JOB NO. 0882.43 SURVEY OF ~~L.A. CO.~~ LONG BEACH PRECISE LEVEL NET

SURVEY BY [illegible] & BOWERS WEATHER INST. NO.

DATE AUG. & SEPT. 1966 TIME ROD NO.

DATE [illegible] 21 '60 NOTES CHKD DATE

LONG BEACH PRECISE LEVEL NET

JOB NO. 0882.43

CONTINUED FROM F.B. 3760

AUGUST AND SEPTEMBER 1966

DREIER
WILKS
SIEMANN
MCKNIGHT

BOWERS
BAZEN
ANDERSON
DON LEVY
CHERRY

Not microfilmed

PLEASE [illegible] CHANGES OR [illegible] AND [illegible]
LOS ANGELES CO[illegible]
403 LOS ANGELES [illegible]
76P[illegible] CE # 308 3-65

F.B. 3761 Pg. 6

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

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 _____

0882.43 L.B.

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

F.B. 3761 PG. 7

SURVEY BY R. C. Bowers WEATHER Clear INST. NO 75234

NOTES BY RCB DATE 8/19/66 TIME 9:10 ROD NO 95-96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE SEP 26 '66

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

76P528 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 Alamitos E TO BM-1 (T.G.)
Alamitos E.									Alamitos E. Bt. spk on boulder
1	99	853	400 5	107 91 16	167	776	468 5	173 161 12	
					99	853		16	
					67	923		28	
BM-1									BM 30-40 (BM-1) U.S.C.&G.S. (T.G.) Br. disk on Conc.

F.B. 3761 PG. 8 JOB NO. 0882.43

SURVEY OF L.B. Precise Level Net

SURVEY BY R. Bowen NOTES R. ANDERSON

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO 25234

TIME 1:50 P.M. ROD NO 95-96

NOTES CHKD DATE SEP 26 '66

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 RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM-1							FROM BM-1 (T.G.) TO Alamitos E.
1	184 100	485 5	191	116 156	417 5	123	
	116 155		177			109	
	+ 47 945		14			14	
						28	
Alamitos E							

F.B. 3761 Pg. 9

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

SURVEY BY R.C. Bowers WEATHER Clear INST. NO 25234

NOTES BY RCB DATE 8/19/66 TIME 9:15 ROD NO 95-96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE SEP 26 '66

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible]NGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible] ANY ADDITIONS OR CHANGES [illegible]IS SHEET MUST BE MADE OR C[illegible]ED 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-1 (T.G.) TO S.B.-39
BM-1 (T.G.)									BM#1 (T.G.) 30-~~39~~ 40
1	162	628	463 5	168 156 12	162	472	463 5	167 157 10	Br. disk in Conc.
	162	472						12	
+	0	156						22	
SB-39									S.B-39 (30-39) Cut spk in Conc.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 SB-39 TO BM#1 (T.G.)
SB-39									SB-39
1	196	500	497 5	200 192 8	196 196 -0	665 500 165	497 5	200 192 8 8 16	
BM-1 (T.G.)									BM-1 (T.G.)

WEATHER CLEAR & MILD INST. NO 25234

TIME 1:45 PM ROD NO 95-96

NOTES CHKD [signature] DATE SEP 26 '88

F.B. 3761 PG. 10

JOB NO. 0882.43

SURVEY OF L.B. Precise Level Net

SURVEY BY R. Boyers NOTES R. Anderson

INDEXED C. J. GALLI DATE

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.

JOB NO. ~~0501.02~~ 0882.43 SURVEY OF ~~L.A.~~ L.B. CO. PRECISE LEVEL NET

SURVEY BY R.C. Bowers

NOTES BY R.C.B. DATE 8/19/66 WEATHER Clear INST. NO 25234

INDEXED C.J. GALLI DATE TIME 7:25 ROD NO. 25-26

NOTES CHKD DATE DATE SEP 26 '66

F.B. 3761 Pg. 11

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From SB-39 To BM 30-32 B
SB-39									SB-39 (30-39) Cut spk in Conc.
1	185	900	486 5	217 / 153 64	131	718	432 5	163 / 99 64	
2	129	481	430 5	165 / 93 72	52	198 ~~249~~	353 5	87 / 17 70	
				136				134	
3	62	408	363 5	113 / 11 102	111	357	412 5	163 / 59 104	
				238				238	
4	119	561	420 5	142 / 96 46	253	409	554 5	253 / 230 (½) 46	
				284				284	
	497	350			548	682		284	
					497	350		568	
				—	51	332			
BM 30-32B									BM 30-32B (USA-CE SGI-1958) 123 No. of Gangway #7 F.B. 1396-180

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 30-32B TO SB-39
BM 30-32B									BM 30-32B (USA CE SG1-1958) 120 ft. No. of Gangway #7 FB 1396-180
1	237	880	538 5	237 210 (1/2) 54	105	460	406 5	133 75 58	
2	143	015	444 5	195 ~~[illegible]~~ 104	95	215	396 5	144 44 100	
3	58	543	359 5	93 23 158 70	134	050	435 5	170 98 158 72	
4	152	568	453 5	185 119 228 66	206	110	507 5	238 174 230 64	
				294				294	
	592	006			540	835		294	
	540	835						588	
+	51	171							
BM SB-39									BM SB-39 (30-39) Cut spk in Conc.

F.B. 3761 PG. 12

JOB NO. 0882.93

SURVEY OF L.B. Precise Level Net

SURVEY BY R. Bowers NOTES R. Anderson

INDEXED C. J. GALLI DATE

WEATHER CLEAR & MILD INST. NO. 25239

TIME 1:20 P.M. ROD NO. 95-96

NOTES CHKD. [illegible] DATE SEP 26 '66

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.

JOB NO. ~~9001.02~~ 2.43 SURVEY OF ~~L.A. CO.~~ L.B. PRECISE LEVEL NET
SURVEY BY E.C. Bowers
NOTES BY E.C.B.
INDEXED C.J. GALLI
DATE 8/19/66
DATE
WEATHER Clear
TIME 10:10
NOTES CHKD
DATE
INST. NO 25234
ROD NO 25-96
DATE SEP 26 66
F.B. 3761 Pg. 13

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-32B TO BM 30-32A
BM 30-32B									BM 30-32B (USA-CE SG-1-1958) 122 ft. No. of Gangway No 7 FB-1396-180
1	239	302	540	5	128	259	429	5	
				239 201 (½) 76				166 90 76	
2	137	827	438	5	119	878	420	5	
				183 91 92				166 72 94	
				168				170	
3	144	362	445	5	140	079	441	5	
				178 110 68				177 103 74	
				236				244	
4	140	462	441	5	99	246	400	5	
				150 130 20				107 91 16	
				256				260	
	661	953			487	462		252	
	487	462						516	
	+ 174	491							
BM 30-32A									BM 30-32A 5± No. of Main Flag Pole, Marina Bldg. FB. 1396-179

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD. [illegible] DATE SEP 26 '66

F.B. 3761 PG. 14 JOB NO. 0882.43

SURVEY OF L.B. Precise Level Net

SURVEY BY C. J. GALLI NOTES _____

INDEXED _____ DATE _____

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 30-32A TO BM 30-32B
BM 30-32A							BM 30-32A 5º No. of Main Flag Pole, Marina Bldg. FB 1396-179
1	122 518	423 5	130 114 16	160 968	461 5	169 151 18	
2	157 037	458 5	193 121 72	164 197	465 5	199 129 70	
			88			88	
3	141 583	442 5	189 93 96	159 422	460 5	205 113 92	
			184			180	
4	116 550	417 5	153 116 (½) 74	227 542	528 5	227 (½) 188 (½) 78	
			258			258 ✓	
	537 688 ✓			712 129 ✓		258 ✓	
				537 688 ✓		516	meters.
				174 441 ✓			
BM 30-32B							BM 30-32B 122 No. of gangway #7 FB 1396-180

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 RIGHT	MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 30-32A TO BM 30-31B
BM 30-32A									BM 30-32A 5° No. of Main Flag Pole, Marina Bldg. F.B. 1396-179
1	79	851	380 5	113 39 (½) 66	167	391	468 5	201 133 68	
					79	851		68	
					− 87	490		134	
BM 30-31B									BM 30-31B (E-978) 415'± No. of Marina Bldg, W. side of Marina Dr, Top Catch basin F.B. 3705-199

JOB NO. ~~0501.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ L.B. PRECISE LEVEL NET

SURVEY BY R.C. Bowers WEATHER Clear INST. NO 75234

NOTES BY R.S.B. DATE 8/19/66 TIME 10:45 ROD NO 95-96

INDEXED C.J. GALLI DATE NOTES CHKD DATE SEP 26 '66

F.B. 3761 Pg. 15

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-31B TO BM 30-32A
BM 30-31B									BM 30-31B (E 97B)
1	174	369	475 5	208 140 68	87	028	388 5	120 87 (1/2) 66	415'± No. of Marina Bldg, w. side Marina Dr, Top Catch basin F.B. 3705-199
	87	028						68	
+	87	341						134	meters.
BM 30-32A									BM 30-32A 5° No. of Main Flag Pole, Marina Bldg F.B. 1396-179

WEATHER Clear INST. NO. 25234

TIME 11:15 ROD NO. 95-96

NOTES CHKD [signature] DATE SEP 26 '96

F.B. 3761 PG. 16 JOB NO. 0882.43

SURVEY OF L.B. Precise Level Net

SURVEY BY Bowers NOTES Bazen

INDEXED C. J. GALLI DATE

0882.43 L.B.

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

F.B. 3761 PG. 17

SURVEY BY Bowers WEATHER Clear INST. NO. 75234

NOTES BY Bazen DATE 8/23/66 TIME 11:20 ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE SEP 26 '66

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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 30-32A TO BM 30-31B
BM 30-32A									BM 30-32A
1	84	801	385 5	117 (1/2) 84 66	172	211	473 5	206 138	5° No. of Main Flag Pole, Marina Bldg
					84	801		68 66	F.B. 1396-179
					87	410		134 m.	
									RERUN
BM 30-31B									BM 30-31B (E-978) 415'± No. of Marina Bldg, w. side of Marina Dr., Top Catch basin F.B. 3705-199

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 BM30-31B TO BM30-32A
BM 30-31B									BM30-31B (E-978) 415' ± No of Marina Bldg., W. side Marina Dr. Top C.B. F.B. 3705-199
1	173 86 89	733 412 321	474 5	207 139 68	86	412	387 5	119 86 (½) 66 68 134	RERUN
BM 30-32A									BM30-32A 5° So. of Main Flag Pole, Marina Bldg. F.B. 1396-179

WEATHER Clear INST. NO. 25234
TIME 11:30 ROD NO. 95-96
NOTES CHKD [illegible] DATE SEP [illegible]

F.B. 3761 PG. 18 JOB NO. 0882.43
SURVEY OF L.B. Precise Level Net
SURVEY BY Bowers NOTES Bazen
INDEXED C. 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] 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 30-31B TO BM 30-31A
BM 30-31B									BM 30-31B (E 978) 415' ± No. of Marina Bldg, w. side of Marina Dr- Top Catch basin F.B. 3705-199
1	170	658	471 5	209 131 78	129	912	430 5	166 92 74	
2	143	381	444 5	179 107 72	144	601	445 5	180 108 72	
				150				146	
3	127	212	428 5	170 84 86	143	592	444 5	186 100 86	
				236				232	
4	145	208	446 5	189 101 88	108	031	409 5	152 64 88	
				324				320	
5	135	617	436 5	147 123 24	178	918	479 5	190 166 24	
				348				344	
	722	076			705	054		348	
	705	054						692	
+	17	022							
BM. 30-31A									BM 30-31A Marina Dr & 2ND st. F.B. 1396-179 {235' E. of ℄ int. on Marina Dr. ℄

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ L.B. PRECISE LEVEL NET
SURVEY BY R.C. Bowers WEATHER Clear INST. NO 75234
NOTES BY R.C.B. DATE 8/19/66 TIME 11:00 ROD NO 95-96
INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE SEP 26 '66

F.B. 3761 Pg. 19

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3761 PG. 20

SURVEY OF L.B. Precise Level Net JOB NO. 0882.43

SURVEY BY Bowers NOTES Bazen

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 11:00 ROD NO. 95-96

NOTES CHKD. DATE SEP 26 '68

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 30-31 A TO BM 30-31B
BM 30-31A							BM 30-31 A
1	164 913	465 5	198 130 68	160 580	461 5	198 126 88	Marina Dr. & 2ND St. 235' E. of ℄ int of Marina Dr. F.B. 1396-179
2	165 733	466 5	205 125 80 148	146 793	447 5	189 103 86 154	
3	164 758	465 5	203 125 78 226	164 469	465 5	198 130 68 222	
4	140 411	441 5	177 103 74 300	180 847	481 5	219 141 78 300	
						300	
	635 815			652 689		600	M.
				635 815			
				16 874			
BM 30-31B							BM 30-31B (E 978) 415'± No. of Marina Bldg, w. side of Marina Dr. Top Catch basin F.B. 3705-199

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] 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 30-31A TO BM 30-30C
BM 30-31A									BM 30-31A Marina Dr. & 2ND St. 235' E. of ℄ Int. on Marina Dr. ℄ FB 1396-179
1	184	080	485 5	212 156 56	185	575	486 5	214 156 58	
2	123	733	424 5	168 78 90	168	608	469 5	209 127 82	
				146				140	
~~3~~	307	813	✓ 8		354	183	✓	146	
					307	813	✓	286	
~~4~~				—	46	370	✓ 8		
BM 30-30C									BM 30-30C (LB K-6A) 150'± E of ℄ Int of Pac. Coast Hwy & 2ND St. F.B. 3705-199

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

SURVEY BY R.C. Bowers WEATHER Clear INST. NO. 25234

NOTES BY R.C.B. DATE 8/19/66 TIME 1:05 ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE SEP 26 '66

F.B. 3761 PG. 21

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 30-30C TO BM 30-31A
BM 30-30C									BM 30-30C (LB K-6A) 150' ± E. of ℄ int. of Pac. Coast Hwy. & 2ND St. F.B. 3705-199
1.	172	651	473 5	214 130 84	127	933	428 5	170 84 86	
2	180	691	481 5	208 152 56	178	611	479 5	205 151 54	
				140				140	
	353	342			306	544		140	
	306	544						280	meters
+	46	798							
BM 30-31A									BM 30-31A Marina Dr. & 2ND St., 235 E of ℄ Int. on Marina Dr. F.B. 1396-179

WEATHER Clear INST. NO. 25234

TIME 1090 ROD NO. 95-96

NOTES CHKD [signature] DATE SEP 25 '68

F.B. 3761 PG. 22 JOB NO. 0882.43

SURVEY OF L.B. Precise Level Net

SURVEY BY Bowers NOTES Bazen

INDEXED C. J. GALLI DATE

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 Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 30-31A TO BM 30-30C
BM 30-31A							BM 30-31A Marina Dr. & 2ND St. 235'± E of ℄ Int. on Marina Dr ℄ FB 1396-179
1	179 715	480 5	206 152 54	156 ~~157~~ 037	456 ~~454~~ 5	183 127 56	
2	100 545	401 5	144 56 ~~88~~	171 855	472 5	212 130 82	
	280 260		142	326 892		138	
				280 260		142	
				- 46 632		280	
							RERUN
BM 30-30C							BM 30-30C (LB K-6A) 150'± E of ℄ Int. of Pac. Coast Hwy & 2ND St. F.B. 3705-199

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.C. BOWERS
NOTES BY R. ANDERSON DATE 8-23-66 WEATHER CLEAR & MILD INST. NO.
TIME 2:15 P.M. ROD NO. 95-96
INDEXED G. J. GALLI DATE NOTES CHKD. DATE SEP 26 '66

F.B. 3761 PG. 23

F.B. 3761 Pg. 24 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

76P526 CE # 308 3-61

PLEASE RETURN TO
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.

JOB NO. ~~0501-02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ L.B. PRECISE LEVEL NET
SURVEY BY R.C. Bowers DATE 8/19/66 WEATHER Clear INST. NO. 15224
NOTES BY RCB TIME 1:30 ROD NO. 95-96
INDEXED C.J. GALLI DATE NOTES CHKD DATE SEP 26 '66
F.B. 3761 Pg. 25

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-30C TO BM 30-30A
BM 30-30C									BM 30-30C (LB K-6A) 150± E. of & Int. of Pac. Coast Hwy & 2ND St. F.B. 3705-195
1	156	761	457 5	193 129 74	171	140	472 5	288 234 74	
2	86	063	387 5	126 46 80 154	117	949	418 5	157 77 80 154	
3	145	925	446 5	193 97 96 250	135	168	436 5	183 87 96 250	
4	201	881	502 5	241 162 80 330	234	849	535 5	274 194 80 330	
	590	630			659	106		330	
					590	630		660	
					68	476			
BM 30-30A									BM 30-30A E. Side of Los Cerritos Ch. & Pac. Coast Hwy, 180' S. of S.W. Cor. bridge FB 1376-176

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3761 PG. 26 JOB NO. 0882.43

SURVEY OF L.B. Precise Level Net

SURVEY BY Baker NOTES Bazen

INDEXED C. J. GALLI DATE

WEATHER overcast INST. NO. 25278

TIME 10:10-10:40 ROD NO. 25-96

NOTES CHKD. DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 30-30A TO BM 30-30C
BM 30-30A									BM 30-30A E. Side Los Cerritos Ch. & Pac. Coast Hwy & 180' So. of S.W. Cor. bridge FB. 1396-176
1	253	038	554 5	293 213 80	185	307	486 5	226 144 82	
2	91	738	392 5	139 43 96 176	125	408	426 5	173 77 96 178	
~~3~~			~~5~~					~~176~~ ~~354~~ ~~44~~	
3	177	144	478 5	215 139 76 252	157	311	458 5	194 120 74 252	
4.	169	979	470 5	206 132 74 326	~~160~~	~~904~~	~~461 5~~	~~202~~ ~~118~~ ~~4~~	
					155	575	456 5	192 118 74 326	
	691	899	✓		623	601	✓	326	
	623	601	✓					652	Meters
+	68	298	✓						
BM 30-30C									BM 30-30C

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.

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

SURVEY BY R.C. Bowers WEATHER Clear INST. NO 75224

NOTES BY R.C.B. DATE 8/19/66 TIME 2:10 ROD NO 75-96

INDEXED C.J. GALLI DATE NOTES CHKD DATE SEP 26 '66

F.B. 3761 PG. 27

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-30A TO BM 30-30
BM 30-30A									BM 30-30A E. side of Los Cerritos Ch. & Pac. Coast Hwy, 180' So. of S.W. Cor. bridge FB 1396-176
1	279	179	580 5	285 273	211	769	512 5	317 305 12 12 29	
	211	769							
+	67410								
BM 30-30									BM 30-30 (L.B. K-5) E. side of Los Cerritos Ch. & Pac. Coast Hwy, 1553 So. of S.W. Cor. bridge - FB 1396-176

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 30-30 TO BM 30-30A
BM 30-30									BM 30-30 (LB K-5)
1	143	941	444 5	147 / 138 9	211 / ~~210~~ 363	512 5	215 / 207 8		E. Side Los Cerritos Ch. & Pac Coast Hwy, 155 3 So. of S.W. Cor. bridge F.B. 1396-176
					143 941			9	
				—	67 422			17	meters
BM 30-30A									BM 30-30 A E. Side Los Cerritos Ch. & Pac. Coast Hwy, 180' So. of S.W. Cor. bridge F.B. 1396-176

WEATHER overcast INST. NO 25234

TIME 10:00 ROD NO 95-96

NOTES CHKD [illegible] DATE SEP 26 '66

F.B. 3761 PG. 28 JOB NO. 0882.43

SURVEY OF L.B. Precise Level Net

SURVEY BY Bowers NOTES Bazen

INDEXED C. J. GALLI DATE

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 30-30 TO BM 30-30B
BM 30-30									BM 30-30 (LB. K-5)
1	286	223	587 5	293 239 14	43	791	344 5	50 36 14	E. side of Los Cerritos Ch. & Pacific Coast Hwy, 155± So. of S.W. Cor. bridge FB 1396-176
	43	791						28	
+	242	432							
BM 30-30B									BM 30-30 B (K-5 Aux 1) 73'± So. of S.W. Cor Los Cerritos Bridge, W. side of Pac. Coast Hwy. FB-3705-193

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

SURVEY BY R.C. Bowers WEATHER Clear INST. NO. 75234

NOTES BY RCB TIME 2:30 ROD NO. 95-96

INDEXED C. J. GALLI DATE 8/14/66 NOTES CHKD DATE Oct 25 '68

F.B. 3761 PG. 29

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 Overcast INST. NO. 75234
TIME 9:50-10:00 ROD NO. 25-26
NOTES CHKD. DATE SEP 26 '66

F.B. 3761 PG. 30 JOB NO. 0882.43
SURVEY OF L.B. Precise Level Net
SURVEY BY Bauer's NOTES BAZEN
INDEXED C. J. GALLI DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-30B TO BM 30-30
BM 30-30B									BM 30-30 B (L.B. K-5)
1	27	692	3305	36 22 14	272 168 27 692 242 476		573 5	279 266 13 14 27	E. Side of Los Cerritos Ch. & Pac. Coast Hwy, ~~[illegible]~~ 73'± So. of S.W. Cor. bridge ~~FB. 1396-176~~ FB. 3705-193 Meters.
BM 30-30									BM 30-30 (L.B. K-5) E. Side of Los Cerritos Ch. & Pac. Coast Hwy, 155± So. of S.W. Cor. bridge FB. 1396-176

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 [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 30-30B TO BM 30-29A
BM30-30B									BM 30-30 B 73'± So. of S.W. Cor, Los Cerritos bridge, W. side of Pacific Coast Hwy FB 3707-193
1	237	183	538 5	264 210 54	161	903	462 5	189 133 56	
2	143	903	444 5	153 133 20	180	175	481 5	189 171 18	
				74				74	
	381	086			342	078		74	
	342	078						148	
+	39	008							
BM30-29A									BM 30-29 A W. Side Los Cerritos Ch, on Pac. Coast Hwy, N.W. Cor bridge on walk FB-1396-176

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

SURVEY BY R.C. Bowers WEATHER Clear INST. NO. 75234

NOTES BY RCB DATE 8/19/66 TIME 2:35 ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE SEP 26 '66

F.B. 3761 PG. 31

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3761 PG. 32 JOB NO. 0882.43

SURVEY OF L.B. Precise Levels

SURVEY BY Bowers NOTES BAZEN

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 75234

TIME 9:15 - 9:45 ROD NO. 95-96

NOTES CHKD. [illegible] DATE SEP 26 '66

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-29A TO BM 30-30B
BM 30-29A									BM 30-29A W. Side Los Cerritos Ch., on Pac. Coast Hwy, N.W. Cor bridge on walk FB. 1396-176
1	~~200~~ ~~142~~ 199	752	~~501~~ 500	5	226 172 173	142	474	5	201 145 56
2	132	740	433	5	141 122 198	277	499	5	207 188 19
	332	492	✓	54 19 73	371 332	419 492	✓ ✓		75 73 148
					− 38	927	✓		
BM 30-30B									BM 30-30B 73'± so. of S.W. Cor, Los Cerritos bridge, w. side of Pac. Coast Hwy FB 3707-193

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N T: ANY ADDITIONS OR CHANGES S IS SHEET MUST BE MADE OR C ED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

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

SURVEY BY R.C. Bowers WEATHER Clear INST. NO. 75224

NOTES BY R.C.B. DATE 8/19/66 TIME 2:50 ROD NO. 95-96

INDEXED G. J. GALLI DATE NOTES CHKD DATE SEP 26 '66

F.B. 3761 PG. 33

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
									FROM BM 30-29A TO BM 30-28A
BM 30-29A									BM 30-29A W. Side Los Cepritos Ch., on Pac. Coast Hwy, N.W. Cor bridge on Walk F.B. 1396-176
1	61	702	362 5	86 36 50	279	725	580.5	279(½) 254(½) 50	
2	120	915	421 5	151 89 62 112	164	985	465 5	196 132 64 114	
3	148	420	449 5	184 112 72 189	215	735	516 5	253 177 76 190	
4	154	230	455 5	194 114 80 264	98	235	399 5	138 58 80 270	
5	229	103	530 5	269 194 70 334	66	535	367 5	98 34 64 334	
6	200	075	501 5	214 186 28 362	88	115	389 5	102 74 28 362	
	914	445			913	330		362	
+	913	330						724	
	1	115							
BM 30-28A									BM. 30-28A (F-168-1962) Pac. Coast Hwy & Colorado S.W. Cor. - F.B. 3705-163

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 30-28A TO BM 30-29A
BM 30-28A									BM 30-28A (F 168-1962) Pac. Coast Hwy & Colorado S.W. Cor. F.B. 3705-163
1	90	733	391 5	103 77 26	204	000	505 5	218 190 28	
2	68	528	369 5	100 36 64	225	855	526 5	260 190 70	
				90				98	
3	101	914	402 5	141 61 80	155	595	456 5	190 120 70	
				170				168	
4	210 ~~211~~	882	511 ~~512~~ 5	247 173 74	148	140	449 5	185 111 74	
				244				242	
5	164	445	465 5	197 131 66	122	930	423 5	153 91 62	
				310				304	
6	266	005	567 5	288 244 44	47	130	348 5	72 22 50	
				354				354	
	902	507			903	650		354	
					902	507		708	MTRS
					1	143			
BM 30-29A									BM 30-29A W. Side Los Cerritos Ch. on Pac. Coast Hwy, N.W. Cor. bridge on walk F.B. 1396-176

WEATHER Sunny INST. NO.

TIME 2:50 ROD NO.

NOTES CHKD [illegible] DATE SEP 26 '66

F.B. 3761 PG. 34 JOB NO. 0882.43

SURVEY OF Lib. Precise Level Net

SURVEY BY Bowers NOTES Pouleyy

INDEXED C. J. GALLI DATE

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 CHECKED 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 30-28A TO BM 30-27
BM30-28A									BM30-28A (F-168-1962) Pac. Coast Hwy & Colorado S.W. Cor. F.B. 3705-163
1.	212	043	513 5	247 177 70	72	075	373 5	106 38 68	
2	227	455	528 5	243 211 32	84	131	385 5	100 68 32	
3	235	301	536 5	246 224 22	127	870	428 5	139 115 24	
				102 / 124				100 / 124	
+	674	799			284	076		124	
	284	076						248	Meters.
+	390	723							
BM 30-27									BM 30-27 (L.B. J.-4) Pac. Coast Hwy, 0.1 Mi. No. of ~~Colorado~~ Colorado St. & 40' E. of ℄ Coast Hwy, F.B. 1396-28

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

SURVEY BY R.C. Bowers

NOTES BY ~~R.B.~~ Bazen DATE 8-22-66

INDEXED J. GALLI DATE

WEATHER Clear

TIME 9:15

NOTES CHKD [illegible] DATE

INST. NO 25234

ROD NO 95-96

SEP 26 '66

F.B. 3761 PG. 35

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 30-27 TO BM 30-28A
BM 30-27									BM 30-27 (△ LBJ-4) Pac. Coast Hwy, 0.1 Mi. No. of Colorado St. & 40'E of Pac. Coast Hwy ℄ F.B. 1396-28
1	125	740	426 5	136 114 22	230	631	531 5	242 218 24	
2	81	970	382 5	96 66 30 52	237	158	538 5	253 221 32 56	
3	80	535	381 5	116 44 72 124	211	165	512 5	243 179 64 120	
	288	245			678	954		124	
					288	245		244	MTRS
					390	709			
									BM 30-28A (F-168-1962) Pac. Coast Hwy & Cororado St. S.W. Cor. FB 3705-163

F.B. 3761 PG. 36

JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Net

SURVEY BY Bowers NOTES Donley

INDEXED C. J. GALLI DATE

WEATHER Sunny INST. NO. 25-234

TIME 2:30 ROD NO. 95-96

NOTES CHKD [illegible] DATE SEP 25 '66

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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 30-27 TO BM 30-25A
BM 30-27									BM 30-27 (@ L.B. J-4) Pac. Coast Hwy, 0.1 Mi. N. of Colorado ST. & 40' E. ℄ Coast Hwy. F.B. 1396-28
1.	274	748	575 5	286 262 24	76	625	377 5	88 64 24	
2.	274	165	575 5	288 260 28	44	735	345 5	58 30 28	
3	297	048	598 5	297 281 ½ 52 32	59	893	360 5	75 43 52 32	
4	274	823	575 5	289 259 84 30	65	203	366 5	80 50 84 30	
5	281	633	582 5	295 267 114 28	63	963	364 5	77 49 114 28	
6.	259	680	560 5	271 247 142 24	106	295	407 5	119 91 142 28	
7.	222	147	523 5	232 212 166 20	69	389	370 5	78 60 170 18	
				186				188	
	1884	246	✓		486	103	✓	186	
	486	103	✓					374	
+	1398	143	✓						
BM 30-25A									BM 30-25A (Y-766 USC&GS.) @ INT. Pac. Coast Hwy & Bellfl. BLVD. N.E. Cor. F.B. 1396-166 3705-159

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

SURVEY BY R.C. Bowers DATE 8/22/66 WEATHER Clear INST. NO 25234

NOTES BY B.G. Ben DATE 8/22/66 TIME 9:35 ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE SEP 26 '66

F.B. 3761 PG. 37

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 BM30-25A TO BM 30-27
BM30-25A									BM30-25A (Y-766, USC&GS) @ Int Pac. Coast Hwy & Bell flower Blvd., N.E. Cor F.B. 1396-166 F.B. 3705-159
1.	68	022	369 5	77 59 18	216	670	517 5	225 207 18	
2	87	385	388 5	99 75 24	243	262	549 5	256 230 26	
				42				44	
3	47	350	348 5	61 33 28	268	475	569 5	282 254 28	
				70				72	
4	49	485	350 5	64 34 30	256	468	557 5	271 241 30	
				100				102	
5	47	202	348 5	63 31 32	271	168	572 5	287 255 32	
				132				134	
6	29	781	330 5	43 15 28	274	310	575 5	288 260 28	
				160				162	
7	65	566	366 5	77 53 24	262	712	563 5	274 250 24	
				184				186	
	394	791			1793	065		184	
					394	791		370	MTRS
					1398	274			
BM30-27									BM-30-27 (△LB J-4) Pac. Coast Hwy, 0.1 Mi. No. of Colorado St. & 40' E. of ℄ Pac. Coast Hwy F.B. 1396-28

WEATHER SUNNY INST. NO. 75234

TIME 2:10 ROD NO. 95-96

NOTES CHKD [illegible] DATE SEP 26 '00

JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Net

SURVEY BY Bowers NOTES Dinley

INDEXED C. J. GALEN DATE

F.B. 3761 PG. 38

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 30-25A TO BM 30-26A
BM 30-25A									BM 30-25A (Y Int. Coast Hwy & BELLFL. BLVD. N.E. Cor. F.B. 1396-166 " 3705-159
1.	143	701	444 5	161 125 36	193	402	494 5	209 177 32	
					143	701		36	
					49	701		68	
BM 30-26A									BM 30-26A Int. Coast Hwy & Bellfl. BLVD. S.W. Cor. F.B. 1396-166 " 3705-159

JOB NO. ~~0001.02~~ 2882.43 SURVEY OF ~~L.A. CO.~~ L.B. PRECISE LEVEL NET

SURVEY BY E. C. Bowen WEATHER Clear INST. NO. 75234

NOTES BY Bazen DATE 8/22/66 TIME 10:20 ROD NO. 95-96

INDEXED C. J. Galli DATE NOTES CHKD DATE SEP 26 '66

F.B. 3761 PG. 39

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-26A TO BM 30-25A
BM 30-26A									BM 30-26A
1	191	083	492 5	206 176 30	141	418	442 5	157 125 32	Int Coast Hwy & Bellflower Blvd, S.W. Cor.
	141	418						30	F.B. 1396-166
~~2~~ +	49	665						62	F.B. 3705-159
BM 30-25A									BM 30-25A
									Int. Pac. Coast Hwy & Bellflower Blvd., N.E. Cor.
									F.B. 1396-166
									FB 3705-159

WEATHER Clear INST. NO. 75234
TIME 2:10 ROD NO. 85-96
NOTES CHKD [illegible] DATE SEP 26 '68

F.B. 3761 PG. 40
SURVEY OF Long Beach Precise Level Net JOB NO. 0882.43
SURVEY BY Bowers NOTES Donley
INDEXED G. J. GALLY DATE

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 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 30-26A TO BM 30-38
BM 30-26A									BM 30-26A INT. Pac. Coast Hwy & Bellfl. Blvd., S.W. Cor.
1	224	221	525 5	250 198 52	172	130	473 5	196 148 48	
2	141	765	442 5	169 113 56	214	859	515 5	243 185 58	
3	69	893	370 5	108 90 48 42	289	293	590 5	106 289 269 ½ 40	F.B. 1396-166 F.B. 3705-159
4	40	399	341 5	150 53 27 26	286	045	587 5	146 302 270 32	
5	45	500	346 5	176 59 31 28	253	253	554 5	178 267 239 28	
6	57	119	358 5	204 77 37 40	189	223	490 5	206 208 170 38	
7	179	799	480 5	244 206 152 54	124	785	425 5	244 152 96 56	
8	153	625	454 5	298 177 129 48	176	092	477 5	300 200 152 48	
9	91	980	392 5	346 120 62 58	234	299	535 5	348 266 202 64	
10	73	435	374 5	404 111 35 76	197	693	498 5	412 231 163 68	
				480 ✓				480 ✓	
BM 30-38					2137	672 ✓		480	BM 30-38
	1077	736 ✓			1077	736 ✓		960	meters On Pac. Coast Hwy, 182 ft NW of of NW Curb Ref. of Santiago Ave - Top Catch Basin F.B. 1396-182
					1059	936 ✓			

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

SURVEY BY R.C. Bowers

NOTES BY C. J. GALLI DATE 8-27-66

INDEXED DATE

WEATHER Sunny - clear INST. NO. 75234

TIME 10:30 - 11:15 ROD NO. 95-96

NOTES CHKD. [illegible] DATE SEP 26 '68

F.B. 3761 PG. 41

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 30-38 TO BM 30-26A
BM 30-38									BM 30-38
1	201	840	502 5	237 165 72	79	100	380 5	114 44 70	On Pac. Coast Hwy, 182' N.W. of N.W. Curb Ret. of Santiago Ave.
2	234	124	535 5	264 204 60	90	928	391 5	120 60 60	Top Catch basin
3	181	434	482 5	205 157 132 48	142	202	443 5	165 119 130 46	F.B. 1396-182
4	117	612	418 5	143 91 180 52	191	690	492 5	219 163 176 56	
5	200	490	501 5	219 181 232 38	62	438	363 5	81 43 232 38	
6	249	623	550 5	263 235 270 28	43	122	344 5	57 29 270 28	
7	282	380	583 5	296 268 298 28	38	850	339 5	52 29 298 28	
8	290	104	591 5	290 270 326 40	65	954	366 5	86 44 326 42	
9	203	184	509 5	231 175 366 56	128	714	429 5	136 100 368 56	
10	168	185	469 5	193 143 422 50	225	888	526 5	250 200 424 50	
				472				474	
BM30-26A	2128	976			1068	886		472	BM 30-26A
	1068	886					MTRS.	946	Int. Pac. Coast Hwy & Bell flower Blvd., S.W. Cor.
	+ 1060	090							F.B. 1396-166
									FB 3705-159

WEATHER SUNNY INST. NO.

TIME 1:30 ROD NO. 95-96

NOTES CHKD. [illegible] DATE SEP 26 '66

JOB NO. 0882.43

SURVEY OF L.B. Precise Level Net

SURVEY BY Bowers NOTES Dorley

INDEXED C. J. GALLY DATE

F.B. 3761 PG. 42

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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 30-38 TO BM 30-23
BM 30-38									BM 30-38 On Pac. Coast Hwy, 182 ft. N.W. of the N.W. Curb Ret. of Santiago Ave., Top Catch basin F.B. 1396-182
1	189	823	490 5	222 156 66	56	598	357 5	89 23 66	
2	259	269	560 5	293 225 68 134	57	119	358 5	91 23 68 134	
3	253	628	554 5	287 219 68 202	102	660	403 5	136 68 68 202	
4	173	641	474 5	189 157 32 234	191	089	492 5	207 175 32 234	
	876	361			407	466		234	
	407	466						468	
+	468	895							
BM 30-23									BM 30-23 (Long Beach I-3 U.S. 4611) Anaheim St. & Pac. Coast Hwy, 358 ft. E. of ℄ Int, on Anaheim St. ℄ Prod in well & Cover F.B. 1396-26

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

SURVEY BY R.C. Bowers WEATHER Clear INST. NO. 75243

NOTES BY RCB DATE 8/22/66 TIME 11:30 ROD NO. 95-96

INDEXED C.J. GALLI DATE NOTES CHKD [illegible] DATE SEP 26 '66

F.B. 3761 PG. 43

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 30-23 TO BM 30-38
BM 30-23									BM 30-23 Anaheim St. & Pac. Coast Hwy, 35.8' E. of ℄ Int'g on Anaheim St. ℄ Prod, well & Cover FB 1396-26
1	193	983	494 5	209 177 32	175	884	476 5	190 160 30	
2	108	305	409 5	141 75 66 98	260	500	561 5	294 226 68 98	
3	56	777	357 5	90 22 68 166	252	488	553 ~~558~~ 5	286 218 68 166	
4	52	270	353 5	85 19 66 232	191	444	492 5	224 158 66 232	
	411	335			880 411	316 335		232 464	
					468	981			
BM 30-38									BM 30-38 On Pac. Coast Hwy, 182' N.W. of the N.W. Curb Ret. of Santiago Ave., top Catch basin F.B. 1396-182

F.B. 3761 PG. 44

JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Net

SURVEY BY Bowers NOTES RCD

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 1:05 ROD NO. 95-96

NOTES CHKD. [illegible] DATE SEP 26 '06

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 B.M. 30-23 TO B.M.L.B. 109-A
B.M. 30-23									BM 30-23
1	183	482	484 5	194	149	545	450 5	163	ANAHEIM & PACIFIC COAST
	149	545		172 22				135 28	HWY: INTER. S.E.
								22	
+	33937							50	
B.M.L.B. 109A									B.M.L.B. 109 A ANAHEIM & PACIFIC COAST HWY. S.W. COR. CO. SURVEYOR MON.

JOB NO. ~~0301-02~~ 088243 L.B SURVEY OF ~~L.A.~~ CO. PRECISE LEVEL NET
SURVEY BY R. C. BOWERS
NOTES BY R. ANDERSON DATE 8-23-66 TIME 3:15 P.M. ROD NO.
INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE 8-26-66
WEATHER CLEAR & MILD INST. NO.
F.B. 3761 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 BM109A TO BM30-23
BM 109A							BM 109A
1	127 873	428 5	144 110 34	161 779	462 5	175 148 28	Anaheim & Pacific Coast Hwy.
				127 873		34	S.W. Cor. L&T.
				33906		62	F.B.
BM 30-23							BM 30-23
							Anaheim & Pacific Coast Hwy. S.E. Inter.
							F.B.

F.B. 3761 Pg. 46

JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Net

SURVEY BY Bauers NOTES Dawley

INDEXED C. J. GALLY DATE

WEATHER Sunny INST. NO. 75234

TIME 9:20 ROD NO. 95-96

NOTES CHKD. [illegible] DATE SEP 26 '66

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. 0882.43 L.B. SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY 30 WERS
NOTES BY CHERRY
INDEXED C. J. GALLI
DATE 8-24-66
WEATHER OVERCAST
TIME 9:25 A.M.
NOTES CHKD
DATE SEP 26 '66
INST. NO. 752234
ROD NO. 95396
F.B. 3761 PG. 47

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. LB. 109A TO BM L.B. 672
B.M. 109A							B.M. L.B. 109-A
1.	130 442	431 5	142 119 24	126 520	427 5	137 119 22	ANAHEIM & PAC. COAST Hwy
2	89 544	390 5	121 57 64	223 849	524 5	257 189 68	S.W. COR. CO. SURVEYOR MON. 27.3' N.W. OF B.C.R.
3	69 387	370 5	100 38 62	206 083	507	236 176 60	
4	114 537	415 5	125 103 22	197 547	498 5	208 186 22	
	403 830		150 172	753999		150 172	
				403830		172	
				350169		344 M.	
B.M. LB.672							B.M. L.B. 672
							ARGONNE AVE. & ANAHEIM
							N.E. COR., 5.5'E., 7.0' N. OF COR.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 95296 DATE SEP 26 '66

WEATHER Sunny TIME 3:00 NOTES CHKD

F.B. 3761 Pg. 48 JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Net

SURVEY BY Powers NOTES Donley

INDEXED C. J. GALLI DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM LB 672 TO BM 109A
BM 672							BM L.B. 672 Anaheim & Argonne N.E. Cor., 5.5' E., 7.0' N.
1	210 885	511 5	221 199 22	129 365	430 5	140 118 22	
2	223 799	524 5	254 192 62	87 565	388 5	148 56 62	
3	236 600	537 5	271 84 201 70	104 365	405 5	137 84 104 (1/2) 66	
			154			150	
*	671 284			321 295		154	
	321 295					304 M.	
+	349 989						
BM L.B. 109A							BM L.B. 109A Anaheim & Pac. Coast Hwy. S.W. Cor. 27.3' N.W. of B.C.R.

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.L.B. 672 TO B.M.L.B. 296
B.M.L.B. 672									B.M. L.B. 672 ARGONNE AVE. & ANAHEIM N.E. COR, 5.5'E., 7.0'N OF COR
1	132	799	433 5	144 120 24	219	848	520 5	235 203 32	
2	61	762	362 5	80 42 38	255	058	556 5	273 237 36	
3	42	313	343 5	70 14 62 56	207	521	508 5	234 180 68 54	
				118				122	
	236	874			682	427		118	
					236	874		240	
B.M.L.B. 296				—	445	553			B.M. L.B. 296 ROYCROFT AVE. & ANAHEIM N.E. COR. 8.0'N., 17.0' E. OF CURB

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

SURVEY BY BOWERS WEATHER SUNNY INST. NO. 75234

NOTES BY CHERRY DATE 8-24-66 TIME 9:50 ROD NO. 85396

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE SEP 26 '66

F.B. 3761 PG. 49

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 296 TO BM L.B. 672
BM L.B. 296									BM L.B. 296 Anahiem & Roycroft N.E. Cor. 8.0' N., 17.0' E OF CURB
1	235	933	536 5	262 208 54	70	860	371 5	98 42 56	
2	280	105	581 5	298 262 36 90	86	223	387 5	105 67 38 94	
3	228	743	529 5	244 212 32 122	142	180	443 5	155 129 26 120 122	
	744	781			299	263		242 M.	
	299	263							
+	445	518							
BM L.B. 672									BM L.B. 672 ANAHEIM & ARGONNE N.E. COR., 5.5' E., 7.0' N.

F.B. 3761 Pg. 50 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY BOWERS NOTES BAZEN

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO. 75234

TIME ~~[illegible]~~ 2:40 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE SEP 26 '66

76P526 CE # 306 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.

JOB NO. ~~0301.02~~ 0882.43 L.B.
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY BOWERS
NOTES BY CHERRY DATE 8-24-66 WEATHER SUNNY INST. NO. 15234
INDEXED G. J. GALLI DATE TIME 10:07 ROD NO. 85896
NOTES CHKD DATE DATE
F.B. 3761 PG. 51

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From B.M. L.B. 296 To B.M. L.B. 108
B.M. L.B. 296													B.M. L.B. 296 ROYCROFT AVE. & ANAHEIM N.E. COR., 8.0' N., 17.0' E. OF CURB
1	140	290	441	5	167 113	54	180	228	481	5	208 152	56	
2	92	167	393	5	121 63	58 112	201	052	502	5	230 172	58	
3	76	600	377	5	98 54	44	173	667	474	5	194 152	114 42	
	309	057				156	554	947				156	
							309	057				156	
							245	890				312	
B.M. L.B. 108													B.M. L.B. 108 XIMENO AVE. & ANAHEIM N.E. COR., 2.7' N. OF B.C.R.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 108 TO BM 296
BM LB. 108									BM L.B. 108 ANAHEIM & XIMENO AVE. N.E. COR., 2.7'N. OF B.C.R.
1	202	458	503 5	219 185 34	103	610	404 5	122 84 38	
2	228	020	529 5	258 198 60 94	122	290	423 5	151 93 58 96	
3	200	790	501 5	228 172 56 150	159	445	460 5	186 132 54 150	
	631	268			385	345		150	
	385	345						150	
+	245	923						300	M.
BM L.B. 296									BM L.B. 296 ANAHEIM AVE. & ROYCROFT AVE. N.E. COR, 8.0'N, 17.0'E. OF COR.

F.B. 3761 PG. 52 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY BWEIS NOTES BAZEN

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO. 75234

TIME 2:20 ROD NO. 95 & 96

NOTES CHKD. [illegible] DATE SEP 2 [illegible]

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 B.M. L.B. 108 TO B.M. L.B. 186
B.M. L.B. 108									B.M. L.B. 108 XIMENO AVE. & ANAHEIM N.E. COR. BOLT IN CURB 2.7' N. OF B.C.R.
1	107	502	408 5	141 73 68	164	582	465 5	198 130 68	
2	131	393	432 5	164 98 66	154	793	455 5	187 121 66	
3	116	280	417 5	148 84 134 64	185	512	486 5	220 150 134 70	
	355	175		198	504	887		204	
					355	175		198	
				—	149	712		402	M.
B.M. L.B. 186									B.M. L.B. 186 TERMINO AVE. & ANAHEIM N.E. COR., 5.0' N, 5.0' E. OF COR.

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

SURVEY BY BOWERS

NOTES BY CHERRY DATE 8-24-66

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO. 75234

TIME 10:35 ROD NO. 95 & 96

NOTES CHKD [signature] DATE SEP 26 '66

F.B. 3761 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 186 TO BM 108
BM L.B. 186									BM L.B. 186 Anahiem & Termino N.E. Cor, 5.0'N, 5.0'E.
1	210	940	511 5	248 172 76	141	741	442 5	174 108 68	
2	166	444	467 5	197 135 62	142	672	443 5	177 107 70	
				138				138	
3	180	045	481 5	214 146 68	123	407	424 5	156 90 66	
				206				204	
	557	429			407	820		206	
	407	820						410	Meters
+	149	609							
BM L.B. 108									BM L.B. 108 Anahiem & Ximeno N.E. Cor, 2.7'N. of B.C.R.

F.B. 3761 PG. 54 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY BOWERS NOTES BAZEN

INDEXED R. J. GALLI DATE

WEATHER SUNNY INST. NO. 75234

TIME 2:00 ROD NO. 95 E 96

NOTES CHKD. [illegible] DATE SEP 26 '66

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

Do not extend notes this side of this line.

JOB NO. ~~0901.02~~ 0882.43 SURVEY OF L.A. CO. PRECISE LEVEL NET L.B.
SURVEY BY BOWERS
NOTES BY CHERRY DATE 8-24-66 WEATHER SUNNY INST. NO. 75234
INDEXED G.J. GALLI DATE TIME 10:50 ROD NO. 85 & 96
NOTES CHKD DATE SEP 26 '66
F.B. 3761 PG. 55

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS From B.M.L.B. 186 To B.M. L.B. 31
B.M. 186							B.M.L.B. 186
1	169 707	470 5	203 135 68	76 650	377 5	110 42 68	TERMINO AVE. & ANAHEIM N.E. COR., 5.0'N., 5.0' E. OF COR.
2	225 280	526 5	257 193 64 132	10 342	311 5	48 1/2 10 62 130	
3	220 451	521 5	237 203 34 166	69 224	370 5	86 52 34 164	
4	170 651	471 5	178 162 16 182	101 651	402 5	111 91 20 184	
5	166 548	467 5	181 151 30 212	142 558	443 5	156 1/2 142 28	
B.M.L.B. 31						212	B.M. L.B. 31
	952 637			400 425		212	LOMA AVE. & ANAHEIM N.E. COR., 2.7'E, 21.5 N.
	400 425					424	Meters.
	+ 552 212						

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3761 PG. 56 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY BOWERS NOTES DON LEVY

INDEXED R. J. GALLI DATE

WEATHER Sunny INST. NO. 75234

TIME 1:45 ROD NO. 95E96

NOTES CHKD. DATE SEP 26 '96

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM.31 TO BM -186
BM LB.31							BM L.B.31 Anaheim & Loma N.E. Cor, 2.7'E, 21.5'N
1	179 470	480 5	195 163 32	205 750	506 5	220 190 30	
2	122 530	423 5	131 113 18	189 408	470 5	196 182 14	
3	96 420	397 5	113 50 79 34	248 470	549 5	266 44 230 36	
4	31 383	332 5	84 62 31 (1/2) 62	246 406	541 5	278 80 214 64	
5	96 650	397 5	146 130 62 68	188 685	489 5	222 144 154 68	
	526 453		214	1078 719		212	
				526 453		214	
				552 266		426 M.	
BM L.B.186							BM LB 186 Anaheim & Tammino N.E. Cor, 5.0'N, 5.0 E.

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 B.M.L.B.31 TO B.M.L.B.187
B.M.L.B.31									B.M. L.B. 31 LOMA AVE. & ANAHEIM N.E. COR., 2.7'E & 21.5 N.
1	224	258	525 5	243 205 38	105	081	406 5	124 86 38	
2	162	450	463 5	186 138 48 86	121	681	422 5	145 97 48 86	
3	132	192	433 5	169 95 74 160	162	072	463 5	196 128 68 154	
4	130	972	431 5	149 111 38 198	180	452	481 5	201 159 42 196 198	
	649	870			569	286		394 M.	
	569	286							
+	80	584							
B.M.L.B. 187									B.M. L.B. 187 OBISPO AVE. & ANAHEIM N.E. COR., 29.3'E & 6.0'N

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

SURVEY BY BOWERS WEATHER SUNNY INST. NO. 75234

NOTES BY CHERRY DATE 8-24-66 TIME 11:35 ROD NO. 45 & 96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE SEP 26 '66

F.B. 3761 Pg. 57

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BMLB187 TO BMLB 31
BMLB187									BML 187
1	197	639	498 5	218 176 42	148	057	449 5	168 128 40	ANAHeim & OBispo N.E. COR., 29.3'E & 6.0'N F.B.
2	188	675	489 5	222 154 68	160	815	461 5	197 123 74	
				110				114	
3	150	523	451 5	175 125 50	189	705	490 5	213 165 48	π BAZEN
				160				162	
4	120	284	421 5	140 100 40	239	155	540 5	257 221 36	
				200				198	
	657	121			737	732		200	
					657	121		398	MTRS.
					80	611			
BMLB 31									BMLB 31
									ANAHeim & LOMA N.E. COR, 2.7'E & 21.5'N. F.B.

F.B. 3761 PG. 58

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY Bowers NOTES Bowers

INDEXED C. J. GALLI DATE 8-24-66

JOB NO. 0882.43

WEATHER SUNNY INST. NO. 75234

TIME 11:45 ROD NO. 95-96

NOTES CHKD [illegible] DATE [illegible]

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			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BMLB187 TO BM LB25
BMLB187							BM LB 187
1	169 854	470 5	195 / 143 52	178 592	479 5	209 / 152 52	ANAheim ST. & OBispo Ave. N.E. COR., 29.3'E & 6.0'N
2	142 012	443 5	176 / 108 68	181 325	482 5	215 / 147 68	
3	135 350	436 5	169 / 101 68 116	178 885	479 5	212 / 144 68 116	
4.	150 400	451 5	160 / 140 20 184	186 222	487 5	196 / 176 20 184	
	597 616		~~208~~ 208	725 024		208 208	T Bazen
				597 616		~~408~~ 416 MTRS	
			—	127 408			
BMLB25							BMLB 25 ANAheim ST. & TEMple Ave. N.E. COR., 2.7'E, 13.0'N

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

SURVEY BY Donlevy DATE 8-29-66 WEATHER Sunny INST. NO. 75239

NOTES BY G. J. GALLI DATE TIME 1:30 ROD NO. 95-96

INDEXED DATE NOTES CHKD. [illegible] DATE SEP 26 '66

F.B. 3761 PG. 59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BMLB 25 TO BMLB 187
BMLB 25									BMLB 25
1	188	582	489 5	198 / 178 20	150	820	451 5	160 / 140 20	ANAHEIM & TEMPLE
2	178	330	479 5	212 / 144 68 / 88	136	880	437 5	170 / 102 68 / 88	N. E. COR., 2.7'N & 13.0'N.
3	183	596	484 5	217 / 149 68 / 156	142	510	443 5	175 / 109 66 / 154	F. B.
4	179	082	480 5	204 / 154 50 / 206	172	085	473 5	198 / 146 52 / 206	A BAZEN
	729	590			602	295		206	
	602	295						412	MTRS.
+	127	295							
BMLB 187									BMLB 187
									ANAHEIM & OBISPO
									N. E. COR., 29.3'E & 6.0'N.
									F. B.

F.B. 3761 PG. 60 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY Powers NOTES Donlevy

INDEXED C. J. GALLI DATE 8-24-66

WEATHER Sunny INST. NO. 75234

TIME 11:15 ROD NO. 95-96

NOTES CHKD. [illegible] DATE SEP 26 '66

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 BMLB 25 TO BMLB 188
BMLB 25									BM LB 25
1	147	650	448 5	173 121 52	204	682	505 5	230 178 52	Anaheim St. & Temple Ave
2	125	800	426 5	159 91 68 120	180	363	481 5	213 147 66 118	N.E. COR, 3.7'E & 13.0'N F.B.
3	154	920	455 5	188 120 68 188	170	805	471 5	204 136 68 186	⊼ Bazen
4.	153	063	454 5	166 146 14 202	188	160	489 5	195 181 14 200 ~~202~~	
5	177	235	478 5	180 174 6 208	178	680	479 5	~~402~~ 181 175 6	~~MTRS~~
BMLB 188								206 208	BMLB 188
	758	668			922 758 164	690 668 022	MTRS	414	Anaheim St. & Junipero Ave. N.E. COR., 4.5'E & 32.6'N F.B.

JOB NO. ~~0301.02~~ 0882.43 L.B. SURVEY OF ~~L.A.~~ Bowers CO. PRECISE LEVEL NET
SURVEY BY Donlevy DATE 8-24-66 WEATHER Sunny INST. NO. 75234
NOTES BY C. J. GALLI DATE TIME 1:45 ROD NO. 85-96
INDEXED DATE NOTES CHKD. [illegible] DATE SEP 26 '66

F.B. 3761 PG. 61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3761 PG. 62 | JOB NO. 0882.43 | SURVEY OF LONG BEACH PRECISE LEVELNET | SURVEY BY BAUERS | NOTES BAILEY | INDEXED L. J. GALLI | DATE

WEATHER SUNNY | TIME 11:00 | NOTES CHKD. | INST. NO. 75239 | ROD NO. 83-86 | DATE SEP 26 '66

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BMLB 188 TO BMLB #25
BMLB 188									BMLB 188 ANAHeim & Junipero N.E. COR., 4.5'E & 32.6'N F.B.
1	180	180	481	5 183 177 6	154	405	455	5 157 151 6	
2	164	703	465	5 171 157 14	153	980	454	5 160 146 14	
3	171	373	472	5 205 137 20 68	154	090	455	5 188 120 20 68	π Bazen
4	181	270	482	5 214 148 88 66	128	520	429	5 162 94 68	
5	202	560	503	5 228 176 154 52	145	252	446	5 171 119 156 52	
	900	086		206	736	247		208	
	736	247						206	
	+ 163	839						414	MTRS.
BMLB #25									BMLB #25 ANAHeim & Temple N.E. COR., 3.7'E & 13.0'N F.B.

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.

JOB NO. ~~0001.02~~ 0882.43 L.B. SURVEY OF ~~L.A.~~ CO. PRECISE LEVEL NET

SURVEY BY Douglas Bowers WEATHER Sunny

NOTES BY G. J. GALLI DATE 8-24-66 TIME 2:00 INST. No 05238

INDEXED DATE NOTES CHKD DATE SEP 26 '68 ROD No 9546

F.B. 3761 Pg. 63

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BMLB188 TO BMLB22
BMLB188							BMLB188 Anaheim St. & Junipero Ave. N.E. cor, 4.5'E & 32.6'N. F.B.
1	182612	4835	192 172 20	162550	4635	174 150 24	
2	151866	4525	173 129 44	162512	4635	184 140 44	
3	169550	4705	202 136 64 66	161710	4625	194 128 68 66	T Bazen
4	132150	4335	160 97 130 70	175724	4765	209 141 134 68	
	636178		200	662496		202	
				636178		200	
				26318		402	MTRS
BMLB22							BMLB22 Anaheim St. & Cherry Ave. N.E. cor., 1.0'S. F.B.

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 22 / 188
22	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BMLB ~~30~~ TO BMLB ~~22~~
BMLB ~~30~~							BMLB ~~30~~ 22
1	175 350	476 5	210 140 70	131 007	432 5	165 97 68	ANAHeim & CHerry N.E. COR., 1.0 S. of CURB
2	159 200	460 5	193 125 68 138	166 787	467 5	199 133 66	F.B.
3	162 612	463 5	184 140 44 182	152 473	453 5	175 129 134 46 180	⊼ Bazen
4	161 640	462 5	172 150 22 204	182 390	483 5	193 171 22 202	
	658 802 ✓			632 657 ✓		204	
	632 657 ✓					406	MTRS.
+	26 145 ✓						
BMLB 188							BMLB 188 ANAHeim & Junipero N.E. COR., 4.5'E & 32.6'N. F.B.

F.B. 3761 PG. 64

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY Powers NOTES Pawlowy

INDEXED C. J. GALLI DATE

JOB NO. 0882.43

WEATHER Sunny INST. NO. 75234

TIME 10.30 ROD NO. 95-96

NOTES CHKD. [illegible] DATE SEP 26 '68

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...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 22 TO BMLB 196
BMLB 22								BMLB 22
1	149 748	450 5	182 / 116	66	195 912	496 5	228 / 162	66	Anaheim & Cherry
2	144 963	445 5	177 / 111	66	199 412	500 5	232 / 166	66	N.E. Cor., 1.0'S. of curb
				132				132	L. & T
3	140 442	441 5	169 / 111	58	197 113	498 5	226 / 168	58	F.B.
				190				190	✓ ✗ Bazen
	435 153 ✓				592 437 ✓			190	✓
					435 153 ✓			380	MTRS.
				—	157284 ✓			
BM LB - 196								BM L.B. - 196
								Cherry & 115 III
								S.E. Cor., 16.0'E & 5.1'S.
								F.B.

0882.43 L.B.

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

SURVEY BY Bowers

NOTES BY Ponlevy DATE 8-25-66

INDEXED C. J. GALLI DATE

WEATHER Sunny

TIME 9:00

NOTES CHKD. [illegible] DATE SEP 26 '66

INST. NO. 78234

ROD NO. 95-96

F.B. 3761 PG. 65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BMLB196 TO BMLB22
BMLB196									BMLB196
1	195	880	496 5	224 166 58	137	830	438 5	166 108 58	CHerry & 115 TH
2	200	280	501 5	234 166 68	147	248	448 5	181 113 68	S.E. COR., 16.0'E & 5.1'S.
3	194	440	495 5	126 228 160 68	148	234	449 5	126 181 115 66	F.B.
				194				192	T BAZEN
	590	600			433	312		194	
	433	312							
+	157	288						386	MTRS.
BMLB22									BMLB22
									ANAHEIM & CHerry
									N.E. COR., 1.0 SO. OF CURB
									L&T
									F.B.

F.B. 3761 PG. 66 JOB NO. 0882.43
SURVEY OF LONG BEACH PRECISE LEVEL NET
SURVEY BY Bowers NOTES Pan Lily
INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO. 75234
TIME 10:00 ROD NO. 95-96
NOTES CHKD [illegible] DATE SEP 26 '66

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 BMLB196 TO BMLB 30
BMLB196								BMLB196
1	143 505	449 5	180 106	74	179 782	480 5	217 141	76	CHERRY & 115 III
2	130 882	431 5	164 96	68	160 772	461 5	193 127	66	S.E. COR., 16.0'E. & 5.1'S.
				142				142	F. B.
3	128 505	429 5	154 102	52	210 810	511 5	236 184	52	
				194				194	
	402 892				551 364			194	
					402 892			388	MTRS. T BAZEN
					148 472				
BM LB-30								BM L.B.-30
								PACIFIC COAST HWY. & CHERRY
								S.E COR., 6.5'E & 38.4'S.
								F.B.

JOB NO. ~~0301.02~~ 0882.43 L.B. SURVEY OF ~~L.A.~~ CO. PRECISE LEVEL NET
SURVEY BY Bowers
NOTES BY DUNLEVY DATE 8-25-66 WEATHER SUNNY INST. NO. 25234
INDEXED L. J. GALLI DATE TIME 10:30 ROD NO. 9546
NOTES CHKD. [illegible] DATE SEP 26 '66

F.B. 3761 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 BMLB 30 TO BMLB 196
1	212	643	513 5	238 / 186 52	130	238	431 5	156 / 104 52	BMLB 30 PACIFIC COAST Hwy. & CHERRY S.E. COR, 6.5'E & 38.4'S. F.B.
2	159	422	460 5	159 / 126 (½) 66	129	754	430 5	163 / 129 (½) 68	
4	178	465	479 5	216 / 140 118 76	142	272	443 5	179 / 105 120 74	
				194				194	
					402	264		194	
	550	530						388 mtrs.	T BAZEN
	402	264							
+	148	266							
BM L.B. 196									BM L.B.-196 CHERRY & 115TH S.E. COR, 16.0'E. & 5.1'So. F.B.

F.B. 3761 PG. 68 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY Bowers NOTES DONLIEVY

INDEXED G. GALLI DATE

WEATHER SUNNY INST. NO. 75234

TIME 10:00 ROD NO. 93-96

NOTES CHKD [illegible] DATE SEP 26 '66

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			FORESIGHT			DESCRIPTION AND REMARKS 202
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BMLB30 TO BMLB 202
BMLB30							BMLB 30
1	168 190	469 5	201 135 66	173 525	5	207 139 68	PACIFIC COAST Hwy. & CHERRY AVE. S. E. COR., 6.5'E & 38.4'So. F. B.
2	146 618	447 5	180 112 68	171 884	472 5	204 138 66	
3	144 740	445 5	180 108 72 134 206	186 550	487 5	222 150 72 134 206	
	459 548			531 959		206	T Bazen
				459 548		412	MTRS.
				72 411			
BMLB202							BMLB 202 PACIFIC COAST Hwy. & WALNUT AVE. N. E. COR., 6.8'E & 4.0' No. F. B.

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

SURVEY BY Bowers

NOTES BY Donlevy DATE 8-24-66 WEATHER Sunny INST. NO. 75234

INDEXED C. J. GALLI DATE TIME 3:10 ROD NO. 95-96

NOTES CHKD [illegible] DATE JUL 26 '66

F.B. 3761 Pg. 69

14

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 BMLB202 TO BMLB30
BMLB202									BMLB202 PACIFIC COAST HWY. & WALNUT N.E. COR., 6.8'E. & 4.0' NO.
1	189	153	490 5	225 153 72	146	577	447 5	183 109 74	
2	168	675	469 5	201 135 66	145	345	446 5	179 111 68	
3	174	505	475 5	209 134 138 70	168	000	469 5	201 135 142 66	⊼ BAZEN
				208				208	
	532	333			459	922		208	
	459	922							
+	72	411						416	MTRS.
BMLB30									BMLB30 PACIFIC COAST HWY. & CHERRY AVE. S.E. COR., 6.5'E & 38.4' NO.

F.B. 3761 PG. 70 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY Bowers NOTES Dan Levy

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO. 75234

TIME 9:00 ROD NO. 95-96

NOTES CHKD [illegible] DATE SEP 26 '66

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 202 TO BMLB 107-A
BMLB 202							BMLB 202 PACIFIC COAST HWY. & WALNUT AVE. N.E. COR., 6.8'E. & 4.0' No. F.B.
1	183 572	484 5	219 147 72	119 507	420 5	156 82 74	
2	163 265	464 5	197 129 68	105 414	406 5	139 71 68	
3	159 846	460 5	187 131 140 56	115 100	416 5	147 115 142 64	
	506 683		196	340 021		206	⊼ ANDERSON
	340 021					196	
						402	MTRS
+	166 662						
BMLB 107A							BMLB 107-A PACIFIC COAST HWY & ORANGE AVE. N.E. COR., 2.4'E & 4.0' No. F.B.

0882.43 L.B.

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

SURVEY BY Bowers WEATHER SUNNY INST. NO. 75234

NOTES BY Donlevy DATE 8-26-66 TIME 9:30 ROD NO. 9546

INDEXED C. J. [illegible] DATE NOTES CHKD [illegible] DATE SEP 26 '66

F.B. 3761 Pg. 71

15

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BMLB 107A TO BMLB 202
BMLB							BMLB 107A
1	128 348	429 5	160 96 64	173 645	474 5	202 144 58	PACIFIC COAST Hwy. &
							ORANGE Ave.
2	121 222	422 5	153 89 64	178 503	479 5	178 143 (6) 70	N.E. COR., 2.4'E & 4.0' No.
			128			128	
3	130 808	431 5	168 92 76	194 966	495 5	230 158 72	F.B.
			204			200	
	380 378			547 114		204	
				380 378	MTRS.	404	⊼ Wacker
			-	166 736			
BMLB 202							BMLB 202
							PACIFIC COAST Hwy. &
							WALNUT Ave.
							N.E. COR., 6.8'E. & 4.0' No.
							F.B.

F.B. 3761 PG. 72 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY Powers NOTES Donlevy

INDEXED J. GALLI DATE

WEATHER SUNNY INST. NO. 75234

TIME 2:30 ROD NO. 95-96

NOTES CHKD [illegible] DATE SEP 26 '66

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 107A TO BMLB 29
BMLB 107-A							BMLB 107-A PACIFIC COAST Hwy. & ORANGE AVE. N.E. COR. 2.4'E, 4.0 N. F.B.
1	177 422	478 5	211 143 68	114 218	415 5	147 81 66	
2	133 132	434 5	163 103 60	110 280	411 5	141 79 62	
3	137 748	438 5	172 102 70	138 530	439 5	173 103 70	
			128			128	
	448 302 ✓		198	363 028 ✓		198	
	363 028 ✓					198	
					MTRS.	396 ✓	⊼ Anderson
+	85 274 ✓						
BMLB 29							BMLB 29 PACIFIC COAST Hwy. & CALIFORNIA AVE. N.E. COR, 6.6'E., 4.0. N. F.B.

JOB NO. ~~0301.02~~ 0882.43 L.B. SURVEY OF ~~L.A.~~ CO. PRECISE LEVEL NET
SURVEY BY Bowers DATE 8-26-66 WEATHER Sunny INST. NO 75234
NOTES BY Donlevy DATE 8-26-66 TIME 10:30 ROD NO 95-96
INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE SEP 26 '66

F.B. 3761 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.

INST. NO. 75239 ROD NO. 85-96 DATE SEP 2-6-88

WEATHER Sunny TIME 2:00 NOTES CHKD

JOB NO. 0882.43 SURVEY OF LONG BEACH PRECISE LEVEL NET SURVEY BY Bowers NOTES Downey INDEXED C. J. GALLI DATE

F.B. 3761 PG. 74

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BMLB 29 TO BMLB 107A
BMLB 29							BMLB 29 Pacific Coast Hwy. & California Ave.
1	138 645	439 5	173 103 70	137 646	438 5	172 102 70	N.E. COR, 6.6 E., 4.0 N.
2	125 452	426 5	125 94 (11) 62	149 583	450 5	180 118 62	F.B.
3	130 642	431 5	163 95 132 68 200	193 125	499 5	226 160 132 66	
						198	
	394 739			480 354		200	
				394 739	MTRS.	398	T Wacker
			—	85 615			
BMLB 107A							BMLB 107-A Pacific Coast Hwy. & Orange Ave. N.E. COR, 2.4 E, 4.0 N. F.B.

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB 107A TO BM LB 29
BM LB 107A									BM LB 107-A Pacific Coast Hwy. & Orange Ave. N.E. Cor. 2.4 FT. E, 4.0 FT. N. F.B.
1.	176	741	477.5	210 142 68	113	639	414.5	146 80 66	
2.	150	158	451.5	179 121 58	127	157	428.5	158 96 62	
3.	145	629	446.5	126 168 122 46	132	774	433.5	128 156 108 48	
4.	135	027	436.5	172 147 123 24	148	492	449.5	176 158 138 20	
	607	555		196	522	062		196	⊼ Anderson
	522	062						196	
+	85	493						392	(forward Rerun)
BM LB-29									BM LB.29 Pacific Coast Hwy. & Calif. Ave. N.E. Cor. 6.6 FT E. 4.0 FT. N. F.B.

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

SURVEY BY Bowers WEATHER Overcast INST. NO. 25234

NOTES BY Walker DATE 9-1-66 TIME 2:40 ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE SEP 26 '66

F.B. 3761 PG. 75

F.B. 3761 Pg. 76 JOB NO. 0882.43

SURVEY OF LONG BEACH

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
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.

JOB NO. ~~090102~~ 0882.43 L.B. SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Bowers WEATHER Sunny

NOTES BY Bowers DATE 8-26-66 TIME 11:00 INST. NO. 23234

INDEXED C. J. GALLI DATE NOTES CHKD DATE ROD NO. 25-46

F.B. 3761 Pg. 77

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BMLB 29 TO BMLB 565
BMLB 29							BMLB 29 Pacific Coast Hwy. & California Ave. N. E. COR., 6.6'E. & 4.0'N. F. B.
1	210 342	511 5	244 176 68	112229	413 5	145 79 66	
2	156614	457 5	189 123 66	141 745	4425	175 109 68	
3	159 507	4605	180 138 42 134	129 720	430 5	151 107 44 134	
4.	148 797	449 5	164 132 32 176	160 961	461 5	177 143 34 178	
	675 260 ✓		208	544655 ✓		212 ✓	T An Oetson
	544 655 ✓					208	
+	130 605 ✓				MTRS.	420	
BMLB 565							BMLB 565 Pacific Coast Hwy. & Atlantic Ave. S. E. COR. F. B.

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3761 PG. 78 JOB NO. 0882.43
SURVEY OF Long Beach Precise Level Net
SURVEY BY Bauers NOTES Don Levy
INDEXED C. J. GALLI DATE
WEATHER Sunny INST. NO. 75234
TIME 1:30 ROD NO. 95-96
NOTES CHKD. DATE SEP 26 '66

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BMLB 565 TO BMLB 29
BMLB							BMLB 565
1	171 791	472 5	188 / 159 34	159 413	460 5	175 / 143 32	Pacific Coast Hwy. & Alantic Ave.
2	145 350	446 5	167 / 123 44 / 78	175 247	476 5	197 / 153 44 / 76	S.E. Cor.
3	163 500	464 5	197 / 131 66	178 520	479 5	212 / 149 68	F.B.
4.	130 830	431 5	164 / 46 144 / 68	228 642	529 5	262 / 194 144 / 68	T Wacker
	611 471 ✓		212	741 822 ✓		212 ✓	
				611 471 ✓		212 ✓	
				130 351 ✓		424	MTRS
BMLB 29							BMLB 29
							Pacific Coast Hwy. & California Ave.
							N.E. Cor., 6.6' E & 4.0' N.
							F.B.

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 BMLB 565 TO BMLB 566
BMLB565								BMLB 565
1.	116 308	417 5	150 82 68		119 198	420 5	152 86 66	PACIFIC COAST Hwy. & ALANTIC AVE.
2.	156 560	457 5	188 124 64		104 ~~103~~ 059	405 ~~404~~ 5	138 70 68	S.E. COR., 9.6' E. & 3.6' SO. F.B.
3.	155 662	456 5	132 184 121 68		214 679	515 5	250 178 134 ~~202~~	
	428 530 ✓		200		437 936 ✓		206 ✓	
					428 530 ✓ MTRS.		200	Anderson
					9.406 ✓		406	
BMLB566								BMLB 566 PACIFIC COAST Hwy. & LONG BEACH BLVD. S.E. COR., 23.4' E. & 6.3' SO. F.B.

JOB NO. ~~0801.02~~ 0882.43 L.B. SURVEY OF ~~L.A.~~ CO. PRECISE LEVEL NET
SURVEY BY Bowers
NOTES BY Bowers DATE 8-26-66
INDEXED C. J. GALLI DATE
WEATHER Sunny
TIME 11:30
NOTES CHKD. [illegible] DATE SEP 2 [illegible]
INST. NO. 75234
ROD NO. 95-96
F.B. 3761 PG. 79
18

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BMLB 566 TO BMLB 565
BMLB 566									BMLB 566
1	227	443	5285	262 / 192 70	167	704	4685	201 / 133 68	PACIFIC COAST Hwy. &
2	121	450	5	154 / 88 76	174	843	4755	207 / 131 76	Long Beach BLVD.
				146				144	S.E. COR., 23.4'E. & 6.3' So.
3	135	122	4365	168 / 102 66	132	222	4335	166 / 98 68	F.B.
				212				212	
	484	015	✓		474	769	✓	212	
	474	769	✓						π Wacker
							MTRS.	424	
+	9	246	✓						
BMLB 565									BMLB 565
									PACIFIC COAST Hwy. &
									ALANTIC AVE.
									S.E. COR., 9.6'E. & 3.6' So.
									F.B.

F.B: 3761 PG. 80 JOB NO. 0882.43

SURVEY OF

SURVEY BY Bowers NOTES Donkey

INDEXED C. J. GALLI DATE 8-26-66

WEATHER Sunny INST. NO. 75234

TIME 1:00 ROD NO. 95-96

NOTES CHKD. [illegible] DATE SEP 26 '66

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] THIS 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. ~~0301-02~~ 0882.93 SURVEY OF L.A. CO. PRECISE LEVEL NET L.B.
SURVEY BY R. C. Bowers
NOTES BY R.C.B.
INDEXED C. J. [illegible]
DATE 9/2/66
WEATHER Overcast
TIME 9:00
NOTES CHKD [illegible]
DATE
INST. NO. 25234
ROD NO. 25-26
DATE 12-25-68
F.B. 3761 Pg. 61
19

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BMLB 566 TO BMLB 205
BMLB 566							BMLB 566
1	85 598	386 5	107/63 44	283 172	584 5	283/264 (1/2) 42	PACIFIC COAST HWY. &
2	8 936	309 5	36/8 (1/2) 56	229 907	530 5	257/201 56	LONG BEACH BLVD.
			100			98	S. E. COR., 23.4' E. & 6.3' S.
3	108 608	409 5	141/75 66	202 713	503 5	236/168 68	F. B
			166			166	
4	161 021	462 5	176/146 30	155 694	456 5	172/138 34	T Wacker
			196			200	
BM LB 205	124 656	425 5	140/108 32	162 679	463 5	179/145 34	
			228			234	
	488 819			1034 115		228	
				488 819		462	
				545 296			

BM LB 205
PAC. COAST HWY & PACIFIC AVE.
N.E. COR

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM LB BM 205 TO BM LB 566
BM LB205									BM LB 205
1	156	129 ~~129~~	457 5	160 152 8	126	438	427 5	131 121 10	Pac. Coast Hwy & Pacific Ave. N.E. Cor
2	143	609	444 5	185 101 84	71	909	372 5	124 ~~34~~ 86	
				92				96	
3	176	358	477 5	208 144 64	60	351	361 5	92 28 64	
				156				160	
4	269	213	570 5	286 252 34	04	088	305 5	19 4 (½) 30	
				190				190	
5	143	972	444 5	159 127 32	81	370	382 5	102 ~~60~~ 42	
				222				232 ✓	
	889	281 ✓			344	156 ✓		222 ✓	
	344	156 ✓						454 ✓	
	+ 545	125 ✓							
BM LB566									BM LB 566 Pac. Coast Hwy & Long Beach Blvd. S.E. Cor.

F.B. 3761 PG. 82

SURVEY OF L.B. Precise Level Net

SURVEY BY Bowers NOTES RCB

INDEXED C. J. GALLI DATE

JOB NO. 0882.43

WEATHER Clear INST. NO. 25234

TIME 2:45 ROD NO. 25-96

NOTES CHKD [illegible] DATE SEP 26 '08

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LB 205 TO BM LB 46
BM LB 205									BM LB 205
1	177	503	478 5	212 / 142 70	175	608	476 5	207 / 143 64	Pac. Coast Hwy & Pacific Ave. N.E. Cor.
2	180	272	481 5	214 / 146 68	173	743	474 5	207 / 139 68	
3	170	291	471 5	201 / 139 138 / 62	191	988	492 5	226 / 15[illegible] 132 / 7[illegible]	
4	159	108	460 5	178 / 140 200 / 38	152	975	453 5	170 / 134 202 / 36	
BM LB 46	143	935	444 5	163 / 123 238 / 40	177	660	478 5	197 / 15[illegible] 238 / 40	
				278				278	
	831	109			871	974		278	
					831	109		556	
					40	865			
									BM LB 46
									Pacific Coast Hwy & Daisy Ave S.E. Cor.

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

SURVEY BY R.C. Bowers

NOTES BY RCB DATE 9/2/66

INDEXED C. J. GALLI DATE

WEATHER Overcast

TIME 9:30

NOTES CHKD [illegible] DATE SEP 26 '66

INST. NO. 75234

ROD NO. 95-[illegible]

F.B. 3761 Pg. 83

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 46 TO BM LB 205
BM LB 46									BM LB 46
1	158	012	459 5	178 138 40	126	760	427 5	146 106 40	Pac. Coast Hwy & Daisy Ave.
									S.E. Cor.
2	133	673	434 5	170 96 74	105	727	406 5	144 66 68	
				114				108	
3	117	474	418 5	154 80 74	111	720	412 5	147 75 72	
				188				180	
4	121	041	422 5	168 74 94	145	003	446 5	193 145 (1/2) 96	
				282				276	
	530	200			489	210		282	
	489	210						558	
+	40	990							
BM LB 205									BM LB 205
									Pac. Coast Hwy & Pacific Ave.
									N.E. Cor.

F.B. 3761 Pg. 84

SURVEY OF L.B. Precise Level Net

SURVEY BY Bowers NOTES 9/2/66 RRB

INDEXED C. J. GALLI DATE

JOB NO. 0882.43

WEATHER Clear INST. NO. 25234

TIME 2:10 ROD NO. 95-96

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM LB 46 TO BM LB 1158
BM LB 46									BM LB 46
1	189	497	490 5	222 156 66	168	167	469 5	201 135 66	Pac. Coast Hwy & Daisy Ave
									S.E. Cor.
2	161	154	462 5	197 125 72	137	158	438 5	169 105 64	
				138				130	
3	195	491	496 5	219 171 48	22	782	323 5	48 22 (1/2) 52	
				186				182	
4	282	971	583 5	297 267 30	20	881	321 5	39 6 28	
				216				210	
5	260	900	561 5	271 249 22	41	023	342 5	54 28 26	
				238			8	236	
BM LB 1158	208	969	509 5	215 201 14	121	438	422 5	128 114 14	
				252 ✓				250 ✓	
	1298	982 ✓			511	449 ✓		252 ✓	
	511	449 ✓						502 ✓	
+	787	533 ✓							

BM LB 1158
Pac Coast Hwy & L.A. River @ DeForest
S.E. Cor. Bridge

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

SURVEY BY R.C. Bowers

NOTES BY RCB DATE 9/2/66

INDEXED G. J. GALLI DATE

WEATHER Overcast

TIME 9:40

NOTES CHKD [signature] DATE SEP 26 '68

INST. NO. 25234

ROD NO. 95-96

F.B. 3761 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 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
BM LB1158													BM LB 1158
1	57	218	358	5	71 / 43	28	250	315	551	5	263 / 237	26	Pac. Coast Hwy & L.A. River
													S.E. Cor. Bridge
2	25	775	326	5	37 / 13	24	237	449	538	5	248 / 226	22	
						52						48	
3	42	048	343	5	53 / 31	22	246	687	547	5	260 / 232	28	
						74						76	
4	45	899	346	5	65 / 25	40	177	810	478	5	196 / 158	38	
						114						114	
5	115	450	416	5	147 / 83	64	145	468	446	5	177 / 113	64	
						178						178	
6	146	519	447	5	180 / 112	68	162	470	463	5	195 / 129	66	
						246						244 ✓	
	432	909 ✓					1220	199 ✓				246 ✓	
							432	909 ✓				490 ✓	
						—	787	290 ✓					
BM LB 46													BM LB 48
													Pac. Coast Hwy & Daisy Ave.
													S.E. Cor.

WEATHER Clear INST. NO. 75234
TIME 1:30 ROD NO. 95-96
NOTES CHKD [signature] DATE SEP 26 '68

F.B. 3761 Pg. 86 JOB NO. 0882.43
SURVEY OF L.B. Precise Level Net
SURVEY BY Bowers NOTES RCB
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
~~BM 1~~	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM LB 1158 TO BM LB 71A
BM LB 1158													BM LB 1158
1	224	255	525	5	236 212	24	106	129	407	5	120 92	28	Pac. Coast Hwy & L.A. River
													S.E. Cor. bridge
2	189	539	490	5	218 160	58	204	044	505	5	233 175	58	
						82	✓					86 ✓	
BM LB 71A	413	794 ✓		5			310	173 ✓				82 ✓	
	310	173 ✓										168 ✓	
+	103	621 ✓											
													BM LB 71A
													Pac. Coast Hwy & L.A. River
													S.W. Cor. bridge

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

SURVEY BY R.C. Bowers WEATHER overcast INST. NO. 25234

NOTES BY RCB DATE 9/2/66 TIME 10:20 ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE SEP 26 '66

F.B. 3761 Pg. 87

22

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 25234 ROD NO. 25-26 DATE SEP 26 '66

WEATHER Clear TIME 1:15 NOTES CHKD

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM LB 71A TO BM LB 1158
BM LB 71A													BM LB 71A
1	181	404	482	5	203 159	44	136	577	437	5	157 115	42	Pac. Coast Hwy & L.A. River
													S.W. Cor. bridge
2	110	290	411	5	125 95	30	198	339	499	5	213 183	30	
						74						72	
3	111	051	412	5	117 105	12	171	562	472	5	176 166	20	
						86						92 ✓	
	402	745	✓				506	478	✓			86 ✓	
							402	745	✓			178 ✓	
						–	103	733	✓				
BM LB 1158													BM LB 1158
													Pac. Coast Hwy & L.A. River
													S.E. Cor. bridge

F.B. 3761 Pg. 88 JOB NO. 0882.43

SURVEY OF PB Bacase Hwy Alt

SURVEY BY Bogus NOTES 208

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. ~~0301.02~~ 088243 SURVEY OF ~~L.A. CO.~~ L.B. PRECISE LEVEL NET

SURVEY BY R.C. Bowers

NOTES BY R.C.B. DATE 9/2/66

INDEXED J. GALLI DATE

WEATHER Overcast

TIME 10:30

NOTES CHKD. [illegible]

INST. NO. 25234

ROD NO. ~~25-96~~

DATE SEP 26 '68

F.B. 3761 Pg. 89

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM LB 71A TO BM L.B. 298
BM LB 71A									BM LB 71A
1	72	614	373 .5	105 39 66	261	487	562 .5	288 234 54	Pac. Coast Hwy & L.A. River
									S.W. Cor bridge
2	70	527	371 .5	88 52 36	267	666	568 .5	288 246 42	
				102				96	
3	40	534	341 .5	54 26 28	260	003	561 .5	278 242 36	
				130				132	
4	26	933	327 .5	38 14 ~~327~~ 24	251	233	552 ~~452~~ .5	263 239 24	
				154				156	
5	120	950	421 .5	148 120 (1/2) 56	207	253	508 .5	234 180 54	
				210				210	
	331	558			1247	642		210	
					331	558		420	
					916	084			
BM LB 298									BM LB. 298
									Pac. Coast Hwy & Harbor Ave.
									N.E. Cor.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM LB 29B TO BM LB 71A
									BM LB 298
1	210	654	511 5	236 184 52	124	500	425 5	150 98 52	Pac. Coast Hwy & Harbor Ave N.E. Cor.
2	279	417	580 5	296 262 34	12	740	313 5	28 12 (1/2) 32	
				86				84	
3	279	218	580 5	297 261 36	43	084	344 5	61 25 36	
				122				120	
4	261	852	562 5	293 229 64	27 ~~28~~	878	328 5	58 27 (1/2) 62	
				186				182	
5	219	245	520 5	229 209 20	126	134	427 5	138 114 24	
				206				206	
	1250	386			334	336		206	
	334	336						412	
+	916	050							
BM LB 71A									BM LB 71A Pac. Coast Hwy & L.A. River S.W. Cor bridge

WEATHER Overcast INST. NO. 25234

TIME 10:35 ROD NO. 95-96

NOTES CHKD [illegible] DATE SEP 26 '96

JOB NO. 0882.43

SURVEY OF L.B. Precise Level Net

SURVEY BY Bowers NOTES RCB

INDEXED C. J. GALLI DATE

F.B. 3761 PG. 90

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM LB 298 TO BM LB 64
BM LB 298									BM LB 298
1	193	847	494 5	227 ~~193~~ (1/2) 68	166	506	467 5	199 133 66	Pac. Coast Hwy & Harbor Ave.
									N.E. Cor.
2	148	842	449 5	187 109 78	160	582	461 5	198 122 76	
				146				142	
3	180	121	481 5	219 141 78	132	378	433 5	169 95 74	
				224 ✓				216 ✓	
	522	810 ✓			459	466 ✓		224 ✓	
	459	466 ✓						440 ✓	
+	63	344 ✓							
BM LB 64									BM LB 64
									Pac. Coast Hwy & Santa Fe Ave.
									N.E. Cor.

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

SURVEY BY R.C. Bowers

NOTES BY RCB DATE 9/2/66

INDEXED J. GALLI DATE

WEATHER Overcast

TIME 11:00

NOTES CHKD [signature] DATE

INST. NO. 25234

ROD NO. 95-96

SEP 26 '66

F.B. 3761 PG. 91

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM LB 64 TO BM LB 298
BM LB 64													BM LB 64
1	131	038	432	5	168 / 94	74	183	896	484	5	220 / 146	74	Pac. Coast Hwy & Santa Fe Ave.
													N.E. Cor.
2	164	746	465	5	204 / 124	80	144	973	445	5	185 / 103	82	
						154						156	
3	161	171	462	5	192 / 130	62	191	353	492	5	225 / 291 (½)	68	
						216						224	
	456	955	✓				520	222	✓			216	
							456	955	✓			440	
							63	267	✓				
BM LB 298													BM LB 298
													Pac. Coast Hwy & Harbor Ave.
													N.E. Cor.

F.B. 3761 Pg. 92

SURVEY OF L.B. Precise Level Net

SURVEY BY Bowers NOTES RCB

INDEXED C. J. GALLI DATE

JOB NO. 0882.43

WEATHER Overcast INST. NO. 25234

TIME 11:20 ROD NO. 95-96

NOTES CHKD [signature] DATE SEP 26 '66

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.L.B. 64 TO B.M.L.B. 283
B.M.L.B.64									B.M.L.B. 64
1	173	887	474 5	190 156 34	172	543	473 5	189 155 34	PAC. COAST HWY. & SANTA FE AVE.
									N.E. COR.
2	158	670	459 5	193 123 70	172	702	473 5	206 138 68	
				154 104				204 102	
3	117	380	418 5	80 74	167	796	468 5	130 74	
				178				176	
4	140	793	441 5	159 121 38	166	887	467 5	185 147 38	
				216				214	
	590	730			679	928		216	
					590	730		430	
					89	198			
B.M.L.B.283									B.M.L.B. 283
									SANTA FE AVE. & GAYLORD ST.
									S.E. COR.

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

SURVEY BY P.C. BOWERS WEATHER OVERCAST & COOL INST. NO. 75-312

NOTES BY P.D. ANDERSON DATE 9-6-66 TIME 9:45 A.M. ROD NO. 95-96

INDEXED L.J. GALLI DATE NOTES CHKD. [illegible] DATE SEP 26 '68

F.B. 3761 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.

96716

INST. NO. 75-1833 ROD NO. 83-174 DATE SEP 26 1968

WEATHER Hot TIME 11:00 - 11:15 NOTES CHKD

F.B. 3761 PG. 94 JOB NO 0882.13

SURVEY OF L.B. Precise Level Net

SURVEY BY Burger NOTES Miles 9-15-66

INDEXED E. J. GALLI DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. LB283 TO B.M. LB64
B.M. LB283													B.M. LB 283 SANTA FE AVE. & GAYLORD ST. S.E. COR., L.&T. IN CTR OF CURB RETURN
1	183	181	484	5	152 / 214	72	147	389	448	5	114 / 180	66	
2	172	998	473	5	141 / 203	62	135	777	436	5	101 / 169	68	
3	171	051	472	5	135 / 207	134 / 72	154	709	455	5	118 / 189	134 / 71	
						206 ✓						205 ✓	
4										5		206	
												411	
B.M. LB64												✓	B.M. LB 64 PACIFIC COAST HWY. & SANTA FE N.E. COR., L.&T. IN N. CURB 46 FT. E. OF B.C.R.
	527	230 ✓					437	875 ✓				411	
	437	875 ✓											
+	89	355 ✓											

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM.LB283 TO BM.LB 82
B.M.LB283													B.M LB 283
1	162	717	463	5	172 / 152	20	154	675	455	5	161 / 144	20	SANTA FE AVE. & GAYLORD ST.
													S.E. COR.
2	131	343	432	5	168 / 94	74	161	418	462	5	298 / 124	74	
						94						94	
3	145	507	446	5	181 / 109	72	149	515	450	5	186 / 112	74	
						166						168	
4	143	852	444	5	162 / 124	38	191	037	492	5	210 / 172	38	
						204						206	
	583	419					656	645				204	
							583	419				410	
							73	226					
B.M.LB82													B.M. LB 82
													SANTA FE & ANAHEIM ST.
													N.E. COR

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

SURVEY BY R. S. BOWERS

NOTES BY R. D. ANDERSON DATE 9-6-66

INDEXED C. J. GALLI DATE

WEATHER CLEAR & MILD

TIME 10:20 AM.

NOTES CHKD. [illegible] DATE SEP 26 '66

INST. NO. 25209

ROD NO. 95-96

F.B. 3761 PG. 95

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3761 PG. 96 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES P.L.N. (9-15-64)

INDEXED G. J. GALLI DATE

WEATHER Hot TIME 18:45 - 11:20 NOTES CHKD

INST. NO. 96716 ROD NO. 9819 DATE SEP 26 '66

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. L.B. 82 TO L.B. 283
L.B. 82					182						122		B.M. L.B. 82
1	176	982	477	5	210	68	156	427	457	5	191	69	ANAHEIM ST. & SANTA FE AVE. N.E. COR
					146						111		L.B.B.M. 7.1 FT. N. & 13.6 FT. E. OF
2	179	155	480	5	213	67	144	586	445	5	177	66	CURB. THIS ROD MUST BE
					143	135					½ 155	135	SHOT FROM N. & S. TO GET
3	173	191	474	5	203	60	155	285	456	5	184	58	ON THE BUTTON
						195						193	
												195	B.M. L.B. 283
L.B. 283												388	SANTA FE AVE. & GAYLORD ST.
	529	328					456	298					S.E. COR., L & T IN CTR. OF
	456	298											CURB RETURN
+	73	030											

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.L.B. 82 TO B.M. LB 116
B.M.L.B. 82									B.M.L.B. 82
1	153	425	454 5	189 117 72	146	526	447 5	183 109 74	ANAHEIM ST. & SANTA FE AVE.
									N.E. COR.
2	134	955	435 5	172 96 76	132	890	433 5	169 95 74	
				148				148	
3	139	269	440 5	169 109 60	168	694	469 5	198 138 60	
				208				208	
	427	649			448	110		208	
					427	649		416	
					20	461			
									B.M. LB 116
B.M.LB 116									ANAHEIM ST. & P.E. CROSSING
									S.E. COR.

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

SURVEY BY R.C. BOWERS

NOTES BY R.D. ANDERSON DATE 9-6-66

INDEXED C. J. GALLI DATE

WEATHER CLEAR & MILD INST. NO. 75-239

TIME 11:00 A.M. ROD NO. 95-96

NOTES CHKD. [illegible] DATE SEP 26 '66

F.B. 3761 PG. 97

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

3-208

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 L.B. 116 TO L.B. 82
L.B. 116									B.M. L.B. 116
1	202	788	503 5	½ 202 163 78	171	350	472 5	210 132 78	ANAHEIM ST. & P.E. XING BETWEEN
									HAYES & NICHOLSON AVE, S.E. COR
2	144	312	445 5	½ 183 144 78	138	680	439 5	177 99 78	L.B.B.M. 29.6 FT. N.E. of N.E. RAIL
				156				156	6.2 FT. S. OF CURB
3	163	700	464 5	180 146 34	146	636	447 5	163 129 34	
				190				190	
4	157	770	458 5	173 142 31	191	592	492 5	208 173 35	
				221				225	
L.B. 82								221	B.M. L.B. 82
	668	570			648	258		446	ANAHEIM ST. & SANTA FE AVE.
	648	258							N.E. COR., L.B.B.M 7.1 FT. N AND
	20	312							13.6 FT. E. OF CURB

WEATHER SMOGGY SUN INST. NO. 96716
TIME 10:10 TO ROD NO. 9 & 19
NOTES CHKD [illegible] DATE SEP 26 '66

F.B. 3761 PG. 98 JOB NO. 0882.43
SURVEY OF LONG BEACH PRECISE LEVEL NET
SURVEY BY DREIER NOTES SIEMANN (9-15-66)
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. L.B. 116 TO B.M. L.B.H.D. 1070
B.M. L.B. 116									B.M. L.B. 116
1	145	492	446 5	182 / 145 (½) 74	179	361	480 5	218 / 140 78	ANAHEIM ST. & P.E. CROSSING
2	181	856	482 5	220 / 142 78	176	943	477 5	213 / 139 74	
3	180	489	481 5	207 / 153 152 / 54 / 206	54	075	355 5	80 / 28 152 / 52 / 204	
~~4~~						5	~~5~~	206 / 410	
L.B.H.D. 1070	507	837			410	379			L.B.H.D 1070
	410	379							AT OIL WELL U.P. 101 D
+	97	458							
					RERUN		9-15-66		
L.B.H.D. 116									B.M. L.B. 116
1	180	878	481 5	½ 276 / 180 72	178	955	479 5	219 / 138 81	ANAHEIM ST & R.R. XING
2	181	761	482 5	151 / 211 60 / 132	188	749	489 5	162 / 214 52 / 133	
3	155	259	456 5	114 / 194 78 / 210	52	345	353 5	14 / 91 77 / 210	
B.M. L.B.H.D. # 1070								210 / 210 / 420	B.M. L.B.H.D. 1070 OIL WELL # UP 101 D
	517	898			420	049			
	420	049							
	97	849							

JOB NO. ~~0301-02~~ 0882 43 SURVEY OF ~~L.A. CO.~~ L.B. PRECISE LEVEL NET

SURVEY BY R.C. BOWERS

NOTES BY R.D. ANDERSON DATE 9-6-66

INDEXED C. J. GALLI DATE

WEATHER CLEAR & MILD INST. NO. 75 254

TIME 11:35 A.M. ROD NO. 85-86

NOTES CHKD. [illegible] DATE SEP 26 '68

F.B. 3761 Pg. 99

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3761 PG. 100 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (9-15-66)

INDEXED G. J. GALLI DATE

WEATHER SMOGGY INST. NO. 36716

TIME 7:40 TO 10:00 ROD NO. 2812

NOTES CHKD DATE SEP 26 '66

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM LBHD #1070 TO BM LB 116
L.B.H.D. 1070													B.M. L.B.H.D. 1070
	55	952	356	5	81 29 109	52	184	419	485	5	211 153 208	54	THE N. ANCHOR BOLT IN N.E. PIER,
1	75	540	376	5	41	68	174	180	476	5	140	68	12 FT. N. & 12 FT. E. OF STR. OF
													U.P. WELL NO 101 D 315 FT. S.
2	148	620	449	5	186 110	76	172	250	473	5	210 134	76	OF ℄ OF ANAHEIM ST. & 5,435 FT
						144						144	E. OF ℄ FORD AVE.
3	170	770	471	5	203 138	65	146	270	447	5	178 ½ 146	64	
						209 ✓						208 ✓	
												209 ✓	
L.B.116													B.M. L.B. 116
	394930		✓				492700		✓			417	ANAHEIM ST. & P.E. XING BETWEEN
							394930		✓				HAYES & NICHOLSON AVES, S.E. COR
							97.770		✓				L.B.B.M. 29.6 FT. N.E. OF N.E. RAIL
													6.2 FT. S. OF CURB

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM L.B.H.D. #1070 TO BM. L.B. H.D. 1704
BM L.B.H.D. #1070				71 74					BM L.B.H.D. #1070 Well# UP 101D
1	34	353	335.5	(½) 34	183	400	484.5	218 148 70	
2	157	417	458.5	196 118 78	136	744	437.5	176 96 80	
3	227	928	528.5	152 262 192 70	113	502	414.5	150 151 75 76	
				222				226	
	419	698			433	646		222	
					419	698		448	
					13	948			
BM L.B. H.D.# 1704									BM L.B.H.D# 1704 Well# EV 1-C

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

SURVEY BY Bowers WEATHER Clear INST. NO. 75234

NOTES BY Adams DATE 9/6/66 TIME 1:20 ROD NO. 95-96

INDEXED L. J. GALLI DATE NOTES CHKD. [illegible] DATE SEP 26 '68

F.B. 3761 Pg. 101

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.L.B.H.D. #1704 TO BMLBHD #1070
B.M.L.B.H.D. 1704									
1	107	300	408 5	144 70 74	227	281	528 5	263 191 72	B.M. L.B. H.D. 1704 NEAR OIL WELL NO. U.P. EVIC
2	134	277	435 5	174 94 80	157	371	458 5	196 118 78	
3	172	090	473 5	209 135 74	14	871	315 5	50 14 (½) 72	
	413	667 ✓		154 228	399	523 ✓		150 222 ✓	
	399	523 ✓						228 ✓	
+	14	144 ✓						450 ✓	
B.M.L.B.H.D. 1070									B.M.L.B.H.D. 1070 NEAR OIL WELL #U.P. 101D

F.B. 3761 Pg. 102

SURVEY OF L.B. Precise Level Net

SURVEY BY BOWERS NOTES ANDERSON

INDEXED C. J. GALLI DATE

JOB NO. 0882.43

WEATHER SUNNY-HAZY INST. NO. 75234

TIME 1:30 ROD NO. 95896

NOTES CHKD [illegible] DATE SEP 26 '08

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM LBHD # 1704 TO BM LBHD #1522
BM L.B. H.D. 1704									B.M. LB H.D. # 1704 WELL # EV 1-C
1	127	578	428	5	165 89 ~~428~~	76	160	701	461	195 125 70
2	123	663	424		156 90	56	158	391	459	5	190 126 64
						132					134
	251	241					319	092			132
							251	241			266
							67	851			
B.M. L.B. HD #1522										B.M. L.B. H.D. #1522 Well # U.P. 44C

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

SURVEY BY Bowers WEATHER Clear INST. NO. 25234

NOTES BY Adams DATE 9/6/66 TIME 1:45 ROD NO. 95-96

INDEXED R. J. GALLI DATE NOTES CHKD [illegible] DATE SEP 26 '66

F.B. 3761 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. 3761 PG. 104 JOB NO. 0882.43

SURVEY OF L.B. ~~[illegible]~~ PRECISE LEVEL NET

SURVEY BY BOWERS NOTES C. HERRY

INDEXED C. J. GALLI DATE

WEATHER SUNNY-HAZY INST. NO. 75234

TIME 1:15 ROD NO. 95 E 96

NOTES CHKD DATE SEP 26 '88

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM LBHD #1522 TO BM LBHD #1704
B.M. L.B.H.D. 1522									B.M. L.B.H.D. 1522 NEAR OIL WELL NO. U.P.44C
1	169	092 ~~953~~	470 5	199 139 60	133	709	434 5	168 98 70	
2	175	713	476 5	213 137 76	143	248	444 5	178 108 70	
	344	805		136	276	957		140 36	
~~3~~	276	957	~~5~~						
+	67	848						176	
B.M. L.B.H.D. 1704									B.M. L.B.H.D. 1704 NEAR OIL WELL NO. EV1C

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM LBHD# 1522 TO L.B.H.D. ~~1621~~ B.M. 1521
B.M. L.B.H.D. 1522									B.M. L.B. H.D. #1522 NEAR OIL WELL# U.P. 44C.
1	150	662	451.5	178 122.56	125	067	426.5	150 100.50	
2	136	861	437.5	164 108.56	137	863	438.5	163 111.52	
				112				102	
	287	523			262	930		112	
	262	930						214	
+	24	593							
B.M. L.B.H.D. ~~1621?~~ 1521									B.M. L.B. H.D. # ~~1621?~~ 1521 G.E.D. 9' W. OF ℄ WELL# UP 63C FD. CHIS "X" E. SIDE 1½" STEEL PIN SET FLUSH WITH MAT

JOB NO. ~~0301.02~~ 088243 SURVEY OF ~~L.A. CO.~~ L.B. PRECISE LEVEL NET

SURVEY BY Bowers WEATHER Clear INST. NO. 75239

NOTES BY RCB DATE 9/6/66 TIME 2:05 ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE SEP 26 '66

F.B. 3761 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM LB HD ~~1621~~ 1521 TO LB BM HD 1522
B.M.L.B.H.D. ~~1621~~ 1521													B.M. L.B. H.D. 1521
1	144	377	445	5	172 116	56	142	574	443	5	169 115	54	NEAR OIL WELL # U.P. 63 C
2	141	036	442	5	166 116	50	167	320	468	5	194 140	54	
						106						108	✓
	285	413	✓				309	894	✓			106	✓
							285	413	✓			214	✓
						—	24	481	✓				
BM L.B.H.D. 1522													B.M. L.B. H.D. 1522 NEAR OIL WELL # U.P. 44C

F.B. 3761 Pg. 106

SURVEY OF L.B. PRECISE LEVEL NET

SURVEY BY ROWERS NOTES ANDERSON

INDEXED [illegible] DATE

JOB NO. 0882.43

WEATHER SUNNY-HAZY INST. NO. 75234

TIME 9:40 ROD NO. 95E96

NOTES CHKD [illegible] DATE SEP 26 '68

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM HD ~~1621~~ 1521? TO L.B.H.D. 1640
B.M. L.B.H.D. ~~1621?~~ 1521									B.M. L.B.H.D. ~~1621?~~ 1521 NEAR OIL WELL # U.P. 63C
1	118	873	419.5	153 83 70	107	518	408.5	143 71 72	
2	125	748	426.5	162 88 74	132	587	433.5	169 95 74	
				144				146	
3	125	585	426.5	130 120 10	117	222	418.5	123 111 12	
				154				158	
	370	206			357	327		154	
	357	327						312	
+	12	879							
B.M. L.B.H.D. #1640									B.M. L.B.H.D. #1640 NEAR OIL WELL # UP21B

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

SURVEY BY Bowers WEATHER Clear INST. NO. 75234

NOTES BY Adams DATE 9/6/66 TIME 2:55 ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE SEP 26 '66

F.B. 3761 PG. 107

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. L.B.H.D. 1640 TO ~~B.M. L.B.H.D. 1640~~ B.M. L.B.H.D. 1621? 1521
~~B.M.~~		~~232~~		~~131~~					~~B.M. L.B.H.D. 1640~~
~~1~~	~~125~~	~~5~~	~~426~~ 5	~~119~~	~~133~~	~~599~~	~~434~~	~~128~~	
~~2~~	~~148~~	~~903~~	~~449~~ 5	~~185~~ ~~111~~	~~146~~	~~860~~	~~447~~ 5	~~183~~ ~~109~~ 74	
~~3~~		~~5~~	5						
B.M. L.B.H.D. 1640									B.M. L.B.H.D. 1640 NEAR OIL WELL NO. U.P. 21 B
1	124	669	425 5	129 119 10	135	883	436 5	140 130 10	
2	150	557	451 5	186 114 72	145	623	446 5	182 108 74	
3	97	867	398 5	133 61 72	104	709	405 5	140 68 84 72	
				154				156	
	373	093			386	215		154	
					373	093		310	
					13	122			
B.M. L.B.H.D. ~~1621?~~ 1521									B.M. L.B.H.D. ~~1621?~~ 1521 NEAR OIL WELL NO. U.P. 63 C

WEATHER CLEAR ~~[illegible]~~ INST. NO. 75234

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

NOTES CHKD. [illegible] DATE SEP 26 '60

F.B. 3761 PG. 108 JOB NO. 0882.43

SURVEY OF L.B. PRECISE LEVEL NET

SURVEY BY BOWERS NOTES ANDERSON

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

3-154

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. L.B.H.D 1640 TO L.B.H.D ~~1521~~ 1521
L.B.H.D. 1640									B.M. L.B.H.D. 1640
1	150	460	451 5	187 113 74	157	775	458 5	194 120 74	NEAR OIL WELL NO. U.P. 21B
2	116	733	417 5	156 76 80	122	623	423 5	163 81 82	
				154				156	
3								154	
L.B.H.D. 1521									L.B.H.D. 1521
	267	193			280	398		310	NEAR OIL WELL U.P. 63C
					267	193			
					13	205			

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

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

NOTES BY SIEMANN DATE 9-15-66 TIME 9:10 TO 7:20 ROD NO. 9819

INDEXED C. J. GALLE DATE NOTES CHKD [illegible] DATE SEP 26 '66

F.B. 3761 PG. 109

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

RERUN

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B.H.D 1521 TO L.B.H.D. 1640
L.B.H.D. 1521									L.B.H.D. 1521
1	132	844	433 5	173 91 82	127	110	428 5	167 87 80	CHIS. "X" ON 1½" STEEL PIN FLUSH WITH MAT, 9.3 W. OF CTR. WELL No
2	154	665	455 5	171 117 74 156	147	400	448 5	184 110 74 154	U.P. 63C
L.B.H.D. 1640								156	L.B. 1640
	287	509 ✓			274	510 ✓		310	STUB OF BURNED OFF BOLT 9 FT.
	274	510 ✓							W. & 3.5 S. OF CTR. WELL No
	12	999 ✓							U.P. 21B

F.B. 3761 Pg. 110

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (9-15-66)

INDEXED C. J. GALLY DATE

WEATHER SMOGGY INST. NO. 96715

TIME 9:20 TO 9:30 ROD NO. 9 & 12

NOTES CHKD [signature] DATE 9-26-66

76P526 CE # 308 3-65

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY Bowers WEATHER overcast INST. NO 75234

NOTES BY RGB DATE 9/7/66 TIME 9:15 ROD NO 95-96

INDEXED C. J. GALLE DATE NOTES CHKD [illegible] DATE SEP [illegible]

F.B. 3761 Pg. ~~42~~ 111

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM LBHD 1640 TO BM R 766
1	132	435	433 5	171 93 78	127	404	428 5	166 88 78	BM LBHD #1640 NEAR OIL Well# UP 21B
2	150	185	451 5	170 130 40	165	688	466 5	187 143 44	
3	106	823	407 5	123 89 34	69	618	370 5	84 54 30	
				118				122	
				152 ✓				152 ✓	
	389	443 ✓			262	710 ✓		152 ✓	
	262	710 ✓						304 ✓	
*	26	733 ✓							
BM R 766									BM R 766 USC&GS. Anaheim St. & Domig. channel N.E. Cor., E. Ramp of bridge

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3761 PG. 112 JOB NO. 0882.43

SURVEY OF L.B. PRECISE LEVEL NET

SURVEY BY BUYERS NOTES CHERRY

INDEXED G. J. GALLI DATE

WEATHER SUNNY-CLEAR INST. NO. 75234

TIME 10:35 ROD NO. 85E86

NOTES CHKD DATE SEP 26 '68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM R-766 TO BM LBHD 1640
BM. R-766													B.M. R-766 U.S.C.&G.S.
1	75	333	376	5	90 60 ~~191~~	30	113	238	414	5	139 ~~97~~	32	ANAHEIM ST. & DOMIG. CHANNEL
2	170	333	471	5	~~174~~ 149	~~42~~ 72	153	075	454	5	175 131	46 78	N.E. COR. E. RAMP OF BRIDGE
3	127	808	428	5	168 ~~86~~	~~82~~ 154	133	872	434	5	169 ~~97~~	~~82~~ 160	
	373	474					400	185				154	
							373	474				314	
BM. L.B.H.D. #1640							26	711					B.M. L.B.H.D. #1640 OIL WELL # UP 21 B

76P526 CE # 308 3-65

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. ~~0801.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ L.B. PRECISE LEVEL NET
SURVEY BY Bowers
NOTES BY ECB
INDEXED C. J. GALL
DATE 9/7/66
WEATHER Clear
TIME 9:25
NOTES CHKD
DATE
INST. NO. 75234
ROD NO. 85-86
DATE SEP 26 '68
F.B. 3761 PG. 113

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
													FROM BM R 766 TO BM H 97
BM R 766													BM R 766 USC&GS.
1	245	558	546	5	256 234	22	75	511 ~~50~~	376	5	86 64	22	Anaheim St. & Doming. Channel
													N.E. Cor. of E. ramp of bridge
2	247	303	548	5	237 231	24	75	908	376	5	87 63	24	
						46						46	
3	253	705	554	5	269 242	22	63	881	364	5	~~74~~ 52	22	
						68						68	
4	260	519	561	5	273 247	26	81	065	382	5	97 68	26	
						94						94	
5	179	068	480	5	209 149	60	188	435 ~~445~~	489	5	216 168	56	
						154						150	
6	86	015	387	5	98 74	24	263	103	564	5	276 250	26	
						178						176	
7	82	115	383	5	92 72	20	244	858	545	5	259 239	20	
						198						196	
8	67	287	368	5	29 55	24	251	271	552	5	263 239	24	
						222	224					220	
9	54	295	355	5	68 40	28	~~225~~	974	525 ~~526~~	5	237 211	26	
						250						246	
	1475	865 ✓					1469	006 ✓				250 ✓	
	1469	006 ✓										~~496~~	
	+ 6	859 ✓										496 ✓	
BM H 97													BM H 97 (24-09290 CLA)
													Anaheim St. & Doming. Channel
													S.W. Cor. of W. Ramp of bridge

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 H-97 TO BM R 766
B.M. H-97													B.M. H-97 (2404290 CLA)
1	216	713	517	5	229 203	26	45	513	346	5	58 32	26	ANAHEIM ST. & DOMIG. CHANNEL
													S.W. COR. OF W. RAMP OF BRIDGE
2	243	846	544	5	255 231	24	60	523	361	5	72 48	24	
						50						50	
3	244	594	545	5	259 234	20	80	907	381	5	90 70	20	
						70						70	
4	262	664	563	5	276 248	28	85	490	386	5	97 73	24	
						98						94	
5	184	756	485	5	212 156	56	176	108	477 ~~377~~	5	207 147	60	
						154						154	
6	80	082	381	5	93 67	26	262	118	563	5	274 250	24	
						180						178	
7	66	707	367	5	78 54	24	253	425	554	5	264 242	22	
						204						200	
8	72	064	373	5	84 60	24	243	753	544	5	254 232	22	
						228						222	
9	80	177	381	5	90 70	20	250	645	551	5	261 239	22	
						248						244	
	1451	603					1458	482				248	
							1451	603				492	
						–	6	879					
B.M. R-766													B.M. R-766 U.S.C. & G.S.
													ANAHEIM ST. & DOMIG. CHANNEL
													N.E. COR. OF E. RAMP OF BRIDGE

WEATHER SUNNY-CLEAR INST. NO. 75234
TIME 9:40 ROD NO. 95F96
NOTES CHKD [signature] DATE SEP 26 '66

JOB NO. 0882.43
SURVEY OF LIB. PRECISE LEVEL NET
SURVEY BY BONDS NOTES ADAMS
INDEXED C. J. GALLI DATE

F.B. 3761 PG. 114

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM H 97 TO BM B 51
BM H 97													BM H 97 (24-04290 CLA)
1	92	845	393	5	125 / 59	66	134	835	435	5	167 / 101	66	Anaheim St. & Domig. Channel
													~~N.E.~~ S.W. Cor. of W. Ramp
2	184	319	485	5	202 / 166	36	139	025	440	5	157 / 121	36	
						102						102	
3	202	019	503	5	239 / 165	74	125	793	426	5	162 / 88	74	
						176						176	
4	165	048	466	5	196 / 134	62	113	083	414	5	145 / 81	64	
						238						240	
	644	231					512	736				238	
	512	736										478	
+	131	495											
BM B-51													BM B-51
													Anaheim St & Alameda
													N.W. Cor.

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

SURVEY BY Bowers WEATHER Hazy INST. NO. 75234

NOTES BY RCB DATE 9/7/66 TIME 10:05 ROD NO. 95-96

INDEXED E. J. GALLI DATE NOTES CHKD. [illegible] DATE SEP 26 '66

F.B. 3761 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. B-51 TO B.M. H-97
B.M. B-51													B.M. B-51
1	88	251	389	5	120 56	64	162	730	463	5	192 132	60	ANAHEIM ST. & ALAMEDA
													N.W. COR.
2	115	111	416	5	152 78	74	163	703	464	5	199 127	72	
						138						132	
3	133	330	434	5	152 114	38	188	695	489	5	206 170	36	
						176						168	Slot 9/8/66
4	115	302	416	5	148 82	66	68	329	369	5	101 35	66	
						242						234	
	451	994					583	457				242	
							451	994				476	
						—	131	463					
B.M. H-97													B.M. H-97 (24-04290 CLA)
													ANAHEIM ST. & DOMIB. CHANNEL
													S.W. COR. OF W. RAMP OF BRIDGE

WEATHER CLEAR & MILD INST. NO. 75239

TIME 9:20 A.M. ROD NO. 95-96

NOTES CHKD [illegible] DATE 2 6 '66

JOB NO. 0882.43

SURVEY OF L. B. PRECISE LEVEL NET

SURVEY BY BOWERS NOTES R. ANDERSON

INDEXED C. J. GALLI DATE

F.B. 3761 PG. 116

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM B-51 TO BM H-766
BM B-51	137		438						BM B-51
1	~~138~~	699	~~439~~ 5	174 100 74	156	781	457 5	193 119 74	Anaheim St. & Alameda N.W. Cor.
2	123	085	424 5	162 84 78	164	623	465 5	203 125 78	
				152				152	
3	183	140	484 5	220 146 74	141	638	442 5	178 104 74	
				226				226	
4	167	275	468 5	204 130 74	145	059	446 5	182 108 74	
				300				300	
5	167	658	468 5	204 130 74	132	403	433 5	169 95 74	
				374				374	
6	158	331	459 5	179 137 42	31	740	No check 5	52 10 42	
				416				416 ✓	
	937	188 ✓			772	244 ✓		416 ✓	
	772	244 ✓						832 ✓	
+	164	944 ✓							
BM H-766									BM H-766 USC&GS. Anaheim St. & McFarland E. Side of S.F. R.R. Bldg. on No. Side of Anaheim St. (A Vertical Bench)

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

SURVEY BY Bowers

NOTES BY RCB DATE 9/7/66

INDEXED C. J. GALLI DATE

WEATHER Hazy

TIME 10:40

NOTES CHKD [illegible] DATE SEP 26 '68

INST. NO. 25234

ROD NO. 85-86

F.B. 3761 Pg. 117

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. H-766 TO B.M. B-51
B.M. H-766													B.M. H-766 U.S.C. & G.S.
1	33	516	No check	5	53 / 13	40	170	630	471	5	192 / 148	44	ANAHEIM ST. & McFARLAND
													E. SIDE OF S.F.R.R. BLDG. ON NORTH
2	150 / ~~14~~	088	451	5	189 / 111	78	182	708	483	5	218 / 146	72	SIDE OF ANAHEIM ST. (A VERTICAL BENCH
						118						116	
3	150	617	451	5	186 / 114	72	165	760	466	5	202 / 128	74	
						190						190	
4	140	964	441	5	177 / 103	74	183	476	484	5	220 / 146	74	
						264						264	
5	187	878	488	5	224 / 150	74	139	627	440	5	177 / 101	76	FNL 9/7/66
						338						340	
6	151	193	452	5	188 / 114	74	136	578	437	5	173 / 99	74	
	814	256	✓			412	978	779	✓	~~5~~		414	✓
							814	256	✓			412	✓
							164	523	✓			826	✓
B.M. B-51													B.M. B-51
													ANAHEIM ST. & ALAMEDA
													N.W. COR.

F.B. 3761 Pg. 118

JOB NO. 0882-93

SURVEY OF L.B. PRECISE LEVEL NET

SURVEY BY BOWERS NOTES R. ANDERSON

INDEXED C. J. GALLI DATE

WEATHER CLEAR & MILD INST. NO. 75234

TIME 2:25 P.M. ROD NO. 95-96

NOTES CHKD [illegible] DATE SEP 20 [illegible]

76P526 CE # 308 3-65

6-412

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. H-766 TO B.M. B-51
B.M. H-766									B.M. H-766 (U.S.C. & G.S.)
1	24	870	325 5	1/2 24 / 66 / 84 ~~78~~	181	685	482 5 ~~[illegible]~~	142 / 220 / 78	ANAHEIM ST. & McFARLAND AV.
									E. SIDE OF S.F.R.R. BLDG. VERTICAL
2	138	794	439 5	109 / 166 / 57	160	973	461 5	128 / 192 / 64	
3	152	372	453 5	125 / 179 / 141 / 54	160	730	461 5	134 / 186 / 142 / 52	
4	140	739	441 5	113 / 167 / 195 / 54	169	470	470 5	142 / 197 / 194 / 55	
5	157	974	458 5	125 / 189 / 249 / 64	148	160	449 5	115 / 181 / 249 / 66	
6	169	785	470 5	142 / 196 / 313 / 54	155	637	456 5	129 / 181 / 315 / 52	
7	166	278	467 5	146 / 186 / 367 / 40	138	930	439 5	114 / 162 / 367 / 48	
				407				415	
BM ~~H-766~~ B-51								407	BM ~~H~~ B-51 (U.S.C. & G.S.)
	950	812			1115	585		822	ANAHEIM & ALAMEDA N.W. Cor.
					950	812			
					164	773			

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

SURVEY BY G.E. DREIER

NOTES BY WILKS DATE 9-14-66

INDEXED C. J. GALLI DATE

WEATHER HOT

TIME 2:40 - 3:10

NOTES CHKD [signature]

INST. NO. 96716

ROD NO. 9819

DATE SEP 26 '66

F.B. 3761 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

RERUN

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-51 TO BM H-766
BM B-51	2			114				125	BM B-51
1	139	720	440 5	163 49	146	285	447 5	167 42	ANAHEIM & ALAMEDA N.W. COR.
2	152	481	453 5	125 179 54	174	750	475 5	144 203 59	
3	150	179	451 5	127 173 46	175	506	476 5	151 199 48	
4	164	039	465 5	126 202 76	147	020	448 5	110 184 74	
5	181	162	482 5	148 213 65	156	460	457 5	123 189 66	
6	181	429	482 5	147 215 68	154	684	455 5	120 188 68	
7	182	568	483 5	155 208 53	131	940	332 5	1/2 31 59 56	
				101				413	
H-76								411	BM H-76
	1151 578				986 645			824	ANAHEIM & MC FARLAND
	986 645								VERTICAL BM E SIDE OF SANTA
+	164 933								FE R.R. BLDG.

WEATHER Hot

TIME 3:15 - 4:00 PM

NOTES CHKD

INST. NO. 96716

ROD NO. 9219

DATE SEP 26 '66

F.B. 3761 PG. 120

JOB NO. 0882.43

SURVEY OF Long Beach Precise Levels

SURVEY BY G.E.D. NOTES D.L.W. (9-14-66)

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM H-766 TO BM "A"
BM H-766				51					BM H-766 USC&GS.
1	30	230	No check 5	9 42	141	843	442 5	162 120 42	Anaheim St. & McFarland
2	165	139	466 5	202 128 74	136	733	437 5	172 100 72	E. Side of S.F.R.R. Bldg., on No. Side of Anaheim St. (A vertical bench)
				116				114	
3	170	725	471 5	207 133 74	132	843	433 5	169 95 74	
				190				188	
4	173	909	474 5	210 136 74	140	852	441 5	177 103 74	
				264				262	
5	167	908	468 5	197 137 60	112	308	413 5	142 82 60	
				324				322	
6	211	602	512 5	248 174 74	136	515	437 5	173 99 74	
				398				396	
7	176	685	477 5	202 150 52	155	213	456 5	181 129 52	
				450				448	
	1096	198			956	301		450	
	956	307						898	
+	139	891							
BM "A"									BM "A" Anaheim & Avalon, N.W. Cor. Spk, top Curb F.B. 3748-83

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

SURVEY BY Bowers WEATHER Hazy INST. NO. 75234

NOTES BY R.C.B. DATE 9/7/66 TIME 11:20 ROD NO. 95-86

INDEXED J. GALLI DATE NOTES CHKD. [signature] DATE SEP 26 '66

F.B. 3761 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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. "A" TO B.M. H-766
B.M. "A"	150		451		176			494			197		B.M. "A"
1	~~149~~	077	~~450~~	5	124	52	171	~~049~~	472	5	145	52	ANAHEIM & AVALON N.W. COR.
	129		430		166						241		SPK. T.C.B.
2	~~128~~	470	~~429~~	5	92	74	204	719	505	5	167	74	F.B. 3748-83
	117		418		147	126					203	126	
3	~~116~~	344	~~417~~	5	87	60	173	123	474	5	143	60	
					175	186	171		472		208	186	
4	138	117	439	5	101	74	~~173~~	785	~~474~~	5	134	74	
					169	260					206	260	
5	133	293	434	5	97	72	169	661	470	5	132	74	
					174	332					207	334	
6	139	271	440	5	104	70	166	253	467	5	131	70	
					166	402					56	404	
7	145	392	446	5	124	42	35	609	NO CHECK	5	16	40	
	952	964	✓			444	1,092	644	✓			444	✓
							952	964	✓			444	✓
							139	680	✓			888	✓
B.M. H-766													B.M. H-766 U.S.C.&, ANAHEIM ST. & Mc FARLAND EAST SIDE OF S.F.R.R. BLDG. ON NO. SIDE OF ANAHEIM ST. (A VERTICAL BENCH)

F.B. 3761 PG. 122

SURVEY OF L.B. PRECISE LEVEL NET JOB NO. 0882.43

SURVEY BY Bowers NOTES R.D. ANDERSON

INDEXED C. J. GALLI DATE

WEATHER CLEAR & MILD INST. NO. 75239

TIME 1:25 P.M. ROD NO. 95-96

NOTES CHKD [illegible] DATE SEP 26 '66

76P526 CE # 308 3-65

4-232

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. "A" TO B.M. "B"
B.M. "A"									B.M. "A"
1	161	519	462 5	184 139 45	143	825	444 5	166 120 46	ANAHEIM ST. & AVALON BLVD. N.W. COR
									SQ. SPK. IN CURB AT S.E. COR C.B.
2	156	090	457 5	176 136 40	147	650	448 5	167 127 40	ABOUT 5 FT. W. OF CURB RET.
				85				86	
3	151	688	452 5	182 120 62	129	962	430 5	158 100 58	
				147				144	π WILKS
4	166	817	467 5	186 147 39	126	953	427 5	146 107 39	
				186				183	
5	140	764	441 5	162 118 44	116	670	417 5	139 93 46	
				230 ✓				229 ✓	
B.M. "B"								230 ✓	B.M. "B"
	776	878 ✓			665	060 ✓		459 ✓	ANAHEIM ST. & LAGOON AVE. N.E. COR.
	665	060 ✓							SPK. IN CURB IN S. END OF C.B.
+	111	818 ✓							10 FT. N. OF N. END OF CURB RET.

JOB NO. ~~0301.02~~ 088243 SURVEY OF ~~L.A. CO.~~ LONG BEACH PRECISE LEVEL NET

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

NOTES BY SIEMANN DATE 9-13-66 TIME 1:50 TO 2:18 ROD NO. 9419

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE SEP 20 '66

F.B. 3761 PG. 123

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3761 PG. 124 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (9-14-66)

INDEXED C. J. GALLI DATE

WEATHER HOT - 2 MOCC INST. NO. 76716

TIME 2:00 PM ROD NO. 9 & 19

NOTES CHKD. DATE SEP 26 '66

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M. "B" TO B.M. "A"
B.M. "B"											B.M. "B"
1	130	110	431	5	157 103 54	187 667	488	5		214 160 54	ANAHEIM ST. & LAGOON AVE, N.E. COR.
2	132	586	433	5	156 108 48 102	177 650	478	5		201 153 48 102	SPK IN CURB AT S. END OF C.B. 10 FT. N. OF N. END OF CURB RETURN
3	143	233	444	5	169 117 52 154	148 007	449	5		174 122 52 154	
4	158	640	459	5	187 130 57 211	167 623	468	5		196 139 57 211	
5	141	071	442	5	153 129 24 235	136 440	437	5		148 125 23 234 235	
B.M. "A"										469	B.M. "A"
	205	640				81 387					ANAHEIM ST. & AVALON BLVD.
						705 640					N.W. COR. SQ SPK IN CURB IN
						~~109~~ 747					S.E. COR CATCH BASIN, 5 FT. W. OF
						111					CURB RETURN

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. "B" TO B.M. "C"
B.M. "B"							B.M. "B" (24-04010)
1	151 532	452 5	170 132 38	152 763	453 5	172 133 39	ANAHEIM ST & LAGOON AVE, N.E. COR.
							SPK IN CURB AT S. END OF C.B.
2	148 718	449 5	178 119 59 / 97	141 140	442 5	171 112 59 / 98	10 FT. N. OF N. END OF CURB RET.
3	173 888	474 5	196 151 45 / 142	144 088	445 5½	166 144 44 / 142	
4	163 895	464 5	184 142 42 / 184	137 886	438 5	158 116 42 / 184	
5	161 772	462 5	180 143 37 / 221	143 396	444 5	162 123 39 / 223	
6	164 800	465 5	188 141 47 / 268	129 732	430 5	151 106 45 / 268	
7	175 240	476 5	201 149 52 / 320 ✓	154 238	455 5	180 128 52 / 320 ✓	
B.M. "C"						320 ✓	B.M. "C"
	1139 845 ✓			1003 243 ✓		640	ANAHEIM ST. & WILMINGTON BLVD. S.W. COR.
	1003 243 ✓						SPK IN CURB 4 FT. S. OF S. END C.R.
+	136 602 ✓						

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

SURVEY BY G.E. DREIER

NOTES BY S.I.E. MANN DATE 9-13-66 WEATHER HOT INST. NO. 96716

INDEXED C. J. GALLE DATE TIME 2:20 TO 2:50 ROD NO. 9818

NOTES CHKD. [illegible] DATE SEP 26 '66

F.B. 3761 PG. 125

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3761 PG. 126 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVELNET

SURVEY BY PREIER NOTES STEMANN (9-14-66)

INDEXED C. J. GALLI DATE

WEATHER Hot - smoggy INST. NO. 96716

TIME 1:30 TO 2:00 ROD NO. 2819

NOTES CHKD. DATE SEP 26 '66

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. "C" TO B.M. "B"
B.M. "C"									B.M. "C"
1	125	010	426	5 157 93 64	179	015	480	5 211 147 64	ANAHEIM ST. & WILMINGTON AVE. S.W. COR.
2	132	187	433	5 164 100 64 128	175	806	476	5 208 142 66 130	SPK IN CURB 4 FT. S. OF S. END OF CURB RETURN
3	144	186	445	5 172 116 56 184	168	208	469	5 196 139 57 187	
4	122	954	423	5 145 100 45 229	167	928	468	5 190 145 45 232	
5	162	420	463	5 189 134 55 284	131	635	432	5 158 106 52 284	
6	144	082	445	5 162 126 36 320	144	905	445	5 162 126 36 320	
B.M. "B"								320	B.M. "B" (24-04010)
	830	837			967	497		640	
					830	839			
					136	658			

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM "C" TO BM "D"
BM "C"					196						119		BM "C"
1	216	977	517	5	236	40	139	377	440	5	159	40	ANAHEIM & WILMINGTON
					159						103		S.W. COR, SPK. ~~@ C.B.~~ IN CURB
2	185	253	486	5	210	51	129	804	430	5	155	52	4 FT. S. OF S. END CURB RETURN
					158	91					112	92	
3	182	334	483	5	206	48	136	328	437	5	160	48	
					165	139					117	140	
4	189	615	490	5	213	48	141	061	442	5	165	48	
					172	187					124	188	
5	200	299	501	5	229	57	153	292	454	5	181	57	
						244						245 ✓	
BM "D"												244 ✓	BM "D" (L.A. CITY 24-02670)
	974	478 ✓					699	862 ✓				48 ✓	ANAHEIM & FIGUEROA N.E. COR
	699	862 ✓											SPK. 5' N. OF N. END CURB RETURN
+	274	~~596~~ 616 ✓											

JOB NO. 0501.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — LONG BEACH — 0882.43

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

NOTES BY SIEMANN — DATE 9-13-66 — TIME 2:50 - 3:20 — ROD NO 9819

INDEXED C. J. GALLI — DATE — NOTES CHKD. [illegible] — DATE SEP 26 '66

F.B. 3761 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.

F.B. 3761 PG. 128 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES D.L.W. (9-14-66)

INDEXED C. J. GALLI DATE

WEATHER HOT INST. NO. 96716

TIME 1:00 - 1:20 ROD NO. 9819

NOTES CHKD. DATE SEP 20 '66

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. "D" TO B.M. "C"
B.M. "D"					147						153		B.M. "D" (L.A. 24-02670)
1	172	039	473	5	197	50	178	217	479	5	203	50	ANAHEIM ST. & FIGUEROA ST. N.E. COR.
					53						128		3 PK. IN CURB 5 FT. N. OF N.
2	88	227	389	5	123	70	165	237	466	5	202	74	END CURB RETURN
					63	120					160	124	
3	91	317	392	5	118	55	187	080	488	5	213	53	
					101	175					159	177	
4	130	450	431	5	159	58	187	814	488	5	215	56	
					134	233					173	233	
5	140	727	441	5	146	12	179	018	480	5	185	12	
						245						245	
BM "C"												245	BM "C"
	622	760					897	366				490	ANAHEIM & WILMINGTON S.W. COR.
							622	760					
							274	606					

76P526 CE # 308 3-65

7-344

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS
											FROM B.M. "D" TO L.A. 24-03790
B.M. "D"	3			168					134		B.M. "D" (L.A. CITY 24-02670)
1	194	662	495 5	220	52	160	675	461 5	185	51	ANAHEIM ST. & FIGUEROA ST., N.E. COR
				99					206		
2	125	441	426 5	151	52	232	930	533 5	258	52	
				34	104				240	103	
3	44	550	345 5	54	20	251	663	552 5	261	21	
				14	124				½ 280	124	
4	28	888	329 5	41	27	294	430	595 5	294	28	
				40	151				89	152	
5	70	403	371 5	100	60	119	570	420 5	149	60	
				254	211				13	212	
6	274	140	575 5	294	40	34	640	335 5	54	41	
				187	251				88	253	
7	211	986	512 5	235	48	111	832	412 5	134	46	
				181	299				86	299	
8	203	060	504 5	225	44	107	130	408 5	128	42	
					343					341	
24-03790										343	BM L.A. 24-03790
	1153	130				1312	870			689	ANAHEIM ST. & MAIN ENTRANCE
						1153	130				UNION 76 S.W. COR. SPK IN C.B.
						159	740				

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

SURVEY BY G.E. DREIER

NOTES BY WILKS DATE 9-14-66

INDEXED E. J. GALLI DATE

WEATHER CLEAR

TIME 8:35 - 4:10

NOTES CHKD [illegible] DATE SEP 26 '66

INST. NO. 96716

ROD NO. 9819

F.B. 3761 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.

F.B. 3761 PG. 130 JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Net

SURVEY BY S.E.D. NOTES D.G.W. (9-14-66)

INDEXED C. J. GALLI DATE

WEATHER Hot INST. NO. 96716

TIME 11:15 - 11:45 ROD NO. 9619

NOTES CHKD [illegible] DATE SEP 26 68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM L.A. 24-03790 TO BM "D"
L.A. 24-03790					59						194		BM L.A. 24-03790
1	87	650	388	5	115	56	222	890	523	5	250	56	ANAHEIM ST. & MAIN ENTRANCE
					80						210		TO UNION 76 PLANT S.W. COR.
2	102	430	403	5	125	45	231	380	532	5	252	42	
					25	101					185	98	
3	43	175	344	5	62	37	205	431	506	5	225	40	
					121	138					37	138	
4	148	365	449	5	175	54	64	798	365	5	91	54	
					272	192					1/2 6	192	
5	286	850	587	5	299	27	6	494	307	5	20	28	
					1/2 282	219					50	220	
6	296	050	597	5	296	28	64	008	365	5	78	28	
					169	247					113	248	
7	187	550	488	5	215	56	140	043	441	5	166	53	
					117	303					173	301	
8	137	598	438	5	156	39	194	982	495	5	216	43	
						342						344	
BM "D"												342	BM "D" (24-02670)
	1289	668					1130	026				686	ANAHEIM ST. & FIGUEROA ST.
	1130	026											N.E. COR.
+	159	642											

76P526 CE # 308 3-65

3-174

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER NOTES BY WILKS DATE 9-14-66 WEATHER WARM - CLEAR TIME 9:10 - 9:35 INST. NO. 96716 ROD NO. 7 & 19

INDEXED _____ DATE _____ NOTES CHKD. [illegible] DATE SEP 26 '66

F.B. 3761 PG. 131

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From LA 24-03790 To 24-03750
24-03790					179						47		BM 24-03790 (CITY L.A.)
1	214	375	515	5	248	69	81	354	382	5	116	69	ANAHEIM ST. AT ENTRANCE TO UNION
					194						50		REFINERY, S.W. COR.
2	228	135	529	5	262	68	84	458	385	5	118	68	
					179	137					94	137	
3	198	541	499	5	217	38	112	990	418	5	131	37	
						175						174	
24-03750												175	BM L.A. 24-03750
	641051						278 802					349	1000'± W MAIN ENTRANCE
	278 802												UNION 76 PLANT SPK IN
+	362 249												HEADWALL S SIDE ANAHEIM ST.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 96716
ROD NO. 9419
DATE SEP 26 '66

WEATHER WARM
TIME 11:00-11:15
NOTES CHKD. [illegible]

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM L.A.24-03750 TO L.A.24-03790
L.A.24-03750					66						190		B.M. L.A. 24-03750
1	96	120	397	5	125	59	220	797	521	5	250	60	1000'± W MAIN ENTRANCE
					64						202		UNION 76 PLANT SPK. IN
2	95	670	396	5	125	61	233	627	534	5	263	61	HEADWALL S. SIDE ANAHEIM ST.
					73	120					174	121	
3	100	448	401	5	126	53	200	190	501	5	227	53	
						174						174	
L.A 24-03790												123	BM L.A. 24-03790
	292	238					654	614				348	ANAHEIM ST. & MAIN ENTRANCE
							292	238				7	TO UNION 76 PLANT S.W.
							362	376					COR. SPK IN C.B. "

F.B. 3761 PG. 132 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES D.L.W. (9-14-66)

INDEXED C. J. GALL DATE

76P526 CE # 308 3-65

8-320

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 L.A. 24-03750 TO B.M. 5-50
24-03750									
1	122	107	423 5	144 / 100 44	292	000	593 5	½ 292 / 270 44	
2	7	621	308 5	½ 22 / 7 30 / 74	238	915	539 5	253 / 224 29 / 73	
3	119	706	420 5	147 / 92 55 / 129	187	182	488 5	214 / 161 53 / 126	
4	150	369	451 5	175 / 126 49 / 178	37	532	338 5	62 / 12 50 / 176	
5	283	400	584 5	299 / 268 31 / 209	2	940	303 5	18 / 2 32 / 208	
6	298	243	599 5	½ 298 / 285 26 / 235	20	368	321 5	33 / 7 26 / 234	
7	297	385	598 5	½ 297 / 275 44 / 279	12	530	313 5	½ 34 / 12 44 / 278	
8	272	673	573 5	296 / 248 48 / 327 ✓	85	683	386 5	108 / 62 46 / 324 ✓	
B.M. 5-50								327 ✓	B.M. 5-50
	1551	504 ✓			877	150 ✓		651 ✓	
	877	150 ✓							
+	674	354 ✓							

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

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

NOTES BY S. LEMANN DATE 9-14-66 TIME 9:35 To 10:10 ROD NO. 9819

INDEXED R. J. GALLI DATE NOTES CHKD. [signature] DATE SEP 26 '66

F.B. 3761 PG. 133

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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. 3761 PG. 134

SURVEY OF LONG BEACH PRECISE LEVEL NET JOB NO. 8882.43

SURVEY BY PRIES NOTES SIEMANN (9-14-66)

INDEXED C. J. GALL DATE

WEATHER SMOGGY INST. NO. 26716

TIME 10:30 TO 11:00 ROD NO. 78/19

NOTES CHKD. DATE SEP 26

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 5-50 TO L.A 24-03750
B.M. 5-50									B.M. 5-50
1	53 272	354 5		84 22 62	300 347	601 5		300 ½274 52	
2	36 559	337 5		51 22 29	300 104	601 5		300 ½281 38	
				91				70	
3	37 282	338 5		50 24 26	291 975	592 5		307 275 32	
				117				122	
4	24 819	325 5		41 7 34	249 717	550 5		264 234 30	
				151				152	
5	87 081	388 5		116 59 57	129 023	430 5		150 101 57	
				208				209	
6	197 692	498 5		226 169 57	104 672	405 5		133 75 58	
				265				267	
7	243 589	544 5		261 225 36	20 271	321 5		39 1 38	
				301				305	
8	189 777	490 5		202 176 26	148 146	449 5		160 136 24	
				327				329	
								327	
B.M. LA.24-03750									B.M. L.A. 24-03750
	870 071				1544 255			656	
					870 071				
					674 184				

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				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									B.M. 5-50 (U.S.C & G.S. Z-50 RESET 1945)
1	87	769	388 5	108 66 42	272	666	573 5	296 249 47	GAFFEY ST. & ANAHEIM ST., S.E. cor
									SEE F.B. 3701-125
2	14	377	315 5	35 14 42	249	334	550 5	269 229 40	
				84				87	
B.M. 5-51								84	B.M. 5-51 (U.S.C.& G.S. E-770)
	102	146			522	000		171	GAFFEY ST. S. OF ANAHEIM ST.
					102	146			SEE F.B. 3701-127
					419	854			

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 9-14-66

INDEXED C. J. GALLI DATE

WEATHER SMOGGY INST. NO. 96716

TIME 10:40 TO 10:15 ROD NO. 9817

NOTES CHKD [signature] DATE SEP 26 '66

F.B. 3761 PG. 135

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3761 PG. 136 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMENS (9-14-66)

INDEXED C. J. GALLI DATE

WEATHER SMOGGY INST. NO. 96716

TIME 10:10 TO 10:25 ROD NO. 9819

NOTES CHKD. DATE SEP 26 66

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													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	247	394	548	5	267 227	40	12	463	313	5	33 ½ 12	42	GAFFEY ST. S. OF ANAHEIM ST.
													SEE F.B. 3701-127
2	273	096	574	5	297 249	48	88	275	389	5	111 64	47	
						88						89	
B.M. 5-50												88	B.M. 5-50 (U.S.C.&G.S. Z-50 RESET 1945)
	520	490					100	738				177	GAFFEY ST. & ANAHEIM ST. S.E. COR.
	100	738											SEE F.B. 3701-125
	+ 419	752											

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						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													B.M. 5-50 (U.S.C.& G.S. Z-50 RESET 1945)
1	102	261	403	5	75 127	52	290	042	591	5	½ 264 ½ 290	52 ~~26~~	GAFFEY ST & ANAHEIM ST., S.E. COR.
													SEE F.B. 3701-125
2	18	804	319	5	½ 18 38	40	250	733	551	5	230 270	40	
						92						72	✓
B.M. 5-51	~~121~~	~~065~~					~~540~~	~~775~~				72	B.M. 5-51 (U.S.C.& G.S. E-770)
	121	065	✓				540	775	✓			184	GAFFEY ST. S. OF ANAHEIM ST.
							121	065	✓				SEE F.B. 3701-127
						-	419	710	✓				

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

SURVEY BY G.E. TREIER WEATHER SUNNY INST. NO. 96716

NOTES BY SIEMANN DATE 8-19-66 TIME 09:56 TO 10:05 ROD NO. 9819

INDEXED R. J. GALLI DATE NOTES CHKD. [illegible] DATE SEP 26 '68

F.B. 3761 PG. 137

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3761 PG. 138 JOB NO. 0382.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY C. J. GALL NOTES SIEMANN (8-23-66)

INDEXED DATE

WEATHER HOT INST. NO 96716

TIME 3:10 TO 3:30 ROD NO 9 & 17

NOTES CHKD DATE SEP 26 66

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	255	660	556	5 277 233 44	46	243	347	5 67 25 42	GAFFEY ST. S. OF ANAHEIM ST.
									SEE F.B. 3704-127
2	281	670	582	5 291 271 20	71	230	372	5 83 59 24	
				64	✓			66 ✓	
B.M. 5-50								64	B.M. 5-50 (U.S.C.&G.S. E-50 RESET 1945)
	537	330	✓		117	473	✓	130	GAFFEY ST. & ANAHEIM ST. S.E. COR.
	117	473	✓						SEE F.B. 3704-125
	+ 419	857	✓						

76P526 CE # 308 3-65

U-102

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0882.43 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER BRIGHT SUN INST. NO. 716
NOTES BY SIEMANN DATE 8-19-66 TIME 10:06 To 10:20 ROD NO. 9412
INDEXED DATE NOTES CHKD DATE 8-26-66
F.B. 3761 PG. 139

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
									From BM. 5-51 To BM. 5-52
BM. 5-51				52 48					BM. 5-51 (U.S.C. & G.S. E-770)
				53 52					GAFFEY ST. S. OF ANAHEIM ST.
1	27 732	328 5	½ 27	6	284 782	585 5	½ 284 260	48	SEE F.B. 3701-127
2	8 581	309 5	½ 24 8	32	298 593	599 5	½ 298 280	36	
				84				84	
3	40 827	341 5	49 30	19	264 709	565 5	274 255	19	
				103				103	
								103	
BM. 5-52									BM. 5-52 (U.S.C. & G.S. F-770)
	77 140				848 084			206	GAFFEY ST. 0.2 MI. S. OF
					77 140				ANAHEIM ST. SEE F.B. 3701-129
					- 770 944				

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 3761 PG. 140 JOB NO. 0882.43
SURVEY OF LONG BEACH PRECISE LEVEL NET
SURVEY BY DREIER NOTES SIEMANN (B-P.3-CC)
INDEXED C. J. GALLI DATE
WEATHER HOT INST. NO. 96716
TIME 1:00 TO 7:10 ROD NO. 7819
NOTES CHKD. DATE SEP 26 '68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 5-52 TO B.M. 5-51
B.M. 5-52									B.M. 5-52 (U.S.C.&G.S. E-770)
1	214	507	515 5	226 202 24	12	330	313 5	½ 26 ½ 12 28	GAFFEY ST., 0.2 mi. S. OF ANAHEIM ST
									SEE F.B. 3701-129
2	276	263	577 5	290 263 27 51	25	740	326 5	37 13 24 52	
3	290	045	591 5	½ 290 271 38 89	62	650	363 5	81 43 38 90	π WILKS
4	210	788	511 5	220 200 20 109	119	774	420 5	129 109 20 110 ✓	
B.M. 5-51								109	B.M. 5-51 (U.S.C.&G.S. E-770)
	991	603 ✓			220	494 ✓		219	GAFFEY ST. S. OF ANAHEIM ST
	220	494 ✓							SEE F.B. 3701-127
	771	109 ✓							

76P526 CE # 308 3-65

4-210

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 5-52 TO B.M. 5-53
B.M. 5-52									B.M. 5-52 (U.S.C.&G.S F-770)
1	25	783	326 5	37 13 24	194	788	495 5	206 182 24	GAFFEY ST 0.2 MI. S. OF ANAHEIM ST.
									SEE F.B. 3701-129
2	74	410	375 5	107 41 66	162	440	463 5	195 129 66	
				90				90	
3	155	250	456 5	193 116 77	123	227	424 5	162 85 77	
				167				167	
4	180	687	481 5	201 159 42	164	878	465 5	186 142 44	
				209				211	
B.M. 5-53								209	B.M. 5-53 (U.S.C.&G.S. H-770)
	436	130			645	333		420	GAFFEY ST. S. OF ANAHEIM
					436	130			ST. SEE F.B. 3701-131
				-	209	203			
			RERUN	8-24-66					
B.M. 5-52									B.M. 5-52 (U.S.C.&G.S. F-770)
1	20	852	321 5	33 7 26	250	602	551 5	264 236 28	
2	105	540	406 5	151 60 91	126	120	427 5	171 80 91	
				117				119	
3	184	360	485 5	231 138 93	143	371	444 5	189 97 92	
				210				211	
B.M. 5-53								210	B.M. 5-53 (U.S.C.&G.S. H-770)
	310	752			520	093		421	
					310	752			
				-	209	341			

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

SURVEY BY G.E. DREIER

NOTES BY S. IEMANN DATE 8-19-66

INDEXED G. J. GALLI DATE

WEATHER BRIGHT SUN INST. NO. 96716

TIME 10:27 TO 10:40 ROD NO. 9619

NOTES CHKD. [signature] DATE SEP 26 '66

F.B. 3761 PG. 141

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 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	148	070	449 5	179 117 62	172	753	473 5	203 141 62	GAFFEY ST. S. OF ANAHEIM ST
									SEE F.B. 3701-131
2	138	850	439 5	165 111 54 / 110	164	178	465 5	192 137 55 / 117	
3	140	326	441 5	165 114 51 / 167	143	807	444 5	170 116 54 / 171	
4	299	010	600 5	299 ½ 275 48 / 215	3~~5~~6	010	337 5	59 14 45 / 216	
								215	
B.M. 5-52									B.M. 5-52 (U.S.C.&G.S. F-770)
	726	256			516	748		431	GAFFEY ST., 0.2 MI. S.
	516	748							OF ANAHEIM ST.
	+209	508							SEE F.B. 3701-129
				RERUN 8-24-66					
B.M. 5-53									B.M. 5-53 (U.S.C.&G.S. H-770)
1	141	980	442 5	185 97 88	177	138	478 5	221 133 88	
2	125	500	426 5	175 75 100 / 188	84	140	385 5	134 34 100 / 188	
3	250	866	551 5	262 238 24 / 212	47	626	348 5	60 34 26 / 214	
								212	
B.M. 5-52									B.M. 5-52 (U.S.C.&G.S. F-770)
	518	346			308	904		426	
	308	904							
	+209	442							

WEATHER HOT INST. NO. 96716

TIME 2:40 TO 3:00 ROD NO. 9819

NOTES CHKD [signature] DATE SEP 26 '66

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (8-23-66)

INDEXED C. J. GALLI DATE

F.B. 3761 PG. 142

76P526 CE # 308 3-65

2-99

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				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	167	450	468 5	202 133 69	132	268	433 5	165 99 66	GAFFEY ST. S. OF ANAHEIM ST.
									SEE F.B. 3701-131
2	149	174	450 5	164 134 30	130	782	431 5	146 115 31	
				99				97	
B.M. 5-54								99	B.M. 5-54 (U.S.C. & G.S. J-770)
+	316	624			263	050		196	GAFFEY ST. & DR. TO TARGET RANGE
−	263	050							SEE F.B. 3701-133
+	53	574							

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

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

NOTES BY SIEMANN DATE 8-17-66 TIME 10:40 TO 10:51 ROD NO. 9819

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

F.B. 3761 PG. 143

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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. 3761 PG. 144 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY C. J. GALLI NOTES SIEMANN (8-23-66)

INDEXED DATE

WEATHER HOT INST. NO. 96716

TIME 2:20 TO 2:40 ROD NO. 2812

NOTES CHKD DATE 12-6-66

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	138	130	439	5 170 106 64	173	000	474	5 205 141 64	GAFFEY ST. & DR. TO TARGET RANGE
									SEE F.B. 3701-133
2	144	680	445	5 164 124 40 104	163	320	464	5 184 143 41 105	
B.M. 5-53								104	B.M. 5-53 (U.S.C.&G.S. H-770)
	282	810			336	325		209	GAFFEY ST. S. OF ANAHEIM ST.
					282	810			SEE F.B. 3701-131
					53	515			

76P526 CE # 308 3-65

2-130

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 5-54 TO B.M. 5-55
B.M. 5-54									B.M. 5-54 (U.S.C.& G.S J-770)
1	154	980	455 5	189 119 70	133	190	434 5	168 98 70	GAFFEY ST & DRIVE TO TARGET RANGE
									SEE F.B. 3701-133
2	164	327	465 5	174 134 60	131	516	432 5	161 101 60	
				130				130	✓
B.M. 5-55								130	B.M. 5-55 (U.S.C.& G.S. K-770)
	319	307	✓		264	706	✓	260	GAFFEY ST, 0.75 MI. S. OF ANAHEIM ST
	264	706	✓						SEE F.B. 3701-135
+	54	601	✓						

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

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

NOTES BY SIEMANN DATE 8-19-66 TIME 10:51 TO 11:00 ROD NO 9619

INDEXED C. J. GALLI DATE NOTES CHKD [signature] DATE SEP 26 '66

F.B. 3761 PG. 145

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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. 3761 PG. 146 JOB NO. 0892.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREES NOTES SIEMANN (8-23-66)

INDEXED C. J. GALLI DATE

WEATHER HOT INST. NO. 26716

TIME 2:05 TO 2:15 ROD NO. 2612

NOTES CHKD DATE SEP 26 '66

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	131	780	432	5	167 980	468	5	203 132 71	GAFFEY ST. 0.75 MI. S. OF ANAHEIM ST
				167 95 72					SEE F.B. 3701-133
2	140	293	441	5	158 643	459	5	187 127 62	
				171 109 62					
				134				133 ✓	
B.M. 5-54								134	B.M. 5-54 (U.S.C.&G.S. J-770)
	272 073	✓			326 623	✓		267	GAFFEY ST. & DR. TO TARGET
					272 073	✓			RANGE. SEE F.B. 3701-133
					54 550	✓			

76P526 CE # 308 3-61

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

2-112

[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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM B.M. 5-55 TO B.M. 5-56
B.M. 5-55			138				121		B.M. 5-55 (U.S.C. & G.S. K-770)
1	175 769	476 5	212	74	158 754	459 5	195	74	GAFFEY ST., 0.75 MI. S. OF ANAHEIM ST
			155				126		SEE F.B. 3701-135
2	173 012	474 5	191	36	145 960	446 5	165	39	
				110				113	
B.M. 5-56								110	B.M. 5-56 (U.S.C. & G.S. L-770)
	348 781				304 714			223	GAFFEY ST. 0.9 MI. S. OF ANAHEIM ST.
	304 714								SEE F.B. 3701-137
	44 067								

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

SURVEY BY S. E. DREIER

NOTES BY WILKS DATE 8-19-66

INDEXED C. J. GALLI DATE

WEATHER WARM INST. NO. 96716

TIME 11:05 - 11:15 ROD NO. 9819

NOTES CHKD [illegible] DATE SEP 26 [illegible]

F.B. 3761 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.

F.B. 3761 Pg. 148 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES D.L. W. (8-23-66)

INDEXED C. J. GALLI DATE

WEATHER HOT

TIME 1:50-2:00

NOTES CHKD

INST. NO. 76716

ROD NO. 7819

DATE SEP 26 '66

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. 5-55
B.M. 5-56			107			137	B.M. 5-56 (U.S.C.&G.S. L-770)
1	138 304	439 5	169 62	169 932	470 5	201 64	GAFFEY ST. 0.9 MI. S. OF ANAHEIM ST.
			127			142	SEE F.B. 3701-137
2	153 712	454 5	179 52	166 055	467 5	190 48	
			114			112	
B.M. 5-55						114	B.M. 5-55 (U.S.C.&G.S. K-770)
	292 016			335 987		226	GAFFEY ST. 0.75 mi. S. OF ANAHEIM ST.
				292 016			SEE F.B. 3701-135
				43 971			

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

2-86

Do not extend notes this side of this line.

JOB NO. ~~0901.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LONG BEACH PRECISE LEVEL NET

SURVEY BY G.E. DREELER

NOTES BY WICKS DATE 8-19-66 WEATHER WARM INST. NO. 96716

INDEXED G. J. GALLI TIME 11:15 - 1:25 ROD NO. 2 #19

DATE NOTES CHKD DATE SEP 26 '68

F.B. 3761 PG. 149

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 5-56 TO B.M. 5-57
B.M. 5-56				135				128	B.M. 5-56 (U.S.C.&G.S. L-770)
1	157	963	458 5	179 44	150	215	451 5	172 44	GAFFEY ST, 0.9 mi. S. OF ANAHEIM ST
				144				107	SEE F.B. 3701-137
2	164	317	465 5	184 40	127	318	428 5	147 40	
				84				84	
B.M. 5-57								84	B.M. 5-57 (U.S.C.&G.S. V-770)
	322	280	✓		277	533	✓	168	GAFFEY ST, 1 mi. S. OF ANAHEIM ST.
	277	533	✓						SEE F.B. 3701-139
+	44	747	✓						

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 5-57 TO B.M. 5-56
B.M. 5-57				93	169		470	141	B.M. 5-57 (U.S.C.&G.S V-770)
1	119	790	420 5	145 52	~~168~~	060	~~469~~ 5	196 55	GAFFEY ST., 1 MI. S. OF ANAHEIM ST
				40				138	SEE F.B. 3701-139
2	160	103	461 5	180 40	155	656	456 5	172 34	
				92				89	
B.M. 5-56								92	B.M. 5-56 (U.S.C.&G.S. L-770)
	279	893			324	716		181	GAFFEY ST. 0.9 MI. S. OF ANAHIEM ST.
					279	893			SEE F.B. 3701-137
				-	44	823			

F.B. 3761 PG. 150 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES WILKS 8-23-66

INDEXED C. J. GALLI DATE

WEATHER HOT INST. NO. 96716

TIME 1:40 - 1:50 ROD NO. 9 & 19

NOTES CHKD [signature] DATE SEP 26 '66

F.B. 3761 PG. 151

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

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

NOTES BY WILKS DATE 8-19-66 TIME 11:25 - 11:30 ROD NO. 7 & 19

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE SEP 26 '66

76P526 CE # 308 3-61

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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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS 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	144	571	445 5	110/178 68	114	777	415 5	1/2 114/148 68	GAFFEY ST. 1 MI. S. OF ANAHEIM ST.
									SEE F.B. 3701-139
B.M. 5-58								68/136	B.M. 5-58 (U.S.C.&G.S. U-770)
	144	571			114	777			GAFFEY ST. 1.1 MI. S. OF ANAHEIM ST.
	114	777							SEE F.B. 3701-141
+	29	794							

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 5-58 TO B.M. 5-57
B.M. 5-58									B.M. 5-58 (U.S.C. & G.S. U-770)
				74				103	GAFFEY ST. 1.1 MI. S. OF ANAHEIM ST
1	109	855	410 5	144 70	139	585	440 5	175 72	SEE F.B. 3701-141
B.M. 5-57								70	B.M. 5-57 (U.S.C. & G.S. V-770)
	109	855			139	585		142	GAFFEY ST., 1 MI. S. OF ANAHEIM ST.
					109	855			SEE F.B. 3701-139
					29	730			

F.B. 3761 PG. 152 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES WILKS (8-23-66)

INDEXED C. J. GALLI DATE

WEATHER HOT INST. NO. 96716

TIME 1:35-1:40 ROD NO. 9819

NOTES CHKD [illegible] DATE 26 '66

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 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~~ 0882.43 SURVEY OF L.A. CO. PRECISE LEVEL NET — LONG BEACH

SURVEY BY G.E. DREIER

NOTES BY WILKS DATE 8-19-66 WEATHER HOT INST. NO. 26716

INDEXED C.J. GALLI DATE TIME 11:30-11:50 ROD NO. 9217

NOTES CHKD DATE SEP 26 '66

F.B. 3761 PG. 153

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM B.M. 5-58 TO B.M. 5-61
B.M. 5-58				104					122		B.M. 5-58 (U.S.C. & G.S. U-770)
1	136	474	437 5	168	41	153	625	454 5	184	62	GAFFEY ST. 1.1 MI. S. OF ANAHEIM ST.
				127					114		SEE F.B. 3701-141
2	156	025	457 5	185	58	143	502	444 5	173	59	
				114	122				201	121	
3	141	653	442 5	168	54	228	201	529 5	256	55	
				70	176				167	176	
4	97	954	398 5	124	54	195	840	496 5	223	54	
					230 ✓					232 ✓	
BM5-61										230 ✓	BM5-61 (U.S.C.&G.S. R-770) DR
	532	106 ✓				721	168 ✓			462 ✓	GAFFEY ST. 0.1 MI. S. OF WESTMONT
						532	106 ✓				SEE F.B. 3701-143
					–	189	062 ✓	N.G.			
				RERUN		8-24-66					
B.M. 5-58									104		B.M. 5-58 (
1	127	810	428 8	84 170	86	146	832	447 5	188	84	
				138					½220		
2	182	421	483 5	226	88	266	417	567 5	266	92	
				69	174				155	176	
3	98	581	399 5	127	58	184	579	485 5	211	56	
					232 ✓					232 ✓	
BM5-61										232	BM 5-61
	408	812 ✓				597	828 ✓			464	
						408	812 ✓				
						189	016 ✓				

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

Do not extend notes this side of this line.

F.B. 3761 PG. 154 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NO

SURVEY BY DREIER NOTES WILKES 8-23-66

INDEXED C. J. GALLI DATE

WEATHER HOT INST. NO. 96716

TIME 1:20 - 1:35 ROD NO. 8219

NOTES CHKD DATE SEP

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM B.M. 5-61 TO BM 5-58
B.M. 5-61				156					68		B.M. 5-61 (U.S.C. & G.S. R-770)
1	183	918	484 5	210	54	96	869	397 5	124	56	GAFFEY ST 0.1 MI. S. OF WESTMONT DR.
				208					113		SEE F.B. 3701-143
2	241	230	542 5	274	66	145	403	446 5	178	65	
				~~175~~	120				141	121	
3	145	836	446 5	175	60	171	854	472 5	201	60	
	156	172	457	130	180				98	181	
4	~~160~~	~~648~~	~~461~~ 5	188	51	123	589	424 5	148	50	
					231 ✓					231 ✓	
BM 5-58										231 ✓	BM 5-58 (USC&GS U-770)
	727	156 ✓				537	715 ✓			462	GAFFEY ST. 1.1 MI. S. ANAHEIM ST.
	537	715 ✓									SEE F.B. 3701-141
⊥	189	441 ✓									
				RERUN		8-24-66					
BM 5-61				71					35		BM 5-61
1	209	100	510 5	247	76	72	718	373 5	110	75	
				59					132		
2	205	748	506 5	251	92	178	946	479 5	224	92	
				124	168				98	167	
3	156	517	437 5	188	64	130	563	431 5	162	64	
					232 ✓					231 ✓	
BM 5-58										232 ✓	BM 5-58
	571	365 ✓				382	027 ✓			463 ✓	
	382	027 ✓									
+	189	338 ✓									

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
RERUN	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 5-58 TO BM 5-61
BM 5-58									BM 5-58 (USC&GS U-770)
1	131	870	432 5	99 / 163 64	157	028	458 5	124 / 190 66	GAFFEY ST. 1.1 MI. S. OF ANAHEIM ST.
									SEE F.B. 3701-141
2	176	262	477 5	133 / 218 85 / 149	183	428	484 5	142 / 224 82 / 148	
3	60	110	361 5	19 / 101 82 / 231	216	773	517 5	175 / 257 82 / 230	
BM 5-61								231	BM 5-61 (USC&GS R-770)
	368	242			557	229		461	GAFFEY ST. 0.1 MI S. WESTMONT DR.
					368	242			SEE F.B. 3701-143
					188	987			

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

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

NOTES BY WILES DATE 8-24-66 TIME 9:50-10:05 ROD NO. 9819

INDEXED R. J. GALLI DATE NOTES CHKD [signature] DATE SEP 26 '66

F.B. 3761 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.

F.B. 3761 PG. 156 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES D.L.W. (8-24-66)

INDEXED A. J. GALLI DATE

WEATHER WARM INST. NO. 96716

TIME 10:05-10:20 ROD NO. 7819

NOTES CHKD. [illegible] DATE SEP 26 66

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
RERUN	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM BM 5-61 TO BM 5-58
BM 5-61				177					23		BM 5-61 (USC&GS R-770)
1	218	438	519 5	258	81	64	000	365 5	104	81	GAFFEY ST. 0.1 MI. S. OF WESTMONT DR.
				143					134		SEE F.B. 3701-143
2	185	918	486 5	227	84	177	520	478 5	219	85	
				118	165				91	166	
3	151	561	452 5	183	65	124	891	425 5	156	65	
					230 ✓					231 ✓	
BM 5-58										230 ✓	BM 5-58 USC&GS
	555	917 ✓				366	411 ✓			461 ✓	GAFFEY ST. 1.1 MI S. ANAHEIM ST.
	366	411 ✓									SEE F.B. 3701-139
+	189	506 ✓									

76P526 CE # 308 3-61

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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	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 5-61 TO B.M. 5-64
B.M. 5-61									B.M. 5-61 (U.S.C.&G.S. R-770)
1	47	840	348 5	79 15 64	228	868	529 5	261 195 66	GAFFEY ST., 0.1 MI. S. OF WESTMONT DR
									SEE F.B. 3701-143
2	140	600	441 5	174 106 68 132	180	110	481 5	213 146 67 133	
3	127	120	428 5	158 96 62 174	169	238	470 5	200 139 61 194	
4	119	050	420 5	150 88 62 256	165	800	466 5	196 134 62 256	⊼ WILKS
5	169	440	470 5	203 135 68 324	184	942	485 5	218 150 68 324	
6	140	603	441 5	170 110 60 384	180	860	481 5	210 150 60 384	
7	168	750	469 5	202 135 67 451	133	387	434 5	167 99 68 452	
B.M. 5-64								451	B.M. 5-64 (U.S.C.&G.S. C-615)
	913	403			1243	205		903	PACIFIC AVE. & BATTERY ST.,
					913	403			N.W. COR. SEE F.B. 3701-145
				-	329	802			

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

SURVEY BY G.E. DREIER

NOTES BY S. LEMANN DATE 8-19-66

INDEXED C. J. GALLI DATE

WEATHER HOT INST. NO. 96716

TIME 1:00 TO 1:45 ROD NO. 9819

NOTES CHKD. [illegible] DATE SEP 27 '66

F.B. 3761 PG. 157

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM 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	97	740	398 5	137 56 81	113	360	414 5	153 73 80	PACIFIC AVE. & BATTERY ST., N.W. COR
									SEE F.B. 3701-145
2	179	758	480 5	211 147 64 / 145	148	543	449 5	180 116 64 / 144	
3	146	450	447 5	178 114 64 / 209	144	000	445 5	177 111 66 / 210	⊼ WILKS
4	179	400	480 5	210 149 61 / 270	133	320	434 5	163 103 60 / 270	
5	174	462	475 5	206 142 64 / 334	131	800	432 5	163 99 64 / 334	
6	180	950	481 5	216 144 72 / 406	105	080	406 5	141 69 72 / 406	
7	207	122	508	231 184 47 / 453	59	770	360 5	83 35 48 / 454	
B.M. 5-61								453 / 907	B.M. 5-61 (U.S.C. & G.S. R-770)
	1165	882			835	873			GAFFEY ST. 0.1 MI. S. OF WESTMONT DR
	835	873							SEE F.B. 3701-143
+	330	009							

F.B. 3761 PG. 158

SURVEY OF LONG BEACH PRECISE LEVEL NET

JOB NO. 0882.43

SURVEY BY C. J. GALLI

NOTES SIEMANN (8-23-66)

INDEXED

DATE

WEATHER CLEAR

TIME 11:45 TO

NOTES CHKD

INST. NO. 96716

ROD NO. 9&19

DATE SEP 27 '66

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.

JOB NO. ~~0301.02~~ 0082.43 SURVEY OF ~~L.A. CO.~~ LONG BEACH PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 8-17-66 WEATHER HOT INST. NO 76716

INDEXED C.J. GALLI DATE TIME 1:55 TO 2:15 ROD NO. 9F17

NOTES CHKD DATE SEP 27 '66

F.B. 3761 PG. 159

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 5-64 TO B.M. 5-65A
B.M. 5-64							B.M. 5-64 (U.S.C. & G.S. C-615)
1	93 133	394 5	125 / 62 63	143 553	4445	174 / 112 62	PACIFIC AVE. & BATTERY ST., N.W. COR.
							SEE F.B. 3701-145
2	122 / ~~117~~ 000	423 / ~~41~~ 5	156 / 88 68 / 131	104 377	4055	138 / 70 68 / 130	
							⊼ WILKS
3	157 240	458 5	169 / 145 24 / 155 ✓	177 610	4785	189 / 166 23 / 153 ✓	
						155	B.M. 5-65A C
B.M. 5-65A						308	PACIFIC AVE. & MIRA FLORES AVE
	372 373	✓		425 540 ✓			SEE F.B. 3701-147
				372 373 ✓			
			-	53 167 ✓			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3761 PG. 160 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY OREIER NOTES SIEMANN (8-23-66)

INDEXED C. J. GALLI DATE

WEATHER WARM INST. NO. 96716

TIME 11:30 TO 11:40 ROD NO. 2E17

NOTES CHKD [illegible] DATE SEP 27 '66

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	151 010	452 5	180 122 58	172 870	473 5	201 143 58	PACIFIC AVE. & MIRA FLORES AVE.
							SEE F.B. 3701-147
2	165 790	466 5	208 121 87 145	90 640	391 5	135 46 89 147	⊼ WILKS
B.M. 5-64						145 292	B.M. 5-64 (U.S.C.&G.S. C-615)
	316800			263 510			PACIFIC AVE & BATTERY ST., N.W. COR
	263510						SEE F.B. 3701-145
	53290						

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.

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									B.M. 5-65A
1	201	375	502 5	233 169 64	139	255	440 5	172 105 67	PACIFIC AVE & MIRA FLORES AVE
									SEE F.B. 3701-147
2	171	500	472 5	199 143 56	141	470	442 5	170 112 58	
				120				125	
3	156	250	457 5	178 134 44	163	188	464 5	185 141 44	⊼ WILKS
				164				169	
4	168	697	469 5	184 152 32	193	411	494 5	207 180 27	
				196				196	
B.M. 5-65B								196	B.M. 5-65B (CITY OF L.A. 24-00990)
	697	822			637	324		392	FRONT ST. & KNOLL AVE
	637	324							SEE F.B. 3701-149
+	60	498							

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 8-19-66 WEATHER HOT INST. NO. 96716

INDEXED C. J. GALLI DATE TIME 2:20 TO ROD NO. 9 & 19

NOTES CHKD [illegible] DATE SEP 2 [illegible]

F.B. 3761 Pg. 161

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3761 PG. 162 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (8-23-66)

INDEXED G. J. GALLI DATE

WEATHER HOT INST. NO. 96716

TIME 11:20 TO 11:30 ROD NO. 7819

NOTES CHKD. [illegible] DATE SEP 27 '66

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. (CITY LA. 24-00990)
1	169 538	470 5	193 145 48	142 490	443 5	166 118 48	FRONT ST & KNOLL AVE.
							SEE F.B. 3701-149
2	136 796	437 5	167 105 62 / 110	171 510	472 5	201 141 60 / 108	↑ WILKS
3	145 200	446 5	173 118 55 / 165	172 450	473 5	201 144 57 / 165	
4	160 172	461 5	174 146 28 / 173	185 680	486 5	200 171 29 / 194	
B.M. 5-65A						193	B.M. 5-65A
	6 11706			672 130		387	PACIFIC AVE & MIRA
				611 706			FLORES AVE. SEE F.B. 3701-147
				60 424			

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 5-65B TO BM 5-66A
B.M. 5-65B				166				138	B.M. 5-65 B (CITY L.A. 24-00990)
1	196	292	497 5	226 60	168	780	469 5	198 60	FRONT ST. & KNOLL AVE
				116				138	SEE F.B. 3701-149
2	149	983	450 5	182 66	171	628	472 5	205 67	
				126				127	
3	147	068	448 5	117 60	163	008	464 5	133 60	⊼ SIEMANN
				186				187	
4	148	810	449 5	114 68	155	250	456 5	121 67	
				254				254	
5	168	931	469 5	138 60	150	308	451 5	120 60	
				314				314	
6	173	489	474 5	153 40	109	322	410 5	90 37	
				354				351	
BM 5-66A								354	BM 5-66A (USC&GS F-970) ~~(CITY LA 24-00990)~~
	984	573			918	296		705	HARBOR BLVD. & VINCENT THOMAS BRIDGE
	918	296							SEE F.B. 3701-151
+	66	277							

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

SURVEY BY G.E. DREIER

NOTES BY WILKS DATE 8-19-66

INDEXED C. J. GALLI DATE

WEATHER HOT

TIME 3:05 - 3:30

NOTES CHKD [illegible] DATE SEP 27 '66

INST. NO. 96716

ROD NO. 9 & 19

F.B. 3761 PG. 163

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 5-66A TO B.M. 5-65B.
B.M. 5-66A	4								B.M. 5-66A (U.S.C.&G.S. F-970)
1	111	532	412 5	105 / 117 12	168	741	469 5	162 / 174 12	HARBOR BLVD. & THOMAS BRIDGE
									SEE F.B. 3701-151
2	148	955	449 5	115 / 179 64	167	320	468 5	135 / 198 63	
				76				75	⊼ SIEMANN
3	148	985	449 5	113 / 183 70	156	999	457 5	121 / 191 70	
				146				145	
4	167	591	468 5	131 / 203 72	146	585	447 5	109 / 183 74	
				218				219	
5	169	772	470 5	134 / 204 70	147	570	448 5	112 / 1181 69	
				288				288	
6	172	912	473 5	140 / 204 64	199	148	500 5	167 / 231 64	
				352				352	
BM 5-65B								352	BM 5-65B (CITY LA. 24-00990)
	919	747			986	363		704	FRONT ST. & KNOLL AVE.
					919	747			SEE F.B. 3701-149
					~~67~~	~~116~~			
					66	616			

F.B. 3761 PG. 164

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY G.E.P. NOTES WILKS (8-23-66)

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 10:40 - 11:10 ROD NO. 7817

NOTES CHKD [illegible] DATE SEP 27 '66

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF L.A. CO. PRECISE LEVEL NET — LONG BEACH
SURVEY BY G.E. DREIER
NOTES BY WILKS
INDEXED G.J. GALLI
DATE 9-15-66
WEATHER HOT
TIME 1:30 - 2:05
INST. NO. 36776
ROD NO. 3669
NOTES CHKD. [illegible]
DATE SEP 27 '66
F.B. 3761
PG. 148

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM BM 5-66A TO BM 5-66B
5-66A		32		122					178		BM 5-66A (USC&GS F-970)
1	136	150	437 5	151	29	193	471	494 5	208	30	HARBOR BLVD. & VINCENT THOMAS BRIDGE
				111					133		SEE F.B. 3701-151
2	142	492	443 5	173	62	164	168	465 5	195	62	
				121	91			45	124	92	
3	151	264	452 5	181	60	154	701	455 5	184	60	
				139	152				123	152	
4	167	107	468 5	195	56	151	397	452 5	179	56	
				140	207				120	208	
5	167	220	468 5	194	54	149	123	450 5	178	58	
				144	261				129	266	
6	170	288	471 5	196	52	153	178	454 5	176	47	
				149	313				182	313	
7	169	018	470 5	189	40	205	162	504 5	224	42	
					353					355	
5-66B										353	BM 5-66B (24-00990)
	1103539					1169200				708	FRONT ST. & KNOLL AVE
						1103539					SEE F.B. 3701-149
						65661					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 5-65B TO BM 5-66A
5-65B				180		713		144	BM 5-65 B (24-00990)
1	203	014	504 5	227 47	168	~~46~~	469 5	191 47	FRONT ST. & KNOLL AVE,
				121				139	SEE F.B. 3701-149
2	148	169	449 5	175 54	166	203	467 5	193 54	
				125 101				144 101	
3	151	502	452 5	177 52	170	132	471 5	196 52	
				124 153				142 153	
4	153	470	454 5	182 58	171	462	472 5	200 58	
				131 211				121 211	
5	160	581	461 5	189 58	150	740	451 5	179 58	
				137 269				123 269	
6	162	431	463 5	186 49	148	062	449 5	173 50	
				155 318				94 319	
7	172	458	473 5	189 34	100	149	411 5	126 32	
				352				351	
5-66A								352	BM 5-66A
	1151	625			1085	461		703	HARBOR BLVD. & THOMAS BRIDGE
	1085	461							SEE F.B. 3701-151
	+ 66	164							

F.B. 3761 Pg. 166 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES WILKS (9-15-66)

INDEXED C. J. GALLI DATE

WEATHER SMOGGIER HOTTER INST. NO. 96716

TIME 2:05 ROD NO. 9819

NOTES CHKD. [illegible] DATE SEP 27 '66

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M 5-66 A TO B.M. 5-65 B
B.M. 5-66A									B.M. 5-66 A (U.S. C.& G.S F-970)
1	121	948	422 5	137 / 105 32	184	137	485 5	201 / 168 33	HARBOR BLVD. & THOMAS BRIDGE
									SEE F.B. 3701-151
2	139	390	440 5	170 / 107 63	160	483	461 5	193 / 127 66	
				95				99	
3	145	100	446 5	173 / 117 56	145	460	446 5	173 / 117 56	
				151				155	
4	160	600	461 5	186 / 134 52	143	090	444 5	168 / 118 50	
				203				205	
5	158	170	459 5	188 / 127 61	140	820	441 5	171 / 109 62	
				264				267	
6	165	040	466 5	191 / 140 51	144	705	445 5	168 / 120 48	
				315				315	
7	159	639	460 5	177 / 141 36	197	180	498 5	215 / 179 36	
				351				351	
B.M. 5-65B								351	B.M. 5-65B (L.A. 24-00990)
	1049887				1115875			702	FRONT ST. & KNOLL AVE
					1049887				SEE F.B. 3701-149
					65988				

JOB NO. ~~0001.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LONG BEACH PRECISE LEVEL NET

SURVEY BY G. E. DREIER WEATHER HOT-SMOGGY INST. NO. 96716

NOTES BY SIEMANN DATE 9-15-66 TIME 2:55 ROD NO. 9 & 19

INDEXED C. J. GALLI DATE NOTES CHKD. [signature] DATE SEP 27 '66

F.B. 3761 Pg. 167

F.B. 3761 Pg. 168 JOB NO. 0882.43

SURVEY OF LONG BEACH

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

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON 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 B.M. 5-66A TO B.M. 5-67A
B.M. 5-66A	33	3		95	5			132	B.M. 5-66A (U.S.C.&G.S. F-970)
1	100	069	401 5	105 10	138	379	439 5	144 12	HARBOR BLVD. & VINCENT THOMAS BRIDGE
				137				91	SEE F.B. 3701-151
2	166	263	467 5	195 58	120	700	421 5	149 58	
				148 68				138 70	
3	179	449	480 5	210 62	168	753	469 5	198 60	
				181 130				113 130	
4	212	570	513 5	243 62	144	645	445 5	175 62	
				140 192				108 192	
5	171	495	472 5	202 62	138	152	439 5	168 60	
				146 254				122 252	
6	172	361	473 5	198 52	149	824	450 5	176 54	
				143 306				149 306	
7	169	568	470 5	195 52	175	397	476 5	201 52	USC&GS G-970
T.P. U.S.C.&G.S				115 358				186 358	HARBOR BLVD. & ~~2nd~~ 1st ST. N.E. COR
8	145	482	446 5	175 60	216	515	517 5	246 60	
				418				418	
BM 5-67A								418	BM 5-67A
	1317	257			1252	365		836	HARBOR BLVD. & 2nd ST.
	1252	365							SEE F.B. 3701-153
	64	892							
	64	892							

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

SURVEY BY G.E. DREIER

NOTES BY WILKS DATE 8-22-66

INDEXED C. J. GALLI DATE

WEATHER WARM INST. NO. 96716

TIME 9:20 - 9:58 ROD NO. 9819

NOTES CHKD [illegible] DATE SEP 27 '68

F.B. 3761 PG. 169

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM5-67A TO BM5-66A
BM 5-67A				187		4		116	BM 5-67A
1	217	078	518 5	248 61	146	087	447 5	176 60	HARBOR BLVD. & 2ND ST.
T.P. U.S.C.&G.S. G-970									SEE F.B. 3701-153
									USC&GS G-970
2	177	634	478 5	148 206 58	171	322	472 5	143 199 56	
3	141	182	442 5	106 176 70	183	871	484 5	147 220 73	
4	139	903	440 5	101 177 76	179	659	480 5	140 218 78	SIEMANN
5	135	992	436 5	101 169 68	179	172	480 5	146 212 66	
6	135	357	436 5	101 169 68	194	463	495 5	158 229 71	
7	157	132	458 5	148 166 18	114	348	415 5	108 120 12	
				419				416	
BM 5-66A								419	BM 5-66A
	1104	278			1168	922		835	(USC&GS F-970)
					1104	278			HARBOR BLVD. & VINCENT THOMAS BRIDGE.
					64	644			SEE F.B. 3701-151

F.B. 3761 PG. 170 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES D.C.W. (8-23-66)

INDEXED C. J. GALLI DATE

WEATHER WARM INST. NO. 96716

TIME 10:10 - 10:40 ROD NO. 9019

NOTES CHKD [illegible] DATE SEP 27 '66

76P526 CE # 308 3-65

6-392

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 5-67A TO B.M. 5-68
B.M. 5-67A	~~[illegible]~~			~~176~~	~~[illegible]~~				B.M. 5-67A
1	175	180	476 5	155 41	16~~5~~	184	467 5	187 145 42	HARBOR BLVD. & 2nd ST.
~~2~~									SEE F.B. 3701-153
2	116	346	417 5	150 82 68 / 109	141	193	442 5	174 108 66 / 108	
3	125	416	426 5	154 96 58 / 167	187	696	488 5	216 157 59 / 167	⊼ WILKS
4	128	016	429 5	163 94 69 / 236	224	000	525 5	258 190 68 / 235	
5	139	139	4~~3~~40 5	167 111 56 / 292	173	393	474 5	202 144 58 / 293	
6	102	536	403 5	136 68 68 / 360	154	152	455 5	188 120 68 / 361	
7	151	936	452 5	169 133 36 / 396	48	008	349 5	67 29 36 / 397	
								396	
B.M. 5-68									B.M. 5-68 (TIDAL 36)
	938	564			1094	626		793	W. SIDE OF R.R. TRACKS IN ~~[illegible]~~
					938	564			TOP OF N. END OF WALL.
				-	156	062			SEE F.B. 3701-155
							N.G.		

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

SURVEY BY G.E. DREIER

NOTES BY S. JEMANN DATE 8-22-66 WEATHER HOT INST. NO. 96716

INDEXED C. J. GALLI DATE TIME 10:00 TO 10:25 ROD NO. 9419

NOTES CHKD. [illegible] DATE 2-7-68

F.B. 3761 PG. 171

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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. 3761 PG. 172 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DPEIER NOTES SIEMANN 8-23-66

INDEXED C.J. GALL DATE

WEATHER WARM INST. NO. 96716

TIME 3:15 TO 3:30 ROD NO. 9819

NOTES CHKD. DATE SEP 27 '66

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM.5-68 TO BM.5-67A
BM.5-68									BM.5-68 (TIDAL 36)
1	53	084	354 5	81 26 55	156	416	457 5	184 128 56	W. SIDE OF R.R. TRACKS, TOP OF WALL SEE F.B. 3701-155
2	184	090	485 5	224 145 79 134	115	217	416 5	154 76 78 134	
3	199	578	5 ~~5~~00 5	234 164 70 204	110	257	411 5	144 76 68 202	
4	169	217	470 5	206 133 73 277	131	273	432 5	168 93 75 277	
5	182	307	483 5	220 144 76	115	443	416 5	153 77 76	
	165	523	466 5	185 146 353				353	
6	~~170~~	~~915~~	~~471 5~~	~~187 159 34~~	168	758	469 5	187 148 39	
				~~387~~ 392 ✓				392 ✓	
BM.5-67A								392 ✓	BM.5-67A
	953	799 ✓			797	364 ✓		784 ✓	HARBOR BLVD & 2nd ST. SEE F.B. 3701-153
	797	364 ✓							
+	156	435 ✓							

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 5-67A TO B.M. 5-68
B.M. 5-67A									B.M. 5-67A
1	160	480	461 5	220 100 120	231	220	532 5	291 171 120	HARBOR BLVD & 2nd ST.
									SEE F.B. 3701-153
2	122	963	423 5	½ 197 122 150	261	585	562 5	½ 261 186 150	
				270				270	
3	111	422	412 5	150 72 78	155	065	456 5	190 115 75	
				348				345	
4	139	948	440 5	159 119 40	43	333	344 5	64 22 42	
				388 ✓				387 ✓	
B.M. 5-68								388 ✓	B.M. 5-68 (TIDAL 36)
	534	813 ✓			691	203 ✓		775	W. SIDE OF R.R. TRACKS, TOP OF
					534	813 ✓			WALL SEE F.B. 3701-155
					156	390 ✓			

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 8-23-66

INDEXED C. J. GALLI DATE

WEATHER OVERCAST

TIME 09:24 TO

NOTES CHKD [signature]

INST. NO. 96716

ROD NO. 9819

DATE SEP 27 '66

F.B. 3761 PG. 173

F.B. 3761 Pg. 174 JOB NO. 0882.43

SURVEY OF LONG BEACH

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD. _____ DATE _____

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 5-68 TO B.M. 5-69
B.M. 5-68									B.M. 5-68 (TIDAL 36)
1	42	632	343 5	77 7 70	146	658	447 5	180 112 68	W. SIDE OF R.R. TRACKS, TOP OF N. END OF WALL
									SEE F.B. 3701-155
2	158	310	459 5	184 132 52	155	964	456 5	181 130 51	
				122				119	
3	148	900	449 5	173 122 51	77	695	378 5	104 277 57	
				173				173	
B.M. 5-69								173	B.M. 5-69 (TIDAL 49)
	349	842			380	317		346	W. SIDE OF R.R. TRACKS IN FACE OF WALL
					349	842			SEE F.B. 3701-157
				-	30	475	NG		
					RERUN 8-23-66				
B.M. 5-68									B.M. 5-68 (TIDAL 36)
1	49	220	350 5	87 12 75	153	377	454 5	171 115 76	W. SIDE OF R.R. TRACKS, TOP OF N. END
									OF WALL. SEE F.B. 3701-155
2	158	300	459 5	175 120 75	149	780	450 5	187 111 76	
				150				152	
3	158	885	459 5	170 146 24	93	437	394 5	104 82 22	
				174				174	
B.M. 5-69								174	B.M. 5-69 (TIDAL 49)
	366	405			396	594		348	W. SIDE OF R.R. TRACKS IN FACE
					366	405			OF WALL SEE F.B. 3701-155
				-	30	189			

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

SURVEY BY SIEMANN DATE 8-22-66 WEATHER HOT INST. NO. 96716

NOTES BY C. J. GALLI DATE TIME 10:26 TO 10:45 ROD NO. 9217

INDEXED DATE NOTES CHKD. DATE SEP 27 '66

F.B. [illegible] PG. 175

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER WARM INST. NO. 86716
TIME 2:40 TO ROD NO. 2817
NOTES CHKD DATE SEP 27 '68

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 5-69 TO B.M. 5-68
B.M. 5-69													B.M. 5-69 (TIDAL 49)
1	79	375	380	5	105 53	52	145	396	446	5	171 120	51	W. SIDE OF R.R. TRACKS ON FACE OF WALL
													SEE F.B. 3701-157
2	151	450	452	5	176 126	50	153 ~~14~~	980	454	5	178 127	51	
						102						102	
3	142	340	443	5	177 107	70	43	583	344	5	79 7	72	
						172						174	
												172	
B.M. 5-68													B.M. 5-68 (TIDAL 36)
	373	165					342	959				346	W. SIDE OF R.R. TRACKS, TOP OF WALL
	342	959											SEE F.B. 3701-155
+	30	206											

F.B. 3761 PG. 176 JOB NO. 0882.43
SURVEY OF LONG BEACH PRECISE LEVEL NET
SURVEY BY DREYER NOTES SIEMANN 8-22-66
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

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

SURVEY BY DREIER

NOTES BY SIEMANN DATE 8-22-66 WEATHER HOT INST. NO. 26216

INDEXED C.J. GALLI DATE TIME 10:45 TO 11:00 ROD NO. 2812

NOTES CHKD DATE SEP 27 '66

F.B. 3761 PG. 177

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 5-69 TO B.M. 5-70
B.M. 5-69									B.M. 5-69 (TIDAL 49)
1	96	300	397	5	158	247	459	5	W. SIDE OF R.R. TRACKS ON FACE OF WALL
				121 72 49				182 134 48	SEE F.B. 3701-157
2	148	940	449	5	145	440	446	5	
				181 115 66 115				178 112 66 114	
3	174	494	475	5	100	272	401	5	
				199 149 50 165				125 75 50 164 165	
B.M. 5-70									B.M. 5-70 (TIDAL 12)
	419	734			403	759		329	~~W. SIDE OF~~ SIGNAL ST. & SAMPSON WAY
	403	959							SEE F.B. 3701-159
5 +	15	775							

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.

F.B. 3761 PG. 186 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVELNET

SURVEY BY DREIER NOTES WILKS 8-22-66

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO. 76716

TIME 2:00 - 2:30 ROD NO. 2E14

NOTES CHKD DATE SEP 27 '66

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 5-71 TO B.M. 5-70
B.M. 5-71					45						138		B.M. 5-71 (TIDAL 11)
1	66	900	367	5	87	42	159	785	460	5	180	42	22nd. ST. W. OF SIGNAL ST.
					142						134		SEE F.B. 3701-161
2	168	271	469	5	194	52	160	260	461	5	186	52	
					125	94					121	94	
3	154	805	455	5	183	58	149	511	450	5	177	56	
					160	152					117	150	
4	181	962	482	5	202	42	140	523	441	5	165	46	
						194						196	
												194	B.M. 5-70 (TIDAL 12)
B.M. 5-70												390	SIGNAL ST. & SAMPSON WAY
	571	938					610	099					SEE F.B. 3701-159
							571	938					
							38	141					

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 5-71 TO B.M. 5-72
B.M. 5-71													B.M. 5-71 (TIDAL 11)
1	50	875	351	5	80 20	60	155	509	456	5	185 125	60	22nd ST. W. OF SIGNAL ST.
													SEE F.B. 3701-161
2	179	646	480	5	209 149	60 120	142	444	443	5	172 112	60 120	✓ ✓
B.M. 5-72												120	B.M. 5-72 (TIDAL 10)
	230	521	✓				297	953	✓			240	22nd ST. & SIGNAL ST
							230	521	✓				SEE F.B. 3701-163
						–	67	432	✓				

JOB NO. ~~0301.02~~ 08243 SURVEY OF ~~L.A. CO.~~ LONG BEACH PRECISE LEVEL NET

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

NOTES BY G.E. DREIER DATE 8-22-66 TIME 11:20 TO 11:30 ROD NO. 9617

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE SEP 2 '66

F.B. 3761 PG. 181

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 5-72 TO B.M. 5-71
B.M. 5-71					109						150		B.M. 5-72 (TIDAL 10)
1	141	830	442	5	172	63	181	648	482	5	212	62	SIGNAL ST. & 22nd ST.
					142		64		365		34		SEE F.B. 3701-163
2	172	249	473	5	202	60	~~65~~	973	~~366~~	5	94	60	
						123						122 ✓	
B.M. 5-71												123	B.M. 5-71 (TIDAL 11)
	314	079 ✓					246	621 ✓				245	22nd ST. W. OF SIGNAL ST
	246	621 ✓											SEE F.B. 3701-161
+	67	458 ✓											

F.B. 3761 PG. 182 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES WILKS (8-22-66)

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 1:50 - 2:00 ROD NO. 9819

NOTES CHKD [illegible] DATE 27 '66

76P526 CE # 308 3-65

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0501.02 SURVEY OF L.A. CO. PRECISE LEVEL NET LONG BEACH 0882.43

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

NOTES BY G.E. DREIER DATE 8-22-66 TIME 11:30 TO 11:35 ROD NO. 2 & 12

INDEXED D.J. GALLI DATE NOTES CHKD. DATE SEP 27 '68

F.B. 3761 PG. 183

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 5-72 TO B.M. 5-73
B.M. 5-72									B.M. 5-72 (TIDAL 10)
									SIGNAL ST. & 22nd ST.
1	107	167	408	5 130 84 46	53	800	354	5 76 30 46	SEE F.B. 3701-163
B.M. 5-73								46	B.M. 5-73 (TIDAL 9)
	107	167			53	800		92	SIGNAL ST. & 22nd ST. S.W. COR
	53	800							SEE F.B. 3701-165
+	53	367							

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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 B.M. 5-73 TO B.M. 5-72
B.M. 5-73													B.M. 5-73 (TIDAL 9)
					28						81		SIGNAL ST. & 22nd. ST. S.W. COR
1	51	077	352	5	74	46	104	347	405	5	127	46	SEE F.B. 3701-165
B.M. 5-72												46	B.M. 5-72 (TIDAL 10)
	51	077					104	347				92	SIGNAL ST. & 22nd. ST
							51	077					SEE F.B. 3701-163
						-	53	270					

F.B. 3761 PG. 184 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES WILKS 8-22-66

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO. 96216

TIME 1:45-150 ROD NO. 9 & 19

NOTES CHKD [signature] DATE SEP 27 '66

76P526 CE # 308 3-65

8-417

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0882.43 LONG BEACH
SURVEY BY DREIER
SURVEY OF L.A. CO. PRECISE LEVEL NET
NOTES BY WILKS
C. J. GALLI
DATE 8-22-66
WEATHER CLEAR
TIME 11:35 - 12:00
INST. NO. 26716
ROD NO. 2819
INDEXED
DATE
NOTES CHKD
DATE SEP 27 '66
F.B. 3761 PG. 185

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From B.M. 5-73 To B.M. 5-74
B.M. 5-73					87		442				132		B.M. 5-73 (TIDAL 9)
1	58	870	359	5	87	60	162	680	463	5	192	60	SIGNAL ST. & 22nd ST. S.W. COR.
					125						120		SEE F.B. 3701-165
2	163	665	464	5	201	76	159	120	460	5	198	78	
					118	136					127	138	
3	150	462	451	5	182	64	158	380	459	5	189	62	
					128	200					121	200	
4	163	359	464	5	198	70	156	163	457	5	191	70	
					121	270					134	270	
5	154	330	455	5	187	66	167	592	468	5	200	66	
					163	336					134	336	
6	187	820	488	5	211	48	157	470	458	5	181	47	
					222	384					131	383	
7	236	960	537	5	260	28	146	242	447	5	161	50	✓
						412						413	
												412	✓
BM 5-74													BM 5-74 (TIDAL 8)
	1115	466		✓			1107	647		✓		826	S. END OF SIGNAL ST. AT S. END
	1107	647		✓									OF BERTH 60
★	~~15 819~~												SEE F.B. 3701-167
+	7 819			✓									

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.5-74 TO B.M.5-73
BM.5-74	330	54		1/2 127	343	32		207	B.M.5-74 (TIDAL 8)
1	127	708	428 5	144 34	223	890	525 5	239 32 ~~25~~	S. END OF SIGNAL ST. AT S. END BERTH 60
~~2~~	+			100				119	SEE F.B. 3701-167
2	134	999	445 5	169 69	154	025	455 5	189 70	
				127 103				130 102	
3	161	599	462 5	195 68	165	790	466 5	200 70	
				123 171				106 172	
4	164	854	465 5	206 83	147	569	448 5	188 82	
				125 254				120 254	
5	160	574	461 5	195 70	155	876	456 5	190 70	
				133 324				122 324	
6	159	191	460 5	186 53	149	710	450 5	175 53	
				182 377				52 377	
7	155	177	456 5	177 45	75	029	376 5	97 45	
				422				422	
BM 5-73								422	BM 5-73 (TIDAL 9)
	1064	102			1071	889		844	SIGNAL & 22ND STS.
					1064	102			SEE F.B. 3701-165
					7	787			

WEATHER CLEAR INST. NO. 96716
TIME 1:15 - 1:45 ROD NO. 9&19
NOTES CHKD [signature] DATE SEP 27 '66

F.B. 3761 PG. 186 JOB NO. 0892.43
SURVEY OF LONG BEACH PRECISE LEVEL NET
SURVEY BY DREIER NOTES WILKS 8-22-66
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. ~~0001.00~~ 0682.43 SURVEY OF ~~L.A. CO.~~ LONG BEACH PRECISE LEVEL NET

SURVEY BY C.E. WILKES / WILLIS BALL DATE 9-12-66 WEATHER CLEAR INST. NO. 96126

NOTES BY TIME 10:40 - 10:55 ROD NO. 9869

INDEXED DATE NOTES CHKD. DATE

F.B. 376 Pg. 182

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From L.B. 566 To L.B. 565
L.B. 566											134		B.M. L.B. 566
1	232	659	533	5	205 / 259	54	161	263	462	5	198	54	PAC. COAST Hwy & L.B. BLVD. S.E. COR
											152		P.C.C. CYLINDER, & BRASS KNOB 28.4 FT
2	128	173	429	5	95 / 161	66	186	572	487	5	220	68	E & 6.3 FT. S. OF CURB
											98	122	
3	145	931	446	5	112 / 178	120 / 66	131	611	432	5	164	66	
						186					172	188	
4	169	073	470	5	155 / 183	28	186	921	487	5	200	28	
						214 ✓						216 ✓	
												214 ✓	
												430	
L.B. 565													
	675836 ✓						666367 ✓						B.M. L.B. 565
	666367 ✓												PAC. COAST Hwy & ATLANTIC AVE. S.E. COR
+	9469 ✓												P.C.C. CYLINDER, BRASS KNOB 9.6 E. & 3.6 FT
													SOUTH OF CURB

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 WARM INST. NO. 96716
TIME 10:25-10:50 ROD NO. 96-19
NOTES CHKD. DATE SEP 27 '88

SURVEY OF LONG BEACH PRECISE LEVEL NET
SURVEY BY S.E.D. NOTES WILKES (9-13-66)
INDEXED C. J. GALLI DATE
JOB NO. 0882.43
F.B. 3761 Pg. 188

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM L.B. 565 TO L.B. 566
L.B. 565					135						149		BM L.B. 565
1	161	373	462	S	187	52	174	585	475	S	199	50	ATLANTIC & PACIFIC COAST HWY.
					146						113		S.E. COR., P.C.C. CYLINDER, BRASS KNOB,
2	171	318	472	S	195	49	142	760	443	S	171	58	9.6 FT. E. & 7.6 FT. S. OF CURB LINES
					163	101					118	108	
3	197	604	498	S	231	68	150	620	451	S	182	64	
					120	169					194	172	
4	140	228	441	S	159	39	212	242	513	S	230	36	
						208	✓					208 ✓	
L.B. 566												208 ✓	BM L.B. 566
	670	523	✓									416	PACIFIC COAST HWY & LONG
							680	207	✓				BEACH BLVD. S.E. COR.
							670	523	✓				P.C.C. CYLINDER, BRASS KNOB, 23.4 FT.
							9	684	✓				E. & 6.3 FT. S. OF CURB LINES

76P526 CE # 308 3-65

4-218

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 L.B. 565 TO L.B. 521
L.B. 565				174				146	B.M. L.B. 565
1	197	961	498 5	220 46	169	250	470 5	192 46	PAC. COAST HWY & ATLANTIC AVE., S.E. COR.,
				161				118	P.C.C. CYLINDER & BRASS KNOB, 9.6 FT E. &
2	189	908	490 5	217 56	147	669	448 5	176 58	3.6 FT. S. OF CURB LINES
				133 102				111 104	
3	165	213	466 5	197 64	142	640	443 5	173 62	
				142 166				1/2 138 166	
4	171	688	472 5	199 57	167	036	468 5	167 58	
				223 ✓				224 ✓	
L.B. 521								223 ✓	B.M. L.B. 521
	724	770 ✓			626	595 ✓		447	ATLANTIC AVE. & 15th ST., N.E. COR
	626	595 ✓							P.C.C. CYLINDER & BRASS KNOB, 5 FT. E.
+	98	175 ✓							& 7 FT. NORTH OF CURBS

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

SURVEY BY G. E. DREIER

NOTES BY WILES DATE 9-12-66

INDEXED C. J. GALLI DATE

WEATHER CLEAR

TIME 10:55 - 11:15

NOTES CHKD [illegible] DATE SEP 27 '68

INST. NO. 9676

ROD NO. 9819

F.B. 3761 PG. 189

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM L.B. 521 TO L.B. 565
L.B. 521					133						142		BM L.B. 521
1	167	710	468	5	201	68	176	719	477	5	176	64	ATLANTIC & 15TH N.E. COR.
					111						139		P.C.C. CYLINDER, BRASS KNOB 5 FT. E.
2	149	512	450	5	182	66	175	542	476	5	210	71	& 7 FT. N. OF CURB LINES
					125	134					143	135	
3	151	170	452	5	177	52	171	000	472	5	199	56	
					137	186					181	191	
4	150	937	451	5	164	27	194	128	495	5	207	26	
						213						217	
L.B. 565												213	BM L.B. 565
	619	329					717	389				430	ATLANTIC & PACIFIC COAST
							619	329					HWY. S.E. COR., P.C.C. CYLINDER, BRASS
							98	060					KNOB, 9.6 FT. E. & 3.6 FT. S. OF CURBS

WEATHER WARM-CLEAR INST. NO. 96716
TIME 10:05 - 10:25 ROD NO. 9E19
NOTES CHKD. [illegible] DATE SEP 27 '66

F.B. 3761 PG. 190 JOB NO. 0882.43
SURVEY OF LONG BEACH PRECISE
SURVEY BY G.E.D. NOTES D.L.W. (9-13-66)
INDEXED J. GALLI DATE

76P526 CE # 308 3-65

3-180

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 L.B.521 TO L.B.517
L.B. 521					156						114		BM. L.B. 521
1	190	275	491	5	225	69	149	237	450	5	184	70	ATLANTIC AVE & 15th ST. N.E. COR.,
					143						119		P.C.C. CYLINDER, BRASS KNOB, 5 FT. E &
2	176	069	477	5	209	66	152	740	453	5	185	66	7 FT. N. OF CURBS
					154	135					135	136	
3	175	981	476	5	197	43	157	170	458	5	179	44	
						178						180	
L.B. 517												178	BM L.B. 517
	542	325					459	147				358	ATLANTIC AVE. & ANAHEIM ST. N.W. COR.
	459	147											USGS BRASS DISC A-10, 1.9 FT.
	83	178											N. & 24 FT. W. OF CURBS

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

SURVEY BY G. E. DREIER

NOTES BY WILKS DATE 9-12-66

INDEXED C. J. GALLI DATE

WEATHER CLEAR

TIME 11:15-11:30

NOTES CHKD [signature]

INST. NO. 96746

ROD NO. 9619

DATE SEP 27 '66

F.B. 3761 PG. 791

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.

WEATHER Warm Clear INST. NO. 96716
TIME 9:50 - 10:05 ROD NO. 9619
NOTES CHKD. DATE SEP 27 '66

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM L.B. 517 TO L.B. 521
L.B. 517					126						139		BM L.B. 517
1	154	813	455	5	182	56	167	294	468	5	195	56	ATLANTIC & ANAHEIM
					111						142		N.W. Cor.
2	143	772	444	5	174	63	174	147	475	5	206	64	
					125	119					164	120	
3	155	170	456	5	186	61	195	679	496	5	226	62	
						180						182	
L.B. 521												180	BM L.B. 521
	453	755	✓				537	120	✓			362	ATLANTIC & 15TH
							453	755	✓				N.E. Cor, P.C.C. CYLINDER, BRASS KNOB,
							83	365					5 FT. E. & 7 FT. N. OF CORES

F.B. 3761 PG. 192 JOB NO. 0882.43
SURVEY OF Long Beach Precise Level Net
SURVEY BY G.E.D. NOTES D.L.W. (9-13-66)
INDEXED DATE

76P526 CE # 308 3-65

4-200

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 L.B. 517 TO L.B. 274
L.B. 517				139				131	BM. L.B. 517
1	164	508	465 5	189 50	155	540	456 5	178 47	ATLANTIC AVE & ANAHEIM ST, N.W. COR
				141				129	U.S. G.S. BRASS DISC, A-10
2	166	119	467 5	191 50	155	950	456 5	182 53	1.9 FT. N. & 24 FT. W. OF CURBS
				142 100				120 100	
3	175	615	476 5	207 65	152	349	453 5	184 64	
				165				169 164	
4	168	600	469 5	151 185 34	186	358	487 5	204 35	
				199				199	
L.B. 274								199	BM L.B. 274
	674842				650197			398	ATLANTIC AVE. & 10TH ST. N.W. COR
	650197								3 FT. W. & 21.2 FT. N. OF CURBS
L	24645								

0882.43

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

SURVEY BY G. E. DREIER

NOTES BY WILKS DATE 9-12-66

INDEXED C. J. GALLI DATE

WEATHER CLEAR

TIME 11:30 - 11:45

NOTES CHKD [signature] DATE SEP 27 '66

INST. NO. 9674

ROD NO. 9819

F.B. 3761 PG. 193

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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WEATHER CLEAR INST. NO. 96716
TIME 9:35 - 9:50 ROD NO. 9619
NOTES CHKD. DATE SEP 27 '68

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM L.B. 274 TO L.B. 517
L.B. 274					147						137		BM L.B. 274
1	175	090	476	5	204	57	166	322	467	5	195	58	ATLANTIC & 10TH N.W. COR.
					123						139		L.B.B.M. 3FT. W. & 21.2 FT. N. OF CURBS
2	154	903	455	5	185	62	170	038	471	5	201	62	
					119	119					138	120	
3	149	761	450	5	179	60	168	848	469	5	198	60	
					134	179					132	180	
4	148	179	449	5	162	28	147	182	448	5	162	30	
						207						210 ✓	
L.B. 517												207	BM L.B. 517
	627	933	✓									417	ATLANTIC & ANAHEIM
							652	390 ✓					N.W. COR. USGS BRASS DISC. A-10
							627	933 ✓					1.9 FT. N. & 24 FT. W. OF CURBS
							24	457 ✓					

B. 3761 PG. 194 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES D.L.W. (9-13-62)

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

4-205

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 L.B. 274 TO L.B. 590
L.B. 274					167						126		L.B. 274
1	199	965	500	5	231	64	157	251	458	5	186	60	ATLANTIC AVE & 10th ST., N.W. COR,
					122						122		L.B.B.M. 3 FT. W. & 21.2 FT. N. OF CURBS
2	149	850	450	5	175	53	151	408	452	5	179	57	
					139	117					127	117	
3	168	000	469	5	197	58	152	786	453	5	177	50	
					146	175					156	167	
4	163	708	464	5	177	31	176	020	477	5	196	40	
						206 ✓						207 ✓	
L.B. 590												206	✓ BM L.B. 590
	681	523 ✓					637	465 ✓				413	ATLANTIC AVE & 7TH ST. N.E. COR.
	637	465 ✓											P.C.C. CYLINDER, BRASS KNOB 15.2 FT.
+	44	058 ✓											E. & 10.2 N. OF CURBS

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

SURVEY BY G.E. DREIER

NOTES BY WILKS DATE 9-12-66

INDEXED C.J. GALLI DATE

WEATHER CLEAR

TIME 11:45-12:00

NOTES CHKD [signature] DATE SEP 27 '66

INST. NO. 96716

ROD NO. 9419

F.B. 3761 PG. 195

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM L.B. 590 TO L.B. 274
L.B. 590					152						138		BM L.B. 590
1	177	970	478	5	203	51	164	876	465	5	190	52	ATLANTIC AVE & 7TH ST. N.E. COR.
					110						131		℄ TIE MON. P.C.C. CYLINDER, BRASS KNOB,
2	141	610	442	5	172	62	162	013	463	5	192	61	15.2 FT. E. & 10.2 FT. N. OF CURBS
					134	113					136	113	
3	163	111	464	5	191	57	165	630	466	5	194	58	
					135	170					168	171	
4	153	692	454	5	171	36	187	790	488	5	205	37	
						206	✓					208	✓
L.B. 274												206	BM L.B. 274
	636	383	✓				680	309	✓			414	ATLANTIC AVE. & 10TH ST.
							636	383	✓				N.W. COR., L.B.B.M. 3 FT. W. & 21.2
						—	43	926	✓				FT. N. OF CURB LINES

F.B. 3761 PG. 196 JOB NO. 0882.43

SURVEY OF ~~L.A. Co. Pt.~~ LONG BEACH PRECISE LEVEL HT

SURVEY BY G.E.D. NOTES D.L.W. 9-13-66

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 9:20 - 9:35 ROD NO. 9519

NOTES CHKD [illegible] DATE SEP 27 '66

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM L.B. 590 TO L.B. 164
L.B. 590									B.M. L.B. 590
				218				204	ATLANTIC AVE. & 7th ST., N.E. COR
1	191	953	492 5	164 54	179	203	480	154 50	& TIE MON. P.C.C. CYLINDER, BRASS KNOB
									15.2 FT. E. & 10.2 FT. N. OF CURBS
L.B. 164								54	B.M. L.B. 164
	191	953			179	203		104	7th ST. & LIME AVE., S.W. COR
	179	203							L.B.B.M. 13.3 FT. W. & 6 FT. S. OF CURB
	12	750	OK						
				RERUN	(9-13-66)				
B.M.L.B. 590	181	085	482 5	207 155 52	168	425	467 5	194 142 52	
1								52	
B.M.L.B. 164									
	181	085			168	425		104	
	168	425							
	12	660							

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 9-12-66

INDEXED C.J. McCarty DATE

WEATHER CLEAR LT. BR.

TIME 1:15 TO 1:20

NOTES CHKD. [illegible] DATE SEP 27 '66

INST. NO. 96716

ROD NO. 9 & 19

F.B. 3761 PG. 197

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.L.B. 164 TO B.M.L.B. 590
B.M.L.B. 164									B.M.L.B. 164
1	166	713	467 5	191 140 51	179	280	480 5	205 153 52	7TH ST. & LIME AVE., S.W. COR.
								51	L.B.B.M. 13.3 FT. W. & 6 FT. S. OF CORBS
B.M.L.B. 590									B.M. L.B. 590
	166	713			179	280		103	ATLANTIC AVE & 7th ST, N.E. COR,
					166	713			℄ TIE MON., CONC. CYLINDER, BRASS KNOB
					12	567			15.2 FT. E. & 10.2 FT. N. OF CURB LINES
							N.G.		
			RERUN (9-13-66)						
B.M.L.B. 164									
1	168	478	469 5	194 143 51	181	072	482 5	207 156 51	
								51	
B.M.L.B. 590									
	168	478			181	072		102	
					168	478			
					12	594			

F.B. 3761 PG. 198 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (9-13-66)

INDEXED C. J. GALLI DATE

WEATHER clear INST. NO. 97616

TIME 9:15 TO 9:30 ROD NO. 9019

NOTES CHKD [illegible] DATE SEP 27 '68

76P526 CE # 308 3-65

2-76

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 L.B.164 TO L.B.591
L.B.164								B.M.L.B.164
1	182.523	483 5	218 146 72	164 376	465 5	201 127 74 72		7th ST. & LIME AVE, S.W. COR. L.B.B.M. 13.3 FT. W. & 6 FT. S. of CURB
L.B.591								B.M. L.B.591
	182 523			164 376			146	7th ST. & OLIVE AVE, N.E. COR.
	164 376							& TIE MON, CONC. CYLINDER, BRASS KNOB
	18.147							10.4 FT. E. & 10.1 FT. N. OF CURBS
			RERUN (9-13-66)					
B.M.L.B.164								
1	181.502	482 5	218 145 73	163 441	464 5	199 126 73 73		
B.M.L.B.591								
	181.502			163 441			146	
	163.441							
	18.061							

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

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

NOTES BY SIEMANN DATE 9-12-66 TIME 1:25 TO 130 ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE SEP 27 '66

F.B. 3761 PG. 199

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM L.B. 591 TO L.B. 164
L.B. 591									L.B. 591
1	161	034	462 5	178 ½ 161 74	179	048	480 5	215 143 72	7th ST. & OLIVE AVE., N.E. COR.
									℄ TIE MON., CONC. CYLINDER, BRASS KNOB
									10.4 FT. E. & 10.1 FT. N. OF CURBS
B.M. L.B. 164								74	B.M. L.B. 164
	161	034			179	048		146	7th ST. & LIME AVE., S.W. COR
					161	034			L.B.B.M. 13.3 FT. W. & 6 FT. S. OF CURBS
					18	014			
			RERUN (9-13-66)						
B.M. L.B. 591									
1	165	300	466 5	202 128 74	183	335	484 5	219 147 72	
								74	
B.M. L.B. 164									
	165	300			183	335		146	
					165	300			
					18	035			

F.B. 3761 Pg. 200 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (9-13-66)

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 76716

TIME 9:05 TO 9:10 ROD NO. 7E19

NOTES CHKD [illegible] DATE SEP 27 '66

76P526 CE # 308 3-65

2-67

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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM L.B.591 TO L.B. ~~764~~ 5
L.B.591									B.M. L.B.591
1	178,140		479 5	198 159 39	150,521		451 5	170 130 40	7th ST. & OLIVE AVE, N.E. COR.,
									℄ TIE MON. P.C.C. CYLINDER & BRASS KNOB
2	159,388		460	180 138 42	171,693		472 5	172 151 41	10.4 FT. E. & 10.1 FT. N. OF CURBS
				81				81	
B.M. L.B. 5								81	B.M. L.B. 5
	~~170~~				322,214			162	7th ST. & CALIFORNIA AVE, N.E. COR
	337528								℄ TIE MON., CONC. CYLINDER, BRASS KNOB,
	322214								15 FT. E. & 10 FT. N. OF CURBS
	15,314								

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

SURVEY BY G. E. DREIER

NOTES BY SIEMANN DATE 9-12-66

INDEXED C. J. GALLI DATE

WEATHER SUNNY

TIME 1:30 TO 1:40

NOTES CHKD. [illegible] DATE SEP 27 '68

INST. NO. 96716

ROD NO. 9419

F.B. 3761 PG. 201

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM L.B. 5 TO L.B. 591
L.B. 5													B.M. L.B. 5
1	164	434	465	5	192 136	56	154	726	455	5	182 126	56	7th ST. & CALIFORNIA AVE., N.E. COR
													℄ TIE MON, CONC. CYLINDER, BRASS KNOB
2	146	476	447	5	159 134	25	171	489	472	5	183 159	24	15 FT. E. & 10 FT. N. OF CURBS
						81	✓					80	✓
B.M. L.B. 591												81	B.M. L.B. 591
	310	910	✓				326	215	✓			161	7th ST. & OLIVE AVE, N.E. COR
							310	910	✓				℄ TIE MON., CONC. CYLINDER, BRASS KNOB
							15	305	✓				10.4 FT. E. & 10.1 FT. N. OF CURBS

WEATHER Clear INST. NO. 96716

TIME 8:50 TO 9:05 ROD NO. 9819

NOTES CHKD. [illegible] DATE SEP 27 '66

B.B. 3761 Pg. 202 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (9-13-66)

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

U-211

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 L.B. 5 TO L.B. 178
L.B. 5									B.M. L.B. 5
1	172.3	10	473 5	201 143 58	131	031	432 5	160 103 57	7th ST. & CALIFORNIA AVE., N.E. COR.
									℄ TIE MON., P.C.C. CYLINDER, BRASS KNOB,
2	15~~3~~4.9	64	455 5	189 124 65	169	237	470 5	1/2 169 137 64	15 FT. E. & 10 FT. N. OF CURBS
				123				121	
3	160.7	45	461 5	191 127 62	155	330	456 5	186 124 62	
				185				183	
4	149.0	25	450 5	162 135 27	175	777	476 5	190 161 29	
				212				212	
B.M. L.B. 178								212	
	637	044			631	375		424	B.M. L.B. 178
	631	375							ALAMITOS AVE. & 4th ST. N.E. COR
	~~5~~	~~089~~							℄ TIE MON. CONC. CYLINDER, BRASS KNOB
+	5	669							4 FT. E. & 14 FT. N. OF CURBS

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

SURVEY BY G. E. DREIER

NOTES BY SIEMANN DATE 7-12-66

INDEXED C. J. GALLI DATE

WEATHER SUNNY

TIME 1:40 TO 1:55

NOTES CHKD. [illegible] DATE SEP 27 66

ROD NO. 9 & 19

INST. NO. 26716

F.B. 3761 PG. 203

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3761 PG. 204

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DRELIKA NOTES SIENKIN (9-13-66)

INDEXED C. J. GALLI DATE

JOB NO. 0882.43

WEATHER Clear INST. NO.

TIME 8:40 To 8:50 ROD NO.

NOTES CHKD. DATE SEP 27 '66

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM L.B.178 TO L.B.5
L.B.178													B.M. L.B. 178
1	176	741	477	5	208 144	64	145	363	446	5	178 113	65	ALAMITOS AVE. & 4th ST., N.E.COR
													& TIE MON, CONC. CYLINDER, BRASS KNOB
2	154	325	455	5	190 118	72	119	278	420	5	154 84	70	4 FT. E. & 14 FT. N. OF CURBS
						136						135	
3	120	186	421	5	155 85	70	192	239	493	5	227 157	70	
						206 ✓						205 ✓	
B.M. L.B. 5												206	B.M. L.B. 5
	451	252	✓				456	880	✓			411	7th ST. & CALIFORNIA AVE., N.E.COR.,
							451	252 ✓					& TIE MON. CONC. CYLINDER,
								5628 ✓					BRASS KNOB, 15 FT. E & 10 FT.
													N. OF CURB LINES

76P526 CE # 308 3-65

2-78

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 L.B. 178 TO L.B. 4
L.B. 178									B.M. L.B. 178
1	152	360	453 5	½ 179 152 54	178	430	479 5	½ 178 151 54	4th ST. & ALAMITOS AVE, N.E. COR.
								54	℄ TIE MON., P.C.C. CYLINDER, BRASS KNOB,
									4 FT. E. & 14 FT. N. OF CURB
B.M. L.B. 4									B.M. L.B. 4
	152	360	✓		178	430	✓	108	ALAMITOS AVE. & 3rd ST., N.E. COR
					152	360	✓		P.C.C. CYLINDER, BRASS KNOB, 18.8 FT. E.
					26	070	✓		& 6.6 FT. N. OF CURB.

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

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

NOTES BY SIEMANN DATE 9-12-66 TIME 1:58 TO 2:05 ROD NO. 9419

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE SEP 27 '66

F.B. 3761 PG. 205

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 L.B. 4 TO L.B. 178
	~~148~~	~~930~~	~~449~~ 5	½ 176 148 56					B.M. L.B. 4
L.B. 4									ALAMITOS AVE & 3RD ST., N.E. COR.,
1	174	999	475 5	½ 174 147 54	148	930	449 5	½ 176 148 56	CONC. CYLINDER, BRASS KNOB, 18.8 FT. E. & 6.6 FT. N. OF CURB LINES
L.B. 178								54	B.M. L.B. 178
	174	999			148	930		110	ALAMITOS AVE. & 4TH ST., N.E. COR.
	148	930							& TIE MON BP CONC. CYLINDER,
+	26	069							BRASS KNOB, 4 FT. E. & 14 FT. N. OF CURB

WEATHER Clear INST. NO. 96716

TIME 8:30 TO 8:40 ROD NO. 9819

NOTES CHKD [illegible] DATE 7 '66

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY PREIER NOTES SIEMANK (9-13-66)

INDEXED C. J. GALLI DATE

F.B. 3[illegible] PG. 206

76P526 CE # 308 3-65

2-90

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM L.B. 4 TO L.B. 665
L.B. 4							B.M. L.B. 4
1	176280	4775	202 150 52	150300	451 5	177 123 54	3rd ST. & ALAMITOS AVE, N.E. COR.
							P.C.C. CYLINDER, BRASS KNOB 18.8 FT. E.
2	147951	4485	156 128 28	176231	4775	195 157 38	& 6.6 FT. N. OF CURBS
			90 ✓			92 ✓	
B.M. L.B. 665						70	B.M. L.B. 665
	324231 ✓			326531 ✓		182	ALAMITOS AVE & BROADWAY, N.W. COR.,
				324231 ✓			P.C.C. CYLINDER, BRASS KNOB, 2.5 FT. W. &
				2300 ✓			8.8 FT. N. OF CURBS

JOB NO. ~~0801.02~~ 088243 SURVEY OF ~~L.A. CO.~~ LONG BEACH PRECISE LEVEL NET

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

NOTES BY SIEMANN DATE 9-12-66 TIME 2:10 TO 2:15 ROD NO. 9017

INDEXED C. J. GALLI DATE NOTES CHKD. [signature] DATE SEP 27 '66

F.B. 3761 Pg. 207

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER SUNNY INST. NO.
TIME 8:20 TO 5:30 ROD NO. 9 & 19
NOTES CHKD. DATE JUL 27 '66

F.B. 3761 PG. 208 JOB NO. 0882.43
SURVEY OF Long Beach Precise Level Net
SURVEY BY PRELER NOTES SIEMANN (9-12-66)
C. J. GALLI
INDEXED DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM L.B.665 TO L.B.4
L.B 665													B.M. L.B. 665
1	181	793	482	5	211 151	60	150	731	451	5	180 119	61	ALAMITOS AVE & BROADWAY, N.W. COR.
													CONC. CYLINDER, BRASS KNOB, 2.5 FT. W
2	159	680	460	5	173 145	28	188	512	489	5	203 173	30	& 8.8 FT. N. OF CURB LINES
						88						91	
B.M. L.B. 4												88	B.M. L.B. 4
	341	473					339	243				179	ALAMITOS AVE. & 3rd ST. N.E. COR.
	339	243											CONC. CYLINDER, BRASS KNOB, 18.8 FT. E.
	2	230											& 6.6 FT. N. OF CURB LINES

76P526 CE # 308 3-65

2-100

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 L.B. 665 TO L.B. 757
L.B. 665			152				151		B.M. L.B. 665
1	177 928	478 5	202	50	176 149	477 5	201	50	ALAMITOS AVE. & BROADWAY, N.W. COR.
			145				145		P.C.C. CYLINDER, BRASS KNOB, 2.5 FT. W. &
2	170 020	471 5	195	50	171 425	472 5	197	52	8.8 FT. N. OF CURBS
				100				102	
L.B. 757								100	B.M. L.B. 757
	347 948				347 574			202	ALAMITOS AVE. & 1ST ST., N.E. COR.
	347 574								BOLT IN S. END OF C.B., 2.5 FT. N. OF B.C.R.
+	0.374								

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

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

NOTES BY SIEMANN DATE 9-12-66 TIME 2:20 TO 2:30 ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD [signature] DATE SEP 27 '66

F.B. 3761 PG. 209

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 9818 DATE SEP 27 '66

WEATHER Hot TIME 3:10 - 4:20 NOTES CHKD

F.B. 3761 PG. 210 JOB NO. 0682.43

SURVEY OF Long Beach Precise Level Net

SURVEY BY G.E.D. NOTES D.L.W. (9-12-66)

INDEXED C. J. GALL DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM L.B. 757 TO L.B. 665
L.B. 757					149						128		BM ~~74~~ L.B 757
1	178	822	479	5	207	59	157	490	458	5	186	58	ALAMITOS AVE & 1ST N.E.Cor.
					145						167		BOLT IN S. END OF C.B. 2.5FT
2	167	463	468	5	189	44	189	140	490	5	211	44	N. OF N. END OF CURB RETURN
						103						102	
L.B. 665												103	BM L.B. 665
	346	285	✓				346	630	✓			205	ALAMITOS & BROADWAY N.W. Cor.
	~~346~~						346	285	✓				P.C.C. CYLINDER, BRASS KNOB 2.5 FT. W.
						—	0	345	✓				& 8.8 FT. N. OF CURB LINES

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. ~~0301.02~~ 0872.43 SURVEY OF L.A. CO. PRECISE LEVEL NET LONG BEACH

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 9-12-66 WEATHER CLEAR WARM INST. NO. 86716

INDEXED S.J. GALLI DATE TIME 2:30 TO 2:35 ROD NO. 9812

NOTES CHKD. DATE SEP 27 '66

F.B. 3761 Pg. 211

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM L.B. 757 TO L.B. 3
L.B. 757									B.M. L.B. 757
1	155	724	456	5	214	513	515	5	1st ST. & ALAMITOS AVE. N.E. COR.
				187 123				246 181	BOLT IN S. END OF CATCH BASIN
				64				65	2.5 FT. N. OF N. END OF CURB RET.
L.B. 3									B.M. L.B. 3
	155	724			214	513			OCEAN BLVD. & ALAMITOS AVE., N.E. COR.
					155	724			L.B.B.M. 16.9 FT. E. & 9.5 FT. N. OF
					58	78			CURBS
						9			
									A SIEMENN

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 L.B. 3 TO L.B. 757
L.B. 3									B.M. L.B. 3
									OCEAN BLVD. & ALAMITOS AVE., N.E. COR.
1	215	323	516 5	248 / 182 66	156	609	457 5	188 / 124 64	L.B. B.M. 16.9 FT. E. & 9.5 FT. N. OF CURBS
L.B. 757								66 / 130	B.M. L.B. 757
	215	323			156	609			1 ST. ST. & ALAMITOS AVE., N.E. COR.
	156	609							BOLT IN S. END OF CATCH BASIN
	+ 58	714							2.5 FT. N. OF N. END CURB RETURN

F.B. 3761 PG. 212

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-12-66

INDEXED C. J. GALLI DATE

WEATHER CLEAR WARM INST. NO. 96716

TIME 3:05 TO 3:09 ROD NO. 9819

NOTES CHKD [illegible] DATE SEP 27 '66

76P526 CE # 308 3-65

2-80

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 L.B. 3 TO L.B. 774
L.B. 3				190				151	B.M. L.B. 3
1	209	569	510 5	229 39	174	841	475 5	197 46	OCEAN BLVD. & ALAMITOS AVE. N.E. COR.
				181				122	L.B.B.M. 16.9 FT. E. & 9.5 FT. N. OF CURBS
2	201	468	502 5	221 40	140	361	441 5	158 36	
				79				82	
L.B. 774								79	B.M. L.B. 774
	411	037			315	202		161	OCEAN BLVD. & BONITA AVE, N.W. COR.
	315	202							BOLT IN S.E. COR. OF BASE OF LAMP POST
+	95	835							#211, 12.3 FT. W. OF CURB LINE

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

SURVEY BY G.E. DREIER

NOTES BY WICKS DATE 9-12-66

INDEXED C. J. GALLI DATE

WEATHER HOT

TIME 2:45-2:55

NOTES CHKD [illegible] DATE 9-27-66

INST. NO. 96716

ROD NO. 9819

F.B. 3761 PG. 213

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

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

Do not extend notes this side of this line.

INST. NO. 96716
ROD NO. 9619
DATE SEP 27 '68

WEATHER Hot
TIME 2:55 - 3:25
NOTES CHKD

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM L.B.774 TO L.B.3
L.B. 774					113						162		BM L.B. 774
1	134	360	435	5	155	42	183	367	484	5	204	42	OCEAN AVE & BONITA AVE N.W. COR
					139						187		BOLT IN S.E. COR. OF BASE OF CAMPE POST
2	159	350	460	5	178	39	206	200	507	5	225	38	#211, 12.3 FT. W. OF W. CURB LINE
						81 ✓						80	
												81	
L.B. 3													BM L.B. 3
	293	710 ✓					389	567 ✓				161	OCEAN & ALAMITOS N.E. COR.
							293	710 ✓					L.B.B.M. 169 E. 8.95 FT. N. OF CURB
							95	857 ✓					

B. 3761 Pg. 214
JOB NO. 0882.45
SURVEY OF Long Beach Precise Level Net
SURVEY BY G.E.D. NOTES D.L.W. (9-12-66)
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	Right	Mic.	Left.	Stadia	Right	Mic.	Left.	Stadia	From _____ To _____

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

JRVEY BY_____ WEATHER_____ INST. NO._____

OTES BY_____ DATE_____ TIME_____ ROD NO._____

NDEXED_____ DATE_____ NOTES CHKD_____ DATE_____

F.B. Pg.

F.B. Pg.

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME

NOTES CHKD