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

F. B. 2861 PG. 3

BOOK INDEX

L.A.Co. PRECISE LEVEL NET, 0301.02

LINE No. 3	DESCRIPTION OF REPLACEMENT BM.	PAGE
LINE No 3	1961 RERUN	DIFF. IN ELEV.	5 TO 12
LINE No 3	1965 RERUN	" " "	13 TO 68
LINE No 3	1965 RERUN	" " "	69 TO 122
~~LINE No 32~~	~~1965 RERUN~~	~~" " "~~	~~135 TO~~

[redacted] microfilmed - March 85

Notes Ck'd by	Survey of E. A. CO PRECISE LEVEL NF. B. 2861 PG. 5
Map No.	JN 030102 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date Sep 61
Date	Indexed H. E. OH SEP 1 3

JOB NO 030102

BENCH MONUMENT REPLACEMENTS ON LINE 3

E. A. CO. PRECISE LEVEL NF

FOR OTHER BENCH MONUMENT DESCRIPTIONS SEE FB 1204-5 to 24 & FB 2408-24

Guizado	AC
LEGAULT	DA
GOBLE	AI
COOK	GE
ALWIN	GP

1961

RE-RUN OF LINE #3

PAGES 13 TO 68

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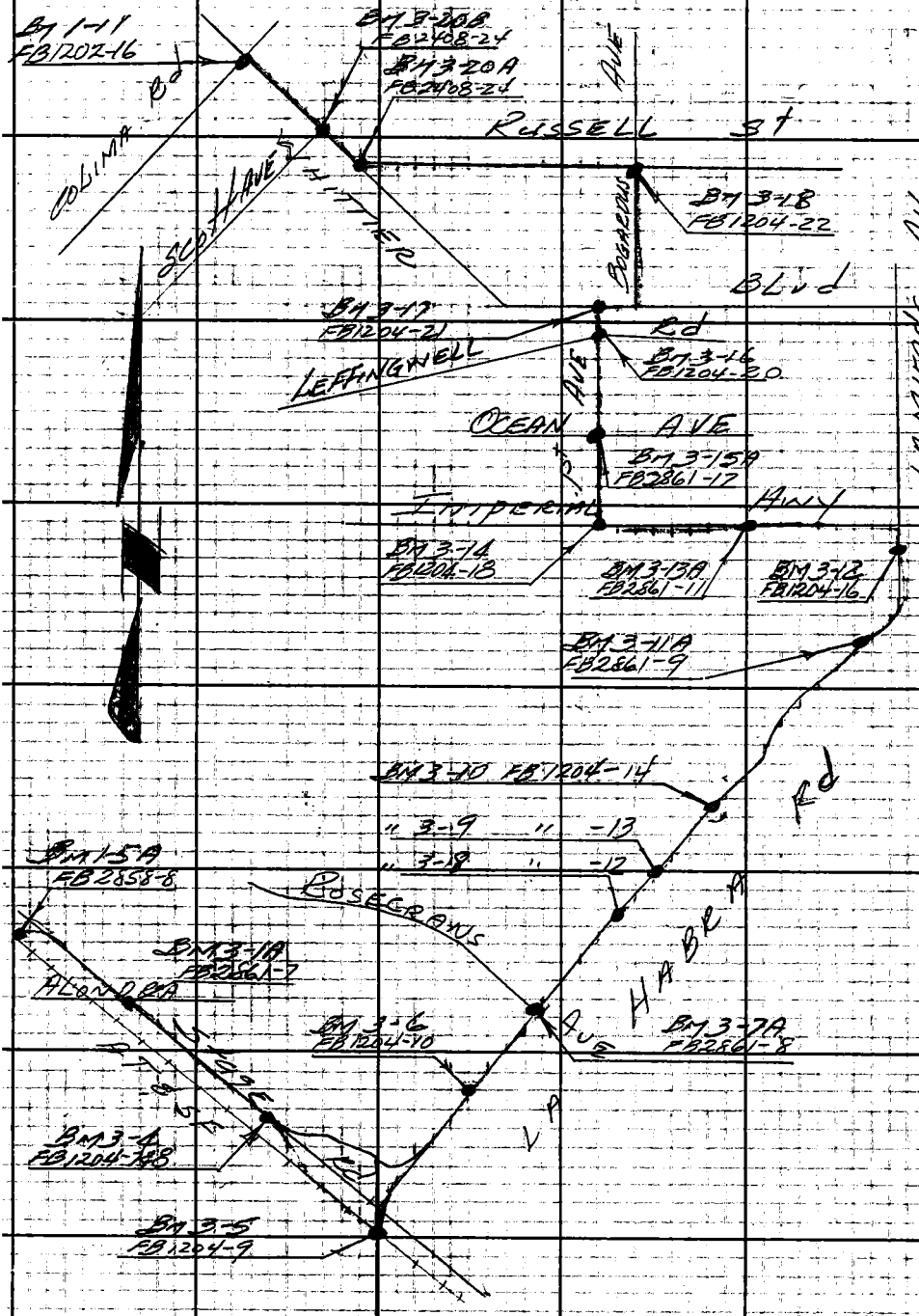
76F309S S&E #247 11-58

INDEX

F. B. 2861 PG 6



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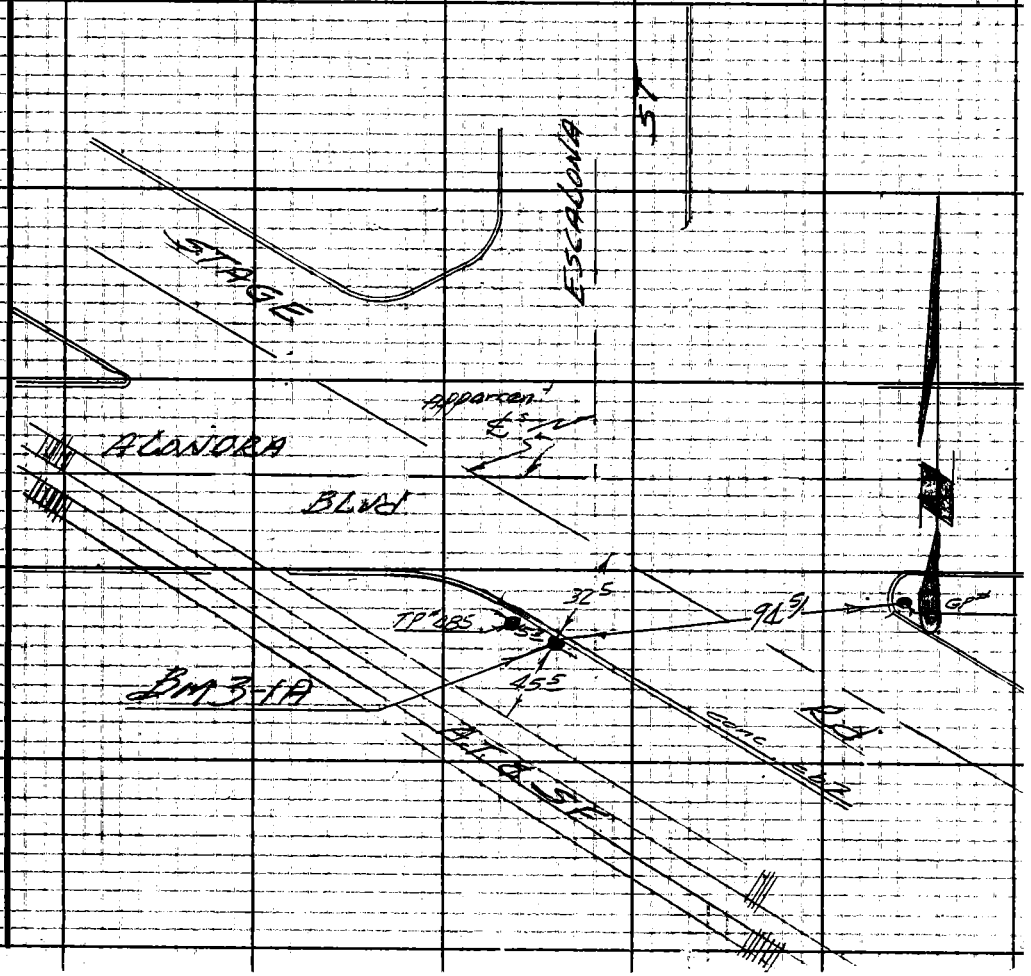
Survey L.A.CO PRECISE LEVEL NET F. B. 2861 PG. 7
JN 0301 02 Tape Std °F
Surveyed by A.C. GUIZADO
Notes A C G Date 3-23-61
Indexed SEP 13 '61

BM 3-1 A

NEAR THE INTERSECTION OF STAGE RD & ALONDRA BLVD, SET A STD CO. ENGR BM. BRASS CAP IN 6" IRON PIPE MK'D "BM 3-1A RES 69 1961" IN CONC 10" BELOW TOP OF CURB, 32' SW OF APPARENT ℄ OF STAGE RD, 15' SE OF TP #485 & 45' NE OF NE ROW OF NE TRACK OF THE AT&SF & 91' WEST OF GP # PROTECTED BY A CAST IRON COVER



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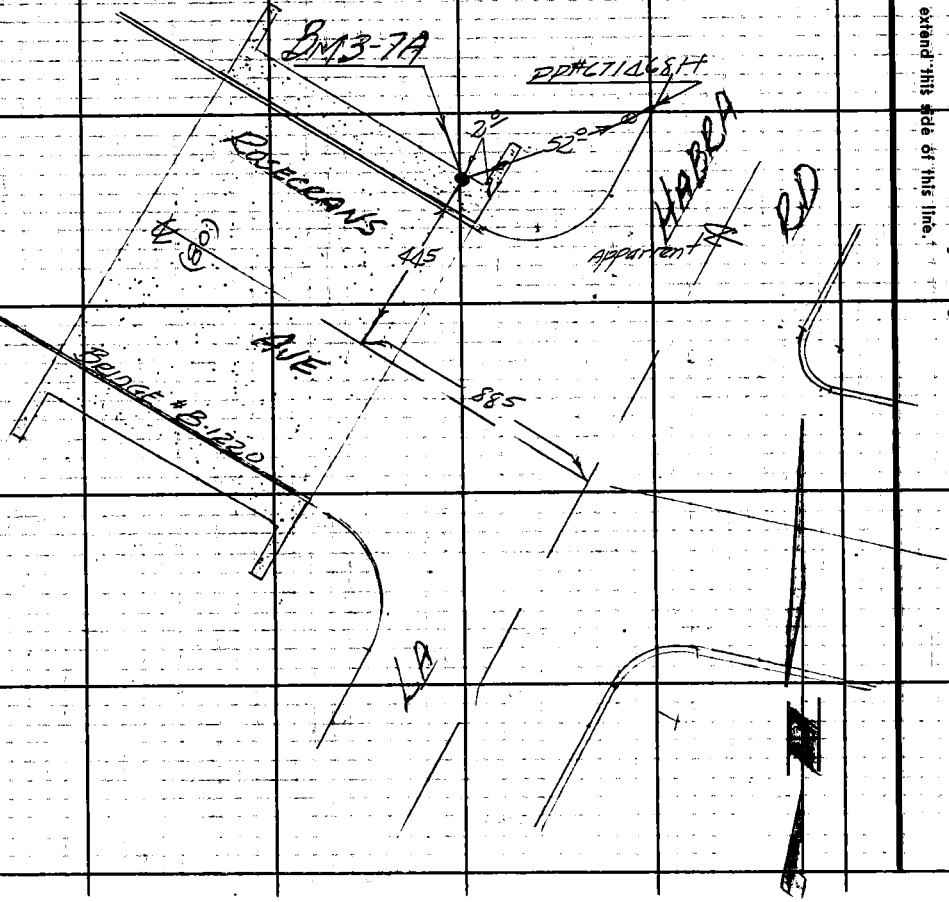
F. B. 2861 PG 8

BM 3-7A

INTERSECTION OF LA HABRA RD & ROSECRANS AVE @ THE NW'LY COR.; SET A STD CO. ENGR BM BRASS CAP MK'D "BM 3-7A 1961 RE5869" IN THE NE'LY COR. OF BRIDGE # B-1220, 2.0' NW OF N.E. EDGE OF BRIDGE, 88.5' NW ALONG THE ℄ OF ROSECRANS AVE FROM THE INTERSECTION OF LA HABRA RD & 44.5' NE'LY FROM THE ℄ OF ROSECRANS AVE, 52° SW FROM PP # 671468H



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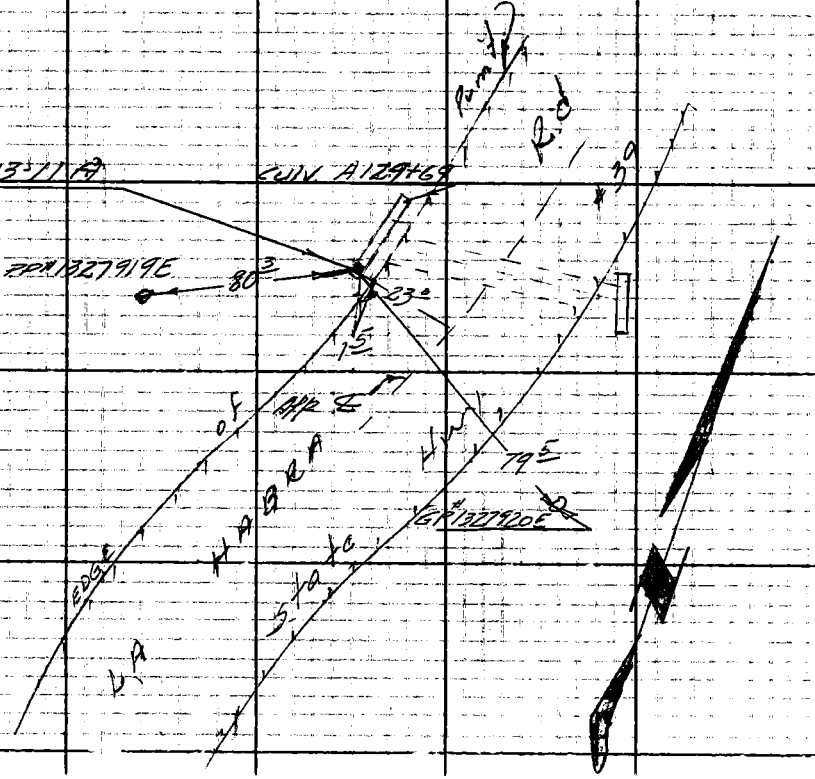
Checked
Date

Survey L.A.(CO.) PRECISE LEVEL NET F.B. 2861 PG. 9
JN 0301.02 Tape Std °F
Surveyed by A.C. GUIZADO
Notes ACG Date 8/24/61
Indexed H. E. OTT SEP 13 61

BM 3-119 (2C-41-57)
LA HABRA Rd (State HWY #39) E 0.50 MI
S'LY FROM IMPERIAL HWY. FD A 1¼"
METAL TAG & NAIL MKD "COUNTY SURVEYOR BM
RE 7872 ORANGE CO." IN THE S'LY COR. OF THE
W'LY CULV. HEADWALL #A-129469, 80± NE OF
AT #1327919E, 79± NW OF GP #1327920E, & 23± W OF
CRK OF PUNT OF LA HABRA Rd.



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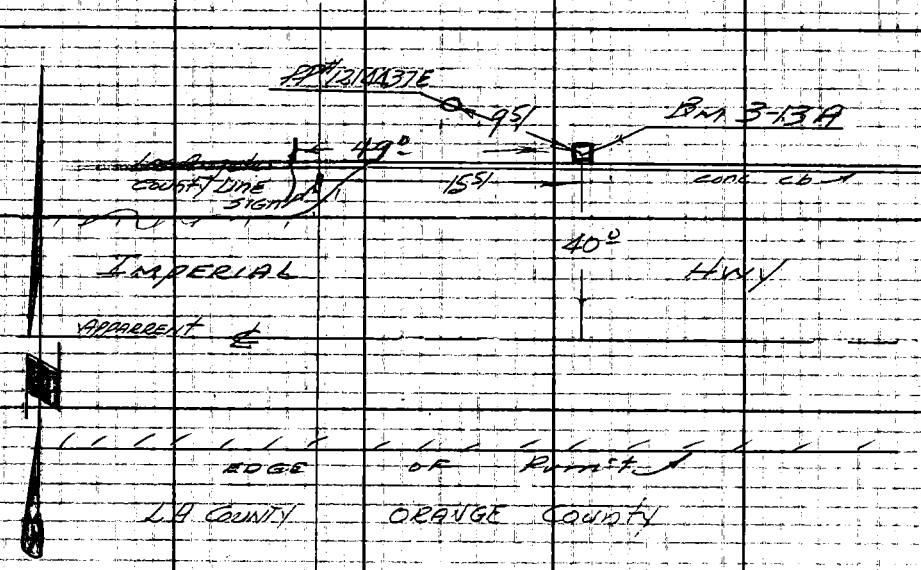
Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET	F. B. 2861 PG. 11
Map No.	JN0301 02 Tape Std °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes A.C.G. Date 8-24-61	
Date	Indexed H. F. OTT SEP 13 61	

BM 3-13A

IMPERIAL HWY AT LOS ANGELES-ORANGE COUNTY BOUNDARY, SET A STD CO ENGR. BM BRASS CAP M ON 3/8 IRON PIPE MK'D "BM 3-13A 1961 RE 5869" IN CONC, 10" BELOW TOP OF CURB, 49° 154' EAST OF THE L.A. CO. BOUNDARY SIGN, 40' NO. OF APPARENT ℄ IMPERIAL HWY & 49' E.S.E. OF PP# 1214437E. PROTECTED BY A CAST IRON COVER.



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76F3095 S&E #247 11-58

F. B. 2861 PG 12

BM 3-15A
FIRST ~~ST~~ AVE & 236± ft NORTH OF OCEAN AVE, SET A 3TO CO. ENGR. BM BRASS CAP MKD "BM 3-15A 1961 RES869" IN THE SW COR OF A CULVERT, 32'± E OF ℄ 1ST ST, 44° W'LY FROM PP# 333348E, 754'± E OF GP# W111484 & 72° NO. OF PP# 1208365E

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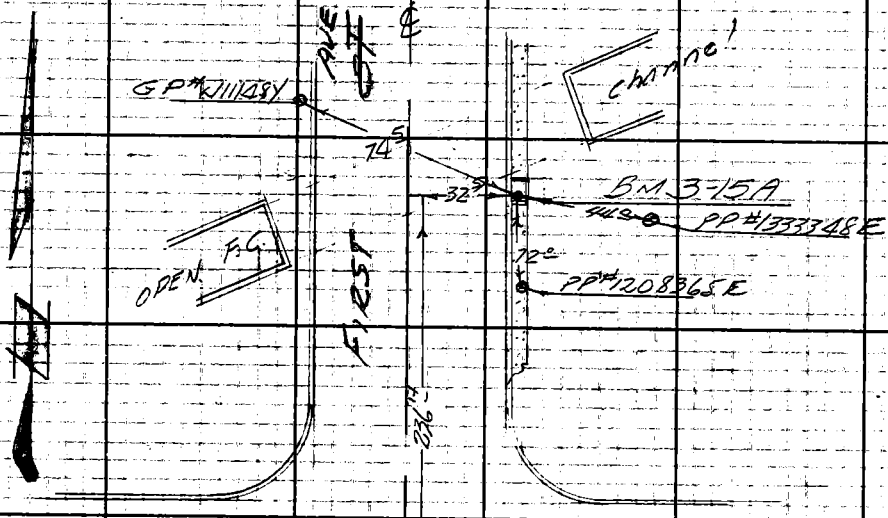

AMBER VALLEY DRIVE
&
old → OCEAN AVE

76P526B CE # 308 8-59

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM1-4A TO BM1-5A
BM1-4A									BM1-4A
1	118	908	419 5	141 96 45	155	652	456 5	178 133 45	VALLEY VIEW AVE & Stage Rd
									FB2858-7
2	142	778	443 5	165 120 45	150	209	451 5	172 128 44	
3	170	223	471 5	193 148 45	121	190	422 5	144 99 45	
4	181	232	482 5	204 159 45	140	069	441 5	163 118 45	
5	171	263	472 5	194 148 46	120	263	421 5	143 98 45	
6	116	141	417 5	135 98 37	122	691	423 5	140 103 37	
				263				261 263 524 METERS	
TOTAL	900	545			810	074			
	810	074							
DIFF/ELEV	90	471							
BM1-5A									BM1-5A US2237 (PSI 1958 Reset) OLD LA MIRADA RR Sta & Stage Rd FB2858-8

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

SURVEY BY A.C. Guzmado

NOTES BY Don Le Grant DATE 8-25-61

INDEXED H. E. OTT DATE SEP 13 '61

WEATHER Cloudy INST. NO. 413 5234

TIME 7:30 - 9:00 ROD NO. 95-96

NOTES CHKD. [illegible] DATE 9/25/61

F.B. 2861 PG. 13

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INST. No. 13 3523 ROD NO. 88-42 DATE 9/15/88

WEATHER Cloudy TIME 8:00 – 9:30 NOTES CHKD BMF

F.B. 2861 PG. 14

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

SURVEY BY Truzzolo NOTES Double Check

INDEXED B.E. OR DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM BM 1-5A TO BM 1-4A
BM 1-5A											BM 1-5A
1	123	578	424	5	142 / 104 38	117	021	418	5	136 / 98 38	OLD LA MIRADA RR sta & Stage Rd
											FB 2858-8
2	117	005	418	5	140 / 95 45	168	600	469	5	191 / 146 45	
3	135	950	436	5	158 / 113 45	172	610	473	5	195 / 149 46	
4	118	981	419	5	141 / 96 45	171	643	472	5	194 / 149 45	
5	147	365	448	5	169 / 125 44	140	963	441	5	163 / 118 45	
6	154	856	455	5	178 / 131 47	117	430	418	5	139 / 95 44	
					264					264 / 264 / 527	
TOTAL	797	735					888	367			METERS
DIFF/ELEV							797	735			
							90	532			
BM 1-4A											BM 1-4A
											VALLEY Ave & Stage Rd
											FB 2858-7

76P526B CE # 308 8-59

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

F.B. 2861 Pg 5

SURVEY BY R.C. Eberle & Co. WEATHER Clear INST. NO. 25222

NOTES BY Jim Le Grand DATE 2-25-61 TIME 9:30 - 12:35 ROD NO. 2574

INDEXED H. E. Ott DATE SEP 13 '61 NOTES CHKD D.C. Cook DATE 9/15/61

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM BM 1-5A TO BM 3-1A
BM 1-5A									BM 1-5A
1	109	052	410	132 .87 45	135	063	436	158 113 45	Stage rd & old LA Mirador Resl
2	119	708	420	182 96 46	153	063	454	176 131 45	FB 2858-8
3	136	949	437	159 114 45	168	791	469	191 147 44	
4	146	478	447	168 124 44	155	958	456	179 132 47	
5	163	155	464	187 140 47	139	930	440	162 117 45	T G.E. Cook
6	185	869	486	208 162 46	132	263	433	153 110 45	
7	180	249	481	202 158 44	134	520	435	158 111 47	
8	179	284	480	202 156 46	139	095	440	163 117 46	
9	234	010	535	257 212 45	171	153	472	194 149 45	
10	226	900	527	249 204 45	165	402	466	188 143 45	
11	156	847	457	179 133 46	178	712	479	200 156 44	
12	200	661	501	223 178 45	145	451	446	168 122 46	
13	166	138	467	189 143 46	159	390	460	182 136 46	
				590				590	
26 46.01	2205	200			1978	791			

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-5A TO BM3-1A
14	176	333	477	5	199 153	46	111	938	412	5	134 88	46	
15	232	903	533	5	255 210	45	181	048	482	5	204 158	46	
16	188	801	489	5	199 177	22 703	161	131	462	5	173 149	24 703	
TOTAL	2803	237					2432	908				706 1409	METERS
	2432	908											
DIFF/ELEV	370	329											
BM3-1A													BM3-1A Stage Rd & Alondra Blvd FB 2861-7

WEATHER Cloudy H-3 INST. NO. 75-23
TIME 9:30-1035 ROD NO. 95-96
NOTES CHKD [illegible] DATE 9/20/61

F.B. 2861 PG. 16 JOB NO. 0301.02
SURVEY OF C. A. CO. PRECISE LEVEL NO.
SURVEY BY Cozado NOTES Don McGrath
INDEXED H. E. OTT DATE

76P526B CE # 308 8-59

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

F.B. 2861 Pg. 1

SURVEY BY: A.C. Gurley DATE: 8-25-61 WEATHER: Sunny INST. NO. 20234

NOTES BY: Charlie Gurley TIME: 1110 - 1330 ROD NO. 80-14

INDEXED: H.E. Ott DATE: SEP 13 '61 NOTES CHKD: [illegible] DATE: 9/21/61

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM BM 3-1A TO BM 1-3A
BM 3-1A									BM 3-1A
1	154	808	455 s	166 / 143 23'	183	080	484 s	195 / 172 23'	Stage Rd & Alondra Blvd
2	179	249	480 s	202 / 157 45'	230	848	531 s	253 / 207 46'	FB 2861-7
3	112	350	413 s	135 / 90 45'	133	350	434 s	157 / 110 47'	
4	124	350	425 s	149 / 104 45'	177	352	478 s	200 / 156 44'	
5	138	318	439 s	159 / 116 43'	190	339	491 s	215 / 167 48'	
6	169	118	470 s	193 / 146 47'	149	402	450 s	172 / 128 44'	
7	162	221	463 s	185 / 140 45'	209	873	511 s	233 / 187 46'	
8	169	565	470 s	192 / 147 45'	183	500	484 s	206 / 161 45'	
9	161	813	462 s	183 / 138 45'	261	852	562 s	285 / 238 47'	
10	135	530	436 s	159 / 111 48'	181	312	482 s	203 / 160 43'	
11	131	231	432 s	154 / 109 45'	184	188	465 s	207 / 162 45'	
12	138	665	439 s	161 / 116 45'	162	418	463 s	185 / 139 46'	
13	153	660	454 s	174 / 131 43'	144	363	445 s	167 / 121 46'	
sub total	1930	676			2392	099			

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 3-1A TO BM 1-5A
14	171	429	472	5	194 148	46	139	110	440	5	162 117	45	
15	175	600	476	5	199 153	46	142	750	443	5	165 119	46	
16	163	414	464	5	186 140	46 708	137	161	438	5	161 115	46 707 708	
TOTAL	2441	321					2811 2441	120 321				1415	METERS
DIFF/ELEV							369	799					
BM 1-5A													BM 1-5A Stage Rd & old LA MIRADA RR St FB 2858-8

diff = 5.30
Allow = 4.7

F.B. 2861 PG. 18 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NO.

SURVEY BY [illegible] NOTES [illegible]

INDEXED H. E. OTT DATE

WEATHER Sunny INST. NO. N-3 75234

TIME 1:10 - 2:30 ROD NO. 95-96

NOTES CHKD [illegible] DATE 9/25/61

76P526B CE # 308 8-59

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

SURVEY BY A.C. GUIZADO DATE 8-28-61 WEATHER Hazy INST. NO. 25234

NOTES BY ACG TIME 8:20 to 9:15 ROD NO. 95896

INDEXED H.F. DATE SEP 13 '61 NOTES CHKD [illegible] DATE 9/25/61

F.B. 2861 PG. 19

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 1-5A TO BM 3-1A
BM 1-5A													BM 1-5A
1	111	442	412	5	134 / 88	46	137	529	438	5	160 / 114	46	STAGE Rd & Old LA MIRADA RR
2	142	629	443	5	165 / 119	46	175	92 / 173	476	5	198 / 152	46	sta. FB2858-8
3	121	344	422	5	144 / 98	46	153	148	454	5	176 / 130	46	
4	125	057	426	5	148 / 102	46	134	635	435	5	157 / 111	46	⊼ A.L. GOBLE
	156	878	457	5	179 / 133	46	132	892	433	5	155 / 109	46	
6	172	649	473	5	195 / 149	46	119	557	420	5	142 / 96	46	
7	167	260	468	5	190 / 144	46	121	855	422	5	144 / 98	46	
8	170	992	471	5	193 / 147	46	070	813	371	5	93 / 47	46	
9	186	672	487	5	209 / 163	46	172	008	473	5	195 / 149	46	
10	213	487	514	5	236 / 190	46	167	568	468	5	190 / 144	46	
11	162	607	463	5	185 / 139	46	179	664	480	5	202 / 156	46	
12	198	829	499	5	221 / 175	46	142	113	443	5	165 / 119	46	
13	167	865	468	5	190 / 144	46	163	922	464	5	186 / 140	46	
413 TOTAL	2097	711					~~1871~~	~~677~~					

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INST. NO. 7523 ROD NO. 2861 DATE 4-5-61

WEATHER Hazy TIME 8:20 to 9:15 NOTES CHKD KPM

F.B. 2861 PG. 20 JOB NO. 030102

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED B. E. OH DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 1-5A TO BM 3-1A
14	174	037	475	5	137 / 151	46	109	937	410	5	132 / 86	46	
15	230	318	531	5	253 / 207	46	161	383	462	5	184 / 138	46	
16	176	341	477	5	187 / 164	23 / 713	165	236	466	5	176 / 153	23 / 713 / 713	
TOTAL	2678	407					~~7 473~~					1426	METERS
	2308	~~335~~ 333					2308	~~333~~					
DIFF/ELEV	370	~~72~~ 74											
	370	174											
BM 3-1A													BM 3-1A Stage Rd & Alondra Blvd FB 2861-

76P526B CE # 308 8-59

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

SURVEY BY A. C. GUIZADO DATE 8-28-61 WEATHER Sunny INST. NO. 75236

NOTES BY ACG DATE 8-28-61 TIME 9:25 to 10:20 ROD NO. 95296

INDEXED H. E. OTT DATE SEP 13 61 NOTES CHKD WBm DATE 9/25/61

F.B. 2861 PG. 21

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 3-1A TO BM 1-5A
BM 3-1A													BM 3-1A
1	165	653	466	5	177 / 154	23	176	897	477	5	187 / 164	23	Stage Rd & Alondra Blvd
2	159	848	460	5	182 / 136	46	228	881	529	5	251 / 205	46	FB 2858 + 8
3	114	423	415	5	137 / 91	46	178	226	479	5	201 / 155	46	
4	162	133	463	5	185 / 139	46	166	077	467	5	189 / 143	46	
	136	561	437	5	159 / 113	46	193	018	494	5	216 / 170	46	⊼ A.L. GOBLE
6	173	433	474	5	196 / 150	46	156	032	457	5	179 / 133	46	
7	162	633	463	5	185 / 139	46	207	260	508	5	230 / 184	46	
8	160	533	461	5	183 / 137	46	172	993	473	5	195 / 149	46	
9	126	700	427	5	149 / 103	46	230	408	531	5	253 / 207	46	
10	100	692	401	5	123 / 77	46	146	372	447	5	169 / 123	46	
11	121	668	422	5	144 / 98	46	209	386	510	5	232 / 186	46	
12	170	032	471	5	193 / 147	46	197	928	498	5	220 / 174	46	
13	169	732	470	5	192 / 146	46	152	063	453	5	175 / 129	46	
TOTAL	1924	041					2415	541					

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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 BM 3-1A TO BM 1-5A
14	174	727	475	5	197 151	46	150	298	451	5	173 127	46	
15	187	711	488	5	210 164	46	146	518	447	5	169 123	46	
16	160	950	461	5	183 137	46 713	104	942	405	5	127 81	46 713 713	
TOTAL	2447	429					2817	299				1426	METERS
							2447	429					
DIFF/ELEV							369	870					
BM 1-5A													BM 1-5A Stage Rd & Old LA MIRADA RR Sta. FB 2858-8

F.B. 2861 PG. 22

SURVEY OF P.E.CO PRECISE LEVEL MC

SURVEY BY ACG NOTES ACG

INDEXED H.E.OR DATE

JOB NO. 0301.02

WEATHER SUNNY INST. NO. 7523

TIME 9:25 to 10:20 ROD NO. 9589

NOTES CHKD [illegible] DATE 9/25/51

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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 A. K. LUZADO

NOTES BY [illegible] DATE 8-25-61

INDEXED H. E. OTT DATE SEP 13 61

WEATHER SUNNY

TIME 10:35-11:30

NOTES CHKD [illegible] DATE 9/29/61

INST. NO. [illegible]

ROD NO. [illegible]

F.B. 2861 PG. 23

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM3-1A TO BM3-4
BM3-1A									BM3-1A
1	155	905	456 5	178 133 45	133	610	434 5	156 111 45	Stage Rd & Alondra Blvd
2	126	611	427 5	149 104 45	233	563	534 5	257 210 47	FB 2861-7
3	075	620	376 5	98 53 45 135	071	090	372 5	100 56 44 136 135	BM3-1A to TBM Diff in Elev = -80.127
T.B.M.	358	136			438	263		METERS 271	Fd TBM
1	016	272	317 5	x2 38 16 44	119	960	420 5	143 95 48	SO. SIDE Stage Rd & 90° ft ± W of Dalmatian Ave A 1 1/4" metal disk & nail in the NW cor. of conc. culv. Disk MK'D
2	167	831	468 5	189 145 44	135	612	436 5	159 111 48	"County Surveyor BM RCE 7872 Orange County"
3	174	921	475 5	191 150 41	181	263	482 5	203 159 44	
4	151	416	452 5	176 126 50	169	066	470 5	190 148 42	
5	115	415	416 5	139 91 48	139	689	440 5	161 117 44	
6	134	790	435 5	157 112 45	143	518	444 5	167 120 47	
7	129	450	430 5	151 116 45	151	890	452 5	173 129 44	
8	113	719	414 5	133 94 39 356	226	658	527 5	245 208 37 354 356	
TOTAL	1003	814			1267	656		METERS 710	BM3-4 (US 4001) (Artesia L-3)
					1003	814			Stage Rd & 0.4 mi NW from R.R.
DIFF ELEV BM3-4					263	842			Sta at Buena Park FB 1204-7

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Do not extend notes this side of this line.

F.B. 2861 PG. 24 — JOB NO. 0301.02 — SURVEY OF L.A. CO. PRECISE LEVEL NET — SURVEY BY [illegible] NOTES [illegible] — INDEXED B.E.Orr DATE [illegible]

WEATHER Sunny INST. NO. Z5234 — TIME 1130 to 1210 ROD NO. 9E-16 — NOTES CHKD K.M.m DATE 9/25/56

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM BM 3-4 TO BM 3-1A
BM 3-4											BM 3-4 (US 4001) ARTESIA L-3
1	235	875	536	5	254 316 38	123	218	424	5	142 104 38	Stage Rd & Old Mi NW of RR Sta
2	154	032	455	5	177 132 45	131	705	432	5	154 108 46	at Buena Park FB1204-7
3	138	588	439	5	161 115 46	130	428	431	5	153 107 46	
4	145	430	446	5	168 122 46	120	228	421	5	144 97 47	BM 3-4 to TBM
5	170	503	471	5	196 146 48	151	200	452	5	174 129 45	DIFF IN ELEV = +263.653
6	180	519	481	5	394 347 47	176	739	477	5	200 153 47	
7	126	800	427	5	150 103 47	154	775	435	5	178 131 47	
8	134	960	435	5	158 111 47	034	761	3355		57 12 45	+263.653
					364					361 364 725	
TBM	1286	707				1023	054				TBM So. SIDE
									METERS		Stage Rd & 70'± NW of Dalmation Ave
1	058	182	355	5	76 40 36	064	720	365	5	83 46 37	Al 1/4" metal disk & nail mk'd "County
2	221	581	525	5	245 198 47	113	218	414	5	136 91 45	Surveyor BM LCE 7872 Orange County
3	131	668	432	5	154 109 45	153	179	454	5	175 30 46	in the NW cor. of A conc. curb.
TOTAL	411	431			128	331	117				
	331	117								132 δ 132 E 256 256	
DIFF ELEV	80	314									BM 3-1A
BM 3-1A											Stage Rd & Glendora Blvd
											FB2861-7

76P526B CE # 308 8-59

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700 Los Angeles County Engineering Bldg.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY H. E. Ott & L. C. Lazzaro DATE 8-25-61 WEATHER Sunny
NOTES BY H. E. Ott DATE SEP 13 61 TIME 2:45 - 3:15 INST. NO. 2
INDEXED NOTES CHKD ROD NO. 8-9
F.B. 2861 Pg. 23

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 3-4 TO BM 3-5
BM 3-4									BM 3-4 (US 4001) Artesia L-3
1	123	018	404 5	133 / 88 47	197	915	498 5	220 / 175 45	Stage Rd & 0.4 mi NW of Buena Park RR Sta.
2	109	810	410 5	133 / 87 45	176	750	477 5	200 / 152 48	FB 1204-8
3	166	839	467 5	189 / 143 46	180	960	481 5	204 / 158 46	
4	130	175	431 5	154 / 108 46	163	742	464 5	186 / 140 46	
5	081	253	382 5	104 / 59 45	144	788	445 5	147 / 101 46	
6	179	229	480 5	194 / 164 30	164	361	465 5	178 / 151 27	
				259				258 / 259	
TOTAL	770	324			1028	516		517	METERS
					770	324			
DIFF/ELEV BM 3-5					258	192			

BM 3-5 (US 4002) USC&GS S 778
State Hwy #39 & Bridge #161 at
Buena Park RR Sta.
FB 1204-9

PLEASE RETURN TO

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2861 PG. 26

SURVEY OF C.A.(M) PRECISE LEVEL NET

SURVEY BY Zurada NOTES Run to Cudahy

INDEXED B.E. DATE

JOB NO. 0301.02

WEATHER Sunny INST. NO. 2569

TIME 3:15 — ROD NO. 25-3

NOTES CHKD Watson DATE 4/25/6

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 3-5 TO BM 3-4
BM 3-5									(BM 3-5 (US 4002) USCEGS S-778
1	165	732	466 5	179 159 28	180	539	481 5	194 166 28	State Hwy #39 & Bridge #161 at Buena Park RR Sta
2	150	346	451 5	173 127 46	086	868	387 5	109 64 45	FB 1204-9
3	163	612	464 5	187 140 47	129	958	430 5	152 107 47	
4	181	250	482 5	204 158 46	167	812	468 5	190 144 46	
5	229	343	530 5	252 205 47	161	231	462 5	185 138 47	
6	185	210	486 5	208 165 43 257	990	870	391 5	109 66 43 256 257 513	
TOTAL	1075	493			817	278			METERS
	817	278							
DIFF/ELEV	258	215							
BM 3-4									BM 3-4 Stage Rd 0.6 Mi NW of RR Sta at Buena Park FB 1204-8

76P526B CE # 308 8-59

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700 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 EEC, Guzzardo
NOTES BY EEC, Guzzardo DATE 8-28-61 WEATHER Clear TEMP. 80 INST. NO. 15126
INDEXED H. E. Ott DATE SEP 13 '61 NOTES CHKD [illegible] DATE 9/25/61 ROD NO. 25-26
F.B. 2861 PG. 27

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM BM 3-5 TO BM 3-6
BM 3-5											BM 3-5 (US4002) E-778
1	138	525	439	5	157 / 117 / 40	226	657	527	5	248 / 204 / 44	Bridge #BA161 over State Hwy #39
											SEE FB 1204-9
2	128	841	429	5	151 / 104 / 47	147	647	448	5	169 / 125 / 44	
3	174	442	475	5	197 / 151 / 46	020	764	321	5	XY / 43 / 20 / 46	
4	161	620	462	5	184 / 138 / 46	101	769	402	5	124 / 78 / 46	
											T A. Goble
5	150	668	451	5	173 / 127 / 46	101	205	402	5	124 / 78 / 46	
6	143	387	444	5	166 / 120 / 46	125	048	426	5	148 / 102 / 46	
7	166	047	467	5	189 / 143 / 46	096	727	397	5	119 / 73 / 46	
8	190	011	491	5	213 / 167 / 46	047	062	348	5	78 / 24 / 46	
9	243	252	544	5	266 / 220 / 46	065	648	366	5	88 / 42 / 46	
10	156	460	457	5	179 / 133 / 46	142	142	443	5	165 / 119 / 46	
11	141	148	442	5	163 / 119 / 44 / 501	161	051	462	5	183 / 139 / 44 / 600 / 501	
Total	1794	401				1235	720				100 METERS
Diff in Elev	558	681									BM 3-6 (US4003) E-778)
BM 3-6											LA HABRA R/R 0.15 MI N OF LUITWIELER
											FB 1204-10

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 3-6													FROM BM 3-6 TO BM 3-5
													BM 3-6 (US 4003) R-778
1	173	994	474	5	195 / 151	44	137	930	438	5	159 / 115	44	LA HABRA Rd & 0.15 mi N. of Luitwieler Av
													FB 1204-10
2	118	138	419	5	141 / 95	46	148	910	449	5	171 / 125	46	
3	066	238	367	5	89 / 43	46	234	584	535	5	257 / 211	46	
4	037	229	338	5	60 / 14	46	189	449	490	5	212 / 166	46	
													⊼ A. Goble
5	099	555	400	5	122 / 76	46	169	183	470	5	192 / 146	46	
6	119	973	420	5	142 / 96	46	142	413	443	5	165 / 119	46	
7	112	942	413	5	135 / 89	46	147	449	448	5	170 / 124	46	
8	109	029	410	5	132 / 86	46	165	957	466	5	188 / 142	46	
9	015	388	316	5	42 / 38 / 15	46	178	283	479	5	201 / 155	46	
10	142	088	443	5	165 / 119	46	125	737	426	5	148 / 102	46	
11	219	997	520	5	242 / 197	45 / 50	133	892	434	5	155 / 111	44 / 50	
Total	1214	571					1773	787				1005	METERS
Diff 1'N							1214	571					
Elev							559	216					
BM 3-5													BM 3-5 (US 4002) S-778) Bridge #BA16 over St. Hwy #35 FB 1204-9

F.B. 2861 PG. 28

SURVEY OF C.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES GEC

INDEXED H.E. OH DATE

JOB NO. 0301.02

WEATHER Clear INST. NO. N3 75234

TIME 3:15 - 8:00 ROD NO. 25-96

NOTES CHKD [illegible] DATE 7/25/61

76P526B CE # 308 8-59

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700 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 A.C. GALANO WEATHER CLR/PTLY CLDY INST. NO. 375231
NOTES BY A.C.G. DATE 8-30-61 TIME 1:53 PM TO 2:45 ROD NO. 3569
INDEXED H.E.OTT DATE SEPT 13 61 NOTES CHKD. [illegible] DATE 9/20/61
F.B. 2861 Pg. 29

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS RERUN
	RIGHT	MIC.	LEFT	STADIA		RIGHT	MIC.	LEFT	STADIA		FROM BM 3-5 TO BM 3-6
BM 3-5											BM 3-5 (USC&GS 4002) S=778
1	132	138	433	5 154 110	44	224	622	525	5 245 202	44	BRIDGE # BA 161 & HWY #39
2	129	332	430	5 152 106	46	140	473	441	5 163 117	46	SEE F.B. 1204-9
3	171	011	472	5 194 148	46	008	891	309	5 31 8 x2	46	
4	181	135	482	5 204 158	46	128	420	429	5 151 105	46	
5	162	189	463	5 185 139	46	121	762	422	5 144 98	46	
6	152	490	453	5 175 129	46	132	518	433	5 155 109	46	
7	179	830	475	5 197 151	46	104	041	495	5 127 81	46	X LE GAULT
8	175	693	470	5 198 152	46	034	121	335	5 57 11	46	
9	244	560	545	5 247 221	46	064	690	365	5 87 41	46	
10	193	222	464	5 186 140	46	145	056	446	5 168 122	46	
11	142	418	443	5 164 120	44	165	743	466	5 187 143	44	
TOTAL	1823	018	✓		502	1270	337			502	
DIFF IN ELEV	558	681	✓							502	
										1004	METERS
BM 3-6											BM 3-6 (USC&GS 4003) R-778 AUE
											LA HABRA RD & 0.15 M. N. OF LUITWIELER
											SEE F.B. 1204-10

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS RERU
													FROM BM 3-6 TO BM 3-5
BM 3-6													BM 3-6 (US 4003) R-778
1	173	821	474	5	195 / 151	44	149	423	450	5	171 / 121	44	LA HABRA RD @ 0.15 MI NOF LUIT WIELER AV
													SEE F.B. 1204-10
2	146	411	447	5	169 / 123	46	165	218	466	5	188 / 142	46	
3	062	002	363	5	85 / 39	46	240	140	541	5	263 / 217	46	
4	056	[illegible]	357	5	79 / 33	46	199	887	500	5	222 / 176	46	
5	097	873	398	5	120 / 74	46	173	356	474	5	196 / 150	46	
6	123	770	424	5	146 / 100	46	140	268	441	5	163 / 117	46	
7	118	638	419	5	141 / 95	46	157	830	458	5	180 / 134	46	
8	115	308	416	5	138 / 92	46	161	741	462	5	184 / 138	46	⊼ LE GAULT
9	006	443	307	5	82 / 29 / 6	46	181	088	482	5	204 / 158	46	
10	147	248	448	5	170 / 124	46	126	510	427	5	149 / 103	46	
11	220	885	521	5	242 / 198	44	132	750	433	5	154 / 110	44	
TOTAL	1269	081				502	1828	111				502	
DIFF IN							1269	081				502	
ELEV							559	030				1004	METERS
BM 3-5													BM 3-5 (US 4002) S-778
													BRIDGE # BA161 @ HWY #39
													SEE F.B 1204-9

F.B. 2861 PG. 30

JOB NO. 0301.02

SURVEY OF I. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 8-29-61

INDEXED R. E. OTT DATE

WEATHER SUNNY INST. NO. 7523

TIME 2 45 TO 3 35 ROD NO. 9563

NOTES CHKD [illegible] DATE 9/25/61

76P526B CE # 308 8-59

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

SURVEY BY A C GUIZADO WEATHER OVERCAST INST. NO. N3 7523

NOTES BY ALG DATE 8-30-61 TIME 9.25 TO 10.10 ROD NO. 9529

INDEXED H E OTT DATE SEP 13 '61 NOTES CHKD [illegible] DATE 9/25/61

F.B. 2861 PG. 31

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS RERUN FROM BM 3-6 TO BM 3-5
BM 3-6													BM 3-6 (US 4003) (R778)
1	178	113	479	5	200 / 156	44	159	113	460	5	181 / 137	44	LA HABRA RD & 0.15 MI N LUITWIELER
													SEE F.B. 1204-10
2	141	199	442	5	164 / 118	46	154	924	455	5	177 / 131	46	
3	067	841	368	5	90 / 44	46	248	044	549	5	271 / 225	46	
4	077	404	378	5	100 / 54	46	218	574	519	5	241 / 195	46	
5	107	861	408	5	130 / 84	[illegible]	182	975	483	5	[illegible] / 159	46	
6	155	315	456	5	178 / 132	46	170	932	471	5	193 / 147	46	
7	134	811	435	5	157 / 111	46	175	215	476	5	198 / 152	46	⊼ LE GAULT
8	133	189	434	5	156 / 110	46	290	443	591	5	290 / 267	46	
9	119	370	420	5	142 / 96	46	182	794	483	5	205 / 159	46	
10	152	792	453	5	175 / 129	46	132	372	433	5	155 / 109	46	
11	222	452	423	5	244 / 200	44	134	235	435	5	156 / 112	44	
TOTAL	1490	347				502	2049	621				502	
DIFF IN							1490	347				502	
ELEV							559	274				1004	METERS
BM 3-5													BM 3-5 (US 4002) S778
													BRIDGE # BA161 & HWY # 39
													SEE F.B 1204-9

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 3-5 TO BM 3-6
BM 3-5													BM 3-5 (US 4002) (S778)
1	138	720	439	5	160 / 117	43	231	651	532	5	253 / 210	43	BRIDGE # B161 & HWY # 39
2	130	760	431	5	153 / 107	46	144	590	445	5	167 / 122	45	SEE FB 1204-9
3	159	895	460	5	182 / 137	45	019	092	320	5	42 / 41 / 19	44	
4	201	401	502	5	225 / 178	47	123	702	424	5	147 / 100	47	
5	166	072	467	5	190 / 144	46	129	653	430	5	152 / 107	45	
6	159	858	460	5	183 / 136	47	136	656	437	5	160 / 114	46	
7	173	368	474	5	196 / 151	45	100	928	401	5	124 / 78	46	⊼ G.E COOK
8	193	422	494	5	217 / 171	46	054	921	355	5	78 / 32	46	
9	227	940	528	5	250 / 205	45	046	335	347	5	69 / 23	46	
10	150	525	451	5	174 / 127	47	125	909	426	5	148 / 102	46	
11	142	440	443	5	165 / 122	43	171	643	472	5	194 / 149	45	
TOTAL	1844	401				500	1285	080				499	
DIFF IN	1285	080										500	
ELEV	559	321										999	METERS
BM 3-6													BM 3-6 (US 4003) (R778
													LAHABRA RD & 0.15 MI N LUIT WIELER
													SEE FB 1204-10

WEATHER COOL INST. NO. N3 7523

TIME 10.10 TO 11.00 ROD NO. 95 [illegible]

NOTES CHKD [illegible] DATE 9/25/6[illegible]

JOB NO. 0301.02

SURVEY OF C.A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES A.L.G.

INDEXED H. E. OTT DATE

F.B. 2861 PG. 32

76P526B CE # 308 8-59

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

F.B. 2861 Pg. 5

SURVEY BY EC Hall & Co DATE 8-28-61 WEATHER Clear INST. No. 15 031

NOTES BY E.F.C. TIME 1400 TO 2215 ROD NO. 23-24

INDEXED H. E. Ott DATE SEP 13 '61 NOTES CHKD W.M. DATE 7/25/62

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM BM 3-6 TO BM 3-7A
BM 3-6									BM 3-6 (US4003) (R-778)
1	184	881	485	204 164 40	096	598	397	116 76 40	LA HARBOR Rd 0.15 mi No. of Lu Whueler
									FB 1204-10
2	172	343	473	195 149 46	090	120	391	113 67 46	
3	171	179	472	194 148 46	091	163	392	114 68 46	
4	168	988	469	191 145 46	097	855	398	120 74 46	
5	172	433	473	195 149 46	092	473	393	115 69 46	T A. Goble
6	202	029	503	225 179 46	097	243	398	120 74 46	
7	197	100	498	220 174 46	108	045	409	131 85 46	
8	196	397	497	219 173 46	099	617	400	122 76 46	
9	218	048	519	241 195 46	061	480	362	84 38 46	
10	250	517	551	273 227 46	077	298	378	100 54 46	
11	179	283	480	202 156 46	102	888	403	125 79 46	
12	181	482	482	194 168 26	101	410	402	114 88 26	
13	196	867	491	210 182 28	134	134	435	148 120 28	BM 3-7A
				554	1250	324		554	LA HARBOR Rd & ROSECRANS AVE
TOT	2491	547						554	
DIFF IN ELEV	1250	324						METERS = 1108	FB 2861-8

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 3-7A TO BM 3-6
BM 3-7													BM 3-7A
1	130	659	431	5	144 / 116	28	192	913	493	5	206 / 178	28	LA HABRA Rd & ROSECRANS AVE FB2861-8
2	105	118	406	5	118 / 92	26	186	122	487	5	199 / 173	26	
3	102	422	403	5	125 / 79	46	178	420	479	5	201 / 155	46	
4	072	610	373	5	95 / 49	46	244	177	545	5	267 / 221	46	
5	059	181	360	5	82 / 36	46	223	346	524	5	246 / 200	46	⊼ A. Goble
6	108	149	409	5	131 / 85	46	198	853	499	5	221 / 175	46	
7	110	961	411	5	133 / 87	46	199	519	500	5	222 / 176	46	
8	095	368	396	5	118 / 72	46	202	666	503	5	225 / 179	46	
9	093	177	394	5	116 / 70	46	200	558	501	5	223 / 177	46	
10	113	777	414	5	136 / 90	46	168	320	469	5	191 / 145	46	
11	115	033	416	5	138 / 92	46	177	656	478	5	200 / 154	46	
12	097	233	398	5	120 / 74	46	181	792	482	5	204 / 158	46	
13	105	192	406	5	125 / 85	40	195	848	496	5	215 / 175	40	BM 3-6 (US 4003) E-778
Total	1308	880				554	2550	190				554 / 554	LA HABRA Rd & 0.15 mi No. of
							1308	880			METERS	1108	Lintwieler Ave FB1204-10
DIFF/ELEV							1241	310					

WEATHER clear INST. NO. N3 75230

TIME 2:25 TO 3:15 ROD NO. 95-98

NOTES CHKD. [illegible] DATE 9/26/[illegible]

F.B. 2861 PG. 34 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES G.E.C.

INDEXED B. E. OTT DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A C GUIZADO WEATHER OVERCAST INST. NO. N37523

NOTES BY ALG DATE 8-29-61 TIME 830 TO 905 ROD NO. 95 & 99

INDEXED H. E. OTT DATE SEP 13 '61 NOTES CHKD H J Tm DATE 9/28/61

F.B. 2861 PG. 35

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS FROM BM 3-7A TO BM 3-8
BM 3-7A													BM 3-7A
1	169	165	470	5	192 146	46	108	948	409	5	131 85	46	LA HABRA RD & ROSECRANS AVE
													SEE F.B. 2861-8
2	178	901	479	5	201 155	46	095	527	396	5	118 72	46	
3	205	581	506	5	229 182	46	095	424	396	5	118 72	46	
4	201	831	502	5	224 178	46	060	532	3[illegible]	5	83 37	46	
5	240	830	541	5	[illegible] 217	46	[illegible]	[illegible]	346	5	68 22	46	
6	2[illegible]2	081	5[illegible]	5	281 242	39	018	214	319	5	82 38 12	40	
7	271	831	572	5	288 254	34	028	601	329	5	46 10	36	LE GAULT
8	265	329	566	5	284 246	38	050	638	351	5	68 32	36	
9	215	709	516	5	230 200	30	086	351	387	5	101 71	30	
10	209	891	510	5	227 191	36	110	652	411	5	128 92	36	
TOTAL	2221	149				407	699	608				408	
IFF IN	699	608										407	
ELEV	1521	541										815	METERS
M 3-8													BM 3-8 (LA HABRA C-12A)
													LA HABRA Rd & 1¼ mi SW'ly of
													IMPERIAL HWY FB 1204-12

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 3-8 TO BM 3-7A
BM 3-8													BM 3-8 (LA HABRA C-12A)
1	117	043	418	5	135 / 99	36	216	073	517	5	234 / 198	36	LA HABRA Rd & 1¼ mi SW'ly OF
2	089	818	390	5	104 / 74	30	219	701	520	5	234 / 204	30	IMPERIAL HWY FB1204-12
3	052	290	353	5	70 / 34	36	267	241	568	5	286 / 248	38	
4	032	848	333	5	50 / 14	36	278	565	579	5	296 / 260	36	
5	025	442	320	5	45 / 5	40	264	186	565	5	283 / 245	38	
6	043	589	344	5	65 / 21	44	241	432	542	5	264 / 217	47	
7	050	611	351	5	73 / 27	46	190	199	491	5	213 / 167	46	⊼ LE GAULT
8	091	060	392	5	114 / 67	47	189	216	490	5	211 / 167	44	
9	077	912	378	5	100 / 54	46	191	583	492	5	214 / 168	46	
10	127	146	428	5	150 / 104	46	170	964	471	5	193 / 147	46	
TOTAL	707	759				407	2229	160				407	
DIFF IN							707	759				407	
ELEV							1521	401				814	METERS
BM 3-7A													BM 3-7A
													LA HABRA RD & ROSECRANS AVE
													SEE F.B 2861-8

F.B. 2861 PG. 36

SURVEY OF F.A. CO. PRECISE LEVEL NL

SURVEY BY ACG NOTES ALG 8-29-61

INDEXED B.E. OTT DATE

JOB NO. 0301.02

WEATHER SUNNY INST. NO. N37523

TIME 1:00 TO 1:45 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE 9/25/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A C GUIZADO DATE 8-29-61 WEATHER OVER CAST INST. NO. 75230

NOTES BY ALG DATE 8-29-61 TIME 905 TO 925 ROD NO. 95 & 90

INDEXED H. E. OTT DATE SEP 13 '61 NOTES CHKD [illegible] DATE [illegible]

F.B. 2861 PG. 37

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 3-8 TO BM 3-9
BM 3-8									BM 3-8 (LA HABRA C-12A)
1	251	752	552 5	274 228 46	149	172	450 5	172 126 46	LA HABRA Rd & 1¼ mi SW of Imperial Hwy FB1204-12
2	106	542	407 5	129 83 46	244	589	545 5	268 220 48	
3	048	233	349 5	63 33 30	249	778	550 5	265 233 32	
4	101	162	402 5	108 94 14	220	584	221 5	226 214 12	
				136				138	
TOTAL	507	689			864	123		136	METERS
DIFF IN ELEV					507	689		274	
					356	434			
BM 3-9									BM 3-9 (US 4004) M-779 LA HABRA Rd & 1º mi SW of Imperial Hwy FB1204-13
BM 3-8									BM 3-8 (SEE ABOVE)
1	133	711	434 5	137 128 9	167	091	468 5	172 162 10	
					133	711		9	
DIFF/ELEV					33	380		19	
TBM									TBM (2C-43-57) EL = 198.08 1¼" metal tag & nail mk'd "Co Surv. RE 7872 ORANGE CO" FB1204-12

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2861 PG. 38 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NE

SURVEY BY ACO NOTES ALG 8-29-61

INDEXED B.E. OH DATE

WEATHER OVER CAST INST. NO. 75234

TIME 11:15 TO 11:35 ROD NO. 952 & 96

NOTES CHKD Sutton DATE 9/26/61

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 3-9 TO BM 3-8
BM 3-9													BM 3-9 (4534004) M-779 LA HABRA 1½ MI SW OF IMPERIAL HWY SEE FB 1204-13
1	222	417	523	5	230 214	16	103	084	404	5	110 96	14	
2	242	900	543	5	258 226	32	042	293	343	5	57 21	36	
3	237	749	538	5	260 214	46	088	589	399	5	123 74	49	
4	135	927	436	5	158 112	46	238	633	539	5	261 215	46	TILL G-AULT
						140						139	
TOTAL	838	993					482	595				140	
DIFF IN ELEV	482	595										279	METERS
	356	398											
BM 3-8													BM 3-8 (LA HABRA C-12A) LA HABRA Rd & 1½ MI SW OF IMPERIAL HWY FB 1204-12
TBM 1	166	641	467	5	171 161	10	133	242	434	5	137 128	9	Fd TBM (2C-43-57) EL=198.08
	133	242										10	LA HABRA Rd
DIFF/ELEV	33	399										19	SEE FB 1204-12
BM 3-8													BM 3-8 (SEE ABOVE)

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY A L C G UIZADO WEATHER CLEAR TEMP. 90°F INST. NO. 33725
NOTES BY A L C G UIZADO DATE 8-29-61 TIME 9:25 AM ROD NO. 5 & 9
INDEXED H. E. OTT DATE SEP 13 61 NOTES CHKD [illegible] DATE 9/15/61
F.B. 2861 PG. 57

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
													FROM BM 3-9 TO BM 3-10
BM 3-9													BM 3-9 (USC&GS 4004) M779
1	167	290	468	5	173 161	12	184	611	485	5	190 178	12	LA HABRA Rd & 1/2 MI SW. OF Imperial Hwy FB 1204-13
2	126	105	421	5	149 103	46	071	880	372	5	94 48	46	
3	170	782	971	5	181 158	23	178	309	479	5	190 166	24	⊼ LE GAULT
TOTAL	464	177				81	434	800				82	
DIFF IN ELEV	434	800										81	
	29	377										163	METERS
T.BM 1	246	003	547	5	269 223	46	208	053	509	5	231 185	46	Ed TBM (2C-42-57) EL=188.46 LA HABRA Rd & CULV.
2	263	125	394	5	X2 283 260	46	025	450	396	5	48 2	46	METAL DISK & N. MKD "CO SURV BM RE 7872 ORANGE CO."
3	284	243	585	5	X2 284 260	48 140	163	021	464	5	187 139	48 140	℄ In. concrete head-wall of culvert on W. side of La Habra Rd., 1.0 mi SW. of Imperial Hwy & 35' N. of ℄ of cross road to oilfield
TOTAL	813	371					396	524				140	
DIFF IN ELEV	396	524										280	METERS
	416	847											
BM 3-10													BM 3-10 (LA HABRA C-12) LA HABRA Rd @ 0.85 MI SW. OF Imperial Hwy FB 1204-14

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 3-10 TO BM 3-9
BM 3-10													BM 3-10 (LA HABRA C-12)
1	166	391	467	5	190 142	48	287	509	588	5	X2 287 263	48	LA HABRA Rd & 0.85 mi SW OF Imperial Hwy FB 1204-14
2	019	862	320	5	X2 43 19	48	278	449	579	5	301 255	46	
3	214	332	515	5	237 191	46 142	251	344	552	5	275 228	47 141	⊼ LE GAULT
TOTAL	400	585					817	302				142	
DIFF IN							400	585				283	METERS
ELEV							416	717					
TBM													TBM (2C-42-57) EL=188.46
1	194	464	495	5	206 182	24	264	666	565	5	276 252	24	LA HABRA Rd & culv # METAL DISK & N. MKD "Co. Surv. BM RCE 7872 ORANGE Co."
2	147	476	448	5	170 124	46	125	469	426	5	148 102	46	
3	181	563	482	5	187 175	12 82	162	691	463	5	168 156	12 82	
TOTAL	523	503					552	826				82	
DIFF IN							523	503				164	METERS
ELEV							29	323					
BM 3-9													BM 3-9 (US 4004) M 775 LA HABRA Rd & 1.2 mi SW. OF Imperial Hwy FB 1204-12

WEATHER OVER CAST INST. NO. N3 7523
TIME 10.50 TO 11.15 ROD NO. 95 & 96
NOTES CHKD [signature] DATE 9/26/62

JOB NO. 0301.02
SURVEY OF C.A. CO. PRECISE LEVEL NO
SURVEY BY ACG NOTES ALG 8-29-61
INDEXED H. E. OTT DATE

F.B. 2861 PG. 40

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 3-10 TO BM 3-11A
BM 3-10									BM 3-10 (LA HABRA C-12)
1	083	298	384 5	106 60 46	191	471	492 5	214 168 46	LA HABRA Rd & 0.85 mi SW'Y OF IMPERIAL HWY FB1204-14
2	139	609	440 5	162 116 46	140	659	447 5	169 123 46	
3	144	858	445 5	167 121 46	163	202	464 5	186 140 46	
4	131	640	432 5	154 108 46	170	833	471 5	193 147 46	↑ LE GAULT
5	128	948	429 5	143 113 30	135	618	436 5	151 119 32	
6	123	619	424 5	137 109 28	092	701	393 5	105 78 27	
				242				241	
TOTAL	751	972			900	484		242	
DIFF IN ELEV					751	972		483	METER
					148	512			
BM 3-11A									BM 3-11A (2C-4157) EL=197.25 LA HABRA Rd & mi S'Y OF IMPERIAL HWY FB2861-

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

SURVEY BY A C GUIZADO WEATHER OVER CAST INST. NO. N37523

NOTES BY A L G DATE 8-29-61 TIME 10:00 TO 10:25 ROD NO. 95 & 9

INDEXED H. E. OTT DATE SEP 13 '61 NOTES CHKD [illegible] DATE 9/24/61

F.B. 2861 PG. 1

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 3-11A TO BM 3-10
BM 3-11A													BM 3-11A (2C-41-57) EL=197.25
1	095	618	396	5	109 / 81	28	126	503	427	5	140 / 112	28	LA HABRA Rd & mi S'ly OF IMPERIAL HWY FB 2861-9
2	144	001	445	5	160 / 128	32	138	361	439	5	153 / 123	30	
3	172	267	473	5	195 / 148	47	135	406	436	5	158 / 112	46	
4	165	853	466	5	188 / 142	46	143	995	444	5	166 / 120	46	
5	147	769	448	5	170 / 124	46	140	719	441	5	164 / 116	48	
6	192	717	493	5	215 / 169	46	084	793	385	5	107 / 61	46	⊼ LE GAULT
						245						244	
TOTAL	918	220					769	777				245	
DIFF IN	769	777										489	METERS
ELEV	148	443											
BM 3-10													BM 3-10 (LA HABRA C-12) LA HABRA Rd & 0.85 mi S W'ly OF IMPERIAL HWY FB 1204-14

WEATHER OVERCAST INST. NO. N3 75230

TIME 10.25 To 10.50 ROD NO. 95 d 9

NOTES CHKD [illegible] DATE 9/26/61

JOB NO. 0301.02

SURVEY OF F.A.M. PRECISE LEVEL NO.

SURVEY BY ACG NOTES ALG 8-29-61

INDEXED H.E. OTT DATE

F.B. 2861 PG. 42

76P526B CE # 308 8-59

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A C GUIZADO

NOTES BY ALG DATE 8-30-61 WEATHER SUNNY TIME 11:10 to 11:45 INST. NO. N3 75223

INDEXED H. E. OTT DATE SEP 13 '61 NOTES CHKD [illegible] DATE 9/28/61 ROD NO. 35C8

F.B. 2861 PG. [illegible]

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 3-11A TO BM 3-12
BM 3-11A									BM 3-11A (EL 197.25) 2C 41 57
1	131	272	432 5	154 109 45	110	451	411 5	134 88 46	LAHABRA RD & MI SLY OF
2	171	658	472 5	195 149 46	115	965	416 5	138 93 45	IMPERIAL HWY SEE F.B 2861-9
3	172	378	473 5	196 150 46	139	200	440 5	161 116 45	
4	183	439	484 5	206 160 46	089	242	390 5	112 67 45	
5	129	005	430 5	152 107 45	155	241	456 5	178 133 45	
6	198	558	499 5	221 176 45	140	558	441 5	163 117 46	⊼ GE COOK
7	170	572	471 5	193 147 46	129	891	430 5	151 107 44	
8	163	720	464 5	186 141 45	127	383	428 5	150 104 46	
9	182	387	483 5	205 160 45	115	438	416 5	138 92 46	
10	187	431	488 5	206 169 37	167	685	468 5	186 149 37	
TOTAL	1690	420		446	1291	054		445	
DIFF IN	1291	054						446	
ELEV	399	366						891	METERS
BM 3-12									BM 3-12 (LAHABRA D-11) LAHABRA RD & IMPERIAL HWY SEE F.B 1204-16

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 3-12 TO BM 3-11A
BM 3-12													BM 3-12 (LA HABRA D-11)
1	172	610	473	5	191 / 154	37	192	205	493	5	211 / 174	37	LA HABRA RD & IMPERIAL HWY
													SEE F.B 1204-16
2	115	969	416	5	138 / 93	45	176	503	477	5	199 / 154	45	
3	117	796	418	5	140 / 95	45	159	881	460	5	182 / 137	45	
4	125	560	426	5	148 / 103	45	166	760	467	5	190 / 143	47	
5	117	320	418	5	140 / 95	45	176	231	477	5	199 / 154	45	
6	157	053	458	5	180 / 135	45	128	990	429	5	151 / 105	46	
7	089	679	390	5	112 / 61	45	186	062	487	5	209 / 164	45	⊼ GE COOK
8	141	093	442	5	164 / 118	46	176	832	477	5	200 / 154	46	
9	115	538	416	5	138 / 92	46	167	631	468	5	190 / 144	46	
10	122	858	423	5	146 / 99	47	143	640	444	5	165 / 120	45	
TOTAL	1275	476				446	1674	741				447	
DIFF IN							1275	476				446	
ELEV							399	265				893	METERS
BM 3-11A													BM 3-11A (EL 197.25) 2C 4157
													LA HABRA RD & . MI SLY OF
													IMPERAL HWY
													SEE FB 2861-9

F.B. 2861 PG. 44

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 8-30-61

INDEXED H. E. OTT DATE

JOB NO. 0301.02

WEATHER SUNNY INST. NO. N3 7523

TIME 11.45 TO 12.15 ROD NO. 9589

NOTES CHKD [illegible] DATE 9/30/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A L C (GUIZADO) WEATHER SUNNY INST. NO. 95231

NOTES BY A L C DATE 8-30-61 TIME 1.30 TO 2.25 ROD NO. 9529

INDEXED H. E. ON DATE SEP 12 '61 NOTES CHKD [illegible] DATE 9/26/61

F.B. 2861 PG. 45

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 3-12 TO BM 3-13A
BM 3-12													BM 3-12 (LA HABRA D-11)
1	229	223	530	5	248 / 211	37	131	879	432	5	151 / 112	39	LA HABRA RD & IMPERIAL HWY
													SEE F.B 1204-16
2	232	060	533	5	255 / 210	45	081	342	382	5	105 / 58	47	
3	218	271	519	5	242 / 195	47	055	608	356	5	77 / 33	44	
4	251	256	552	5	266 / 236	30	034	975	335	5	50 / 19	31	
5	292	618	593	5	X2 292 / 277	30	007	718	308	5	X2 21 / 7	28	
6	298	001	599	5	X2 298 / 285	26	004	400	305	5	X2 17 / 4	26	↑ G.E Cook
7	293	570	594	5	X2 293 / 280	26	004	933	305	5	X2 17 / 4	26	
8	293	579	594	5	X2 293 / 280	26	005	080	306	5	X2 17 / 5	24	
9	285	459	590	5	302 / 276	26	015	492	316	5	X2 30 / 15	30	
10	265	770	566	5	279 / 252	27	058	841	359	5	71 / 46	25	
11	222	810	523	5	235 / 209	26	095	490	396	5	108 / 82	26	
12	203	070	504	5	226 / 181	45	159	670	460	5	182 / 137	45	
13	108	481	409	5	124 / 92	32	233	223	534	5	249 / 217	32	
TOTAL	3198	168 ✓				423	888	601				423	BM 3-13A
FF ( ) IN	888	601 ✓										423	IMPERIAL HWY & CO BOUNDARY
ELEV	2309	567 ✓				397					METERS	846	SEE F.B 2861-11
BM 3-13A													

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 3-13A TO BM 3-12
BM 3-13A	231	291	532	5	247 215	32	110	232	411	5	126 94	32	BM 3-13A
2	164	552	465	5	187 142	45	202	036	503	5	225 180	45	IMPERIAL HWY & CO BOUNDARY SEE F.B 2861-11
3	097	301	398	5	110 84	26	228	021	529	5	241 215	26	
4	059	555	360	5	72 46	26	257	051	558	5	270 244	26	
5	023	501	324	5	36 10	26	288	752	589	5	301 276	25	
6	004	978	305	5	x2 17 4	26	289	215	590	5	302 276	26	
7	008	559	309	5	x2 21 8	26	296	651	597	5	x2 296 283	26	⊼ GE COOK
8	006	902	307	5	x2 19 6	26	289	780	590	5	302 276	26	
9	008	732	309	5	x2 20 8	24	295	293	596	5	x2 295 278	34	
10	009	032	310	5	x2 25 9	32	252	351	553	5	268 236	32	
11	044	812	345	5	68 20	48	210	210	511	5	232 188	44	
12	079	690	380	5	102 56	46	227	212	528	5	250 204	46	
13	128	540	429	5	148 108	40	230	137	531	5	248 212	36	BM 3-12 (LA HABRA 0-11)
TOTAL	867	445				423	3176	941				424	LAHABRA RD & IMPERIAL HW
DIFF IN							867	445				423	SEE F.B 1204-16
ELEV							2309	496			METERS	847	
BM 3-12													

F.B. 2861 PG. 46 JOB NO. 0301.02

SURVEY OF C.A. CO. PRELIMINARY LEVEL NO.

SURVEY BY ACG NOTES ALG 8-30-61

INDEXED H.E. OTT DATE

WEATHER SUNNY INST. NO. N3 7523

TIME 2.25 TO 3.20 ROD NO. 95090

NOTES CHKD [illegible] DATE 9/26/61

76P526B CE # 308 8-59

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700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY A. C. Guzado DATE 8-31-61 TIME 7:15-12:00 WEATHER Clear & Hot INST. No. 2339
NOTES BY Jack Guzado DATE 8-31-61 NOTES CHKD Bill Bell DATE 9/1/61 ROD NO. 2339
INDEXED H. E. Ott DATE 9/13/61

F.B. 2841 Pg. 37

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA		RIGHT	MIC.	LEFT	STADIA		FROM BM 3-13A TO BM 3-14
BM 3-13A											BM 3-13A
1	125	990	426	5	191 119 12	184	373	485	5	190 178 12	IMPERIAL HWY & CO BOUNDARY
											SEE F.B 2861-11
2	049	732	350	5	62 35 27	266	893	567	5	279 252 27	
3	037	927	338	5	50 23 27	301	292	602	5	301 287 28	
4	029	448	330	5	43 15 28	245	037	546	5	259 231 28	
5	093	129	394	5	114 72 42	101	827	402	5	132 80 42	
6	241	958	542	5	254 227 27	044	367	345	5	58 30 28	
7	257	888	538	5	271 243 28	040	701	341	5	54 26 28	SUMRATION OF RUN
											BM 3-13A To BM 3-14
8	284	342	585	5	301 267 34	004	121	305	5	121 4 34	TOTAL
											BACKSIGHTS FORESIGHTS
9	276	658	577	5	290 262 28	041	908	342	5	55 27 28	+2328.361 -1959.353 430
											1959.353 130
10	265	488	566	5	282 248 34	060	995	361	5	77 43 34	+369.008 METERS 860
11	208	528	509	5	225 191 34	110	188	411	5	126 93 33	
12	176	877	477	5	193 159 34	175	061	476	5	192 158 34	
13	138	507	439	5	155 121 34	165	100	466	5	182 148 34	BM 3-14
											IMPERIAL HWY & FIRST AVE
14	142	329	443	5	163 122 41	217	490	518	5	237 197 40	SEE F.B 1204-18
	7328	361			430	1958	253			430	

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 3-14 TO BM 3-13A
BM 3-14									BM 3-14
1	241	205	542 5	261 221 40	168	036	469 5	188 148 40	IMPERIAL HWY & FIRST AVE
2	169	597	470 5	186 152 34	140	892	441 5	157 123 34	SEE F.B 1204-18
3	169	230	470 5	186 152 34	170	449	471 5	187 153 34	
4	110	637	411 5	127 93 34	211	713	512 5	228 194 34	
5	072	219	373 5	89 55 34	275	050	576 5	292 258 34	
6	040	122	341 5	54 26 28	275	044	576 5	289 261 28	SUMRATION OF RUN
7	008	523	309 5	x2 25 08 34	288	237	589 5	x2 288 271 34	BM 3-14 TO BM 3-13A
8	050	277	357 5	64 36 28	267	172	568 5	281 253 28	TOTAL
9	060	133	361 5	74 46 28	260	056	561 5	274 246 28	BACKSIGHTS +2040.546 FORESIGHTS -2409.665 43
10	098	522	399 5	119 77 42	087	627	388 5	108 66 42	2040.546 43
11	247	555	548 5	261 233 28	031	982	332 5	44 17 27	-369.119 86
12	300	592	601 5	x2 300 286 28	037	438	338 5	51 23 27	METE
13	282	563	583 5	296 268 28	065	187	366 5	79 51 28	BM 3-13A
14	189	371	490 5	195 182 13	130	782	431 5	136 124 12	IMPERIAL HWY & CO BOUNTY
BM 3-13A	2040	546		433	2409	665		430	SEE F.B 2861-11

F.B. 2861 PG. 48

SURVEY OF C.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES Le Chalet 8/31/61

INDEXED B.E. OTT DATE

JOB NO. 0301.02

WEATHER Sunny INST. NO. 75-23

TIME 1120 To 1200 ROD NO. 45-26

NOTES CHKD [illegible] DATE 9/26/61

76P526B CE # 308 8-59

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700 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 A C GUIZADO WEATHER Cloudy INST. NO. 85-234

NOTES BY Jon LeCault DATE 8/31/61 TIME 10:00-10:40 ROD NO. 85-96

INDEXED H E OTT DATE SEP 13 '61 NOTES CHKD [illegible] DATE 9/26/61

F.B. 2861 PG. 49

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 3-14 TO BM 3-15A
BM3-14									BM 3-14
1	193	792	494 5	216 / 170 46	183	022	484 5	206 / 160 46	IMPERIAL HWY & FIRST AVE
2	120	900	421 5	143 / 97 46	225	382	526 5	248 / 202 46	SEE FB 1204-18
3	039	972	340 5	60 / 18 42	282	412	583 5	282 / 261 42	
4	052	392	353 5	68 / 35 33	253	422	554 5	270 / 236 34	
5	054	452	355 5	71 / 37 34	257	159	558 5	274 / 240 34	
6	064	995	365 5	84 / 44 40	201	827	502 5	221 / 181 40	π AL GOBLE
7	118	219	419 5	138 / 98 40	195	510	496 5	215 / 175 40	
8	116	032	417 5	136 / 96 40	197	061	498 5	217 / 177 40	
9	118	097	419 5	138 / 98 40	201	138	502 5	221 / 181 40	
10	068	499	369 5	88 / 48 40	237	437	538 5	257 / 217 40	
11	095	824	396 5	110 / 80 30	216	603	517 5	231 / 201 30	
12	126	652	427 5	134 / 117 17	157	819	458 5	165 / 148 17	
	1169	826		448	2608	792		449	
					1169	826		448	BM 3-15A
					1438	966		897	FIRST AVE & OCEAN BLVD
									FB 2861-12
BM3-15A									

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Do not extend notes this side of this line.

INST. NO. 25723 ROD NO. 55-3 DATE 7/26/61

WEATHER Sunny TIME 10:40 = 11:20 NOTES CHKD Lutton

F.B. 2861 PG. 50 JOB NO. 6301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY A.C.E. NOTES L. Mault

INDEXED B.E.O.H. DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM BM 3-154 TO BM 3-14
BM 3-154											BM 3-154
1	157	662	458	5	165 148 17	127	450	428	5	135 118 17	FIRST AVE & OCEAN BLVD
2	213	492	514	5	229 198 31	088	119	389	5	103 72 31	FB 2861-12
3	231	944	532	5	251 211 40	068	091	369	5	88 48 40	
4	201	139	562	5	221 181 40	114	572	415	5	134 94 40	
5	192	549	493	5	212 172 40	116	044	417	5	136 96 40	
6	196	239	497	5	216 176 40	114	047	415	5	134 94 40	
7	200	788	501	5	220 180 40	066	912	367	5	86 46 46	
8	261	750	562	5	278 244 34	056	381	357	5	73 39 34	
9	253	055	554	5	270 236 34	055	142	356	5	72 38 34	
10	283	267	584	5	283 261 44	037	647	338	5	59 16 43	
11	229	670	530	5	252 206 46	131	752	432	5	154 108 46	
12	188	871	489	5	211 165 46	195	043	496	5	318 272 46	
	2610	504			452	1171	200			451	1
	1171	200								452	BM 3-14
	1439	304								903	FIRST AVE & IMPERIAL HWY
BM 3-14											FB 1204-18

76P526B CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — F.B. 2861 Pg. 5

SURVEY BY Paul Le Count — WEATHER Sunny — INST. NO. 25-82
NOTES BY Paul Le Count — DATE 8/21/61 — TIME 2:30 - 3:00 — ROD NO. 25-92
INDEXED H.E. Ott — DATE 8/31/61 — NOTES CHKD [illegible] — DATE 9/18/61

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 3-15A TO BM 3-16
BM 3-15A				188				156	BM 3-15A
1	165	331	466 5	142 46	133	595	434 5	110 46	Ocean Blvd & First Ave
									FB 2861-12
2	166	107	467 5	189 143 46	130	003	431 5	153 109 46	
3	174	079	475 5	197 151 46	133	530	434 5	156 110 46	
4	169	163	470 5	192 146 46	087	462	388 5	110 64 46	
5	241	900	542 5	364 218 46	103	140	404 5	126 80 46	
6	175	811	476 5	198 152 46	074	707	375 5	97 51 46	
7	167	097	468 5	190 144 46	146	012	447 5	169 123 46	
8	159	128	460 5	179 39 46	130	361	431 5	152 108 44	
9	121	068	422 5	145 96 49	165	761	466 5	187 142 45	
10	142	777	443 5	151 134 17	153	037	454 5	161 144 17	
	1682	561		428	1257	608		428	
	1257	608						428	
	424	953						856	
BM 3-16A									BM 3-16A
1	137	452	438 5	142 132 10	187	547	488 5	192 182 10	First Ave & Leffingwell Rd
					137	452		10	FB 1204-217
					50	095		20	BM 3-16
									FB 1204-20
BM 3-16									

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N-3 INST. NO. 2513 ROD NO. 25-26

WEATHER Sunny DATE 9/24/62

TIME 2:30 - 3:30 NOTES CHKD MTA

F.B. 2861 PG. 52

SURVEY OF C.A.M. PRECISE LEVEL NET JOB NO. 0301.02

SURVEY BY ACG NOTES LC Comp

INDEXED B.E.OH DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA		RIGHT	MIC.	LEFT	STADIA		FROM BM3-16 TO BM3-15A
BM3-16											BM3-16
1	189	333	490	5 194 184	10	139	222	440	5 144 134	10	FIRST AVE & LEFFINGWELL Rd
	139	222								10 20	FB 1204-30
	50	111									
BM3-16A											
1	151	100	452	5 159 142	17	140	961	441	5 149 132	17	BM3-16A
											FB 1204-217
2	180	446	481	5 203 157	46	145	900	446	5 168 122	46	
3	139	359	440	5 189 118	47	158	391	459	5 189 137	43	
4	147	882	448	5 170 124	46	168	488	469	5 191 145	46	
5	077	267	378	5 100 54	46	178	370	479	5 201 155	46	
6	102	732	403	5 125 79	46	242	311	543	5 265 219	46	
7	087	732	388	5 110 64	46	171	248	472	5 194 148	46	
8	133	649	434	5 156 110	46	170	091	471	5 193 147	46	
9	133	730	434	5 156 110	46	170	740	471	5 193 147	46	
10	132	479	433	5 153 109	44	164	917	465	5 187 141	46	
	286	318			425	1711	417			428	BM3-15A
						286	318			428	FIRST AVE & OCEAN BLVD
						425	099			850	FB 2861-12
BM3-15A											

76P526B CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY HC Gutzke DATE 9-1-61 WEATHER Clear F.B. 286 Page 49
NOTES BY SEC TIME 9:45 to 10:45 INST. NO. 1513
INDEXED H. E. Ott DATE SEP 13 '61 NOTES CHKD R.W. Thomas DATE 9/14/61 ROD NO. 2224

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM BM 3-16 TO BM 3-17
BM 3-16											BM 3-16
1	207	677	508	5	230 184 46	109	456	410	5	132 86 46	FIRST AVE & LEFFINGWELL Rd FB 1204-20
2	172	802	473	5	195 149 46	116	953	417	5	139 93 46	
3	228	415	529	5	251 205 46	064	085	365	5	87 41 46	
4	247	914	548	5	270 224 46	105	802	406	5	128 82 46	T LeGault
5	194	172	495	5	217 171 46	122	011	423	5	145 99 46	
6	192	418	493	5	215 169 46	117	713	418	5	140 94 46	
7	188	863	489	5	211 165 46	128	373	424	5	152 106 46	
8	175	843	476	5	198 152 46	113	608	414	5	136 90 46	
9	195	454	496	5	218 172 46	100	192	401	5	123 77 46	
10	190	122	491	5	206 174 32 446	954	122	455	5	179 138 32 446	
Total	1993	758				1132	315			692	Meters
Diff in Elev	1132	315									
	861	443									
BM 3-17											BM 3-17 First Ave & Whittier Blvd FB 1204-21

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Do not extend notes this side of this line.

F.B. 2861 PG 54
SURVEY OF C.A. CO. PRECISE LEVEL NET
SURVEY BY ACG NOTES GEC
INDEXED B.E.OH DATE
JOB NO. 0301.02
WEATHER Clear INST. NO. 3 7212 34
TIME 1140 To 1215 ROD NO. 95-96
NOTES CHKD DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM BM 3-17 TO BM 3-16
BM 3-17											BM 3-17
1	155	368	456	5	171 / 139 32	192	603	493	5	208 / 176 32	FIRST AVE & WHITTIER BLVD
2	101	919	402	5	124 / 78 46	200	082	501	5	223 / 177 46	FB 1204-21
3	119	124	420	5	142 / 96 46	171	508	478	5	200 / 154 46	
4	127	293	428	5	150 / 104 46	186	918	487	5	209 / 163 46	
5	118	630	419	5	141 / 95 46	194	687	495	5	217 / 171 46	& Mi. Le Gault
6	120	462	421	5	143 / 97 46	19[illegible]	768	492	5	219 / 168 46	
7	104	284	405	5	127 / 81 46	243	950	544	5	266 / 220 46	
8	059	188	360	5	82 / 36 46	223	199	524	5	246 / 200 46	
9	114	521	415	5	137 / 91 46	172	925	473	5	194 / 149 45	
10	111	551	412	5	132 / 88 46	209	771	510	5	233 / 187 46	?
					446					446	
Total	1132	264				1993	011			891	METERS
Diff in Elev						1132	264				
						860	747				
BM 3-16											BM 3-16
											FIRST AVE & LEFFINGWELL Rdt
											FB 1204-20

76P526B CE # 308 8-59

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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 Cuizado

NOTES BY [illegible] DATE 9-6-61

INDEXED B. E. OTT DATE SEP 13 '61

WEATHER [illegible]

TIME [illegible]

NOTES CHKD [illegible] DATE 9/26/[illegible]

F.B. 2861 PG. [illegible]

INST. NO. [illegible]

ROD NO. [illegible]

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 3-16 TO BM 3-17
BM 3-16													BM 3-16
1	205	238	506	5	227 / 184	43	107	033	408	5	131 / 83	48	FIRST AVE & LEFFINGWELL Rd
2	170	284	471	5	194 / 146	48	115	047	416	5	137 / 93	44	FB 1204-20
3	221	461	522	5	244 / 198	46	055	225	356	5	78 / 32	46	⊼ A-L-GOBLE
4	236	832	537	5	259 / 213	46	093	572	394	5	116 / 70	46	
5	188	312	489	5	211 / 165	46	118	565	419	5	141 / 95	46	
6	192	335	493	5	215 / 169	46	114	833	415	5	137 / 91	46	
7	180	098	481	5	203 / 157	46	120	435	421	5	143 / 97	46	
8	176	453	477	5	199 / 153	46	115	818	416	5	138 / 92	46	
9	197	656	498	5	220 / 174	46	102	888	403	5	125 / 79	46	
10	188	070	489	5	204 / 172	32 / 445	152	288	453	5	168 / 136	32 / 446 / 445	
	1956	739					1095	704				891	METERS
	1095	704											
	861	035											
BM 3-17													BM 3-17 First Ave & Whittier Blvd FB 1204-21

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2861 Pg. 56 — L.A. CO. PRECISE LEVEL NET — PROJ. NO. 2301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET — PROJ. NO. 2301.02

SURVEY BY Engineering Staff — NOTES Level & LT — DATE

INDEXED R.E. Ott — DATE

WEATHER Sunny — INST. NO. 4-3 — 2529

TIME 1120 - 1200 — ROD NO. 2554

NOTES CHKD Kim — DATE 9/26/62

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 3-17 TO BM 3-16
BM 3-17													BM 3-17
1	149	458	450	5	165 / 133	32	183	222	484	5	199 / 167	32	First Ave & Whittier Blvd
													FB 1204-21
2	099	815	400	5	122 / 76	46	200	300	501	5	223 / 177	46	
3	115	535	416	5	138 / 92	46	174	247	475	5	197 / 151	46	
4	124	506	425	5	147 / 101	46	184	072	485	5	207 / 161	46	
5	114	841	415	5	137 / 91	46	185	497	496	5	208 / 162	46	
6	116	792	417	5	139 / 93	46	192	632	495	5	215 / 169	46	
7	092	503	393	5	115 / 69	46	236	163	587	5	259 / 213	46	
8	063	133	364	5	86 / 40	46	225	817	526	5	248 / 202	46	
9	110	498	411	5	133 / 87	46	167	737	468	5	190 / 144	46	
10	102	962	403	5	125 / 80	45 / 445	201	578	502	5	224 / 178	46 / 446 / 491	
	1090	049					1951	265					METERS
							1090	049					
							861	216					
BM 3-16													BM 3-16
													First Ave & Laffingwell Rd
													FB 1304-21

76P526B CE # 308 8-59

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700 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 — F.B. 2861 Pg. 57

SURVEY BY: ELC Ruiz & Co. — WEATHER: Clear — INST. No. 25236

NOTES BY: ELC — DATE: 9-1-61 — TIME: 10:45 to 11:10 — ROD NO. 25-96

INDEXED: H. E. Ott — DATE: SEP 13 '61 — NOTES CHKD: WPM — DATE: 9/26/61

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM BM 3-17 TO BM 3-18
BM 3-17											BM 3-17
1	179	131	480	5	184 MS 09	151	266	452	5	158 146 10 9 19	First Ave & Whittier Blvd FB 1204-21
	151	266									
Diff in Elev #1	27	865									
1	192	032	493	5	201 183 18	194	583	495	5	203 185 18 18 36	BM #1 (Cut spk in c6) (WZ 451) FB 1204-215 & 216
						192	032				
						2	551				
Diff in Elev #2											TT Mr le Gault
1	196	881	497	5	211 181 30	123	022	424	5	138 108 30	BM #2 (Cut spk in c6) FB 1204-215, 216
2	202	674	503	5	225 179 46	066	702	367	5	89 43 46	
3	204	341	505	5	227 181 46	117	449	418	5	190 94 96	
4	196	113	497	5	219 173 46	116	829	417	5	139 93 46	
5	187	553	488	5	207 177 30	122	953	423	5	137 107 30	
6	178	812	479	5	187 169 18 216	116	964	417	5	124 108 19 217 216	
Total	1166	374				663	919			4/23	METERS
Diff in Elev	663	919									
BM 3-18	502	455									BM 3-18 (USK 215) C6 Bolt 1578 First Ave & Russell St FB 1204-22

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 3-18 TO BM 3-17
BM 3-18													
1	120	505	421	5	128 / 112	16	182	366	483	5	190 / 173	17	Bm 3-18 (US1215) (CSBM1578) FIRST AVE & RUSSELL ST FB1204-22
2	119	440	420	5	134 / 104	30	184	044	485	5	199 / 169	30	
3	117	069	418	5	140 / 94	46	195	202	496	5	218 / 172	46	
4	112	814	413	5	135 / 89	46	199	084	500	5	222 / 176	46	⊼ Mr Le Gault
5	066	405	367	5	89 / 43	46	205	643	506	5	228 / 182	46	
6	125	661	426	5	140 / 110	30 / 214	197	917	498	5	212 / 182	30 / 215 / 214	
Total	660	894					1164	256				429	METERS
Diff in Elev							660	894					
							503	362					
Bm #2													
1	188	240	489	5	198 / 179	19	185	704	486	5	194 / 176	18 / 19 / 17	Bm #2 (Bt. spk in cb) FB1204-215 & 216
	185	704											
Diff in Elev	2	536											
Bm #1													
1	149	652	450	5	154 / 144	10	177	528	478	5	182 / 172	10 / 10 / 20	Bm #1 (Bt. spk in cb) FB1204-215 & 216
							149	652					
Diff in Elev							27	876					
Bm 3-17													Bm 3-17 FIRST AVE & WHITTIER BLVD FB1204-21

F.B. 2861 PG. 58

SURVEY OF A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES GEC

INDEXED H. E. OTT DATE

JOB NO. 0301.02

WEATHER Clear INST. NO. 75234

TIME 11:20 to 11:40 ROD NO. 95-96

NOTES CHKD [illegible] DATE 9/26/61

76P526B CE # 308 8-59

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 Chiz-Hoo DATE 9-5-61 WEATHER Sunny
NOTES BY H. E. Ott DATE SEP 13 '61 TIME 7:30 - 7:50 INST. NO. 22
INDEXED H. E. Ott DATE SEP 13 '61 NOTES CHKD [illegible] DATE 9/14/61 ROD NO. 23-27
F.B. 3861 Pg. 57

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM #2 TO BM 3-18
BM #2									BM #2
1	197	532	498 5	212 182 30	125	617	426 5	140 110 30	Whittier Blvd & First Ave SW cor Bf-spk in cb, 50' W. of W. end CR
2	205	361	506 5	228 182 46	066	381	367 5	89 43 46	FB 1204-216
3	200	533	501 5	223 177 46	115	509	416 5	138 92 46	
4	193	757	442 5	216 170 46	107	482	408 5	130 84 46	⊼ A-L-Gioble
5	183	942	404 5	198 168 30	115	462	416 5	130 100 30	
6	168	288	469 5	177 160 17 215	116	418	417 5	125 108 17 215 215	
	1149	413			646	869		meters = 430	BM 3-18 (US 1215) First Ave & Russell St. FB 1204-22
	646	869							
	502	544							
BM 3-18									

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Sunny INST. NO. N-3
TIME 11:00 - 1:20 ROD NO. 45-46
NOTES CHKD Watson DATE 9/26/46

SURVEY OF C. A. CO. PRECISE LEVEL NET JOB NO. 0301, 12
SURVEY BY Peterson NOTES Lt. Cloudy
INDEXED H. E. Ott DATE
F.B. 2216 PG. 60

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 3-18 TO BM #2
BM 3-18				121				183	BM 3-18 (USE 215)
1	112	991	413 5	104 17	174	361	475 5	166 17	FIRST AVE & CUSSELLS +
2	121	488	422 5	136 106 30	184	467	485 5	199 169 30	FB 1204-22
3	115	081	416 5	138 92 46	198	478	499 5	221 175 46	
4	115	327	416 5	138 92 46	199	883	500 5	222 176 46	
5	067	131	368 5	90 44 46	205	511	506 5	228 182 46	
6	122	470	423 5	137 107 30	194	272	495 3	209 179 30	
				215				215	
	654	488			1156	972		215	
					654	488		430	
					502	484			METERS
BM #2									BM #2 Whittier Blvd & First Ave SW a Brass mon, 50' W. of W. end CR FB 1204-216

76P526B CE # 308 6-59

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LOS ANGELES COUNTY ENGINEER

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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 [illegible] DATE 9-1-61 WEATHER Clear

NOTES BY [illegible] DATE 9-1-61 TIME 2:10 to 2:50 INST. NO.

INDEXED H. E. OTT DATE SEP 13 '61 NOTES CHKD DATE ROD NO. 9546

F.B. 2861 PG. 67

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 3-18 TO BM 3-20A
BM 3-18													BM 3-18 (US 1215)
1	069	400	370	5	87 / 51	36	236	253	537	5	254 / 218	36	Russell st & First Ave FB 1206-22
2	076	524	377	5	99 / 53	46	226	211	527	5	249 / 203	46	
3	106	773	407	5	129 / 83	46	191	893	492	5	214 / 168	46	
4	119	392	420	5	142 / 96	46	197	369	498	5	220 / 174	46	
5	104	054	405	5	127 / 81	46	207 8	922	508	5	? 231 / 185	46 ?	T Mr. Le Gault
6	151	887	452	5	174 / 128	46	172	270	473	5	195 / 149	46	
7	095	735	396	5	118 / 72	46	252	400	553	5	275 / 229	46	
8	058	949	359	5	81 / 35	46	270	914	571	5	293 / 247	46	
9	092	462	293	5	103 / 81	22 / 380	171	354	472	5	182 / 160	22 / 380 / 380 / 760	
Total	875	176					1926 7	586					METERS
Diff in Elev							875	176					
							1051 2	410					
BM 3-20A													BM 3-20A (State Hwy BM) Whittier Blvd & Russell St FB 2408-24

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 3-20A TO BM 3-18
BM 3-20A													BM 3-20A State Hwy Br
1	173	133	474	5	184 162	22	094	638	395	5	105 83	22	Whittier Blvd & Russell St
													FB 2408-24
2	271	821	572	5	294 248	46	059	730	360	5	82 36	46	
3	254	212	555	5	277 231	46	094	120	395	5	117 71	46	
? 4 ?	167 9	571	468 70	5	192 146	46	145	136	446	5	168 122	46	⊼ Mr Le Gault
5	207	293	508	5	230 184	46	109	028	410	5	132 86	46	
6	199	242	500	5	222 176	46	122	258	423	5	145 99	46	
7	191	445	492	5	214 168	46	104	710	405	5	127 81	46	
8	229	261	530	5	252 206	46	080	731	381	5	103 57	46	
9	237	365	538	5	255 218	36	070	391	371	5	88 52	36	
						380						380	
Total	1931 3	343					881	392				760	METERS
Diff in	881	342											
Elev	1050 2	001											
BM 3-18													BM 3-18 US 1215
													First Ave & Russell St
													FB 1204-22

FOB 2861 PG. 62 JOB NO. 0301.02

SURVEY OF C.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES GEC

INDEXED B.E. OTT DATE

WEATHER Clear INST. NO. 7523

TIME 2:50 TO 3:25 ROD NO. 95-96

NOTES CHKD DATE

76P526B CE # 308 8-59

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 3-18 TO BM 3-20A
BM 3-18									BM 3-18 (US 1215)
1	066	911	367 5	84 48 36	227	167	528 5	245 208 37	~~FIRST AVE~~ & RUSSELL ST. BOGARDUS FB 1204-22
2	073	715	374 5	96 50 46	229	278	530 5	252 206 46	
3	110	227	411 5	133 87 46	198	051	499 5	221 175 46	
4	125	672	426 5	148 102 46	201	868	502 5	224 178 46	
5	101	832	412 5	124 78 46	202	077	503 5	225 179 46	A.L. GOBLE
6	150	069	451 5	173 127 46	173	958	474 5	196 150 46	
7	096	791	397 5	119 73 46	251	920	552 5	274 228 46	
8	061	111	362 5	84 38 46	275	082	576 5	298 252 46	
9	095	253	396 5	106 84 22	174	202	475 5	185 163 22	
				380				381 380	
	881	581			1933	603		761	METERS
					881	581			
					1052	022			
BM 3-20A									BM 3-20A (State Hwy Bm) Whittier Blvd & Russell St FB 2408-24

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

SURVEY BY C. VIZADO

NOTES BY C. Bault DATE 9-5-61

INDEXED B. E. OTT DATE SEP 13 '61

WEATHER Sunny

TIME 950-1015

NOTES CHKD [illegible] DATE 9/26/61

F.B. [illegible] PG. [illegible]

INST. NO. [illegible]

ROD NO. [illegible]

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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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K-3 INST. NO. 75434 ROD NO. 95-96 DATE 9/26/96

WEATHER Sunny TIME 0830 - 1100 NOTES CHKD WTM DATE

F.B. 2861 PG. 64 JOB NO. 4301102

SURVEY OF Civil ADD SURVEY BY NOTES McKnight INDEXED H.E.O'H DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM3-20A TO BM3-18
BM3-20A					185						107		BM3-20A (State Hwy Sta)
1	174	301	475	5	163	22 ✓	096	073	397	5	85	22 ✓	Whittier Blvd & Russells ✓
2	274	682	575	5	297 251	46 ✓	262	683	363	5	85 39	46 ✓	FB 2408-24
3	257	655	558	5	280 234	46 ✓	096	301	397	5	119 73	46 ✓	
4	173	172	474	5	196 150	46 ✓	157	852	458	5	190 134	46 ✓	
5	205	958	506	5	228 182	46 ✓	100	852	401	5	123 77	46 ✓	
6	196	998	497	5	219 173	46 ✓	119	091	420	5	142 96	46 ✓	
7	193	497	494	5	216 170	46 ✓	107	898	408	5	130 84	46 ✓	
8	230	079	531	5	253 207	46 ✓	080	180	381	5	103 57	46 ✓	
9	236	841	537	5	254 218	36 ✓	070	037	371	5	88 52	36 ✓	
						380						380 ✓	
	1943	183 ✓					890	967 ✓				380 ✓	
	890	967 ✓										760	METERS
	1052	216 ✓											
BM3-18													BM3-18 (US 1215)
													Bogardus Ave & Russell St.
													FB 1204-22

76P526B CE # 308 8-59

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY [illegible] DATE 9-6-61 WEATHER [illegible] INST. NO. [illegible]

NOTES BY [illegible] TIME [illegible] ROD NO. [illegible]

INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE [illegible]

F.B. 2861 Pg. 63

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 3-20A TO BM 3-20B
BM 3-20A									BM 3-20A
1	110	672	411 5	133 87 46	231	912	532 5	254 208 46	Whittier Blvd & Russell St
									FB2408-24
2	067	757	368 5	90 44 46	225	832	526 5	248 202 46	
3	060	955	361 5	83 37 46	209	457	510 5	232 186 46	
4	108	333	409 5	131 85 46	198	620	499 5	221 175 46	
5	102	550	403 5	125 79 46	200	200	501 5	223 177 46	
6	094	318	395 5	117 71 46	200	979	501 5	223 177 46	
7	128	777	429 5	151 105 46	161	418	462 5	184 138 46	
8	146	162	447 5	161 130 31	158	641	459 5	173 142 31	
9	141	378	442 5	157 125 32	145	135	446 5	161 130 31	
				385				384	
	960	902			1732	188		385	
					960	902		769	METERS
					771	286			
BM 3-20B									BM 3-20-B Whittier Blvd & Scott Ave FB2408-24

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3861 PG. 24 JOB NO. 230.02

SURVEY OF A.C.M. PRAISE LEVEL NP

SURVEY BY Ruiz & Lozano NOTES DATE

INDEXED H. E. Ott DATE

WEATHER Sunny INST. NO. 2534 K3

TIME 1:45 – 2:20 ROD NO. 45-47

NOTES CHKD Ktt DATE 9/24/64

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM BM3-20B TO BM3-20A
BM3-20B											BM 3-20B
1	148	926	449	5	163 / 132 31	145	033	446	5	161 / 130 31	Whittier Blvd & Scott Ave
2	158	249	459	5	173 / 142 31	145	747	446	5	161 / 130 31	FB 2408-24
3	162	967	463	5	185 / 139 46	130	344	431	5	153 / 107 46	
4	199	130	500	5	222 / 176 46	086	629	387	5	109 / 63 46	
5	197	342	490	5	220 / 174 46	105	592	406	5	128 / 82 46	
6	203	448	504	5	226 / 180 46	094	161	395	5	117 / 71 46	
7	196	022	497	5	219 / 173 46	057	500	368	5	90 / 44 46	
8	237	252	538	5	260 / 214 46	052	619	353	5	75 / 29 46	
9	209	982	510	5	232 / 186 46	114	251	415	5	137 / 91 46	
					384					384	
	1713	718				942	476			768	METERS
	942	476									
	771	242									
BM3-20A											BM 3-20A
											Whittier Blvd & Russell St
											FB 2408-24

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 Cuizado DATE 9-6-61 WEATHER Sunny INST. NO. B-294

NOTES BY Lecault DATE 9-6-61 TIME 2:30-3:00 ROD NO. B-96

INDEXED B. E. Ott DATE SEP 13 '61 NOTES CHKD. [illegible] DATE 9/26/61

F.B. 2861 Pg. 67

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM3-20B TO BM1-11
BM3-20B									BM 3-20B
1	199	011	500 5	222 / 176 46	113	954	414 5	136 / 90 46	Whittier Blvd & Scott Ave
2	214	071	515 5	237 / 191 46	101	177	402 5	124 / 78 46	FB 2408-24
3	193	097	494 5	216 / 170 46	087	029	388 5	110 / 64 46	
4	181	347	482 5	204 / 158 46	087	521	388 5	110 / 64 46	
5	210	662	511 5	233 / 187 46	130	537	431 5	153 / 107 46	
6	165	957	466 5	188 / 142 46	162	622	463 5	185 / 139 46	
7	153	777	454 5	176 / 130 46	184	382	485 5	207 / 161 46	
8	072	571	373 5	78 / 65 13	219	049	520 5	226 / 312 14	
				335				336	
TOTAL	1390	493			1086	271		335	
	1086	271						671	METERS
DIFF/ELEV	304	222							
BM1-11									BM 1-11 Whittier Blvd & Colima Rd FB 1202-16

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 1-11 TO BM3-20B
BM 1-11													BM 1-11
1	211	961	512	5	218 / 204	14	065	471	366	5	72 / 58	14	Whittier Blvd & Colima Rd
													FB 1202-16
2	180	697	481	5	203 / 157	46	149	742	450	5	172 / 126	46	
3	163	908	464	5	186 / 140	46	165	920	466	5	188 / 142	46	
4	133	107	434	5	156 / 110	46	214	777	515	5	237 / 191	46	
5	090	813	391	5	113 / 67	46	183	992	484	5	206 / 160	46	
6	091	888	392	5	114 / 68	46	197	561	498	5	220 / 174	46	
7	101	478	402	5	124 / 78	46	216	606	517	5	239 / 193	46	
8	115	149	416	5	139 / 92	47	199	077	500	5	223 / 176	47	
						337						337	
TOTAL	1089	001					1393	146				337	METERS
							1089	001				674	
DIFF/ELEV							304	145					
BM3-20B													BM3-20B
													Whittier Blvd & Scott Av.
													FB2408-24

F.B. 3861 PG 68

SURVEY OF L.A. CO. PRECISE LEVEL NE

SURVEY BY Tizon & Co NOTES LeGault

INDEXED _____ DATE _____

JOB NO. 2301.02

WEATHER Sunny N-3 INST. NO. 75234

TIME 3:00 - 3:30 ROD NO. 95-96

NOTES CHKD. Wm DATE 9/26/61

F.B. 2861 Pg. 69

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

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

NOTES BY DATE 10-1965 TIME ROD NO. 9819

INDEXED C. J. GALLI DATE NOV 65 NOTES CHKD DATE

L.A. Co. PRECISE LEVEL NET

JOB NO. 0301.02

LINE NO 3 - DIFF. IN ELEVATIONS

DESCRIPTIONS IN F.B. 3708-199 TO 236

F.B. 1204-5 TO 24

F.B. 2861-5 TO 12

DREIER
WILKS
MATHER
McKNIGHT
GOODWIN

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

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

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

Do not extend notes this side of this line.

76P526 CE # 308 3-61

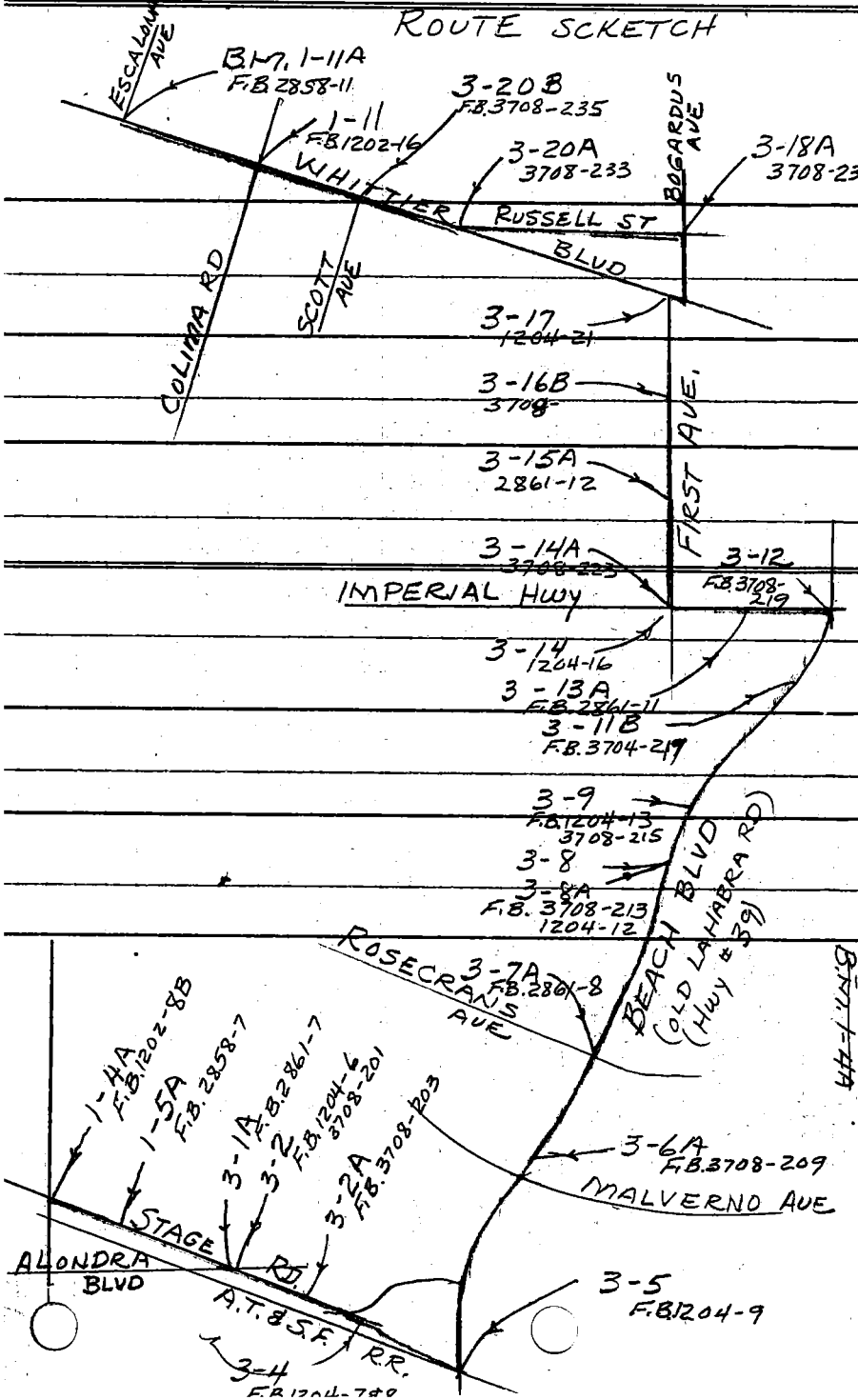
F.B. 2861 PG. 70 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET WEATHER INST. NO. 96716

SURVEY BY DREIER NOTES DREIER TIME ROD NO. 9&19

INDEXED C. J. GALLI DATE NOTES CHKD DATE

ROUTE SCKETCH



STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	
									FROM B.M. 1-5A TO B.M. 1-44A

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

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CANCELLED 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

F.B. 2861 Pg. 71

SURVEY BY D.R. Eck WEATHER Sunny INST. NO. 9677

NOTES BY G. W. Wilson DATE 10-26-65 TIME 8:45 - 9:00 ROD NO. 9818

INDEXED K. C. J. CHKD. DATE NOTES CHKD. DATE 9 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 1-4A TO B.M. 1-5A
B.M. 1-4A					64		134	004	435	5	88		B.M. 1-4A (U.S.C.&G.S. K-778)
1	109	893	410	5	155	91	~~116~~	~~558~~	~~417~~	~~5~~	180	92	VALLEY VIEW & STAGE RD.
					165						83		SEE F.B. 1202-8B
2	214	629	515	5	263	98	132	310	433	5	181	98	
					132	189					101	190	
3	169	832	470	5	207	75	137	493	438	5	173	72	✓
						264						262	✓
												264	R.S.I RESET
B.M. 1-5A													B.M. 1-5A (U.S.C.&G.S. ~~1A 778~~)
+	494	354	✓				403	807	✓			526	STAGE RD. & BOLA AVE.
-	403	807	✓										SEE F.B. 2858-7
+	090	547	✓										

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2861 PG. 72 | JOB NO. 0301.02
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY G.E.D. NOTES DREIER 11-1-65
INDEXED G. J. GALLI DATE

WEATHER HAZY SUN | INST. NO. 9671G
TIME 9:35 TO 9:58 | ROD NO. 9819
NOTES CHKD | DATE NOV 9 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.1-5A TO B.M.1-4A
B.M.1-5A													B.M.1-5A (U.S.C.&G.S. P-51 RESET)
1	935	961	436	5	169 101	68	162	475	463	5	198 127	70	STAGE RD. S.W. OF BIOLA AVE.
													SEE F.B. 2858-7
2	127	200	428	5	157 98	59 127	169	880	470	5	197 140	57 127	
3	103	850	404	5	140 66	74 201	144	380	445	5	181 107	74 201	
4	159	410	460	5	190 128	62 263	140 ✓	348	441	5	172 108	64 265 ✓	
B.M 1-4A												263	B.M.1-4A (U.S.C.&G.S. K-778)
	526	421	✓				617	083	✓			528	STAGE ROAD & VALLEY VIEW
							+ 526	421	✓				SEE F.B. 1202-8B
							90	662	✓				

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CANCELLED 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 — F.B. 2861 Pg. 73

SURVEY BY DLEIER — WEATHER SUN - HAZE — INST. NO. 2046

NOTES BY W.L.S. — DATE 10-26-65 — TIME 9:00 - 9:55 — ROD NO. 9442

INDEXED — DATE — NOTES CHKD [illegible] — DATE NOV 9 '65

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 1-5A TO B.M. 3-1A
B.M. 1-5A					115						169		B.M. 1-5A (U.S.C.&G.S. P-51 RESET)
1	156	804	457	5	197	82	209	114	510	5	249	80	STAGE RD. & BIOLA
					13						258		
2	35	460	336	5	57	44	277	792	578	5	300	46	
						126						126	
3	28	158	329	5	9 / 47	38	263	222	564	5	244 / 282	38	
						164						164	
4	134	755	435	5	106 / 162	56	122	239	423	5	94 / 150	56	
						220						220	
5	250	511	551	5	233 / 267	34	12	048	315	5	12 / 30	36	
					½ 23	254					½ 272	256	
~~6~~	~~23~~	~~193~~	~~324~~	~~5~~	~~45~~		~~293~~	~~226~~	~~594~~	~~5~~	~~293~~		
6	293	226	594	5	½ 272 / 293	42	23	193	324	5	½ 23 / 45	44	
						296						300	
7	241	852	542	5	195 / 287	92	85	538	386	5	39 / 132	93	
						388						393	
8	206	103	507	5	156 / 256	100	142	738	443	5	95 / 190	95	
						488						488	
9	148	100	449	5	98 / 198	100	148	757	449	5	100 / 196	96	
						588					6	584	
10	243	130	544	5	185 / 301	116	64	475	365	5	122	116	
						704						700	
11	177	203	478	5	170 / 183	13	196	562	497	5	189 / 203	14	
						717 ✓						714 ✓	
B.M. 3-1A												717	B.M. 3-1A
	+ 1915	302 ✓											
	− 1545	678 ✓					1545	678 ✓				1431	STAGE RD. & ALONDRA BLVD.
	+ 369	624 ✓											SEE F.B. 2861-7 & 3708-201

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

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

Do not extend notes this side of this line.

F.B. 2861 Pg. 74 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 11-1-65
INDEXED C. J. GALLI DATE
WEATHER HAZY SUN INST. NO. 9676
TIME 8:45 TO 9:35 ROD NO. 9819
NOTES CHKD. WILKS DATE NOV 9 '65

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM B.M. 3-1A TO B.M. 1-5A
B.M. 3-1A											B.M. 3-1A
1	134	035	435	5	176 92 84	16 244	632	545	5	286 201 85	STAGE ROAD & ALONDRA BLVD.
2	114	246	415	5	147 81 66 150	154	830 780	455	5	189 120 69 154	SEE F.B. 2861-7
3	165	020	466	5	197 133 30 64 214	156	096	457	5	187 124 63 217	↑ WILKS
4	142	959	443	5	172 112 60 274	160	057	461	5	189 132 57 274	
5	120	092	421	5	149 91 58 332	177	585	478	5	207 148 59 333	
6	92	353	393	5	125 58 67 399	212	168	513	5	246 178 68 401	
7	88	650	389	5	112 63 49 448	296	504	597	5	1296 2274 44 445	
8	52	066	353	5	64 41 23 471	257	405	558	5	270 244 27 472	
9	28	070	329	5	½ 51 28 46 517	200	454	501	5	223 175 48 520	
10	162	777	463	5	189 135 54 571	29	392	330	5	55 3 52 572	
11	228	468	529	5	242 214 28 599	61	884	362	5	75 47 28 600	
12	257	090	558	5	278 236 42 641	30	170	331	5	51 9 42 642	
13	166	900	467	5	203 128 75 716	141	712	442	5	179 102 77 719 716 1435	✓ ✓
B.M. 1-5A	1752	726	✓			− 2122 889 ✓ + 1752 726 ✓ 370 163					BM 1-5A (U.S.C. & G.S. P.51 RESET) STAGE RD. & BIOLA SEE F.B. 2858-7

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 1-5A TO B.M. 3-1A
B.M. 1-5A													B.M. 1-5A (U.S.C.&G.S. P-51 RESET)
1	170	260	471	5	194 146	48	187	256	488	5	211 163	48	STAGE RD. & BIOLA AVE
													SEE F.B. 2858-7
2	99	117	400	5	133 66	67 115	182	522	483	5	217 147	70 118	
3	113	590	414	5	144 82	62 177	153	988	454	5	184 122	62 180	⊼ WILKS
4	150	175	451	5	184 117	67 244	144	452	445	5	178 110	68 248	
5	243	968	544	5	272 214	58 302	143	063	444	5	173 113	60 308	
6	198	034	499	5	230 166	64 366	51	020	352	5	83 19	64 372	
7	183	112	484	5	215 151	64 430	116	455	417	5	146 87	59 431	
8	157	200	458	5	184 130	54 484	128	200	429	5	155 102	53 484	
9	112	430	413	5	142 83	59 543	118	695	419	5	148 88	60 544	
10	158	703	459	5	185 131	54 597	155	356	456	5	183 127	56 600	
11	174	652	475	5	205 143	62 659	61	340	362	5	91 31	60 660	
12	212	~~632~~ 762	513	5	242 183	59 ~~720~~ 718	161	632	462	5	192 130	62 722	
B.M. 3-1A												718 ~~720~~	B.M. 3-1A ~~U.S.C.&G.S.~~
	1974	003					1603	979				~~1442~~ 1440	STAGE RD. & ALONDRA BLVD
	1603	979											SEE F.B. 2861-7
	370	024											

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

SURVEY BY G.E. DREIER DATE 11-1-65 WEATHER HAZY SUN INST. NO. 96716

NOTES BY G.E. DREIER DATE 11-1-65 TIME 10:05 TO 11:00 ROD NO. 9 & 19

INDEXED C. J. GALLI DATE NOTES CHKD [signature] DATE NOV 9 '65

F.B. 2861 PG. 75

F.B. 2861 PG. 76 JOB NO. 030102

SURVEY OF
SURVEY BY E. J. GALLI 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

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHANGED 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 DREER WEATHER Hazy INST. NO 2674

NOTES BY Wilks TIME 9:55 - 10:00 ROD NO 2819

INDEXED E. J. Gallu DATE 10-26-65 NOTES CHKD DREER DATE NOV 9 '65

F.B. 2861 PG. 77

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM B.M. 3-1A TO B.M. 3-2
B.M. 3-1A					189 ✓					187 ✓	B.M. 3-1A
1	196	071	497	5	203 14	197	035	498	5	206 19 ✓	STAGE RD. & ALONDRA BLVD.
										14 ✓	SEE F.B. 2861-7 & 3708-201
										33	
	196	071 ✓			-	197	035 ✓				
B.M. 3-2					+	196	071 ✓				B.M. 3-2
						000	964 ✓				STAGE RD. & ALONDRA BLVD.
											SEE F.B. 1204-6 & 3708-201

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Hazy Sun INST. NO. 96716
TIME 2:10 TO 2:14 ROD NO. 9819
NOTES CHKD DATE NOV 9 '65

F.B. 2861 PG. 78
SURVEY OF L.A. Co. PRECISE LEVEL NET JOB NO. 0301.02
SURVEY BY DREIER NOTES DREIER 10-29-65
INDEXED GALL DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 3-2 TO B.M. 3-1A
B.M. 3-2													B.M. 3-2
1	200	998	501	5	210 190	20	199	998	500	5	208 190	18	STAGE RD. & ALONDRA BLVD.
													SEE F.B. 1204-6 & 3708-201
B.M. 3-1A												20	B.M. 3-1A
	200	998	✓				199	998	✓			38	STAGE RD. & ALONDRA BLVD.
	199	998	✓										SEE F.B. 2861-7 & 3708-201
	1	000	✓										

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS (I.B.M.) FROM B.M. 3-2 TO B.M. 3-2A
B.M. 3-2													B.M. 3-2
1	181	147	482	5	165 / 297	32	166	097	467	5	151 / 181	30	STAGE RD. & ALONDRA BLVD.
													SEE F.B. 3708-201 & 1204-6
2	153	775	454	5	117 / 189	72	213	574	514	5	177 / 249	72	
						104						102	
3	43	501	344	5	21 / 65	44	78	148	379	5	57 / 99	42	
						148						144	
B.M. 3-2A												148	B.M. 3-2A
	378	423					457	819				292	STAGE RD. & DALMATION
						+	378	423					SEE F.B. 3708-203
						−	079	396					

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

SURVEY BY DREIER WEATHER Hazy - Smoke INST. NO. 96716

NOTES BY Wilks DATE 10-26-65 TIME 10:05 - 10:15 ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD [signature] DATE NOV 9 '65

F.B. 2861 PG. 79

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 9 & 19 DATE NOV 9 '65

WEATHER Smog Hazy Sun TIME 2:00 TO 2:18 NOTES CHKD [illegible]

F.B. 2861 PG. 80

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 10-25-65

INDEXED C. J. GALL DATE JOB NO. 0301.02

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 3-2A TO B.M. 3-2
B.M. 3-2A													B.M. 3-2A (T.B.m.)
1	143	572	444	5	178 108	70	38	421	339	5	73 3	70	STAGE RD. & DALMATION AVE
													SEE F.B. 3708-203
2	164 496	534	465		199 130	69 139	190	181	491	5	224 156	68 138 139	
B.M. 3-2	308	106	✓				228	602	✓			277	B.M. 3-2
	228	602	✓										STAGE RD. & ALONDRA BLVD.
	79	504	✓										SEE F.B 3708-201 & 1204-6

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

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

SURVEY BY DREIER WEATHER MUCH SMOG INST. NO. 9674

NOTES BY WILKS DATE 10-26-65 TIME 10:15 - 10:35 ROD NO. 9819

INDEXED C. J. GALL DATE NOTES CHKD DATE NOV 9 '65

F.B. 2861 Pg. 81

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 3-2A TO B.M. 3-4
B.M. 3-2A					27						92		B.M. 3-2A
1	69	423	370	5	110	83	131	603	432	5	172	80	STAGE RD. W. OF DALMATION
					117						120		SEE F.B. 3708-203
2	458	585	459	5	199	82	161	958	462	5	202	82	
					55	165					116	162	
3	100	075	401	5	145	90	161	053	462	5	206	90	
					103	255					½ 238	252	
4	158	099	459	5	213	110	294	173	595	5	294	112	✓
						365						364	✓
			✓									364	✓
	486	180				-	748	787	✓			728	
B.M. 3-3						+	486	180	✓				B.M. 3-4 ARTESIA L-3
						-	262	607	✓				STAGE ROAD & ORANGE CO. LINE
													SEE F.B. 1204-8

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

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

Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 9819 DATE NOV 9 '65
WEATHER Hazy Sun TIME 1:30 TO 2:00 NOTES CHKD. [illegible]
JOB NO. 0301.02 DATE 10-29-65
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER
INDEXED C. J. GALLI
F.B. 2861 Pg. 82

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 3-4 TO B.M. 3-2A
B.M. 3-4													B.M. 3-4 (ARTESIA L-3)
					238						135		STAGE ROAD & L.A.-ORANGE CO. BDY
1	222	041	523	5	206	32	119	458	420	5	103	32	SEE F.B. 1204-8
					190						165		
2	163	592	464	5	136	54	138	490	439	5	111	54	
						86						86	T MATHER
					197						156		
3	167	545	468	5	137	60	127	690	428	5	98	58	
						146						144	
					171						155		
4	146	360	447	5	121	50	130	679	431	5	105	50	
						196						194	
					200						144		
5	174	720	475	5	148	52	118	565	419	5	92	52	
						248						246	
					168						220		
6	142	432	443	6	116	52	192	512	493	5	164	56	
						300						302	
					177						103		
7	143	853	444	5	110	67 ✓	70	388	371	5	36	67 ✓	
						367						369 ✓	
B.M. 3-2A									✓			367	B.M. 3-2A
	1160	543 ✓					897	782 ✓				736	STAGE ROAD, W. OF DALMATION AVE
	897	782 ✓											SEE F.B. 3708-203
	262	761 ✓											

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

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

SURVEY BY DREIER WEATHER SMOG INST. NO. 96716

NOTES BY WILKS DATE 10-26-65 TIME 10:40 - 11:00 ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE NOV 9 '65

F.B. 2861 PG. 83

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 3-4 TO B.M. 3-5
B.M. 3-~~3~~4													B.M. 3-~~4~~ (ARTESIA L-3)
1	104	673	405	5	72 / 136	64	253	610	554	5	220 / 286	66	STAGE ROAD & L.A-ORANGE CO. LINE
													SEE F.B. 1204-8
2	1 ~~2~~36	640	43~~6~~7	5	98 / 174	76	210	640	511	5	167 / 253	86	
				~~5~~		140						152	
3	167	008	468	5	139 / 195	56	168	121	469	5	143 / 193	50	
						196						202	
4	106	469	407	5	77 / 135	58	140	237	441	5	112 / 166	54	
						254 ✓						256 ✓	
												254 ✓	
	514	790 ✓				−	772	608 ✓				510 ✓	
B.M. 3-5						+	514	790 ✓					B.M. 3-5 U.S.C & G.S. S-778
						−	257	818 ✓					AT & SF. R.R. TRACKS & Hwy 39
													SEE F.B. 1204-9

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 3-5 TO B.M. 3-4
B.M. 3-5													B.M. 3-5 (U.S.C.&G.S S-778)
1	176	689	477	5	209 143	66	162	884	463	5	194 130	64	BEACH BLVD. & A.T.&S.F.R.R., S.W. COR
													SEE F.B. 1204-9
2	144	648	445	5	168 120	48 114	121	724	422	5	145 97	48 112	
3	160	173	461	5	186 134	52 166	93	615	394	5	121 65	56 168	
4	185	811	486	5	212 158	54 220	127	508	428	5	153 101	52 220	
5	172	298	473	5	190 154	36 256	76	021	377	5	96 56	40 260	
B.M. 3-4												256	B.M. 3-4 (ARTESIA L-3)
	839	619					581	752				516	STAGE RD. & LA.-ORANGE CO BDRY
	581	752											SEE F.B. 1204-8
	257	867											

F.B. 2861 PG. 84

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 10-29-65

INDEXED C. J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 1:00 TO 1:25 ROD NO. 9819

NOTES CHKD. [illegible] DATE NOV 9 '65

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER WEATHER SMOG INST. NO. 2674
NOTES BY MATHER DATE 10-26-65 TIME 11:05 TO 11:45 ROD NO. 2412
INDEXED C. J. GALLI DATE NOV 5 '65 NOTES CHKD. [illegible] DATE NOV 9 '65
F.B. 2861 PG. 85

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 3-5 TO B.M. 3-6A
B.M. 3-5				✓						✓			T.B.M. 3-5 (USC & GS S-178 ~~S-177~~)
1	115	420	416	5	148 81	67	166	880	467	5	200 131	69	BEACH BLVD. & A.T. & S.F.R.R.
													SEE F.B. 1204-9
2	149	450	450	5	184 115	69 136	104	330	405	5	139 69	70 139	
3	199	355	500	5	232 166	66 202	71	260	372	5	104 38	66 205	T WILKS
4	148	730	449	5	179 117	62 264	93	390	394	5	124 62	62 267	
5	159	732	460	5	195 123	72 336	70	712	371	5	105 35	70 339	
6	274	560	575	5	½ 276 292	84 420	44	180	345	5	½ 90 44	92 429	
7	206	300	507	5	209 203	6 426	61 ✓	827	362	5	63 58	5 434	✓
												426	✓
BM 3-6A	1253	547	✓				612	579	✓			860	B.M. 3-6A AVE
	612	579	✓										BEACH BLVD. 0.15 MI. N. OF MALVERN
	+ 640	968	✓										SEE F.B. 3708-209

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

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

Do not extend notes this side of this line.

F.B. 2861 PG. 86 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 10-29-65
INDEXED DATE
WEATHER HAZY SUN INST. NO 96716
TIME 11:10 TO 11:50 ROD NO 9 & 19
NOTES CHKD DATE NOV 9 '65

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 3-6A TO B.M. 3-5
B.M. 3-6A													B.M. 3-6A
1	5	122	306	5	½ 31 5	52	238	467	539	5	265 211	55	BEACH BLVD. 0.15 MI. N. OF AVE MALVERNO
													SEE F.B. 3708-209
2	.16	730	317	5	½ 49 16	66 118	212	282	513	5	246 178	68 123	
													↑ WILKS
3	115	155	416	5	146 85	61 179	228	686	529	5	259 198	61 184	
4	86	126	387	5	117 55	62 241	173	312	474	5	201 144	57 241	
5	137	680	438	5	168 106	62 303	136	050	437	5	167 105	62 303	
6	161	473	462	5	184 138	46 349	204	408	505	5	227 181	46 349	
7	112	125	413	5	134 90	44 393	114	932	415	5	136 92	44 393	
8	184	870	485	5	201 167	34 427	152	215	453	5	171 133	38 431	
B.M. 3-6A 5												427	B.M. 3-5 (U.S.C.&G.S. 5-778)
	819	281	✓				1460	352	✓			838	BEACH BLVD. & A.T.&S.F.R.R.
							819	281	✓				SEE F.B. 1204-9
							641	671	✓				

76P526 CE # 308 3-61

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 CHECKED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY MATHER DATE 10-26-65
INDEXED C. J. GALLI DATE
WEATHER SMOG !! INST. NO. 96716
TIME 1:03 TO 1:45 ROD NO. 9 & 19
NOTES CHKD. [illegible] DATE NOV 9 '65
F.B. 2861 PG. 87

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 3-6A TO BM 3-7A
BM. 3-6A									B.M. 3-6A
1	84	860	385 5	114 54 60	129	550	430 5	160 98 62	BEACH BLVD. 0.15 MI. N. OF MALVERNO AVE
									SEE F.B. 3708-209
2	196	095	497 5	224 168 56 116	124	182	425 5	153 95 58 120	
3	206	130	507 5	237 175 62 178	95	555	396 5	126 64 62 182	π WILKS
4	201	517	502 5	232 170 62 240	99	900	400 5	129 69 60 242	
5	199	210	500 5	230 168 62 302	93	110	394 5	124 62 62 304	
6	216	730	517 5	247 186 61 363	87	675	388 5	117 56 61 365	
7	213	400	514 5	244 182 62 425	92	315	393 5	120 64 56 481	
8	208	067	509 5	235 181 54 479	35	580	336 5	64 5 59 480	
9	248	461	549 5	277 220 57 536	47	100	348 5	75 19 56 536	
10	210	247	511 5	240 180 60 596	94	030	395 5	122 66 56 592	
11	224	700	525 5	247 201 46 642	155	530	456 5	178 133 45 637	
BM 3-7A								642	B.M. 3-7A
	2209	417			1054	527		1279	BEACH BLVD. & ROSECRANS AVE
	1054	527							SEE F.B. 2861-8
	1154	890							

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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. 2861 PG. 88
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES MATHER 10-27-65
INDEXED C. J. GALLI DATE
JOB NO. 0301.02

WEATHER HAZE & SMOG INST. NO. 96716
TIME 10:25 TO 11:05 ROD NO. 9 & 19
NOTES CHKD DATE NOV 9 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 7A TO B.M. 3-6A
B.M. 3-7A													B.M. 3-7A
1.	75	850	376	5	115 35	80	229	781	530	5	269 189	80	BEACH BLVD. & ROSECRANS AVE.
2.	65	673	366	5	96 34	62 142	264	050	565	5	295 233	62 142	SEE F.B. 2861-8
3.	39	577	340	5	69 10	59 201	236	107	537	5	266 207	59 201	T WILKS
4.	89	543	390	5	116 62	54 255	202	477	503	5	230 175	55 256	
5	83	902	384	5	112 54	58 313	215	965	516	5	244 186	58 314	
6	79	597	380	5	110 48	62 375	196	070	497	5	228 165	63 377	
7	97	248	398	5	127 67	60 435	203	027	504	5	233 173	60 437	
8	98	650	399	5	129 67	62 497	192	775	493	5	224 160	64 501	
9	93	175	394	5	122 64	58 555	173	233	474	5	200 146	54 555	
10	138	012	439	5	179 97	82 637 ✓	102	555	403	5	142 63	79 634 ✓	
												637 ✓	
B.M. 3-6A												1271	B.M. 3-6A
	861	227 ✓					2016	040 ✓					BEACH BLVD. 0.15 MI. N. OF MALVERN
							861	227 ✓					SEE F.B. 3708-209
							1154	813 ✓					

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER SMOG!! INST. NO. 84
NOTES BY MATHER DATE 10-26-65 TIME 1:45 TO 2:30 ROD NO. 9418
INDEXED C. J. CALL DATE NOTES CHKD DATE NOV 9 '65
F.B. 2861 Pg. 89

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 3-7A TO BM-2-8 B
BM 3-7A													BM. 3-7A
1.	183	530	484	5	208 158	50	128	031	429	5	154 102	52	HIGHWAY #39 & ROSECRANS BLVD
													N.W. COR
2.	202	795	503	5	295 169	66 116	64	055	365	5	95 32	63 115	SEE F.B. 2861-8
3.	196	072	497	5	226 166	60 176	55	046	356	5	86 23	63 198	T WILKS
4.	277	490	578	5	½ 297 243	68 244	39	963	330	5	½ 69 69	70 248	
5.	291	717	592	5	½ 291 272	38 282	14	414	315	5	½ 73 14	38 286	
6.	272	620	573	5	289 254	35 317	30	780	331	5	46 13	33 319	
7.	295	350	596	5	½ 295 266 19	58 375	42	975	343	5	70 14	56 375	
8.	198	702	499	5	222 174	48 423	64	963	365	5	86 42	44 419 423	
BM. 3-8 B													B. M. 3-8 B
	1918	276	✓				430	227	✓			842	BEACH BLVD. & 0.5 MI. N. OF ROSECRANS
	430	227	✓										SEE F.B. 3708-213
	1488	049	✓										

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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. 2861 PG. 90 JOB NO. 0301.02
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES MATHER 12-28-65
INDEXED G. J. GALL DATE
WEATHER HAZE-MT. SMOG INST. NO. 96716
TIME 2:15-TO 3:50 ROD NO. 9 & 19
NOTES CHKD DATE NOV 9 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 3-8A TO B.M. 3-7A
B.M. 3-8A													B.M. 3-8A (2C-43-57)
1	53	037	354	5	80 26	54	227	968	528	5	253 202	51	BEACH BLVD. 0.5 MI. N. OF ROSECRANS
2.	~~13~~	806	~~314~~	5	½ 42 13	62 116	289	880	590	5	½ 289 262	54 105	SEE F.B. 3708-213
3.	7	960	308	5	½ 27 8	38 154	298	046	599	5	½ 298 279	40 145	T WILKS
4.	~~18~~	105	320	5	½ 41 19	44 198	271	611	572	5	296 246	50 195	
5.	20	254	321	5	½ 54 20	68 266	266	328	567	5	303 230	73 268	
6.	75	337	376	5	108 42	66 332	220	610	521	5	½ 220 2187	66 334	
7.	98	232	399	5	133 63	70 402	201	522	502	5	236 164	70 404 ✓	
B.M. 3-7A												402 ✓	B.M. 3-7A
	287	731 ✓					1775	965 ✓				806	BEACH BLVD & ROSECRANS N.W.C.
							287	731 ✓					SEE F.B. 2861-8
							1488	234 ✓					

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 3-8 B ~~A~~ TO BM 3-8 A ~~RESET~~
BM-3-8 B ~~A~~				112				195	B.M. 3-8 B ~~A~~ (2C-43-57)
1	102	250	403 5	92 20	185	140	486 5	174 21	BEACH BLVD., 0.5 MI. N. OF ROSECRANS
									SEE F.B. 3708-213
B.M. 3-8A								20	B.M. 3-8 A ~~RESET~~ (LA HABRA C-12A RM 4)
	102	250		−	185	140		41	BEACH BLVD., 0.5 MI. N. OF ROSECRANS
				+	102	250			SEE F.B. 3708-213
				−	82	890			

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

SURVEY BY DREIER WEATHER Very Smoggy INST. NO. 96716

NOTES BY WILKS DATE 10-26-65 TIME 2:40-2:50 ROD NO. 98/19

INDEXED C. J. GALL DATE NOTES CHKD [signature] DATE NOV 9 '65

F.B. 2861 PG. 91

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 3-8 ~~RESET~~ A TO B.M. 3-8A B
B.M. 3-8 ~~RESET~~ A													B.M. 3-8 ~~RESET~~ A (LAHABRA C-12A) RM
					236						153		BEACH BLVD., 0.5 MI. N. OF ROSECRANS
1	244	711	545	5	252	16	161	909	462	5	170	17	SEE F.B. 3708-213 ~~2~~
B.M. 3-8A B												16	B.M. 3-8A B (2C-43-57)
	244	711					161	909				33	BEACH BLVD., 0.5 MI. N. OF ROSECRANS
	161	909											SEE F.B. 3708-213
	82	802											

F.B. 2861 PG. 92

JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES WILKS 10-28-65

INDEXED C. J. GALL DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 3:10 TO 3:15 ROD NO. 9810

NOTES CHKD [signature] DATE NOV 9 '65

SMOG

76P526 CE # 308 3-61

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 CHECKED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 3-8 ~~RESET~~ A TO B.M. 3-9
B.M. 3-8 ~~RESET~~					192						153		B.M. 3-8 ~~A Reset~~ (LA HABRA C-12A FIRM #4)
1	223	054	524	5	254	62	186	391	487	5	220	67	BEACH BLVD. 0.5 MI. N. OF ROSECRANS
													SEE F.B. 3708-213
2	73	830	374	5	46 / 100	54	234	370	535	5	207 / 261	54	
						116						121	
3	126	858	427	5	113 / 139	26	243	800	544	5	234 / 252	18	
						142						139	
B.M. 3-9												142	B.M. 3-9 (U.S.C. & G.S. M-779)
	423	742				−	664	561				281	BEACH BLVD., 0.65 MI. N. OF ROSECRANS
						+	423	742					SEE F.B. 1204-13 & 3708-215
						−	240	819					

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

SURVEY BY DREIER
NOTES BY WILKS DATE 10-26-65
INDEXED G. J. GALLE DATE
WEATHER SMOGGY
TIME 2:50 - 3:05
NOTES CHKD [signature]
INST. NO. 96716
ROD NO. 9819
DATE NOV 9 '65

F.B. 2861 PG. 93

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2861 PG. 94 JOB NO. 030102
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY DEEER NOTES WILKES 10-28-65 DATE
INDEXED C. J. CALL DATE
WEATHER HAZY - SMOG INST. NO. 9616
TIME 3:00 - 3:10 ROD NO. 9E9
NOTES CHKD. DATE NOV 9 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 3-9 TO B.M. 3-8 ~~RESET~~ A
B.M. 3-9					241						41		B.M. 3-9 (U.S.C.&G.S. M-779,
1	262	888	563	5	283	42	68	572	369	5	89	42	BEACH BLVD. 0.65MI. N. OF ROSECRA
					227						86		SEE F.B. 3708-215
2	253	931	554	5	279	52	112	030	413	5	138	52	
					148	94					240	94	
3	169	906	470	5	191	43	265	384	566	5	280	50	
						137						144 ✓	
B.M. 3-8 ~~RESET~~ A												137 ✓	B.M. 3-8 ~~RESET~~ A (LA HABRA RM C-12
	686	725 ✓					445	986 ✓				281 ✓	BEACH BLVD. 0.5 MI. N. OF ROSECRA
	445	986 ✓											SEE F.B. 3708-213
	240	739 ✓											

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER
NOTES BY WILKS DATE 10-26-65
INDEXED C. J. GALLI DATE
WEATHER HAZY SUN INST. NO. 96716
TIME 3:05-3:35 ROD NO. 9819
NOTES CHKD. [signature] DATE NOV 9 '65

F.B. 2861 PG. 95

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 3-9 TO B.M. 3-11B
B.M. 3-9													B.M. 3-9 (U.S.C.& G.S.M-779)
1	245	802	546	5	225 / 265	40	144	075	445	5	124 / 164	40	BEACH BLVD., 0.65 MI. N. OF ROSECRANS
													SEE F.B. 3708-215 & 1204-13
2	159	442	460	5	128 / 190	62	136	743	437	5	106 / 166	60	
						102						100	
3	177	120	478	5	146 / 208	62	12	745	313	5	1/2 12 / 42	60	
						164						160	
4	269	062	570	5	240 / 299	59	94	639	395	5	61 / 127	66	
						223						226	
5	123	950	424	5	95 / 151	56	232	892	533	5	204 / 260	56	
						279						282	
6	117	413	418	5	87 / 147	60	164	351	465	5	134 / 194	60	
						339						342	
7	154	608	455	5	123 / 185	62	136	001	437	5	106 / 166	60	
						401						402	
8	177	673	478	5	145 / 209	64	263	643	564	5	232 / 294	62	
						465						464	
B.M. 3-11B												465	B.M. 3-11B
+	1425	070					1185	089				929	BEACH BLVD. 0.5 MI. SO. OF IMPERIAL HWY
−	1185	089											AT STA. A129+55
+	239	981											SEE F.B. 3708-217

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INST. NO. 96716 ROD NO. 9819 DATE NOV 9 '65

WEATHER Haze - Smog TIME 2:30 - 3:00 NOTES CHKD MEM

F.B. 2861 PG. 96 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES WILKS 10-28-65

INDEXED C. J. GALLI DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 3-118 TO B.M. 3-9
B.M. 3-118					157						56		B.M. 3-118.
1	189	733	490	5	222	65	85	822	386	5	115	69	BEACH BLVD. 0.5 MI. SO. OF IMPER.
					185						102		SEE F.B. 3708-217
2	225	850	526	5	265	80	141	032	442	5	180	78	
					115	145					121	147	
3	151	650	452	5	187	72	157	036	458	5	193	72	
					122	217					½ 226	219	
4	163	868	464	5	209	82	265	850	566	5	265	78	
	2	217	303		½ 2	299					179	297	
5	~~217~~	~~303~~	~~518~~	5	36	68	214	355	515	5	249	70	
					87	367					194	367	
6	137	043	438	5	187	100	246 ✓	205	547	5	298	104	✓
						467						471	✓
B.M. 3-9												467	B.M. 3-9 (U.S.C.&G.S. M-779)
	~~869~~	~~961~~				Σ	1110	300	✓			938	BEACH BLVD. 0.65 MI. N. OF
	870	561 ✓				+	869	961	✓				ROSECRANS
						+	~~2480~~ 1979	~~339~~					SEE F.B. 3708-215
						−	239	739	✓				

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DEIER WEATHER HAZY INST. NO. 9616
NOTES BY WILKS DATE 10-27-65 TIME 8:25 – 8:50 ROD NO. 9819
INDEXED E. J. GALLI DATE NOV 9 '65 NOTES CHKD. DATE
F.B. 2861 PG. 97

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 3-11B TO B.M. 3-12
B.M. 3-11B					235						120		B.M. 3-11B
1	264	344	565	5	293	58	148	420	449	5	177	57	HWY BEACH BLVD. 0.5 MI. S. OF IMPERIAL
					162						16		AT STA. A 129+55
2	225	673	526	5	289	127	80	498	381	5	144	128	SEE F.B. 3709-217
					140	185						185	
3	202	530	503	5	264	124	117	472	418	5	55 179	124	
					177	309	108		409		47	309	
4	239	930	540	5	301	124	180	785	481	5	169	122	
					188	433						431	
5	203	540	504	5	218	30	222 ✓	907	523	5	210 234	24	
						463						455 ✓	
B.M. 3-12			✓						✓			463 ✓	B.M. 3-12 (LA HABRA D-11)
+	1136	017					678	082				918 ✓	HWY 39 & IMPERIAL HWY
−	678	082	✓										SEE F.B. 3708-219
+	457	935	✓										

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F.B. 2861 PG. 98 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY G.E.D. NOTES D. L.W. 10-28-65

INDEXED C. J. GALLI DATE

WEATHER Hot & Smoggy INST. NO. 9676

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

NOTES CHKD DATE NOV 9 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 3-12 TO B.M. 3-11B.
B.M. 3-12													B.M. 3-12 (LA HABRA D-11)
1	118	455	419	5	154 / 82	72	184	175	485	5	223 / 145	78	IMPERIAL Hwy & BEACH BLVD
													SEE F.B. 3708-219
2	119	302	420	5	75 / 163	88	160	819	461	5	119 / 202	83	
						160					142	161	↑ MATHER
3	106	412	407	5	50 / 162	112	198	608	499	5	259	112	
						272					167	273	
4	93	341	394	5	43 / 143	100	216	475	517	5	265	98	
						372					184	391	
5	91	434	392	5	47 / 135	88	226	695	527	5	268	84	
						460 ✓						455 ✓	
B.M. 3-11B												460 ✓	B.M. 3-11B
	520	944 ✓										915 ✓	BEACH BLVD. 05. MI. S. IMPERIAL Hwy
							− 986	772 ✓					SEE F.B. 3708, 217
							+ 528	944 ✓					
							− 457	828 ✓					

76P526 CE # 308 3-61

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

SURVEY BY DREIER WEATHER HAZY INST. NO. 96746

NOTES BY WILKS DATE 10-27-65 TIME 8:50 - 9:45 ROD NO. [illegible]

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE NOV 9 '65

F.B. 2861 PG. 99

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 3-12 TO B.M. 3-13A
B.M. 3-12													B.M. 3-12 (LA HABRA D-11)
1	245	996	546	5	233 / 257	24	164	433	465	5	151 / 177	26	Hwy 39 & IMPERIAL Hwy
													SEE F.B. 3708-219
2	194	995	495	5	164 / 224	60	64	352	365	5	36 / 92	56	
						84						82	
3	269	883	570	5	241 / 297	56	9	982	310	5	½ 9 / 37	56	
						140						138	
4	297	482	598	5	½ 278 / 296	36	15	177	316	5	½ 15 / 31	32	
						176						170	
5	291	863	592	5	½ 278 / 291	26	7	033	308	5	½ 7 / 20	26	
						202						196	
5	293	540	594	5	½ 281 / 293	24	5	505	306	5	½ 5 / 18	26	
						226						222	
6	294	693	595	5	½ 282 / 294	24	6	953	307	5	½ 6 / 20	28	
						250						250	
7	296	679	597	5	½ 283 / 296	26	6	850	307	5	½ 6 / 20	28	
						276						278	
8	294	767	595	5	½ 279 / 294	30	27	433	328	5	12 / 42	30	
						306						308	
9	297	219	598	5	½ 274 / 297	46	54	214	355	5	29 / 79	50	
						352						358	
10	168	162	469	5	132 / 204	72	273	869	574	5	½ 241 / 273	64	
						424						422	
B.M. 3-13A												424	B.M. 3-13A
+	2945	279					635	801				846	IMPERIAL Hwy & ORANGE Co. LINE
−	635	801											SEE F.B. ~~126~~ 2861-11
+	2309	478											

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F.B. 2861 PG. 100 — JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES D.L.W. 10-28-65

INDEXED C. J. GALLI DATE

WEATHER Smoggy/Haze INST. NO. 96716

TIME 1120 - 2:00 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE NOV 9 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 3-13A TO B.M. 3-12
B.M. 3-13A					239						109		B.M. 3-13A
1	267	649	568	5	295	56	136	762	437	5	163	54	IMPERIAL Hwy & ORANGE CO. LINE
					267						69		SEE F.B. ~~3708-221~~ 2861-11
~~2 2~~	~~293~~	~~900~~	~~594~~		~~293~~		~~99~~	~~128~~	~~400~~	~~5~~	~~129~~	~~60~~	
					69						½ 267	114	
2 ~~3~~ 3	99	128	400	5	129	60	293	900	594	5	293	52	
						116					½ 282	106	
3 ~~4~~ 4	30	304	331	5	43	26	299	969	600	5	299	34	
					8	142					½ 285	140	
4 ~~5~~ 5	21	442	322	5	34	26	299	351	600	5	299	28	
					½ 13	168					½ 277	168	
5 6	13	804	314	5	26	26	291	600	592	5	291	28	
					½ 8	194					½ 287	196	
6 7	8	848	309	5	20	24	300	746	601	5	300	26	
					½ 9	218					½ 281	222	
7 ~~8~~	9	476	310	5	23	28	293	349	594	5	293	24	
					4	246					½ 276	246	
8 ~~9~~	17	078	318	5	30	26	291	319	592	5	291	30	
					½ 3	272					233	276	
9 ~~10~~	7	~~326~~ 326	308	5	29	52	255	881	556	5	277	44	
					30	324					203	320	
10	53	038	354	5	76	46	228	399	529	5	253	50	
					½ 2	370					117	370	
11	2	230	303	5	29	54	148	230	449	5	178	61	
						424 ✓						431 ✓	
												424 ✓	
B.M. 3-12												855	B.M. 3-12
	530	323 ✓											IMPERIAL Hwy & BEACH BLVD.
							− 2839	506 ✓					SEE F.B. 3708 #219
							+ 530	323 ✓					
							− 309	183					

76P526 CE # 308 3-61

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[illegible]HIS SHEET MUST BE MADE OR
C[illegible]ED IN RED INK, WITH DATE AND
NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER WEATHER HAZE - SMG INST. NO. G674
NOTES BY MATHER DATE 10-27-65 TIME 9:45 To 10:25 ROD NO. 98/2
INDEXED C. J. GALL DATE NOTES CHKD DATE NOV 9 '65
F.B. 2861 PG. 101

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 3-13A TO B.M. 3-14
BM 3-13A													BM 3-13A
1.	99	246	400	5	114 / 84	30	274	521	575	5	289 / 259	30	IMPERIAL HWY & ORANGE CO. LINE
													SEE F.B. 2861-11
2.	3	283	304	5	½ 18 / 3	30 / 60	297	093	598	5	½ 297 / 281	32 / 62	
3.	36	925	337	5	28 / 24	24 / 84	274	392	575	5	288 / 260	28 / 90	
4.	66	900	367	5	84 / 49	35 / 119	159	255	460	5	179 / 139	40 / 130	T WILKS
5.	256	945	557	5	277 / 233	44 / 163	4	920	305	5	½ 22 / 4	36 / 166	
6.	272	020	573	5	286 / 257	29 / 192	6	712	307	5	½ 28 / 6	34 / 200	
7.	255	600	556	5	268 / 242	26 / 218	28	934	329	5	41 / 14	27 / 227	
8.	258	104	559	5	272 / 244	28 / 246	14	506	315	5	½ 31 / 14	34 / 261	
9.	267	590	568	5	285 / 249	36 / 282	64	683	365	5	78 / 49	29 / 290	
10.	255	868	556	5	288 / 222	66 / 348	146	720	447	5	178 / 115	63 / 353	
11.	124	120	425	5	164 / 84	80 / 428	356	145	557	5	294 / 219	75 / 428	✓
												428	✓
BM. 3-14												856	B.M. 3-14
+	1896	191	✓				1527	881	✓				IMPERIAL HWY & FIRST AVE. S.W. OF
−	1527	881	✓										SEE F.B. 1204-18 & 3708-223
+	368	310	✓										

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F.B. 2861 PG. 102 JOB NO. 030102

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

SURVEY BY DREYER NOTES MATHER 10-28-65

INDEXED C. J. GALLI DATE

WEATHER HAZE HOT INST. NO. 96716

TIME 11:30 TO 12:03 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE NOV 9 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 3-14 TO B.M. 3-13A
B.M. 3-14													B.M. 3-14
1.	256	717	557	5	293 / 219	74	127	460	428	5	166 / 90	76	IMPERIAL Hwy & FIRST AVE.
													SEE F.B. 1204-18
2.	144	864	445	5	177 / 112	65 / 139	262	134	563	5	295 / 229	66 / 142	
3.	82	648	383	5	98 / 66	32 / 171	265	092	566	5	282 / 249	33 / 175	T WILKS
4.	6	745	307	5	½ 25 / 6	38 / 209	288	445	589	5	½ 288 / 271	32 / 207	
5.	40	384	341	5	53 / 27	26 / 235	265	200	566	5	279 / 251	28 / 235	
6.	27	782	328	5	41 / 11	30 / 265	287	837	588	5	½ 287 / 271	32 / 267	
7.	15	650	316	5	½ 32 / 15	34 / 299	240	953	541	5	259 / 223	34 / 301	
8.	183	866	484	5	210 / 156	54 / 353	14	045	315	5	½ 39 / 14 5	50 / 351	
9.	301	760	602	5	½ 701 / 285	32 / 385	5	192	306	5	½ 21 / 5	32 / 383	
10.	296	277	597	5	½ 296 / 280	32 / 417	35	522	336	5	51 / 19	32 / 415	
11.	241	410	542	5	256 / 226	30 / 447	174	761	475	5	189 / 162	25 / 440 ✓	
												447 ✓	
BM 3-13A												887 ✓	BM 3-13A
	2298 / 15	103	✓			—	1966	641	✓				IMPERIAL Hwy & ORANGE Co. LINE
						+	1598	103	✓				SEE F.B. 2861-11
						—	368	538	✓				

76P526 CE # 308 3-61

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

SURVEY BY DREIER WEATHER HAZE - SMOG INST. NO. 9671

NOTES BY MATHER DATE 10-27-65 TIME 10:27 TO 10:30 ROD NO. 9#1

INDEXED G. J. GALLY DATE NOTES CHKD. DATE NOV 9 '65

F.B. 2861 PG. 103

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 3-14 TO B.M. 3-14A
BM 3-14						✓							B.M. 3-14
1	231	662	532	5	234 229	5	175	220	476	5	171 172	5	IMPERIAL Hwy & FIRST AVE
												5	SEE F.B. 1204-18 & 3708-223
BM 3-14A													
+	231	662	✓				175	220	✓			10	✓ B.M. 3-14A (LA HABRA B-10A & AUX. 1)
-	175	220	✓										ST IMPERIAL Hwy & FIRST AVE
+	56	442	✓										SEE F.B. 3708-223

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F.B. 2861 PG. 104 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES MATHER 10-28-65

INDEXED GAL DATE

WEATHER HAZE-WET INST. NO. 9676

TIME 11:22 TO 11:30 ROD NO. 9819

NOTES CHKD DATE NOV 9 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 3-14A TO B.M. 3-14
B.M. 3-14A													B.M. 3-14A (LA HABRA B-10A AUX. 1)
1	174	147	475	5	177 / 172	5	230	581	531	5	233 / 228	5	IMPERIAL Hwy & FIRST AVE., ℄
													SEE F.B. 3708-223
B.M. 3-14												5	
+	174	147	✓				− 230	581	✓			10	B.M. 3-14
							+ 174	147	✓				IMPERIAL Hwy & FIRST AVE, S.W. Co.
							− 56	434	✓				SEE F.B. 1204-18 & 3708-223

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY C. E. DAVEP WEATHER HAZE - SMOG INST. NO. 96744
NOTES BY MATHER DATE 10-27-65 TIME 10:37 TO 11:00 ROD NO. 5 & 12
INDEXED E. J. GALLI DATE NOTES CHKD. DATE NOV 9 '65

F.B. 2861 PG. 105

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 3-14A TO BM 3-15A
BM 3-14A													BM 3-14A (LA HABRA B-10A AUX 1) IMPERIAL HWY & 1ST AVE. & INT. SEE F.B. 3708-223
1.	113	327	414	5	150 76	74	209	350	510	5	246 172	74	
2.	51	030	352	5	75 28	47 121	290	127	591	5	½ 290 266	48 122	
3.	32	768	333	5	51 13	38 159	259	013	560	5	278 240	38 160	T WILKS
4.	34	311	335	5	54 14	40 199	281	058	582	5	½ 281 260	42 202	
5.	45	536	346	5	77 14	63 262	214	296	515	5	244 184	60 262	
6.	81	600	382	5	115 47	68 330	217	417	518	5	251 182	69 331	
7.	60	922	361	5	92 27	65 395	283	110	584	5	½ 283 250	66 397	
8.	46	~~537~~ ~~583~~	347	5	71 21	50 445	207 ✓	952	508	5	230 184	46 443 ✓	
												445 ✓	
BM 3-15A												888 ✓	BM 3-15A 1ST AVE ~~ST~~ & N. OF AMBER VALLEY
+	466	051	✓				− 1962	323 ✓					SEE F.B. 2861-12
							+ 466	051 ✓					
							− 1496	272 ✓					

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F.B. 2861 PG. 106 JOB NO. 0301.02 SURVEY OF L.A. Co. PRECISE LEVEL NET SURVEY BY DREIER NOTES MATHER 10-28-65 INDEXED C. L. CALL DATE

WEATHER HAZE - HOT INST. NO. 9676 TIME 10:45 TO 11:23 ROD NO. 9619 NOTES CHKD. DATE NOV 9 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 3-15A TO B.M. 3-14A
B.M. 3-15A													B.M. 3-15A
1	229	410	530	5	159 199	60	31	158	332	5	61 1	60	FIRST AVE. N. OF AMBER VALLEY
													SEE F.B. 2861-12
2	262	142	563	5	289 235	54 114	82	487	383	5	110 54	56 116	
3.	207	536	508	5	235 178	57 171	91	780	392	5	120 62	58 174	T WILKS
4.	~~201~~	452	502	5	228 174	54 225	87	275	388	5	115 60	55 229	
5.	272	700	573	5	297 247	50 275	15	125	316	5	½ 38 15	46 275	
~~6.~~				5			~~33~~	~~368~~	~~334~~	5	53 13	~~40~~ 345	
X 6.	273	168	574	5	293 252	41 316	30	823	331	5	50 10	40 315	
7.	262	940	563	5	280 243	37 353	47	936	348	5	65 28	37 352	
8.	242	648	543	5	270 215	55 408	110	753	411	5	138 83	55 407	
9.	201	793	502	5	221 181	40 448	160	070	461	5	179 141	38 445 ✓	
												448 ✓	
BM. 3-14A			✓						✓				B.M. 3-14A
+	2153	789	✓				657	407				893	IMPERIAL Hwy & FIRST AVE., &
−	657	407	✓										SEE F.B. 3708-223
+	1496	382	✓										

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 3-15A TO B.M. 3-16B
BM. 3-15A													BM 3-15A
1.	173	162	474	5	208 / 138	70	124	400	425	5	157 / 89	70	FIRST AVE & AMBER VALLEY
													SEE F.B. 2861-12
2.	177	200	478	5	208 / 146	62 / 132	127	192	428	5	158 / 96	62 / 132	
													⊼ WILKS
3.	179	139	480	5	209 / 149	60 / 192	52	970	353	5	82 / 22	60 / 192	
4.	241	858	542	5	269 / 213	56 / 248	102	780	403	5	130 / 74	56 / 248	
5.	216	600	517	5	241 / 190	51 / 299	135	858	436	5	160 / 109	51 / 299	
6.	170	750	471	5	203 / 137	66 / 365	126	732	427	5 ½	126 / 91	70 / 369	
												365	
BM 3-16B												734	B.M. 3-16B
	1158	709					669	932					FIRST AVE & LEFFINGWELL RD. S.E. COR.
	669	932											SEE F.B. 3708-69
	488	777											

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

SURVEY BY G.E. DREIER DATE 10-27-65 WEATHER HAZE & SMOG INST. NO. 96716

NOTES BY MATHER DATE 10-27-65 TIME 11:04 To 11:28 ROD NO. 9819

INDEXED C. I. GALLI DATE NOTES CHKD [signature] DATE NOV 9 '65

F.B. 2861 PG. 107

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 3-16B TO B.M. 3-15A
BM 3-16B													B.M. 3-16B
1.	120	275	421	5	148 92	56	159	552	460	5	187 129	60	FIRST AVE & LEFFINGWELL RD S.E. Cor SEE F.B. 3708-69
2.	104	080	405	5	144 65	79 135	225	796	526	5	265 185	80 140	
3.	74	570	375	5	106 42	64 199	259	966	560	5	289 229	60 200	π WILKS
4.	110	531	411	5	143 78	65 264	177 ~~176~~	562	478	5	212 143	69 269	
5.	125	207	426	5	157 93	64 328	172	640	473	5	202 142	60 329	
6.	134	360	436	5	157 111	46 374	162 ✓	120	463	5	283 141	42 371 ✓	
BM 3-15A												374 ✓	B.M. 3-15A
	+669	023 ✓					−1157	636 ✓				745 ✓	FIRST AVE. N. OF AMBER VALLEY
							+669	023 ✓					SEE F.B. 2861-12
							−488	633 ✓					

F.B. 2861 PG. 108

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES MATHER 10-28-65

INDEXED C. J. GALLI DATE

WEATHER HAZE - HOT INST. NO. 96716

TIME 10:26 TO 10:45 ROD NO. 9819

NOTES CHKD [illegible] DATE NOV 9 '65

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible]NGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREER WEATHER HAZE - SMOG INST. NO. 2672
NOTES BY MATHER DATE 10-27-65 TIME 11:30 To 13:05 ROD NO. 581
INDEXED C. J. GALLI DATE NOTES CHKD DATE NOV 9 '65

F.B. 2861 PG. 169

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 3-16B TO B.M. 3-17
BM 3-16B													BM 3-16B
1.	131	548	432	5	160 / 102	58	179	530	480	5	208 / 150	58	FIRST AVE & LEFFINGWELL RD. S.E. COR.
													SEE F.B. 3708-69
2.	165	860	466	5	201 / 128	73 / 131	105	172	406	5	141 / 69	72 / 130	
													A WILKS
3.	202	224	503	5	238 / 166	72 / 203	~~166~~ 13	~~238~~ 482	~~467~~ 314	5	½ 48 / 13	70 / 200	
4.	280	790	581	5	½ 280 / 246 4	68 / 271	101	136	402	5	135 / 67	68 / 268	
5.	222	238	523	5	254 / 191	63 / 334	100	848	401	5	131 / 69	62 / 330	
6.	204	408	505	5	242 / 165	77 / 411	112	850	413	5	151 / 73	78 / 408	
7.	181	506	482	5	209 / 153	56 / 467	81	088	382	5	110 / 52	58 / 466	
8.	195	700	496	5	216 / 174	42 / 509	141	696	442	5	162 / 120	42	
												508 ✓	
												509	B.M. 3-17
BM. 3-17												1017	FIRST AVE & WHITTIER BLVD.
+	1584	274 ✓											SEE F.B. 1204-21
−	835	802 ✓					835	802 ✓					
+	748	472 ✓											

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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. 2861 PG. 110
JOB NO. 0301.02
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES MATTHER 10-28-65
INDEXED C. J. CALL DATE
WEATHER HAZE WARM INST. NO 9616
TIME 10:00 TO 10:25 ROD NO 9817
NOTES CHKD [illegible] DATE NOV 9 '65

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 3-17 TO B.M. 3-16B
B.M. 3-17 ①	108	900	409	5	142 74	68	211	600	512	5	275 177	68	B.M. 3-17
②	72	672	373	5	118 26	92 160	212	916	513	5	257 167	90 158	FIRST AVE. & WHITTIER BLVD.
③	88	597	389	5	128 48	80 240	208	936	509	5	248 168	80 238	SEE F.B. 1204-21
④	80	096	381	5	120 40	80 320	291	264	592	5	½ 291 250	82 320	T WILKS
⑤	25	008	326	5	½ 58 25	66 386	193	230	494	5	226 160	86 386	
⑥	75	500	376	5	½ 125 75	100 486	115	720	416	5	165 65	100 486	
⑦	150	263	451	5	168 131	37 523	115	838	416	5	134 95	39 525 ✓	
												523 ✓	
BM 3-16B			✓						✓				BM 3-16B
	+ 601	036					- 349	504 ✓				1048 ✓	LEFFINGWELL RD. & FIRST A
							+ 601	036 ✓					S.E. COR.
							- 748	468 ✓					SEE F.B. 3708-69

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER WEATHER HAZY INST. NO. 24774
NOTES BY WILKS DATE 10-27-65 TIME 1:10-1:35 ROD NO. 9814
INDEXED C. I. GALLI DATE NOTES CHKD DATE NOV 9 '65
F.B. 2861 PG. 111

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 3-17 TO B-M. 3-18A.
BM 3-17					256						92		B.M. 3-17
1	275	620	576	5	294	38	111	019	412	5	130	38	FIRST AVE. S. OF WHITTIER BLVD.
													SEE F.B. 1204-21
2	240	440	541	5	218 / 262	44	91	886	392	5	65 / 118	53	
				½	147	82						91	
3	201	678	502	5	201	68	92	505	393	5	62 / 122	60	
				½	151	150						151	T Mather
4	168	046	469	5	168	34	117	919	418	5	99 / 135	36	
					174	84						187	
5	184	685	485	5	194	20	112	729	413	5	104 / 120	16	
						204						203	
B.M. 3-18A			✓									204	B. M. 3-18 A (F. C. 109-07520)
+	1070	469	✓				526	058	✓			407	RUSSEL ST. & BOGARDUS AVE
−	526	058	✓										SEE F.B. 3708-231
+	544	411	✓										

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2861 Pg. 112 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY G.E.D. NOTES D.L.W. 10-28-65

INDEXED J. GALLI DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 9:30 & 9:55 ROD NO. 9819

NOTES CHKD DATE NOV 9 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 3-18A TO B.M. 3-17
B.M. 3-18A					80						159		B.M. 3-18A (F.C. 109-07520) 3.6
1	92	000	393	6	104	24	173	712	774	5	187	28	RUSSELL ST. & BOGARDUS AVE.
					53						179		SEE F.B. 3708-231
2	85	293	386	5	117	64	210	332	511	5	241	62	
					56	88					195	90	
3	91	849	392	5	126	70	231	313	532	5	267	72	
					54	158					½ 253	162	
4	80	519	381	5	107	53	278	811	579	5	278	50	
						211 ✓						212 ✓	
B.M. 3-17			✓									211	B.M. 3-17
	349	661					894	168 ✓				423 ✓	FIRST AVE & WHITTIER BLVD.
							+ 349	661 ✓					SEE F.B. 1204-21
							— 544	507 ✓					

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 3-18A TO B.M. 3-20A
B.M. 3-18A													B.M. 3-18A (F.C. 109-07520)
1	17	515	318	5	1/2 17 / 52	70	273	898	574	5	1/2 239 / 273	68	RUSSEL ST. & BOGARDUS AVE.
													SEE F.B. 3708-231
2	50	785	351	5	14 / 86	72	223 ~~135~~	135 ~~524~~	524	5	1/2 223 / 186	74	
						142						142	
3	91	165	392	5	57 / 126	69	218	162	519	5	184 / 252	68	⊼ Mather
						211						210	
4	116	825	417	5	81 / 151	70	180	943	481	5	148 / 212	64	
						281						274	
5	31	682	332	5	1/2 31 / 62	62	289	859	590	5	1/2 255 / 289	68	
						343						342	
6	51	070	352	5	31 / 71	40	241	030	542	5	219 / 263	44	
						383						386	
B.M. 3-20A												383	B.M. 3-20A
	359	042				−	1427	027				769	WHITTIER BLVD. & SANTA GERTRUDES AVE.
						+	359	042					
						−	1067	985					SEE F.B. 3708-233

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

SURVEY BY DREIER

NOTES BY WILKS DATE 10-27-65

INDEXED C. J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716 STROGEY

TIME 1:35-2:05 ROD NO. 9819

NOTES CHKD [signature] DATE NOV 9 '65

F.B. 2861 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. 2861 PG. 114 JOB NO. 0301.02

SURVEY OF L.A.Co PRECISE LEVEL NET NOTES P.L.N. 10-28-65

SURVEY BY G.E.D. & J. GALLI DATE

INDEXED

WEATHER Hazy INST. NO. 9616

TIME 9:20 - 9:40 ROD NO. 9419

NOTES CHKD DATE NOV 9 '65

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 3-20A TO B.M. 3-18A
B.M. 3-20A	2				229		2				½ 10		B.M. 3-20A
1	259	881	560	5	294	70	10	795	311	5	43	66	WHITTIER BLVD. & SANTA GERTRUDE
											55		SEE F.B. 3708-23
2	295	276	596	5	½ 250 295	90	100	903	401	5	195	90	
					½ 193	160						156	
3	256	832	557	5	256	126	12	020	313	5	½ 12 77	130	
				½	238	286					½ 7	286	
4	281	648	582	5	281	86	7	361	308	5	46	78	
					191	372					82	364	
5	201	152	502	5	211	20	95 ✓	312	396	5	107	25	
						392						389 ✓	
B.M. 3-18A												392 ✓	B.M. 3-18A (F.C.109-07520
	1294	789	✓										BOGARDUS AVE & RUSSELL ST.
	226	391 ✓					226	391 ✓				781 ✓	SEE F.B. 3708-23
	1068	398	✓										

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED 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 DUELER WEATHER HAZY INST. NO. 3674
NOTES BY WILKS DATE 10-29-65 TIME 8:30 - 3:55 ROD NO. 2612
INDEXED C. J. GALLI DATE NOTES CHKD DATE NOV 9 '65
F.B. 2861 PG. 115

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM B.M. 3-20A TO B.M. 3-18A
B.M. 3-20A					225					½ 3	B.M. 3-20A
1	260	520	561	5	295 70	3	830	304	5	36 66	WHITTIER BLVD. & SANTA GERTRUDES AVE.
					½ 258					72	SEE F.B. 3708-233
2	297	794	598	5	297 78	112	660	413	5	152 80	
					175 148					32 146	
3	218	958	519	5	261 86	75	411	376	5	118 86	
					197 234					½ 34 232	
4	240	722	541	5	283 86	34	232	335	5	77 86	
					½ 263 320					½ 22 318	
5	298	582	599	5	298 70	22	269	323	5	55 66	✓
					390 ✓					384 ✓	
B.M. 3-18A										390 ✓	B.M. 3-18A
+	1316	576	✓			248	402	✓		774	RUSSELL ST. & BOGARDUS AVE.
−	248	402	✓								SEE F.B. 3708-231
+	1068	174	✓								

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403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 96/19 DATE NOV 9 '65

WEATHER Hazy TIME 9:00 - 9:25 NOTES CHKD

F.B. 2861 Pg. 116 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY G.E.D. NOTES D.L.W. 10-29-65 DATE

INDEXED C. J. Gault

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM B.M. 3-18A TO B.M. 3-20A
B.M. 3-18A					½ 24				½	252	B.M. 3-18A
1	24	713	325	5	56 64	283	479	584	5	283 62	BOGARDUS AVE & RUSSELL ST.
					½ 33					171	SEE F.B. 3708-231
2	33	445	334	5	75 84	212	653	513	5	253 82	
					148						
					48					196 144	
3	87	856	388	5	126 78	237	673	538	5	279 83	
					226						
					92					250 227	
4	137	788	438	5	182 90	293	720	594	5	293 86	
					316						
					1					½ 270 313	
5	26	342	327	5	52 51	297	432	598	5	297 54	
					367					168 367	
					115						
6	124	241	425	5	133 18	177	469	478	5	187 19	✓
					385					386	✓
										385	B.M. 3-20A
B.M. 3-20A										771	SANTA GERTRUDES AVE & WHITTIER BLVD.
	434	385	✓			1502	426	✓			SEE F.B. 3708-233
						434	385	✓			
						1068	041	✓			

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible]NGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]: ANY ADDITIONS OR CHANGES
[illegible]IS SHEET MUST BE MADE OR
C[illegible]LED IN RED INK, WITH DATE AND
NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER WEATHER Hazy-Hot INST. NO. 96744
NOTES BY Weeks DATE 10-27-65 TIME 2:05-2:30 ROD NO. 9819
INDEXED C. J. GALLI DATE NOTES CHKD. DATE NOV 9 '65
F.B. 2861 PG. 117

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 3-20A TO B.M. 3-20B
B.M. 3-20A					45					½	256		B.M. 3-20A
1	83	938	384	5	121	76	292	613	593	5	292	72	WHITTIER BLVD. & SANTA GERTRUDES AVE
					½ 11								SEE F.B. 3708-233
2	11	843	312	5	49	76	267	872	568	5	½ 228 267	78	
					45	152					202	150	
3	86	083	387	5	127	82	245	246	546	5	287	85	
						234					145	235	
4	58	327	359	5	29 92	68	180	610	481	5	215	70	
					102	302					126	305	
5	138	290	439	5	174	72	162	430	463	5	188	72	
					148	374					148	377	
6	152	116	453	5	156	8	152	660	453	5	155	7	
						382 ✓						384 ✓	
B.M. 3-20B												382	B.M. 3-20B
	530	597	✓			—	1301	431 ✓				766	WHITTIER BLVD. & SCOTT AVE
						+	530	597 ✓					SEE F.B. 3708-235
						—	770	834 ✓					

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 1419 DATE NOV 9 '65

WEATHER Hazy TIME 9:00 - 9:20 NOTES CHKD DLS

F.B. 2861 PG. 118 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY G.E.D. NOTES Wilkes 11-28-65

INDEXED G. J. GALLI DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 3-20B TO B.M. 3-20A
B.M. 3-20B				102				98	B.M. 3-20B
1	149	321	450 5	196 94	144	740	445 5	190 92	WHITTIER BLVD. & SCOTTAVE.
				198				½ 18	SEE F.B. 3708-235
2	245	970	546 5	292 94	18	287	319 5	68 100	
				½ 211 188				½ 3 192	
3	268	251	569 5	268 114	3	212	304 5	58 110	
				255 302				1½ 23 302	
4	295	639	596 5	295 80	22	130	323 5	66 86	
				382				388 ✓	
B.M. 3-20A								382 ✓	B.M. 3-20A
+	~~3~~ 459	181 ✓			188	369 ✓		770 ✓	WHITTIER BLVD. & SANTA GERTRUDES
−	188	369 ✓							SEE F.B. 3708-233
+	~~0~~ 270	812 ✓							

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 3-20B TO BM 1-11
B.M. 3-20B				~~5~~						~~5~~			B.M. 3-20B
1.	220	500	521	5	252 / 188	64	88	130	389	5	120 / 56	64	WHITTIER BLVD. & SCOTT AVE
													SEE F.B. 3708-235
2.	233	987	534	5	262 / 204	58 / 122	116	608	417	5	146 / 86	60 / 124	
3.	246	864	547	5	279 / 213	66 / 188	87	123	388	5	119 / 55	64 / 188	⊼ WILKS
4.	218	760	519	5	247 / 188	59 / 247	153	350	454	5	183 / 123	60 / 248	
~~5~~	~~—~~	~~—~~	~~—~~	~~5~~	~~—~~	~~—~~	~~167~~	~~383~~	~~468~~	~~5~~	~~200 / 134~~	~~[illegible]~~	
~~6~~ 5.	167	383	468	5	200 / 134	66 / 313	156	280	457	5	190 / 122	68 / 316	
~~7~~ 6.	109	602	410	5	123 / 94	29 / 342	292	130	593	5	1/2 292 / 278	28 / 344	✓
												342	✓
BM 1-11													BM 1-11
	1197	096	✓				893	621	✓			686	✓ WHITTIER BLVD & COLIMA
	893	621	✓										SEE F.B. 1202-16
	303	475	✓										

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

SURVEY BY DREIER WEATHER HAZY-HOT INST. NO. 96716

NOTES BY MATHER DATE 10-27-65 TIME 2:35 TO 3:00 ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE NOV 9 '65

F.B. 2861 PG. 179

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

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

Do not extend notes this side of this line.

F.B. 2861 PG. 120 JOB NO. 030102
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES MATHER 10-28-65
INDEXED C. J. GALLI DATE
WEATHER HAZE-WARM ST. NO. 26716
TIME 8:30 TO 5:55 ROD NO. 9814
NOTES CHKD DATE NOV 9 '65

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM B.M. 1-11 TO B.M. 3-20B
B.M. 1-11				X							B.M. 1-11
1.	299	737	600	5	1/2 299 285 28	133	687	434	5	147 119 28	WHITTIER BLVD & COLIMA RD.
									X		SEE F.B. 1202-16
2.	169	510	470	5	214 124 90 118	168	642	469	5	214 122 92 120	
3.	59	578	360	5	102 16 86 204	259	700	560	5	304 216 88 208	T WILKS
4.	55	492	356	5	99 11 88 292	265	227	566	5	1/2 265 224 82 290	
5.	131	462	432	5	155 104 51 343	191	760	492	5	214 168 46	B.M. 3-20B
										336 ✓	WHITTIER BLVD. & SCOTT
B.M. 3-20B										346 ✓	SEE F.B. 3708-235
										682 ✓	
	715 779 ✓					1019 216 ✓					
					−						
					+	715 779 ✓					
					−	303 437 ✓					

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CANCELLED 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

F.B. 2861 Pg. 121

SURVEY BY G.E. DREIER WEATHER WET HAZE INST. NO. 5640

NOTES BY MATHER DATE 10-23-65 TIME 3:05 TO 3:25 ROD NO. 5615

INDEXED C.J. GALL DATE NOTES CHKD. DATE NOV 9 '65

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
					FROM BM 1-11 TO BM 1-11A				
BM 1-11									BM 1-11
1.	234	474	535	5 — 253 216 — 37	190	827	491	5 — 209 171 — 38	WHITTIER BLVD. & COLIMARD
									SEE F.B. 1202-16
2.	56	574	357	5 — 82 30 — 52 89	234	370	535	5 — 259 208 — 51 89	
3.	36	182	337	5 — 65 6 — 59 148	228	260	529	5 — 257 199 — 58 147	T WILKS
4.	105	110	406	5 — 142 68 — 74 222	208	300	509	5 — 244 171 — 73 220	
5.	206	718	507	5 — 234 175 — 59 281	127	728	428	5 — 157 97 — 60 280	
6.	175	282	476	5 — 198 152 — 46 327	133 ✓	553	4345	156 110 — 46 326 ✓	
								327 ✓	B.M. 1-11A
BM. 1-11A								653 ✓	WHITTIER BLVD. & ENTRADA AVE
	814360 ✓								SEE F.B. 2858-11
				—	1123038 ✓				
				+	814360 ✓				
				—	308678 ✓				

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 BM1-11A TO BM1-11
BM 1-11 A									BM. 1-11 A
1	133	760	434 5	156 / 110 46	175	495	476 5	198 / 152 46	WHITTIER BLVD. & ENTRADA AVE. SEE F.B. 2858-11
2	118	190	419 5	155 / 81 74 / 120	182	907	483 5	217 / 147 70 / 116	
3	226	327	527 5	269 / 182 87 / 207	74	657	375 5	118 / 30 88 / 204	
4.	243	057	544 5	274 / 212 62 / 269	53	030	354 5	83 / 23 60 / 264	⊼ WILKS
5.	262	051	563 5	296 / 229 67 / 336 ✓	188	737	489 5	220 / 156 64 / 328 ✓	BM 1-11
B.M. 1-11								336 ✓	WHITTIER BLVD & COLIMA SEE F.B. 1202-16
	+983385 ✓				674826 ✓			664 ✓	
	-674826 ✓								
	+308559 ✓								

F.B. 2861 PG. 122 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY GED NOTES MATHER 10-27-65

INDEXED DATE

WEATHER HOT-HAZE INST. NO. 9676

TIME 3:25 TO 3:50 ROD NO. 9819

NOTES CHKD [illegible] DATE