Ck'd by

Survey of Long Beach Precise Levels F. B. 3748 Pg. 5
JN 0882.43 Tape Std °F
Surveyed by Dreier - Voge
Notes Voge Date 12/14/65
Indexed C. J. GALLI

LONG BEACH PRECISE LEVEL SURVEY

JN 0882.43

(Continued from FB 3747)

Not modified

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F. B. _____ PG. 6

76P526 CE # 308 3-61

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-38 TO BM-30-23
BM 30-38									BM 30-38 Pacific Coast Hwy & Santiago
1.	179	369	480 5	211 / 147 64	52	231	353 5	85 / 19 66	
2.	259	755	560 5	295 / 223 72	39	635	340 5	76 / 39 74	
				136				37x2 140	
3	265	241	566 5	265 / 226 78	143	381	444 5	185 / 181 84	BM 30-23 Pacific Coast Hwy & Dunheim
	704	365 ✓		214	235	247 ✓		224	
	235	247 ✓						214 ✓	
	+469	118 ✓						438 ✓	

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY G. J. Voge DATE 9-16-65 WEATHER Nev Cast INST. NO. 25234

NOTES BY Voge DATE 9-16-65 TIME 9:00 AM ROD NO. 95-96

INDEXED G. J. Gould DATE NOTES CHKD N/W DATE OCT 22 '65

F.B. 3748 PG. 7

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-23 TO BM 30-38
BM 30-23									BM 30-23 Anaheim & P.C. Hwy
1	182	377	483 5	205 159 46	191	802	492 5	214 168 46	
2	69	590	370 5	99 39 60 106	254	375	555 5	285 223 62 108	
3	40	266	341 5	79 40 39x2 78 184	270	272	571 5	270 232 38x2 76 184	
4	118	015	419 5	136 100 36 220	162	593	463 5	180 144 36 220	
	410.248				879.042			220	
					410.248			440 M.	
					-468.794 C.M.				
BM 30-38									BM 30-38 Pacific Coast Hwy. & Santiago

WEATHER Over cast INST. NO. 75234
TIME 3:05-3:25 ROD NO. 75-96
NOTES CHKD. N/W DATE OCT 22 '65

F.B. 3748 PG. 8 JOB NO. 0882.43
SURVEY OF Long Beach Precise Level Sur.
SURVEY BY Vogel NOTES Bustrom
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-61

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM30-23 TO BM30-38
BM30-23									BM 30-23 Anaheim St. & Pacific Coast Hwy.
1.	171	575	4725	204 138 66	239	918	540 5	272 206 66	
2.	68	511	369 5	98 38 60	248	981	549 5	278 218 60	⊼ - Bazen
3.	56	631	3575	89 23 66 126	248	723	549 5	281 215 66 126	
BM30-38	134	055	~~435~~ 435 5	149 119 30 192 222	162	178	463 5	176 148 28 192	Re run
	~~430.772~~ 430.772				899.800 430 772 469.028 Cm.			220 222 442	BM 30-38 Pacific Coast Hwy & Santiago

JOB NO. ~~0301.02~~ 088243 SURVEY OF ~~L.A.~~ LB CO. PRECISE LEVEL NET
SURVEY BY W. J. Voge
NOTES BY Voge DATE 9-20-65
INDEXED C. J. GALLI DATE
WEATHER Clear
TIME 8:30 AM
NOTES CHKD. N/W
INST. NO. 95236
ROD NO. 95096
DATE OCT 22 '65
F.B. 3748 PG. 9

F.B. 3748 Pg. 10 JOB NO 0882.03

SURVEY OF Long Beach Precise Level Su.

SURVEY BY C. J. GALLI NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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

F.B. 3748 Pg. 71

JOB ~~NO. 0301.02~~ 0882.43 SURVEY ~~OF L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY U. J. Voge WEATHER Overcast INST. NO 25234

NOTES BY Voge DATE 9-16-65 TIME 9:20 AM ROD NO 95-96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE OCT 22 '65

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 30-23 TO BM-LB-109A
BM-~~LB-109~~ 30-23									BM 30-23 P.C.H. & Anaheim
1.	174	771	475 S	185	140	737	441 S	151	BM LB-109A
	140	737		163 22				128 23	P.C.H. & Anaheim
	+34.034	cm.						22	
								45M.	

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB 109A TO BM 30 23
BM LB 109A									BM LB 109A Anaheim & P.C. HWY
1	151	500	452 5	159 143 16	185	530	486 5	193 177 16	
					151.500			16	
BM 30-23					34.030 CM.			32 M.	BM 30-23 Anaheim & P.C. HWY
									π Bazen

WEATHER Overcast INST. NO. 75234

TIME 3:00 ROD NO. 95-9C

NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3748 PG. 12 JOB NO. 0882.43

SURVEY OF Long Beach Pierce Level Sur.

SURVEY BY Vogle NOTES Bustron

INDEXED C. J. GALLI DATE

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NAME OF PERSON MAKING CHANGE

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JOB NO. 0882.43 LB
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W J [illegible] WEATHER Overcast INST. NO. 75238
NOTES BY Voge DATE 9-16-65 TIME 9:30 AM ROD NO. 95-96
INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE NOV 22 '65

F.B. 3748 Pg. 13

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM LB 109-A TO BM LB-672
BM LB 109A							BM LB 109A P.C.H. & Anaheim St.
1.	91 358	392 5	126 70 / 56	224 555	525 5	259 / 184 70	
2.	75 635	376 5	105 / 44 61 / 131	213 948	514 5	243 / 183 60	
3.	124 752	425 5	136 / 114 22 / 151	203 745	504 5	214 / 192 22 / 152	BM LB-672 Anaheim St. & Argonne Ave.
	291. 745			641. 948		151	
				291. 745		303 M.	
				350. 203 C.M.			

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB672 TO BM 109A
BM LB672									BM LB 672 Anaheim & Argonne Ave N.E Cor
1	268	778	569 5	300 236 64	89	996	390 5	121 57 64	
2	239	490	540 5	282 196 86 150	68	095	369 5	111 25 86 150	
	508	268			158	091		150	
	158.	091						300 M	
+	350.	177	cm.						π Bazen
BM LB 109A									BM LB 109A Anaheim & P.C. Hwy.

F.B. 3748 PG. 14

SURVEY OF LA Co L.B. Precise Level Sur

SURVEY BY Voge NOTES Bustoon

INDEXED C. J. GALLI DATE

JOB NO. 0301.02 0882.43

WEATHER overcast INST. NO. 75234

TIME 2:45-2:55 ROD NO. 95-96

NOTES CHKD [illegible] DATE OCT 22 '65

76P526 CE # 308 3-61

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JOB NO. 0882.43 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. T. Voge DATE 9-16-65 WEATHER Overcast INST. NO. 75231
NOTES BY W. T. Voge DATE 9-16-65 TIME 10:05 AM ROD NO. 85-96
INDEXED C. J. Gould DATE NOTES CHKD [illegible] DATE 11 2 65
F.B. 3741 PG. 15

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM LB-672 TO BM LB-296
BM LB-672							BM LB-672 Anaheim St. & Argonne Ave.
1.	74 875	395 5	100 48 52	264 249	565 5	296 238 52	
~~2.~~		~~5~~		~~238 815~~	~~539 5~~	~~220 206 64~~ 14	
2.	4 529	395 ~~34~~ 5	31 4 27 54 106	206 695	507 5	233 178 55 107	
3.	141 635	442 5	148 134 14 120	196 028	497 5	202 190 12 189 120	BM LB-296 Anaheim St. & Roy Croft Ave.
	221 039 ✓			666.972 ✓		239 ✓ M.	
				221.039 ✓			
				445.933 CM.			

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB296 TO BM LB672
BM LB 296									BM LB 296 Andheim & Roycroft N.E. COR
1	241	284	542 5	270 212 58	35	057	336 5	65 5 60	
2	289	448	590 5	289 258 31 62 120	49	897	350 5	79 19 60 120	
+	530.	732			84	954		120	
−	84.	954						240 M.	
+	445.	778	Cm						
BM LB 672									BM LB 672 Andheim St & Argonne Ave N.E. Cor.

WEATHER Overcast INST. NO. 75234

TIME 2:35 - 2:45 ROD NO. 95-96

NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3748 PG. 16 JOB NO. 6882.43

SURVEY OF Long Beach Precise Level Sec.

SURVEY BY Voge NOTES Bostrom

INDEXED C. J. GALLI DATE

F.B. 3748 PG. 17

JOB NO. ~~0801.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LSD PRECISE LEVEL NET

SURVEY BY W J Voge WEATHER Overcast INST. NO. 75234

NOTES BY Voge DATE 9-16-65 TIME 10:15 AM ROD NO. 95-96

INDEXED DATE NOTES CHKD NJW DATE OCT 22 '65

76P526 CE # 308 3-61

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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 LB-296 TO BM. LB-108
BM LB-296									B.M. LB-296
1	146	310	447 5	179 113 66	190	871	491 5	220 160 60	Anaheim & Roycroft
									N.E. Cor.
2	73	145	374 5	108 38 70	232	865	533 5	270 195 75	
				136				135	
3	138	357	439 5	145 131 14	179	985	480 5	186 172 14	
				150				149	
								150	B.M. LB-108
B.M. LB-108	357	812			603	721		299	Anaheim & Ximeno
					357	812			N.E. Cor.
dite in elev.					245	909			

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB 108 TO BM LB 296
BM LB 108									BM LB 108
1	228	708	529 5	252 204 48	112	838	413 5	136 88 48	Anaheim & Termino N.E Cor
2	239	881	540 5	276 202 74 122	109	999	410 5	146 72 74 122	
3	178	734	479 5	192 164 28 150	178	585	479 5	192 164 28 150	
	647	323			401	422		150	
	401	422						300 M	
+	245.	901 CM							
BM LB 296									BM LB 296 Anaheim & Roycroft N.E Cor.

F.B. 3748 PG. 18 JOB NO. D882.43

SURVEY OF Long Beach Precise Level Sur.

SURVEY BY Vogel NOTES M. Bustrom

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 75234

TIME 2:15-2:35 ROD NO. 95-96

NOTES CHKD N/W DATE OCT 22 '65

76P526 CE # 308 3-61

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM L.B. 108 TO B.M. LB-186
BM. L.B.-108									B.M. L.B.-108
1	120	418	421 5	154 86 68	179	100	480 5	212 146 66	Anaheim + Ximeno N.E. Cor.
2	139	501	440 5	168 110 58	155	829	456 5	184 126 58	
				126				124	
3	132	957	433 5	167 97 70	174	913	475 5	209 139 70	
				196				194	
4	143	460	444 5	148 138 10	176	221	477 5	180 172 8	
				206				202	
BM. L.B. - 186								206	B.M. L.B.-186
	536	336			686	063		408 m.	ANAHEIM & Termino N.E. Cor.
					536	336			
diff. in elev. =					-149	727 Cm.			

0882.43

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

SURVEY BY W. J. Vogt WEATHER overcast INST. NO. 75234

NOTES BY BAZEN DATE 9-16-65 TIME 11:00 AM ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD N.J.W. DATE 11-22-65

F.B. 3146 PG. 19

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB 186 TO BM LB 108
BM LB 186									BM L B #186
1	202	268	503 5	237 167 70	133	417	434 5	168 98 70	Anaheim & Termino N.E. cor.
~~3~~ 2	168	650	469 5	200 136 64 134	149	871	450 5	182 116 66 136	
~~3~~ 3	189	611	490 5	224 154 70 204	127	478	428 5	162 92 70 206	
	~~560.529~~				410 766			204	
	560.529							410 M.	
	410.766								
BM LB 108	+149.763 Cm.								BM LB 108 Anaheim & Termino N.E. Cor.)

WEATHER overcast INST. NO. 75238

TIME 2100-2115 ROD NO. 95-96

NOTES CHKD. NJW DATE OCT 22 '65

F.B. 3748 PG. 20 JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Sur.

SURVEY BY Vogt NOTES Bustrom

INDEXED C. J. GALLE DATE

76P526 CE # 308 3-61

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JOB NO. 0501.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. Voge WEATHER overcast INST. NO 25234
NOTES BY BAZEN DATE 9-16-65 TIME 11:15 AM ROD NO. 25-26
INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3778 PG. 21

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. L.B.-186 TO L.B. -31
B.M. L.B. -186							B.M. LB-186
1	186 500	487 5	222 150 72	79 903	380 5	166 92 74	ANAHEIM & TERMINO
2	222 348	523 5	248 196 52	42 961	343 5	69 15 54	N.E. cor.
3	265 719	566 5	288 242 46 124	69 958	370 5	91 47 44 128	
4	213 499	514 5	229 197 32 170	99 910	400 5	114 84 30 172	
5	157 665	458 5	159 155 4 202	200 723	501 5	202 198 4 206	
			206			206	
B.M. L.B. #31	1045.731			493.455		206	B.M. LB #31
	493.455					412	ANAHEIM & Loma ave.
diff. in elev. =	+552.276 (M.						N.E. COR. (10' N. of N. end. curb ret.)

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB #31 TO BM LB 186
BM LB #31									BM LB #31
1	196	314	497 5	200 192 8	170	395	471 5	174 166 8	Anaheim & Loma Ave (N.E. Cor.)
2	53	675	354 5	82 25 57 65	279	862	580 5	279 250 29+2 58 66	↑ BALEN
3	32 8	885	333 5	57 7 50 115	245	685	546 5	274 216 58 124	
4	86	370	387 5	111 61 50 165	192	468	493 5	213 170 43 167	
5	143	947	444 5	162 124 38 203	177	122	478 5	197 157 40 207	
BM LB 186	513	191		203	1065	532		207	BM L.B 186
					513	191		203	Anaheim & Termino Ave
					552	341	Cm.	410 M	(N.E. Cor.)

WEATHER Overcast INST. NO. 45236
TIME 1:35-2:00 ROD NO. 95E96
NOTES CHKD. NJW DATE OCT 22 '65

F.B. 3748 PG. 22
JOB NO. 0888, 43
SURVEY OF Long Beach Precise Level Sur.
SURVEY BY Yoye NOTES Bustrom
INDEXED G. J. GALLI DATE

76P526 CE # 308 3-61

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JOB NO. 9501.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. VOGE DATE 9-16-65 TIME 11:40 - 12:00 WEATHER overcast INST. NO 523
NOTES BY Bustrum ROD NO 25 & 26
INDEXED C. J. GALLI DATE NOTES CHKD DATE
F.B. 3748 Pg. 23

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM BM LB#31 TO LB. #187
BM LB#31											BM LB#31
1	258	162	559	5	295 225 70	110	754	411	5	142 78 64	Anaheim st. & Loma ave
2	174	226	475	5	206 142 64 134	164	261	465	5	201 127 74 138	N. E. Cor. (10' ± N. of N. end C.R.)
3	126	365	427	5	157 93 66 200	203	457	504	5	233 173 60 198	T Bazen
				4							
BM LB#187	558.753				200	478.472				198	BM LB#187
	478.472									200	Anaheim & Obisbo
	+ 80.281		CM.							398M	(N. E. Cor.)

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB #187 TO BM LB #31
BM LB #187									BM LB #187 Anaheim & Obisbo St.
1	204	782	505 5	238 68 170	129	080	430 5	163 68 95	π Bazen
2	164	315	465 5	198 68 130 136	174	220	475 5	205 62 143 130	
3	115	598	416 5	147 64 83 200	261	652	562 5	295 68 227 198	
BM LB #31	484.695			200	564.952 484.695 80.257 cm.			198 200 398 m.	BM LB #31 Anaheim St & Loma Ave. (N.E. Cor.)

F.B. 3748 PG. 24

SURVEY OF Long Beach Precise Level Sur.

SURVEY BY Vope

INDEXED C. J. GALLI

JOB NO. 0882.43

NOTES Bistrom

DATE

WEATHER Overcast

TIME 1115 - 1:35

NOTES CHKD N. Lee

INST. NO. 252.36

ROD NO. 95576

DATE OCT 22 '65

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM BM LB #187 TO BM LB #25
BM LB#187									BM LB #187
1	164	847	465 5	193 134 59	177	583	478 5	208 146 62 +	Anaheim & OBISBO (N.E. COR.)
2	138	299	439 5	171 105 66	172	147	473 5	204 140 64 +	
				125				126	π Virg. Lieber
3.	130	730	431 5	156 104 52	164	833	465 5	190 138 52 +	
				177				178	
4.	140	258	441 5	155 125 30	186	952	487 5	201 171 30 +	
				207				208	
								207	
BM LB #25									BM LB #25
	574	134			701	515		415	M. Anaheim st & Temple N.E. Cor.
					574	134			
diff. in elev. =				—	127	381	CM.		

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET
SURVEY BY W. J. Voge
NOTES BY BAZEN DATE 9-17-65
INDEXED C. J. GALLI DATE
WEATHER Sunny-Cool INST. NO. 25234
TIME 8:30 To 9:00 ROD NO. 95596
NOTES CHKD N.W. DATE OCT 22 '65

F.B. 3748 PG. 25

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB-25 TO BM LB 187
BM LB25									BM LB25 Temple & Anaheim St N E Cor.
1.	201	080	502 5	228 174 54	143	830	444 5	173 115 56	
2.	182	320	483 5	209 155 54 108	145	720	446 5	172 118 54 110	
3.	175	531	476 5	202 148 54	142	972	443 5	168 116 52	
4.	172	429	473 5	192 152 40 162 202	171	495	472 5	193 149 44 162 206 202 408	BM LB 187 Anaheim St. & Obispo Ave. N.E Cor.
	731	360			604	017			
	604	0.17							
	± ~~127~~	~~289~~	GM						
	+ 127.343		c.m.						

F.B. 3748 PG. 26

SURVEY OF Long Beach Precise Level Sur. JOB NO. 0882.43

SURVEY BY Vogel NOTES Vogel

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 9:10 AM ROD NO. 75-96

NOTES CHKD [illegible] DATE OCT 22 '65

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [illegible]IS 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM L.B. #25 TO L.B. #188
BM L.B. #25									B.M. L.B. #25
1	137	503	438 5	168 106 62	211	950	512 5	242 180 62	Anaheim st. & temple N.E. Cor.
2	126	393	427 5	163 89 74 136	155	265	456 5	192 118 74 136	⊼ Verg. Lieber
3	139	404	440 5	171 107 64 200	175	233	476 5	208 142 66 202	
4	154	433	455 5	157 151 6 206	179	461	480 5	182 176 6 208	
B.M. L.B. #188								206	B.M. L.B. #188 Anaheim st. + Junipero N.E. Cor.
	557	733			721	909		414 M.	
					557	733			
diff. in elev. =				—	164	176 CM			

JOB NO. ~~0801.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W.J. Voge WEATHER overcast INST. NO. 75234

NOTES BY BAZEN DATE 9-17-65 TIME 9:00 To 9:30 ROD NO. 95 & 96

INDEXED C. J. GALLI DATE NOTES CHKD N/W DATE OCT 22 '65

F.B. 3748 PG. 27

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM. LB. 188 TO BM. LB #25
BM. LB 188									BM. LB 188
1	182	769	483 5	187 177 10	153	572	454 5	158 148 10	~~Che~~ Anahiem St & Junipero St. N.E. Cor
2	171	025	472 5	149 143 56	147	628	448 5	177 117 60	π Bazen.
3	159	925	460 5	189 129 66 60	136	755	437 5	164 108 70 56	
4	209	705	510 5	248 170 126 78	121	474	422 5	164 78 126 86	
	723.424			204	559.429			212	
	559.429							204	
BM. LB. 25	~~164.095 CM.~~							416	Meter. BM. LB. 25
+	163.995 CM.								Anahiem & Temple St. N.E. Cor.

F.B. 3748 PG. 28

JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Sur.

SURVEY BY Vogt NOTES VL.

INDEXED C. J. GALLI DATE

WEATHER Cloudy INST. NO. 75234

TIME 2:30 - 3:00 ROD NO. 85-86

NOTES CHKD. N/W DATE Oct 22 '65

76P526 CE # 308 3-61

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

N[illegible]E: ANY ADDITIONS OR CHANGES [illegible]IS 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB.-188 TO BM. LB.-22
B.M. LB.-188									BM. LB-188
1	178	390	479 5	188 168 20	157	783	458 5	167 146 21	Anaheim & Junipero N.E. Cor. (dirt.)
2	142	994	443 5	172 113 59	150	177	451 5	180 120 60	
3	161	493	462 5	182 130 79 52	157	712	458 5	184 131 81 53	T. LEIBER
4	127	079	428 5	162 92 131 70 201	170	832	471 5	204 136 134 68 202 201	
BM. LB. #22									B.M. LB. #22
	609	956			636	504		403	ANAHEIM & Cherry N.E. Cor. (L&T)
					609	956			
diff. in elev. =				—	26	548	CM		

JOB NO. ~~0301.02~~ 0082.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET
SURVEY BY W. J. Vogt
NOTES BY Bazen DATE 9-17-65
INDEXED C. J. GALLI DATE
WEATHER Sunny & Cool INST. NO. 75234
TIME 7:30 TO 7:50 ROD NO. 95896
NOTES CHKD. [illegible] DATE OCT 22 '65
F.B. 3748 PG. 29

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM.LB. 22 TO BM LB 188
BM.LB. 22									BM. LB. #22 Anahiem & Cherry N.E. Cor L & T.
1	173	409	474 5	213 133 80	130	745	431 5	171 89 82	
2	151	288	452 5	180 122 58	147	742	448 5	177 117 60	
3	145	973	446 5	170 120 50 138	144	139	445 5	167 121 46 142	
4	150	145	451 5	156 143 13 188	171	853	472 5	179 163 16 188	
	620.815			201	594.479			204	
	594.479							201	
BM. LB 188	+ 26.336 CM							405M.	BM. LB. 188 Anahiem & Junipero St. N.E Cor.

WEATHER Clear INST. NO. 75234

TIME 2:10 ROD NO. 95-96

NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3748 PG. 30

SURVEY OF Long Beach Precise Level Sw. JOB NO. 0882, 43

SURVEY BY Vage. NOTES V.L.

INDEXED C. J. GALLI DATE

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

F.B. 3748 PG. 31

SURVEY BY W. J. Voge

WEATHER overcast INST. NO. 75234

NOTES BY BAZEN DATE 9-17-65

TIME 8:05 TO 9:15 ROD NO. 95-96

INDEXED C. L. GALLI DATE

NOTES CHKD N/W DATE OCT 22 '65

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L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

M E: ANY ADDITIONS OR CHANGES
HIS SHEET MUST BE MADE OR
ED IN RED INK, WITH DATE AND
NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

76P526 CE # 308 3-61

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM LB #22 TO BM LB -196
B.M. LB-22									BM LB-22
1.	152	090	453 5	182 122 60	190	858	491 5	220 160 60	CHERRY & ANAHEIM. N.E. Cor. (L&T)
2	129	129	430 5	160 98 62	177	550	478 5	209 145 64	
3	124	988	425 5	158 90 122 68	195	044	496 5	228 160 68	
				190				192	
								190	
B.M. LB-196									B.M. LB-196
	406	207			563	452		382	M. Cherry Ave. & 15th St. S.E. Cor.
					406	207			
diff in elev. =					157	245 CM			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. LB. 196 TO BM LB. 22
BM. LB 196									BM. LB. 196
1	188	629	489 5	217 159 58	129	862	430 5	158 100 58	Cherry St & 15TH SE Cor.
2	185	919	486 5	215 155 60	136	917	437 5	167 105 62	
3	183	775	484 5	220 146 118 74	126	611	427 5	163 89 120 74	
4	168	963	469 5	170 166 192 4	176	883	477 5	178 176 194 4	
BM. LB 22				196				198	BM. LB. 22
	727.	286			570.	273		196	Cherry St. &
	570.	273							Anaheim St N.E. Cor.
	+ ~~156.~~	~~995~~						394 m.	
	+ 157.	013	cm						

F.B. 3748 PG. 32

JOB NO. 0882 43

SURVEY OF Long Beach Precise Level Sur

SURVEY BY Vage NOTES F.L.

INDEXED C. J. GALLI DATE

WEATHER Clear

TIME 1:45-2:05

NOTES CHKD N/W

INST. NO. 75234

ROD NO. 95-96

DATE OCT 22 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM BM. LB-196 TO BM LB-30
B.M. LB-196									BM LB-196
1	147 733	448 5	178 116	62	177 709	478 5	207 146	61	Cherry Ave & 15th ST. S.E. Cor.
2	135 310	436 5	165 105	60	167 123	468 5	196 138	58	
				122				119	
3.	132 721	433 5	168 96	72	219 118	520 5	257 181	76	
				194				195	
BM. LB.-30								194	BM. LB.-30,
	415764				563950			389 M.	Cherry & Pac. Coast Hwy. S.E. Cor.
					415764				
					~~979714~~				
diff. in elev. =				—	148186	C.M.			

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W. J. Voge WEATHER overcast INST. NO 75234

NOTES BY BAZEN DATE 9-17-65 TIME 9:15 To 10:00 ROD NO. 25-76

INDEXED C. J. GALLI DATE NOTES CHKD N/W DATE OCT 22 '65

F.B. 3748 PG. 33

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM.LB-30 TO BM. LB. 196
BM.LB.30									B.M.LB-30
1	213	191	514 5	241 185 56	138	039	439 5	167 109 58	Cherry & Pacific Coast Hwy. SE.Cor
2	161	537	462 5	189 133 56	125	742	426 5	156 94 62	
3	176	537	477 5	216 136 80 112	139	250	440 5	176 102 74 120	⊼ Bustrum.
	551	265		192	403	031		194	
	403	031						192	
+	148	234	CM.					386	m.
BM. LB. 196									BM.LB.196 Cherry St. & 15TH. S.E. Cor.

F.B. 3748 PG. 34

SURVEY OF Long Beach Precise Level Sur.

SURVEY BY Vogt NOTES V.L.

INDEXED C. J. GALLI DATE

JOB NO. 0882 43

WEATHER Clear

TIME 1:20 - 1:45

NOTES CHKD N/W

INST. NO. 25234

ROD NO. 95-96

DATE OCT 22 '65

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ L.D. PRECISE LEVEL NET

SURVEY BY W. J. Voge

NOTES BY BAZEN DATE 9-17-65

INDEXED C. J. GALLI DATE

WEATHER semi. overcast INST. NO. 25234

TIME 10:00 TO 19:30 ROD NO. 95-96

NOTES CHKD. N/W DATE OCT 22 '65

F.B. 3748 PG. 35

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM LB-30 TO BM LB-202
BM LB-30									BM LB-30
1	174	390	475 5	192 156 36	170	238	471 5	189 151 38	Cherry & Pac. Coast Hwy ~~N.E.~~ SE cor.
2	138	368	439 5	168 107 61 97	161	556	462 5	191 131 60 98	
3	146	642	447 5	177 115 62 159	183	564	484 5	214 152 62 160	
4	174	948	475 5	199 150 49 ~~[illegible]~~ 208	191	421	492 5	216 166 50 210	
	634.348				706.779			208	
					634.348			418 M.	
					72.431 CM				
BM LB202									BM LB 202 PACIFIC COAST HWY & WALNUT AVE. N.E. Cor.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB 20.2 TO BM LB 30
BM LB 20.2									BM LB 20.2 P.C.H. & Walnut NE Cor.
1	189	393	490 5	216 162 54	170	803	471 5	196 144 52	⊼ M. Bustrum.
2	178	601	479 5	208 148 60 114	140	439	441 5	171 109 62 114	
3	159	125	460 5	189 129 60 174	135	417	436 5	165 105 60 174	
4	168	667	469 5	185 151 34 208	176	572	477 5	192 160 32 206	
	695	786			623	231		208	
BM. LB. 30	623	231						414 M	BM. LB. 30 Cherry & Pacific Coast Hwy. S. E. Cor.
+	72	555							

F.B. 3748 PG. 36

SURVEY OF Long Beach Precise Level 5 Ur.

SURVEY BY Lee NOTES VL

INDEXED G. J. GALLI DATE

JOB NO. 0880 43

WEATHER Clear INST. NO. 75234

TIME 1:00 PM 4:17 ROD NO. 95+96

NOTES CHKD N/W DATE OCT 22 65

76P526 CE # 308 3-61

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB 202 TO BM LB 107A
BM LB202									BM LB 202 P.C.H. & Walnut N.E. Cor.
1.	196	605	497 5	226 166 60	140	775	441 5	171 109 62	
2.	177	328	478 5	206 148 58	133	571	434 5	161 105 56	* - Bazen
3.	179	112	480 5	202 118 156 46	134	470	435 5	157 111 118 46	
BM LB107A	166	463	467 5	185 164 147 38	144	012	445 5	163 125 164 38	BM LB 107A P.C.H. & Orange Ave. N.E. Cor.
	719	508		202	552	828		202	
	552	828						202	
+	166	680	cm.					404	m.

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ L.B. PRECISE LEVEL NET

SURVEY BY W J Voge DATE 9-20-65 WEATHER clear INST. NO. 75234

NOTES BY Voge DATE 9-20-65 TIME 7:50 AM ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3748 Pg. 37

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM BM. L.B.-107A TO BM LB.-202
BM-107A									B.M. L.B.-107A Pac. Coast Hwy & Orange N.E. COR.
1	137 249	438 5	173 101	72	196 303	497 5	232 160	72	
2.	128 815	429 5	158 97	61	176 838	477 5	208 144	64	
				133				136	
3.	148 996	449 5	168 128	40	171 039	472 5	190 151	39	
				173				175	
4.	132 857	433 5	146 118	28	170 490	471 5	182 157	25	
				201				200	
B.M. LB.-202								201	BM. L.B.-202 Pac. Coast Hwy & Walnut Ave. N.E. Cor.
	547 917				714 670			401	
					547 917				
diff. in elev. =				—	166 753	CM			

F.B. 3748 PG. 38

JOB NO. 0882 43

SURVEY OF L.B. Precise Level Survey

SURVEY BY VOGE NOTES BAZEN

INDEXED C. J. GALLI DATE

WEATHER Sunny & Warm INST. NO. 75234

TIME 11:30 AM. ROD NO. 95-96

NOTES CHKD N/W DATE OCT 22 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible]NGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 882.43 LB

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY L. J. Voge DATE 9-20-65 WEATHER Clear INST. NO. 25236

NOTES BY L. J. Voge TIME 10:05 AM ROD NO. 85-96

INDEXED C. J. GALLI DATE NOTES CHKD DATE 11-22-65

F.B. 3748 Pg. 39

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM LB 107A TO BM LB 29
BM LB 107A							BM LB 107A P.C.H. & Orange Ave N.E. Cor
1.	198 650	499 S	227 169 58	139 164	440 S	169 109 60	T - B92cm
2.	167 122	468 S	199 135 64	160 477	461 S	192 128 64	
3.	162 532	463 S	186 122 138 48	130 910	431 S	150 124 106 48	
BM LB 29	159 696	460 S	173 170 145 26	171 978	472 S	184 172 158 26	BM LB 29 P.C.H. & California Ave. N. E. Cor.
	~~688 000~~ 688 000 ✓		198	602 529 ✓		198 198	
	602.529 ✓					396m ✓	
+	85471cm						

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. L.B.-29 TO L.B. 107-A
B.M. L.B.-29									B.M. LB-29
1	152	283	453 5	182 123 59	170	157	471 5	199 141 58	PAC. COAST Hwy & CALIF. AVE. N.E. COR.
2	168	743	469 5	195 141 54	182	670	483 5	209 155 54	⊼ VOGE.
3	163	781	464 5	189 137 52	181	177	482 5	206 156 50	
4.	143	609	444 5	159 126 33	179	755	480 5	196 162 34	
				113 165 198				112 162 196 198	
B.M. L.B. 107A									B.M. L.B.-107A
	628	416			713	759		394	M. P.C. Hwy & Orange AVE. N.E. COR.
					628	416			
diff. in elev. =				—	85	343	C.M.		

F.B. 3748 PG. 40 JOB NO. 1882. 43

SURVEY OF Long Beach Precise Level Sur.

SURVEY BY VOGE NOTES BAZEN

INDEXED C. J. GALLI DATE

WEATHER Sunny & Warm INST. NO. 75234

TIME 11:05 A.M. ROD NO. 95-96

NOTES CHKD N/W DATE OCT 22 '63

JOB NO. ~~0801.02~~ 882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

F.B. 3748 PG. 41

SURVEY BY W J Voge

WEATHER Clear

INST. NO. 75234

NOTES BY Voge

DATE 9-20-65

TIME 10:30 AM

ROD NO. 95-96

INDEXED C. J. GALLI

DATE

NOTES CHKD N/W

DATE OCT 22 '65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 LB 29 TO BM LB 565
BM LB 29									BM LB 29
1.	227	337	528 5	252 / 202 50	143	662	444 5	168 / 118 50	P.C.H. & California NE Cor.
2.	175	635	476 5	201 / 149 52 / 102	142	222	443 5	168 / 116 52 / 102	T VOGE
3.	163	402	464 5	191 / 135 56 / 158	148	563	449 5	176 / 120 56 / 158	
BM LB 565	168	868	469 5	194 / 142 52	170	437	471 5	194 / 144 52	BM LB 565
	735	242	✓	210	604	884	✓	210	P.C.H. & Atlantic Ave.
	604	884	✓					210	S.E. Cor.
+	130	358	✓ C.M.					420 M.	

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 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 LB 565 TO BM LB 29
BM LB 565									BM LB 565
									PCH & Atlantic Ave. S.E. Cor.
1.	165	333	466 5	191 139 52	163	622	464 5	189 137 52	
									π - Bazer
2.	146	776	447 5	178 115 63	166	790	467 5	198 134 64	
				115				116	
3.	134	186	435 5	164 104 60	172	602	473 5	202 142 60	
				175				176	
4.	124	773	425 5	141 108 33	198	272	499 5	214 182 32	
				208				208	
B.M. LB #29								208	BM. L.B. #29
	571	068			701	286		416	M. PAC. COAST Hwy &
					571	068			CALIF. AVE.
diff. in elev =				—	130	218	cm		N.E. Cor.

F.B. 3748 PG. 42

JOB NO. 0882-43

SURVEY OF Long Beach Precise Lord #Sun

SURVEY BY Lore NOTES 1090

INDEXED C. J. GALLI DATE

WEATHER clear

TIME 10:45 AM

NOTES CHKD [illegible]

INST. NO. 75234

ROD NO. 95-96

DATE OCT 22 '65

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0501.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Voge & Voge DATE 9-20-65 WEATHER Clear INST. NO. 73234
NOTES BY Voge TIME 11:15 AM ROD NO. 25-26
INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3748 Pg. 43

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM LB 565 TO BM LB 566
BM LB 565							BM LB 565 P.C.H. & Atlantic Ave
1.	146 958	447 5	169 46 123	158 639	459 5	182 48 134	S.E. Cor
2.	170 849	471 5	197 54 143	138 265	439 5	166 56 110	π - Brzen
3	190 449	491 5	220 100 160 60	146 725	447 5	175 104 117 58	
BM LB 566	134 862	435 5	153 160 115 38	209 160	510 5	227 162 191 36	BM LB 566 P.C.H. & Long Beach Bl.
	643.118 ✓		198	652.789 ✓		198	S.E. Cor.
				643.118 ✓			
				9.671 ✓ Cm.			396 M ✓

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB566 TO BM LB565
BM 566									BM LB 566
1.	211	761	512 5	229 193 36	137	973	438 5	155 119 36	P.C.H. & Long Beach BL S.E. Cor.
2.	147	150	448 5	177 117 60 96	190	782	491 5	219 161 58 94	
3.	137	850	438 5	165 109 56 152	169	815	470 5	196 142 54 148	
~~4.~~	~~169~~	~~815~~ ~~855~~	~~470 5~~	~~196 142 54~~	—	—	— ~~5~~		BM LB 565
BM LB565					146	570	447 5	169 123 46	P.C.H. &
	158	180	459 5	182 134 48					
	654	941		200	645	140		~~204~~ 194	
	645	140						200	
+	9	801	cm.					394	m.

F.B. 3748 PG. 44

SURVEY OF Long Beach Precise Level Sw

SURVEY BY Vogle NOTES Vogle

INDEXED C. J. GALLI DATE

JOB NO. 882 43

WEATHER Clear INST. NO. 7523 L

TIME 3:05 PM ROD NO. 95-96

NOTES CHKD N/W DATE OCT 22 '63

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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB 566 TO BM LB 205
BM LB 566									BM LB 566 P.C.H. & Long Beach Bl.
1.	104	287	405 5	121 87 34	261	200	562 5	277 245 32	S.E. Cor.
2.	30	870	331 5	45 15 30 64	215	311	416 5	230 200 30 62	" - Bazen
3.	85	888	386 5	116 54 62 126	220	550	521 5	251 189 62 124	
4.	100	233	401 5	128 72 56 182	125	816	426 5	153 97 56 180	
5.	131	648	432 5	150 112 38	175	394	476 5	193 157 36	BM LB 205 P.C.H. & Pacific Ave.
	452	926		220	998	271		216	N.E. Cor.
					452	926		220	
					545	345		436	M.

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W I Voge DATE 9-20-65 WEATHER clear INST. NO. 75234

NOTES BY Voge DATE TIME 1:30 PM ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD N/W DATE OCT 22 '65

F.B. 3748 PG. 45

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 LB 205 TO BM LB 566
BM LB 205									BM LB 205
									P.C.H. & Pacific Ave
1.	180	235	481 5	198 162 36	136	418	437 5	155 117 38	N.E. Cor.
2	126	278	427 5	154 98 56	96	649	397 5	124 68 ~~46~~ 56	
				92				94	
3.	214	910	515 5	245 183 62	84	115	385 5	115 53 62	π - Bazen
				154				156	
4.	216	280	517 5	231 201 30	32	804	333 5	47 17 30	
				184				186	
5.	274 ~~273~~	000	575 5	290 258 32	116	454	417 5	133 99 34	BM LB 566
	1011.	703		216	466.	440		220	P.C.H. & Long Beach Bl.
	466.	440						216	S.E. Cor.
								436	M.
+	545.	263	CM.						

F.B. 3748 PG. 46 JOB NO. 2882.43

SURVEY OF Long Beach Precise Level Sur

SURVEY BY Vogel NOTES Vogel

INDEXED C. J. GALLI DATE

WEATHER clear INST. NO. 7523

TIME 2:45 PM ROD NO. 95-96

NOTES CHKD N/W DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB 205 TO BM LB 46
BM LB 205									P.C.H. & Pacific Ave N E Cor.
1.	189	159	490 5	213 165 48	166	331	467 5	191 141 50	
2.	149	603	450 5	182 116 66	148	628	449 5	180 116 64	⊼ - Bazer
3.	128	352	429 5	114 147 109 38	138	815	439 5	114 157 119 38	
~~4~~	~~166~~	~~790~~	~~467 5~~	152 ~~192 140 52~~	~~179~~	~~395~~	~~480 5~~	152 ~~206 152 54~~	
~~5~~ 4	166	070	467 5	~~204~~ 192 140 52	178	692	479 5	~~206~~ 204 152 52	
5.	144	673	445 5	204 170 118 52	151	090	452 5	204 176 126 50	
6.	160	840	461 5	256 168 152 16	161	632	462 5	254 170 152 18	
7.	143	605	444 5	272 146 140 6	177	715	478 5	272 180 174 6	BM LB 46 P.C.H. & Daisy Ave. S.E. Cor.
	1082	302		278	~~1222~~ 1122	903		278	
					1082	302		278	
				—	40	601	Cm.	556 m.	

JOB NO. ~~0301.02~~ 0382.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W J Yoge

NOTES BY Yoge DATE 9-20-65

INDEXED C. J. GALLI DATE

WEATHER clear

TIME 1:55

NOTES CHKD N/W

INST. NO. 75234

ROD NO. 95 96

DATE OCT 22 '65

F.B. 3748 PG. 47

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM LB 46 TO BM LB 205
BM LB 46							BM LB 46
1.	173 895	474 5	176 / 170 6	139 704	440 5	142 / 136 6	P.C.H. & Daisy Ave. S.E. Cor.
2.	163 525	464 5	171 / 155 16	163 300	464 5	172 / 154 18	T - Bazen
3.	151 233	452 5	176 / 126 22 / 50	144 324	445 5	169 / 118 24 / 51	
4.	182 692	483 5	208 / 156 72 / 52	169 480	470 5	195 / 143 75 / 52	
5.	139 818	440 5	158 / 120 124 / 38	129 848	430 5	148 / 110 127 / 38	
6	146 271	447 5	177 / 115 162 / 62	147 619	448 5	179 / 114 165 / 65	
7.	165 190	466 5	191 / 139 224 / 52	187 608	488 5	210 / 164 230 / 46	BM LB 205 P.C.H. & Pacific Ave N.E. Cor.
	1122.624		276	1081.883		276	
	1081.883					276	
+	40.741	CM				552	M.

F.B. 3748 PG. 48

SURVEY OF Long Beach Precise Level Sw.

SURVEY BY Vogt NOTES Vogt

INDEXED C. J. GALLI DATE

JOB NO. 0882.43

WEATHER clear

TIME 220 PM

NOTES CHKD [illegible]

INST. NO. 75234

ROD NO. 95-96

DATE OCT 22 '65

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES
[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. 0882.43 LB
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. VOGE WEATHER sunny warm INST. NO. 75234
NOTES BY BAZEN DATE 9-21-65 TIME 9:25 ROD NO. 95-96
INDEXED C. J. GALM DATE NOTES CHKD [illegible] DATE OCT 22 65
F.B. 3744 Pg. 47

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM LB-46 TO BM LB-1158
BM LB-46							BM LB-46 Pac. Coast Hwy & Daisy Ave S.E. cor.
1	171 483	472 5	196 146 50	161 305	462 5	186 136 50	
2	134 959	~~434 496~~ 5	158 108 50	130 289	431 5	156 104 52	T Bustrum
			100			102	
3	162 299	463 5	187 136 51	87 068	388 5	114 60 54	
			151			156	
4	243 173	544 5	262 224 38	17 107	318 5	347½ 175½ 34	
			189			190	
5	270 819	571 5	283 257 26	32 350	333 5	45 19 26	
			215			216	
6	275 307	576 5	289 261 28	5~~7~~ 495	358 5	72 42 30	
			243			246	
						243	
BM LB-1158						489	BM LB-1158 Pac. Coast Hwy & L.A. River S.E. cor of bridge.
	1257.040			485.614			
	485.614						
	+771.426	CM					

576 426

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 LB 1158 TO BM LB 46
BMLB1158									BM LB 1158
1	69	120	370 5	83 55 28	286	900	587 5	301 271 30	PACIFIC COAST HWY & L.A. RIVER S.E. COR OF BRIDGE.
2	39	715	340 5	52 26 26	276	324	577 5	289 263 26	
3	15	790	316 5	33 15 18×2 54 36	244	480	545 5	262 226 56 36	π BAZEN
4	96	922	397 5	123 69 90 54	172	340	473 5	172 147 25×2 50	
5	139	630	440 5	165 113 144 52	142	456	443 5	167 117 142 50	
6	167	924	468 5	191 143 196 48	178	185	479 5	204 152 192 52	
	529	101		244	1300	687		244	
								244	
								488	meters
BM LB 46									BM L.B. 46
					+529	101			PACIFIC COAST HWY & DAISY AVE
					−1300	687			S.E. COR.
					−771	586			

F.B. 3748 PG. 50

SURVEY OF Long Beach Precise Level Sw.

SURVEY BY W. Vogue NOTES M Bostrum

INDEXED C. J. GALL DATE

JOB NO. 0882-43

WEATHER Clear INST. NO. 95234

TIME 2:30 ROD NO. 95-96

NOTES CHKD W/W DATE OCT 22 63

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

F.B. 3748 PG. 51

SURVEY BY W. J. VOGE WEATHER sunny & warm INST. NO. 75234

NOTES BY BAZEN DATE 9-21-65 TIME 10:00 ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD. N/W DATE OCT 22 '65

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM LB-1158 TO BM LB-71A
BM LB-1158									BM. L.B.-1158 Pac. Coast Hwy & L.A. River. S.E. Cor. of Bridge.
1	265	575	566 5	291 239 52	114	799	415 5	139 89 50	
2	134	273	435 5	150 118 32 84	181	335	482 5	196 165 31 81 84	⊼ Bustrum
B.M. LB.-71A									
	399	848			296	134		165 M	
	296	134							
diff. in elev.	103	714	Cm						BM LB 71A. Pacific Coast Hwy & L.A. River. S.W. Cor. of Bridge.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB 71A TO BM LB 1158
BM LB 71A									BM LB 71 A PACIFIC COAST HWY & L.A. RIVER S.W. COR of BRIDGE.
1	188	222	489 5	204 172 32	141	365	442 5	157 125 32	
2	125	135	426 5	150 100 50	275	525	576 5	301 249 52	
	313	357		82	416	890		84	
								82	
								166	Meters
					+ 313.357				
					− 416.890				
BM LB 1158					− 103.533				BM LB 1158 PACIFIC COAST HWY & L.A. RIVER S.E. COR of BRIDGE.

F.B. 3748 PG. 52 JOB NO. 088243

SURVEY OF Long Beach Precise Level Sur.

SURVEY BY Vogt NOTES M.B.

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 2:20 ROD NO. 25-96

NOTES CHKD N/A DATE OCT 22 '65

76P526 CE # 308 3-61

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L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM BM. LB-71A TO BM LB-298
BM LB-71A									B.M. L.B.-71A
1	82 948	383 5	108 56	52	231 828	532 5	256 206	50	Pac. Coast Hwy & L.A. River. S.W. cor of bridge
2	11 043	312 5	36 11 1/2	50	296 213	597 5	296 271 1/2	50	⊼ Bustrum
3	41 909	342 5	57 25	102 32	291 951	592 5	291 276 1/2	100 30	
4	17 298	318 5	35 17 1/2	134 36	203 317	504 5	224 182	130 42	
5	128 268	429 5	146 110	170 36	173 575	474 5	191 155	172 36	
				206				208	
B.M. L.B. 298								206	B.M. L.B.-298
	281 366				1196 884			414	Pac. Coast Hwy & Harbor ave. N.E. cor.
					281 366				
diff. in elev. =				—	915 518 CM				

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W. J. VOGE WEATHER Sunny & warm INST. NO. 25234

NOTES BY BAZEN DATE 9-21-65 TIME 10:10 ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD N/W DATE OCT 22 '65

F.B. 3748 PG. 53

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB 298 TO BM LB 71A
BM LB 298									BM LB 298
1	179	020	480 5	197 161 36	131	943	432 5	150 112 38	PACIFIC COAST HWY & HARBOR AVE N.E. COR
2	204	350	505 5	224 184 40 76	20	405	321 5	39 19x2 20 38 76	π BAZEN
3	292	819	593 5	292 277 15x2 30 106	41	457	342 5	57 25 32 108	
4	298	945	579 5	298 273 25x2 50 156	14	554	315 5	40 14 26x2 52 160	
5	244	359	545 5	271 217 54 210	95	647	396 5	119 71 48 208 210	
	1219	493			304	006		418	meters
BM LB 71A					+1219.493 -304.006 +915487		CM.		BM LB 71A PACIFIC COAST HWY & LA. RIVER, S.W. COR OF BRIDGE.

F.B. 3748 PG. 54

SURVEY OF L.B. Precise Level Survey

SURVEY BY Vofe NOTES M. B.

INDEXED C. J. GALLI DATE

JOB NO. 4882.43

WEATHER Clear No. 2 INST. NO. 75838

TIME 2:00 ROD NO. 9596

NOTES CHKD. [illegible] DATE OCT 22 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [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.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM LB-298 TO BM LB-~~46~~ 64
BM LB-298									B.M. L.B.-298
1.	181	642	482 5	204 158 46	142	977	443 5	166 118 48	Pac. Coast Hwy. & Harbor ave. N.E. Cor.
2.	133	873	434 5	160 106 54 100	151	672	452 5	180 122 58 106	⊼ Bustrum.
3.	159	645	460 5	183 135 48 148	156	433	457 5	177 135 42 148	
4.	143	077	444 5	172 114 58 206	119	490	420 5	147 91 56 204	
5	167	602	468 5	183 151 32 238	152	455	453 5	167 137 30 234	
BM LB-~~46~~ 64								238	B.M. LB.- ~~46~~ 64
	785	839			723	027		472	Pac. Coast Hwy & Santa Fe N.E. Cor. (50'± E.)
	723	027							
diff. in elev. =	+ 62	812	C.M.						

JOB NO. ~~0301.02~~ .883.43 SURVEY OF ~~L.A.~~ L.B. CO. PRECISE LEVEL NET

SURVEY BY W. J. VOGE

NOTES BY BAZEN DATE 9-21-65

INDEXED C. J. GALLI DATE

WEATHER Sunny & warm

TIME 10:35

NOTES CHKD [illegible]

INST. NO. 25234

ROD NO. 95 & 96

DATE OCT 22 '65

F.B. 3 74/P.G. 55

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM L.B. 64 TO BM LB 298
BMLB64									BM L.B. 64 PACIFIC COAST HWY & SANTA FE AVE N.E. COR.
1	151	722	452 5	166 136 30	165	400	466 5	180 150 30	
2	123	662	424 5	151 95 56	148	680	449 5	177 119 58	π BAZEN
3	164	440	465 5	186 142 86 ~~44~~ 130	168	711	469 5	191 145 88 46	
4	163	530	464 5	192 134 58	145	310	446 5	172 118 134 54	
5	147	364	448 5	171 123 188 48	185	458	486 5	208 162 188 46	
	~~749~~	~~698~~		236	813	559		234	
	750.	718			750.	718		236	
					62	841	cm.	470	m.
BMLB298									BM L.B. 298 PACIFIC COAST HWY & HARBOR AVE. N.E. COR

F.B. 3748 PG. 56 JOB NO. 8882.43

SURVEY OF LB Precise Level Survey

SURVEY BY Vogt NOTES M. B.

INDEXED C. J. GALLE DATE

WEATHER Cledr Hot INST. NO. 75234

TIME 1:40 ROD NO. 95 96

NOTES CHKD N/W DATE OCT 22 '63

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

Do not extend notes this side of this line.

JOB NO. 0901.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY W. J. Voge DATE 9-21-65 WEATHER Sunny & HOT INST. NO. 25234

NOTES BY BAZEN TIME 11:20 ROD NO. 25-26

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 374 Pg. 57

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. L.B.-46 To B.M. L.B.-283
B.M. LB [illegible]	64								B.M. L.B.-46" Pac. Coast Hwy & Santa Fe Ave. N.E. Cor. (50'± E)
1	167	145	468 5	190 144 46	173	071	474 5	196 150 46	
2	160	758	461 5	188 132 56	196	921	497 5	222 170 52	
				102				98	
3	151	683	452 5	176 126 50	159	037	460 5	185 133 52	
				152				150	
4.	135	705	436 5	159 111 48	175	347	476 5	201 149 52	
				200				202	
								200	
B.M. LB-283									B.M. LB-283
								402	N. Santa Fe Ave. & Gaylord S.E. Cor.
	615.291				704.376				
					615.291				
					89.085	Cm.			

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM LB 283 TO BM LB 64
BM LB 283									BM LB 283 SANTA FE AVE & GAYLORD SE Cor
1	175	612	476 5	200 150 50	136	522	437 5	161 111 50	
2	164	344	465 5	190 138 52	154	881	455 5	179 129 50	
3	204	352	505 5	231 177 54 102	169	737	470 5	196 142 54 100	⊼ J. BALCN
4	185	078	486 5	208 162 46 156 202	179	220	480 5	202 156 46 154 200	
	729.386				640 360			202	
	640.360							402	M.
+	89.026	Cm.							
BM LB 64									BM LB 64 PACIFIC COAST HWY & SANTA FE N.E COR

F.B. 3748 PG. 58

SURVEY OF Long Beach Precise Level Sun

SURVEY BY W. Yoque NOTES M. Bustrum

INDEXED C. J. GALLI DATE

JOB NO. 0882.43

WEATHER Clear Hot INST. NO. 7523K

TIME 1:15 ROD NO. 95-96

NOTES CHKD N/W DATE OCT 22 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [illegible]IS 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BMLB283 TO BMLB82
BM LB283									BM LB283 SANTA FE AVE. & GAYLORD ST. (S.E. COR.)
1	156	103	457 5	182 26 x2 136 52	170	876	471 5	196 144 52	
2	147	106	448 5	172 122 50 102	159	536	460 5	184 134 50 102	π LIEBER
3	126	677	427 5	151 101 50 152	151	949	452 5	176 126 50 152	
4	157	435	458 5	178 136 42 194	177	519	478 5	199 157 42 194	
	587.321				659.880			194	
					587.321			388	m.
				–	72.559	em.			
BM LB82									BM LB82 SANTA FE & ANAHEIM (N.E. COR.)

JOB NO. ~~0301.02~~ 0802.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W. J. Hoge WEATHER Cl/Cdr INST. NO. 75234

NOTES BY M. Bustrum DATE 9-22-65 TIME 9.15 ROD NO. 95-96

INDEXED L. J. [illegible] DATE NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3748 PG. 59

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BMLB82 TO BMLB283
BMLB82									BM LB82 SANTA FE & ANAHEIM N.E. COR.
1	192	079	493 5	213 / 172 41	169	958	470 5	190 / 148 42	
2	149	995	450 5	174 / 124 50 / 91	135	143	436 5	159 / 111 48 / 90	π Leeber
3	162	519	463 5	187 / 137 50 / 141	141	309	442 5	166 / 116 50 / 140	
4	162	440	463 5	187 / 136 51 / 192	148	105	449 5	174 2 / 148 5 1/2 52 / 192 / 192 / 384	
	667.	033			594.	515			
	594.	515							
BMLB 283 +	72.	518	cm.						BM LB 283 SANTA FE & GAYLORD (S.E. COR.)

F.B. 3748 PG. 60

SURVEY OF Long Beach Precise Level Sov.

SURVEY BY Vogel NOTES BAZEN

INDEXED C. J. GALL DATE

JOB NO. 0882.43

WEATHER Sunny & warm INST. NO. 75234

TIME 3:00 ROD NO. 95-96

NOTES CHKD N/W DATE OCT 22 '63

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BMLB82 TO BMLB116
BMLB82									BMLB82 SANTA FE & ANAHEIM (N.E. COR)
1	188	878	489 5	212 / 164 48	163	993	464 5	187 / 139 48	
2	139	733	440 5	166 / 112 54 / 102	160	557	461 5	188 / 132 56 / 104	π LIEBER
3	160	243	461 5	188 / 132 56 / 158	144	857	445 5	172 / 114 58 / 162	
4	125	291	426 5	153 / 97 56 / 214	165	248	466 5	191 / 139 52 / 214	
	614.145				634.655			214	
					614.145			428 M.	
				—	20.510				
BMLB116									BM LB116 ANAHEIM & S.P. R/R (S.E. COR)

JOB NO. ~~0301-02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY [illegible] J. Vogel WEATHER clear INST. NO. 75254

NOTES BY M. BUSTRUM DATE 9-22-65 TIME 9:40 ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3748 PG. 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 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 LB116 TO BM LB82
BM LB116									BM LB116 Anaheim & S.P.R.R. S.E. cor.
1	169 751	470 5	196 / 142	54	135 862	436 5	162 / 108	54	
2	133 653	434 5	162 / 104	58 / 112	142 635	443 5	171 / 114	57 / 111	
3	157 599	458 5	186 / 129	57 / 169	137 080	438 5	164 / 110	56 / 167	
4	159 885	460 5	182 / 136	46 / 215	184 755	485 5	208 / 160	48 / 215	
BM LB-82								215 / 430	BM LB-82 Santa Fe & Anaheim N.E. cor.
	620.888				600 332				
	600.332								
+	20.556 cm								

F.B. 3748 PG. 62

JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Survey

SURVEY BY VOGE NOTES BAZEN

INDEXED C. J. GALLI DATE

WEATHER Sunny & warm INST. NO. 75234

TIME 2:40 ROD NO. 95-96

NOTES CHKD. [illegible] DATE OCT 22 '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 CALLED 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 LB 116 TO BM HD 1070
BM LB 116									BM LB 116
									ANAHEIM & S.P. R/R
1	142	693	443 5	174 111 63	161	999 ~~100~~	462 5	192 130 62	SECOR
2	160	922	461 5	190 130 60 123	145	979	446 5	176 114 62 124	π LIEBER
3	160	328	461 5	186 135 51 174	161	663	462 5	186 136 50 174	
4	146	201	447 5	166 126 40 214	43	230	344 5	63 23 40 214	
	610.144				512.871			214	
	512.871							428	
BM HD 1070	+97.273								BM HD 1070 WELL # UP 101 D

JOB NO. ~~0301.02~~ 0382.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W. J. Voge WEATHER Clear INST. NO 75238

NOTES BY M. Bustrum DATE 9-22-65 TIME 10:10 ROD NO 95-96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3748 PG. 63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM BM HD 1070 TO BM LB 116
BM HD 1070									BM HD 1070
									Well # UP 101 D
1	45 970	346 5	65 25	40	148 812	449 5	168 127	41	
2	163 223	464 5	188 138	50	162 475	463 5	188 136	52	
				90				93	
3	149 899	450 5	179 118	61	159 988	460 5	190 129	61	⊼ Lieber
				151				154	
4	160 042	461 5	190 128	62	145 031	446 5	176 113	63	
				213				217	
BM LB-116								213	B.M. LB-116
								430	ANAHEIM & S.P.R.R.
	519 134				616.306				S.E. cor.
					519.134				
				-	97.172	cm.			

F.B. 3748 PG. 64 JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Survey

SURVEY BY Vogc NOTES BAZEN

INDEXED C. J. GATTI DATE

WEATHER Sunny & warm INST. NO. 95234

TIME 2:15 ROD NO. 95-96

NOTES CHKD N/W DATE OCT 22 '65

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 CANCELED 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 HD 1070 TO BM HD 1704
BM HD 1070									BM HD 1070 WELL # U.P 101 D
1	41	581	342 5	71 11 60	155	933	456 5	186 124 60	π LIEBER
2	120	121	421 5	150 90 60 120	139	180	440 5	170 108 62 122	
3	157	911	458 5	187 128 59 179	88	232	389 5	117 59 58 180	
4	199	879	500 5	223 174 49 228	149	875	450 5	173 124 49 229	
	519.492				533.220			228	
					519.492			457	
BM HD 1704				—	13.728				BM HD 1704 WELL # EU 1 C

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET
SURVEY BY W J Vogel WEATHER clear INST. NO. 75234
NOTES BY M Bustrum DATE 9-22-65 TIME 10:45 - ROD NO. 95-96
INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3748 PG. 65

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM BM HD1704 TO BM HD1070
BM HD1704	162 515	463 5	186 138	48	211 240	512 5	234 188	46	BM HD1704 WELL # EU 1C
1	~~162 320~~	~~463 5~~	~~188 136~~	~~52~~	~~211 004~~	~~512 5~~	~~231 190~~	~~41~~	
2	92 281	393 5	121 63	58	170 712	471 5	199 141	58	
3	149 ~~818~~ 930	450 5	179 118	106 61	123 128	424 5	153 93	104 60	π LIEBER
4	159 855	460 5	189 130	167 59	45 583	346 5	75 15	164 60	
				226				224 226	
	564.581				550.663			450	M.
	550.663								
+	13.918	Cm							
BM HD1070									BM HD 1070 WELL # U.P. 101 D

F.B. 3748 PG. 66

JOB NO. 0882.43

SURVEY OF L.B. Precise Level Survey

SURVEY BY VOGE NOTES BAZEN

INDEXED J. GALLI DATE

WEATHER Sunny & warm INST. NO. 75234

TIME 1:45 ROD NO. 95-96

NOTES CHKD. [illegible] DATE OCT 22 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]: ANY ADDITIONS OR CHANGES [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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BMHD1704 TO BMHD 1522
BMHD1704									BM HD 1704 WELL # EU 1C
1	138	976	439 5	167 109 58	167	798	468 5	196 138 58	
2	126	125	427 5	153 99 54 112	142	810	443 5	169 115 54 112	π LIEBER
3	140	775	441 5	153 127 26 138	162	629	463 5	175 149 26 138	
4	~~405~~ 405	~~896~~ 876			473 ~~405~~ ~~94~~ ~~68~~ 405	237 ~~876~~ ~~341~~ ~~341~~ 876		138 276	
BMHD1522					67	361			BM HD 1522 ? WELL # UP44C

JOB NO. ~~0301.02~~ 0882.93 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W J Voge

NOTES BY M BUSTRUM DATE 9-22-65

INDEXED C. J. GALLI DATE

WEATHER Clear

TIME 11:10

NOTES CHKD N/W

INST. NO. 75234

ROD NO. 95-96

DATE OCT 22 '65

F.B. 3748 PG. 67

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM HD 1522 TO BM HD 1704
BM HD-1522									B.M. H.D. 1522 well # UP 44C
1	168	240	469 5	182 154 28	146	251	447 5	159 133 26	
2	171	359	472 5	198 144 54 82	154	490	455 5	181 127 54 80	
3	176	939	477 5	206 147 59 141	148	363	449 5	177 119 58 138 141	
BM H.D. 1704									B.M. H.D. 1704
	516	538			449	104		279 m.	Well # EU-1-C
	449	104							
diff. in elev. =	+ 67	434	cm.						

T LEIBER

F.B. 3748 PG. 68

JOB NO. D 882.43

SURVEY OF L.B. Precise Level Survey

SURVEY BY VOGE NOTES BAZEN

INDEXED C. J. CALIF DATE

WEATHER Warm INST. NO. 75234

TIME 1:35 ROD NO. 95-96

NOTES CHKD N/W DATE OCT 22 '69

sunny & warm

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

M[illegible]: ANY ADDITIONS OR CHANGES [illegible] IS 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM HD 1522 TO BM HD 1621
BM HD 1522									BM HD 1522 Well # U.P 44 C
1	182	963	483 5	212 152 60	156	163	457 5	285 127 59	
2	133	473	434 5	159 107 52	142	242	443 5	168 116 52	⊼ LIEBER
3	154	932	455 5	160 148 12 112 124	147	729	448 5	153 142 11 111 122	
	471	368 ✓			446	134 ✓		124	
	446.	134 ✓						246	Meters
+	25.	234 CM.							
BM HD ~~1621~~ 1521									BM HD ~~1621~~ 1521 L.E.D. 9-14-66 WELL # UP 63 C

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

SURVEY BY W. J. Vogel

NOTES BY M Bostrum DATE 9-22-65

INDEXED C. J. GALLI DATE

WEATHER Clear

TIME 11:25

NOTES CHKD N/W

INST. NO. 75234

ROD NO. 95-96

DATE OCT 22 '65

F.B. 3748 Pg. 69

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM HD ~~1621~~ 1521 TO BM HD 1522
BM HD ~~1621~~ 1521									BM HD ~~1621~~ 1521 WELL # U P. 63C
1	152	368	453 5	177 127 50	145	693	446 5	171 122 49	
2	153	760	454 5	182 124 58	185	610	486 5	216 155 61	
				108				110	
BM. HD.-1522								108	B.M. HD.-1522
					331	303		218	Well # UP 44C
	306.	128			306.	128			
					25.	175	C.M.		

⊼ Lieber

F.B. 3788 PG. 70 JOB NO. C882.43

SURVEY OF Long Beach Precise Level Str.

SURVEY BY VOGE NOTES BAZEN

INDEXED G. J. GALLI DATE

WEATHER Sunny & Warm INST. NO. 152 38

TIME 1:30 ROD NO. 9596

NOTES CHKD [illegible] DATE OCT 22 65

76P526 CE # 308 3-61

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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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM HD ~~1621~~ 1521 TO BM HD 1640
BM HD ~~1621~~ 1521									BM HD ~~1621~~ 1521 WELL # UP 63 C
1	121	112	422 5	150 92 58	127	577	428 5	157 98 59	
									π LIEBER
2	167	199	468 5	195 139 56	147	431	448 5	176 119 57	
				114				116	
3	147	130	448 5	168 126 42	146	979	447 5	166 126 40	
	435	441		156	421	987		156	
	421	987						156	
	+ 13.454 cm							312 m.	
BM HD 1640									BM HD 1640 WELL # UP 21 B

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W. J. Vogel WEATHER clear INST. NO. 75234

NOTES BY M. Bustrum DATE 9-22-65 TIME 11:40 ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE Oct 22 '65

F.B. 3748 PG. 71

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3748 PG. 72 JOB NO. 8802, 43

SURVEY OF Long Beach Precise Level Sur.

SURVEY BY Lee GREEN NOTES

INDEXED C. J. GALL DATE

WEATHER Sunny INST. NO. 75234

TIME 1:15 ROD NO. 25-26

NOTES CHKD C/W DATE OCT 22 '65

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM HD-1640 TO BM HD ~~1627~~ 1521
BM. HD-1640							BM HD-1640
							Well # UP 21 B
1	149 909	4505	169 / 129 40	150 152	4515	171 / 129 42	
2	146 716	4475	174 / 117 57	165 272	4665	192 / 137 55	
						97	
3	132 074	4335	162 / 102 60	126 583	4275	155 / 97 58	
			157			155	
						157	BM HD-~~1627~~ 1521 R.E.Q. 9-14-66
BM HD. ~~1627~~ 1521						312	Well # UP 63C
	428.699			142.007			
				428.699			
			—	13.308 cm			↑ Lieber

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM BM H.D-1640 TO BM R-766 USC & GS.
BM. HD-1640									BM HD-1640 Well UP-21B
1	161 677	462 5	186 137	49	165 700	466 5	190 140	50	
2	168 359	469 5	198 138	60	172 803	473 5	204 139	65	
				109				115	
3	129 699	430 5	146 112	34	94 728	395 5	110 78	32	
				143				147	
BM R-766 (USC & GS)								143	BM R-766 (USC & GS)
	459 735				433 231			290	ANAHEIM ST. & Domig. ch. N.E. cor of E. ramp.
	433 231								
	+ 26 504 cm								
									⊼ Bustrum

JOB NO. ~~0301.02~~ 0882.47 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W. J. VOGE

NOTES BY BAZEN DATE 9-23-65

INDEXED C. J. GALLI DATE

WEATHER overcast INST. NO. 75234

TIME 8:50 ROD NO. 95-96

NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3748 Pg. 73

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM R-766 TO BM HD-1640
BM. R-766	(USC&GS)								BM R-766 (USC&GS)
1.	108	348	409 5	124 92 32	141	914	442 5	157 125 32	Anaheim & Doming. ch. N.E. Cor of E. ramp.
2.	173	002	474 5	204 142 62	169	722	470 5	201 137 64	⊼ Bazen.
3.	160	460	461 5	185 135 94 50	156	640	457 5	180 132 96 48	
	441.	810		144	468.	276		144	
					441.	810		144	
					26.	466		288	
BM. HD1640									BM. H.D. 1640 Well UP. 21B.

F.B. 3748 PG. 74 JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Survey

SURVEY BY Voye NOTES V.L.

INDEXED C. + CALLI DATE

WEATHER Clear INST. NO. 25234

TIME 2:30 ROD NO. 95-96

NOTES CHKD [illegible] DATE OCT 22 '65

76P526 CE # 308 3-61

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

[illegible]E: ANY ADDITIONS OR CHANGES
HIS 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. 0501.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. VOGEL WEATHER Overcast INST. NO 75234
NOTES BY BAGEN DATE 9-23-65 TIME 9:10 ROD NO 95-98
INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3749 Pg. 75

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM R-766 (USC & GS) TO BM H-97 (USC & GS)
BM R-766							BM R-766 (USC & GS) ANAHEIM ST. & DOMIG. CH.
1	198 698	499 5	210 186 24	62699	3635	74 50 24	N.E. Cor. of E. ramp.
2	241 433	542 5	253 229 24 48	68992	3695	79 57 22 46	
3	253 151	554 5	265 241 24 72	56807	3575	68 44 24 70	
4	268 041	570 5	283 255 28 100	61910	3625	77 45 32 102	T Bustrum
5.	160 535	461 5	188 132 56 156	184111	4855	212 156 56 158	
6.	52 841	353 5	67 37 30 186	275152	5765	290 260 30 188	
7.	29 473	330 5	43 15 28 214	269765	5705	284 254 30 218	
8.	38209	339 5	53 23 30 244 ✓	256403	5575	269 243 26 244 ✓	
						244 ✓	
BM H-97						488 ✓	B.M. H-97 (USC & GS) Anaheim & Domig. ch. S.W. cor. of W. ramp.
	1243.381 ✓			1235.839 ✓			
	1235.839 ✓						
+	7.542 ✓ cm.						

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM H-97 TO BM R-766
B.M. H-97 (USC&GS)									BM H-97 (USC&GS) Anaheim & Doming.
1	264	423	565 5	278 250 28	46	352	347 5	60 32 28	Ch. S.W. Cor of W. ramp
2	266	082	567 5	280 252 28	25	857	326 5	40 10 30	⊼ Bazen.
3	276	895	577 5	292 260 32 58	54	425	355 5	69 39 30 58	
4	190	110	491 5	219 161 58 88	165	982	466 5	194 136 58 88	
5	67	622	368 5	83 51 32 146	274	888	575 5	289 259 30 146	
6	66	065	367 5	78 54 24 178	261	611	562 5	273 249 24 178	
~~7~~	~~[illegible]~~		~~[illegible]~~	~~[illegible]~~	~~[illegible]~~		~~[illegible]~~	~~[illegible]~~	
7	70	515	371 5	82 58 24 ~~218~~	243	814	544 5	255 231 24 ~~216~~	
8.	68	010	369 5	79 57 22 216	204	135	505 5	216 192 24 214	
	1269.722			248	1277.064			248	
BH.R-766					1269.722			~~248~~	BH.R-766 (USC&GS)
					7.342			496	Anaheim St & Dominguez Ch N.E. Cor E. Ramp.

F.B. 3748 PG. 76 JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Survey

SURVEY BY Vogel NOTES

INDEXED C. J. GALLE DATE

WEATHER Clear INST. NO. 25234

TIME 2:05 ROD NO. 95-96

NOTES CHKD. [illegible] DATE OCT 22 '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 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 H-97 (USC & GS) TO BM B-51 (USC GS)
BM.-H-97 (USC & GS.)									BM H-97 (USC & GS.) Anaheim & Doming. Ch. S.W. Cor. of W. Ramp.
1	90	531	391 5	119 61 58	133	047	434 5	163 105 58	
2	176	962	477 5	210 142 68	103	565	404 5	138 68 70	
				126				128	
3	185	191	486 5	217 153 64	134	011	435 5	166 102 64	⊼ Bustrum
				190				192	
4.	150	421	451 5	17[illegible] 12[illegible] 5[illegible]	101	357	402 5	125 77 48	
								240	
BM. B-51 (USC & GS.)				242				242	B.M. B-51 (USC & G.S.) Anaheim & Alameda. N.W. Cor.
								482	
	603.105				471.980				
	471.980								
+	131.125	CM.							

JOB NO. ~~0301.02~~ 88243 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W. J. VOGE

NOTES BY BAZEN DATE 9-23-65

INDEXED C. J. GALLI DATE

WEATHER overcast INST. NO. 75234

TIME 9:35 ROD NO. 95-96

NOTES CHKD n/w DATE OCT 22 '65

F.B. 3748 Pg. 77

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 B-51 TO BM H-97
BM B-51 (USC & GS)									BM B-51 (USC & GS) Anaheim & Alameda N.W. COR.
1.	100	505	401 5	125 75 50	149	450	450 5	174 124 50	
2	136	999	437 5	168 104 64	188	815	489 5	220 156 64	T Bazen.
3	113	999	414 5	147 79 68	204	850	505 5	232 171 66	
4.	150	185	451 5	178 122 56	89	635	390 5	118 60 58	
	501.	688		~~228~~ 238	632.	750		~~228~~ 238	
					501.	688		238	
					131.	062		476	
BM H 97									BM H-97 (USC & G.S) Anaheim St. & Dominguez Channel S.W. Cor of W. Ramp.

WEATHER Clear INST. NO. 75234

TIME 1:45 ROD NO. 95-96

NOTES CHKD. [illegible] DATE OCT 22 '65

F.B. 3748 PG. 78 JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Survey

SURVEY BY Vogel NOTES V.L.

INDEXED C. J. GALL DATE

76P526 CE # 308 3-61

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

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR CHILLED 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 B-51 TO BM. H-766
B.M. B-51	(USC & G.S.)								BM. B-51 (USC & G.S.) Anaheim St. & Alameda N.W. Cor.
1	126 668	427 5	159 93	66	170 849	471 5	203 137	66	
2	155 373	456 5	186 124	62	162 593	463 5	192 132	60	
				128				126	
3	150 861	451 5	180 120	60	140 711	441 5	170 109	61	
				188				187	
4	170 513	471 5	199 141	58	148 783	449 5	177 119	58	
				246				245	
5.	156 723	457 5	186 126	60	139 893	440 5	169 109	60	
				306				305	
6.	170 639	471 5	200 140	60	132 311	433 5	163 101	62	
				366				367	
7.	150 819	451 5	169 131	38	153 708	454 5	172 134	38	
				404				405	
8.	164 547	465 5	169 159	10	30 863	— 5	35 25	10	
				414	(stee	Tape)		415	
B.M. H-766								414	B.M. H-766 (USC & G.S.) (Vertical Bench) Anaheim & McFarland. disk in E. side of Sante Fe R.R. bldg. on N. side of Anaheim
								829	
	1246.143				1079.711				
	1079.711								
+	166.432	cm.							

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A.~~ LB CO. PRECISE LEVEL NET

SURVEY BY W.J. YOGE WEATHER Sunny & cool INST. NO. 75234

NOTES BY BAZEN DATE 9-23-65 TIME 10:10 ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD N/W DATE OCT 22 '65

F.B. 3748 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.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM-H-766 TO BM B-51
B.M. H-766 US									BM H-766 (USC&GS) Anaheim St & McFarland. Disc. in A.T. & S.Fe. Build. E. Wall.
1	34	897		34 29 10	168	702	469 5	173 163 10	
2	157	285	458 5	176 138 38	154	467	455 5	173 135 38	
3	133	372	434 5	164 102 48 62	171	715	472 5	202 140 48 62	T Bazen.
4	145	480	446 5	176 114 110 62	162	122	463 5	192 132 110 60	
5	151	710	452 5	180 122 172 68	173	510	474 5	202 144 170 58	
6	144	375	445 5	175 113 230 62	154	700	455 5	183 125 228 58	
7	164	288	465 5	194 134 292 60	156	544	457 5	188 124 286 64	
8	174	190	475 5	206 142 352 64	129	884	430 5	162 96 350 66	
	1,105.597			416	1271644			416	
					1105597			416	
								832	METERS
BM. B-51					-166.047 CM				BM. B-51 USC&G Anaheim St & Alameda St. N.W. Cor.

F.B. 3748 PG. 80 JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Survey

SURVEY BY Vogel NOTES V.L.

INDEXED G. J. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 1:10 ROD NO. 95-96

NOTES CHKD [illegible] DATE OCT 22 69

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM H766 TO BM B-51
BM H 766									BM H 766 (U.S.C&G.S.) ANAHEIM ST & McFARLAND. Vert. DISK IN AT&SF BUILDING (E. WALL)
1	34	940	STEEL TAPE	39 29 10	168	490	469 5	173 163 10	
2	154	392	455 5	189 119 70 80	177	030	478 5	212 142 70 80	
3	129	625	430 5	172 86 86 166	158	270	459 5	201 115 86 166	re run
4	139	291	440 5	189 89 100 266	179	910	480 5	231 127 104 270	(back)
5	172	606	473 5	209 135 74 340	141	845	442 5	176 106 70 340	
6	169	550	470 5	204 134 70 410	140	920	441 5	175 105 70 410	
	800	404			−966	465		410	
7					+800	404		820	meters
					−166.061				
BM B-51									BM B-51 U.S.C&G.S ANAHEIM ST. & ALAMEDA ST. N.W. COR.

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W.J. Voge

NOTES BY M. Bus Trum DATE 9-27-65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 175734

TIME 2:20 ROD NO. 95-96

NOTES CHKD N/W DATE OCT 22 '65

F.B. 3748 Pg. 81

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM B51 TO BM H-766
BM B51									BM B51 U.S.C.&G.S. ANAHEIM & ALAMEDA N. W. COR.
1	140	310	441 5	175 105 70	169	505	470 5	204 134 70	
2	141	312	442 5	176 106 70	171	525	472 5	208 134 74	
3	177	910	478 5	229 125 104 140	137	390	438 5	187 87 100 144	π BAZEN
4	158	010	459 5	201 115 86 244	130	535	431 5	173 87 86 244	Re Run (forward)
5	176	000	477 5	212 140 72 330	149	363	450 5	185 113 72 330	
6	165	564	466 5	169 161 8 402	34	878	5	38 30 8 402	
	+ 959	106		410	793	196	steel Tape	410	
	- 793	196						410	
	165	910						820	meters
BM H-766									BM H-766 U.S.C.&G.S. ANAHEIM ST. & MC-FARLAND. Vertical Disc set in E wall of A.T.&S.F. Building

WEATHER overcast INST. NO. 75234

TIME 3:00 ROD NO. 95-96

NOTES CHKD [illegible] DATE OCT 22 '65

JOB NO. 0E8243

SURVEY OF LB Precise Level Sur.

SURVEY BY Vogue NOTES M. Bustrum

INDEXED L. J. GALLI DATE

F.B. 3748 PG. 82

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

Do not extend notes this side of this line.

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET
SURVEY BY W.J. YOGE
NOTES BY BAZEN DATE 9-23-65
INDEXED C. J. GALLI DATE
WEATHER Sunny & warm INST. NO. 75234
TIME 11:00 ROD NO. 95-96
NOTES CHKD [illegible] DATE OCT 22 '65
F.B. 374 Pg. 83

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM H-766 TO B.M.
BM. H-766 (USC & G.S.)									B.M. H-766 (USC & G.S.) (Vertical Bench)
1	30	083	(Steel / Tape)	35 / 25 10	157	293	458 5	162 / 152 10	Anaheim & McFarland disk in east side of Santa Fe R.R. Bldg. on N. side of Anaheim.
2	168	821	469 5	189 / 147 42 / 52	140	759	441 5	163 / 117 46 / 56	
3	168	801	469 5	198 / 138 60 / 112	143	853	444 5	174 / 112 62 / 118	
4.	170	709	471 5	201 / 139 62 / 174	128	912	429 5	155 / 101 54 / 172	
5.	153	911	454 5	184 / 122 62 / 236	133	358	434 5	165 / 101 64 / 236	
6.	165	183	464 5	194 / 136 58 / 294	114	149	415 5	143 / 85 58 / ~~302~~	
7	188	867	489 5	219 / 157 62 / 356	120	833	421 5	152 / 88 294 / 64 / 358	
8.	174	613	475 5	206 / 142 64 / 420	141	613	442 5	173 / 109 64 / 422	
BM.								420	B.M.
								842	M. Anaheim & AVOLON. N.W. Cor. 4.8 W of N. end curb ret. fd. a sq. Spk. in lead in top of Curb
	1220.988				1080.770				
	1080.770								
+	140 218	CM							

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LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F.B. 3748 Pg. 84 — JOB NO. 2882.43 — DATE 11-6-

SURVEY OF Long Beach Precise Level Survey — NOTES —

SURVEY BY Noble

INDEXED C. J. GALLI — DATE —

WEATHER Cloudy — INST. NO. 75234

TIME [illegible] — ROD NO. 85-96

NOTES CHKD [illegible] — DATE 11 22 65

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM TO BM
BM							BM. Anaheim St & Arolon Blvd N.W. Cor.
1.	142 565	443 5	179 / 116 64	176 151	447 5	207 / 145 62	
2.	120 458	421 5	152 / 88 64	169 973	470 5	198 / 140 58	T Bustrum:
3	92 957	393 5	122 128 / 62 60 188	162 178	463 5	184 120 / 130 64	
4	134 298	435 5	166 / 102 64	158 804	459 5	189 184 / 127 62	
5	128 803	424 5	154 252 / 101 53	166 343	467 5	196 246 / 135 61	
6	141 131	442 5	172 305 / 110 62	165 243	466 5	196 307 / 134 62	
7	137 715	438 5	160 367 / 114 46	166 341	467 5	188 369 / 144 44	
8	160 573	461 5	165 413 / 155 10 423	33 492	steel tape	38 413 / 28 10 423	
						423	
						846 M.	
BM H-766	1058.500			1198.530			BM H 766 Anaheim St. & MacCarland. Disc. IN Side of A.T.&S.Fe. R.R. Building.
				1058.500			
				— 140.030		cm.	

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 COLLED 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 "A" TO BM "B"
BM									BM ANAHEIM & AVALON N.W. COR.
1	154	245	455 5	183 125 58	151	500	452 5	180 122 58	
2	156	228	457 5	188 124 64 122	153	350	454 5	187 119 68 126	π BAZEN
3	188	925	489 5	224 152 72 194	119	658	420 5	153 85 68 194	
4	165	844	466 5	184 146 38 232	129	280	430 5	148 110 38 232	
	665.242				553.788			232	
	553.788							232	
	+ 111.454 Cm.							464 M.	
BM									BM ANAHEIM & LAGOON AVE. N.E COR. 10.5' N. of N. end curb ret. fd. a cut spk. in S. end of conc. catch basin

JOB NO. ~~0801.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY M Bustrum DATE 9-23-65 WEATHER clear INST. NO. 75234

NOTES BY C. J. GALLI DATE TIME 1:10 ROD NO. 95-96

INDEXED DATE NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3748 Pg 85

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. TO BM.
BM.							BM. Anaheim St & Lagoon Ave N.E. Cor
1.	137 273	438 5	156 118 38	173 868	474 5	192 154 38	
2.	114 ~~140~~ 081	415 5	148 80 68	183 527	484 5	218 148 70	Bastrum. T
3.	146 209	447 5	182 110 106 72	149 209	450 5	180 118 108 62	
4.	151 321	452 5	178 ~~124~~ 170 54	153 695	454 5	184 122 170 62	
	548.884		232	660.299		232	
				548.884		232	
				~~111.415~~		46+ M	
BM.				111.415 Cm			BM. Anaheim St & Avalon Blvd N.W. Cor.

F.B. 3748 PG. 86

JOB NO. 0882-43

SURVEY OF L.B. Precise L

SURVEY BY Vogel NOTES V.L.

INDEXED L. J. GALLI DATE

WEATHER Cloudy INST. NO. 75234

TIME 2:50 ROD NO. 95-96

NOTES CHKD N/W DATE Oct 22 '63

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 COLLED 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 "B" TO BM "C"
BM									BM ANAHEIM & LAGOON AVE N.E. COR
1	159	152	460 5	189 / 129 60	171	781	472 5	200 / 142 58	
2	157	210	458 5	187 / 127 60 / 120	138	420	439 5	169 / 107 62 / 120	
3	178	412	479 5	209 / 147 62 / 182	154	075	455 5	185 / 123 62 / 182	
4	186	610	487 5	216 / 156 60 / 242	140	320	441 5	170 / 110 60 / 242	
5	179	152	480 5	202 / 156 46 / 288	137	326	438 5	160 / 114 46 / 288	
6	175	875	476 5	190 / 160 30 / 318	158	358	459 5	174 / 144 30 / 318	
	1036.411				900.280			318	
	900.280							636	M
BM +	136.131	CM							BM ANAHEIM ST. & WILMINGTON Blvd. S.W. COR., 4° S. of S. end curb ret., fd. a wire spk. in lead in top of curb, flush.

JOB NO. ~~0801.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY

NOTES BY M Bustrum DATE 9-23-65 WEATHER clear INST. NO. 45234

INDEXED C. J. GALLI DATE TIME 1:40 ROD NO. 95-96

NOTES CHKD N/W DATE OCT 22 '65

F.B. 3748 Pg. 87

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM. TO BM.
BM.									BM. Anaheim & Wilmington S.W. Cor.
1	153	311	454 5	168 / 138 30	170	708	471 5	185 / 155 30	
2	129	111	430 5	152 / 106 46	171	189	472 5	193 / 149 44	
3	135	419	436 5	165 / 105 76 / 60	180	791	481 5	210 / 150 74 / 60	π Bustrum
4	146	378	447 5	171 / 115 136 / 62	172	175	473 5	203 / 141 134 / 62	
5	132	161	433 5	162 / 102 198 / 60	150	161	451 5	181 / 119 196 / 62	
6	162	183	463 5	191 / 133 258 / 58	149	807	450 5	179 / 119 258 / 60	
				316				318	
BM.	858.563				994.831			316	
					858.563			634	BM. Anaheim St & Lagoon Ave. N.E. Cor.
				—	136.268	cm.			

F.B. 3748 PG. 88

SURVEY OF LB. Precise Level Survey

SURVEY BY Vogel NOTES V.L.

INDEXED C. I. GALLI DATE

JOB NO. 0882-43

WEATHER Cloudy INST. NO. 3284

TIME 9:20 ROD NO. 95-96

NOTES CHKD. [illegible] DATE OCT 22 63

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR C LED 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 "C" TO BM "D"
BM									BM ANAHEIM ST. & WILMINGTON BLVD
1	175	712	476 5	181 169 12	144	009	445 5	150 138 12	
2	190	500	491 5	219 161 58 70	122	594	423 5	153 95 58 70	π BAZEN
3	194	100	495 5	224 164 60 130	132	095	433 5	163 101 62 132	
4	194	850	495 5	226 162 64 194	87	252	388 5	118 56 62 194	
5	174	000	475 5	198 150 48 242	169	400	470 5	193 145 48 242	
	929.162				655.350			242	
	655.350							484 M.	
BM + 2	73.812 CM								BM ANAHEIM ST. & FIGUEROA ST. (NE. COR.) 5° N. of N. end curb ret. fd. a wire spk. in lead in top of curb, flush.

24-[illegible]

JOB NO. ~~0301-02~~ 08243 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY Vone

NOTES BY M. Bustrum DATE 9-23-65

INDEXED C. J. GAULT DATE

WEATHER Clear

TIME 2:20

NOTES CHKD [illegible]

INST. NO. 75238

ROD NO. 95-96

DATE OCT 22 '65

F.B. 3748 Pg. 89

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM. TO BM.
BM.									BM.
1	162	713	463 5	187 137 50	167	160	468 5	190 144 46	Figueroa & Anaheim St. N. E. Cor.
2	84	018	385 5	115 53 62	191	827	492 5	223 159 64	
3	118	143	419 5	148 88 112 60	180	143	481 5	211 149 110 62	
4	118	475	419 5	149 87 172 62	175	983	476 5	204 146 172 58	
5	109	655	410 5	115 103 234 12	152	003	453 5	159 145 230 14	
	593.004			246	867.116			244	
BM.					593.004			246	Meters.
					-274.112 Cm			490	BM. Anaheim St & Wilmington Blvd. S. W. Cor.

F.B. 3748 PG. 90 JOB NO. 0882.43

SURVEY OF L.B. Precise Level Survey

SURVEY BY Vogel NOTES VL.

INDEXED C. J. GALLE DATE

WEATHER Cloudy INST. NO. 75234

TIME 8:55 ROD NO. 95-96

NOTES CHKD N/W DATE OCT 22 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 CANCELED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 065243 SURVEY OF [illegible] PRECISE LEVEL NET
SURVEY BY W. T. Voge DATE 9-27-65 WEATHER Overcast INST. NO. 75234
NOTES BY W. T. Voge DATE 9-27-65 TIME 1:25- ROD NO. 95-96
INDEXED C. J. GALLE DATE [illegible] NOTES CHKD [illegible] DATE OCT 22 65
F.B. 3794 Pg. 91

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM "C" TO BM "D"
BM									BM "C" Anaheim St. & Wilmington Blvd. S.W. cor.
1.	227	114	528	5 257 / 197 60	119	390	420	5 149 / 89 60	
2.	187	999	488	5 225 / 149 76 / 136	116	837	417	5 155 / 77 78 / 138	T BAZEN
3.	199	830	500	5 234 / 164 70 / 206	115	094	416	5 149 / 81 68 / 206	(Reverse)
4.	177	840	478	5 196 / 158 38 / 244	167	425	468	5 184 / 150 34 / 240 / 244	
	792 783				518	746			484 Meters
	518 746								
	274.037								
BM									BM "D" ANAHEIM ST. & FIGUEROA N.E. COR.

F.B. 3748 PG. 92 JOB NO 0882.43

SURVEY OF Long Beach Precise Level Survey.

SURVEY BY _____ 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

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 24-02670 "D" TO BM 24-03790
BM.									BM
1	205	188	506 5	236 / 174 62	159	790	460 5	190 / 128 62	ANAHEIM & FIGUEROA N.E. Cor.
2	111	208	412 5	134 / 88 46 / 108	210	063	511 5	232 / 188 44 / 106	
3	39	260	340 5	49 / 29 20 / 128	264	000	565 5	274 / 254 20 / 126	
4	40	850	341 5	53 / 27 26 / 154	277	915	578 5	292 / 262 30 / 156	
5	99	988	400 5	107 / 91 16 / 170	132	370	433 5	138 / 126 12 / 168	⊼ Bustrum
~~6~~									
6	218	395	519 5	266 / 170 96 / 266	13	322	314 5	622 1/2 / 133 1/2 98 / 266	
7	236	597	537 5	275 / 197 78 / 344	53	935	354 5	91 / 15 76 / 342	
B.M. L.A. CITY 24-03790								344	B.M. L.A. CITY 24-03790 Anaheim & entrance to union (76) refinery S.W. cor. (5' w. of w. end. C.R. spk in curb.)
	951.486				1111.395			686	
					951.486				
					159.909				

JOB NO. ~~0001.02~~ 0082.03 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W. J. VOGE

NOTES BY BAZEN DATE 9-27-65 WEATHER Cool INST. NO. 75234

INDEXED C. J. GALLI DATE TIME 8:45 ROD NO. 95-96

NOTES CHKD. [illegible] DATE OCT 22 '65

F.B. 3748 PG 93

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 73239 ROD NO. 55-96 DATE OCT 22 '65

WEATHER Overcast TIME 11:25 NOTES CHKD. Sunny DATE

SURVEY OF Long Beach Precise Lev. Sec. 11 BY USGS NOTES CO. Bustamante DATE

INDEXED C. J. GALLI

F.B. 3748 PG. 94 JOB NO. 088293

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.		LEFT.	STADIA	RIGHT MIC.		LEFT.	STADIA	FROM BM L.A. City 24-03790 TO BM
BM L.A. City 24-03790									BM L.A. CITY 24-03790 ANAHEIM & ENTRANCE TO UNION (76) REFINERY S.W. COR (5' W. OF W END. C. R.) A SPK IN C.B. T BAZEN
1	55	128	356 5	98 16 78	237	585	538 5	275 199 76	
2	13	902	314 5	63 50x2 13 100 178	218	999	519 5	266 170 96 192	
3	130	878	431 5	136 124 12 190	94	240	395 5	102 86 16 188	
4	269	400	570 5	282 256 26 216	35	710	336 5	47 23 24 212	
5	258	295	559 5	267 249 18 234	54	541	355 5	65 43 22 234	
6	235	347	536 5	257 213 44 278	115	714	416 5	137 93 44 278	
7	158	064	459 5	189 127 62 340	204	010	505 5	235 173 62 340	
								340	
	1121.014				[redacted]			680	
	~~[redacted]~~				960.799				
	~~160.431~~								
BM									BM ANAHEIM & FIGUEROA N.E. COR
	1121014								
	960.799								
	160.215			Alice					

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
B.M. L.A. CITY 24-03790									BM L.A. CITY 24-03790
1	237	617	538 5	278 / 196 82	58	232	359 5	100 / 16 84	Anaheim st. & entrance To Union oil refinery S.W. Cor. (5' W. of W. end C.R., spk. in curb.)
2	201	159	502 5	229 / 173 56	72	291	373 5	100 / 44 56	
				138				140	
3.	152	902	453 5	170 / 134 36	98	901	399 5	115 / 81 34	
				174				174	
	591.	678			229.	424		174	
	229.	424						348	M.
B.M. L.A. CITY 24-03750	+362.	254	CM.						B.M. L.A. CITY 24-~~30~~03750 Anaheim st. cut spk. in conc. H. Wall, 1000' ± W. of entrance to Union oil Refinery, & on S. side of Anaheim.
									⊼ Bustrum

JOB NO. ~~0301.02~~ 0882.03 SURVEY OF ~~L.A.~~ LB CO. PRECISE LEVEL NET
SURVEY BY W. J. VOGE
NOTES BY BAZEN DATE 9-27-65
INDEXED C. J. GALLI DATE
WEATHER overcast INST. NO. 75234
TIME 9:15 ROD NO. 95 & 96
NOTES CHKD [illegible] DATE 11 22 '65
F.B. 3748 PG. 95

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM L.A. CITY 24-03750 TO BM L.A. CITY 24-03790
BM. L.A. 24-03750									BM. L.A. CITY 24-03750 Anaheim st. on S. side, cut spk in conc H. wall 1000'± W. of entr. to union oil refinery.
1	100	795	401 5	117 83 34	154	712	455 5	171 137 34	
2	81	797	382 5	109 53 56 90	225	795	526 5	253 197 56 90	π BAZEN
3	74	230	375 5	116 32 84	238	590	539 5	279 297 82	
	256	822		174	619	097		172	
BM. L.A. 24-03790				+	256	822		174	B.M. L.A. city 24-03790 Anaheim st. & entr. To Union oil refinery S.W. cor., spk. in curb. 5' W. of W. end C.R.
				−	362	275	CM.	346 M.	

F.B. 3748 PG. 96 JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Survey.

SURVEY BY Vogue NOTES M Bustrum

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 75234

TIME 11:10 ROD NO. 95-96

NOTES CHKD [illegible] DATE OCT 22 '65

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0307.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. WOLF WEATHER Overcast INST. NO 35234
NOTES BY BAZEN DATE 9-27-65 TIME 10:00 ROD NO 25-26
C. J. [illegible] DATE [illegible] NOTES CHKD [illegible] DATE OCT 22 '65
INDEXED

P 88 & 43 LB

F.B. 3746 Pg. 97

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	BM FROM LA 24-03750 TO BM 5-50
BM LA City 24-03750									BM LA City 24-03750 Anaheim St., S. side, 1000' ± W. of entrance to Union Oil refinery, cut spk in conc. H. wall.
1	104 ~~106~~	425	4055 ~~4075~~	127 81 46	238	323	5395	261 215 46	
2	10	833	311 5	431½ 1035 66 112	202	858	5035	234 170 64 110	
3	106	415	407 5	134 78 56 168	104	649	4055	133 75 58 168	
4	196	681	497 5	209 183 26 194	50	505	3515	63 37 26 194	T Bustrum
5	260	459	561 5	275 245 30 224	12	613	3135	277½ 125½ 30 224	
6.	275	225	576 5	290 260 30 254	18	408	3195	34 2 32 256	
7.	259	805	560 5	273 245 28 282	63	115	3645	77 49 28 284	
8.	251	058	552 5	270 232 38 320	100	093	4015	120 80 40 324	
BM 5-50								320 644	B.M. 5-50 Anaheim & Gaffey 300' ± E. of Gaffey, S.W. cor. of bridge
	1464.901				790.564' CM				
	790.564								
+	674.337 CM.								

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 5-50 TO BM L.A. CITY 24-03750
BM 5-50									BM 5-50
1	97	482	398 5	117 77 40	248	430	549 5	268 228 40	Anaheim & Gaffey 300'± of Gaffey on S.W. cor of bridge.
2	68	795	369 5	83 53 30 70	263	873	564 5	277 249 28 68	
3	12	327	313 5	28 12 16x2 32	270	740	571 5	286 254 32 100	π BAZEN
4	16	070	317 5	31 12 30 102 132	258	488	559 5	273 243 30 130	
5	53	022	354 5	66 40 26 158	204	595	505 5	216 192 24 154	
6	107	787	408 5	135 79 56 214	109	375	410 5	138 80 58 212	
7	232	938	533 5	264 200 64 278	38	970	339 5	71 5 66 278	
8	241	778	542 5	265 217 48 326	109	950	410 5	132 86 46 324	
BM. L.A. 24-03750	830.	199			1504.	421		326	BM L.A. CITY 24-03750
					830.	199		650	Meters.
					674.	222	CM.		

F.B. 3748 PG. 98

SURVEY OF Long Beach Precise Level Survey

SURVEY BY UBGE NOTES Bustrum

INDEXED C. J. GALLI DATE

JOB NO. 6882.43

WEATHER overcast INST. NO. 75234

TIME 10:45 ROD NO. 95-96

NOTES CHKD N/W DATE 11 22 63

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.

0882.43 L. B.

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

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

NOTES BY DREIER DATE 9-22-65 TIME 9:30 TO 9:40 ROD NO. 9619

INDEXED W. J. GALLI DATE NOTES CHKD [illegible] DATE 10 22 65

F.B. 3784 Pg. 99

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 5-50 TO B.M. 5-51
B.M. 5-50			108			282	B.M. 5-50 (U.S.C.&G.S. Z-50 RESET 1945)
1	76 054	377 5	44 64	282 363	583 5	249 ½ 66	GAFFEY ST. & ANAHEIM ST. S.E. COR.
							SEE F.B. 3701-125
2	67 309	368 5	83 51 32	280 800	581 5	296 265 31	
			96 ✓	✓		97 ✓	
B.M. 5-51						96 ✓	B.M. 5-51 (U.S.C.&G.S. E-770)
	143 363 ✓		-	563 163 ✓		193	GAFFEY ST. S. OF ANAHEIM ST.
			+	143 363 ✓			SEE F.B. 3701-127
			-	419 800 ✓			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 5-51 TO B.M. 5-50
B.M. 5-51									B.M. 5-51 U.S.C.&G.S. E-770
1	276	222	577 5	302 250 52	19	066	320 5	1/2 45 19 52	GAFFEY ST. 0.1 MI. S. OF ANAHEIM ST
									SEE F.B. 3701-127
2	277	802	578 5	290 265 25	115	110	416 5	128 102 26	
				77				78	
B.M. 5-50								77	B.M. 5-50 (U.S.C.& G.S. Z-50 RESET 1945)
	554	024			134	176		155	GAFFEY ST. & ANAHEIM ST. S.E. COR.
	134	176							SEE F.B. 3701-125
	419	848							

F.B. 3748 PG. 100

JOB NO.

SURVEY OF

SURVEY BY DREIER NOTES J.C. GOODWIN

INDEXED [illegible] DATE

WEATHER CLOUDY ~~[illegible]~~ INST. NO. 96716

TIME 9:06 TO 9:12 ROD NO. 9819

NOTES CHKD N/W DATE OCT 22 '65

76P526 CE # 308 3-61

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

[illegible]E: ANY ADDITIONS OR CHANGES
[illegible]HIS 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 G.E. DREIER WEATHER HAZY SUN INST. NO. 2676
NOTES BY GODWIN Gill DATE 9-22-65 TIME 9:37 TO 9:50 ROD NO 2 & 19
INDEXED DATE NOTES CHKD DATE OCT 22 '65
F.B. 3770 Pg. 101

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 5-51 TO B.M. 5-52
B.M. 5-51									B.M. 5-51 (U.S.C.&G.S. E-770)
1	79	545	380	5 100 / 58 42	294	370	595	5 ½ 294 / 271 46	GAFFEY ST., S. OF ANAHEIM ST
									SEE F.B. 3701-127
2	7	823	308	5 ½ 22 / 7 30	251	133	552	5 265 / 237 28	
				72				74	
3	45	762	346	5 56 / 34 22	278	623	579	5 288 / 268 20	
				94				94	
4	95	768	396	5 99 / 91 8	176	018	477	5 180 / 172 8	
				102				102	
B.M. 5-52								102	B.M. 5-52 U.S.C.&G.S. F-770
	228	898			1000	144		204	
					− 1000	144			
					+ 228	898			
					− 771	246			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 5-52 TO B.M. 5-51
B.M. 5-52									
1	259	167	560 5	271 247 24	10	296	311 5	1/2 26 10 32	B.M. 5-52 U.S.C.&G.S. F-770 GAFFEY ST., 0.2 MI. S. OF ANAHEIM SEE F.B. 3701-129
~~2~~					~~290~~	~~332~~	~~591~~	~~5 1/2~~	
~~3~~ 2.	290	332	591 5	1/2 290 274 32 56	16	777	317 5	30 2 28 60	
3.	260	552	561 5	277 242 35 91	78	618	379 5	98 63 30 90	
4.	198	563	499 5	207 187 20 111	131	675	432 5	140 122 18 108	
B.M. 5-51								111	B.M. 5-51 (U.S.C.&G.S E-770) GAFFEY ST. SO. OF ANAHEIM SEE F.B. 3701-127
+	1008	614			237	366		219	
−	237	366							
+	771	248							

F.B. 3748 PG. 102

JOB NO.

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY PREIER NOTES J.C. GOODWIN

INDEXED J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 8:45 TO 9:05 ROD NO. 98-19

NOTES CHKD N/W DATE JCT 22 '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 CALLED 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. 5-52 TO B.M. 5-53
B.M. 5-52							B.M. 5-52 (U.S.C.&G.S. E-770)
1	10 840	311 5	½ 22 10 24	231 200	532 5	244 218 26	GAFFEY ST. 0.2 mi. S. of ANAHEIM
							SEE F.B. 3701 - 129
2	99 213	400 5	129 69 60 84	138 670	439 5	167 109 58 84	
3.	152 296	453 5	185 119 66 60	124 772	425 5	157 91 66 150	
4.	186 217	487 5	246 156 60 210	163 200	464 5	193 133 60 210	
B.M. 5-53						210	B.M. 5-53 (U.S.C.&G.S. H-770)
	448566			- 657842		420	GAFFEY ST. S. OF ANAHEIM ST.
				+ 448566			SEE F.B. 3701 - 131
				- 209276			

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

SURVEY BY G.E. DREIER WEATHER HAZY SUN INST. NO 26716
NOTES BY J.C. GOODWIN DATE 9-22-65 TIME 9:55 TO 10:15 ROD NO. 8 & 19
C. J. GALLI DATE NOTES CHKD [illegible] DATE OCT 22 '65
INDEXED

F.B. 3704 PG. 103

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3748 PG. 104 JOB NO.

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY Dreier NOTES Mather 9-23-65 DATE

INDEXED L. L. GALLI DATE

WEATHER Hot INST. NO. 26716

TIME 3:50 TO 4:00 ROD NO. 9 & 10

NOTES CHKD N/W DATE OCT 22 65

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.		LEFT.	STADIA	RIGHT MIC.		LEFT.	STADIA	FROM B.M. 5-53 TO B.M. 5-52
B.M. 5-53									B.M. 5-53 (U.S.C.&G.S H-770)
1.	141	643	442	5 176 / 105 71	172	083	4735	208 / 135 73	GAFFEY ST. S. OF ANAHEIM
									SEE F.B. 3701-131
2.	129	208	430	5 169 / 88 81 / 152	163	450	464	5 203 / 123 80 / 153	
3.	286	583	587	5 ½ 286 / 254 64 / 216	12	644	313	5 ½ 45 / 12 66 / 219	T WILKS
B.M. 5-52								216	B.M. 5-52 (U.S.C.&G.S F-770)
	557	434			348	177		435	GAFFEY ST. S. OF ANAHEIM
	348	177							SEE F.B. 3701-129
	209	257							

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 5-53 TO B.M. 5-54
B.M. 5-53									B.M. 5-53 (U.S.C.&G.S. H-770)
1	164	690	465 5	197 130 67	141	092	442 5	174 108 66	GAFFEY ST., S. OF ANAHEIM
									SEE F.B. 3701-131
2	157	241	458 5	173 141 32	127	434	428 5	143 111 32	
				99				98	
B.M. 5-54								99	B.M. 5-54 U.S.C.&G.S. J-770
+	321	931			268	526		197	GAFFEY ST. & DR. TO TARGET RANGE
−	268	526							SEE F.B. 3701-133
+	53	405							

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

SURVEY BY G.E. DREIER

NOTES BY J.C. GOODWIN DATE 9-22-65

INDEXED G. J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 10:15 TO 10:20 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3748 PG. 105

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3748 PG. 106 JOB NO.

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES MATHER 9-23-65

INDEXED C. J. GALLI DATE

WEATHER Hot INST. NO. 96716

TIME 3:40 TO 3:58 ROD NO. 9 & 14

NOTES CHKD. [illegible] DATE 9/22/65

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 5-54 TO B.M. 5-53
B.M. 5-54							B.M. 5-54 (U.S.C.&G.S. J-770)
1	128 670	429 5	162 93 69	160 733	461 5	195 124 71	GAFFEY ST. S. OF ANAHEIM
							SEE F.B. 3701-133
2	139 282	440 5	157 120 37 106	160 576	461 5	176 143 33 104 106	
B.M. 5-53							B.M. 5-53 (U.S.C.&G.S. H-770)
	267 952			321 309		210	GAFFEY ST., S. OF ANAHEIM ST.
				267 952			SEE F.B. 3701-131
				53 357			

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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M 5-54 TO B.M. 5-55
B.M. 5-54									B.M. 5-54 (U.S.C. & G.S. J-770)
1	142	098	443 5	174 110 64	142	552	443 5	174 110 64	GAFFEY ST. & DR. TO TARGET RANGE
									SEE F.B. 3701-133
2	189	698	490 5	222 156 66	134	698	435 5	167 101 66	
				130				130	
B.M. 5-55								130	B.M. 5-55 (U.S.C. & G.S. K-770
+	331	796			277	250		260	GAFFEY ST & 0.75 MI. S. OF ANAHEIM ST
−	277	250							SEE F.B. 3701-135
+	54	546							

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

SURVEY BY G.E. DREIER

NOTES BY J.C. GOODWIN DATE 9-22-65

INDEXED G. J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 10:20 TO 10:28 ROD NO. 9419

NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3748 PG. 187

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 5-55 TO B.M. 5-54
B.M. 5-55									B.M. 5-55 (U.S.C. & G.S. K-770)
1	129	518	430 5	164 95 69	162	437	463 5	196 128 68	GAFFEY ST. 0.7 MI. S. OF ANAHEIM ST.
									SEE F.B. 3701-135
2	128	382	429 5	161 95 66 135	149	942	450 5	181 117 64 132 135	
B.M. 5-54									B.M. 5-54 (U.S.C. & G.S. J-770)
	257	900			− 312	379		267	GAFFEY ST. & 0.6 MI. S. OF ANAHEIM ST
					+ 257	900			SEE F.B. 3701-133
					− 54	479			

F.B. 3748 PG. 108

JOB NO.

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES MATHER 9-23-65

INDEXED C. J. GALLI DATE

WEATHER HOT INST. NO. 96716

TIME 3:30 TO 3:40 ROD NO. JUL 22 65

NOTES CHKD. N/W DATE

F.B. 3748 PG. 109

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

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

NOTES BY J. C. GOODWIN DATE 9-22-65 TIME 10:30 TO 10:35 ROD NO. 9919

INDEXED C. J. GALLI DATE NOTES CHKD N/W DATE OCT 22 '65

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST 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. 5-55 TO B.M. 5-56
B.M. 5-55									B.M. 5-55 (U.S.C.&G.S. K-770)
1	160	964	461 5	190 130 60	150	227	451 5	180 120 60	GAFFEY ST., 0.75 mi. S. of ANAHEIM
									SEE F.B. 3701-135
2	172	719	473 5	198 146 52	139	586	440 5	164 114 50	
				112				110	
B.M. 5-56								112	B.M. 5-56 (U.S.C.&G.S. L-770)
	+ 333	683			289	813		222	GAFFEY ST., 0.9 mi. S. of ANAHEIM ST.
	− 289	813							SEE F.B. 3701-137
	+ 43	870							

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 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. 5-56 TO B.M. 5-55
B.M. 5-56									B.M. 5-56 U.S.C.&G.S. L-770
1.	125	692	426 5	153 97 56	151	565	452 5	179 123 56	GAFFEY ST. 0.9 MI. S. OF ANAHEIM ST.
									SEE F.B. 3701-137
2.	140	962 ~~012~~	441 ~~442~~ 5	169 111 58 114	158	977	459 5	187 129 58 114	
B.M. 5-55								114	B.M. 5-55 (U.S.C.&G.S. K-770)
	266	654			310	542		228	GAFFEY ST. 0.7 MI. S. OF ANAHEIM
					266	654			SEE F.B. 3701-135
					43	888			

F.B. 3748 PG. 110

JOB NO.

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES MATHER 9-23-65

INDEXED C. J. GALLI DATE

WEATHER HOT

TIME 3:20 TO 3:30

NOTES CHKD N/W

INST. NO. 96716

ROD NO. 9819

DATE OCT 22 '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 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 G.E. DREYER WEATHER HAZY SUN INST. NO. 26716
NOTES BY J.C. GOODWIN DATE 9-22-65 TIME 10:40 TO 10:45 ROD NO. 2619
INDEXED R.J. CALL DATE NOTES CHKD [illegible] DATE OCT 22 '65
F.B. 3701 Pg. 111

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 5-56 TO B.M. 5-57
B.M. 5-56							B.M. 5-56 (U.S.C.&G.S. L-770)
1.	164 351	465 5	196 132 64	154 475	455 5	184 125 59	GAFFEY ST., 0.9 MI. S. OF ANAHEIM ST.
							SEE F.B. 3701-137
2.	169 847	470 5	180 158 22	135 226	436 5	148 122 26	
			86			85 ✓	
						86 ✓	
B.M. 5-57							B.M. 5-57 U.S.C.&G.S. V-770
	334 198 ✓			289 701 ✓		171	GAFFEY ST., 1.0 MI. S. OF ANAHEIM ST.
+	289 701 ✓						SEE F.B. 3701-139
−	44 497 ✓						
+							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 5-57 TO B.M. 5-56
B.M. 5-57									B.M. 5-57 U.S.C.&G.S. V-770
1	108	362	409 5	134 81 53	155	326	456 5	181 129 52	GAFFEY ST. 1.0 MI. S. OF ANAHEIM
									SEE F.B. 3701-139
2	140	800	441 5	158 122 36 89	138	294	439 5	157 119 38 90 89	
B.M. 5-56									B.M. 5-56 U.S.C.&G.S. L-770
	249	162			293	620		179	GAFFEY ST., 0.9 MI. S. OF ANAHEIM ST.
					249	162			SEE F.B. 3701-137
					44	458			

F.B. 3748 PG. 112

JOB NO.

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES MATHER 9-23-65

INDEXED C. J. GALLI DATE

WEATHER HOT

TIME 3:10 TO 3:20

NOTES CHKD N/W

INST. NO. 96716

ROD NO. 9 & 19

DATE OCT 22 '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 C.E. DREIER WEATHER Hazy Sun INST. NO 26716
NOTES BY DREIER DATE 9-22-65 TIME 10:50 TO 10:55 ROD NO 2 & 18
INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE OCT 22 '65
F.B. 3748 PG. 113

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 5-57 TO B.M. 5-58
B.M. 5-57							B.M. 5-57 (U.S.C.&G.S. V-770)
1	127 068	428.5	161 / 94 67	97 422	398.5	131 / 97 68	GAFFEY ST., 1.0 MI. S. OF ANAHEIM ST
							SEE F.B. 3701-139
B.M. 5-58						67	B.M. 5-58 (U.S.C.& G.S. U-770)
+	127 068			97 422		135	GAFFEY ST., 1.1 MI. S. OF ANAHEIM
-	97 422						SEE F.B. 3701-141
	+ 29 646						

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 5-58 TO B.M. 5-57
B.M. 5-58									B.M. 5-58 U.S.C. & G.S. U-770
1	94	023	395 5	166 62 64	154	568	455 5	186 122 64	GAFFEY ST. 1.1 MI. S. OF ANAHEIM ST.
									SEE F.B. 3701-141
2.	140	615	441 5	163 117 46 110	149	161	450 5	176 122 54 118	
3.	133	220	434 5	156 110 46 156	138	243	439 5	158 118 40 158 156	
B.M. 5-~~57~~ 56									B.M. 5-~~57~~ 56 (U.S.C & G.S. ~~V~~ L-770)
	367	858			441	972		314	GAFFEY ST., ~~1.0~~ 0.9 MI. S. OF ANAHEIM ST.
					367	858			SEE F.B. 3701-~~139~~ 137
					74	114			
									OK EXCEPT SKIPPED ONE B.M
									NO TAPE
B.M. 5-58									B.M. 5-58 U.S.C. & G.S. U-770
1.	101	845	402 5	127 75 52	152	152	453 5	178 126 52	GAFFEY ST. 1.1 MI. S. OF ANAHEIM
									SEE F.B. 3701-141
2.	135	721	436 5	149 121 28 80	115	204	416 5	129 101 28 80 80 ~~160~~ 160	
B.									
	237	566		-	267	356			
				+	237	566			
B.M. 5-57				-	29	790			B.M. 5-57 U.S.C. & G.S. V-770
									GAFFEY ST. 1.0 MI. S. OF ANAHEIM
									SEE F.B. 3701-139

F.B. 3748 PG. 1/4

JOB NO.

SURVEY OF

SURVEY BY GEO NOTES MATHER 9-23-65

INDEXED C. J. GALLI DATE

WEATHER HOT INST. NO. 96716

TIME 2:25 TO 2:35 ROD NO. 9 & 19

NOTES CHKD N/W DATE OCT 22 65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]ED 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. 5-58 TO R-770 (B.M. 5-61)
B.M. 5-58									B.M. 5-58 (U.S.C. & G.S. U-770)
1.	138	913	439 5	177 99 78	160	615	461 5	199 121 78	GAFFEY ST. 1.1 MI. S. OF ANAHEIM ST
									SEE F.B 3701-141
2.	155	620	456 5	185 125 60	144	151	445 5	174 114 60	
				138				138	
3.	116	375	417 5	142 90 52	186	500	487 5	212 160 52	
				190				190	
4.	84	000	385 5	105 63 42	192	925	493 5	213 171 42	
				232				232	
B.M. 5-61								232	B.M. 5-61 (U.S.C. & G.S. R-770)
	494	908			684	191		464	GAFFEY ST., 0.1 S. OF WESTMONT DR.
					494	908			SEE F.B. 3701-143
					189	283			

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

SURVEY BY G. E. DREIER

NOTES BY J. C. GOODWIN DATE 9-22-65

INDEXED C. J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 11:00 TO 11:20 RQD NO. 9919

NOTES CHKD. [illegible] DATE OCT 22 '65

F.B. 3748 PG. 115

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3748 PG. 116 JOB NO. L.A. Co. PRECISE LEVEL NET

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

SURVEY BY DREIER NOTES MATHER 9-23-65 ROD NO. 9 & 12

INDEXED C. J. GALLI DATE OCT 22 '65

WEATHER HOT TIME 2:00 to 2:17 NOTES CHKD KJW DATE

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 5-61 TO B.M. 5-58
B.M. 5-61							B.M. 5-61 (U.S.C.&G.S. R-770)
1	185 104	486 5	219 151 68	63 924	364 5	97 29 68	GAFFEY ST, 0.1 MI. S. OF WESTMONT DR.
							SEE F.B. 3701-143
2	207 470	508 5	237 177 60 128	145 568	446 5	175 115 60 128	
3	131 014	432 5	160 102 58 186	150 878	451 5	180 121 59 187	⊼ WILKS
4.	136 362	437 5	159 113 46 232	410 150	411 5	133 88 45 232	
B.M. 5-58						232	B.M. 5-58 (U.S.C.&G.S. U-770)
+	659 950			470 510		464	GAFFEY ST. 1.1 MI. S. OF ANAHEIM
−	470 510						SEE F.B. 3701-141
+	189 440						

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 PFEIFER WEATHER OVERCAST INST. NO. 9616
NOTES BY Wilkes DATE 9-23-65 TIME 9:00 - 9:20 ROD NO. 9619
INDEXED G. J. GALLI DATE NOTES CHKD [illegible] DATE OCT 22 '65
F.B. 3748 Pgs 117

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
		RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA	R-770 C-615 FROM B.M. 5-61 TO B.M. 5-64
B.M. 5-61				39				227	B.M. 5-61 (U.S.C.&G.S. R-770)
1	74	483	375 5	109 70	263	572	564 5	299 72	GAFFEY ST. E. SIDE 0.1 MILE
				76				145	S. OF WESTMONT DR.
2	128	393	429 5	180 104	198	609	499 5	251 106	SEE F.B. 3701-143
				52 174				98 178	
3	116	818	417 5	181 129	161	925	462 5	224 126	
				83 303				147 304	
4	130	430	431 5	177 94	194	555	495 5	241 94	
				159 397				119 398	
5	187	208	488 5	215 56	148	857	449 5	176 57	
				453 ✓				455 ✓	
								453 ✓	
								908 ✓	
B.M. 5-64						518			B.M. 5-64 (U.S.C.&G.S. C-615)
	637	332 ✓			− 967	~~444~~			PACIFIC AVE & BATTERY ST.
					+ 637	332 ✓			SEE F.B. 3701-145
					= ~~329812~~				
					− 330186				

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 5-64 TO B.M. 5-61
B.M. 5-64									B.M. 5-64 U.S.C.&G.S. C-615
1	124	604	425 5	89 / 159 70	159	383	460 5	124 / 194 70	PACIFIC AVE. & BATTERY ST, N.W. Co.
							5		SEE F.B. 3701-145
2	181	867	482 5	152 / 210 58	147	082	448 5	116 / 178 62	
				128				132	
3	171	680	472 5	138 / 204 66	158	813	459 5	127 / 189 62	
				194				194	
4	175	174	476 5	140 / 210 70	136	451	437 5	104 / 168 64	
				264				258	
5	187	494	488 5	149 / 225 76	126	423	427 5	85 / 167 82	
				340				340	
6	179	250	480 5	141 / 217 76	95	079	396 5	57 / 134 77	
				416				417	
7	201	415	502 5	181 / 221 40	68	071	369 5	47 / 89 42	
				456				459	
B.M. 5-61								456	B.M. 5-61 (U.S.C.&G.S. R770)
	1221	484			891	302		915	GAFFEY ST. 0.1 MI. S. OF WESTMONT
	891	302							SEE F.B. 3701-143
	330	182							

F.B. 3748 PG. 118

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES WILKS 9-23-65

INDEXED C. J. GALLI DATE

WEATHER HOT

TIME 1:30 - 1:45

NOTES CHKD N/W

INST. NO. 96716

ROD NO. 9819

DATE OCT 22 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 5-64 TO B.M. 5-65A
B.M. 5-64									B.M. 5-64
1	120	945	421 5	94/146 52	172	678	473 5	146/198 52	PACIFIC AVE & BATTERY ST. N.W. COR.
2	144	049	445 5	100/190 90	135	439	436 5	90/180 90	SEE F.B. 3701-145
				142				142	
3	160	152	461 5	154/166 12	170	419	471 5	164/176 12	
				154				154	
B.M. 5-65A								154	B.M. 5-65A
	425	146			478	536		308	PACIFIC AVE & MIRAFLORES AVE
					425	146			SEE F.B. 3701-147
					53	390			

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

SURVEY BY DREIER

NOTES BY WILKS DATE 9-23-65

INDEXED C. J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 9:35-9:45 ROD NO. 9819

NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3748 PG. 119

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 5-65A TO B.M. 5-64
B.M. 5-65A									B.M. 5-65A
1	177	441	478 5	152/202 50	189	391	490 5	164/214 50	PACIFIC AVE. & MIRA FLORES AVE
									SEE F.B. 3701-147
2	163	290	464 5	138/188 50	150	995	451 5	126/175 49	
				100				99	
3	170	298	471 5	144/197 53	117	152	418 5	91/143 52	
				153				151	
								153	
B.M. 5-64	511	029			457	538		304	B.M. 5-64 (U.S.C & G.S. C-615)
	457	538							PACIFIC & BATTERY N.W COR
	53	491							SEE F.B. 3701-145

F.B. 3748 PG. 120

JOB NO.

SURVEY OF

SURVEY BY DREIER NOTES WILKS 9-23-65

INDEXED C. J. GALLI DATE

WEATHER HOT INST. NO. 96716

TIME 1:10 - 1:25 ROD NO. 9&19

NOTES CHKD [illegible] DATE OCT 22 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR [illegible]LED 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. 5-65A TO B.M. 5-65B
B.M. 5-65A	~~20~~								B.M. 5-65A
1	208	669	509 5	172/243 71	138	099 ~~00~~	439 5	103/174 71	PACIFIC AVE. & MIRAFLORES
									SEE F.B. 3701-147
2	169	848	470 5	140/198 58	144	120	445 5	114/174 60	
				129				131	
3	153	623	454 5	120/185 65	189	331	490 5	158/221 63	
				194				194	
B.M. 5-65B								194	B.M. 5-65B (CITY L.A 24-00990)
+	532	140			471	550		388	FRONT ST. & KNOLL DR
−	471	550							SEE F.B. 3701-149
+	60	590							

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

SURVEY BY DREIER

NOTES BY Hills DATE 9-23-65

INDEXED C. J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 9:50 - 10:05 ROD NO. 9819

NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3748 PG. 121

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 5-65B TO B.M. 5-65A
B.M. 5-65B									B.M. 5-65B (L.A. 24-00990)
1	186	430	487 5	155/217 62	159	149	460 5	128/190 62	FRONT ST & KNOLL AVE.
									SEE F.B. 3701-149
2	156	380	457 5	121/191 70	196	465	497 5	161/231 70	
				132				132	
3	146	456	447 5	117/176 59	194	075	495 5	163/225 62	
				191				194	
								191	
								385	
B.M. 5-65A	489	266			549	689			B.M. 5-65A
					489	266			PACIFIC AVE. & MIRAFLORES AVE
					60	423			SEE F.B. 3701-147

F.B. 3748 PG. 12R

JOB NO.

SURVEY OF

SURVEY BY DREIER NOTES WILKS 9-23-65

INDEXED G. J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 11:45 TO 12:00 ROD NO. 9 & 19

NOTES CHKD. N/W DATE 11 22 65

76P526 CE # 308 3-61

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

N[illegible]E: ANY ADDITIONS OR CHANGES
[illegible]HIS 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 SUNNY INST. NO. 96716
NOTES BY WILKS DATE 9-23-65 TIME 10:30-10:55 ROD NO. 9619
INDEXED G. J. GALLI DATE NOTES CHKD DATE OCT 22 '65
F.B. 3740 Pg. 123

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 5-65 B TO B.M. 5-66 A
B.M. 5-65 B				141				123	B.M. 5-65 B (L.A. 24-00990)
1	178	463	479	5 215 74	159	941	460	5 195 72	FRONT ST. & KNOLL AVE
									SEE F.B. 3701-149
				101				145	
2	142	991	443	5 182 81	187	340	488	5 229 84	
				155				156	
3	170	042	471	5 205 70	184	065	485	5 219 70	
				225				226	
4	169	819	470	5 205 72	131	291	432	5 167 72	
				297				298	
5	139	652	440	5 162 46	151	009	452	5 173 44	
				343				342	
6	157	643	458	161 8	78 963 ~~31 235~~		379	5 82 8	
				351				350 351	
B.M. 5-66 A	958	610			892	609		701	B.M. 5-66 A (U.S.C.&G.S. F-970)
+	892	609							PACIFIC AVE. & VINCENT THOMAS
−	66	001							BRIDGE VERTICAL B.M.
									SEE F.B. 3701-151

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3748 PG. 124 JOB NO.

SURVEY OF G.E.D. NOTES Wiles 9-23-65

SURVEY BY C. J. GALLI DATE

INDEXED

WEATHER SUNNY INST. NO. 26716

TIME 11:10 - 11:45 ROD NO. 98/19

NOTES CHKD N/W DATE 11 22 65

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM B.M. 5-66A TO B.M. 5-65B
B.M. 5-66A			74				152		B.M. 5-66A
1	78 212	379 5	82	8	156 885	457 5	160	8	PACIFIC AVE. & VINCENT THOMAS BRIDGE
			128				129		
2	156 387	457 5	184	56	157 891	458 5	185	56	SEE F.B. 3701-151
		451	106	64			132	64	
3	150 089	5	194	88	178 750	479 5	224	92	
	216		174	152			95	156	
4	~~13~~ 573	517 5	258	84	138 945	439 5	181	86	
				236				242	
5	138 265	439 5	104 172	68	150 561	451 5	119 181	62	
			134	304			156	304	
6	161 062	462 5	189	55	183 768	484 5	210	54	
				359				358	
								359	B.M. 5-65B. (L.A. 24-00990)
B.M. 5-65B								717	FRONT ST & KNOLL AVE
	900 588				- 966 800				SEE F.B. 3701-149
					+ 900 588				
					- 66 212				

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]: ANY ADDITIONS OR CHANGES [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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BMLB566 TO BMLB 565
BMLB 566									BMLB 566
1	224	260	525 5	250 198 52	152	578	453 5	177 127 50	PACIFIC COAST HWY & LONG BEACH BLVD
2	126	064	427 5	159 94 65	183	328	484 5	218 148 70	
3	136	505	437 5	160 112 117 48	154	778	455 5	177 131 120 46	π LIEBER
4	190	280	491 5	207 173 165 34 199	176	763	477 5	193 159 166 34 200	
	677.109				667.447			199	
	667.447							399 Metres	
BMLB 565 +	9.662								BMLB 565 P.C.H. & ATLANTIC S.E. COR.

JOB NO. ~~0801.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY Vogt

NOTES BY M.B. DATE 10-11-65

INDEXED C. J. GALLI DATE

WEATHER Cl/Cdr

TIME 9:05

NOTES CHKD [illegible]

INST. NO. 95234

ROD NO. 25-96

DATE OCT 22 '65

F.B. 3748 PG. 125

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM.LB565 TO BMLB566
BM.LB565									BM.LB565 P.C. Hwy & Atlantic Ave. S.E Cor.
1	182	075	483 5	198 166 32	195	638	496 5	212 178 34	
2	152	999	453 5	175 129 46 78	134	605	435 5	157 111 46 80	
3	186	410	487 5	220 152 68 146	127	960	428 5	160 94 66 146	
4	155	590	456 5	181 129 52	228	518	529 5	253 203 50	
	677	074		198	686	721		196	
					677	074		198	
					- 9	647		394 meters	
BM.LB566									BM.LB.566 P.C. Hwy. & Long Beach Blvd. S.E. Cor

F.B. 3748 PG. 126

JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Sur.

SURVEY BY Vogle NOTES VL

INDEXED C. J. GALLI DATE

WEATHER Cloudy INST. NO. 75234

TIME 11:40 ROD NO. 98-96

NOTES CHKD. N/W DATE 11 22 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]: ANY ADDITIONS OR CHANGES [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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BMLB565 TO BMLB521
BM LB565									BM LB565, P.C.H. & ATLANTIC S.E. COR.
1	192	435	493 5	222 162 60	137	481	438 5	167 107 60	
2	167	371	468 5	197 137 60	144	635	445 5	175 113 62	π LIEBER
3.	164	465	465 5	190 138 120 52	141	300	442 5	166 117 122 49	
4	160	681	461 5	183 137 172 46	163	532	464 5	187 140 171 47	
				218				218	
	684.952				586.948			218	
	586.948							436	meters
+	98.004								
BMLB521									BM LB521 ATLANTIC & 15th ST. N.E. COR.

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY Vogel

NOTES BY M.B. DATE 10-11-65

INDEXED G. J. GALLI DATE

WEATHER Clear

TIME 9:40

NOTES CHKD [illegible]

INST. NO. 752 34

ROD NO. 95-96

DATE OCT 22 '65

F.B. 3748 PG 127

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BMLB521 TO BM.LB565
BM.LB521									BM.LB. 521 Atlantic Ave & 15th St. N.E Cor
1	170	768	471 5	194 146 48	168	585	469 5	191 145 46	
2	145	580	446 5	170 120 50	167	610	468 5	195 141 52	
3	149	600	450 5	179 119 60 98	173	600	474 5	204 142 62 98	
4	142	620	443 5	171 113 58 158	196	723	497 5	226 166 60 160	
	608	568		216	706	518		220	
					608	568		216	
					-.97	950		436 meters.	
BM.LB565									BM. LB. 565 P.C.Hwy. & Atlantic Ave S.E. Cor.

F.B. 3748 PG. 128

JOB NO. 0882.43

SURVEY OF Long Beach Precise Lore/Sur.

SURVEY BY VL

NOTES

INDEXED E. J. GALLI

DATE

WEATHER Cloudy

TIME 11:20

NOTES CHKD. N/W

INST. NO. 78234

ROD NO. 95.96

DATE OCT 22 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]: ANY ADDITIONS OR CHANGES [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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BMLB 521 TO BM LB 517
BMLB 521									BM LB 521 ATLANTIC & 15TH ST. N.E. COR.
1	182	562	483 5	212 152 60	144	051	445 5	174 114 60	
2	168	552	469 5	202 135 67	136	820	437 5	170 102 68	
3	159 ~~159~~	141	460 5	186 127 133 53 180	146	315	447 5	172 146 128 26 x 2 52	π LIEBER.
4								180	
	510.255				427.186			180	
	427.186							360	meters
+	83.069								
BMLB 517									BM LB 517 ATLANTIC & ANAHEIM N.W. COR.

JOB NO. ~~0301.02~~ 088L43 SURVEY OF ~~L.A. CO.~~ L.B. PRECISE LEVEL NET

SURVEY BY [illegible] DATE 10-11-65 WEATHER clear INST. NO. 75234

NOTES BY M. [illegible] TIME 10:05 ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3748 PG. 129

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM.LB517 TO BMLB521
BM.LB517									BM LB. 517 Anaheim St. & Atlantic Ave. NW Cor.
1	152	522	453 5	178 126 52	163	165	464 5	189 137 52	
2.	142	350	443 5	176 108 68	176	365	477 5	209 143 66	
3	155	145	456 5	185 125 120 60	193	345	494 5	223 163 118 60	π Bazen
	450,017			180	532875			178	
					450017			180	
					.82858			358 meters	
BM.LB. 521									BM.LB. 521 Atlantic Ave. & 15th St. N.E. Cor.

WEATHER Cloudy INST. NO. 75234

TIME 11:05 ROD NO. 95-96

NOTES CHKD N/W DATE OCT 22 '63

F.B. 3748 PG. 130 JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Sur.

SURVEY BY Joe NOTES V.L.

INDEXED L. J. GALLI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]: ANY ADDITIONS OR CHANGES [illegible] IS 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BMLB 517 TO BMLB 274
BMLB517									BM LB 517 ATLANTIC & ANAHEIM N. W. COR.
1	158	350	459 5	180 136 44	150	425	451 5	172 129 43	
2	156	979	457 5	182 131 51 95	148	025	449 5	174 122 52 95	π V. LIEBER
3	164	520	465 5	187 142 45 140	146	592	447 5	170 123 47 142	
4.	160	030	461 5	190 130 60 200	170	519	471 5	200 141 59 201 200 401	meters
	639.879				615.561				
	615.561								
+	24.318								
BMLB 274									BM LB 274 ATLANTIC & 10 TH ST. N. W. COR.

JOB NO. ~~0801.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W. VOGE

NOTES BY M. B. DATE 10-11-65

INDEXED C. J. GALLI DATE

WEATHER Clear

TIME 10:30

NOTES CHKD [illegible]

INST. NO. 75234

ROD NO. 95-96

DATE OCT 22 '65

F.B. 3748 PG. 131

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM.LB 274 TO BMLB 517
BM.LB.274									BM.LB. 274 Atlantic St. & 10th St. NW. Cor.
1	176	982	4775	205 147 58	166	630	4675	196 136 60	
2	151	685	4525	174 128 46	169	726	4705	192 146 46	
3	154	178	4555	180 128 52 104 156	164	135	4655	189 139 106 50 156	π Bazen.
4	~~161~~ 154	630	~~4625~~ 4555	176 132 44 200	161	219	4625	183 139 44 200	
	637.475				661710			200	
					637475			400 meters.	
					24235				
BMLB 517									BM.LB. 517. Atlantic Ave & Anaheim St. NW. Cor.

F.B. 3748 PG. 132 JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Sur.

SURVEY BY Yoge NOTES RL

INDEXED C. J. GALLI DATE

WEATHER Cloudy INST. NO. 75234

TIME 10:45 ROD NO. 4 & 6

NOTES CHKD N/W DATE OCT 22 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR LED 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 LB 274 TO BM LB 590
BM LB 274									BM LB 274 ATLANTIC & 10th ST. N.W. COR.
1	186	532	487 5	217 155 62	148	529	449 5	180 116 64	
2	150	870	451 5	179 121 58 120	151	677	452 5	180 122 58 122	π V. LIEBER.
3	168	635	469 5	199 136 63 183	142	799	443 5	174 110 64 186	
4	159	275	460 5	170 148 22 205	178	549	479 5	189 167 22 208	
	665.312				621.554			205	
	621.554							413	meters
	+43.758								
BM LB 590									BM LB 590 ATLANTIC & 7th ST. N.E. COR.

JOB NO. ~~0301.02~~ 0382.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W. Yoge

NOTES BY M.B. DATE 10-11-65

INDEXED C. J. GALLY DATE

WEATHER clear

TIME 10:55

NOTES CHKD [illegible] DATE OCT 22 '65

INST. NO. 75234

ROD NO. 95-96

F.B. 3748 PG. 133

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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.LB 590 TO BM.LB 274
BMLB590									BMLB 590 Atlantic Ave & 7th St. N.E Cor.
1	179	340	480 5	190 168 22	161	368	462 5	172 150 22	
2	153	435	454 5	185 121 64	178	044	479 5	209 147 62	K Bazen
3	158	955	459 5	187 129 58	158	318	459 5	187 129 58	
4	153	325	454 5	185 121 64	190	890	491 5	221 159 62	
	645	055		208	688	620		204	
					645	055		208	
					43	565		412	
BMLB.274									BM.LB.274 Atlantic Ave & 10th St. N.W. Cor.

F.B. 3748 PG. 134

JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Survey

SURVEY BY Vogel NOTES V.L.

INDEXED C. J. GALLI DATE

WEATHER Cloudy INST. NO. 75234

TIME 1030 ROD NO. 95-96

NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3748 PG. 135

JOB NO. ~~0801.02~~ 0982.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W. Voge WEATHER clear INST. NO. 75234

NOTES BY M B DATE 10-11-65 TIME 11:20 ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD N/W DATE OCT 22 '65

PLEASE RETURN TO

L. ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM LB 590 TO BM LB 164
BM LB 590									BM LB 590
1	181	949	482 5	207 155 52	169	195	470 5	195 143 52	ATLANTIC & 7th ST. N. E. COR.
	169	195						52	
+	12.754							104	Meters
BM LB 164									BM LB 164 7th ST. & Lime Ave S.W. COR

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 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 LB. 164 TO BMLB. 590
BM. LB 164									BM LB 164 7th St & Lime Ave.
1	175	270	476.5	201 149 52	188 175 12	030 270 760	489.5	214 162 52 52 104	⊼ Bazen.
BM-LB590									BM. LB. 590 Atlantic & 7th St. N.E. Cor.

F.B. 3748 PG. 136 JOB NO. 0882.43

SURVEY OF Long Beach Precise Level 5.100

SURVEY BY Vogel NOTES V.L.

INDEXED C. J. GALLI DATE

WEATHER Cloudy INST. NO. 75234

TIME 10:05 ROD NO. 95-96

NOTES CHKD N/W DATE OCT 22 '63

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR LED 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 BMLB 164 TO BMLB 591
BM LB 164									BM LB 164 7th ST. & LIME AVE S.W. COR.
1	173	111	474 5	196 150 46	136 ~~186~~	525	437 5	159 113 46	
2	153	489	454 5	168 138 30 76	171	949	472 5	186 156 30 76 76	π V. LIEBER
	326.600				308.474			152	meters
	308.474								
+	18.126								
BM LB 591									BM LB 591 7th ST. & OLIVE AVE. N.E. COR.

JOB NO. ~~0301-02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W. Voge

NOTES BY MB DATE 10-11-65 WEATHER Hi/Cdr INST. NO. 75234

INDEXED C. J. GALLI DATE TIME 11:25 ROD NO. 95-96

NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3748 PG. 137

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BMLB.591 TO BM.LB 164
BM.LB591									BM.LB.591 7th. St & Olive Ave N.E Cor.
1	176	443	477 5	191 / 161 30	159	673	460 5	174 / 144 30	
2	144	355	445 5	166 / 122 44	179	318	480 5	202 / 156 46	
				74				76	
								24	
	320.798				338.991			150	
					320.798				
				—	18.193				
BM.LB164									BM.LB.164 7th St & Lime Ave. SW. Cor.

F.B. 3748 PG. 138

SURVEY OF Long Beach Precise Level Survey

SURVEY BY Vogel NOTES VC.

INDEXED C. J. GALLI DATE

JOB NO. 0382.43

WEATHER Cloudy INST. NO. 25234

TIME 9:55 ROD NO. 95 96

NOTES CHKD [illegible] DATE Oct 22 63

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR COPIED 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 BMLB591 TO BMLB 5
BMLB591									BM LB 591 7th ST. & OLIVE AVE. N.E.COR.
1	183	630	484 5	202 164 38	150	781	451 5	169 131 38	
2	157	062	458 5	181 132 49 87	174	415	475 5	198 150 48 86 87	T.V. LIEBER.
	340.	692			325.	196		173	meters
	325.	196							
	+ ~~15.496~~								
	+ 15.496								
BM LB5									BM LB 5 7th ST. & CALIFORNIA AVE. N.E.COR.

JOB NO. ~~0301.02~~ 0802.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W. Vogc WEATHER Clear INST. NO. 75234

NOTES BY M. B DATE 10-11-65 TIME 11:35. ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3748 PG. 137

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Cloudy INST. NO. 75-334

TIME 0830 ROD NO. 93-96

NOTES CHKD [illegible] DATE OCT 22 '65

SURVEY OF Long Beach Precise Level Survey JOB NO. 0882.43

SURVEY BY Vogt NOTES [illegible] DATE

INDEXED [illegible]

F.B. 3748 PG. 140

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM LB 5 TO BM LB 591
BM LB 5							BM LB 5 7th St & California Ave N.E Cor
~~1~~	~~[illegible]~~	~~[illegible]~~	201			185	
1	178 652	479 5	153 46	160 781	461 5	135 50	T Bazen
2	151 230	452 5	171 49	184 512	485 5	202 36	
	329 882		131 86	345 293		166 86	
				329 882		86	
				-15 411		172 Meters.	
BM LB 591							BM LB 591 7th St & Olive Ave N.E Cor.

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB 5 TO BM LB 178
BM LB 5									BM LB 5 7th ST. & CALIFORNIA AVE. N.E. COR.
1	181	462	482 5	203 160 43	143	070	444 5	164 122 42	
2	171	145	472 5	198 144 54	165	529	466 5	192 138 54	⊼ V. LIEBER.
3	136	329	437 5	168 104 97 64	146	203	447 5	178 114 96 64	
4.	147	300	448 5	172 122 50 161	176	109	477 5	201 151 50 160	
				211				210	
	636.236				630.911			211	
	630.911							421 W.	
	+ 5.325								
BM LB 178									BM LB 178 4th ST. & ALAMITOS AVE. N.E. COR.

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W. Voge

NOTES BY M.B. DATE 10-11-65

INDEXED G. J. GALLI DATE

WEATHER Clear

TIME 12:00

NOTES CHKD [illegible]

INST. NO. 75234

ROD NO. 45-96

DATE OCT 22 '65

F.B. 3748 PG. 141

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM.LB.148 TO BM.LB.5
BM.LB.178									BM.LB.178 Alamitos Ave. & 4th St N.E. Cor.
1.	183	335	484 5	208 / 158 50	157	333	458 5	182 / 132 50	
2	149	900	450 5	181 / 117 64	137	330	438 5	169 / 105 64	T. Bazen.
3	165	080	466 5	192 / 138 54	171	688	472 5	198 / 144 54	
4	146	450	447 5	168 / 124 44	183	847	484 5	205 / 161 44	
				212				212	
	644.765				650.198			212	
					644.765			424 meters.	
BM.LB 5					-5.433				BM.LB.5. 7th St. & California Ave. N.E. Cor.

F.B. 3748 PG. 142

JOB NO. 0882.43

SURVEY OF L.B. Precise Level Survey

SURVEY BY Vage NOTES V.L.

INDEXED C.J. GALLI DATE

WEATHER Cloudy INST. NO. 7524

TIME 8:55 ROD NO. 95-96

NOTES CHKD N/W DATE OCT 22 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible]ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB 178 TO BM LB 4
BM LB 178									BM LB 178 4th ST. & ALAMITOS ~~ANAHEIM~~ ST. N.E. COR.
1	167	751	468 5	191 143 48	157	252	458 5	181 133 48	
2	153	425 ~~449~~	454 5	168 138 30 78	190	150	441 5	204 176 28 76 78	T V. LIEBER.
	321.176				347.402				
					321.176				
					26.226				154 Meters
BM LB 4									BM LB 4 3Rd ST. & ALAMITOS N.E COR.

JOB NO. ~~0301.02~~ 2.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W. Voge

NOTES BY M.B. DATE 10-11-65

INDEXED C. J. GALLI DATE

WEATHER clear INST. NO. 75234

TIME 12:20 ROD NO. 95-96

NOTES CHKD [illegible] DATE OCT 22 '65

F.B. 3748 PG. 143

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BMLB 4 TO BMLB178
BM.LB.4									BM.LB4 Alamitos Ave. & 3rd N.E. Cor
1	192	965	493 5	206 178 28	156	342	457 5	170 142 28	
2.	162	100	463 5	186 138 48	172	532	473 5	196 148 48	T Bazen.
	355.065			76	328	874		76	
	328	874						76	
	+26.191							152	
BM.LB178									BM.LB. 178 Alamitos Ave. & 4th St. N.E. Cor

F.B. 3748 PG. 144 JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Survey

SURVEY BY Vogt NOTES V.L.

INDEXED C. J. GALLI DATE

WEATHER Cloudy INST. NO. 75234

TIME 9:25 ROD NO. 95-96

NOTES CHKD [illegible] DATE OCT 22 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR ED 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 LB 4 TO BM LB 665
BM LB 4									BM LB 4 3Rd. ST. & ALAMITOS N. E. COR.
1	187	352	488 5	219 155 64	166	245	467 5	199 133 66	
2	153	578	454 5	166 141 25	177	065	478 5	190 164 26	
	340.930			89	343	310		92	
					340.930			89	
					2.380			181	meters
BM LB 665									BM LB 665 ALAMITOS AVE. & BROADWAY N. W. COR.

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W. Vogel WEATHER Clear INST. NO. 75234

NOTES BY M. B. DATE 10-11-65 TIME 12:30 ROD NO. 93-96

INDEXED C. J. GALLI DATE NOTES CHKD. N/W DATE OCT 22 '65

F.B. 3748 PG. 145

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM-LB665 TO
BM-LB665									BM-LB-665 Alamitos Ave. & Broadway N.W. Cor.
1.	182	165	483 5	195 169 26	158	836	459 5	171 145 26	
2.	166	057	467 5	200 152 68	186	947	487 5	218 154 64	π Bazen
	348	222		94	345	783		90	
	345	783						94	
	+ 2439							184	
BMLB 4									BM. LB. 4 3rd. St. & Alamitos Ave. N.E. Cor.

F.B. 3748 PG. 146 JOB NO. 882.43

SURVEY OF Long Beach Precise Level Survey

SURVEY BY Yoyc NOTES 12.

INDEXED C. J. GALLI DATE

WEATHER Cloudy INST. NO. 25234

TIME 915 ROD NO. 95-96

NOTES CHKD. N/W DATE OCT 22 '65

76P526 CE # 308 3-61

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

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB 665 TO BM LB 757
BM LB 665									BM LB 665 ALAMITOS AVE. & BROADWAY. N. W. COR.
1	175	598	476 5	203 147 56	150	361 ~~[illegible]~~	451 5	178 122 56	
2	137	812	438 5	159 115 44 100	162	799	463 5	185 139 46 102	
	313.410				313.160			100 202	π V. LIEBER.
	313.160								
+	0.250								
BM LB 757									BM LB 757 ALAMITOS AVE & 1st ST. N.E. COR.

JOB NO. ~~[illegible]~~ 088243 SURVEY OF ~~L.A. CO.~~ L.B. PRECISE LEVEL NET
SURVEY BY W. Voge
NOTES BY M B. DATE 10-11-65
INDEXED C. J. GALLI DATE
WEATHER Clear
TIME 12:40
NOTES CHKD [illegible] DATE OCT 22 '65
INST. NO. 45234
ROD NO. 95-96
F.B. 3748 PG. 147

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BMLB 757 TO
BM.LB757									BM. LB 757 Alamitos Ave. & 1st St. N.E. Cor.
1	171	807	4725	194 148 46	146	758	4475	168 124 44	
2.	158	737	4595	186 130 56	183	999	4845	211 155 56	
	330.544			102	330.757			100	⊼ Bazen
					330.544			102	
					-0.213			202	
BM.LB 665									BM. LB. 665 Alamitos Ave. & Broadway. NW. Cor.

F.B. 3748 PG. 148 JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Survey

SURVEY BY Vogt NOTES

INDEXED C. J. GALLI DATE

WEATHER Cloudy INST. NO. 25234

TIME 9:05 ROD NO. 95-96

NOTES CHKD. N/W DATE OCT 22 '65

76P526 CE # 308 3-61

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

N[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB 757 TO BM LB 3
BM LB 757									BM LB 757 ALAMITOS AVE E/ 1st ST.
1	150	359	451 5	171 130 41	157	894	458 5	177 137 40	
2	145	230	446 5	157 133 24 65	196	649	497 5	208 184 24 64 65	π V. LIEBER
	295	589			354	543			
					295	589			meters
					58	954			
BM LB 3									BM LB 3 ALAMITOS AVE & OCEAN BLVD N.E. COR.

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB. PRECISE LEVEL NET
SURVEY BY W. Voge WEATHER Clear INST. NO. 75234
NOTES BY M.B. DATE 10-11-65 TIME 12:50 ROD NO. 95-96
INDEXED C. J. GALLI DATE NOTES CHKD N/W DATE OCT 22 '65

F.B. 3748 Pg. 149

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB-3 TO BM LB 757
BM.LB-3									BM. LB.-3 Ocean Blvd & Alamitos N.E. Cor.
1	201	941	502 5	213 189 24	150	840	451 5	162 138 24	
2	163	645	464 5	184 142 42	155	790	456 5	176 134 42	
	365.586			66	306.630			66	⊼ Bazen
	306 630							66	
	+58.956							132	
BM LB 757									BM. LB. 757 Alamitos Ave. & 1st St.

F.B. 3748 PG. 156 JOB NO. 0882.43

SURVEY OF L.B. Precise Lead Net

SURVEY BY Vege NOTES VL

INDEXED C. J. GALL DATE

WEATHER Cloudy INST. NO. 75234

TIME 9:00 ROD NO. 05-96

NOTES CHKD [illegible] DATE OCT 22 '65

76P526 CE # 308 3-61

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

N[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BMLB3 TO BM LB774
BM LB-3									BM LB 3 ALAMITOS AVE & OCEAN BLVD N.E. COR
1	200	550	501 5	222 / 178 44	165	820	466 5	188 / 142 46	
2	195	809	496 5	213 / 177 36	134	550	435 5	152 / 116 36	
				80				82	
	396	359			300	370		80	
	300	370						162	
+	95	989							
BM LB774									BM. LB.-774 Ocean & Bonito N.W. Cor.

JOB NO. ~~0301.02~~ 0882.45 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET
SURVEY BY Yoe
NOTES BY Bazen DATE 10-11-65 WEATHER clear INST. NO. 75234
TIME 1:00 PM ROD NO. 95-96
INDEXED C. J. GALLI DATE NOTES CHKD N/W DATE OCT 22 '65

F.B. 3748 PG. 151

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 75234 ROD NO. 95-56 DATE OCT 22 '65

WEATHER Cloudy TIME 8:50 NOTES CHKD

F.B. 378 PG. 152 JOB NO. 0882.43

SURVEY OF L.B. Precise Level Sur.

SURVEY BY Yoke NOTES

INDEXED DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM. LB 774 TO BM. LB-3
BM. LB 774							BM. LB 774 BONITA & OCEAN N. W. Cor.
1	136 837	437 5	154 118 36	193 842	494 5	211 175 36	
2.	167 950	468 5	190 144 46	206 950	507 5	228 184 44	
	304.787 ✓		82	400.792 ✓		80 ✓	
	~~400.738~~			304.787 ✓		82 ✓	
				-96.005 ✓		162 ✓	
BM. LB-3							BM. LB-3 OCEAN BLVD & ALAMITOS N. E. Cor.

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 COLLED 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 LB 566 TO LB 205
BM LB 566									BM LB 566
									P.C.H. & Long Beach Bl.
1.	85	438	386 5	108 62 46	295	220	596 5	(6) 295 272 46	S.E. Cor.
2.	63	593	364 5	77 49 28 74	205	385	506 5	219 191 28 74	
3.	93	760	394 5	123 63 60 134	214	807	515 5	244 184 60 134	
4.	98	165	399 5	124 72 52 186	134	315	435 5	154 108 51 185	
5.	143	658	444 5	162 124 38 224	180	270	481 5	199 161 38 223	BM LB 205
	484	614			1029	997		224	P.C.H. & Pacific NE Cor
					484	614		447	Meters
				-	545	383			

JOB NO. ~~0801.02~~ 0802.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W J Voge DATE 10-28-65 WEATHER Sun - Smog INST. NO. 25238

NOTES BY Voge DATE 10-28-65 TIME 11:20 AM ROD NO. 95-96

INDEXED C. J. GALLI DATE NOV 1 '65 NOTES CHKD [signature] DATE NOV 1 '65

F.B. 3748 PG. 153

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB 205 TO BM LB 566
BM LB 205									BM LB 205 P.C. H. & Pacific NE Cor.
1.	175	760	476 5	193 156 37	138	460	439 5	157 119 38	
2.	154	385	455 5	179 129 50	119	310	420 5	146 92 54	
3.	217	212 ~~212~~	518 5	87 249 185 64	96	260	397 5	92 124 67 57	
4.	205	868	506 5	151 218 192 26	64	734	365 5	149 28 50 28	
5.	293	910	594 5	177 (½) 293 270 46	82	999	383 5	177 105 59 46	BM LB 566
				223				223	P.C. H. & Long Beach
	1047	135			501	763		223	Bl. SE Cor.
	501	763						446	Meters
+	545	372							

F.B. 3748 PG. 154

SURVEY OF Long Beach Precise Level SW

SURVEY BY Voge NOTES Voge

INDEXED C. J. [illegible] DATE

JOB NO. 0301.02

WEATHER SUN-SMOG INST. NO. 75234

TIME 11:00 AM ROD NO. 95-96

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]: ANY ADDITIONS OR CHANGES [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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB 205 TO BM LB 46
BM LB205									BM LB 205 P.C.H. & Pacific N.E. Cor
1.	190	080	491 5	207 173 34	163	200	464 5	180 146 34	
2.	149	488	450 5	175 123 52	155	475	456 5	181 129 52	
3.	153	520	454 5	187 119 68 86	159	577	460 5	192 126 66 86	
4.	166	455	467 5	189 142 47 154	180	933	481 5	205 155 50 152	
5.	141	615	442 5	172 110 62 202	145	059	446 5	175 115 62 202	
6.	155	307	456 5	161 149 12 263	192	900	493 5	198 186 12 264	BM LB 46 P.C.H. & Daisy S.E. Cor.
	956	465		275	997	144		276	
					956	465		275	
					-40	679		551	meters

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W J Voge

NOTES BY Voge DATE 10-28-65

INDEXED C. J. GALLI DATE

WEATHER Sun-Smog INST. NO. 75234

TIME 1:25 PM ROD NO. 95-96

NOTES CHKD [illegible] DATE NOV 1 '65

F.B. 3748 PG. 155

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB-46 TO BM LB-205
BM LB 46									BM LB 46 P.C.H. & Daisy S.E. Cor.
1.	193	303	494 5	199 / 187 12	157	155	458 5	163 / 151 12	
2.	147	371	448 5	177 / 118 59	143	641	444 5	175 / 111 64	
3	184	924	485 5	210 / 158 52 71	169	542	470 5	191 / 146 45 76	
4.	161	843	462 5	193 / 129 64 123	156	000	457 5	191 / 121 70 121	
5.	156	705	457 5	182 / 130 52 187	149	952	450 5	174 / 124 50 191	
6.	161	875	462 5	178 / 144 34 239	189	073	490 5	206 / 171 35 241	BM LB. 205 Pacific & P.C.H. NE Cor.
				273				276	
	1006	021 ✓			965	363 ✓		273	
	965	363 ✓						549	Meters
+	40	658 ✓							

F.B. 3798 PG. 156

JOB NO. 0301.02

SURVEY OF Long Beach Precise Level Survey

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

WEATHER Sun-SM09 INST. NO. 75234

TIME 10:35AM ROD NO. 95-96

NOTES CHKD [illegible] DATE NOV

76P526 CE # 308 3-61

PLEASE RETURN TO

L 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB46 TO BM LB1158
BM LB 46									BM LB 46 P.C.H. & Daisy S.E. Cor.
1.	186	886	487 5	215 / 153 57	164	735	465 5	193 / 136 57	
2.	152	595	453 5	181 / 123 58	138	483	439 5	169 / 106 63	
3.	205	039	506 5	115 / 229 / 180 49	89	965	390 5	120 / 112 / 66 46	
4.	283	645	584 5	164 / 301 / 265 36	9	965	310 5	166 / ½ 27 / 9 36	
5	296	480	597 5	200 / 296 / ½ 282 28	16	385	317 5	202 / 30 / 2 28	
6.	204	810	505 5	228 / 211 / 197 14	122	485	423 5	230 / 129 / 115 14	BM LB 1158
	1329.455			242	542.018			244	P.C.H. & Bridge over L.A. River
	542.018							242	S.E. Cor
	+787.437							486	Meters

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LB PRECISE LEVEL NET

SURVEY BY W.J. Voge DATE 10-28-65 WEATHER Sun-Smog INST. NO. 25234

NOTES BY Voge DATE 10-28-65 TIME 8:50 AM ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD DATE NOV 1 '65

F.B. 3748 PG. 157

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB 1158 TO BM LB 46
BM LB 1158									BM LB 1158 P.C.H. & Bridge over L.A. River S.E. Cor.
1.	115	265	416 5	122 108 14	198	128	499 5	205 191 14	
2.	12	952	313 5	(½) 21 12 28 42	292	580	593 5	(½) 292 278 28 42	
3.	10	787	311 5	(½) 28 10 36 78	284	654	585 5	302 266 36 78	
4.	91	495	392 5	114 68 46 124	206	360	507 5	230 182 48 126	
5.	140	150	441 5	170 109 61 185	154	226	455 5	184 124 60 186	
6.	170	235	471 5	199 142 57 242	192	270	493 5	220 163 57	BM LB 46 P.C.H. & Daisy S.E. Cor
	540.	884			1328.	218		243	
					540.	884		242	
					787.	334		485	meters.

F.B. 3748 PG. 158 JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Survey

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

WEATHER Sun-Smog INST. NO. 75234

TIME 9:35 AM ROD NO. 95-96

NOTES CHKD [illegible] DATE NOV 1 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BMLB1158 TO BM LB 71A
BMLB 1158									BM LB 1158
1.	275	664	576 5	301 / 249 52	123	700	424 5	149 / 97 52	P.C.H. & Bridge over L.A. River S.E. Cor.
2.	142	278	443 5	158 / 126 32	190	675	491 5	206 / 174 32	BM LB 71A
	417	942		84	314	375		84	P.C.H. & Bridge over L.A. River S.W. Cor.
	314	375						84	
	~~+3~~	~~567~~						168	Meters.
	~~+3~~	~~577~~							
	+103	567							

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A.~~ LB CO. PRECISE LEVEL NET

SURVEY BY W J Voge

NOTES BY Voge DATE 10-28-65 WEATHER Sun-Smog INST. NO 75234

INDEXED C. J. GALLI DATE TIME 9:15 AM ROD NO 95-96

NOTES CHKD [illegible] DATE NOV 1 '65

F.B. 3748 PG. 159

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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
BM LB71A									BM LB 71A
									P.C.H. & Bridge over L.A
1.	186	653	487 5	202 / 170 32	138	240	439 5	154 / 122 32	River S. Kl. Cor.
2.	120	590	421 5	146 / 94 52	272	587	573 5	298 / 246 52	BM 1158
	307	243		84				84	P.C.H. & Bridge over L.A.
					410	827		84	River S. E. Cor.
					307	243		168	meters.
					103	584			

F.B. 3748 Pg. 160 JOB NO. 0882.43
SURVEY OF L.B. Precise Level Sun
SURVEY BY Vogc NOTES Vogc
INDEXED C. J. GALLI DATE
WEATHER Sun-Sm
TIME 9:25 AM
NOTES CHKD