALL WEATHER CLEAR & CALM INST. NO. 75234

NOTES BY RUDERSON DATE 30 - SEPT 70 TIME 13:40 ROD NO. 713 A-B

INDEXED DATE NOTES CHKD R.G.B. DATE 11 18

T = 98°

F.B. 4104 PG. 47

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4104 PG. 48 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Maldonado 10-5-70

INDEXED DATE

WEATHER Overcast INST. NO. 75234

TIME 2:25 ROD NO. 17134

NOTES CHKD DATE

T-74°

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											From BM 7-9A To BM 7-9B
BM 7-9A											BM 7-9A
				194					149		Paramount Blvd. & 2nd. St.
1	159	628	460 5	124	70	114	630	415 5	79	70	F.B. 3706-75 & Int.
				187					180		
2	148	124	449 5	109	78	140	367	441 5	100	80	
				169	148				149	150	
3	142	651	443 5	115	54	123	140	424 5	97	52	
				137	202				163	202	
4	135	478	436 5	133	4	161	839	462 5	159	4	
	+ 585	881 ✓			206	539	976 ✓			206 ✓	BM 7-9B
	- 539	976								206	Paramount Blvd. & 5th St.
BM 7-9B	+ 45	905 ✓								412 ✓	F.B. 3706-83 N.W. Cor.

76P526 CE # 308 3-65

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. RANDALL WEATHER CLEAR & COOL INST. NO. 75224
NOTES BY R. ANDERSON DATE 30 SEPT. '70 TIME 14:20 ROD NO. 1717 A&B
INDEXED DATE NOTES CHKD RDB DATE 11-18-70
T = 98°
F.B. 4104 Pg. 49

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 7-9A	RIGHT MIC.		LEFT.	STADIA	RIGHT MIC.		LEFT.	STADIA	FROM B.M. 7-9A TO B.M. 7-8-B
1	174	402	475	5 / 155 / 153 / 38	143	050	444	5 / 123 / 123 / 40	B.M. 7-9A
									PARAMOUNT BLVD. & 2ND. ST.
2			5						& INT.
									F.B. 3706-75
				148				157	T. RODRIGUEZ
2	146	021	447	5 / 144 / 4	155	331	452	5 / 153 / 4	B.M. 7-8B
	+ 320	423 ✓		42 ✓	298	381 ✓		44 ✓	PARAMOUNT BLVD. & FIRESTONE
	- 298	381						42	N.W. COR.
B.M. 7-8B	+ 22	042 ✓						86 ✓	F.B. 3706-74

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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. 4104 PG. 50 | JOB NO. 0301.02 | SURVEY OF L.A. Co. Precise Level Net | SURVEY BY Randall | NOTES Maldonado 10-5-70 | INDEXED | DATE

WEATHER overcast | INST. NO. 75234 | ROD NO. 1713 A&B | TIME 2:10 | DATE 11-4-70 | NOTES CHKD

T-74°

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											From BM 7-8B To BM 7-9A
BM 7-8B											BM 7-8B
				148					158		Paramount Blvd. & Firestone
1	132	118	433	5	116 32	141	687	442	5	124 34	Blvd. N.W. Cor.
					121					132	F.B. 3706-74
2	111	442	412	5	101 20	123	939	424	5	114 18	
	+ 243	560 ✓			52	265	626 ✓			52 ✓	
						− 243	560			52	T-Anderson
						22	066 ✓			104 ✓	
BM 7-9A											BM 7-9A
											Paramount Blvd. & 2nd St.
											F.B. 3706-7 E Int.

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 7-8B TO B.M. 7-7A
B.M. 7-8B			186			176	B.M. 7-8B
1	159 369	460 5	132 54	149 399	450 5	122 54	PARAMOUNT BLVD. & FIRESTONE
			226			226	N.W. COR
2	194 299	495 5	162 64	193 049	494 5	160 66	F.B. 3706-74
			186 118			255 120	T. RODRIGUEZ
3	147 569	448 5	108 78	217 181	518 5	179 76	
			172 196			222 196	
4	137 271	438 5	102 70	187 150	488 5	152 70	
			186 266			208 266	
5	152 802	453 5	118 68	173 491	474 5	138 70	
			178 334			206 336	
6	139 192	440 5	100 78	165 029	466 5	124 82	
			177 412			224 418	
7	150 229	451 5	123 54	199 848	500 5	174 50	
			206 466			238 468	
8	170 378	471 5	134 72	201 042	502 5	164 74	
	+ 1251 109 ✓		538 ✓	1486 189 ✓		542 ✓	
B.M. 7-7A				+ 1251 109		538	B.M. 7-7A
				- 235 080 ✓		1080 ✓	PARAMOUNT BLVD & STEWART-GRAY
							S.W. COR.
							F.B. 3706-72

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

SURVEY BY V. RAMIREZ WEATHER CLEAR & CALM INST. NO. 75-234

NOTES BY RAMIREZ DATE 30-SEPT. 70 TIME 11:20 ROD NO. 17848

INDEXED DATE NOTES CHKD. RGB DATE 11-18-70

T = 98°

F.B. 4104 PG. 51

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 73-234 ROD NO. 113A&B DATE 11-18-70

WEATHER Overcast TIME 1:10 NOTES CHKD

T-74°

JOB NO. 0301.02 DATE

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES Maldonado 10-5-70

INDEXED

[redacted] PG. 52

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 7-7A TO BM 7-8B
BM 7-7A							BM 7-7A
			230			172	Paramount Blvd. & Stewart &
1	186 088	487 5	142 88	129 450	430 5	86 86	Gray Rd. S. W. Cor.
			195			164	F.B. 3706-72
2	155 425	456 5	115 80	123 148	424 5	82 82	
			187 168			161 168	
3	152 880	453 5	117 70	126 448	427 5	91 70	
			181 238			144 238	
4	148 487	449 5	115 66	112 697	413 5	80 64	T-Anderson
			199 304			153 302	
5	163 432	464 5	127 72	115 312	416 5	77 76	
			210 376			153 378	
6	176 289	477 5	142 68	121 147	422 5	89 64	
			137 444			184 442	
7	137 512	438 5	107 60	155 072	456 5	126 58	
			171 504			175 500	
8	146 272	447 5	121 50	148 017	449 5	121 58	
	+ 1266 385 ✓		554 ✓	1031 291 ✓		554 ✓	
	− 1031 291					554	BM 7-8B
BM 7-8B	+ 235 094 ✓					1108	Paramount Blvd. & Firestone Blvd.
							F.B. 3706-74 N.W. Cor.

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY V. RANDOLL WEATHER CLEAR & COOL INST. NO. 75234

NOTES BY R. ANDERSON DATE 1-OCT. '70 TIME 09:00 ROD NO. 1713 A.B.

INDEXED DATE NOTES CHKD RGB DATE 11-18-70

T = 74°

F.B. 4104 pg 53

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
B.M. 7-7A													From B.M. 7-7A to B.M. 7-6B
1	~~147~~	~~964~~	~~448~~	5	~~164~~ ~~130~~	~~74~~	140	~~140~~	441	5	158 122	36	B.M. 7-7A
	149	563	450		166 132	34		221			164		PARAMOUNT BLVD. & STEWART-GRAY
2	130	900	431	5	156 104	52	138	127	439	5	112	52	S.W. COR. 2
					167	86					174	88	F.B 3706-7*
3	139	482	440	5	111	56	149	598	450	5	124	50	
					167	142					189	138	
4	136	640	437	5	105	62	156	198	457	5	123	66	
					159	204					186	204	T MALDONADO
5	125	923	426	5	96	58	157	973	458	5	128	58	
					158	262					195	262	
6	150	215	451	5	142	16	187	818	488	5	179	16	
	+ ~~823~~					278	929	935				278 ✓	
B.M. 7-6B	832	723 ✓					+ 832	723				278	B.M. 7-6B
							97	212 ✓				556 ✓	PARAMOUNT BLVD. & ALAMEDA ST.
													F.B. 1208-90

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 1713A-B DATE 11-12-70

WEATHER OVERCAST TIME 11:41 NOTES CHKD RJB

T = 720

B. 4104 PG. 54 JOB NO. 0301 02

SURVEY OF L.A.Co Precise Level Net

SURVEY BY Powell NOTES Anderson DATE: 5-Oct. '70

INDEXED _____ DATE _____

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 7-6B TO B.M. 7-7A
B.M. 7-6B							B.M. 7-6B
1	203972	5045	272 174 58	150110	4515	178 122 54	PARAMOUNT BLVD. & ALAMEDA ST. (W. SIDE)
2	180862	4815	217 143 74	140357	4415	177 103 74	F.B
3	156847	4575	192 120 72	140921	4415	174 106 68	
4	151500	4525	181 121 60	147958	4485	179 115 64	T MALDONADO
5	152374	4535	163 141 22	169090	4705	18 157 24	
	+ 845555 ✓		264	748436 ✓		262	
	− 748436		284 ✓			286 ✓	
	+ 97119 ✓					286	
						572 ✓	
B.M. 7-7A							B.M. 7-7A
							PARAMOUNT BLVD. & STEWART & GRAY S.W. COR
							F.B. 3706-72

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
B.M. 7-6B	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 7-6B TO B.M. 7-6A
X		5					B.M. 7-6 B
							PARAMOUNT BLVD. & ALAMEDA ST.
X		5					F.B. 1208-90
							T MALDONADO
			186			187	
1	180 440	481 5	174 12	181 421	482 5	175 12	B.M. 7-6A
B.M. 7-6A						12	PARAMOUNT BLVD. & ALAMEDA ST.
						24	F.B. 1208-90
				180440			
				-0981 ✓			

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

SURVEY BY U. RAMARAS WEATHER CLEAR & COOL INST. NO. 76234

NOTES BY R. ROWERSON DATE 1-OCT. '70 TIME 08:40 ROD NO. 17349

INDEXED DATE NOTES CHKD RVB DATE 11-18-70

T= 82°

F.B. 4104 PG. 55

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4104 PG. 56 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY RANDALL NOTES ANDERSON DATE: 5-Oct-70

INDEXED _____ DATE _____

WEATHER OVERCAST/CLOUDY INST. NO. 76-231

TIME 11:30 ROD NO. 1713A18

NOTES CHKD R.G.B. DATE 11-18-70

T = 70°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 7-6A TO B.M. 7-6B
B.M. 7-6A									B.M. 7-6A PARAMOUNT BLVD. & ALAMEDA ST. F.B. 1208-90 (W. SIDE
1	176	668	477 5	183 169 14	175	712	476 5	182 168 14	T MALDONADO
B.M. 7-6B	175	712						14 28	B.M. 7-6B PARAMOUNT BLVD. & ALAMEDA ST. (W. SIDE) F.B. 1208-90
	+ 0956 ✓								

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY V. RANDALL WEATHER CLEAR & CALM INST. NO. 10239

NOTES BY R. ANDERSON DATE 1-OCT. '70 TIME 09:45 ROD NO. 1713A-B

INDEXED DATE NOTES CHKD DATE

T = 82°

F.B. 4104 PG. 57

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 7-6A									FROM B.M. 7-6A TO B.M. 7-5A
1	148	420	449	5	156	022	457	5	B.M. 7-6A
				176 120 56				184 128 56	
				173				194	PARAMOUNT BLVD. & ALAMEDA ST.
2	139	080	440	5	160	105	461	5	F.B. 1208-90
				105 60				126 68	
				171 124				192 124	
3	138	202	439	5	157	319	460	5	
				105 66				126 66	
				170 190				174 190	T MALDONADO
4	140	718	441	5	143	335	444	5	
				110 60				112 62	
				161 250				210 252	
5	130	877	431	5	179	859	480	5	
				99 62				148 62	
				140 312				219 314	
6	107	763	408	5	185	612	486	5	
				74 66				151 68	
				141 378				184 382	
7	122	367	423	5	165	483	466	5	
				103 38				146 38	
				146 416				173 420	
8	143	103	444	5	171	298	472	5	
				146 6				169 4	
	+ 1070	530 ✓		422	1321	033 ✓		424 ✓	
B.M. 7-5A					+ 1070	530		422	B.M. 7-5A
					- 250	503 ✓		846 ✓	PARAMOUNT & IMPERIAL HWY.
									S.W. COR. IN WELL
									F.B. 3706-66

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4104 PG. 58 | JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Anderson DATE 5-Oct-70

INDEXED _____ DATE _____

WEATHER OVERCAST/CALM INST. NO. 752534

TIME 10:55 ROD NO. 1713 RB

NOTES CHKD RB DATE 11-18-70

T = 70°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 7-5A TO B.M. 7-6A
B.M. 7-5A			242			136	B.M. 7-5A
1	209 706	510 5	176 66	103 977	404 5	70 66	PARAMOUNT BLVD. & IMPERIAL
			208			154	HWY - S.W. COR. IN WELL
2	172 549	473 5	136 72	119 262	420 5	84 70	F.B. 3706-66
			221 138			164 136	
3	188 189	489 5	155 66	130 097	431 5	96 68	
			194 204			164 204	T MALDONADO
4	161 396	462 5	128 66	142 781	443 5	110 ~~54~~ 64	
			196 270			165 268	
5	155 938	456 5	120 70	130 386	431 5	95 70	
			192 340			171 338	
6	159 605	460 5	125 68	138 899	439 5	105 66	
			164 408			159 404	
7	142 822	443 5	130 24	145 904	446 5	131 28	
			151 432			180 432	
8	145 587	446 5	139 12	174 260	475 5	168 12	
	+1335 792 ✓		444 ✓	1085 556 ✓		444 ✓	
B.M. 7-6A	-1085 556					444	B.M. 7-6A
	+ 250 236 ✓					888 ✓	PARAMOUNT BLVD. & ALAMEDA ST.
							W. SIDE OF PARAMOUNT
							F.B. 1208-90

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY J. RAMSELL WEATHER SUNNY INST. NO. 75434

NOTES BY R. ANDERSON DATE 1-OCT. '70 TIME 10:30 ROD NO. 17138

INDEXED ____ DATE ____ NOTES CHKD. RVG DATE 11-18-70

T = 88°

F.B. 4104 PG. 59

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
B.M 7-5A													FROM B.M. 7-5A TO B.M. 7-4A
1	153	392	454	5	166 140	26	173	320	474	5	186 161	24	B.M. 7-5A (PARAMOUNT BLVD. & IMPERIAL
2	83	510	384	5	116 50	66	202	943	563	5	233 171	62	HWY - S.W. COR IN WELL
3	124 ~~125~~	986	425	5	155 93	92 62	204	478	505	5	259 169	86 70	F.B. 3706-66
4	140	810	441	5	179 106	154 68	164	738	465	5	197 131	156 66	A MALDONADO
5	135	174	436	5	168 102	222 66	187	049	488	5	220 154	222 66	
6	140	792	441	5	172 108	288 64	175	520	476	5	267 193	288 64	
7	133	012	434	5	161 105	352 56	176	975	477	5	203 149	352 54	
8	110	~~448~~ 448	411	5	124 96	408 28	138	182	439	5	152 124	406 28	
	+ 1022	124 ✓				436 ✓	1423	205 ✓				484 ✓	
							+ 1022	124				436	
B.M. 7-4A							- 401	081 ✓				870 ✓	B.M. 7-4A PARAMOUNT BLVD. & GARDENDALE ST. N.E. COR F.B. ~~3708~~ - 87 3706

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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	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 7-4A TO B.M. 7-5A
B.M. 7-4A				190				125	B.M. 7-4A
1	165 878	446	5	140 50	98 257	399	5	71 54	PARAMOUNT BLVD. & GARDENDALE N.E. COR.
				217				176	
2	183 371	484	5	149 68	145 820	446	5	114 62	F.B. ~~3708-87~~ 3706-87
				213 118				160 116	
3	177 160	478	5	141 72	128 048	429	5	96 64	
				204 190				163 180	T MALDONADO
4	169 810	470	5	134 70	123 403	424	5	83 80	
				218 260				142 260	
5	181 621	482	5	144 74	105 553	406	5	68 74	
				206 334				128 334	
6	174 938	175	5	142 64	96 928	397	5	64 64	
				217 398				142 398	
7	202 107	503	5	187 30	126 721	427	5	100 32	
				146 428				176 430	
8	131 880	432	5	116 30	161 049	462	5	146 30	
	+ 1386 765	✓		458	985 779	✓		460 ✓	
B.M. 7-5A	985 779							458	B.M. 7-5A
	+ 400986	✓						918 ✓	PARAMOUNT BLVD. & IMPERIAL HWY
									S.W. COR. IN WELL
									F.B. 3706-66

T = 66

F.B. 4104 PG. 60 | JOB NO. 0301.02

SURVEY OF

SURVEY BY Pandolfi NOTES Anderson DATE 5-Oct. '70

INDEXED DATE

WEATHER Clear TEMP. 70 INST. NO. 75234

TIME 10105 ROD NO. 17348

NOTES CHKD. DATE 11-3-70

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY J. RANDALL WEATHER CLEAR & CALM INST. NO. 15234

NOTES BY R. ANDERSON DATE 1-OCT. '70 TIME 11:32 ROD NO. 17388

INDEXED DATE NOTES CHKD RWD DATE 11-18-70

T-90°

F.B. 4104 PG. 61

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 7-4A TO B.M. 7-4
B.M. 7-4A							B.M. 7-4A
							PARAMOUNT BLVD. & GARDENDALE
			155	193 595		206	F.B. 3706-87 N.E. COR
1	142 232	443 5	129 26		499 5	180 26	π MALDONADO
						26	
B.M. 7-4						52	B.M. 7-4 (BELL F-10 1938)
	+ 142 232			- 193 595			PARAMOUNT BLVD. & GARDENDALE ST.
				+ 142 232			F.B. 1208-9
				- 51 363 ✓			

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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 B.M. 7-4 TO B.M. 7-4A
B.M. 7-4							B.M. 7-4 PARAMOUNT BLVD. & GARDENDALE & INT. IN H-H. F.B. ~~3700-87~~ 1208-9 T MALDONADO
1	202403	503 5	215 189 26	151 084	4525	163 139 24	
						26 80 ✓	
	+ 202 403			+ 151 084			
B.M. 7-4A	151 084						B.M. 7-4A Paramount @ Gardendale F.B. ~~3708~~ - 87 3706 - 87
	+ 51 319 ✓						

F.B. 4104 PG. 62

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES Angelsual DATE 15 Oct. 78

INDEXED _____ DATE _____

JOB NO. 0301.02

T = 66°

WEATHER OVERCAST & COLD TIME 09:50 NOTES CHKD RBB

INST. NO. 75234

ROD NO. 713A-B

DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 7-4 TO BM 7-3B
BM 7-4							BM 7-4
			203			207	Paramount Blvd. & Garden-
1	166 543	467 5	166½ 74	170 080	471 5	133 74	dale St. Approx. ℄ Int.
			148			188	F.B. 1208-9
2	123 780	424 5	98 50	163 391	464 5	138 50	
			185 124			180 124	
3	156 922	457 5	127 58	153 200	454 5	126 54	
			139 182			185 178	
4	125 862	426 5	111 28	169 171	470 5	153 32	T-Anderson
			210 ✓			210 ✓	
						210	
	+ 573 107 ✓			655 842 ✓		420 ✓	
				+ 573 107			
				- 82 735 ✓			
							BM 7-3B
BM 7-3B							Paramount Blvd. & Harding
							Ave. 75' N'ly. of N.W. Cor.
							F.B. 1208-89

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

SURVEY BY J. Randall WEATHER Sunny & Calm INST. NO 75234

NOTES BY Maldonado DATE 10-1-70 TIME 11:25 ROD NO 7138 & B

INDEXED DATE NOTES CHKD R.F.B. DATE 11-18-70

T. 92°

F.B. 4104 PG. 63

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4104 Pg. 64 | JOB NO. 0301.02 | SURVEY OF L.A. Co. Precise Level Net | SURVEY BY Randall/Maldonado 10-5-70 | INDEXED | DATE | NOTES | WEATHER Overcast | TIME 9:30 | NOTES CHKD | INST. NO. 75234 | ROD NO. 173A&B | DATE 11-18-70

T-68°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From BM 7-3B To BM 7-4
BM 7-3B							BM 7-3B
			220			152	Paramount Blvd & Harding
1	194 362	495 5	168 52	126 394	427 5	100 52	Ave, 75' N'ly of N.W. Cor.
			176			152	F.B. 1208-89
2	139 527	440 5	102 74	115 700	416 5	78 74	
			170 126			147 126	
3	145 415	446 5	120 50	122 302	423 5	97 50	T-Anderson
			163 176			195 176	
4	145 298	446 5	127 36	177 536	478 5	159 36	
	+ 624 602 ✓		212 ✓	541 932 ✓		212 ✓	
	- 541 932					212	BM 7-4
	+ 82 670 ✓					424 ✓	Paramount Blvd. &
							Gardendale Ave. Near E Int.
BM 7-4							F.B. 1208-9

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 7-3B TO BM 7-3A
BM 7-3B							BM 7-3B
			174			153	Paramount Blvd. & Harding
1	170 558	471 5	166 8	149 055	4505	145 8	Ave. 75'N'ly & N.W. Cor.
						8	F.B 1208-89
						16	
	+ 170 558			-149 055			
	- 149 055						T- Anderson
BM 7-3A +	21 503						
							BM 7-3A
							Paramount Blvd. & Harding
							Ave. N.W. Cor.
							F.B. 1208-89

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

SURVEY BY J. Randall WEATHER Sunny & Calm INST. NO. 7323

NOTES BY Maldonado DATE 10-1-70 TIME 1:15 ROD NO. 713 A&B

INDEXED DATE NOTES CHKD. R.G.B. DATE 11-18-70

T: 96°

F.B. 4104 PG. 65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 75-238 ROD NO. 17134-B DATE 11-18-10

WEATHER Overcast TIME 9:25 NOTES CHKD. K.G.D.

T = 66°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS From BM 7-3A To BM 7-3B
BM 7-3A									BM 7-3A Paramount Blvd. & Harding Ave. N.W. Cor. F.B. 1208-89
				152				173	
1	148	412	449 5	144 8	169	888	470 5	165 8	
								8	
℄								16 ✓	
	+ 148	412			+ 169	888			π - Anderson
					+ 148	412			
					21	476 ✓			
BM 7-3B									BM 7-3B Paramount Blvd. & Harding Ave., 75' N'ly. of N.W. Cor. F.B. 1208-89

F.B. 4104 PG. 66 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level

SURVEY BY Randall NOTES Maldonado 10-5-70

INDEXED DATE

75P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY J. Ramdall WEATHER Sunny & Calm INST. NO. 75234

NOTES BY Maldonado DATE 10-1-70 TIME 1:25 ROD NO. 713A&B

INDEXED DATE NOTES CHKD RGB DATE 11-18-70

T: 96°

F.B. 4104 PG. 67

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From BM 7-3A To BM 7-2A
BM 7-3A							BM 7-3A Paramount Blvd. & Harding Ave. N.W. Cor. F.B. 1208-89
			170	158		191	
1	137 788	438 5	104 66	~~158~~ 481	459 5	125 66	
			152			184	
2	120 617	421 5	88 64	153 860	454 5	122 62	
			146 130			164 128	
3	120 390	421 5	94 52	139 282	440 5	114 50	
			140 182			~~150~~ 178	π-Anderson
4	137 299	438 5	134 6	146 099	447 5	142 8	
+	516 094 ✓		188	597 722 ✓		186 ✓	
				+ 516 094		188	
				81 628 ✓		374 ✓	BM 7-2A Paramount Blvd. & Century Blvd. N.W. Cor. F.B. 1208-88
BM 7-2A							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4104 PG. 68 | JOB NO. 0301.02 | SURVEY OF L.A. Co. Precise Level Net | SURVEY BY Randall NOTES Maldonado 10-5-70 | INDEXED | DATE

T-6

WEATHER Overcast | INST. NO. 75234 | TIME 9:00 | ROD NO. 1713 AE8 | NOTES CHKD R-B | DATE 11-18-70

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM BM 7-2A TO BM 7-3A
BM 7-2A											BM 7-2A
				192					150		Paramount Blvd. & Century
1	162	420	463	5 132	60	120	408	421	5 90	60	Blvd. N.W. Cor.
				207					160		F.B. 1208-88
2	171	508	472	5 135	72	125	451	426	5 90	70	
				168	132				167	130	
3	141	736	442	5 114	54	140	403	441	5 113	54	
				144	186				151	184	
4	140	178	441	5 136	8	148	110	449	5 145	6	T-Anderson
	+ 615	842 ✓			194	✓ 534	372 ✓			190 ✓	
	- 534	372								194	
	+ 81	470 ✓								384 ✓	
BM 7-3A											BM 7-3A
											Paramount Blvd. & Harding
											Ave. N.W. Cor.
											F.B. 1208-89

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY J. Randall WEATHER Sunny & Calm INST. NO. 75234

NOTES BY Maldonado DATE 10-1-70 TIME 2:00 ROD NO. 1713 A&B

INDEXED DATE NOTES CHKD RGS DATE 11-18-70

T-1000

F.B. 4104 PG. 69

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS From BM 7-2A To BM 7-1A
BM7-2A							BM 7-2A
			156			174	Paramount Blvd. & Century
1	126 896	427 5	96 60	144 265	445 5	114 60	Blvd. N.W. Cor.
			156			174	F.B. 1208-88
2	128 115	429 5	100 56	146 660	447 5	118 56	
			160 116			171 116	
3	134 511	435 5	108 52	145 717	446 5	119 52	
			164 168			174 168	T- Anderson
4	128 416	429 5	92 72	140 663	441 5	106 68	
			172 240			148 236	
5	139 742	440 5	106 66	114 158	415 5	80 68	
			167 306			182 304	
6	135 306	436 5	103 64	150 008	451 5	118 64	
			197 370			211 368	
7	171 958	472 5	145 52	183 140	484 5	155 56	
			64 422			138 424	
8	49 290	350 5	34 30	124 850	425 5	110 28	
BM7-1A +	~~1014 231~~		452 ✓	1149 461 ✓		452 ✓	BM 7-1A
	1014 234 ✓			~~1014 231~~		452	Paramount Blvd. & Rosecrans
				~~135 230~~		904 ✓	Ave., N.W. Cor. Paramount Park
				1014 234			F.B. 1208-87
				- 135 227 ✓			

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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.

F.B. 4104 PG. 70 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randal NOTES Maldonado 10-2-70

INDEXED DATE

WEATHER Overcast INST. NO. 75234

TIME 1:50 ROD NO. 1718 A&B

NOTES CHKD RGB DATE 11-18-70

T-82°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 7-1A TO BM 7-2A
BM 7-1A							BM 7-1A Paramount Blvd. & Rosecrans Ave. N.W. Cor. Paramount Park F.B. 1208-87
1	268 330	569 5	297 239 58	186 054	487 5	216 156 60	
2	147 220	448 5	181 113 68	132 567	433 5	167 97 70	
3	125 586	426 5	160 90 70	146 285	447 5	126 179 113 130 66	
4	145 958	446 5	178 112 66	131 578	432 5	196 164 98 196 66	T. Anderson
5	144 335	445 5	174 114 60	131 405	432 5	262 161 101 262 60	
6	148 600	449 ~~600~~ 5	178 118 60	125 322	426 5	322 156 94 322 62	
7	144 928	445 5	156 132 24	136 880	437 5	382 148 124 384 24	
8	145 142	446 5	162 128 34	145 110	446 5	406 161 129 408 32	
	+ 1270 099 ✓		440 ✓	1135 201 ✓		440 ✓	
	- 1135 201					440	
	+ 134 898 ✓					880 ✓	
BM 7-2A							BM 7-2A Paramount Blvd. & Century Blvd. N.W. Cor. F.B. 1208-88

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. Ramdall WEATHER Overcast 68°F INST. NO. 15234
NOTES BY Maldonado DATE 12-7-70 TIME 8:45 ROD NO. 173 A&B
INDEXED DATE NOTES CHKD. RGB DATE 11-18-70

T-64

F.B. 4904 PG. 71

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
7-2A							FROM 7-2A TO 7-1A
1	131 939	432 5	169 93 76	154 586	455 5	192 116 76	BM 7-2A
2	121 843	422 5	159 83 76	142 356	443 5	179 105 74	Paramount Blvd. & Century Blvd. N.W. Cor.
3	134 376	435 5	169 152 99 70	149 332	450 5	184 150 114 70	F.B. 1208-88
4	140 775	441 5	178 222 102 76	119 612	420 5	156 220 82 74	
5	118 202	419 5	155 298 81 74	130 420	431 5	166 294 94 72	T-Anderson
6	172 439	473 5	198 372 146 52	200 452	501 5	229 366 171 58	
7	82 898	383 5	97 424 67 30	140 979	441 5	155 424 125 30	Re-Run
			454 ✓			454 ✓	
8		5			5	454	
	+ 902 472 ✓			1037 737 ✓		908 ✓	
				+ 902 472			
				135 265 ✓			
BM 7-1A							BM 7-1A Paramount Blvd. & Rosecrans Ave. N.W. Cor. Paramount Park F.B. 1208-87

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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.

RERUN

F.B. 4104 Pg. 72 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES Maldonado 10-7-70

INDEXED DATE

WEATHER Partly Cloudy INST. NO. 75234

TIME 9:30 ROD NO. 173-4E8 DATE 11-4-70

NOTES CHKD Rob

T-72°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 7-1A TO BM 7-2A
BM 7-1A									BM 7-1A Paramount Blvd. & Rosecrans Blvd. Ave. N.W. Cor. of Paramount Park F.B. 1208-87
				297				216	
1	268 582		569 5	239 58	185 303		486 5	154 62	
				182				166	
2	145 228		446 5	108 74	132 648		433 5	98 68	
		802		157 132				173 130	
3	120 ~~732~~		421 5	83 74	136 653		437 5	99 74	
				184 206				169 204	
4	143 321		444 5	102 82	130 000		431 5	91 78	T-Anderson RERUN
				188 288				168 282	
5	151 510		452 5	114 74	128 458		429 5	88 80	
				196 362				177 362	
6	156 607		457 5	116 80	137 746		438 5	97 80	
				442 ✓				442 ✓	
	+ 986 050 ✓				- 850 808 ✓			442	
	- 850 808							884 ✓	
	+ 135 242 ✓								
BM 7-2A									BM 7-2A Paramount Blvd. & Century Blvd. N.W. Cor. F.B. 1208-88

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY J. Ramdall WEATHER Sunny & Breezy INST. NO. 75-234

NOTES BY Mallon edo DATE 10-1-70 TIME 2:45 ROD NO. 171 A&B

INDEXED DATE NOTES CHKD RGB DATE 11-18-70

T-96°

F.B. 4104 PG. 73

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											From BM 7-1A To BM 6-13
BM 7-1A											BM 7-1A
				148					158		Paramount Blvd. & Rosecrans
1	122	442	423 5	96	52	133	040	434 5	108	50	Ave., N.W. Cor. of Paramount Park
				169					183		F.B. 1208-87
2	133	762	434 5	97	72	148	294	449 5	113	70	
				163	124				179	120	
3	128	565	429 5	93	70	145	930	446 5	111	68	
				183	194				168	188	
4	143	530	444 5	103	80	126	397	427 5	84	84	X-Anderson
				182	274				162	272	
5	145	692	446 5	108	74	125	606	426 5	88	74	
				160	348				188	346	
6	145	085	446 5	130	30	173	557	474 5	158	30	
	+ 819	076 ✓			378 ✓	852	821 ✓			376 ✓	
X						+ 819	076			378	
						- 33	745 ✓			754 ✓	
X											
											BM 6-13
											Compton Blvd & Paramount Blvd
											Approx. Int.
BM 6-13											F.B. 1207-17

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 73-234 ROD NO. 1713-468 DATE 11-18-70

WEATHER Overcast TIME 1:15 NOTES CHKD RCB

T-82°

F.B. 4104 PG. 74 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Maldonado 10-2-70

INDEXED DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 6-13 TO BM 7-1A
BM 6-13									BM 6-13 Paramount Blvd. & Compton Blvd. Near & Int. F.B. 1207-17
				188				154	
1	177	640	478 5	166 22	143	328	444 5	132 22	
				161				178	
2	128	550	429 5	95 66	145	430	446 5	112 66	
				166 88				195 88	
3	131	621	432 5	96 70	158	375	459 5	~~129~~ 121 ~~64~~	
				187 158				166 162	
4	152	250	453 5	117 70	134	232	435 5	102 64	T. Anderson
				185 228				172 226	
5	150	520	451 5	115 70	137	709	438 5	102 70	
				166 298				160 296	
6	141	298	442 5	116 50	135	328	436 5	110 50	
				158 348				152 346	
7	145	198	446 5	132 26	138	732	439 5	124 28	
	+ 1027	077 ✓		374	993	134 ✓		374 ✓	
	- 993	134						374	
	+ 33	943 ✓						748 ✓	
BM 7-1A									BM 7-1A Paramount Blvd. & Rosecrans Ave. N.W. Cor. Paramount Park F.B. 1208-87

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
B.M. 6-13	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 6-13 TO B.M. 6-13A
							B.M. 6-13
							PARAMOUNT BLVD. & COMPTON
							NEAR ℄ INT.
			189			186	
1	175 182	476 5	161 28	172 839	473 5	158 28	F.B. 1207-17
						28	T MALDONADO
						56	B.M. 6-13 A
	172 839						PARAMOUNT BLVD. & COMPTON
	+ 2843 ✓						S.W. COR.
							F.B. 3708-169

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 2-OCT. '70 WEATHER CLEAR, CHILL TIME 0925 INST. NO. 2573

INDEXED DATE NOTES CHKD RCB DATE ROD NO. 0138-18

T = 74°

F.B. 4104 PG. 75

F.B. 4104 PG. 76 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Anderson DATE: 2-Oct. '70

INDEXED DATE

T = 82°

WEATHER Overcast INST. NO. 7523

TIME 1:10 ROD NO. 17134

NOTES CHKD. KB DATE 11-18-70

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 6-13A TO B.M. 6-13
B.M. 6-13A							B.M. 6-13A
							PARAMOUNT BLVD. & COMPTON
			172			175	S.W. COR.
1	156 733	457 5	140 32	159 051	460 5	143 32	F.B. 3708-169
						32	
B.M. 6-13						64	B.M. 6-13
				156 733			PARAMOUNT BLVD. & COMPTON
				- 2318			NEAR & INT.
							F.B. 1207-17

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
B.M.6-13A							FROM B.M.6-13A TO B.M.6-14A
1	153 780	454 5	176 / 133 40 / 177	151 278	452 5	172 / 130 42 / 196	B.M. 6-13A PARAMOUNT BLVD. & COMPTON B.
2	143 731	444 5	109 68 / 184 108	163 918	464 5	130 66 / 191 108	S.W. COR. F.B. 3708-169
3	149 430	450 5	114 70 / 163 178	146 331	447 5	111 70 / 185 178	T MALDONADO
4	130 031	431 5	97 66 / 165 244	154 761	455 5	123 62 / 209 240	
5	130 472	431 5	95 70 / 158 314	174 025	475 5	139 70 / 153 310	
6	140 542	441 5	122 36 / 142 350	132 441	433 5	111 42 / 176 352	
B.M.6-14A	135 098	436 5	128 14 / 364 ✓	169 267	470 5	162 14 / 366 ✓	B.M. 6-14A COMPTON BLVD. & GARFIELD
						364 / 730	CITY OF PARAMOUNT FIRE STA. F.B. 3708-171
	983 084 ✓			1092021 ✓			
				983084			
				108937 ✓			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY V. RANDALL
NOTES BY R. ANDERSON DATE 2-OCT.'70 TIME 09:30 WEATHER CLEAR & CALM INST. NO. 75284
INDEXED DATE NOTES CHKD RGB DATE ROD NO. 17138.8

T = 74°

F.B. 4104 PG. 77

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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. 4104 PG. 78 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY RANDOM NOTES ANDERSON DATE: 2-Oct-70

INDEXED DATE

WEATHER CLEAR/CALM INST. NO. 75239

TIME 11:20 ROD NO. 17328

NOTES CHKD RGB DATE 11-18-70

T = 86°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 6-14A TO B.M. 6-13A
B.M. 6-14A				203				173	B.M. 6-14A
1	169	108	470 5	135 68	140	747	441 5	107 66	COMPTON BLVD & GARFIELD
				182				166	CITY OF PARAMOUNT F. STA.
2	150	225	451 5	118 64	135	433	436 5	104 62	F.B. 3708-171
				262 132				191 128	
3	230	428	531 5	198 64	157	903	458 5	123 68	
				154 196				167 196	T MALDONADO
4	122	739	423 5	90 64	135	240	436 5	103 64	
				176 260				187 260	
5	144	390	445 5	112 64	153	892	454 5	119 68	
				167 324				130 328	
6	145	857	446 5	123 44	130	905	431 5	110½ 40	
				368 ✓				368 ✓	
								368	
	962	747 ✓			854	120 ✓		736 ✓	
B.M. 6-13A	854	120							B.M. 6-13A
	+ 108	627 ✓							PARAMOUNT BLVD. & COMPTON
									S.W. COR.
									F.B. 3708-169

179
178
176

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line. RERUN

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
B.M.6-13A	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 6-13A TO B.M. 6-14A
1	162 858	463 5	183 141 42	162 089	463 5	189 140 44	B.M 6-13A
2	137 190	438 5	165 109 56	136 528	437 5	162 110 52	Paramount @ Compton (S.W. Cor.) F.B. 3708-169
3	157 778	458 5	187 98 127 60	168 642	469 5	199 96 137 62	T Rodriguez
4	179 672	480 5	214 158 144 70	221 849	522 5	256 158 186 70	
5	145 881	446 5	182 228 108 74	177 101	478 5	209 228 145 64	Re-Run
6	149 463	450 5	170 302 128 42	146 881	447 5	172 292 120 52	
7	152 371	453 5	163 349 141 22	180 662	481 5	191 344 169 22	B.M. 6-14A
			366 ✓			366	Compton & Garfield @ Fire Station
B.M.6-14A						366	F.B. 3708-171
	+ 1085213 ✓			− 1193752 ✓		732 ✓	
				1085213			
				− 108539 ✓			

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

SURVEY BY Randall

NOTES BY Maldonado DATE 7-06-70 TIME 1:05 WEATHER Sunny & Clear INST. NO. 75234

INDEXED DATE NOTES CHKD R.B. DATE 11-18-70 ROD NO. 1713A.3

T = 74°

F.B. 4104 PG. 79

F.B. 4104 PG. 80 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Rondell 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					

76P526 CE # 308 3-65

PLEASE RETURN TO

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03 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY W. PAULDRS WEATHER CLEAR & COOL INST. NO. 76234

NOTES BY R. ANDERSON DATE 2-OCT.'70 TIME 10:05 ROD NO. 713A-B

INDEXED DATE NOTES CHKD RGB DATE 11-18-70

T = 76°

F.B. 4104 PG. 81

STATION	BACKSIGHT Right Mic.	Left	Stadia	FORESIGHT Right Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 6-14A							FROM B.M. 6-14A TO B.M. 6-15A
1	162 880	463 5	188 / 136 52	135 ~~04~~ 039	436 5	161 / 109 52 / 186	B.M. 6-14A COMPTON Blvd. & GARFIELD F.B. 3708-171 (FIRE STATION)
2	153 430	454 5	188 / 118 70 / 174 122	152 003	453 5	118 68 / 173 120	
3	141 171	442 5	108 66 / 177 188	139 785	440 5	105 68 / 177 188	
4	144 390	445 5	111 66 / 189 254	145 313	446 5	113 64 / 174 252	T MALDONADO
5	156 231	457 5	123 66 / 178 320	141 703	442 5	108 66 / 189 318	
6	144 261	445 5	110 68 / 155 388	156 367	457 5	123 66 / 169 384	
7	137 227	438 5	119 36 / 152 424	145 305	446 5	126 38 / 200 422	
8	138 091	439 5	124 28 / 452 ✓	185 842	486 5	170 30 / 452 ✓	
B.						452 / 904 ✓	
	1177681 ✓			1201357 ✓			
				1177681			
				23676 ✓			
B.M. 6-15A							B.M. 6-15A COMPTON Blvd. & ORANGE S.W. COR. F.B. 3708-173

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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. 4104 PG. 82 JOB NO. 0301.02

SURVEY OF Randall NOTES Anderson & DATE: 2-Oct. '70

SURVEY BY DATE

INDEXED

WEATHER Clear & Calm INST. NO. 75239

TIME 10:40 ROD NO. 1713 R.B.

NOTES CHKD DATE 11-13-70

T = 800

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
B.M. 6-15A							FROM B.M. 6-15A TO B.M. 6-14A
1	185 080	486 5	200 170 30	137 342	438 5	182 122 30	B.M. 6-15A
			174			163	COMPTON BLVD. & ORANGE AVE.
2	148 060	449 5	122 52	137 939	438 5	111 52	S.W. COR.
			186 82			177 82	F.B. 3708-173
3	153 072	454 5	120 66	143 810	444 5	109 68	
			164 148			197 150	
4	129 874	430 5	94 70	163 030	464 5	129 68	J. MALDONADO
			195 218			170 218	
5	168 008	469 5	141 54	143 628	444 5	116 54	
			157 272			158 272	
6	129 278	425 5	98 66	125 736	426 5	92 66	
			161 338			179 338	
7	129 595	430 5	97 64	147 343	448 5	147 64	
			178 402			194 402	
8	148 739	449 5	118 60	164 219	465 5	135 58	
			462 ✓			460 ✓	
B.M. 6-14A						462	B.M. 6-14A
	186 706 ✓			163 047 ✓		922	COMPTON BLVD. & GARFIELD
	163 047						CITY OF PARAMOUNT FIRE STA.
	+ 23659 ✓						F.B. 3708-171

Notes Ck'd by	Survey of L.A.C. Precise Level Net
Map No.	JN 0301.02 Tape — Std — °F
Office Work	Surveyed by Randall
Checked	Notes " Date Oct. 70
Date	Indexed

F.B. 4104 Pg. 93

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

Do not extend this side of this line.

LOS ANGELES COUNTY

PRECISE LEVEL NET

LINE No. 33

OCT. 1970

J.N. 0301.02

REFERENCE
F.B. 1353
F.B. 1219
F.B. 2826
F.B. 3705

PARTY
RANDALL
ANDERSON
MALDONADO
SIEMANN
RODRIGUEZ
McKNIGHT
LOVE

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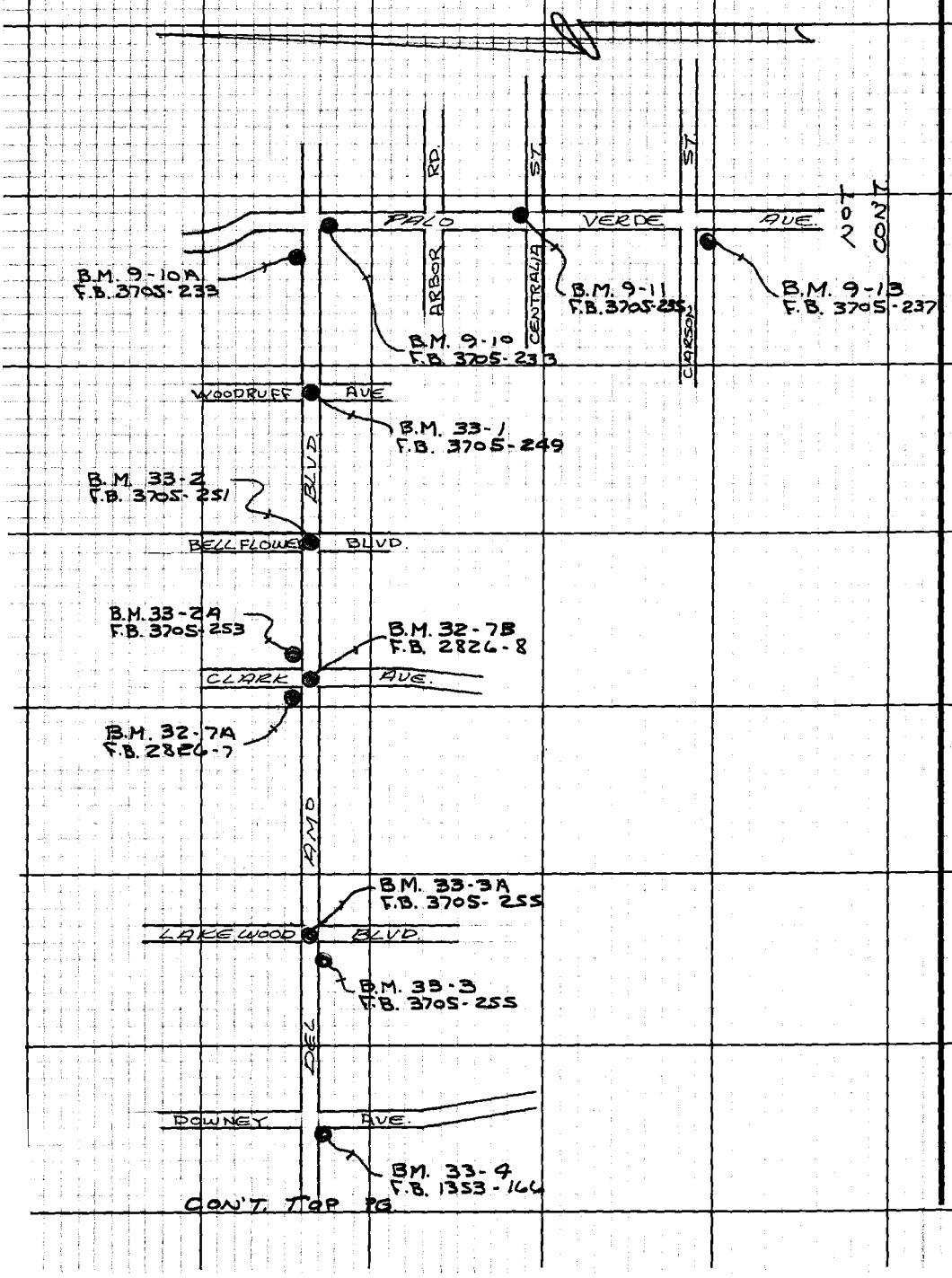
403 LOS ANGELES COUNTY ENGINEERING BLDG.

765398 CE#310 9-67

F.B. 4104 PG 94

ROUTE SKETCH



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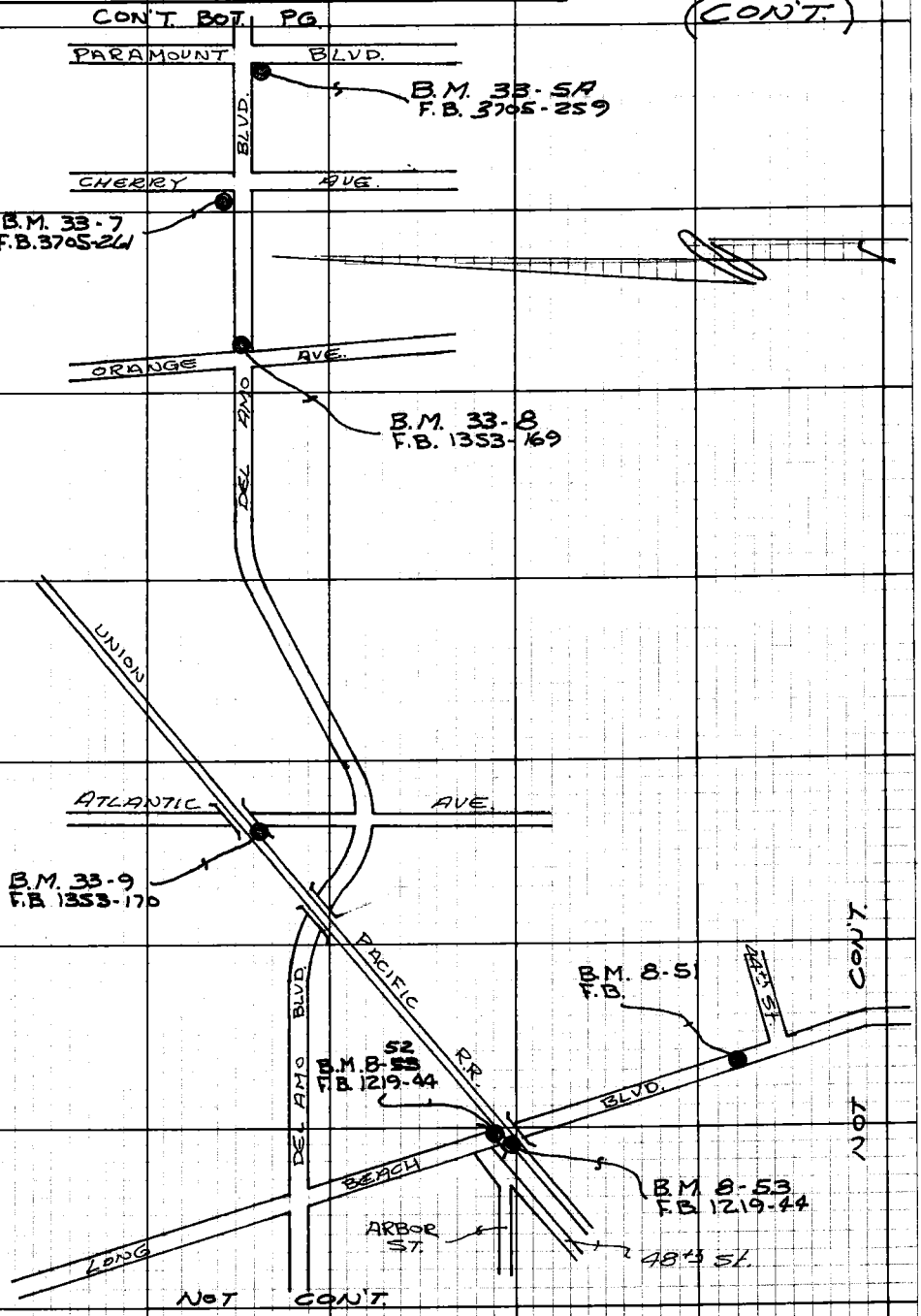
Notes Ck'd by	Survey of L.A.Co Precise Level Net
Map No.	JN0301.02 Tape — Std — °F
Office Work	Surveyed by Randall
Checked	Notes " Date Oct. '70
Date	Indexed

F.B. 4104 PG. 95

ROUTE SKETCH (CON'T.)



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76F3098 CE#310 9-67

F.B. 4104 PG. 96

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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 Jr Rendell WEATHER Sunny & Calm INST. NO. 75234

NOTES BY Neighbarado DATE 10-8-70 TIME 8:40 ROD NO. 713 A&B

INDEXED DATE NOTES CHKD DATE

F.B. 4104 PG. 97

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	140 172	441 5	142 138 4	160 448	461 5	187 133 54	54 M- 4 M= 50 M=0.20 mm
2	134 401	435 5	136 132 4	114 232	415 5	141 87 54	M- M= M=0.20 mm
	274 573		8	274 680		108	
	+			-0.040 mm		8	Curvature Corr.=0.40 mm
				274 640		100	
				274 573			
				- 0.67			
							π-Anderson
			mm= "C"				
				- 0.0067 mm = "C"			
				100 / 0.6700			
				600			
				700			

F.B. 4104 PG. 98 | JOB NO. 030102

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 _____
		BLANK					

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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 WEATHER Overcast INST. NO. 75234
NOTES BY Waldorado DATE 13-Oct-70 TIME 08:50 ROD NO. 1713-B
INDEXED DATE NOTES CHKD DATE

T = 68°

F.B. 4104 PG. 99

STATION	Near BACKSIGHT Right Mic.	Left.	Stadia	Far FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From To
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	141 ~~158~~ 347	442 5	143 139 4	158 840	459 5	185 131 54	54M- 4 M= 50 M=0.020 mm
2	132 390	433 5	134 130 4	114 824	415 5	141 87 54	54M- 4 M= 50 M=0.020 mm
	273737		8	273 664		108	
	274 624						
	+ 0 113			-0.~~04~~mm		8	Curvature Corr.=0.~~04~~0mm
				273 ~~6~~24		100	
				-			
							T-Anderson
	0.010		mm= "C"				
	100 / 1.130						
	100						
	30						
						mm= "C"	

F.B. 4104 PG. 100 JOB NO. 030102

SURVEY OF

SURVEY BY Bondell 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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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. RANDALL
NOTES BY R. ANDERSON DATE 14-OCT.'70 WEATHER OVERCAST TIME 09:00 INST. NO. 75234
INDEXED DATE NOTES CHKD DATE ROD NO. 173A-B
F.B. 4104 PG. 101
T = 76°

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	152551	453 5	154 150 4	83108	384 5	110 56 54	54 M- 4 M= 50 M=0.20 mm
2	148300	449 5	150 146 4	217800	518 5	244 190 54	54 M- 4 M= 50 M=0.20 mm
	300851		8	300908		108 8	
	+			-0.40 mm		100	Curvature Corr.=0.40 mm
				300 868 300 851			
				- 0,17			T SIEMANN
			mm= "C"				
	1						
				- 0.001 mm = "C"			
				100 / 0.170			

F.B. 4104 PG. 102 | 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 ____
		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

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

SURVEY BY RANDALL WEATHER OVERCAST INST. NO 75234

NOTES BY SIEMANN DATE 10-15-70 TIME 9:15 TO 9:25 ROD NO 17134B

INDEXED DATE NOTES CHKD DATE

T = 64°

F.B. 4104 Pg. 103

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	150 269	451 5	152 148 4	145 519	446 5	172 118 54	54 M- 4 M= 50 M=0.20 mm
2	146 177	447 5	148 144 4	150 799	451 5	177 123 54	54 M- 4 M= 50 M=0.20 mm
	296446			296318		108	
	296278		8	-0.040 mm		- 8	Curvature Corr.=0.40 mm
	+ 168			296278		100	
	+ 0168 mm= "C"						
	100/168						
					mm= "C"		
				/			

F.B. 4104 PG. 104 JOB NO. 030102

SURVEY OF

SURVEY BY Randal 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

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

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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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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. Ramsdell WEATHER Overcast INST. NO. 73234
NOTES BY Waldemade DATE 10-16-70 TIME 9:10 ROD NO. 173 A&B
INDEXED DATE NOTES CHKD DATE

T-64°

F.B. 4104 Pg. 105

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	134 807	435 5	136 132 4	143 483	444 5	170 116 54	54M- 4 M=50 M=0.20mm
2	140 448	441 5	142 138 4	131 853	432 5	158 104 54	54M- 4 M=50 M=0.20 mm
	275 255		8	275 336		108	
	+			-0.040mm		8	Curvature Corr.=0.40mm
				275 296		100	
				275 255			
				- 0 041			
							T-Anderson
			mm= "C"				
	1						
				-0.004 mm= "C"			
				100 / 0.410			
				400			
				10			

F.B. 4104 PG. 106 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 ____
			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

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

SURVEY BY J. Randall WEATHER Sunny & Lt. Breeze INST. NO. 75234

NOTES BY Maldonado DATE 10-7-70 TIME 2:20 ROD NO. 1713 & 13

INDEXED DATE NOTES CHKD. RGR DATE 11-

T-76° F.B. 4104 PG. 107

STATION	BACKSIGHT RIGHT	MIC.	BACKSIGHT LEFT	MIC.	BACKSIGHT STADIA	FORESIGHT RIGHT	MIC.	FORESIGHT LEFT	MIC.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM BM 9-13 TO BM 9-11
BM 9-13					280					172	BM 9-13 (U.S.G.S. A-12 1923)
1	247 072		548	5	214 66	172 890		473	5	136 ½ 72	Palo Verde Ave. & Carson St. S.W. Cor.
					154					157	F.B. 3705-237
2	151 951		452	5	148 6	154 288		455	5	151 6	
					202 72					180 78	
3	165 619		466	5	128 74	147 553		448	5	114 66	
					188 146					198 144	
4	158 049		459	5	128 60	168 158		469	5	138 60	K-Rodriguez
					198 206		649			179 204	
5	160 610		461	5	122 76	14~~8~~ ~~173~~		442	5	~~94~~ 76	
					194 282					103 280	
6	161 768		462	5	128 66	141 438		442	5	173 109 64	
					180 348					182 344	
7	158 760		459	5	136 44	158 532		459	5	134 48	
					171 392					228 392	
8	152 560		453	5	133 38	210 189		511	5	192 36	
					430 ✓					428 ✓	
										430	
	1356 389 ✓					1294 697 ✓				858 ✓	
	1294 697										
	+ 61 692 ✓										
BM 9-11											BM 9-11 Palo Verde Ave. & Centralia St. F.B. 3705-235 N.E. Cor.

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F.B. 4104 PG. 108 JOB NO. 030102

SURVEY OF L.A.Co Precise Level Net

SURVEY BY Randall NOTES Maldonado 10-15-70

INDEXED DATE

WEATHER Overcast INST. NO. 7523

TIME 11:30 ROD NO. 7B A&

NOTES CHKD R&B DATE 11-19-70

T-68°

STATION	BACKSIGHT Right Mic.	Left.	Stadia	FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From BM 9-11 To BM 9-13
BM 9-11							BM 9-11
			241			181	Palo Verde Ave. & Centralia St.
1	208 702	509 5	175 66	148 302	449 5	115 66	F.B. 3705-235 N.E. Cor.
			180			205	
2	140 128	441 5	100 80	165 008	466 5	125 80	
			180 146			203 146	
3	147 019	448 5	114 66	169 910	470 5	135 68	
			206 212			190 214	
4	171 550	472 5	136 70	156 911	457 5	122 68	T-Rodriguez
			179 282			200 282	
5	149 560	450 5	119 60	169 100	470 5	138 62	
			198 342			172 344	
6	166 048	467 5	134 64	140 082	441 5	108 64	
			185 406			280 408	
7	174 139	475 5	163 22	269 761	570 5	258 22	
	+ 1157 146 ✓		428 ✓	1219 074 ✓		430 ✓	
				- 1157 146		428	
				- 61 928 ✓		858 ✓	
							BM 9-13 (U.S.C.&G.S. A-12 1923)
							Palo Verde Ave. & Carson St.
							F.B. 3705-237 S.W. Cor.
BM 9-13							

76P526B CE # 308 8/68

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 9-11 TO BM9-10
BM 9-11				238				163	BM 9-11
1	210	671	511 5	182 56	135	099	436 5	107 58	Palo Verde Ave. & Centralia St.
				210				178	F.B. 3705-235 N.E. Cor.
2	173	200	474 5	136 74	142	001	443 5	106 72	
				204 130				184 128	
3	168	842	469 5	132 72	147	428	448 5	110 74	
				204 202				167 202	
4	175	022	476 5	146 58	138	910	439 5	109 58	X-Rodriguez
				214 260				159 260	
5	181	788	482 5	148 66	125	442	426 5	91 68	
				198 326				191 328	
6	165	059	466 5	132 66	159	864	460 5	127 64	
				392 ✓				392 ✓	
								392	
+	1074	582 ✓			848	744 ✓		784 ✓	
−	848	744							
+	225	838 ✓							BM 9-10
BM 9-10									Palo Verde Ave. & Del Amo Blvd.
									F.B. 3705-233 S.W. Cor

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

SURVEY BY J. Rodriguez DATE 9-7-70 WEATHER Sunny & Calm TIME 8:00 INST. NO. 75234 ROD NO. 713 A&B

NOTES BY Mazlowski

INDEXED DATE NOTES CHKD F.B. DATE 11-14-70

T-76°

F.B. 4104 PG. 109

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F.B. 4104 PG. 110 | JOB NO. 0301.02 | SURVEY OF LAC. Precise Level | SURVEY BY Randall NOTES Maldonado 10-15-70 | INDEXED ____ DATE ____

WEATHER Overcast | INST. NO. 7523 | TIME 10:55 | ROD NO. 7134 | NOTES CHKD. R.G.B. | DATE 10-15-70

T-68°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 9-10 TO BM 9-11
BM 9-10									BM 9-10
				171				223	Del Amo Blvd. & Palo Verde Ave.
1	171	248	472 5	136 ½ 70	186	159	487 5	149 74	F.B. 3705-233 S.W. Cor.
				164				214	
2	130	440	431 5	96 68	180	820	481 5	146 68	
				169 138				215 142	
3	141	321	442 5	113 56	188	908	489 5	161 54	
				192 194				200 196	X-Rodriguez
4	157	211	458 5	122 70	167	092	468 5	134 66	
				176 264				202 262	
5	147	601	448 5	118 58	171	300	472 5	140 62	
				176 322				255 324	
6	142	573	443 5	108 68	221	940	522 5	~~154~~ 187 ~~74~~ 98	
	+ 890	394 ✓		390 ✓	1116	219 ✓		398	
					+ 890	394		392 ✓	
								390	
					- 225	825 ✓		782 ✓	
BM 9-11									BM 9-11
									Palo Verde Ave. & Centralia St. N.E. Cor.
									F.B. 3705-235

76P526B CE # 308 8/68

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

SURVEY BY Rendall WEATHER Hazy INST. NO. 22234

NOTES BY Rodriguez DATE 10-8-70 TIME 9:20 ROD NO. 73 BB

INDEXED DATE NOTES CHKD. R.B. DATE 11-9-70

F.B. 4104 PG. 111

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 9-10 TO BM 9-10A
BM 9-10							BM 9-10 DEL AMO & Palo Verde N.W COR
1	185 750	486 5	195 175 20	163 745	464 5	175 151 24	F.B 3705-233
2	178 347	479 5	182 174 08	167 920	468 5	168 166 04	T SIEMANN
			28 ✓			28 ✓	
B.M.9-10A +	364 097 ✓			331 665 ✓		28	
-	331 665					56 ✓	
+	32 432 ✓						
							BM 9-10A Del Amo @ Palo-Verde S.W.Cor. F.B. 3705-233

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F.B. 4104 PG. 112 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES Maldonado 10-15-70

INDEXED DATE

WEATHER Overcast INST. NO 75-23

TIME 10:40 ROD NO 713A-1

NOTES CHKD RB DATE 11-4-70

T-66°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM9-10A TO BM9-10
BM9-10A									BM 9-10A
				171				204	Del Amo Blvd. & Palo Verde
1	159	928	460 5	147 24	192	340	493 5	180 24	Ave. S.W. Cor.
					159	928		24	F.B. 3705-233
					-32412 ✓			48 ✓	
									T-Siemann
									BM 9-10
BM 9-10									Del Amo Blvd. & Palo
									Verde Ave. N.W. Cor.
									F.B. 3705-233

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			FORESIGHT			DESCRIPTION AND REMARKS
BM 9-10A	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 9-10A TO BM 33-1
1	136 728	437 5	166 106 60	177 050	478 5	208 146 62	BM 9-10 A
							DEL AMO & Palo Verde AV.
2	176 798	477 5	207 145 62	147 392	448 5	178 116 62	SW. COR
			122			124	F.B. 3705-233
3	170 360	471 5	205 135 70	171 670	472 5	205 137 68	
			192			192	
4	133 699	434 5	170 96 74	139 142	440 5	174 104 70	T SIEMANN
			266			262	
5	178 911	479 5	211 145 66	135 207	436 5	170 100 70	
			332			332	
6	176 708	477 5	207 145 62	207 962	508 5	239 175 64	
	+ 973 204 ✓		394	978 423 ✓		396 ✓	
				− 973 204		394	
				5219 ✓		790 ✓	
BM 33-1							BM 33-1
							DEL AMO & WOODRUFF AV.
							~~S.E. COR~~ & INT.
							F.B 3705-249 & 163

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

SURVEY BY Randall WEATHER Clear INST. NO. 75239

NOTES BY Rodriguez DATE 10-8-70 TIME 9:30 ROD NO. 113AB

INDEXED DATE NOTES CHKD DATE

T-80

F.B. 4104 PG. 113

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4104 Pg. 114 | JOB NO. 0301.02

SURVEY OF L.A. Precise Level Net

SURVEY BY Pancal/Maldonado 10-15-70

INDEXED _____ DATE _____

WEATHER Overcast INST. NO. 5223

TIME 10:15 ROD NO. 713A-2

NOTES CHKD. R.B. DATE 11-19-70

T-660

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 33-1 TO B.M. 9-10A
BM 33-1									BM 33-1
				260				239	Del Amo Blvd. & Woodruff
1	221	950	522 5	182 78	200	638	501 5	161 78	Ave. 1 & Int.
				163				215	F.B. 3705-249 & 163
2	113	096	414 5	63 100	164	340	465 5	113 102	
				227 178				221 180	
3	176	192	477 5	125 102	170	974	471 5	119 102	
				198 280				167 282	
4	143	770	444 5	88 110	113	747	414 5	59 108	T-Siemann
	+ 655	008 ✓		390	649	699 ✓		390 ✓	
	- 649	699						390	
	+ 5	309 ✓						780 ✓	
BM 9-10A									BM 9-10A
									Del Amo Blvd. & Palo Verde
									Ave. S.W. Cor.
									F.B. 3705-233

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.

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
BM 33-1							FROM BM 33-1 TO BM 33-2
1	238 840	539 5	263 213 50	146 640	447 5	171 121 50	BM 33-1
							DEL AMO & WOODRUFF AV
2	161 757	462 5	200 122 78	133 746	434 5	171 95 76	~~S.E. COR~~ E. INT
			128			124	F.B. 3705 - 249 & ~~163~~
3	170 249	471 5	208 132 76	146 384	447 5	184 108 76	
			204			202	T SIEMANN
4	169 812	470 5	208 130 78	145 722	446 5	185 105 80	
			282			282	
5	173 460	474 5	208 138 70	175 401	476 5	211 139 72	
			352			354	
6	147 191	448 5	182 112 70	198 635	499 5	233 163 70	
	+ 1061 309 ✓		422 ✓	946 528 ✓		424 ✓	
	- 946 528					~~424~~	BM 33-2
	+ 114 781 ✓					~~848~~	DEL AMO BLVD & BELLFLOWER
						422	BLVD. ON E. ~~INT.~~
B.M. 33-2						846	F.B. 3705 - 251 & ~~164~~

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

SURVEY BY Randall

NOTES BY Rodriguez R. DATE 10-8-70 TIME 10:00 WEATHER Haze INST. NO. ~~3234~~

INDEXED DATE NOTES CHKD DATE ROD NO. 178 148

T = 80°

F.B. 4104 PG. 115

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4104 PG. 116 | JOB NO. 3301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Pamela / NOTES Maldonado 10-15-70 DATE

INDEXED

T-64°

WEATHER Overcast INST. NO. 7523

TIME 9:50 ROD NO. 1/134

NOTES CHKD DATE

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From BM 33-2 To BM 33-1
BM 33-2			236			193	BM 33-2
1	203 357	504 5	170 66	161 822	462 5	129 64	Del Amo Blvd. & Bellflower
			214			223	Blvd. So. of & Int.
2	168 358	469 5	122 92	177 458	478 5	131 92	F.B. 3705-251 & 164
			195 158			216 756	
3	144 295	445 5	93 102	164 859	465 5	112 104	
			174 260			217 260	
4	134 161	435 5	94 80	178 662	479 5	139 78	
			189 340			188 338	
5	162 908	463 5	135 54	162 709	463 5	136 52	T-Siemann
			146 394			231 390	
6	141 141	442 5	136 10	224 078	525 5	217 24	
	+ 954 220 ✓		404	1069 588 ✓		404 ✓	
				+ 954 220		404	
				115 368 ✓		808 ✓	
BM 33-1							BM 33-1
							Del Amo Blvd. & Woodruff
							Ave. & Int.
							F.B. 3705-249 & 163

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					FORESIGHT					DESCRIPTION AND REMARKS
BM33-1	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM BM33-1 TO BM33-2
1	242	172	543	5	269 215 54	148	811	449	5	174 122 52	BM 33-1 DEL AMO & WOODRUFF AV.
2	176	730	477	5	216 138 76	146	455	447	5	183 109 74	E INT.
3	170	780	471	5	210 130 80	146	862	447	5	186 106 80	F.B 3705-299 & ~~163~~
4	167	199	468	5	187 137 60	147	590	448	5	179 115 64	TT SIEMONN
5	170	671	471	5	212 128 84	167	291	468	5	209 125 84	RERUN
6	156	491	457	5	189 123 66	211	820	512	5	245 177 68	
	+ 1084	043	✓		130 210 80 / 210 270 60 / 212 128 84 / 354 189 123 66 / 420	968	829	✓		126 / 206 179 115 64 / 270 209 125 84 / 354 245 177 68 / 422 ✓	
	- 968	829								420	
	+ 115	214	✓							842 ✓	
BM33-2											BM 33-2 DEL AMO & BELLFLOWER BLVD ON E F.B 3705-251 & ~~164~~

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

SURVEY BY J. Randall DATE 10-15-70 WEATHER 70°F INST. NO 75234

NOTES BY RODRIGUEZ TIME 1:20 ROD NO 1713A&B

INDEXED DATE NOTES CHKD DATE DATE

F.B. 4104 PG. 117

F.B. 4104 Pg. 118 | JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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 Randall WEATHER Hazy INST. NO. 75234

NOTES BY SIEMANN DATE 10-8-70 TIME 10:30 TO 11:00 ROD NO. 17131 KB

INDEXED DATE NOTES CHKD RGR DATE 11-18-70

T = 84°

F.B. 4104 PG. 119

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
BM 33-2							From BM 33-2 To BM 33-2A
1	186 848	487 5	213 157 58	162 425	463 5	170 134 56	BM 33-2
2	137 684	438 5	174 100 74	159 214	460 5	194 124 70	Del Amo Blvd & Bellflower Blvd ~~E Ent.~~
3	134 903	435 5	70 98 72 132 204	166 240	467 5	204 128 76 126 202	F.B. 3705-251 & ~~104~~
4	140 349	441 5	178 102 76 280	187 985	488 5	225 149 76 278	π MALDONADO
5	162 535	463 5	193 131 62 342 ✓	113 233	414 5	145 81 64 342 ✓ 342	
B.M. 33-2A							B.M. 33-2A
	+ 762 319 ✓			− 789 097 ✓		684	DEL AMO BLVD. & BR.# 936. 480
				+ 762 319			FT. EAST OF CLARK AVE.
				− 26 778 ✓			SEE F.B. 3705-253

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4104 Pg. 120 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVELNET

SURVEY BY RANDALL NOTES SIEMANN 10-15-70

INDEXED DATE

WEATHER OVERCAST INST. NO. 75231

TIME 9:25 TO 9:50 ROD NO. 171348

NOTES CHKD KB DATE

T = 64°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From B.M. 33-2A To B.M. 33-2
B.M. 33-2A									B.M. 33-2A
1	119	301	420	5	132	113	433	5	DEL AMO BLVD. & BR. # 936.
				162 76 86				174 90 84	480 FT. E. OF CLARK AVE.
2	177	872	478	5	142	348	443	5	SEE F.B. # 3705-253
				214 140 74				179 105 74	
3	159	972	460	5	151	128	452	5	
				198 120 78 160				195 107 88 158	
4	164	365	465	5	143	352	444	5	
				192 136 56 238				168 118 50 246	
5	155	440	456	5	149	746	450	5	T: MALDONADO
				168 142 26 294				160 138 22 296	
6	143	743	444	5	175	342	476	5	
				152 134 18 320				184 166 18 318	
				338 ✓				336 ✓	
B.M. 33-2								338	B.M. 33-2
	+	920 693 ✓			−	894 019 ✓		674	DEL AMO BLVD. & BELLFLOWER
	−	894 019							BLVD. SEE F.B. 3705-251 & 164
	+	26 674 ✓							

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. 33-2A TO B.M. 32-7B
B.M.33-2A							B.M.33-2A
1	119 373	420 5	144 94 50	121 830	422 5	146 96 50	DEL AMO BLVD. & BR.# 936
							480 FT. EAST OF CLARK AVE.
2	150 745	451 5	156 144 12	167 079	4685	173 161 12	SEE F.B. 3705-253
						62 ✓	
B.M.32-7B			62 ✓			62	T: MALDONADO
+	270 118 ✓			- 288 909 ✓		124 ✓	
				+ 270 118			B.M.32-7B
				- 18 791 ✓			DEL AMO BLVD. & CLARK AVE.
							SEE F.B. 2826-8

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

SURVEY BY W.J. RANDALL WEATHER LT. HAZE INST. NO. 75234

NOTES BY SIEMANN DATE 10-8-70 TIME 11:00 TO 11:05 ROD NO. 1713 A&B

INDEXED DATE NOTES CHKD RGB DATE 11-19-70

F.B. 4104 PG. 121

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 32-7B TO B.M. 33-2A
B.M. 32-7B				179				187	B.M. 32-7B
1	159	731	460 5	139 40	166	368	467 5	145 42	DEL AMO BLVD. & CLARK AVE.
				182				157	F.B. 2826-8
2	172	650	473 5	162 20	147	304	448 5	137 20	T SIEMANN
B.M. 33-2A				60 ✓				62	B.M. 33-2A
								60	DEL AMO BLVD. & BR. # 936
	+332	381 ✓			313	672 ✓		122 ✓	480' E. OF CLARK AVE.
	-313	672							F.B. 3705-253
	+ 18	709 ✓							

T = 720

F.B. 4104 PG. 122 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY ANDREW NOTES ANDERSON DATE: 14-OCT, 1970

INDEXED DATE

WEATHER CLEAR & CALM INST. NO. 75234

TIME 15:00 ROD NO. 17342

NOTES CHKD R.B. DATE 11-4-70

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY RANDALL WEATHER LT. HAZE INST. NO. 75234

NOTES BY SIEMANN DATE 10-8-70 TIME 11:05 TO 11:10 ROD NO. 1713+18

INDEXED DATE NOTES CHKD. R-8 DATE 11-1

T = 84°

F.B. 4104 PG. 123

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 32-7B TO B.M. 32-7A
B.M. 32-7B							B.M. 32-7B
1	185 102	486 5	197 185 24	185 199	486 5	198 172 26	DEL AMO BLVD. & CLARK AVE.
							SEE F.B. 2826 - 8
2	184 310	485 5	196 172 24	184 328	485 5	196 172 24	
			48			50	T = MALDONADO
B.M. 32-7A						48	
	369412			369527		98	B.M. 32-7A
				369412			DEL AMO BLVD. & CLARK AVE. N.W. COR
				0.115			SEE F.B. 2826 - 7

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4104 PG. 124 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES SIEMANN 10-8-70

INDEXED DATE

T = 84°

WEATHER LT. HAZE INST. NO. 75234

TIME 11:10 TO 11:15 ROD NO. 1713

NOTES CHKD RGB DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 32-7A TO B.M. 32-7B
B.M. 32-7A									B.M. 32-7A
1	186	196	487	5 199 173 26	160	259	461	5 172 148 24	DEL AMO BLVD. & CLARK AVE.
									SEE F.B. 2826-7
2	180	983	481	186 174 12	206	802	507	5 212 200 12	
				38				36 ✓	T = MALDONADO
B.M. 32-7B								38	
	367	179 ✓			367	061 ✓		74	B.M. 32-7B
	367	061							DEL AMO BLVD. & CLARK AVE.
	+ 0	118 ✓							SEE F.B. 2826-8

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDALL
NOTES BY SIEMANN
DATE 10-8-70
WEATHER LT. HAZE
TIME 11:25 TO 12:10
INST. NO. 75234
ROD NO. 17135 & 6
INDEXED
DATE
NOTES CHKD. RGB
DATE 11-19-70
T = 86°
F.B. 4104 PG. 125

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 32-7A TO B.M. 33-3
B.M. 32-7A							B.M. 32-7A
1	169 260	470 5	190 & 169 42	168 279	469 5	190 146 44	DEL AMO BLVD. & CLARK AVE.
							SEE F.B. 2826-8
2	138 598	439 5	174 102 72	131 247	432 5	167 95 72	
			114			116	
3	173 759	474 5	207 139 68	162 088	463 5	195 129 66	
			182			182	
4	158 947	459 5	193 123 70	172 032	473 5	207 137 70	π = MALDONADO
			252			252	
5	137 897	438 5	173 101 72	154 185	456 5	189 121 68	
			324			320	
6	164 213	465 5	188 140 48	121 116	422 5	147 95 52	
			372			372	
7	161 914	462 5	182 140 42	148 902	449 5	170 126 44	
			414			416	
8	151 912	452 5	154 148 6	162 629	463 5	165 159 6	
			420 ✓			422 ✓	
						420	B.M. 33-3
B.M. 33-3						842	DEL AMO BLVD. & LAKEWOOD BLVD.
							SEE F.B. 3705-255
+	1256 500 ✓			1221 478 ✓			
-	1221 478						
+	35 022 ✓						

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4104 PG. 126 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES SIEMANN 10-14-70

INDEXED DATE

WEATHER OVERCAST INST. NO. 75234

TIME 14:25 ROD NO. 17134 ED

NOTES CHKD. RCB DATE 11-9-70

T = 70°

STATION	BACKSIGHT Right	Mic.	Left	Stadia			FORESIGHT Right	Mic.	Left	Stadia			DESCRIPTION AND REMARKS
													From B.M. 33-3 To B.M. 32-7A
B.M. 33-3													B.M. 33-3
				199						228			
1	177	102	478	5 155	44		204	858	505	5 180	48		DEL AMO BL. & LAKEWOOD BL.
				187						200			F.B. 3705-255
2	151	356	452	5 115	72		165	312	466	5 130	70		
				214	116					192	118		
3	178	526	479	5 142	72		157	047	458	5 122	70		
				213	188					228	188		
4	177	363	478	5 141	72		194	925	495	5 160	68		T SIEMANN
				187	260					218	256		
5	151	574	452	5 115	72		179	270	480	5 140	78		
				204	332					156	334		
6	169	090	470	5 134	70		121	570	422	5 86	70		
				189	402					206	404		
7	180	609	481	5 171	18		197	829	498	5 188	18		
	+1185	626 ✓			420		+1220	811 ✓			422 ✓		
B.M. 32-7A							+1185	626			420		B.M. 32-7A
							35	185 ✓			842 ✓		DEL AMO BLVD. & CLARK AVE.
													F.B. 2826-8

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY J. Randall WEATHER Sunny & Clear INST. NO. 75234

NOTES BY Maldonado DATE 10-8-70 TIME 1:30 ROD NO. 1713 & B

INDEXED DATE NOTES CHKD RGC DATE 11-19-70

T-90°

F.B. 4104 PG. 127

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 33-3 TO BM 33-3A
BM33-3							BM33-3
			164			161	Del Amo Blvd. & Lakewood Blvd.
1 +	162 828	463 5	160 4	159 732	460 5	157 +	See F.B. 3705-255
-	159 732					4	
+	3.096 ✓					8 ✓	
							T-Rodriguez
							BM33-3A
BM33-3A							Del Amo Blvd. & Lakewood Blvd.
							F.B. 3705-~~253~~ 255

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM BM 33-3A TO BM 33-3
BM 33-3A									BM 33-3A Del Amo Blvd. & Lakewood. Blvd. F.B. 3705-~~253~~ 255
1	159 071	460 5	161 157	4	162 141 159 071 - 3 070 ✓	463 5	165 ~~160~~ 159	6 4 10 ✓	
									T-Rodriguez
BM 33-3									BM 33-3 Del Amo Blvd. & Lakewood Blvd. F.B. 3705-255

T-90°

WEATHER Sunny & Clear INST. NO. 75234

TIME 1:35 ROD NO. 713A&B

NOTES CHKD RGB DATE 11-19-70

F.B. 4104 PG. 128 JOB NO. 03-0102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Maldonado 10-8-70

INDEXED _____ DATE _____

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. Ramdell
NOTES BY Maldonado DATE 10-8-70 WEATHER Sunny & Clear INST. NO. 73234
TIME 1:40 ROD NO. 7134 & B
INDEXED DATE NOTES CHKD R & B DATE 11-19-70
F.B. 4104 PG. 129

T-90°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 33-3A TO BM 33-4
BM 33-3A							BM 33-3A Del Amo Blvd. & Lakewood Blvd.
1	154 ~~137~~ 102	455 5	186 122 64	168 925	469 5	199 137 62	F.B. 3705-~~253~~ 255
2	147 898	448 5	180 114 66	182 318	483 5	215 149 66	
3	141 520	442 5	182 130 100 82	143 301	444 5	184 128 102 82	T-Rodriguez
4	176 712	477 5	212 212 140 72	148 099	449 5	185 210 111 74	
5	149 382	450 5	178 284 120 58	172 878	473 5	201 284 143 58	
6	205 750	506 5	235 342 175 60	163 357	464 5	193 342 133 60	
7	115 702	416 5	138 402 92 46	174 899	475 5	195 402 153 ~~42~~ 38	
			448 ✓			444 ✓	
						448	
	+ 1091 066 ✓			− 1153 777 ✓		892 ✓	
				+ 1091 066			
				− 62 711 ✓			
BM 33-4							BM 33-4 Del Amo Blvd. & Downey Ave. F.B. 1353-166 Near S.W. Cor. E. End Parkway

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F.B. 4104 PG. 130 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES SIEMANN 10-14-70

INDEXED _____ DATE _____

WEATHER OVERCAST INST. NO. 75234

TIME 1:45 TO 2:20 ROD NO. 1713 AB

NOTES CHKD R&B DATE 11-19-70

T = 70°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.B. 33-4 TO B.M. 33-3A
B.M. 33-4									B.M. 33-4
1	171 792		4725	224 118 106	123788		4245	174 72 102	DELAMO BLVD. & DOWNEY AVE.
									SEE F.B. 1353-166
2	147 610		4485	185 109 76	122461		4235	159 85 74	
				182					
3	110 188		4115	149 71 78	159393		4605	201 117 84	
				260				176	
4	135 080		4365	174 96 78	126 470		4275	164 88 76	T = ANDERSON
				338				260	
5	153342		4545	186 120 66	110 068		4115	142 78 64	
				404				336	
6	138 450		4395	143 133 10	143 550		4445	146 140 6	
				414				400	
7	140 830		4415	141 139 2	148693		4495	153 143 10	
				416 ✓				416 ✓	
B.M. 33-3A +								416	B.M. 33-3A
+	997 292 ✓				- 934 423 ✓			832	DELAMO BLVD. & LAKEWOOD BLVD.
-	934 423								SEE F.B. 3705-255
+	62869 ✓								

76P526B CE # 308 8/68

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

SURVEY BY J. Randall

NOTES BY Maldonado DATE 10-8-70 TIME 2:20 WEATHER Sunny 78°

INDEXED DATE NOTES CHKD RG-B DATE 11-13-70 ROD NO. 1713 A&B INST. NO. 75-234

F.B. 4104 Pg. 131

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From BM 33-4 To BM 33-5A
BM 33-4							BM 33-4
			210			180	Del Amo Blvd. & Downey Ave. S.W. Cor
1	181 040	482 5	152 58	151 288	452 5	122 58	F.B. 1353-166
			200			175	
2	168 220	469 5	136 64	144 651	445 5	113 62	
			173 122			187 120	
3	143 091	444 5	113 60	157 208	458 5	127 60	T-Rodriguez
			196 182			184 180	
4	162 382	463 5	128 68	150 308	451 5	116 68	
			199 250			184 248	
5	165 701	466 5	131 68	150 011	451 5	116 68	
			189 318			189 316	
6	160 571	461 5	131 58	160 511	461 5	131 58	
			164 376	147 192	448 5	169 374	
7	141 510	442 5	118 46	~~154 900~~	~~455~~	125 44	
			187 422			418	
8	164 018	465 5	141 46	185 338	486 5	240 159 50	
			468 ✓			160 468 ✓	
	+ 1286 533 ✓			+ 1246 507 ✓		468	
	1246 507					936 ✓	
BM 33-5A	+ 40 026 ✓						BM 33-5A
							Del Amo Blvd. & Paramount Blvd.
							F.B. 3705-259 S.W. Cor.

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F.B. 4104 PG. 132 | JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDHL NOTES SIEMANN 10-14-70

INDEXED ____ DATE ____

WEATHER OVERCAST INST. NO. 75234

TIME 1:15 TO 1:45 ROD NO. 17138

NOTES CHKD. RGB DATE 11-19-70

T = 72°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 33-5A TO B.M. 33-4
B.M. 33-5A							B.M. 33-5A
1	159 631	460 5	191 127 64	125 134	426 5	157 93 64	DEL AMO BLVD. & PARAMOUNT BLVD. SEE F.B. 3705-259
2	143 762	444 5	187 99 88	150 459	451 5	193 107 86	
3	132 022	433 5	169 152 95 54	150 462	451 5	187 150 113 74	
4	139 860	440 5	177 226 101 76	132 982	432 5	169 224 93 76	T = ANDERSON
5	123 451	424 5	164 302 82 82	150 762	451 5	192 300 108 84	
6	142 375	443 5	157 384 127 30	172 202	473 5	187 384 157 30	
			414 ✓			414 ✓	
B.M. 33-4						414	B.M. 33-4
	+ 841 101 ✓			− 881 001 ✓		828 ✓	DEL AMO BLVD. & DOWNEY AVE. SEE F.B. 1353-166
				+ 841 101			
				− 39 900 ✓			

76P526B CE # 308 8/68

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

SURVEY BY J. Randall DATE 10-13-70 WEATHER Overcast INST. NO. 75234

NOTES BY Maldonado TIME 9:20 ROD NO. 713 A&B

INDEXED DATE NOTES CHKD. RGB DATE 11-

F.B. 4104 PG. 133

T-68°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 33-5A TO BM-33-7
BM 33-5A			197			159	BM 33-5A
1	164 572	465 s	131 66	126 448	427 s	93 66	Paramount Blvd. & Del Amo
			146			133	Blvd. S.W. Cor.
2	116 920	417 s	86 60	103 142	404 s	73 60	F.B. 3705-259
			252 126			40 126	
3	218 357	519 s	184 68	7 270	308 s	7½ 66	
			203 194			221 192	
4	170 722	471 s	137 66	188 717	489 s	155 66	
			183 260			156 258	T-Anderson
5	150 646	451 s	117 66	123 937	424 s	90 66	
			172 326			213 324	
6	138 242	439 s	104 68	179 541	480 s	145 68	
			156 394			199 392	
7	154 175	455 s	152 4	197 702	498 s	195 4	
			398			396 ✓	
	+ 111 634 ✓			- 926 757 ✓		398	
BM 33-7	- 926 757					794	BM 33-7 (L.A.C.T.S. CLEARWATER
	+ 186 877 ✓						D-7 1938)
							Del Amo Blvd. & Cherry Ave.
							F.B. 3705-261 N.W. Cor.

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F.B. 4104 PG. 134 | JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY RANDALL NOTES SIEMANN 10-14-70 DATE

INDEXED

T = 78

WEATHER OVERCAST INST. NO. 75234

TIME 11:30 TO 12:00 ROD NO. 17348

NOTES CHKD RGB DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 33-7 TO B.M. 33-5A
B.M. 33-7									B.M. 33-7 (CLEARWATER D-7)
1	229667		5305	278 180 98	142223		4435	191 93 98	DEL AMO BLVD. & CHERRY AVE.
									SEE F.B. 3705-261
2	122900		4235	155 89 66	119841		4205	152 86 65	
				164				163	
3	172158		4735	208 136 72	251500		5525	287 215 72	
				236				~~256~~	
4	54932		3555	79 29 50	191660		4925	216 166 50	T = ANDERSON
				286				~~286~~	
5	116121		4175	154 78 76	168372		4695	207 129 78	
				362				~~364~~	
6	146119		4475	163 129 34	155282		4565	171 139 32	
				396				395 ~~396~~	
B.M. 33-5A								396	B.M. 33-5A
	+ 841897				- 1028878			~~792~~	DEL AMO BLVD. & PARAMOUNT BLVD.
					+ 841897			791	SEE F.B. 3705-259
					- 186981				

76P526B CE # 308 8/68

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

SURVEY BY J. Randall WEATHER Overcast INST. NO. 75234

NOTES BY Maldonado DATE 10-13-70 TIME 10:00 ROD NO. 1713A68

INDEXED DATE NOTES CHKD. RGB DATE 11-18-70

T-70°

F.B. 4104 PG. 135

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM33-7 TO BM33-8
BM33-7							BM33-7 (L.A.C.T.S. CLEARWATER D-7, 1938)
			278			159	
1	251 694	552 5	224 54	132 688	433 5	105 54	Del Amo Blvd. & Cherry Ave.
			194			160	F.B. 3705-261 N.W. Cor.
2	159 780	460 5	124 70	126 408	427 5	92 68	
			199 124			160 122	
3	162 622	463 5	125 74	123 498	424 5	86 74	
			193 198			170 196	
4	159 484	460 5	125 68	136 848	437 5	102 68	T-Anderson
			182 266			169 269	
5	151 590	452 5	120 62	137 403	438 5	105 64	
			185 328			172 328	
6	152 528	453 5	119 66	139 487	440 5	106 66	
			149 394			167 399	
7	131 220	432 5	113 36	149 398	450 5	131 36	
			138 430			175 430	
8	135 228	436 5	132 6	172 130	473 5	169 ~~430~~ 6	
	+ 1304 146 ✓		436	1117 860 ✓		436 ✓	
	- 1117 860					436	
	+ 186 286 ✓					872 ✓	
	(286)						
BM33-8							BM33-8
							Del Amo Blvd. & Orange Ave.
							F.B. 1353-169 N.E. Cor.

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F.B. 4104 PG. 136 JOB NO 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY RANDY + NOTES SIEMANN 10-14-70

INDEXED DATE

WEATHER OVERCAST INST. NO 15234

TIME 10:45 TO 11:25 ROD NO 17134L

NOTES CHKD DATE 11-19-70

T = 70

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 33-8 TO B.M. 33-7
B.M. 33-8									B.M 33-8
1	204	163	505 5	246 162 84	154	682	455 5	196 112 84	DEL AMO BLVD. & ORANGE AVE.
									SEE F.B. 1353-169
2	128	877	429 5	166 90 76 160	146	582	447 5	183 109 74 158	
3	133	255	434 5	171 95 76 236	158	471	459 5	195 121 74 232	
4	116	242	417 5	155 77 78 314	155	937	456 5	193 117 76 308	T = ANDERSON
5	118	984	419 5	151 85 66 380	151	761	452 5	187 115 72 380	
6	128	812	429 5	156 100 56 436 ✓	249	762	550 5	277 221 56 436	
B.M. 33-7								436	B.M. 33-7 (CLEARWATER D-7)
	+ 830	333 ✓			- 1017	195 ✓		872	DEL AMO BLVD. & CHERRY AVE.
					+ 830	333			SEE F.B. 3705-261
					- 186	862 ✓			

F.B. 4104 PG. 137

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 _____
									BLANK
									See Over

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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76P526B CE # 308 8/68

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REBUN

T = 76° 64°

WEATHER HAZE INST. NO. 75234

TIME 3:00 9:20 ROD NO. 12B

NOTES CHKD. RGB DATE 11-14-70

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
BM 33-8							From BM 33-8 To BM 33-7
1	199 652	500 5	236 162 74	148 127	449 5	184 112 72	BM 33-8
2	129 758	430 5	167 91 76	146 770	447 5	184 108 76	Del Amo Blvd. & Orange Av. F.B 1353-169
3	129 862	430 5	167 91 76	151 852	452 5	190 112 78	T Anderson
4	118 662	419 5	152 84 68	157 363	458 5	191 123 68	REBUN
5	126 323	427 5	163 89 74	164 349	465 5	201 127 74	
6	144 272	445 5	178 110 68	266 530	567 5	300 232 68	
			436 ✓			436 ✓	
						436	
	848 529 ✓			1034991 ✓		872 ✓	
				848 529			
				186462 ✓			
BM 33-7							BM 33-7 (CLEARWATER D.7) Del Amo Blvd & Cherry Ave. See F.B. 3705-261

F.B. 4104 PG. 138 JOB NO. 0301.07

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Maldonado 10-16-70

INDEXED DATE

76P526B CE # 308 8/68

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

SURVEY BY Randall J. Randall WEATHER Overcast INST. NO 75234

NOTES BY Rodriguez DATE 10-13-70 TIME 10:45 ROD NO 1713 AEB

INDEXED DATE NOTES CHKD RLB DATE 11-19-70

T-70

F.B. 4104 PG. 139

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM 33-8 To BM 33-9
BM 33-8													BM 33-8
1	202	869	503	5	231 173	58	139	690	440	5	168 110	58	Del Amo Blvd. & Orange Ave.
													F.B. 1353-169 N.E. Cor.
2	149	548	450	5	183 115	68	132	522	433	5	166 98	68	
						126						126	
3	179	607	480	5	213 145	68	151	601	452	5	185 117	68	T Maldonado
						194						194	
4	178	692	479	5	214 142	72	140	809	441	5	176 104	72	
						266						266	
5	134	245	435	5	168 100	68	191	424	492	5	225 157	68	
						334						334	
6	55	562	356	5	89 21	68	213	213	514	5	246 180	66	
						402						400	
7	219	009	520	5	229 209	20	26	426	327	5	38 14	24	
						422						424	
8	88	237	389	5	110 66	44	82	683	383	5	82 41	42	
BM 33-9						466						466	BM 33-9 (USC&GS) (CC-789)
	+ 1207 769											466	ATLANTIC AV. @ UNION
	+ ~~1086 769~~											932	Pacific Rail Road Co.
	- 1078 368						- 1078 368						Bridge.
	~~8 401~~												F.B. 1353-170
	+ 129 401												

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F.B. 4104 Pg. 140 JOB NO. 0301.02

SURVEY OF L. A. Co. Precise Level Net

SURVEY BY RANDALL NOTES ANDERSON DATE 14-Oct.-70

INDEXED DATE

WEATHER OVERCAST/CALM INST. NO 75239

TIME 10:05 ROD NO 1713 B

NOTES CHKD RGD DATE

T - 70°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From B.M. 33-9 To B.M. 33-8
B.M. 33-9			34			187	B.M. 33-9
1	15 999	316 5	15 1/2 38	168 495	469 5	149 38	Atlantic Ave. & Union Pacific
			248			150	R.R. Bridge
2	206 093	507 5	164 84	108 860	409 5	66 84	F.B. 1353-170
			262 122			202 122	
3	221 179	522 5	180 82	159 000	460 5	116 86	
			194 204			225 208	T Siemann
4	153 570	454 5	112 82	185 075	486 5	145 80	
			197 286	147		198 288	
5	148 020	449 5	99 98	140 816	448 5	96 102	
			137 384			239 390	
6	93 318	394 5	49 88	198 799	499 5	157 82	
+	838 179 ✓		472 ✓	968 045 ✓		472 ✓	
				+ 838 179		472	
				129 866 ✓		944 ✓	
B.M. 33-8							B.M. 33-8
							Del Amo Blvd. & Orangeline
							N.E. Cor.
							F.B. 1353-169

76P526B CE # 308 8/68

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RERUN

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

SURVEY BY Randall NOTES BY Rodriguez DATE 10-16-70 WEATHER Overcast INST. NO 75234

TIME 10:20 ROD NO 1713 1118

INDEXED DATE NOTES CHKD RLB DATE 11-17-70

T=70°

F.B. 4104 Pg. 141

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM33-8	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM33-8 TO BM33-9
1	206	560	507 5	247 165 82	103	675	404 5	144 62 82	BM 33-8
2	168	548	469 5	207 129 78	177	542	478 5	218 136 82	Del Amo Blvd & Orange Av. F.B. 1353 · 169 NE. COR
3	16~~2~~ 3	693	46~~3~~ 4 5	202 124 78 160	133	200	434 5	172 ~~194~~ 78 164	T Maldonado RERUN
4	164	360	465 5	203 125 78 238	166	550	467 5	203 129 74 242	
5	81	328	382 5	112 50 62 316	236	489	537 5	266 206 60 316	
6	173	979	474 5	180 166 14 378	27	413	328 5	35 19 16 376	
7	162	353	463 5	174 150 24 392	191	318	492 5	204 178 26 398	
8	102	657	403 5	119 85 34 416	95	633	396 5	112 78 34 418	
9	199	870	500 5	212 186 26 450				452	
	+ 1423	348	✓	476	161	951	462 5	5 173 149 24	
	- 1293	771			- 1293	771 ✓		476 ✓	BM 33-9
	+ 129	577 ✓						476	ATLANTIC Blvd @ UNION
BM 33-9								952 ✓	Pacific R.R. bridge F.B 1353 - 170

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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RERUN

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM33-9									From BM33-9 To BM33-8
1	70	850	371 5	44 52	89	78	390 5	62 54	BM33-9
2	41	206	342 5	32 18	166	882	467 5	158 16	ALANTIC AV. & UNION Pacific R.R. Bridge
3	210	443	511 5	184 52	90	498	391 5	67 46	F.B 1353-170
4	181	199	482 5	148 66	157	918	458 5	121 72	T Madonado RERUN
5	140	613	441 5	106 68	162	768	463 5	129 64	
6	139	772	440 5	106 66	166	700	467 5	132 68	
7	135	537	436 5	105 60	164	811	465 5	134 60	BM33-8 Del AMO Blvd & Orange AV. N.E. COR
8	138	798	439 5	106 64	188	753	489 5	156 64	F.B 1353-169
	+ 1058	418 ✓		448	1188	128 ✓		446 ✓	
					+ 1058	418		446	
BM33-8					- 129	710 ✓		892 ✓	BM33-8 Del AMO Blvd & Orange AV. N.E COR F.B. 1353-169

INST. NO. 75224
ROD NO. 170446
DATE 1-23-75

WEATHER Hazy
TIME 2:25
NOTES CHKD RAB

E 76°

SURVEY OF L. A. Co. Precise Level Net
SURVEY BY Randell NOTES Rodriguez 10-15-70
INDEXED DATE
JOB NO. 030102
F.B. 4104 PG. 142

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 Randall WEATHER Hazy

NOTES BY Rodriguez DATE 10-13-70 TIME 11:30 INST. NO. 25234

INDEXED DATE NOTES CHKD DATE ROD NO. 713 HB

T = 74°

F.B. 4104 PG. 143

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM 33-9	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM BM 33-9 TO BM 8-53
1.	149 046	450 5	180 118	62	169 678	470 5	200 138	62	BM 33-9 (U.S.C.G.S)(C-789) ATLANTIC AV. @ UNION.
2	135 925	436 5	158 112	46	153 114	454 5	175 131	44	Pacific Rail Rd Co. Bridge.
3	137 857	438 5	159 115	44	155 862	456 5	128 132	106 46	F.B 1353-170
4	112 399	413 5	134 90	152 44	163 646	464 5	186 140	152 46	⊼ Maldonado
5	137 179	438 5	169 114	196 46	141 218	442 5	163 119	198 44	
6	193 611	494 5	214 172	242 42	199 550	5 400 5	220 178	242 42	
7	138 502	439 5	153 123	284 30	282 643	583 5	297 267	284 30	
8	7 009	308 5	19 7	314 24	229 991	530 5	241 217	314 24	
9.	27 271	328 5	32 22	338 10	261 189	562 5	266 256	338 10	
10	175 101	476 5	200 150	348 50	177 419	478 5	200 154	348 46	
11	160 960	461 5	163 157	398 06	38 851	339 5	43 33	394 10	
	+ 1374 860 ✓			404	1973 163 ✓			404 ✓	
					+ 1374 860			404	BM 8-53
					= 598 303 ✓			808 ✓	Long Beach Blvd. @ Union Pac-Rail Rd. F.B. 1219-44

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F.B. 4104 PG. 144 JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY RANDALL NOTES SIEMANN 10-13-70

INDEXED DATE

WEATHER LT WIND INST. NO. 75234

TIME 2:50 TO 3:30 ROD NO. 713 AR

NOTES CHKD RGB DATE 11-19-70

T = 74°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 8-53 TO B.M. 33-9
B.M. 8-53							B.M. 8-53 (U.S.C.&G.S. C-789)
1	43193	3445	50 36 14	41244	3425	48 34 14	LONG BEACH BLVD. & U.P.R.R.
							SEE F.B. 1219-44
2	276338	5775	278 274 4	45279	3465	47 43 4	
			18			18	
3	287303	5885	290 284 6	32720	3335	35 29 6	
			24			24	
4	195384	4965	226 164 62	175541	4765	205 145 60	
			86			84	
5	163450	4645	198 128 70	140455	4415	177 103 74	
			156			158	
6	152292	4535	182 122 60	187158	4885	214 160 54	T = MALDONADO
			216			212	
7	192097	4945	222 164 58	165257	4665	195 135 60	
			274			272	
8	178653	4795	206 150 56	144127	4455	173 115 58	
			330			330	
9	170263	4715	200 140 60	134281	4355	166 102 64	
			390			394	
10	157830	4585	174 140 34	153697	4545	168 138 30	
			424			424	
B.M. 33-9						424	B.M. 33-9 (U.S.C.&G.S.
	+ 1817803			1219759		848	ATLANTIC BLVD. & U.P.R.R.
	- 1219759						SEE F.B. 1353-170
	+ 598044						

76P526B CE # 308 8/68

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

SURVEY BY Mallonnaff DATE 10-13-70 WEATHER Haze INST. NO 75239

NOTES BY TIME 1:30 ROD NO 173

INDEXED DATE NOTES CHKD RGB DATE 11-19-70

T=740

F.B. 4104 Pg. 145

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 8-53 TO BM 8-52
BM 8-33							BM 8-53 (U.S.C.G.S)(C789) Long Beach ~~Atlantic~~ Blvd @ UNION PACIFIC RAIL Rd bridge F.B 1219-44 N-Siemann
1.	49570	35055	56 42 4	164999 49570 115429 ✓	46555	171 157 4	4 8 ✓
BM-8-52							BM 8-52 ~~Atlantic~~ Long Beach Blvd. & Arbor St. & Int. F.B. 1219-44

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F.B. 4104 PG. 146 | JOB NO. 0301.02

SURVEY OF L.A. Co Precise Level Net

SURVEY BY Randall NOTES Mallenado 10-13-70

INDEXED ____ DATE ____

WEATHER Hazy Sun INST. NO 75238

TIME 2:4 ROD NO 11134E

NOTES CHKD RGB DATE 11-14-70

T-76°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM8-52 TO BM8-53
BM8-52									BM8-52 Long Beach Blvd. & Arbor St. F.B. 1219-44 E Int.
				174				58	
1	167	151	468 5	160 14	51	699	352 5	44 14	T-Siemann
	51	699						14	
	115452 ✓							28 ✓	
BM8-53									BM8-53 Long Beach Blvd. & Union Pacific Rail Rd. F.B. 1219-44

76P526B CE # 308 8/68

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

SURVEY BY J. Ramos/J.P. WEATHER Hazy Sun INST. NO. 75-234

NOTES BY Maldonado DATE 10-13-70 TIME 1:30 ROD NO. 713A-B

INDEXED DATE NOTES CHKD. RGB DATE 11-19-70

T-76°

F.B. 4104 PG. 147

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From BM 8-52 To BM 8-51
BM 8-52							BM 8-52
			185			171	Long Beach Blvd. & Arbor St.
1	158 920	459 5	131 54	144 611	445 5	117 54	F.B. 1219-44 & Int.
			164			142	
2	134 273	435 5	104 60	112 099	413 5	82 60	
			211 114			41 114	
3	189 031	490 5	167 44	18 988	319 5	18 ½ 44	
			275 158			55 160	
4	262 020	563 5	249 26	42 276	343 5	29 26	T-Siemman
			297 184			64 186	
5	294 592	595 5	280 ½ 28	50 242	351 5	36 28	
			298 212			58 214	
6	282 979	583 5	266 32	42 120	343 5	26 32	
			296 244			36 246	
7	296 350	597 5	278 ½ 36	18 638	319 5	0 36	
			298 280			82 282	
8	280 999	581 5	262 36	64 477	365 5	46 36	
			231 316			113 318	
9	220 585	521 5	209 22	102 358	403 5	91 22	
			212 338			147 340	
10	201 034	502 5	190 22	137 251	438 5	127 20	
	+ 2320 783 ✓		360	✓ 733 060	✓	360 ✓	
	− 733 060					360	
	+ 1587 723 ✓					720 ✓	BM 8-51
							Long Beach Blvd. & Near 44th St. N. of
BM 8-51							F.B. 1219- & Blvd.

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F.B. 4104 Pg. 148 | JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Bendall NOTES Maldonado 10-13-70

INDEXED _____ DATE _____

WEATHER Hazy Sun INST. NO. 73234

TIME 2:10 ROD NO. 73548

NOTES CHKD R&R DATE 11-4-70

T-76°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From BM 8-51 To BM 8-52
BM 8-51							BM 8-51
			65			297½	Long Beach Blvd. & N. of 44th St.
1	34 419	335 5	34 ½ 62	297 381	598 5	268 58	F.B. 1219- & Blvd.
			40			296½	
2	23 652	324 5	6 34	296 931	597 5	278 36	
			40 96			298, 94	
3	22 690	323 5	4 36	298 690	599 5	280 38	
			47 132			290, 138	
4	31 517	332 5	15 32	290 746	591 5	274½ 32	
			28 164			301, 162	T-Siemann
5	12 810	313 5	12 ½ 32	301 150	602 5	284½ 34	
			30 196			221 196	
6	13 460	314 5	13 ½ 39	205 527	506 5	189 32	
			167 230			207 228	
7	122 475	423 5	77 90	164 689	465 5	121 86	
			198 320			194 314	
8	179 631	480 5	160 38	173 102	474 5	152 42	
	+ 440 654 ✓		358	2028 216 ✓		356 ✓	
				440 654		358	
				1587 562 ✓		714 ✓	
							BM 8-52
							Long Beach Blvd. & Arbor St.
BM 8-52							F.B. 1219-44 & Int

Notes Ck'd by	Survey of Precise Levels
Map No.	J.N. 0301.02 Tape — Std — °F
Office Work	Surveyed by Randall
Checked	Notes GGR Date 10-70
Date	Indexed

F.B. 4104 Pg. 161

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LOS ANGELES COUNTY
PRECISE LEVEL NET

LINE # 68

OCT. 1970

J.N. 0301.02

REF.

U.S.C.&G.S. DESC.'s

F.B. 3700 117-164

Party

Randall
Anderson
Maldonado
Love
Rodriguez, R.J.
Siemann
McKnight

7SE303S CE #310 5-66

F.B. 4104 Pg. 162

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Notes Ck'd by	Survey of Precise Levels
Map No.	JN 0811.02 Tape ___ Std ___ °F
Office Work	Surveyed by Randall
Checked	Notes JGR Date 10-70
Date	Indexed

F.B. 4104 Pg. 163

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403 Los Angeles County Engineering Bldg.

76F309S CE #310 5-65

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F.B. 4164 PG. 164

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 J. Randall DATE 10-14-70 WEATHER Overcast INST. NO. 73234
NOTES BY Maldonado TIME 9:25 ROD NO. 7339 A&B
INDEXED DATE NOTES CHKD DATE

T-64°

F.B. 410 4 PG. 165

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	153 398	454 5	155 151 4	157 562	458 5	184 130 54	54M- 4 M= 50 M=0.20 mm
2	162 571	463 5	164 160 4	158 380	459 5	185 131 54	54M- 4 M= 50 M=0.20 mm
	315969		8	315942		108	
	315902						
	+ 067			-0.040mm		8	Curvature Corr.=0.40 mm
				315902		100	
				-			
							T-Rodriguez
	+ 0.006		mm= "C"				
	100 / 0.670						
						mm= "C"	

F.B. 4104 PG. 166 | 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 ____
Blank							

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY _____ WEATHER OVERCAST INST. NO 75231
NOTES BY RODRIGUEZ DATE 10-19-70 TIME 8:45 ROD NO 173 AB
INDEXED _____ DATE _____ NOTES CHKD _____ DATE _____
F.B. 4104 PG. 167

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						
			NEAR ROD				FAR ROD		
1	136	247	437 5	138 / 134 04	130	072	431 5	157 / 103 54	54 M- 4 M=50 M=0.20 mm
2	142	762	443	144 / 140 04	148	838	449 5	175 / 121 54	54 M- 4 M=50 M=0.20 mm
	279	009		08	278	910		108	
	278	870						-08	
	+	1.39			-0.40mm			100	Curvature Corr.=0.40 mm
					278	870			
									T ANDERSON
			13						
	+	0.09		mm= "C"					
	100	1.390							
		100							
		390							
		300							
		90							
								mm= "C"	

F.B. 4104 PG. 168 JOB NO. 3301.02

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
			Blank				

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. 26714
NOTES BY Rodriguez DATE 10-20-70 TIME 8:40 ROD NO. 17134B
INDEXED DATE NOTES CHKD DATE
T=68°
F.B. 4104 PG. 129

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
	NEAR ROD				FAR ROD				
1	138	589	439 5	140 136 04	142	892	443 5	169 115 54	54 M- 4 M=50 M=0.20 mm
2	138	840	439 5	140 136 04	134	549	435 5	161 107 54	54 M- 4 M=50 M=0.20 mm
	277	429		08	277	441		108	
	277	401						08	
	+	028			-0.40 mm			100	Curvature Corr.=0.40 mm
					277	401			
					-				
	+ 0.0028 mm= "C"								
	100/0.280								
	200								
	800								
					- mm= "C"				
					/				

T Anderson

F.B. 4104 PG. 170 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
			Blank				

76P526B CE # 308 8/68

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

SURVEY BY Rodriguez DATE 10-21-70 WEATHER Overcast INST. NO 96716

NOTES BY Randall TIME 9:00 ROD NO 17348

INDEXED DATE NOTES CHKD DATE

F.B. 4104 PG. 171

T=64°

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	143 192	444 5	145 141 04	135 710	436 5	162 108 54	54 M- 4 M= 50 M=0.20 mm
2	135 363	436 5	137 133 04	143 000	444 5	170 116 54	54 M- 4 M= 50 M=0.20 mm
	278 555		08	278 710		108 -08	
	+			-0.40mm		100	Curvature Corr.=0.40 mm
				278 670			T Anderson
				278.555			
				- 0 1.15			
	+ 1		mm= "C"				
				— 0.011 mm= "C"			
				100 / 1.15 100			

F.B. 4104 PG. 172 | 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 J. BRANDAKE
NOTES BY R. ANDERSON DATE 10-22-70 WEATHER 70 081.45 INST. NO. 96716
TIME Overcast, Calm ROD NO. 1713 A.B.
INDEXED DATE NOTES CHKD DATE
F.B. 4104 Pg. 173

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	155 848	456 5	157 153 4	143 011	444 5	176 116 54	54 M- 4 M= 50 M=0.20 mm
2	158 311	459 5	160 156 4	171 251	472 5	198 144 54	54 M- 4 M= 50 M=0.20 mm
	314159		8	314262		108 -8 100	
	+			-0.40 mm			Curvature Corr.=0.40mm
				314222			
				314 159			
				- 063			T RODRIGUEZ
			mm= "C"				
	/						
				- 0.006 mm= "C"			
				100/0.630			

F.B. 4104 PG. 174 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

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. PANDRAS
NOTES BY R. PINGERON
DATE 23-OCT. '70
WEATHER OVERCAST & CALM
TIME 08:45
INST. NO. 96716
ROD NO. 17138-B
INDEXED
DATE
NOTES CHKD
DATE
F.B. 4104 PG. 175

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	159 641	460 5	141 157 4	165 469	44 5	192 138 54	54 M- 4 M=50 M=0.20 mm
2	157 661	458 5	159 155 4	151 859	452 5	178 124 54	54 M- 4 M=50 M=0.20 mm
	317 302		8	317 328		108	
	317 288			- 00.40		- 8	
	+ 014			~~-0.40 mm~~		100	Curvature Corr.=0.40 mm
				317 288			
				~~317~~			
				-			
							T RODRIGUEZ
		100/15 mm= "C"					
	100 / 0.14						
					mm= "C"		

F.B. 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.

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 Rodriguez WEATHER Clear INST. NO. 96716

NOTES BY Rodriguez DATE 10-26-70 TIME 8:45 ROD NO. 1713 HB

INDEXED DATE NOTES CHKD DATE

F.B. 4104 PG. 177

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"				
	NEAR ROD			FAR ROD			
1	133 813	434 5	135 131 04	121 678	422 5	148 94 54	54 M- 4 M=50 M=0.20 mm
2	139 102	440 5	141 137 04	151 300	452 5	178 124 54	54 M- 4 M=50 M=0.20 mm
	272 915		08	272 978		108 -08	
	+			-0.40mm		100	Curvature Corr.=0.40 mm
				272 938			↑ ANDERSON
				272 915			
				- 023			
	+		mm= "C"				
	1						
				-0.002 mm= "C"			
				100 / 0.230			

F.B. 4104 Pg. 178 | JOB NO. 0301.02

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 _____
		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 Clear INST. NO. 86716

NOTES BY Rodriguez DATE 10-27-70 TIME 8:20 ROD NO. 1758 MB

INDEXED DATE NOTES CHKD DATE

F.B. 4104 PG. 179

T=66°

STATION	Near BACKSIGHT ROD				Far FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
				DETERMINATION OF "C"					
1.	138	455	439	5 140 136 04	145	550	446	5 172 118 54	54M - (4)M = 50M = 0.20MM
2	125	862	426	5 127 123 04 08	118	778	419	5 195 91 54 108 -08 100	54M - (4)M = 50M = 0.20MM
	264	317			264	328			CUR. CORR = 0.40MM
	264	288			-	040			
		029			264	288			T Anderson

+ 0.002 MM = "C"

100) 0.290
200

F.B. 4104 PG. 180 JOB NO. 0301.02

SURVEY OF

SURVEY BY Randal 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 Rodriguez WEATHER Hazy INST. No. 116716
NOTES BY Rodriguez DATE 10-28-70 TIME 8:20 ROD No. 123448
INDEXED DATE NOTES CHKD DATE

F.B. 4104 PG. 181

TE 72

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	136 755	437 5	138 / 134 04	126 732	427 5	153 / 99 54	54 M-4 M=50 M=0.20 mm
2	142 683	443 5	144 / 140 04	152 658	453 5	179 / 125 54	54 M-4 M=50 M=0.20 mm
	279 438		08	279 390		108	
	279 350					-08	
	+ .088			-0.40mm		100	Curvature Corr.=0.40 mm
				279 350			
				-			T Anderson
	+ .0.008		mm= "C"				
	100 10.880						
	800						
						mm= "C"	

F.B. 4104 Pg. 182 | JOB NO. 0301.02

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 _____
		Blank					

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Rodriguez DATE 10-29-70 WEATHER overcast INST. NO. 96716
NOTES BY TIME 8:45 ROD NO. 11348
INDEXED DATE NOTES CHKD DATE
F.B. 4104 Pg. 183

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	130 5 577 67	436 5	133 04 137	130 730	431 5	103 54 157	54 M- 4 M= 50 M=0.20 mm
2	140 942	441 5	138 04 142	145 640	446 5	118 54 172	54 M- 4 M= 50 M=0.20 mm
	276 509		08	276 370		108	
	276 330					-08	
	+ 0179			-0.40mm		100	Curvature Corr.=0.40 mm
				276 330			
				-			
	0.017		mm= "C"				
	100 / 11.79						
	100						
	79						
						mm= "C"	

Anderson

F.B. 4104 PG. 184 | 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 _____
			Blank				

PLEASE RETURN TO

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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

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. Ramada/1 DATE 10-30-70 WEATHER Hazy Sun INST. NO. 96711

NOTES BY Maldonado TIME 8:45 ROD NO. 17134B

INDEXED DATE NOTES CHKD DATE

T- 64°

F.B. 4104 PG. 185

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	139 013	440 5	141 137 4	136 895	437 5	163 109 54	54M- 4 M= 50 M=0.20 mm
2	143 583	444 5	145 141 4	145 802	446 5	172 118 54	54M- 4 M= 50 M=0.20 mm
	282596		8	282 697		108	
	+			-0.40mm		8	Curvature Corr.=0.40 mm
				282 657		100	
				282 596			
				- 0061			
							T-Anderson
			mm= "C"				
	1						
				- 0.006 mm= "C"			
				100/0.610			
				600			
				10			

F.B. 4104 PG. 186 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 J. Randall DATE 10-14-70 WEATHER Overcast INST. NO. 75234

NOTES BY Maldonado TIME 9:40 ROD NO. 2139 A&B

INDEXED DATE NOTES CHKD RGB DATE 11-19-70

T-64°

F.B. 4104 PG. 187

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 5-10 TO BM 5-9
BM 5-10			216			198	BM 5-10 (L.A.C.S.T.S. WATTS I-7A)
1	203 051	504 5	190 26	184 330	485 5	170 28	Alamed St. & Tweedy Blvd.,
			197			180	F.B. 1206-14
2	160 680	461 5	123 74	144 878	445 5	108 72	
			192 100			181 100	
3	160 802	461 5	128 64	149 603	450 5	117 64	
			205 164			163 164	
4	173 882	474 5	141 64	132 055	433 5	101 62	T-Rodriguez
			211 228			168 226	
5	181 970	482 5	151 60	136 448	437 5	104 64	
			219 288			163 290	
6	188 349	489 5	157 62	132 288	433 5	101 62	
			202 350			163 352	
7	179 888	480 5	156 46	141 098	442 5	119 44	
			165 396			140 396	
8	161 908	462 5	157 8	136 211	437 5	132 8	
	+1410530 ✓		404	+1156911 ✓		404 ✓	
	1156911					404	
	+253619 ✓					808 ✓	
BM 5-9							BM 5-9 (U.S.C.&G.S. LC 769 1945) Alameda St. & 114' N. of Southern Ave. Transmission Tower 265 D3. F.B. 1206-13

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4104 Pg. 188 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Bonds/Maldonado NOTES 10-14-70

INDEXED DATE

WEATHER Overcast INST. NO. B234

TIME 1:45 ROD NO. Z138A

NOTES CHKD R.B. DATE

T-76°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 5-9 TO BM 5-10
BM 5-9				144				223	BM 5-9 (U.S.C.&G.S. LC 769 1945)
1	111	262	412 5	78 66	188	678	489 5	153 70	Alameda St. & 114' N. of Southern
				164				218	Ave. @ Trans. Tower 265 D3
2	134	158	435 5	104 60	187	451	488 5	156 62	F.B. 1206-13
				160 126				213 132	
3	130	231	431 5	100 60	180	130	481 5	149 64	
				167 186				191 198	T- Rodriguez
4	135	790	436 5	103 64	163	249	464 5	135 56	
				179 250				199 254	
5	145	012	446 5	111 68	163	680	464 5	127 72	
				174 318				179 326	
6	153	620	454 5	132 42	162	328	463 5	145 34	
				200 360		468		177 360	
7	182	140	483 5	164 36	159	~~478~~	460 5	141 36	
				178 396				218 396	
8	160	182	461 5	142 36	200	971	501 5	182 36	
	+1152395 ✓			432	1405958			432 ✓	
					4 ✓			432	
					1152395			864 ✓	
					-253559 ✓				
BM 5-10									BM 5-10 (L.A.C.S.T.S. WATTS I-7A) Alameda St. & Tweedy Blvd. F.B. 1206-14

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 5-9 TO BM 5-8
BM 5-9			188	232		264	BM 5-9 (U.S.C.&S. LC 769 1945)
1	156 581	457 5	124 64	~~143~~ 815	533 5	200 64	Alameda St. & 114' N. of Southern
							Ave. Transmission Tower
				156 581		64	265 D 3
				-76 234 ✓		128	N.F.B. 1206-13
							T-Rodriguez
							BM 5-8 (L.A.C.S.C.S. Traverse Sta. WATTS 1-6 1938)
BM 5-8							Alameda & 92 St. N.E. Cor.
							F.B. 1206-13

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

SURVEY BY J. Randall WEATHER Overcast INST. NO. 75234

NOTES BY Maldonado DATE 10-14-70 TIME 10:15 ROD NO. 2138 & 8

INDEXED DATE NOTES CHKD RGR DATE 11-19-70

T-68

F.B. 4104 PG. 189

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4104 PG. 190 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES Maldonado 10-14-70

INDEXED _____ DATE _____

T-74°

WEATHER Overcast INST. NO. 75-231

TIME 1:35 ROD NO. 213 PAE

NOTES CHKD R.G.B. DATE 11-14-70

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA	FROM BM 5-8 TO BM 5-9
BM 5-8								BM 5-8 (L.A.Co.C.S. Traverse Sta. WATTS 1-6 1938) Alameda St. & 92nd St. F.B. 1206-13 N.E. Cor.
			236				160	
1	220 381	521 5	204 32		144 052	445 5	128 32	
	144 052						32	A-Rodriguez
	+76 329 ✓						64 ✓	
BM 5-9								BM 5-9 (U.S.C.&G.S. LC 769 1945) Alameda St. & 114 N. of Southern Ave @ Transmission Tower 265 D 3. F.B. 1206-13

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 WEATHER Overcast INST. NO. 75274

NOTES BY Maldonado DATE 10-14-70 TIME 10:20 ROD NO. 2739A&B

INDEXED DATE NOTES CHKD RGB DATE 11/18/70

T-68° F.B. 4104 PG. 191

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 5-8 TO BM 68-1
BM 5-8			267			177	BM 5-8 (L.A.Co.C.S. Traverse Sta. WATTS 1-6 1938)
1	234 028	5 35 5	201 66	144 441	445 5	111 66	Alameda St. & 92nd St. N.E.Cor
			208			151	
2	177 872	478 5	146 62	120 640	421 5	89 62	F.B. 1206-13
			212 128			162 128	
3	181 529	482 5	150 62	132 870	433 5	102 60	
			230 190			224 188	
4	193 801	494 5	156 74	188 881	489 5	152 72	X-Rodriguez
			159 264			207 260	
5	127 812	428 5	95 64	175 191	476 5	143 64	
			166 328			146 324	
6	155 438	456 5	144 22	135 880	436 5	124 22	
			183 350			81 346	
7	178 122	479 5	173 10	77 088	378 5	73 8	
	+1248602 ✓		360 ✓	974 991 ✓		354 ✓	
	- 974991					360	
	+ 273611 ✓					714 ✓	
BM 68-1							BM 68-1 Firestone Blvd. & Alameda St. @ W. Ent. to Firestone Bldg. @ N.W. Cor. Plant #1 F.B. 3700-121

F.B. 4104 PG. 192 | JOB NO. 03101.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Mc Donald 10-14-70

INDEXED _____ DATE _____

NOTES CHKD RGB DATE 11-19-70

TIME 1:10 WEATHER Overcast T-74°

ROD NO. 213846 INST. NO. 3239

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 BM 68-1 To BM 5-8
BM 68-1			86			187	BM 68-1
1	82 758	383 5	78 8	184 100	485 5	181 6	Firestone Blvd. & Alameda
			148			175	St. @ N.W. Cor. Firestone Bldg
2	134 408	435 5	120 28	160 222	461 5	145 30	Plant #1
			208 36			167 36	See F.B. 3700-121
3	177 841	478 5	146 62	135 092	436 5	103 64	
			236 98			230 100	
4	202 878	503 5	168 68	195 852	496 5	160 70	
			160 166			207 170	T-Rodriguez
5	130 818	431 5	100 60	178 510	479 5	149 58	
			149 226			208 228	
6	118 659	419 5	87 62	177 880	478 5	146 62	
			172 288			260 290	
7	137 328	438 5	102 70	226 602	527 5	192 68	
	+ 984690 ✓		358	1258 258 ✓		358 ✓	
				+ 984 690		358	
				− 273568 ✓		716 ✓	
BM 5-8							BM 5-8 (L.A.C.C.S. Traverse Sta. WATTS 1-6 1938) Alameda St. & 92nd St. N.E. Cor. F.B. 1206-13

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.

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

SURVEY BY J. Randall

NOTES BY R. Delgado

DATE 10-14-70

WEATHER Overcast

INST. NO. 75231

ROD NO. 2639146

INDEXED

DATE

NOTES CHKD. R.C.B.

DATE 11-11-70

T-680

F.B. 4104 PG. 193

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
											From BM 68-1 To BM 68-2
BM 68-1					79					180	BM 68-1
1	75	392	376	5	71 8	176	409	477	5	172 8	Firestone Blvd. & Alameda St. @
					136					166	S.W. Cor. of Firestone Bldg. Plant #1
2	123	698	424	5	110 26	153	560	454	5	140 26	See F.B. 3700-121
					175 34					223 34	
3	142	691	443	5	109 66	190	388	491	5	157 66	T Maldonado
					193 100					222 100	
4	159	052	460	5	125 68	188	768	489	5	154 68	
					209 168					274 168	
5	173	749	474	5	137 72	236	938	537	5	198 76	
					148 240					192 244	
6	113	498	414	5	78 70	159	953	460	5	126 66	
					172 310					176 310	
7	149	540	450	5	126 46	152	334	453	5	128 48	
					161 356					68 358	
8	155	918	456	5	149 12	63	251	364	5	58 10	
	+ 1093	538 ✓			368	1321	601 ✓			368 ✓	
B.M. 68-2						+ 1093	538			368	B.M 68-2 (U.S.C.&G.S. H-777 1945)
						- 228	063 ✓			736 ✓	Firestone Blvd. & Trianon Bowling Bldg. West of Long Beach Blvd.
											F.B. 3700-123

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 Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM68-2									From BM68-2 to BM68-1
1	60	608	361 5	65 55 10	153	239	454 5	159 147 12	BM 68-2 (U.S.C.&G.S. H-777 1945
2	152	690	453 5	188 116 72	145	274	446 5	181 109 72	Firestone Blvd. @ Trianon Bowl-
3	157	140	458 5	188 126 62 82	50	322	351 5	81 19 62 84	ing Bldg. West of Long Beach Blvd.
4	172	164	473 5	206 138 68 144	151	018	452 5	184 118 66 146	F.B. 3700-123
5	165	765	466 5	200 130 70 212	133	033	434 5	168 98 70 212	T Maldonado
6	162	310	463 5	192 132 60 282	132	044	433 5	162 102 60 282	
7	161	025	462 5	168 154 14 342	138	523	439 5	145 131 14 342	
8	178	680	479 5	182 174 08 356	79	053	380 5	83 75 08 356	BM 68-1
	+210	382 ✓		364 ✓	982	506 ✓		364 ✓	Firestone Blvd. & Alameda St.
BM 68-1	-982	506						364	@ S.W. Cor. of Firestone Bldg.
	+227	876 ✓						728 ✓	Plant #1.
									F.B. 3700-121

F.B. 4104 PG. 194 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Wardell NOTES Rodriguez

INDEXED DATE

T-68

WEATHER Overcast INST. NO. 7523

TIME 11:30 ROD NO. 2139

NOTES CHKD. RGB DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	BACKSIGHT LEFT	MIC.	STADIA	FORESIGHT RIGHT	MIC.	FORESIGHT LEFT	MIC.	STADIA
B.M. 68-2										
1	61	218	362	5	70 / 52 / 18	155	942	456	5	164 / 146 / 18
2	143	742	444	5	178 / 108 / 70	162	208	463	5	197 / 127 / 70
3	170	148	471	5	201 / 139 / 62	161	560	462	5	191 / 131 / 60
4	131	688	432	5	150 / 164 / ~~780~~	164	780	465	5	198 / 130 / 68
5	110	689	411	5	98 / 143 / 66 / 77 / 216	165	149	466	5	198 / 132 / 66
6	154	420	455	5	192 / 116 / 76	144	611	445	5	183 / 105 / 78
7	148	968	449	5	177 / 119 / 58	160	160	461	5	190 / 130 / 60
8	139	630	440	5	164 / 114 / 50	170	159	471	5	192 / 148 / 44
9	156	731	457	5	159 / 153 / 6	123	881	424	5	127 / 119 / 8
					472 ✓					472 ✓
B.M. 68-3	1217	234 ✓				1408	450 ✓			472
						1217	234			944 ✓
						191	216 ✓			

DESCRIPTION AND REMARKS

FROM B.M. 68-2 TO B.M. 68-3

B.M. 68-2 (U.S.C.&G.S. H-777 1945)
FIRESTONE BLVD. & TRIANON
BOWKING BLDG. - WEST OF
LONG BEACH BLVD.
F.B. 3700-123

T = 78°

T RODRIGUEZ

B.M. 68-3 (U.S.C.&G.S. J-777 1945)
FIRESTONE BLVD. & STATE ST.
@ SOUTH GATE FIRE DEPT. BLDG.
F.B. 3700-125

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

SURVEY BY R. ANDERSON DATE 16 OCT. 70 TIME 13:05 WEATHER OVERCAST & COLD INST. NO. 75234

NOTES BY G. RANDALL ROD NO. 173 AB

INDEXED DATE NOTES CHKD. RGB DATE 11-19-70

F.B. 4104 PG. 195

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4104 PG. 196 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY RANDALL NOTES ANDERSON DATE 27-OCT-70

INDEXED DATE

WEATHER CLEAR & CALM INST. NO. 9671

TIME 10:45 ROD NO. 1713A

NOTES CHKD. RB DATE

T = 78°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 68-3 TO B.M. 68-2
B.m. 68-3				136				160	B.M. 68-3 (U.S.C & G.S. √-777
1	127	949	428 5	118 18	151	559	452 5	142 18	FIRESTONE BLVD. & STATE ST. 1945
				204				173	C SOUTH GATE FIRE DEPT. BLDG.
2	176	618	477 5	148 56	147	831	448 6	121 52	F.B. 3700 - 125
				207 74				200 70	
3	177	972	478 5	147 60	168	832	469 5	136 64	
				183 134				185 134	
4	148	390	449 5	113 70	149	648	450 5	113 72	A RODRIGUEZ
				197 204				142 206	
5	170	392	471 5	143 54	114	630	415 5	86 56	
				200 258				180 262	
6	164	012	465 5	128 72	148	011	449 5	116 64	
				194 330				176 326	
7	164	658	465 5	134 60	145	480	446 5	114 62	
				184 390				200 388	
8	145	349	446 5	106 78	160	608	461 5	120 80	
				174 468				71 468	
9	164	251	465 5	154 20	62	211	363 5	53 18	
				488 √				486 √	
B.M. 68-2 +	1439	591 √			1248	810 √		488	B.M. 68-2 (U.S.C. & G.S. H-777 1945
-	1248	810						974 √	FIRESTONE BLVD. & TRIANON
+	190	781 √							BOWLING BLDG. WEST OF
									LONG BEACH BLVD.
									F.B. 3700 - 123

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 Y. HANDALL DATE 28-OCT 170 TIME 13:15 WEATHER CLEAR & CALM INST. NO. 96714

NOTES BY Y. ANDERSON ROD NO. 1713A

INDEXED DATE NOTES CHKD RCB DATE 11-19-70

T = 84°

F.B. 4104 PG. 197

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 68-2 TO B.M. 68-3
B.M. 68-2			71			167	B.M. 68-2 (U.S.C.&G.S. H-777
1	64 072	365 5	57 14	161 570	462 5	155 12	FIRESTONE BLVD. & TRIANON 1945
			182			192	
2	145 341	446 5	108 74	152 990	453 5	112 80	BOWLING BLDG. - WEST OF LONG
			193 88			194 92	BEACH BLVD.
3	168 271	469 5	143 50	167 512	468 5	140 54	F.B. 3700 - 123
			170 138			197 146	
4	135 200	436 5	100 70	167 732	468 5	137 60	T RODRIGUEZ
			155 208			198 206	RERUN
5	121 549	422 5	87 68	165 330	466 5	132 66	
			178 276			182 272	
6	142 050	443 5	106 72	145 290	446 5	108 74	
			181 348			182 346	
7	157 388	468 5	133 48	155 851	456 5	128 54	
			171 396			199 400	
8	139 028	440 5	107 64	168 292	469 5	137 62	
			177 460			197 462	
9	151 589	452 5	125 52	173 228	474 5	149 48	1945
			165 512			123 510	
B.M. 68-3							B.M. 68-3 (U.S.C.&G.S. J-777
10	162 961	463 5	159 6	120 419	421 5	117 6	FIRESTONE BLVD. & STATE ST.
			578			516	TO SOUTH GATE FIRE STATION
	+ 1387 449			- 1578 214		518	F.B. 3700 - 125
				+ 1387 449		1034	
				- 190 765			

F.B. 4104 PG. 198 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 ____
							NO RUN THIS DIRECTION
							SEE FOR RERUN

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 WEATHER Hazy Sun INST. NO. 75-234

NOTES BY Maldonado DATE 10-16-70 TIME 1:50 ROD NO. 173468

INDEXED DATE NOTES CHKD RDB DATE 11-19-70

T. 78°

F.B. 4104 PG. 199

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS
											FROM BM 68-3 TO BM 68-4
BM 68-3				123					157		BM 68-3 (U.S.C.&G.S. J-777 1945)
1	119	572	420 5	115	8	153	119	454 5	149	8	Firestone Blvd. & State St. @ South
				196					213		Gate Fire Sta.
2	163	811	464 5	130	66	180	211	481 5	~~148~~ 147	66	F.B. 3700-125
				166	74				~~128~~ 168	74	
3	153	968	454 5	140	26	156	861	457 5	142	28	
				176	100				49	102	
4	168	082	469 5	160	16	42	141	343 5	35	14	T. Rodriguez
					116					116 ✓	
										116	
	605	433 ✓				532	332 ✓			232 ✓	
	532	332									
	+ 73	101 ✓									
BM 68-4											BM 68-4 (U.S.C.&G.S. K-777 1945) Firestone Blvd. & Dearborn Ave. S.W. Cor. of H.S. Auditorium F.B. 3700-127

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4104 Pg. 200 JOB NO. 0301.02

SURVEY OF LA. Co. Precise Level Net

SURVEY BY RANDALL NOTES ANDERSON DATE: 27-Oct. '70

INDEXED _____ DATE _____

WEATHER CLEAR & CALM INST. NO. 96716

TIME 10:00 ROD NO. 173 A-B

NOTES CHKD. _____ DATE _____

T = 76°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 68-4 TO B.M. 68-3
B.M. 68-4				57				174	B.M. 68-4 (U.S.C.&G.S. K-777
1	50	858	351 5	43 14	167	351	468 5	160 14	FIRESTONE BLVD. & DEARBORN 1945
				197				181	AVE. - S.W. COR. OF HIGH SCOOL BLD.
2	169	249	470 5	141 56	152	661	453 5	123 58	F.B. 3700-127
				173 70				186 72	
3	157	140	458 5	141 32	171	158	472 5	156 30	T. RODRIGUEZ
				163 102				122 102	
4	161	602	462 5	139 4	120	651	~~125~~ ~~118~~ 421 5	118 4	
				106 ✓				106 ✓	
B.M. 68-3	538	849 ✓			611	821 ✓		106	B.M. 68-3 (U.S.C.&G.S. J-777 1945
					538	849		212 ✓	FIRESTONE BLVD. & STATE ST.
					-72	972 ✓			@ SOUTH GATE FIRE DEPT. BLDG.
									F.B. 3700-125

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 WEATHER Hazy Sun INST. NO. 75234

NOTES BY Maldonado DATE 10-16-70 TIME 2:20 ROD NO. 173A&B

INDEXED DATE NOTES CHKD RCB DATE 11-19-70

T-76°

F.B. 4104 Pg. 201

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM 68-4 TO BM 68-5
BM 68-4													BM 64-4 (U.S.C.&G.S. K-777, 1945)
					62						188		Firestone Blvd. & Dearborn Ave
1	54	392	355	5	46	16	180	998	481	5	172	16	S.W. Cor. Aud. of H. School
					190						197		F.B. 3700-127
2	151	818	452	5	112	78	158	681	459	5	119	78	
					215	94					184	94	
3	179	112	480	5	143	72	148	349	449	5	112	72	
					208	166					166	166	
4	180	159	481	5	152	56	137	498	438	5	108	58	T- Rodriguez
					208	222					185	224	
5	183	148	484	5	158	50	158	409	459	5	131	54	
					195	272					179	278	
6	163	923	464	5	131	64	150	371	451	5	121	58	
					176	336					168	336	
7	156	599	457	5	136	40	148	651	449	5	128	40	
					162	376					174	376	
8	152	061	453	5	142	20	165	352	466	5	156	18	
						396 ✓						394 ✓	
												396	
	1221	212 ✓					1248	309 ✓				790 ✓	
							1221	212					
							- 27	097 ✓					
BM 68-5													BM 68-5 (U.S.C.&G.S. L-777, 1945)
													Firestone Blvd. & San Gabriel
													Ave. S.W. Cor.
													F.B. 3700-129

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

T = 70°

WEATHER Clear, Cool INST. NO. 82716

TIME 09:15 ROD NO. 113 A5

NOTES CHKD RG 13 DATE 11-19-70

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM68-5									From BM68-5 To BM68-4
1	177	571	478 5	209 149 191 56	176	649	477 5	204 148 197 56	BM68-5
2	159	779	460 5	127 181 64 120	164	352	465 5	131 221 66 122	Firestone Blvd @ San Gabriel Blvd. SW. Cor.
3	145	401	446 5	109 184 72 192	186	028	487 5	151 222 70 192	F.B. 3700-129
4	143	980	444 5	102 176 82 274	182	810	483 5	142 197 80 272	T. Rodriguez
5	137	238	438 5	98 177 78 352	157	651	458 5	117 150 80 352	
6	158	360	459 5	139 165 38 390	132	570	433 5	114 62 36 388	
7	163	701	464 5	161 394 4	59	180	360 5	56 394 6	
8	1086030		5		1059240			394 788	
	1059240								
B.M. 68-4 +	26790								

1945

B.M. 68-4 (U.S.C.&G.S. K-777) Firestone Blvd. & Dearborn Ave., S.W. Cor. of H. School Aud. F.B. 3700-127

F.B. 4104 PG. 202 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Andersard 10-22-70

INDEXED _____ DATE _____

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

RERUN

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 68-4 TO B.M. 68-5
B.M. 68-4			50			183	B.M. 68-4 (U.S.C.&G.S. K-777 1945)
1	39 201	340 5	28 22	170 300	471 5	157 26	FIRESTONE BLVD. & DEARBORN AVE.
	153		184			196	S.W. COR. OF HI SCHOOL AUD.
2	~~152~~ 149	454 5	122 62	164 099	465 5	132 64	F.B. 3700-127
			220 84			173 90	
3	181 449	482 5	142 78	136 671	437 5	99 74	
			222 162			170 164	
4	180 310	481 5	138 84	125 030	426 5	80 90	T RODRIGUEZ
			209 246			186 254	RERUN
5	169 268	470 5	129 80	149 429	450 5	112 74	
			195 326			200 328	
6	159 759	460 5	123 72	164 830	465 5	128 72	
			172 398			172 400	
7	170 502	471 5	168 4	170 268	471 5	168 4	
			402 ✓			404 ✓	
B.M. 68-5 +	1053638 ✓			− 1080627 ✓		402	B.M. 68-5 (U.S.C.&G.S. L-777 1945)
				+ 1053638		806 ✓	FIRESTONE BLVD. & SAN GABRIEL AVE.
				− 26 989 ✓			S.W. COR.
							F.B. 3700-129

T = 840

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

SURVEY BY J. RANDALL WEATHER CLEAR & COLD INST. NO. 96716

NOTES BY R. ANDERSON DATE 28-OCT. '70 TIME 1415 ROD NO. 1713 & 1820

INDEXED DATE NOTES CHKD R.O.S. DATE 11-19-70

F.B. 4104 PG. 203

F.B. 4104 PG. 204 | 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 ____
							NO RUN THIS DIRECTION
							SEE OVER FOR RERUN

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 V. PAULDEN WEATHER CLEAR & CALM INST. NO. 96716

NOTES BY R. BAUDERSON DATE 2-NOV. 1970 TIME 14:10 ROD NO. 1713 R.B.

INDEXED DATE NOTES CHKD. R.B. DATE 11-17-70

T = 78°

F.B. 4104 PG. 205

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 68-5									FROM B.M. 68-5 TO B.M. 68-6
1	168	013	469	5	146	051	447	5	B.M. 68-5 (U.S.C.&G.S. L-777)
				156 (180) 24				135 (157) 22	
2	156	623	457	5	169	743	470	5	FIRESTONE @ San Gabriel - S.W. COR.
				196 / 156 ½ 80				208 / 130 78	F.B. 3700-129
3	182	602	483	5	141	626	442	5	π Maldonado
				218 / 146 72				180 / 102 78	
4	152	497	453	5	141	030	442	5	
				188 / 116 72				176 / 106 70	
5	153	892	454	5	146	388	447	5	
				169 / 137 32				162 / 130 32	
6	118	457	419	5	72	868	373	5	
				122 / 114 8				75 / 69 6	
B.M. 68-6				288 ✓				286 ✓	
								288	B.M. 68-6 (U.S.C.&G.S. M-777 1945)
	932	084 ✓			817	706 ✓		574 ✓	FIRESTONE BLVD. & OTIS ST.
	817	706							S.W. COR.
+	114	378 ✓							F.B. 3700-131

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4104 PG. 206 JOB NO. 0301.02

SURVEY OF T = 60°

SURVEY BY PANOALL NOTES ANDERSON DATE: 4-Nov. 170

INDEXED DATE

WEATHER OVERCAST & CALM INST. NO. 96716

TIME 08:50 ROD NO. 17A-8

NOTES CHKD R.B.B. DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 68-6 TO B.M. 68-5
B.M. 68-6				78				124	B.M. 68-6 (U.S.C.&G.S. M-777 1945
1	74	169	375 5	70 8	120	721	421 5	116 8	FIRESTONE BLVD. & OTIS ST.
				187				201	S.W. COR.
2	149	130	450 5	111 76	162	073	463 5	123 78	F.B. 3700-131
				179 84				192 86	
3	142	187	443 5	105 74	154	528	455 5	116 76	T MALDONADO
				177 158				201 162	
4	139	319	440 5	101 76	166	976	467 5	131 70	
				184 234				208 232	
5	157	832	458 5	130 54	181	623	482 5	154 54	
				166 288				158 286	
6	163	861	464 5	160 6	154	822	455 5	150 8	
				294 ✓				294 ✓	
B.M. 68-5								294	B.M. 68-5 (U.S.C.&G.S. L-777 1945
+	826	498 ✓		-	940	743 ✓		588 ✓	FIRESTONE BLVD & SAN GABRIEL
				+	826	498			AVE. S.W. COR.
				=	114	245 ✓			F.B. 3700-129

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 68-6									FROM B.M. 68-6 TO B.M. 68-7
1	55	612	356 S	59 / 51 8	102	025	403 S	106 / 98 8	B.M. 68-6 Firestone @ Otis F.B. 3700-131
2	120	807	421 S	123 / 117 6 / 14	120	953	421 S	123 / 117 6 / 14	
3	121	272	422 S	139 / 103 36 / 50	112	702	413 S	130 / 94 36 / 50	T Anderson
4	138	290	439 S	181 / 95 86 / 136	146	842	447 S	186 / 106 80 / 130	
5	135	592	436 S	178 / 95 80 / 216	147	694	448 S	190 / 104 86 / 216	
6	110	952	411 S	148 / 72 76 / 292	170	092	471 S	208 / 132 76 / 292	
7	88	938	389 S	130 / 46 84 / 376	185	893	486 S	227 / 143 84 / 376	
8	154	067	455 S	177 / 131 46 / 422 ✓	167	420	468 S	191 / 143 48 / 424 ✓	
	+ 925	530 ✓			- 1153	621 ✓		422	B.M. 68-7
B.M. 68-7					+ 925	530		846 ✓	Firestone @ Annetta F.B. 3700-133
					- 228	091 ✓			

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

SURVEY BY Randall WEATHER Haze INST. NO. 75234

NOTES BY " DATE 19-Oct-70 TIME 10:00 ROD NO. 1713A-B

INDEXED DATE NOTES CHKD. RGD DATE

F.B. 4104 PG. 207

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F.B. 4104 PG. 208 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Randall 26 Oct. 70

INDEXED DATE

WEATHER Haze INST. NO. 96716

TIME 1-14:45 ROD NO. 1713A-B

NOTES CHKD R.W.B. DATE

T = 760

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 68-7									From B.M. 68-7 To B.M. 68-6
1	168	389	469 5	199 137 62	121	606	422 5	153 89 66	B.M. 68-7
2	158	890	459 5	192 124 68	97	769	398 5	190 64 66	Firestone @ Annetta F.B. 3700-133
3	174	203	475 5	210 138 72 130	117	220	418 5	154 80 74 130	⊼ Anderson
4	142	400 ~~200~~	443 5	174 110 64 204	115	762	416 5	½) 147 115 64 204	
5	144	742	445 5	177 111 66 266	136	051	437 5	171 101 70 268	
6	139	518	440 5	161 117 44 332	143	388	444 5	162 124 38 338	
7	133	092	434 5	157 109 48 376	147	273	448 5	171 123 48 376	
8	153	451	454 5	(424) 148 10 384	153	848	454 5	158 148 10 424	
9	124	870	425 5	158 121 6 434	124	724	425 5	158 121 6 434	
10	102	382	403 5	127 98 8 440	56	004	357 5	60 52 8 440	B.M. 68-6
				106 448 ✓				448 ✓	Firestone @ Ohio F.B. 3700-131
B.M. 68-6 +	1441	937 ✓			1213	645 ✓		448 896 ✓	
−	1213	645							
+	228	292 ✓							

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 Hazy INST. NO 75734

NOTES BY Rodriguez DATE 10-19-70 TIME 10:45 ROD NO 17134B

INDEXED DATE NOTES CHKD. RGB DATE 11-11-70

T = 70°

F.B. 4104 PG. 209

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
BM68-7							From BM68-7 To BM68-8
1	143 603	444 5	180 (1/2) 143 74	150 019	451 5	187 (1/2) 113 74	B.M 68-7
2	127 610	428 5	163 91 72 / 146	170 655	471 5	205 135 70 / 144	Firestone Blvd @ Annetta Av. N.W. Cor. F.B 3700-133
3	143 982	444 5	168 118 50	148 631	449 5	173 123 50	T Anderson
4	144 078	445 5	161 127 34 / 230 ✓	164 451	465 5	181 147 34 / 228 ✓	
BM68-8	559273 ✓			633756 ✓ / 559273 / 74483 ✓		230 / 458	BM68-8 Firestone @ Atlantic Blvd. N.W Cor, @ Arco Station F.B 3700-135

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INST. NO. 96716 ROD NO. 1713 AB DATE 11-18-70

WEATHER HAZY TEMP. TIME 2:30 NOTES CHKD. RG

F.B. 4104 PG. 210 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Kendall NOTES Rodriguez 10-26-70

INDEXED DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM68-8									From BM68-8 To BM68-7
1	166	437	467 5	198 134 64	126	860	427 5	158 94 64	BM68-8
									Firestone @ Atlantic
2	141	178	442 5	173 109 64 128	136	857	437 5	168 104 64 128	N.W. Cor Arco station
									F.B. 3700-135
3	146	310	447 5	179 113 66 194	108	732	409 5	141 75 66 194	↑ Anderson
4	120	592	421 5	129 111 18 212 ✓	127	308	428 5	137 117 20 214 ✓	
	+ 574	517 ✓			499	757 ✓		212 426 ✓	BM68-7
BM68-7	499	757							Firestone @ Annetta
	+ 74	760 ✓							Av. N.W. Cor
									F.B. 3700-133

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
									No Run This direction
									See over for Rerun

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

SURVEY BY J. Randall WEATHER _____ INST. NO. _____

NOTES BY _____ DATE _____ TIME _____ ROD NO. _____

INDEXED _____ DATE _____ NOTES CHKD _____ DATE _____

F.B. 4/04 PG. 211

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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.

RERUN

F.B. 4104 PG. 212 | JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Donald NOTES 120 Dequez 10-28-70

INDEXED DATE

T=86

WEATHER Hazy | INST. NO. 96716

TIME 3:10 | ROD NO. 713HE

NOTES CHKD RBR | DATE 11-13-70

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM68-8									From BM68-8 To BM68-7
1	161	403	462	5	178 / 144	34	128 / 862	429	5	145 / 111	32	BM68-8 FIRESTONE @ ATLANTIC N.W COR. ARCO STATION F.B. 3700-135
2	146	448	447	5	181 / 111	70 / 104	134	222	435	5	169 / 99	70 / 102	
3	135	011	436	5	166 / 104	62 / 166	123	760	424	5	154 / 92	62 / 164	ANDERSON RERUN
4	133	837	434	5	156 / 110	46 / 212	115	256	414	5	116 / 48 / 121	48 / 212	
B.M. 68-7	+ 576 699						- 502 100					212 / 424	BM 68-7 FIRESTONE @ ANNETTA AV. N.W COR. F.B 3700-133
	- 502 100												
	+ 74 599												

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 Hazy T = 72°

NOTES BY Rodriguez DATE 10-18-70 TIME 11:10 INST. NO. 75234

INDEXED DATE NOTES CHKD R.B. DATE 11-19-70 ROD NO. 113 HB

F.B. 4104 PG. 213

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 68-8													From BM68-8 To BM68-9
1	146	832	447	5	185 107	78	130	794	431	5	168 92	76	BM68-8
													Firestone @ Atlantic Blvd
2	145	028	446	5	176 114	62	167	002	468	5	197 137	60	N.W. cor. arco station
						140						136	F.B. 3700-135
3	170	334	471	5	201 139	62	88	973	389	5	117 59	58	
						202						194	T Anderson
4	118	568	419	5	153 83	70	166	312	467	5	204 128	76	
						272						270	
5	120	568	421	5	157 83	74	176	424	477	5	213 139	74	
						346						344	
6	163	002	464	5	186 140	46	68	937	369	5	91 45	46	
						392						390	
7	204	362	505	5	218 190	28	9	372	310	5	1½) 24 9	30	
						420						420	
8	256	493	557	5	270 242	28	21	034	322	5	35 7	28	
						448						448	
9	169	908	470	5	174 164	10	64	712	365	5	69 59	10	
						458 ✓						458 ✓	
BM68-9												468	BM68-9
	1495095 ✓						893560 ✓					916 ✓	Firestone @ west side L.A. River bridge. Southly wing wall.
	893560												F.B. 3700-137
	+601535 ✓												

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T=76°

F.B. 4104 PG. 214 | JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Rodriguez NOTES Rodriguez 10-26-70 DATE

INDEXED

WEATHER Haze TIME 1:10 NOTES CHKD RCB

INST. NO. 96716 ROD NO. 713W2 DATE 11-19-70

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM68-9									From BM68-9 To BM68-8
1	25	794	3265	36 14 22	234	002	5355	243 223 22	BM68-9
2	7	652	3085	1/2) 21 7 28	239	705	5405	254 224 30	Firestone Blvd @ West Side L.A. River bridge
3	18	110	3195	1/2) 38 18 40 50	187	558	4885	208 166 42 52	50, wing wall FB 3700-137
4	128	678	4295	160 96 64 90	128	630	4295	158 98 60 94	⊼ Anderson
5	149	110	4505	184 114 70 154	124	478	4255	161 87 74 154	
6	198	765	4995	238 158 80 224	217	636	5185	255 179 76 228	
7	161	285	4625	190 132 58 304	133	771	4345	162 104 58 304	
8	129	229	4305	167 91 76 362	143	810	4445	180 106 74 362	
9	144	040	4455	1/2) 164 144 ~~40~~ 438	124	648	4255	144 104 40 436	
BM68-8 10	128	302	4295	135 121 ~~158~~ 478	157	802	4585	164 150 ~~478~~ 476	BM68-8
	+ 1090965 ✓			14 492 ✓	1692040 ✓			~~454~~ 14 490 492 982 ✓	Firestone @ Atlantic Blvd NW cor ARCO station FB 3700-135
					1090965				
					− 601075 ✓				

76P526B CE # 308 8/68

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RERUN

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

SURVEY BY Randall WEATHER Overcast INST. NO. 9716

NOTES BY Rodriguez DATE 10-29-70 TIME 9:00 ROD NO. 1213 A3

INDEXED DATE NOTES CHKD R.B. DATE 11-19-70

T=720

F.B. 4104 PG. 215

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM68-8	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM68-8 TO BM68-9
1.	149	520	450 5	188 110 78	133	142	434 5	172 94 78	BM 68-8
2.	140	275	441 5	177 103 74	165	033	466 5	202 128 74	FIRESTONE @ ATLANTIC Blvd N.W COR. ARCO STATION
3.	202	042	503 5	152 241 163 78	149	751	450 5	188 110 78	FB 3700 - 135
4	126	188	427 5	230 161 91 70	166	839	467 5	230 200 132 68	⊤ ANDERSON RERUN
5	73	159	374 5	300 108 38 70	81	270	382 5	298 118 44 74	
6	184	019	485 5	370 201 167 34	50	862	351 5	372 66 34 32	
7	208 ~~50~~	251 ~~862~~	509 5 ~~351~~ 5	404 ~~66~~ 385 ~~34~~ 26	27	832	328 5	404 39 15 24	
8	260	598	561 5	430 274 246 28	32	230	333 5	428 46 18 28	
9	152	529	453 5	458 154 150 04	88	311	389 5	456 96 86 04	
				462				460	
	+ 1496	581			- 895	270		462	
BM68-9	- 895	270						922	BM68-9
	+ 601	311							FIRESTONE @ West side L.A. River bridge, SO wing wall
									FB 3700-137

F.B. 4104 PG. 216 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
							No Run This Direction
							See Over For Rerun

76P526B CE # 308 8/68

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

SURVEY BY J. R. BANDALL WEATHER CLEAR & COOL INST. NO. 75234

NOTES BY R. RUDERSON DATE 19-OCT. '70 TIME 13:20 ROD NO. 01314-B

INDEXED DATE NOTES CHKD RGS DATE 11-19-70

T = 72°

F.B. 4104 PG. 217

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 68-9 TO B.M. 68-10
B.M. 68-9			302			299	B.M. 68-9
1	266 022	567 5	230 72	262 130	563 5	225 74	FIRESTONE BLVD. & L.A. RIVER BR.
			112			154	W. SIDE IN SO'LY WING WALL
2	85 171	384 5	58 54	127 679	428 5	100 54	F.B. 3700-137
			209 126			273 128	
3	180 110	481 5	151 58	243 182	544 5	213 60	↑ RODRIGUEZ
			32 184			291 188	
4	10 821	311 5	10 ½ 44	291 310	592 5	271½ 40	
			22 228			263 228	
5	4 031	305 5	4 ½ 36	245 721	546 5	229 38	
			149 264			177 264	
6	112 369	413 5	75 74	141 652	442 5	105 72	
	311		192 338			162 336	
7	164 ~~228~~	465 5	136 56	133 772	434 5	104 58	
		5	166 394			202 394	
8	152 809	453 5	138 28	188 609	489 5	174 28	
			422 ✓			422 ✓	
						422	B.M. 68-10
B.M. 68-10							
	975 644 ✓			1634055 ✓		844 ✓	FIRESTONE BLVD. & GARFIELD
				975644			N.W. COR. - ARCO STN.
				-658411 ✓			F.B. 3700-139

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F.B. 4104 PG. 218 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Anderson DATE 12-Oct. 170

INDEXED DATE

WEATHER CLEAR & CALM INST. NO. 96716

TIME 11:15 ROD NO. 1213 Am

NOTES CHKD R.O.B. DATE 11-19-70

T = 76°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 68-10 TO B.M. 68-9
B.M. 68-10	101		196			194	B.M. 68-10
1	170 ~~106~~	471 5	144 52	169 931	470 5	144 50	FIRESTONE BLVD. & GARFIELD
			172			200	N.W. COR. ARCO STATION
2	137 078	438 5	102 70	165 552	466 5	130 70	F.B. 3700-139
			276 122			37 120	
3	252 178	553 5	228 48	12 548	313 5	12½ 50	
			267 170			130 170	
4	257 792	558 5	247 20	120 220	421 5	110 20	
			272 190			100 190	T RODRIGUEZ
5	262 152	563 5	252 20	90 952	391 5	80 20	
			237 210			138 210	
6	237 508	538 5	212 ½ 50	113 209	414 5	88 50	
			130 260			94 260	
7	93 300	394 5	56 74	58 590	359 5	22 72	
			252 334			273 332	
8	216 522	577 5	180 72	237 091	538 5	201 72	
			406 ✓			404 ✓	
B.M. 68-9	1626 631 ✓			968 093 ✓		406	B.M. 68-9
	968 093					810 ✓	FIRESTONE BLVD. & L.A. RIVER
	+ 658 538 ✓						BRIDGE - W. SIDE IN SO'LY
							WING WALL
							F.B. 3700-137

76P526B CE # 308 8/68

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 19-Oct.'70 WEATHER CLEAR & CALM INST. NO. 25234

TIME 1:35 ROD NO. 17 & 18

INDEXED DATE NOTES CHKD R.G.B. DATE 11-17-70

F.B. 4104 PG. 219

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 68-10 TO B.M. 68-11
B.M. 68-10	190				218						158		B.M. 68-10
1	~~191~~	983	491	5	162	56	132	570	433	5	106	52	FIRESTONE BLVD. & GARFIELD
					206						132		N.W. COR. ARCO STA.
2	179	483	480	5	152	54	104	260	405	5	75	58	F.B. 3700-139
					231	110					105	110	
3	219	880	520	5	207	24	94	312	395	5	83	22	
					285	134					206	132	
4	242	301	543	5	199	86	163	523	464	5	163 ½	86	T RODRIGUEZ
						220 ✓						218 ✓	
B.M. 68-11												220	B.M. 68-11
	832647 ✓						494665 ✓					438 ✓	FIRESTONE BLVD., E. SIDE
	494665												OF RIO HONDO RIVER BRIDGE
	+337982 ✓												SOUTH SIDE
													F.B. 3700-141

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F.B. 4104 PG. 220 JOB NO. 6301.02

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

SURVEY BY Randall NOTES Anderson DATE 26-Oct.70

INDEXED DATE

WEATHER Clear 5°C INST. NO. 9676

TIME 10:40 ROD NO. 273 Rub

NOTES CHKD R.W.B. DATE 11-19-70

T = 790

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From B.M. 68-11 to B.M. 68-10
B.M. 68-11			196			234	B.M. 68-11
1	160 908	461 5	124 72	198 608	499 5	162 72	Firestone Blvd., E. side of
			40			289	Rio Hondo River Br. - South side
2	3 120	304 5	3 1/2 74	252 620	553 5	215 74	F.B. 3700-141
			166 146			186 146	T Rodriguez
3	145 220	446 5	124 42	162 541	463 5	138 48	
			159 188			189 194	
4	145 121	446 5	131 28	178 361	479 5	167 22	
			21 6 ✓			216 ✓	
B.M. 68-10	+ 454 369 ✓			- 792 130 ✓		216	B.M. 68-10
				+ 454 369		432 ✓	Firestone Blvd &
				- 337 761 ✓			Garfield N.W. Cor.
							Arco Station
							F.B. 3700-139

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
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 68-10 TO B.M. 68-11
B.M. 68-10							B.M. 68-10
1	194 820	495 5	229 159 70	122 418	423 5	158 88 70	FIRESTONE BLVD. & GARFIELD AVE. SEE F.B. 3700-139
2	199 940	500 5	233 165 68	16 530	317 5	148 216 64	
3	241 471	542 5	277 205 72 138	153 900	454 5	191 115 76 134	T = RODRIGUEZ RERUN
4	157 930	458 .5	163 151 12	163 152	464 5	169 157 12	
			222 ✓			210 222 ✓	
B.M. 68-11						222 444	B.M. 68-11 FIRESTONE BLVD. & RIO HONDO RIVER. SEE F.B. 3700-141
	+ 794 161 ✓			- 456 000 ✓			
	- 456 000						
	+ 338 161 ✓						

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

SURVEY BY RANDALL WEATHER HOT - GT. BRZ. INST. NO. 96716

NOTES BY SIEMANN DATE 10-29-70 TIME 11:20 TO 11:40 ROD NO. 1713 & 68

INDEXED DATE NOTES CHKD DATE 11-19-70

T = 84°

F.B. 4104 PG. 221

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

RERUN

F.B. 4104 PG. 222 | JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES SIEMANN 10-29-70

INDEXED _____ DATE _____

WEATHER HOT - LT. BRZ INST. NO. 26716

TIME 1:15 TO 1:35 ROD NO. 11348

NOTES CHKD ROB DATE 11-4-70

T = 88

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 68-11 TO B.M. 68-10
B.M. 68-11							B.M. 68-11
1	162 739	463 5	197 127 70	164 011	465 5	199 129 70	FIRESTONE BLVD. & RIO HONDO RIVER. SEE F.B. 3700-141
2	53 379	354 5	73 33 40 120	252 732	553 5	272 232 40 110	
3	82 151	383 5	107 57 50 160	183 658	484 5	208 156 52 162	T = RODRIGUEZ RERUN
4	155 549	456 5	183 127 56 216 ✓	191 242	492 5	216 166 50 212 ✓	
B.M. 68-10						216 428 ✓	B.M. 68-10 FIRESTONE BLVD. & GARFIELD AVE. SEE F.B. 3700-139
	+ 453 818 ✓			- 791 643 ✓ + 453 818 - 337 825 ✓			

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. RANDOLPH WEATHER CLEAR & CALM INST. NO. 75234

NOTES BY R. ANDERSON DATE 19 OCT. '70 TIME 14:45 ROD NO. 1713 A-B

INDEXED DATE NOTES CHKD. DATE

T = 78°

F.B. 4104 PG. 223

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA	FROM B.M 68-11 TO B.M. 68-12
B.M. 68-11			82				285	B.M. 68-11
1	48220	349 5	48	1/2 68	285411	586 5	251	1/2 68 FIRESTONE BLVD. E. SIDE
			174				166	OF RIO HONDO RIVER BRIDGE
2	141 101	4425	108	66	133 901	434 5	100	66 SOUTH SIDE
			200	134			147	134 F.B. 3700-141
3	164953	465 5	128	72	110 901	411 5	73	74
			187	206			202	208
4	154190	455 5	121	66	169 228	470 5	136	66
			147	272			136	274 T. RODRIGUEZ
5	128 392	429 5	109	38	118 060	419 5	100	36
			146	310			205	310
6	141 458	442 5	136	10	200 762	501 5	195	10
				320	✓			320 ✓
B.M. 68-12								320
	778314 ✓				1018263 ✓			640 ✓ B.M. 68-12
					778314			FIRESTONE BLVD. & RIVERSON AVE.
					-239949 ✓			S.E. COR.
								F.B. 3700-143

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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. 4104 PG. 224 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Anderson DATE Oct. '26-'70

INDEXED DATE

WEATHER Clear & Cool INST. NO. 96716

TIME 10:00 ROD NO. 17348

NOTES CHKD R.G.B. DATE 11-19-70

T = 720

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M 68-12 TO B.M. 68-11
B.M. 68-12			210			163	B.M. 68-12
1	185 480	486 5	160 50	138 581	439 5	113 50	FIRESTONE BLVD. & RYERSON
			186			201	AVE. S.E. COR.
2	155 068	456 5	124 62	171 490	472 5	141 60	F.B. 3700-143
			188 112			195 110	
3	157 121	458 5	126 62	164 820	465 5	133 62	
			170 174			228 172	
4	136 570	437 5	102 68	193 291	494 5	158 70	T RODRIGUEZ
			221 242			96 242	
5	200 708	501 5	179 42	75 420	376 5	54 42	
			279 284			129 284	
6	256 170	557 5	233 46	107 251	408 5	85 44	
			330 ✓			328 ✓	
B.M. 68-11	+ 1091 117 ✓			- 850 853 ✓		330	B.M. 68-11
	- 850 853					658 ✓	FIRESTONE BLVD. E. SIDE OF
	+ 240 264 ✓						RIO HONDO RIVER BRIDGE -
							SOUTH SIDE OF FIRESTONE
							F.B. 3700-141

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 DATE 11-2-70 WEATHER Hazy 78° TIME 11:35 INST. NO. 96716

NOTES BY Maldonado ROD NO. 77385B

INDEXED DATE NOTES CHKD DATE 11-19-70

F.B. 4104 PG. 225

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From BM 68-~~12~~ 11 To BM 68-12
BM 68-12							BM 68-12 Rio Hondo Bridge
	52 974	353 5	~~221~~ 80 56	277 107	578 5	277 ~~170~~ 1	Firestone Blvd. & ~~Ryerson~~ Ave
1	~~197 808~~	~~498 5~~	~~173~~ 24 ~~48~~	~~145 215~~	~~446 5~~	~~120~~ 250 2 5	F.B. 3700 - ~~145~~ 141 E. end, S.E. ~~Cor.~~
2	98 848	399 5	135 61 74	120 012	421 5	156 84 72	
3	142 ~~588~~ 545	443 5	176 108 130 68	81 020	382 5	115 47 126 68	
4	147 845	448 5	177 117 198 60	154 ~~745~~ 850	455 5	185 123 194 62	T. Anderso
5	138 728	439 5	153 123 258 30	166 675	467 5	182 150 256 32	
6	143 292	444 5	152 134 288 18	164 567	465 5	173 155 288 18	
			306 ✓			306 ✓	
						306	
	724232 ✓			964231 ✓		612 ✓	
				724232			
				239999 ✓			
BM 68-12							BM 68-12
							Firestone Blvd. & Ryerson Ave
							F.B. 3700-143 S.E. 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.

F.B. 4104 PG. 226 | JOB NO. 0301.02 | SURVEY OF A.Co. Precise Level Net | SURVEY BY Randall | NOTES Mendonado 11-2-70 | DATE | INDEXED

WEATHER Hazy Sun | INST. NO. 86716 | TIME 10:30 | ROD NO. 7/39 EI | NOTES CHKD Rob | DATE

T-76°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 68-12 TO BM 68-11
BM 68-12									BM 68-12 Firestone Blvd. & Ryerson Ave. S.E. Cor. F.B. 3700-143
1	197	808	498 5	221 173 48	145	213	446 5	170 120 50	
2	152	150	453 5	190 114 76	159	320	460 5	196 122 74	
3	91	298	392 5	125 124 57 68	153	404	454 5	184 124 122 62	
4	116	019	417 5	147 192 85 62	71	460	372 5	102 186 40 62	T-Anderson
5	229	020	530 5	244 254 214 30	60	106	361 5	78 248 42 36	
6	148	127	449 5	156 284 140 16	104	722	405 5	112 284 96 16	
				300 ✓				300 ✓	
								300	
	934	422 ✓			694	225 ✓		600 ✓	
	694	225							
BM 68-11	240	197 ✓							BM 68-11 Firestone Blvd. @ E. end of Rio Hondo Bridge. So. Side F.B. 3700-141

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 WEATHER Overcast INST. NO. 46716

NOTES BY Rodriguez DATE 10-20-70 TIME 9:00 ROD NO. 1713 AB

INDEXED _____ DATE _____ NOTES CHKD. RSB DATE 11-9-70

F=68

F.B. 4104 Pg. 227

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM68-12	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM68-12 TO BM68-13
1	173	523	474 5	186 160 26	140	440	441 5	153 127 26	BM 68-12
									FIRESTONE & RYERSON AV.
2	128	866	424 5	162 94 68	136	518	437 5	171 101 70	S X E COR
				94				96	F.B 3700 - 143
3	121	720	422 5	148 94 54	123	142	424 5	150 96 54	
				148				150	X ANDERSON
4	134	855	435 5	170 98 72	96	870	397 5	130 62 68	
				220				218	
5	187	132	488 5	215 159 56	161	837	462 5	190 132 58	
				276				276	
6	129	519	430 5	152 106 46	145	322 ~~232~~	446 5	168 122 46	
				322				322	
7	161	642	462 5	201 121 80	148	121	449 5	187 109 78	
				402				400	
8	147	883	448 5	172 122 50	114	137	415 5	140 88 52	
				452 ✓				452 ✓	
BM68-13								452	BM 68-13
	1185140 ✓				1066387 ✓			904	✓ FIRESTONE @ Wiley Burke AV
	1066387								Flood CONTROL BASIN N.E COR
	~~1066~~								F.B 3700 - 145
	+118753 ✓								

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INST. NO. 96716
ROD NO. 1773 48
DATE 11-14-73

WEATHER Clear
TIME 9:00
NOTES CHKD R.G.B.

T=68°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM68-13									FROM B.M. 68-13 TO B.M. 68-12
									BM68-13
1	111	273	412.5	145 77 68	142	012	443.5	176 108 68	FIRESTONE & WILCY
									BURKE AV.
2	131	795	432.5	166 96 70	120	576	421.5	156 84 72	FLOOD CONTROL BASIN
								140	N.E. COR.
3	114	777	415.5	147 81 66	95	804	396.5	129 61 68	F.B. 3700-145
				138					
4	49	578	350.5	78 20 58	150	590	451.5	177 123 54	T ANDERSON
				204				208	
5	153	650	454.5	190 116 74	139	778	440.5	176 102 74	
				262				262	
6	141	977	442.5	175 107 68	137	687	438.5	172 102 70	
				336				336	
7	143	208	444.5	159 127 32	133	642 22	434.5	118 148 30	
				404				406	
8	121	688	422.5	145 97 48	164	764	467.5	190 142 48	
				436				436	
				484 ✓				484 ✓	
	+ 967	946 ✓			- 1086	893 ✓		484	BM 68-12
					+ 967	946		968	FIRESTONE @ RYEIRSON
					- 118	947 ✓			AV. S.E. COR
									F.B 3700-143

F.B. 4104 PG. 228

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Rudell NOTES Rodeig

INDEXED DATE

76P526B CE # 308 8/88

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM68-13	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM68-13 TO BM 7-8B
1	172	052	473 5	208 136 72	117	630	418 5	153 81 72	BM68-13
									FIRESTONE @ Wiley BURKE
2	163	638	464 5	196 130 66	117	712	418 5	150 84 66	AV. N.E COR IN Catch
				138				138	Basin
3	167	128	468 5	208 126 82	131	715	432 5	172 90 82	F.B 3700-145
				220				220	
4	128	893	429 5	170 86 84	115	648	416 5	156 74 82	⊼ Anderson
				304				302	
5	134	042	435 5	155 113 42	140	648	441 5	161 119 42	
				346				349	
6	94	470	395 5	123 45 58	130	469	431 5	160 100 60	
				404 ✓				409 ✓	
+	860	223 ✓			753	822 ✓		404	
BM 7-8B -	753	822						808 ✓	BM 7-8B
+	106	401 ✓							PARAMOUNT Blvd @ FIRESTONE
									N.W COR, ~~of~~ IN Catch BASIN
									F.B.

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

SURVEY BY Randall WEATHER Hazy INST. NO. 96716

NOTES BY Rodriguez DATE 10-28-70 TIME 9:00 ROD NO. 173HB

INDEXED DATE NOTES CHKD RGB DATE

F.B. 4104 PG. 229

7=72

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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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INST. NO. 96716
ROD NO. 173 AB
DATE 11-14-70

WEATHER Hazy
TIME 11:10
NOTES CHKD RLB

T=86°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 7-8B									FROM BM 7-8B TO BM 68-13
1	157	211	458 5	173 141 32	133	482	434 5	150 116 34	BM ~~68-13~~ 7-8B Paramount @ Firestone
2	156	023	457 5	193 119 74	138	528	439 5	174 102 72	Blvd. N.W COR IN Catch
				106				106	Basin
3	125	464	426 5	159 91 68	152	660	453 5	187 117 70	F.B.
				174				176	
4	128	480	429 5	164 92 72	141	757	442 5	176 106 70	Anderson
				246				246	
5	114	522	415 5	147 81 66	166	391	447 5	200 132 68	
				312				314	
6	117	452	418 5	156 78 78	172	884	473 5	212 132 80	
				390 ✓				394 ✓	
+	799	152 ✓		-	905	702 ✓		390	
BM 68-13				+	799	152		784 ✓	BM 68-13
				-	106	550 ✓			Firestone @ Wiley Burke
									Av. N.E COR IN Catch
									Basin
									F.B 3700 - 145

F.B. 4104 PG. 230

JOB NO. 0801.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 10-28-70

INDEXED

DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY Rodriguez WEATHER Hazy INST. NO. 96716

NOTES BY Rancgll DATE 10-28-70 TIME 1010 ROD NO. 1713 HB

INDEXED DATE NOTES CHKD. RGD DATE 11-[illegible]

F.B. 4104 PG. 231

T = 78°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM7-8B									From BM7-8B To BM68-14
1	112	109	413	5	198	760	499	5	BM 7-8B
				146 78 68				233 163 70	Paramount @ Firestone
2	117	732	418	5	133	159	434	5	N.W. COR IN catch Basin
				156 78 78				170 96 74	FB. 3706-74
3	151	137	452	5	132	755	433	5	
				184 118 66				144 167 97 70	
4	148	653	449	5	97	572	398	5	T Anderson
				212 181 115 66				214 129 65 64	
5	122	872	423	5	113	560	414	5	
				278 195 99 46				278 137 89 48	
6	158	672	459	5	198	849	499	5	
				324 164 152 12				326 203 193 10	
				336 ✓				336 ✓	
BM68-14 +	811	175 ✓			- 874 655 ✓			336	BM68-14
					+ 811 175			672 ✓	Downey Av @ S.P.R.R. X-ing
					- 63 480 ✓				FB 3700-147

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INST. NO. 96716 ROD NO. 173 48 DATE 11-19-70

WEATHER Hazy TIME 10:30 NOTES CHKD RGB

T=84

F.B. 4104 PG. 232 JOB NO. 0301.02

SURVEY OF Precise Level Net

SURVEY BY Rancilio NOTES Rodriguez 10-28-70

INDEXED DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM68-14									FROM BM68-14 TO BM7-8B
1	156	868	457 5	177 138 36	143	488	444 5	162 124 38	BM68-14
2	190	580	491 5	227 153 74	180	590	481 5	216 144 72	DOWNEY AV. @ S.P.R.R. X-ING
				110				110	F.B 3700-147
3	124	902	425 5	158 90 68	150	171	451 5	184 116 68	
				178				178	
4	137	280	435 5	169 99 70	148	353	449 5	183 113 70	⊤ ANDERSON
				248				248	
5	153	501	454 5	181 125 56	126	667	427 5	154 98 56	
				304				304	
6	163	876	464 5	182 144 38	110	952	411 5	129 91 38	
				342				342	BM
BM7-8B	+ 924	007 ✓			- 860	221 ✓		342	BM7-8B
	- 860	221						684	PARAMOUNT @ FIRESTONE Blvd., N.W COR IN Catch Basin
	+ 63	786 ✓							F.B. 3706-74

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. RERUN

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 7-8B TO BM 68-14
BM 7-8B							BM 7-8B PARAMOUNT @ FIRESTONE N-W COR IN CATCH BASIN F.B.
1.	124 038	425 5	156 92 64	194 839	495 5	226 162 64	
2.	100 272	401 5	147 53 94	128 660	429 5	173 83 90	
			158			154	T ANDERSON RERUN
3	151 262	452 5	181 121 60	134 673	435 5	165 103 62	
			218			216	
4	151 038	452 5	184 118 66	100 286	401 5	131 69 62	
			284			278	
5	118 781	419 5	142 94 48	91 262	392 5	119 63 56	
			332			334	
6	142 169	443 5	146 138 08	201 197	502 5	205 197 08	
			340			342	
BM 68-14	787 560			850 917		340	BM 68-14
				+ 787 560		682	DOWNEY AV @ S.P.R.R X-ING
				- 63 357			F.B. 3700-147

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

SURVEY BY Rodriguez DATE 10-29-70 WEATHER overcast INST. NO. 9676

NOTES BY Randall TIME 2:10 ROD NO. 17348

INDEXED DATE NOTES CHKD RGB DATE 11-19-70

T-88

F.B. 4104 PG. 233

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

INST. NO. 96716 ROD NO. 173 AB DATE 11-14-70

WEATHER HAZY TIME 2:50 NOTES CHKD. RB3

T=88°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
BM68-14							From BM68-14 To BM68-7-8B
1	156 648	457 5	173 3 / 139 34	144 272	445 5	161 / 127 34	BM68-14
2	187 950	488 5	226 / 148 78	177 067	478 5	213 / 141 72	DOWNEY AV @ S.P.R.R. X-ING
3	122 198	423 5	156 112 / 88 68	147 518	448 5	185 106 / 109 76	F.B 3700-147
4	134 283	435 5	180 / 166 102 64	148 612	449 5	178 182 / 118 60	⊤ ANDERSON RERUN
5	150 566	451 5	244 / 180 120 60	118 793	419 5	150 242 / 86 64	
6	169 112	470 5	304 / 188 150 38	120 762	421 5	306 / 138 102 36	
			342 ✓			342 ✓	
BM68-7-8B +	920 757 ✓			857 024 ✓		342	BM68-7-8B
	- 857 024					684 ✓	PARAMOUNT & FIRESTONE. N.W COR IN CATCH BASIN F.B.
	+ 63 733 ✓					684	

F.B. 4104 PG. 254 JOB NO. 0301.02

SURVEY OF Precise Level Net

SURVEY BY Randall/Rodriguez DATE 10-29-70

INDEXED NOTES DATE

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 30 - OCT. '70 TIME 14:50 WEATHER OVERCAST & CALM INST. NO. 96716 ROD NO. 17138-B

INDEXED DATE NOTES CHKD. R.B. DATE 11-19-70

T = 80°

F.B. 4104 PG. 235

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 7-8B TO B.M. 68-14
B.M. 7-8B				175				251	B.M. 7-8B
1	142	918	443 5	109 66	218	510	519 5	185 66	FIRESTONE BLVD. & PARAMOUNT
		950		166				192	BLVD. N.W. COR.
2	126	~~550~~	427 5	86 80	153	731	454 5	114 78	F.B. 3706-74
				212 146				192 144	
3	173	310	474 5	134 78	152	680	453 5	112 80	T SIEMANN
				194 224				150 224	
4	169	970	470 5	144 50	120	859	421 5	90 60	
				164 274				156 284	
5	139	510	440 5	114 50	135	150	436 5	114 42	
				147 324				~~183~~ 326	181
6	140	220	441 5	133 14	175	610	476 5	~~169~~ 12	169
				338 ✓				338 ✓	
B.M. 68-14 +	892	878 ✓			- 956	540 ✓		338	B.M. 68-14
					+ 892	878		676 ✓	DOWNEY AVE. @ S.P.R.R. X'ING
					- 63	662 ✓			F.B. 3700-147

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4104 PG. 236 | JOB NO. 0301.02

SURVEY OF Precise Level Net

SURVEY BY Randall Anderson DATE: 30-Oct. '70

INDEXED _____ DATE _____

NOTES CHKD RGB DATE 11-19-70

WEATHER Clear & Calm INST. NO. 96716

TIME 14:15 ROD NO. 1713A

T = 80°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From B.M. 68-14 To B.M. 7-8B
B.M. 68-14			216			186	B.M. 68-14
1	183 117	484 5	150 66	154 108	455 5	122 64	Downey Ave. @ S.P.R.R. X ing
			194			217	F.B. 3700-147
2	159 112	460 5	124 70	179 950	480 5	141 76	
			185 136			198 140	
3	149 021	450 5	113 72	163 670	464 5	128 70	T Siemann
			179 208			181 210	
4	149 891	450 5	119 60	150 800	451 5	119 62	
			181 268			151 272	
5	162 099	463 6	143 38	133 670	434 5	115 36	
			208 306			165 308	
6	193 681	494 5	178 30	151 422	452 5	137 28	
			336			336	
B.M. 7-8B	+ ~~996 920~~	996 921	-	933 620		336	B.M. 7-8B
	- 933 620					672	Firestone Blvd. & Paramount Blvd. N.W. Cor.
	+ ~~63 300~~						F.B. 3706-74
	+ 63 301						

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Rendall WEATHER Overcast INST. NO. 72716
NOTES BY Rodriguez DATE 10-20-70 TIME 11:00 ROD NO. 1713 AB
INDEXED DATE NOTES CHKD RGB DATE 11-11-70

F.B. 4104 PG. 237

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
BM68-14							FROM BM68-14 TO BM68-15
1	166 542	467 5	203 129 74	150 650	451 5	187 113 74	BM68-14
							DOWNEY AV. @ S.P.R.R. X-ING
2	157 553	458 5	192 122 70	150 160	451 5	185 115 70	F.B 3700-147
			144			144	
3	143 742	444 5	177 109 68	152 432	453 5	186 118 68	↑ ANDERSON
			212			212	
4	124 804	425 5	158 90 68	148 113	449 5	180 116 69	
			280			276	
5	154 ~~142~~ 442	455 5	188 120 68	166 957	467 5	202 130 72	
			348			348	
6	85 154	386 5	119 51 68	158 ~~800~~ 754	459 5	192 124 68	
			416			416	
7	130 928	431 5	164 96 68	157 830	458 5	192 122 70	
			484			486	
8	147 296	448 5	155 139 16	151 160	452 5	158 144 14	
			500 ✓			500 ✓	
						500	
	1110 461 ✓			1236 056 ✓		1000 ✓	BM68-15
				1110 461			LAKEWOOD BLVD @ S.P.R.R. X-ING
				-125 595 ✓			NO. SIDE.
							F.B 3700-149

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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. 4104 PG. 238 — JOB NO. 0301.02 — SURVEY OF L.A.Co. Precise Level Net — SURVEY BY Randall NOTES Rodriguez 10-23-70 — INDEXED ____ DATE ____

WEATHER Overcast — INST. NO. 96716 — TIME 1:40 — ROD NO. 17341 — NOTES CHKD R.G.B. — DATE 11-11-70

T=72°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM68-15 TO BM68-14
BM68-15									BM68-15
1	153	813	454	5	169 / 137	32	134	461	435 5	150 / 118	32	LAKWOOD & S.P.R.R. X-ING
												No. Side
2	154	261	455	5	189 / 119	10	129	845	430 5	164 / 94	70	F.B 3700-149
3	182	260	483	5	218 / 146	102 / 72	131	810	432 5	167 / 95	102 / 72	⊼ Anderson
4	159	146	460	5	192 / 126	174 / 66	133	054	434 5	166 / 100	174 / 66	
5	148	110	449	5	183 / 113	240 / 70	111 ~~112~~	862	412 5	145 / 77	240 / 68	
6	127	457	428	5	161 / 93	310 / 68	124	209	425 5	159 / 89	308 / 60	
7	110	442	411	5	146 / 74	378 / 72	124	880	425 5	160 / 88	378 / 72	
8	153	102	454	5	175 / 131	450 / 44	172	553	473 5	194 / 150	450 / 44	
						494 ✓					494 ✓	
	+ 1188 597 ✓						- 1062 674 ✓				494	BM68-14
	- 1062 674										988 ✓	Downey Av. @ S.P.R.R.
	+ 125 923 ✓											X-ING
												F.B 3700-147

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____
							NO RUN THIS DIRECTION SEE OVER FOR RERUN

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

SURVEY BY J Randall WEATHER INST. NO.

NOTES BY DATE TIME ROD NO.

INDEXED DATE NOTES CHKD DATE

F.B. 4104 PG. 239

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4104 PG. 240 | JOB NO. 0301.02

SURVEY OF LA Co. Precise Level Net

SURVEY BY Randall NOTES N 18/40 37 40 10-30-70

INDEXED DATE

WEATHER Hazy Sun INST. NO. 96711

TIME 8:55 ROD NO. 1718A

NOTES CHKD R.G.B. DATE

T-640°

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM BM 68-15 TO BM 68-14
BM 68-15	*			171					150		BM 68-15
1	154	395	455 5	137	34	133	333	434 5	116	34	Lakewood Blvd. & S.P.R.R. X-ing.
				185					156		No. Side
2	148	898	449 5	111	74	120	190	421 5	84	72	F.B. 3700-149
				224	108	139			176	106	
3	187	215	488 5	150	74	~~140~~	972	440 5	102	74	
				179	182				143	180	
4	142	852	443 5	105	74	108	762	409 5	73	70	
				200	256				182	250	
5	162	268	463 5	124	76	141	892	442 5	100	82	π-Anderson
				170	332				177	332	
6	135	115	436 5	100	70	143	722	444 5	109	68	Re-Run
				138	402				130	400	
7	104	952	405 5	70	68	96	101	397 5	62	68	
				183	470				210	468	
8	170	823	471 5	157	26	196	915	497 5	182	28	
					496 ✓					496 ✓	
										496	
										992 ✓	
	+	1206 518 ✓				-	1080 887 ✓				
	-	1080 887									
	+	~~225 631~~									
	+	125 631 ✓									
BM. 68-14											BM 68-14
											Downey Ave. @ S.P.R.R. X-ing.
											F.B. 3700-147

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY J. Rodriguez NOTES BY P. Anderson DATE 20-Oct.-70 WEATHER Clear/Calm TIME 13:30 INST. NO. RE716 ROD NO. 17318-B

INDEXED DATE NOTES CHKD RGE DATE 11-14-70

T = 72°

F.B. 4104 PG. 241

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM68-15 TO B.M. 68-16
B.M. 68-15							BM68-15
1	214 138	515 5	234 194 40	216 410	517 5	236 196 40	LAKEWOOD BLVD. & S.P.R.R. × ING
							NORTH SIDE
2	163 961	464 5	196 130 66	164 830	465 5	196 132 64	F.B 3700-149
3	141 222	442 5	172 110 62 / 106	153 429	454 5	186 120 66 / 104	T RODRIGUEZ
4	161 931	462 5	196 126 70 / 168	165 113	466 5	199 131 68 / 170	
5	136 541	437 5	168 104 64 / 238	165 841	466 5	193 137 56 / 238	
6	139 881	440 5	172 106 66 / 302	173 049	474 5	211 135 76 / 294	
7	129 711	430 5	164 94 70 / 368	118 960	419 5	152 84 68 / 370	
8	183 913	484 5	200 166 34 / 438	253 589	554 5	271 235 36 / 438	
			472 ✓			474 ✓	
B.M. 68-16						472	B.M. 68-16
	1271 298 ✓			141 221 ✓		946 ✓	WOODRUFF AVE., SOUTH OF
				1271 298			S.P.R.R. & HALL RD.
				139 923 ✓			F.B. 3700-151

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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.

T = 66'

F.B. 4104 PG. 242 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY PANDAY NOTES ANDERSON DATE 23-Oct.'70

INDEXED DATE

WEATHER Overcast & Calm INST. NO. 96716

TIME 11:10 ROD NO. 1713 A&B

NOTES CHKD. R.O.S. DATE 11-19-70

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
											FROM BM68-16 TO BM68-15
B.M. 68-16					241	137				176	B.M. 68-16
1	200	112	501	5	159 82	~~136~~	029	438	5	98 78	WOODRUFF AVE. SOUTH
					177					178	OF S.P.R.R. & HALL RD.
2	147	399	448	5	117 60	146	099	447	5	114 64	F.B. 3700-151
					224 142					180 142	
3	188	938	489	5	152 72	145	271	446	5	110 70	
					201 214					167 212	
4	169	178	470	5	137 64	134	289	435	5	101 66	T RODRIGUEZ
					180 278					202 278	
5	146	090	447	5	112 66	167	829	468	5	132 70	
					215 346					195 348	
6	181	740	482	5	147 68	161	359	462	5	127 68	
					171 414		110			98 416	
7	149	129	450	5	127 44	77	~~10~~	378	5	58 42	
					152 458					224 458	
8	145	138	446	5	138 14	218	832	519	5	212 12	
	+ 1327	724 ✓			472	1187	818 ✓			470 ✓	
B.M. 68-15	- 1187	818								472	B.M. 68-15
	+ 139	906 ✓								942 ✓	LAKEWOOD BLVD. & S.P.R.R. XING
											NORTH SIDE
											F.B. 3700-149

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 20 - OCT. '70 TIME 14:10 WEATHER Cloudy & windy INST. NO. 9716

INDEXED DATE NOTES CHKD. DATE ROD NO. 1713 A.B.

T = 72°

F.B. 4104 PG. 243

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM68-16 TO B.M. 68-17
B.M. 68-16			229			188	B.M. 68-16
1	200 661	501 5	171 58	158 748	459 5	128 60	WOODRUFF AVE. & SOUTH OF
			166			147	S.P.R.R. & HALL RD.
2	136 490	437 5	106 60	118 431	419 5	89 58	F.B. 3700-151
			187 118			220 118	
3	155 171	456 5	123 64	186 481	487 5	152 68	
			205 182			136 186	T RODRIGUEZ
4	174 951	475 5	143 62	104 622	405 5	72 64	
			183 244			75 250	
5	144 849	445 5	105 78	40 640	341 5	5 70	
			253 322			136 320	
6	230 699	531 5	207 46	110 433	411 5	84 52	
			368 ✓			372 ✓	
B.M. 68-17						368	B.M. 68-17
	+ 1042 821 ✓			- 719 355 ✓		740 ✓	S.P.R.R. BRIDGE OVER SAN
	- 719 355						GABRIEL RIVER, 825' ± E.
	+ 323 466 ✓						OF REGENT VIEW AVE.
							F.B. 3700-153

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4104 PG. 244 | JOB NO. 0301.02

SURVEY OF Randall NOTES Anderson DATE 1/23 O.T. "70

SURVEY BY DATE

INDEXED

WEATHER Overcast/Clear TIME 10:05 NOTES CHKD. 2.6 B

INST. NO. ROD NO. DATE 1-19-70

T = 640

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 68-17 TO B.M. 68-16
B.M. 68-17			128			280	B.M. 68-17
1	90 740	391 5	52 76	280 569	581 5	243½ 74	S.P.R.R. BRIDGE OVER
			168			266	San Gabriel River, 825' ±
2	119 329	420 5	70 98	217 172	518 5	168 98	E. of Regent ~~Ave~~. View Ave.
			195 174			164 172	F.B 3700-153
3	163 611	464 5	131 64	131 739	432 5	98 66	
			156 238			187 238	π RODRIGUEZ
4	122 629	423 5	88 68	153 079	454 5	119 68	
	170		200 306			229 306	
5	~~170~~ 948	471 5	140 60	198 368	499 5	167 62	
			175 366			185 368	
6	173 021	474 5	171 4	183 269	484 5	181 4	
	840 278 ✓		370	164 196 ✓		372 ✓	
B.M. 68-16				840 278		370	B.M. 68-16
				- 323 918 ✓		742	WOODRUFF AVE., SOUTH
							OF S.P.R.R. & Hall Rd.
							F.B. 3700-151

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY G. PANDRAL

NOTES BY R. HANDERSON DATE 30-OCT.-70 WEATHER CLEAR & COOL TIME 13:15 INST. NO. 96-716

INDEXED DATE NOTES CHKD. RGB DATE 11/1 ROD NO. 113 A.G.

T = 80°

F.B. 4104 PG. 245

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 68-16 TO B.M. 68-17
B.M. 68-16					225						193		B.M. 68-16
1	203	771	504	5	181	44	170	582	471	5	147	46	WOODRUFF AVE., SOUTH OF
					188						163		S.P.R.R. & HALL RD.
2	154	790	455	5	120	68	132	601	433	5	101	62	F.B. 3700-151
					197	112					231	108	
3	162	631	463	5	127	70	193	310	494	5	155	76	
					214	182					177	184	T SIEMANN
4	180	301	481	5	146	68	142	672	443	5	107	70	RERUN
					229	250					88	254	
5	194	781	495	5	159	70	54	260	355	5	20	68	
					266	320					146	322	
6	243	271	544	5	220	46	122	670	423	5	98	48	
						366 ✓						370 ✓	
B.M. 68-17												366	B.M. 68-17 (U.S.C.&G.S. U-777 1946)
+	1139	545 ✓					- 816	095 ✓				736	S.P.R.R. BRIDGE OVER SAN
-	816	095											GABRIEL RIVER, 825'± E.
+	323	450 ✓											OF REGENT VIEW AVE.
													F.B. 3700-153

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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. 4104 PG. 246 JOB NO. 0301.02

SURVEY OF Rancho

SURVEY BY Anderson NOTES

INDEXED DATE

DATE 2-Nov. '70

WEATHER Overcast & Calm INST. NO. 96716

TIME 08:50 ROD NO. 175 AD

NOTES CHKD R.G.B. DATE 11-19-70

T = 64°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 68-17 TO B.M. 68-16
B.M. 68-17				102				269	B.M. 68-17 (U.S.C.&G.S. U-777 1946
1	68	832	369 5	34 68	235	062	536 5	201 68	S.P.R.R. BRIDGE OVER SAN
				82				182	GABRIEL RIVER, 825'± E.
2	47	870	348 5	12 70	147	512	448 5	112 70	OF REGENT VIEW AVE.
				150 138				154 138	F.B. 3700-153
3	114	158	415 5	78 72	118	228	419 5	82 72	
				175 210				205 210	T - MALDONADO
4	137	442	438 5	99 76	168	212	469 5	131 74	RERUN
				207 286				194 284	
5	173	830	474 5	139 68	161	258	462 5	128 66	
				180 354				218 350	
6	169	807	470 5	158 22	205	288	506 5	192 26	
				376 ✓				376 ✓	
B.M. 68-16								376	B.M. 68-16
+	711	939 ✓			− 1035	560 ✓		752 ✓	WOODRUFF AVE. SOUTH OF
					+ 711	939			S.P.R.R. & HALL RD.
					= 323	621 ✓			F.B. 3700-151

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM B.M. 68-17 TO B.M. 68-18
B.M. 68-17					219					266	B.M. 68-17
1	172	221	473	5	125 94	266	179	567	5	220½ 92	BRIDGE OVER SAN GAB-
					117					216	RIEL RIVER, 825'± E. OF
2	80	551	381	5	43 74	179	149	480	5	142 74	REGENT VIEW AVE.
					103 168					245 166	F.B. 3700-153
3	91	969	392	5	79 24	232	811	533	5	219 26	
					180 192					198 192	
4	145	340	446	5	110 70	164	519	465	5	130 68	T RODRIGUEZ
					176 262					185 260	
5	141	691	442	5	106 70	149	122	450	5	113 72	
					147 332					211 332	
6	182	620	483	5	167 30	195	291	496	5	179 32	
	~~172~~	~~221~~			362	1187	071			364	✓
B.M. 68-18	814	392				814	392			362	B.M. 68-18
						372	679			726	HOXIE AVE., SOUTH OF S.P.R.R.
											@ PROD. OF NORWALK-DOWNEY RD.
											F.B. 3700-155

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON

DATE 20-OCT. '70

WEATHER CLOUDY & WIND

TIME 14:50

INST. NO. 96716

ROD NO. 17134-6

INDEXED

DATE

NOTES CHKD RBB

DATE 11-19-70

T = 70°

F.B. 4104 PG. 247

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. 4104 PG. 248 | JOB NO. 0301.02

SURVEY OF Overcrossing

SURVEY BY Randall NOTES Rudeaux DATE: 23 Oct. '70

INDEXED _____ DATE _____

WEATHER Overcast TIME 09:40 NOTES CHKD. RJB

INST. NO. 96716 ROD NO. 171344 DATE 1-19-70

T = 64°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 68-18 TO B.M. 68-17
B.M. 68-18				206				194	B.M. 68-18
1	172	340	473 5	138 68	161	862	462 5	128 66	HOXIE AVE., SOUTH OF S.P.R.R.
				202				182	PROD. OF DOWNEY + NORWALK RD.
2	166	661	467 5	130 72	147	061	448 5	112 70	F.B. 3700-155
				250				88	136
3	209	811	510 5	168 82	45	481	346 5	2 86	
				255		252		110	222
4	213	481	514 5	171 84	69	~~28~~	370 5	28 82	T RODRIGUEZ
				214				175	304
5	192	861	493 5	170 44	153	271	454 5	131 44	
				164				172	348
6	158	972	459 5	152 12	165	059	466 5	158 14	
	1114	126 ✓		362 ✓	741	986 ✓		362 ✓	B.M. 68-17
	741	986						362	Bridge over San Gabriel River
B.M. 68-17 +	372	140 ✓						724 ✓	F.B. 3700-153

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 J. Randall WEATHER Hazy-Sun INST. NO. 96716

NOTES BY Maldonado DATE 10-30-70 TIME 10:50 ROD NO. 1134-B

INDEXED DATE NOTES CHKD RGB DATE 11-19-70

T-76°

F.B. 4104 Pg. 249

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From BM 68-17 To BM 68-18
BM 68-17			197 1			302	BM 68-17
1	148 928	449 5	148 ½ 98	251 589	552 5	200 102	Bridge over San Gabriel River
			111			199	825 ± E. of Regent View Ave.
2	77 329	378 5	43 68	167 401	468 5	135 64	F.B. 3700-153
			67 166			221 166	
3	32 333	333 5	32 ½ 70	186 433	487 5	151 70	
			179 236			197 236	
4	145 914	446 5	111 68	163 328	464 5	129 68	T-Siemann
			181 304			137 304	RERUN
5	159 430	460 5	137 44	115 061	416 5	93 44	
			174 348			228 348	
6	166 741	467 5	158 16	219 447	520 5	210 18	
			364 ✓			366 ✓	
						364	
+	730 675 ✓		-	103 259 ✓		730 ✓	
			+	730 675			BM 68-18
BM 68-18			-	372 584 ✓			Hoxie Ave. So. of S.P.R.R. @
							Prod. of Norwalk-Downey Rd.
							F.B. 3700-155

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RERUN

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 68-18 TO BM 68-17
BM 68-18				215				211	BM 68-18
1	178	358	479 5	141 74	174	231	475 5	137 74	Hoxie Ave, S. of S.P.R.R. @
				207				169	Prod. of Norwalk-Downey Rd.
2	168	471	469 5	129 78	130	468	431 5	91 78	F.B. 3700-155
	253			292 152	88	657	389 5	~~136~~ 128 152	
3	~~138~~	430	554 5	214 78	~~42~~	~~000~~	~~393~~ ~~5~~	48 80 ~~88~~	
				269 230				127 232	
4	230	982	531 5	191 78	90	266	391 5	53 74	A-Siemann
				205 308				175 306	
5	191	170	492 5	177 28	161	082	462 5	~~185~~ 147 28	RE RUN
				173 336				179 334	
6	160	430	461 5	147 26	165	730	466 5	151 28	
				362 ✓				362 ✓	
								362	
	+ 1182 941 ✓				- 810 434 ✓			724 ✓	
	- 810 434								
	+ 372 407 ✓								
BM 68-17									BM 68-17
									Bridge over San Gabriel
									River, 825'± E. of Regent
									View Ave.
									F.B. 3700-153

T-78°

WEATHER Hazy Sun INST. NO. 96713
TIME 11:25 ROD NO. 273A-2
NOTES CHKD. RGB DATE 11-19-70

F.B. 4104 Pg. 250 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Randall NOTES Maldonado 10-30-70
INDEXED DATE

76P526B CE # 308 8/68

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

SURVEY BY Rodriguez WEATHER Overcast INST. NO. 20716

NOTES BY Randall DATE 10-21-70 TIME 9:25 ROD NO. 17134-8

INDEXED DATE NOTES CHKD DATE 11-11-70

T 62°

F.B. 4104 PG. 251

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 68-18 TO B.M. 68-19
B.M. 68-18									B.M. 68-18
1	144	221	445	5 157 131 26	134	324	435	5 147 121 26	HOXIE AVE., SOUTH OF S.P.R.R. C
									PROD. OF DOWNEY-NORWALK RD. (EAST
2	103	462	404	5 138 68 70	135	853	436	5 169 101 68	F.B. 3700-155
				96				94	
3	153	078	454	5 186 120 66	121	077	422	5 156 86 70	
				162				164	⊼ ANDERSON
4	116	947	417	5 149 83 66	109	138	410	5 140 78 62	
				228				226	
5	52	335	353	5 87 17 70	139	288	440	5 171 107 64	
				298				290	
6	120	707	421	5 143 97 46	108	443	409	5 132 84 48	
				344				338	
7	134	820	437	5 137 135 02	134	940	435	5 138 130 08	
				346 ✓				346 ✓	
BM 68-19	827	570 ✓			883	063 ✓		346	BM 68-19
					827	570		692 ✓	S.P.R.R. 616' EAST OF
					55	493 ✓			STUDEBAKER RD
									F.B. 3700-157

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F.B. 4104 PG. 252 | JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Downey 10-22-70

INDEXED _____ DATE _____

WEATHER Overcast INST. NO. 96716

TIME 3:00 ROD NO. 123HB

NOTES CHKD 2 B DATE 11-1-70

T=72°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM68-19									From BM68-19 To BM68-18
1	116	665	417 5	152 80 72	131	430	432 5	168 94 74	BM68-19
2	192	328	493 5	231 153 78	120	790	421 5	160 80 80	S.P.R.R. 616' East of
3	139	778	440 5	175 103 72	150	530	451 5	184 118 68	Studebaker R.D.
4	130	752	431 5	166 94 72	128	439	429 5	163 93 70	F.B 3700-157
5	155	125	456 5	170 140 30	140	563	441 5	157 123 34	T Anderson
6	132	569	433 5	138 126 12	139	900	440 5	145 133 12	
				324 346 ✓				326 338 ✓	
	+ 867	217 ✓			811	652 ✓		336	
	811	652						~~774~~	
BM68-18	+ 55	565 ✓						674	BM68-18
									Hoxie Av. So. of S.P.R.R.
									@ Prop of Downey-Norwak.
									Rds East
									F.B. 3700-155

76P526B CE # 308 8/68

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

SURVEY BY Rodriguez DATE 10-21-70 TIME 10:10 WEATHER Overcast INST. NO. 96716

NOTES BY Rongall ROD NO. 1713

INDEXED DATE NOTES CHKD RB DATE 11-19-70

F.B. 4104 PG. 253

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM68-19													From BM68-19 To BM68-20
1	101	119	402	5	134 68	66	3 187	902	4 485	5	274 150	66	BM68-19
													S.P.RR. 616.FT East of
2	139	518	440	5	173 105	68	166	612	467	5	199 133	66	Studebaker Rd.
						134						132	F.B 3700-157
3	164	293	465	5	197 131	66	114	874	415	5	147 81	66	
						200						198	⊼ Anderson
4	184	510	485	5	212 156	56	137	352	438	5	168 106	62	
						256						260	
5	58	530	359	5	91 25	66	119	371	420	5	150 88	62	
						322						322	
6	114	389	415	5	141 87	54	139	433	440	5	166 112	54	
						376 ✓						376 ✓	
	762	359 ✓					861	544 ✓				376	
BM68-20							762	359				752 ✓	BM68-20
							99	185 ✓					ORR & day Rd, Flood Control
													Box
													F.B 3700-159

TE68

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F.B. 4104 PG. 254 | JOB NO. 0301.02 | SURVEY OF L.A. Co. Precise Level Net | SURVEY BY Rengell | NOTES RODRIGUEZ 10-22-70 | DATE | INDEXED

WEATHER Overcast | TIME 2:30 | NOTES CHKD | INST. NO. 9716 | ROD NO. 713 | DATE 11-14

T=72°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM68-20									From BM68-20 to BM68-19
1	135	559	436 5	137 / 111 48	163	862	464 5	137 / 134 48	BM68-20
2	182	908	483 5	216 / 148 68	91	652	392 5	125 / 57 68	ORR & day^RD Flood Control Box
3	171	507	472 5	202 / 140 62	202	215	503 5	232 / 172 60	F.B 3700-159
4	136	530	437 5	170 / 102 68	172	285	473 5	205 / 139 66	T Anderson
5	159	673	460 5	194 / 124 70	136	811	437 5	173 / 99 74	
6	181	432	482 5	212 / 150 62	10[illegible]	853	402 5	132 / 70 62	
				378 ✓				378 ✓	
	967	609 ✓			868	678 ✓		378	
BM68-19	868	678						756 ✓	BM68-19
+	98	931 ✓							S.P.R.R. 616' East of Studebaker Rd.
									F.B 3700 157

76P526B CE # 308 8/68

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

SURVEY BY Rodriguez NOTES BY Randall DATE 10-21-70 WEATHER Overcast TIME 10:45 INST. NO. 96716 ROD NO. 123 INDEXED DATE NOTES CHKD RDB DATE

F.B. 4104 PG. 255

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
BM68-20	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA	FROM BM68-20 TO BM68-20A
								BM 68-20
								EAST OF ORR & Day Rd
1.	136 092	437 5	145 127	18	154 372	4555 5	163 145	18 F100D CONTROL BOX
					136 092			18 FB 3700-159
								36 ✓
					-18 280 ✓			⊤ ANDERSON
								BM 68-20A
								ORR & day Rd, West side
								of BM68-20 ON West
								CURb.
								FB 3700-159

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T=72°

WEATHER Overcast INST. NO. 96716
TIME 2:20 ROD NO. 212 #2
NOTES CHKD R.G.R. DATE

F.B. 4104 PG. 256 JOB NO. 0301.02
SURVEY OF L.A.Co. Precise Level Net
SURVEY BY Landa II NOTES Rodriguez 10-22-70
INDEXED DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM 68-20A	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM B.M. 68-20A TO B.M. 68-20
									BM 68-20A ORR & Day Rd. Westside of BM 68-20 on West curb
1	214 260	615 5	229 199 30		6 195 027	7 496 5	212 180 32		
	196 027							30	FB 3700-159
								42 ✓	
	~~410 287~~								Anderson
+	018 233 ✓								
BM 68-20									BM 68-20 East of ORR & Day Rd. Flood Control Box FB. 3700-159

76P526B CE # 308 8/68

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

SURVEY BY Rodriguez WEATHER Overcast INST. NO. 9716

NOTES BY Randall DATE 10-21-70 TIME 11:45 - 12:[illegible] ROD NO. 1713 AB

INDEXED DATE NOTES CHKD RGB DATE 11-17-70

T = 70°

F.B. 4104 PG. 257

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM68-20A													From BM68-20A to BM68-21
1	194	163	495	5	218 170	48	108	810	409	5	132 84	48	BM68-20A
2	133	212	434	5	150 116	34	116	221	417	5	131 101	30	ORR & Day Rd West side
						82						78	of BM68-20 ON West Curb
3	131	718	432	5	161 101	60	129	272	430	5	161 97	64	F.B 3700-159
						142						142	
4	147	233	448	5	182 112	70	3 134	933	4 435	5	168 98	70	T Anderson
						212						212	
5	133	312	434	5	167 99	68	8 138	958	439	5	173 103	70	
						280						282	
6	120	382	421	5	154 86	68	170	962	471	5	204 136	68	
						348						350	
7	148	499	449	5	182 114	68	132	293	433	5	165 99	66	
						416						416	
8	116	655	417	5	150 82	68	147	502	448	5	181 113	68	
						484						484	
9	139	688	440	5	159 119	40	154	942	455	5	174 134	40	
						524						524	
10	141	676	442	5	150 132	18	170	082	471	5	179 161	18	
						542 ✓						542 ✓	
	+ 1406	538 ✓					1402	975 ✓				542	
	1402	975										1084 ✓	BM68-21
	+ 3	563											Pioneer Blvd, East side
													ENCO Service Sta-
													F.B 3700-161

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F.B. 4104 Pg. 258 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Rowell NOTES Rodriguez 10-22-70

INDEXED DATE

T = 70°

WEATHER Overcast INST. NO. 96714

TIME 1:20 ROD NO. 113840

NOTES CHKD. DATE 11-19-70

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 68-21 TO B.M. 68-20A
													BM 68-21
1	160	139	461	5	190 130	60	111	728	412	5	141 81	60	Pioneer Blvd East side
													ENCO Service Station
2	155	142	456	5	188 122	66	134	586	435	5	167 101	66	F.B 3700-161
3	163	573	464	5	198 128	126 70	143	102	444	5	179 107	126 72	⊼ Anderson
4	34	045	335	5	66 1/2 34	196 64	126	618	427	5	158 94	198 64	
5	179	510	480	5	216 142	260 74	135	903	433	5	173 91	262 82	
												344	
6	77	644	378	5	110 44	334 66	96	672	397	5	124 68	56	
7	149	128	450	5	183 115	400 68	155	678	456	5	189 121	400 68	
8	193	270	494	5	208 178	468 30	214	928	515	5	229 199	468 30	
						498 ✓						498 ✓	
	+	1112451 ✓				-	1116215 ✓					498	BM 68-20A
							~~1112456~~					996 ✓	ORR & Day Rd West Side
B.M. 68-20A							~~3759~~						of BM 68-20 on West
						+	1112451						curb.
							3764 ✓						F.B 3700-159

76P526B CE # 308 8/68

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

SURVEY BY J. RANDALL WEATHER CLOUDY & CALM INST. NO. 96716

NOTES BY R. ANDERSON DATE 21-OCT.-70 TIME 13:45 ROD NO. 1713A-B

INDEXED DATE NOTES CHKD R.G.B. DATE 11-4-70

T = 76°

F.B. 4104 PG. 259

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 68-21 TO B.M. 2-7
B.M. 68-21				163				239	B.M. 68-21
1	134	619	435 5	105 58	210	191	511 5	181 58	PIONEER BLVD., EAST SIDE
				170				182	ENCO SERVICE STATION
2	139	291	440 5	108 62	151	118	452 5	120 62	F.B. 3700-161
				177 120				189 120	
3	146	930	447 5	115 62	159	830	460 5	129 60	
				170 182				187 180	
4	140	888	441 5	110 60	157	931	458 5	127 60	T RODRIGUEZ
				225 242				167 240	
5	191	891	492 5	157 68	131	199	432 5	95 72	
				164 310				186 312	
6	132	761	433 5	100 64	155	261	456 5	155 62	
				165 374				91 374	
B.M. 2-7	154	039	455 5	143 22	81	138	382 5	71 20	B.M. 2-7
				396 ✓				394 ✓	FRONT ST & CLARKDALE AVE.
	+ 1040	419 ✓			1046	668 ✓		396	N.W. COR.
					+ 1040	419		790	F.B. 1203-13
					− 6	249 ✓			

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F.B. 4104 PG. 260 | JOB NO. 0301.02

SURVEY OF | SURVEY BY Randall NOTES Anderson DATE: 22-OCT. '70 | INDEXED | DATE

WEATHER Cloudy & Calm TIME 11:00 | NOTES CHKD RGB | T = 68°

INST. NO. 96716 | ROD NO. 17318 | DATE 11-9-70

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M 2-7 TO B.M 68-21
B.M. 2-7			83			164	B.M. 2-7
1	81 121	382 5	79 4	152 842	453 5	150 4	FRONT ST. & CLARKDALE AVE.
			195			176	N.W. COR.
2	162 709	463 5	129 66	144 910	445 5	112 64	F.B. 1203-13
			157 70			206 68	
3	121 500	422 5	85 72	168 282	469 5	130 76	T RODRIGUEZ
			182 142			177 144	
4	144 830	445 5	106 76	139 840	440 5	101 76	
			194 218			180 220	
5	160 490	461 5	126 68	147 801	448 5	114 66	
			206 286			166 286	
6	172 700	473 5	138 68	132 710	433 5	98 68	
			237 354			164 354	
7	211 742	512 5	185 52	138 851	439 5	112 52	
			160 406			184 406	
B.M. 68-21	157 580	458 5	159 6	181 218	482 5	178 6	B.M. 68-21
			412			412	PIONEER BLVD. E. SIDE
	+ 1212 672	✓		+ 1206 454	✓	412	ENCO SERVICE STATION
	− 1206 454					824	F.B. 3700-161
	+ 6 218	✓					

76P526B CE # 308 8/68

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

SURVEY BY J. RANDRU WEATHER CLOUDY & CALM INST. NO. 96716

NOTES BY R. ANDERSON DATE 21-OCT. 170 TIME 14:30 ROD NO. 1713-8

INDEXED DATE NOTES CHKD DATE 11-19 70

F.B. 4104 PG. 261

T = 76°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 2-7 TO B.M. 2-6
B.M. 2-7				76				148	B.M. 2-7
1	75	190	376 5	74 2	146	121	447 5	144 4	FRONT ST. & CLARKDALE AVE.
				173				168	N.W. COR.
2	153	711	454 5	133 40	148	151	449 5	128 40	F.B. 1203-13
				176 42				225 44	
3	139	091	440 5	102 74	189	431	490 5	153 22	
				191 116				190 116	
4	164	121	465 5	137 54	164	370	465 5	138 52	T RODRIGUEZ
				174 170				168 160	
5	164	661	465 5	154 20	157	651	458 5	146 22	
				159 190				178 190	
6	156	312	457 5	153 6	175	060	476 5	172 6	
				196 ✓				196 ✓	
B.M. 2-6	853	086 ✓			981	584 ✓		196	B.M. 2-6
					− 853	086		392 ✓	FIRESTONE BLVD. & NORWALK BL.
					128	498 ✓			S.W. COR.
									F.B. 1203-12

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4104 PG. 262 JOB NO. 0301.02

SURVEY OF Randall NOTES Anderson DATE Oct. 22, 1970

SURVEY BY

INDEXED DATE

WEATHER Cloudy & Cool INST. NO. 96716

TIME 10:30 ROD NO. 1/13 48

NOTES CHKD DATE

T = 70°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 2-6 TO B.M. 2-7
B.M. 2-6				152				159	B.M. 2-6
1	134	881	435 5	116 36	141	560	442 5	123 36	FIRESTONE BLVD. & NORWALK BLVD.
				162				162	S.W. COR.
2	152	911	453 5	142 20	152	330	453 5	142 20	F.B. 1203-12
				206 56				172 56	
3	170	441	471 5	134 72	137	081	438 5	102 70	
				221 128				193 126	T RODRIGUEZ
4	188	688	489 5	155 66	158	782	459 5	123 70	
				149 194				78 196	
5	147	770	448 5	145 4	76	419	377 5	74 4	
				198 ✓				200 ✓	
	+ 794 691 ✓				- 666 172 ✓			198	
	- 666 172							398 ✓	
B.M. 2-7	+ 128 519 ✓								B.M. 2-7
									Front St. & Clark Dale Ave
									F.B. 1203-13 N.W. Cor.

CE # 306 - 1/65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY V. RANDALL
NOTES BY R. ANDERSON DATE 22 - OCT '70 TIME 08:55 WEATHER CLOUDY & COOL INST. NO. 8C 716
INDEXED DATE NOTES CHKD R.B. DATE ROD NO. 17.3 A-B
T = 62°
F.B. 4104 PG. 263

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS From B.M. 2-6 To B.M. 2-4A
B.M. 2-6			188			195	B.M. 2-6
1	163 851	464 5	138 50	170 581	471 5	145 50	FIRESTONE BLVD. & NORWALK BLVD. S.W. COR.
			179			221	
2	145 858	446 5	111 68	186 428	487 5	151 70	F.B. 1203-12
			184 118			222 120	
3	147 492	448 5	110 74	184 399	485 5	146 76	
			151 192			212 196	T ROD RIBUEL
4	112 871	413 5	73 78	176 301	477 5	140 72	
			184 270			206 268	
5	149 040	450 5	114 70	170 549	471 5	134 72	
			165 340			191 340	
6	130 481	431 5	95 70	156 051	457 5	121 70	
			128 410			218 410	
7	101 130	402 5	74 54	191 870	492 5	164 54	
			141 464			179 464	
8	134 700	435 5	127 14	171 478	472 5	163 14	
			478 ✓			480 ✓	
B.M. 2-4A +	1085 423 ✓			- 1407 657 ✓		478	B.M. 2-4A
				+ 1085 423		958	BLOOMFIELD AVE. & S.P. R.R.
				- 322 234 ✓			W. SIDE OF STREET
							F.B. 3708-19

4104

LOS ANGELES COUNTY
403 Los Angeles County Engineering Building

F.B. 4104 PG. 264
JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Randall NOTES Anderson DATE: 22-Oct.'70
INDEXED _____ DATE _____

WEATHER Cloudy & Cool
TIME 09:45
NOTES CHKD R.S.B.

T = 72°

FROM B.M. 2-4A TO B.M. 2-6

	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	
B.M. 2-4A			195			165	B.M. 2-4A
1	184 268	485 5	173 22	154 022	455 5	143 22	BLOOMFIELD AVE. & S.P.R.R.
			275			189	W. SIDE OF STREET
2	239 778	540 5	203 72	153 701	454 5	117 72	F.B. 3708-19
			238 94			175 94	
3	203 780	504 5	168 70	139 340	440 5	103 72	
			190 164			176 166	
4	150 260	451 5	110 80	136 379	437 5	96 80	T RODRIGUEZ
			238 244			140 246	
5	204 329	505 5	170 68	106 961	407 5	72 68	
			165 312			159 314	
6	132 551	433 5	99 66	126 588	427 5	93 66	
			209 378			196 380	
7	176 141	477 5	143 66	162 560	463 5	128 68	
			161 444	130		148 448	
8	141 161	442 5	121 40	~~131~~ 301	431 5	112 36	
			484			484 ✓	
B.M. 2-6	+ 1432268 ✓			- 1109 852 ✓		484	B.M. 2-6
	- 1109 852					968	FIRESTONE BLVD. & NORWALK RD.
	+ 322416 ✓						S.W. COR.
							F.B. 1203-12