Notes Ck'd by

Survey of LONG BEACH PRECISE LEVEL NET F. B. 3760 PG. 5

JN 0882.43 Tape Std °F

Surveyed by DREIER & BOWERS

Notes DREIER Date 8 & 9, 1966

Indexed C. J. GALLI SEP 21 '66

LONG BEACH PRECISE LEVEL NET

JOB No. 0882.43

CONTINUED IN F.B. 3761

REFERENCES

L.A. Co. PRECISE LEVEL NET LINES No. 30 & 5

[illegible]TY

[illegible] OF LONG BEACH

[illegible] BEACH HARBOR DEPT.

DREIER
WILKS
SIEMANN
WORKMAN
McKNIGHT

BOWERS
ANDERSON, R.D.
DONLEVY
CHERRY
WACKER

Not microfilmed

Note: Any Additions or Changes on This [illegible] Circled in Red [illegible] Name of Person

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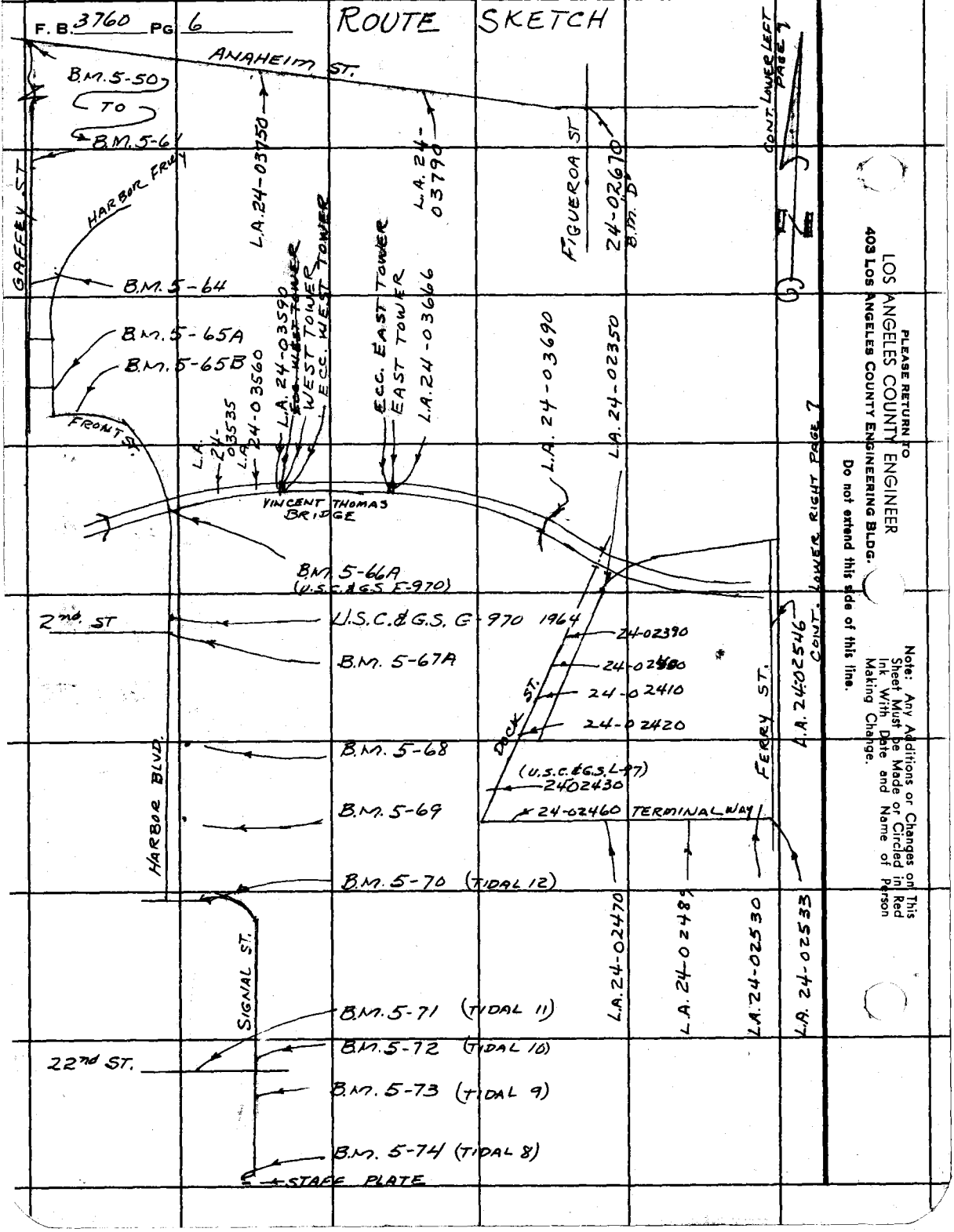
403 Los Angeles County [illegible]

[illegible] # 310 3-61

F. B. 3760 PG 6

ROUTE SKETCH



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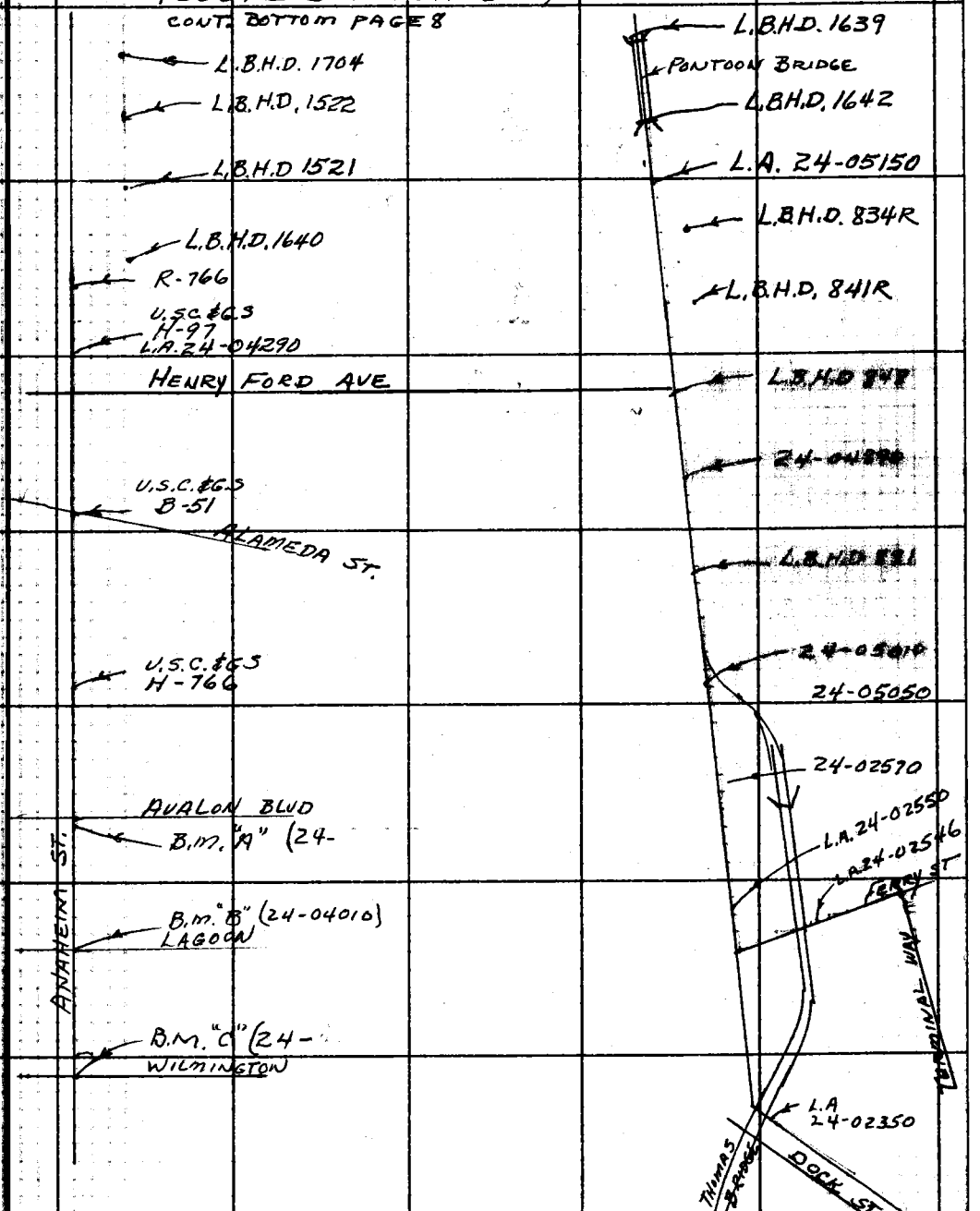
Notes Ck'd by	Survey of LONG BEACH PRECISE LEVELS	F. B. 3760 PG. 7
Map No.	JN 0882.43 Tape Std °F	
Office Work	Surveyed by DREIER - BOWERS	
Checked	Notes DREIER Date 8 & 9, 1966	
Date	Indexed C. J. GALLI	

ROUTE SKETCH (CONT.)

CONT. BOTTOM PAGE 8



CONT. UPPER RIGHT PAGE 6

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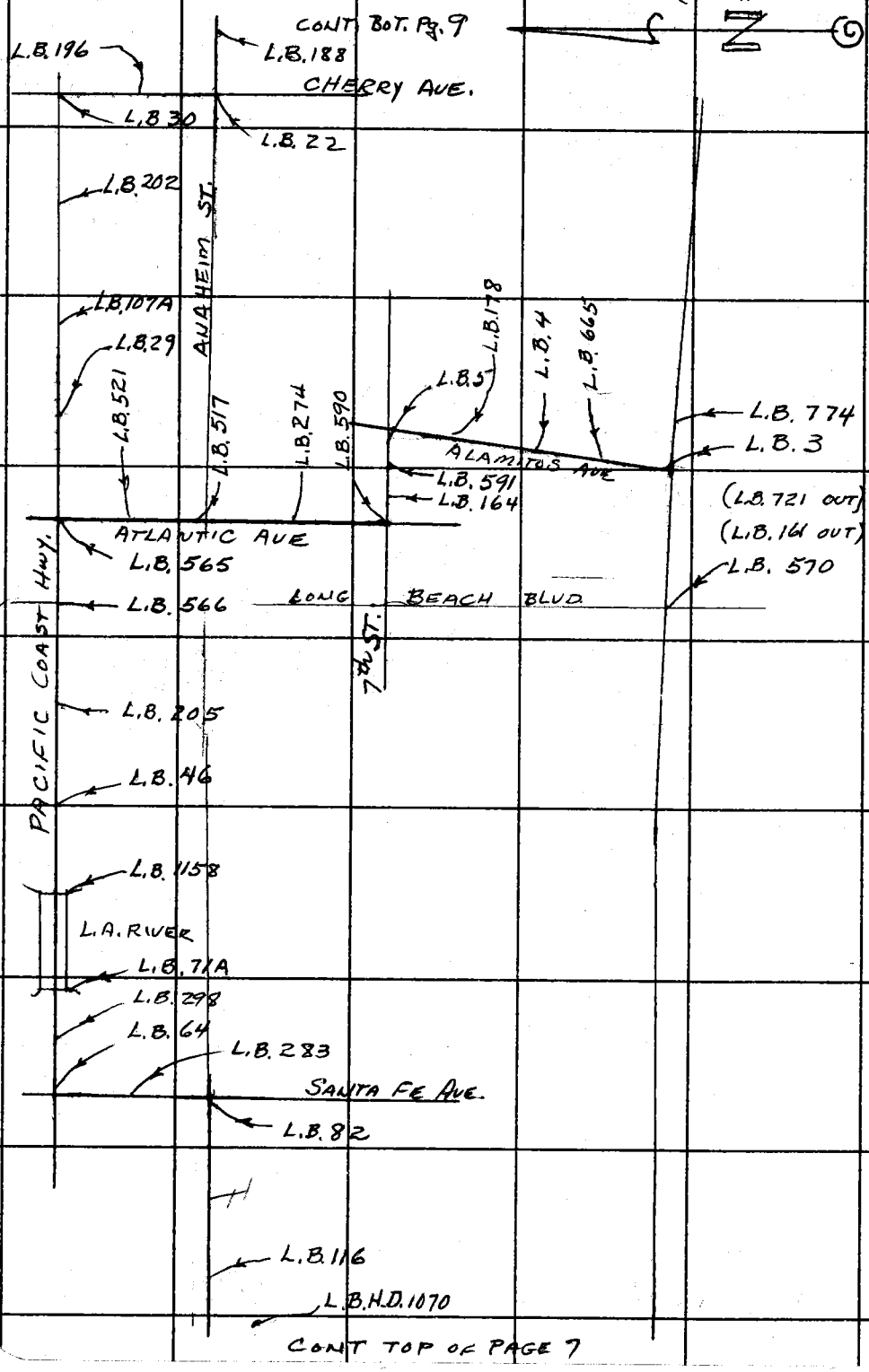
F. B. 3760 PG 8

ROUTE SKETCH (CONT.)



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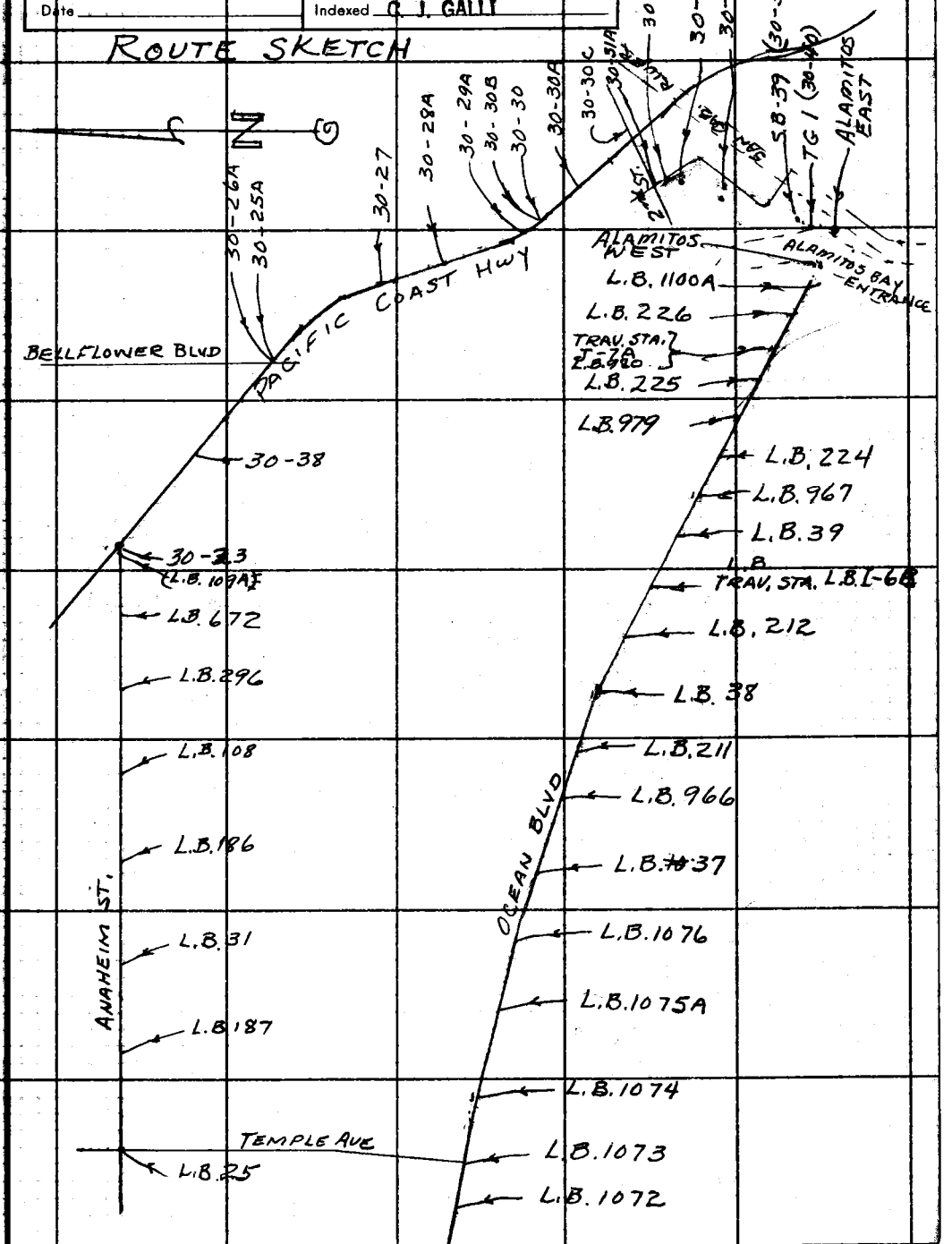
Office Work
Checked
Date

Survey of LONG BEACH PRECISE LEVEL F. B. 3760 PG. 9
JN 0882-43 Tape Std °F
Surveyed by Dreier & Bowers
Notes DREIER Date 8-9, 1964
Indexed C. J. GALLI

ROUTE SKETCH



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F. B. 3760 PG. 10

76P526 CE # 308 3-61

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 5-74 TO STAFF PLATE
B.M. 5-74									B.M. 5-74 (TIDAL 8)
1	132	877	433 5	½ 132 ½ 129 6	301	936	602 5	½ 301 ½ 298 6 6	S'LY END OF PIER BERTH 60 SEE F.B. 3701-167
	132	877			301	936		12	
STAFF PLATE					132	877			STAFF PLATE, 1¾" x 3½" BRASS PLATE AT TOP OF STAFF SLOT ON S'LY END OF PIER
					169	059			

0882.43 LONG BEACH LEVEL LINES

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 8-17-66

INDEXED DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 9:40 TO 9:43 ROD NO. 9819

NOTES CHKD C.J. GAITI DATE SEP 21 66 SEP 23 '66

F.B. 3760 PG. 11

F.B. 3760 PG. 12

JOB NO. ~~0301.02~~ 0882.43

SURVEY OF ~~L.A. Co. PRECISE LEVEL NET~~ LONG BEACH LEVEL LINES WEATHER HAZY SUN INST. NO. 96716

SURVEY BY DREIER NOTES DREIER 8-17-66 TIME 9:43 TO 9:46 ROD NO. 9&19

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

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
STAFF PLATE									FROM STAFF PLATE TO B.M. 5-74
1	296	523	597 5	299 293 6	127	484	428 5	130 124 6	STAFF PLATE, 1¾" x 3½" BRASS PLATE AT TOP OF STAFF SLOT AT S'LY END OF PIER
B.M. 5-74	296	523			127	484		6 12	B.M. 5-74 (TIDAL 8) S'LY END OF PIER BERTH 60 SEE F.B. 3701-167
	127	484							
+	169	039							

76P526 CE # 308 3-61

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM STAFF PLATE TO BM 5-73
STAFF PLATE 1	297	388	598 5	1/2 297 288 18	156	867	457 5	165 148 17	B.M. STAFF PLATE 1¾' x 3½ BRASS PLATE AT TOP OF STAFF SLOT AT S'LY END OF PIER
2	81	175	382 5	90 72 18 36	187	224	488 5	196 178 18 35	
3	186	202	487 5	225 147 78 114	158	040	459 5	197 119 78 113	
4	152	648	453 5	192 112 80 194	156	656	457 5	196 116 80 193	
5	157	005	458 5	193 121 72 266	152	638	453 5	188 116 72 265	⊼ WILKS
6	148	672	449 5	178 119 59 325	147	063	448 5	178 116 62 327	
7	159	200	460 5	189 129 60 385	151	372	452 5	180 122 58 385	
8	127	574	428 5	143 111 32	38	820	339 5	53 23 30	
B.M. 5-73	1309	864		417	1148	680		415	B.M. 5-73 (U.S.C. & G.S. TIDAL 9)
	− 1148	680						417	SIGNAL ST. & 22nd PLACE
	+ 161	184						832	

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

SURVEY BY G.E. DREIER

NOTES BY A. WORKMAN DATE 8-17-66

INDEXED C. J. GALLI DATE

WEATHER WARM INST. NO. 96716

TIME 9:55 10:30 ROD NO. 9 & 19

NOTES CHKD. [illegible] DATE 8-17-66

F.B. 3760 PG. 13

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F.B. 3760 PG. 14 | JOB NO. 0882.43 | SURVEY OF LONG BEACH LEVEL LINE | SURVEY BY G.E.O. NOTES A. WORKMAN 8-18-66 | INDEXED C. J. GALLI DATE | WEATHER WARM INST. NO. 9676 | TIME 2:05 2:50 ROD NO. 9819 | NOTES CHKD [illegible] DATE SEP 23 '66

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 5-73 TO STAFF PLATE
BM 5-73					4			155	BM 5-73 (U.S.C. & G.S TIDAL 9)
1	50	684	351 S	65 35 30	139	427	440 S	124 31	SIGNAL ST. & 22ND PLACE.
2	135	880	436 S	167 103 64 94	154	892	455 S	185 123 62	
3	141	067	442 S	174 108 66 160	133	669	434 S	165 100 65 158	T WILKS
4	131	610	432 S	164 98 66 226	140	413	441 S	174 106 68	
5	159	093	460 S	195 123 72 298	149	775	450 S	185 113 72	
6	148	324	~~459~~ 495	180 117 63 361	150	761	451 S	182 118 64	
7	162	913	463 S	184 141 43 404	64	130	365 S	85 43 42	
8	138	837	439 S	144 132 12 416	296 ✓	454	597 S	301 290 11 415 ✓	
~~BM~~								416 ✓	
~~STA~~									
STAFF PLATE					0			831 ✓	STAFF PLATE
	1068 408 ✓				1228 521 ✓				1¾ X 3½ BRASS PLATE AT
					- 1068 408 ✓				TOP OF STAFF SLOT
					- 159 113 ✓				AT S'LY END OF PIER.

76P526 CE # 308 3-65

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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)
1	40	103	341 5	63 18 45	93	483	394 5	117 69 48	SIGNAL ST & 22nd ST., S.W. COR ON DOCK SEE F.B. 3701-165
B.M. 5-72								45	B.M. 5-72 (TIDAL 10)
	40	103			93	483		93	SIGNAL ST. N. OF 22nd. ST.
					40	103			SEE F.B. 3701-163
					53	380			

π WILKS

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

SURVEY BY G.E. DREIER

NOTES BY WORKMAN DATE 8-17-66

INDEXED C. J. GALLI DATE

WEATHER WARM INST. NO 96716

TIME 10:30 10:35 ROD NO 9819

NOTES CHKD [illegible] DATE [illegible]

F.B. 3760 PG. 15

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INST. NO. 26716 ROD NO. 5819 DATE SEP 23 '66

WEATHER WARM TIME 2:02 2:05 NOTES CHKD

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES R.WORKMAN 8-18-66

INDEXED C.J. GALLI DATE

JOB NO. 0882.43

F.B. 3760 PG. 16

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 5-72 TO B.M. 5-73
B.M. 5-72	~~96~~	~~927~~	~~397~~	5	~~119~~ 73	46							B.M. 5-72 (TIDAL 10)
													SIGNAL ST N. OF 22ND ST.
1	96	927	397	5	119 73	46 ✓	43	555	344	5	66 20	46	SEE F.B. 3701-163
												46 ✓	
B.M. 5-73													B.M. 5-73 (TIDAL 9)
	96	927 ✓					43	555 ✓				92	SIGNAL ST @ 22ND ST. S.W. COR.
→	43	555 ✓											SEE F.B. 3701-165
+	53	372 ✓											

T WILKS

76P526 CE # 308 3-65

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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. 5-72													B.M. 5-72 (TIDAL 10)
1	127	773	428	5	166 88	78	135	336	436	5	174 96	78	SIGNAL ST. N. OF 22nd. ST.
													SEE F.B. 3701-163
2	125	094	426	5	147 103	44	50	154	351	5	72 28	44	
B.M. 5-71	~~125~~												B.M. 5-71 (TIDAL 11)
+	252	867 ✓				122	185	490 ✓				122	22nd. ST. W. OF SIGNAL ST.
−	185	490 ✓										122	SEE F.B. 3701-161
+	67	377 ✓										244	

π WILKS

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

SURVEY BY G.E. DREIER

NOTES BY A. WORKMAN DATE 8-17-66

INDEXED C. J. GALLI DATE

WEATHER WARM INST. NO. 96716

TIME 10:37 10:48 ROD NO. 9819

NOTES CHKD [illegible] DATE SEP 23 '66

F.B. 3760 PG. 17

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F.B. 3760 Pg. 18 JOB NO. 0882.43
SURVEY OF Long Beach Precise Level Net
SURVEY BY G.E.D. NOTES A. Workman 8-18-66
INDEXED C.T. Gall DATE
WEATHER Warm INST. NO. 96716
TIME 1:02 ROD NO. 9819
NOTES CHKD [illegible] DATE SEP 23 '68

FROM BM 5-71 TO BM 5-72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 5-71				84				180	BM 5-71 (TIDAL 11)
1	56	390	357 5	28 56	152	417	453 5	124 56	22nd ST. W. OF SIGNAL ST
									SEE F.B. 3701-161
2	159	545	460 5	192 127 65	130	940	431 5	163 97 66	
				121				122	
								121	
BM 5-72									BM 5-72 (TIDAL 10)
	215935				283357			243	SIGNAL ST. N. OF 22ND ST.
					215935				SEE FB 3701-163
					67422				

T WILKS

76P526 CE # 308 3-65

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — LONG BEACH
SURVEY BY G.E. DEEER — WEATHER WARM — INST. NO. 2716
NOTES BY A. WORKMAN — DATE 8-17-66 — TIME 10:50 TO 11:10 — ROD NO. 2 & 12
INDEXED — DATE — NOTES CHKD. — DATE SEP 23 '66
F.B. 3760 Pg. 19

STATION	BACKSIGHT RIGHT	MIC.	LEFT	MIC.	STADIA	FORESIGHT RIGHT	MIC.	LEFT	MIC.	STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 5-71 TO B.M. 5-70
B.M. 5-71											B.M. 5-71 (TIDAL 11)
1	58	226	359	5	79 / 37 / 42	144	700	445	5	165 / 123 / 42	22nd ST. W. of SIGNAL ST
											SEE F.B. 3701-161
2	151	314	452	5	174 / 128 / 46 / 88	145	196	446	5	168 / 122 / 46 / 88	
3	141	875	442	5	174 / 109 / 65 / 153	138	630	439	5	170 / 106 / 64 / 152	
4	176	380	477	5	201 / 152 / 49 / 202	137	248	438	5	166 / 149 / 48 / 200 ✓	T WILKS
										202	
BM — 5-70											B.M. 5-70 (TIDAL 12)
	527	795	✓		~~202~~	~~865 774~~ ✓				~~200~~	SIGNAL ST & SAMPSON WAY
						527 795 ✓				202	SEE F.B. 3701-159
					—	037 979 ✓					

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INST. NO. 26716 ROD NO. 9819 DATE DEC 23 '66

WEATHER WARM TIME 1:30 PM NOTES CHKD [illegible]

F.B. 3760 PG. 20

SURVEY OF LONG BEACH PRECISE LEVEL LINES

SURVEY BY DREIER NOTES A. WORKMAN 8-18-66

INDEXED C. J. GALLI DATE

JOB NO. 0882.43

STATION	BACKSIGHT				STADIA		FORESIGHT				STADIA		DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.				RIGHT	MIC.	LEFT.				FROM B.M. 5-70 TO B.M. 5-71
B.M. 5-70					151						180		B.M. 5-70 (TIDAL 12)
1	131	305	432	5	111	40	160	877	461	5	140	40	SIGNAL ST. & SAMPSON WAY
					164						177		SEE F.B. 3701-159
2	130	588	431	5	96	68	148	090	444	5	109	68	
					160	108					165	108	
3	137	441	438	5	114	46	142	068	443	5	119	46	
					164	154					79	154	
4	141	426	442	5	118	46	56	678	351	5	34	45	T WILKS
						200						199 ✓	
												200 ✓	
BM 5-71													BM 5-71 22ND ST. W.
	540	760 ✓					502	715 ✓				899	OF SIGNAL ST.
	502	713 ✓											SEE F.B. 3701-161
	+38	047 ✓											

76P526 CE # 308 3-65

3-166

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM. 5-70 TO BM. 5-69
B.M. 5-70					90						165		B.M. 5-70 (TIDAL 12)
1	116	337	417	5	142	52	191	897	492	5	217	52	SIGNAL ST. & SAMPSON WAY
					122						99		SEE F.B. 3701-159
2	152	705	453	5	182	60	129	702	430	5	160	61	
					105	112					½ 95	113	WORKMAN
3	132	460	433	5	160	55	95	313	396	5	122	54	
						167						167	
BM 5-69												167	BM 5-69 (TIDAL 49)
	401	502					416	912				334	W. SIDE OF R.R. TRACKS ON WALL
							401	502					SEE F.B. 3701-157
							15	410					

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

SURVEY BY G. E. DREIER

NOTES BY ~~G.~~ C. J. WILKS DATE 8-18-66

INDEXED C. J. GALLI DATE

WEATHER WARM

TIME 11:10 - 11:30

NOTES CHKD [illegible] DATE SEP 23 '66

INST. NO. 96716

ROD NO. 9 & 19

F.B. 3760 PG. 21

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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. 5-69 TO B.M. 5-70
B.M. 5-69									B.M. 5-69 (TIDAL 49)
				72				138	W. SIDE OF R.R. TRACKS ON WALL
1	99	692	400 5	126 54	166	658	467 5	194 56	SEE F.B. 3701-157
				114				74	
2	152	212	453 5	190 76	112	077	413 5	150 76	
				130				132	WORKMAN
				181				141	
3	200	045	501 5	219 38	157	359	458 5	174 33	
				168				165	
								168	
BM 5-70									BM 5-70 (TIDAL 12)
	451	949			436	094		333	SIGNAL ST & SAMPSON WAY
	436	094							SEE F.B. 3701-159
+	15	855	N.G.						
				RERUN	8-19-66				
BM 5-69									BM 5-69
				70				126	
1	97	476	398 5	124 54	156	091	457 5	186 60	
				116				116	
2	147	068	448 5	178 62	144	687	445 5	172 56	
				116				116	
				147	99	523		75	
3	171	310	472 5	195 48	~~147~~	~~19~~	400 5	123 48	
				164				164	
BM 5-70								164	BM 5-70
	415	854			400	301		328	
	400	301							
+	15	553							

WEATHER HUMID INST. NO. 96716

TIME 11:50 ROD NO. 9819

NOTES CHKD [illegible] DATE SEP 23 '66

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES WILKS (8-18-66)

INDEXED C. J. GALLI DATE

F.B. 3760 PG. 22

76P526 CE # 308 3-65

4-176

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0 882.43 Long Beach
JOB NO. 0301-02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER Warm INST. NO. 26216
NOTES BY Wilkes DATE 8-18-66 TIME 11:30 - 4:50 ROD NO. 2612
INDEXED C.J. GALLI DATE NOTES CHKD DATE
F.B. 3760 Pg. 23

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				½ 90					122		B.M. 5-69 (TIDAL 49)
1	90	413	391 5	128	76	160	379	461 5	198	76	W. SIDE OF R.R. TRACKS ON WALL
				106					112		SEE F.B. 3701-157
2	137	795	438 5	168	62	144	908	445 5	176	64	
				133	138				26	140	WORKMAN
3	150	448	451 5	167	34	43	712	344 5	60	34	✓
					172					174	✓
BM 5-68			✓							172	BM 5-68 (TIDAL 36)
	378 656		✓			348 999		✓		346	W. SIDE OF R.R. TRACKS TOP OF N. END OF WING
	348 999		✓								SEE F.B. 3701-155
+	29 657		✓								
			NG								
						RERUN		8-18-66			
BM 5-69				½ 79					122		BM 5-69
1	79	831	380 5	108	58	151	990	452 5	180	58	
				125					126		
2	157	822	458 5	189	64	159	585	460 5	192	66	
				123	122				19	124	
3	148	259	449 5	173	50	44	014	345 5	69	50	✓
					172					174	
BM 5-68			✓							172	✓ BM 5-68
	385 912		✓			355 589		✓		346	
	355 589		✓								
+	30 323		✓								

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Do not extend notes this side of this line.

F.B. 3760 Pg. 24 JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Net

SURVEY BY Dreier NOTES Wilks (8-18-66)

INDEXED C. J. Galli DATE

WEATHER Humid INST. NO. 2676

TIME 11:30 - 11:50 ROD NO. 2619

NOTES CHKD. [illegible] DATE SEP 23 '66

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 5-68 TO B.M. 5-69
B.M. 5-68					14						121		B.M. 5-68 (TIDAL 36)
1	41	682	342	5	68	54	149	952	450	5	176	55	W. SIDE OF TRACKS, TOP OF N. END WALL OF
					123						113		SEE F.B. 3701-155
2	155	748	456	5	187	64	145	862	446	5	177	64	
					122	118					½ 80	119	WORKMAN
3	148	199	449	5	174	52	80	049	381	5	108	56	
						170						175	✓
BM 5-69												170	✓BM 5-69 (TIDAL 49)
	345	629	✓				375	863	✓			345	W. SIDE OF R.R. TRACKS ON WALL
							345	629	✓				SEE F.B. 3701-157
						–	30	234	✓				

76P526 CE # 308 3-65

7-385

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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. 5-68 TO B.M. 5-67A
B.M. 5-68									B.M. 5-68 (TIDAL 36)
1	47	572	348 5	47 / 73 52	147	633	448 5	121 / 173 52	W. SIDE OF R.R. TRACKS, TOP OF N. END OF WALL
									SEE F.B. 3701-155
2	166	533	467 5	136 / 195 59	120	742	421 5	91 / 149 58	
				111				110	
3	180	272	481 5	153 / 207 54	125	041	426 5	96 / 153 57	
				165				167	
4	206	133	507 5	178 / 234 56	141	907	442 5	113 / 169 56	⊼ WORKMAN
				221				223	
5	166	588	467 5	136 / 196 60	136	769	437 5	108 / 163 55	
				281				278	
6	174	796	475 5	148 / 199 51	135	482	436 5	108 / 162 54	
				332				332	
7	187	263	488 5	157 / 217 60	165	560	466 5	135 / 195 60	
				392				392	
~~8~~									
BM 5-67A								392	BM 5-67A
	1129	157			973	134		784	HARBOR BLVD. & 2nd. ST.
	973	134							SEE F.B. 3701-153
+	156	023	N.G.						

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

SURVEY BY DREIER WEATHER WARM INST. NO. 96716

NOTES BY WILKS DATE 8-17-66 TIME 1:00 TO 1:45 ROD NO. 9818

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

F.B. 3760 PG. 25

F.B. 3760 Pg. 26 JOB NO. 0882.43
SURVEY OF Long Beach Precise Level Net
SURVEY BY Dreier NOTES Wilkes (8-18-64)
INDEXED C.J. Gall DATE
WEATHER Warm INST. NO. 96716
TIME 10:56 - 11:30 ROD NO. 2611
NOTES CHKD KLF DATE SEP 23 '68

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM B.M. 5-67A TO B.M. 5-68
BM 5-67A	22		136				146		B.M. 5-67A
1	167 339	468 5	198	62	178 881	479 5	210	64	HARBOR BLVD. & 2nd. ST.
			98				126		SEE F.B. 3701-153
2	130 129	431 5	162	64	157 446	458 5	188	62	
			78	126			145	126	
3	113 565	414 5	148	70	180 524	481 5	215	70	
			79	196			156	196	
4	109 490	410 5	139	60	185 929	486 5	215	59	
			87	256			163	255	
5	121 919	422 5	155	68	196 080	497 5	229	66	
			122	324			½ 56	321	
6	156 318	457 5	190	68	56 392 ✓	357 5	92	72	
				392				393 ✓	
BM 5-68								392 ✓	BM 5-68 (TIDAL 36)
	798 760 ✓				955 252 ✓			785	W. SIDE R.R. TRACKS, TOP OF N. END OF WALL
					798 760 ✓				SEE F.B. 3701-155
					156 492 ✓				

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — LONG BEACH — 0882.45

SURVEY BY G.E. DREIER — DATE 8-19-66 — WEATHER WARM — INST. NO. 26716

NOTES BY C.J. GALLI — TIME 8:55 - 9:30 — ROD NO. 9817

INDEXED — DATE — NOTES CHKD [illegible] — DATE SEP 23 '66

F.B. 3760 PG. 27

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 5-68 TO B.M. 5-67A
B.M. 5-68				26				133	B.M. 5-68 (TIDAL 36)
1	54	432	355 S	82 56	166	931	467 S	199 66	W. SIDE OF R.R. TRACKS, TOP N. END OF WALL
				168				112	SEE F.B. 3701-155
2	196	839	497 S	224 56	139	642	440 S	165 53	
				162 182				71 119	
3	193	062	494 S	224 62	99	405	400 S	127 56	
				188 174				160 175	
4	210	390	511 S	232 44	181	881	482 S	203 43	
				129 218				88 218	
5	164	032	465 S	200 71	123	182	424 S	158 70	
				148 289				104 288	
6	175	059	476 S	202 54	132	358	433 S	159 55	
				343				144 343	
7	175	102	476 S	150 50	169	261	470 S	194 50 ✓	
				200 393 ✓				393 ✓	
B.M. 5-67A								393	B.M. 5-67A
	1168	916 ✓			1012	660 ✓		784	HARBOR BLVD. & 2nd ST.
	1012	660 ✓							SEE F.B. 3701-153
+	156	256 ✓							

F.B. 3760 Pg. 28 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET WEATHER INST. NO. 96716

SURVEY BY DREIER NOTES TIME ROD NO. 9 & 19

INDEXED DATE NOTES CHKD DATE

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

76P526 CE # 308 3-61

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 5-67A TO BM 5-66A
BM 5-67A									BM 5-67A
1	206	900 ~~460~~	507 5	236 61 / 175 ~~68~~	135	750	436 5	166 / 105 61	HARBOR BLVD. & SECOND ST. SEE F.B. 3701-153
U.S.C.&G.S. T.P. G-970									U.S.C.&G.S. G-970 1964 HARBOR BLVD. & 1 ST ST. N.E. COR. WILKS
									U.S.C.&G.S DISC IN WALK 25.5 FT N OF N. CURB AND 3.9 FT. E OF E. CURB
2	163	120	464 5	188 / 138 50 / 111	153	191	454 5	178 / 128 50 / 111	
3	133	728	434 5	164 / 102 62 / 173	169	769	470 5	200 / 138 62 / 173	
4	121	063	422 5	154 / 88 66 / 239	154	000	455 5	187 / 121 66 / 239	
5	129	300	430 5	160 / 99 61 / 300	169	818	470 5	199 / 139 60 / 299	
6	135	558	436 5	162 / 108 54 / 354	195	526	496 5	222 / 168 54 / 353	
7	149	090	450 5	180 / 118 62 / 416	198	203	499 5	229 / 167 62 / 415	
8	150	934	451 5	153 / 147 6 / 422	78	116	379 5	81 / 75 6 / 421	
BM 5-66A								422	
	1189	693			1254	373		843	BM. 5-66A (U.S.C.&G.S. F-970) HARBOR BLVD. & THOMAS BRIDGE SEE F.B. 3701-151
					1189	693			
					64	680			

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

SURVEY BY G. E. DREIER

NOTES BY WORKMAN DATE 8-17-66

INDEXED C. J. GALLI DATE

WEATHER WARM INST. NO. 96711

TIME 1:45 2:30 ROD NO. 9619

NOTES CHKD [illegible] DATE SEP 23 '68

F.B. 3760 PG. 29

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INST. NO. 9716 ROD NO. 9819 DATE SEP 23 '68
WEATHER WARM TIME 10:21 10:55 NOTES CHKD [illegible]
SURVEY OF LONG BEACH LEVEL NET
SURVEY BY G.E.O. NOTES A. WOCKMAN 8-18-66
INDEXED C.J. GALLI DATE
JOB NO. 08243
F.B. 3760 Pg. 30

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM B.M 5-66A TO B.M. 5-67A
BM 5-66A									B.M. 5-66A (U.S.C. & G.S. F-970)
1	114	390	415 S	135 93 42	132	576	433 S	153 110 43	HARBOR BLVD & THOMAS BRIDGE
									SEE F.B. 3701-151
2	172	250	473 S	211 133 78	150	990	451 S	189 111 78	
				120				121	
3	199	182	500 S	227 171 56	148	435	449 S	176 120 56	
				176				177	↑ WILCS
4	160	055	461 S	195 126 69	84	627	385 S	118 50 68	
				245				245	
5	146	110	447 S	183 109 74	143	340	444 S	181 105 76	
				319				321	
6	171	031	472 S	196 147 49	167	286	468 S	191 143 48	
T.P. U.S.C. & G.S. G-970				368				369	U.S.C. & G.S. G-970 1964
7	136	510	437 S	167 106 61	207	735	508 S	238 177 61	
				429	✓			430 ✓	
								429 ✓	
BM 5-67A									BM 5-67A HARBOR & SECOND ST.
	1099528 ✓				1034989 ✓			859	SEE F.B. 3701-153
	- 1034989 ✓								
	+ 64539 ✓								

76P526 CE # 308 3-65

4 - 163

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DEEKE
NOTES BY A. WORKMAN DATE 8-17-66 WEATHER WARM INST. NO. 36716
INDEXED C.J. GALLI DATE NOTES CHKD. DATE ROD NO. 944
0892.43 LONG BEACH LEVEL LINES
F.B. 3760 PG. 31

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 5-66A TO B.M. Z4-03535
BM 5-66A				94				154	B.M. 5-66A (U.S.C.&G.S. F-970)
1	81	532	382 S	78 6	151	530	452 S	148 6	HARBOR BLVD. & THOMAS BRIDGE
				204				222	SEE F.B. 3701-151
2	186	753	487 S	168 36	204	082	505 S	186 36	
				42				42	
3	132	543	433 S	167 97 70	131	305	432 S	166 96 70	
				112				112	
4	163	280	464 S	191 135 56	167	363	468 S	195 140 55	
				168				167	
5	136	435	437 S	166 107 59	133	572	434 S	162 104 58	↑ WILKS
				227				225	
6	154	674	455 S	173 133 40	69	310	370 S	90 48 42	
				267				267	
								267	
BM Z4-03535									BM Z4-03535 (CITY OF L.A. 1965)
	855	217			857	162		534	ON BRIDGE PIER
					855	217			
				-	1	945			

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM.24-03535 TO B.M. 5-66A
B.M. 24-03535									B.M. 24-03535 (CITY L.A. 1965)
+	~~219~~	~~177~~	~~520 5~~	~~249~~ ~~189~~ 60	~~133~~	~~613~~	~~434 5~~	~~164~~ ~~103~~ 61	ON BRIDGE PIER
~~2~~ 1	63 ~~784~~	784 ~~364~~	364 5	87 41 46	151	567	452 5	175 128 47	
~~3~~ 2	148	030	449 5	180 117 63	139	497	440 5	171 107 64	⊼ WILKS
				109				111	
3	191	650	492 5	226 156 70	149	443	450 5	184 114 70	
				179				181	
4	143	930	444 5	150 137 13	104	804	405 5	110 98 12	
				192 ✓				193 ✓	
								192 ✓	
BM 5-66A									BM 5-66A (U.S.C & G.S F-970)
	547	394 ✓			545	311 ✓		385	HARBOR BLVD & THOMAS BRIDGE
	545	311 ✓			~~557~~	~~394~~			SEE F.B 3701-151
+	2	083 ✓			~~87~~	~~917~~			

F.B. 3760 Pg. 32

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES A. WORKMAN 8-18-66

INDEXED C. J. GALLI DATE

WEATHER WARM INST. NO. 96716

TIME 9:45 10:00 10:20 ROD NO. 9819

NOTES CHKD [illegible] DATE SEP 23 '68

76P526 CE # 308 3-65

3-100

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM. 24-03535 TO BM. 24-03560
BM. 24-03535													BM. 24-03535 (CITY L.A. 1965)
1	113	377	414	5	128 / 98	30	182	417	483	5	197 / 167	30	THOMAS BRIDGE PIER
2	144	500	445	5	169 / 119	50 / 80	171	531	472	5	196 / 146	50 / 80	
3	134	480	435	5	143 / 125	18 / 98	188	765	489	5	196 / 180	16 / 96	
													T WILKS
BM 24-03560												98	BM 24-03560 (CITY L.A)
	392	357					542	713				194	(STATE HWY. MON.)
							392	357					
						–	~~149~~ 150	356					

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

SURVEY BY G.E. DREIER

NOTES BY A. WORKMAN DATE 8-17-66

INDEXED L. J. GALLI DATE

WEATHER WARM INST. NO. 96716

TIME 3:01 3:10 ROD NO. [illegible]

NOTES CHKD [illegible] DATE [illegible]

F.B. 3760 PG. 33

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INST. NO. 26716 ROD NO. 2812 DATE SEP 23 '66

WEATHER WARM TIME 9:45 10:20 NOTES CHKD KLT

SURVEY OF LONG BEACH PRECISE LEVEL NET JOB NO 0582.43

SURVEY BY DREER NOTES A. WOCKMAN 8-18-64

INDEXED C. T. GALL DATE

F.B. 3760 Pg. 34

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 24-03560 TO B.M. 24-03535
B.M. 24-03560				249				164	B.M. 24-03560 (CITY L.A.) (STATE HWY MONUM.)
1	219	177	520 S	189 60	133	613	434 S	103 61	
								56	
2	153	750	454 S	173 137 39 99	88	897	389 S	107 71 99 ✓	
								99	
BM 24-03535									BM 24-03535 (CITY L.A. 1965)
	372927 ✓				222510 ✓			196 ✓	THOMAS BRIDGE PIER
	222510 ✓								
=	150417 ✓								
									T WILKS

76P526 CE # 308 3-65

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 24-03560 TO B.M. 24-03589
B.M. 24-03560									B.M. 24-03560 (CITY L.A.) (STATE Hwy [illegible])
1	179	091	480 5	200 158 42	129	078	430 5	150 108 42	
2	106	350	407 5	123 88 35	140	892	441 5	158 123 35	
				77				77	
B.M. 24-03589								77	
	285	441			269	970		154	
	269	970							π WILKS
+	15	471							
									BM 24-03589 W. FACE OF TOWER ABUTMENT

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

SURVEY BY G.E. DREIER WEATHER WARM INST. NO. 96216

NOTES BY A. WORKMAN DATE 8-17-66 TIME 3:11 3:20 ROD NO. 9619

INDEXED Q. J. GALLI DATE NOTES CHKD [illegible] DATE [illegible] 23 '66

F.B. 3760 PG. 35

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM. 24-03589 TO B.M. 24-03560
B.M. 24-03560									B.M. 24-03589
1	141	840	442 5	159 124 35	105	732	406 5	122 87 35	W. FACE OF TOWER ABUTMENT
2	127	955	428 5	149 105 44	179	545	480	200 159 41	
				79				76	
								79	
BM 24-03560									WILKS
	269	795			285	277		155	
					269	795			
					15	482			

WEATHER WARM INST. NO. 96716

TIME 3:20 3:32 ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

F.B. 3760 PG. 36 JOB NO. 0382.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES 8-17-66 WORKMAN

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 24-03589 TO B.M. 24-03590
B.M. 24-03589									B.M. 24-03589 (CITY L.A. VERTICAL)
1	490	960	METRIC TAPE	5	155	080	454 5	158 153 5	W. FACE OF W. TOWER ABUTMENT
B.M. 24-03590								5	B.M. 24-03590 (CITY L.A.) STATE MON.
	490	960			155	080		10	IN TOP OF WEST TOWER ABUTMENT
	155	080							
+	335	880							

4.980

.960

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 DREIER DATE 9-2-66 TIME 1:40 TO 1:50 ROD NO. [illegible]

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

F.B. 3760 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 B.M. 24-03590 TO B.M. 24-03589
B.M. 24-03590									B.M. 24-03590 (CITY L.A.) (STATE Hwy Mon)
1	153	190	4545	156 151 5	489	061	METRIC TAPE	5	TOP OF WEST ABUTEMENT
B.M. 24-03589								5	B.M. 24-03589 CITY L.A. VERTICAL
	153	190	✓		489	061	✓	10	IN W. FACE OF W. TOWER ABUT.
				−	153	190	✓		490.
				+	335	871	✓		1
				−					4.89. .061

F.B. 3760 PG. 38

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-2-66

INDEXED C. J. GALLI DATE

WEATHER CLEAR WINDY

TIME 1:50 TO 1:55

NOTES CHKD. [illegible]

INST. NO. 96716

ROD NO. 9449

DATE SEP 23 '66

JOB NO. ~~0304.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LONG BEACH PRECISE LEVEL NET

F.B. 3760 PG. 39

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

NOTES BY G.E. DREIER DATE 9-2-66 TIME 1:55 TO 1:60 ROD NO. 9819

INDEXED O. J. GALLI DATE NOTES CHKD. [illegible] DATE SEP 23 '66

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 24-03590 TO ECC. W. TOWER
B.M. 24-03590									B.M. 24-03590 (STATE Hwy DISC)
1	154 948		455 5	156 4 / 152 4	154 818		455 5	156 4 / 152 4	TOP CENTER OF W. TOWER ABUTMENT
ECC. W. TOWER	154 948				154 818			4 / 8	B.M. ECC. W. TOWER SET B. SPK IN LEAD ABOUT 20 FT S. OF Hwy DISC.
	154 818								
+	0 130								

76P526 CE # 308 3-65

PLEASE RETURN TO

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

Do not extend notes this side of this line.

F.B. 3760 Pg. 40 | JOB NO. 0882.43 | SURVEY OF Long Beach Precise Level Net | SURVEY BY Dreier NOTES Dreier 9-2-66 | INDEXED C. J. GALLI DATE | WEATHER Clear INST. NO. 2676 | TIME 1:55 TO 2:00 ROD NO. 7 & 9 | NOTES CHKD. Sutton DATE SEP 23 '66 | Windy

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM Ecc. W. Tower TO 24-03590
BM. Ecc. W. Tower											Ecc. W. Tower
											B. Spk in lead about 20 ft. S. of
											Hwy Disc.
1	156	803	457	5	158 154 4	156	929	457	5	158 154 4	
										4	
BM. 24-03590											BM. 24-03590 State Hwy Disc
	156	803	✓			156	929	✓		8	Center of W. abutment
						156	803	✓			
					−		0.126	✓			

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

(1)

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 West Ecc TO BM EAST Ecc
ECC					Top		Level	Bottom	
BM West									BM WEST Ecc.
1	164	375	465 5	166 162 4	42	0	27 6	08 7	Under Vincent Thomas Bridge
2					41	5	26 8	08 3	West side, on top of Conc.
3					41	5	26 8	08 2	base of West Tower, 20' ± So.
4					41	2	26 6	07 8	of Div. of Hwy Brass Cap.
5					40	7	26 8	07 8	a small boat spk. in lead
6					41	2	26 2	07 9	
7					40	8	26 7	07 9	
8					41	1	26 7	07 8	
9					41	5	26 3	07 9	West Targets on
10					41	6	26 7	08 3	Top = 171.000
11					41	2	26 5	08 0	Bot = 156.00
12					41	4	26 9	08 2	
13					41	4	27 4	08 3	
14					41	8	27 2	08 6	
15					41	8	27 2	08 4	
16					42	0	27 1	08 5	
17					41	9	27 4	08 5	
18					41	9	26 9	08 6	
19					41	8	27 1	08 5	
20					41	9	27 7	08 7	
21					41	9	27 2	08 9	
22					42	3	27 4	08 8	
23					42	0	27 2	08 9	
24					41	6	27 4	09 0	
25					42	5	27 2	09 1	
				Σ	1040	5	672 3	209 6	
				Mean	41.620		26.892	08.384	27.000

JOB NO. ~~0301-02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ L.B. PRECISE LEVEL NET
SURVEY BY Bowers
NOTES BY R.C.B. DATE 8/29/66
INDEXED G.J. GALLI DATE
WEATHER Overcast INST. NO. 75234
TIME 10:22 to 10:35 ROD NO. 9-19
NOTES CHKD. [illegible] DATE SEP 2 '66

F.B. 3760 Pg. 41

F.B. 3760 Pg. 42

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

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403 Los Angeles County Engineering Bldg.

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

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

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. ~~SH~~ 25

(1)

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA		FORESIGHT ~~RIGHT MIC.~~ TOP	FORESIGHT ~~LEFT.~~ LEVEL	FORESIGHT ~~STADIA~~ BOTTOM	DESCRIPTION AND REMARKS
								FROM ECC E. TOWER TO ECC. W. TOWER
								B.M. ECC. E. TOWER
1	101 841	402 5	103 99 4	1	43.6	24.7	9.1	P.K. SPK. IN LEAD IN SLY RAISED
				2	43.7	24.2	9.6	PORTION OF CONC. ABUTMENT
				3	43.8	24.7	9.2	
				4	43.6	24.6	10.3	
				5	43.5	24.6	9.9	⊼ WILKS
				6	43.0	24.4	10.0	
				7	43.3	24.0	9.7	EAST TARGET
				8	43.5	24.4	9.6	111 ?
				9	43.4	23.2	9.5	TOP ~~109~~.000
				10	43.3	24.1	9.3	BOTTOM 97.000
				11	42.9	23.7	9.6	
				12	43.1	23.8	9.0	
				13	43.4	24.0	9.3	
				14	43.8	24.2	9.8	
				15	43.3	23.9	9.7	
				16	43.8	23.7	9.7	
				17	42.5	23.9	10.1	
				18	43.1	23.8	9.6	
				19	43.6	24.1	10.2	
				20	43.6	24.2	10.1	
				21	43.2	24.2	9.7	
				22	43.7	23.9	10.1	
				23	42.9	23.8	9.2	
				24	42.6	23.9	9.7	
				25	43.5	24.2	10.2	
			SUM		1083.7 ✓	602.2 ✓	242.2 ✓	
			MEAN		43.348 ✓	24.088 ✓	096.88 ✓	

JOB NO. ~~0301.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LONG BEACH PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY DREIER DATE 8-29-66
INDEXED G. J. GALLI DATE
WEATHER OVERCAST INST. NO. 96716
TIME 10:22 TO 10:35 ROD NO. 9019
NOTES CHKD [signature] DATED 2 [illegible]

F.B. 3760 PG. 43

F.B. 3760 Pg. 44

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	
									From To

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.

2nd. 25

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
Ecc, W. TOWER						TOP	LEVEL	BOTTOM	FROM ECC. WEST TOWER TO ECC. E. TOWER
					1	42 5	30 5	12 0 ~~10 2~~	ECC WEST TOWER ~~(C.L.A 24-03590)~~
29	164	362	465 5	162/166	2	41 9	31 6	12 2	B.SPK IN LEAD SLY END OF
					3	42 1	30 3	11 8	LOW PORTION OF W. TOWER
					4	41 9	30 3	11 5	
					5	41 7	31 0	11 4	
					6	42 1	30 5	11 0	
					7	41 8	30 3	11 2	
					8	42 1	29 9	11 8	
					9	42 0	30 0	12 1	π GEORGE D.
					10	41 7	29 8	12 0	
					11	41 7	29 8	11 3	UMBRELLA BOB S.
					12	41 9	29 9	11 5	
					13	42 1	29 8	11 5	RADIO AL W.
					14	42 0	29 9	11 1	
					15	41 4	29 5	11 3	
					16	42 0	30 0	11 6	WEST TARGET
					17	41 9	30 5	11 7	TOP 171.000
					18	42 0	29 9	11 7	BOTTOM 156.000
					19	41 9	29 4	11 2	
					20	41 8	29 8	11 2	
					21	41 9	29 8	11 1	
					22	42 0	29 8	11 2	
					23	42 0	29 5	11 7	
					24	42 0	29 4	11 7	
					25	41 8	29 3	11 5	
					26	42 0	29 5	11 7	
					27	42 1	29 9	11 4	
					28	42 0	29 6	11 9	

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

SURVEY BY G.E. DREIER

NOTES BY WILKS DATE 8-29-66

INDEXED C.J. GALLI DATE

WEATHER CLEAR

TIME 11:10 – 11:32

NOTES CHKD [signature] DATE SEP 2 '66

INST. NO. 96716

ROD NO. 9819

F.B. 3760 PG. 45

F.B. 5760 Pg. 46

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED C. J. GALLI DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD. [illegible] DATE SEP 2 '66

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM TO
					~~Bottom~~		LEVEL	~~Bottom~~	
					29	42.0	29.8	11.4	
				SUM	1216.3		869.3	734.7	
				MEAN	41.941		29.941	11.541	

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

(2)

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	Top ~~RIGHT MIC.~~	Level ~~LEFT.~~	BOT. ~~STADIA~~	FROM BM East Ecc. TO BM West Ecc.
Ecc								BM East Ecc.
B.M. East								Under Vincent Thomas Bridge
1			8		43.7	23.2	08.3	East side, on top of Conc
2					43.3	22.7	08.0	base of West Tower, 27' ±
3					42.4	21.8	07.0	So. of Div. of Highways Brass Cap
4					42.6	21.3	06.9	
5					42.3	21.2	06.9	
6					41.8	21.2	06.2	
7					42.4	21.7	07.2	
8					42.1	21.7	06.7	
9					41.4	22.1	05.4	East Targets
10					42.2	21.4	06.5	Top = 111
11					41.7	22.2	07.0	BoT = 97
12					42.2	21.6	07.3	
13					40.2	21.1	06.8	
14					41.8	21.7	06.3	
15					42.6	22.2	06.3	
16					42.5	20.7	06.8	
17					42.1	20.6	05.9	
18					41.5	21.6	06.8	
19					42.2	20.9	06.9	
20					42.3	20.3	07.2	
21					41.7	21.2	06.4	
22					42.6	21.5	06.5	
23					42.4	20.8	05.6	
24					42.3	20.9	05.8	
25	101	890	402	5	104 101 (1/2) 6	41.6	21.7	06.1
				Σ =	1053.9 ✓	537.3 ✓	166.8 ✓	
				Mean =	42.156 ✓	21.492 ✓	6.672 ✓	

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

SURVEY BY Bowers

NOTES BY R.C.B. DATE 8/29/66

INDEXED C. J. GALLI DATE

WEATHER Clear

TIME 11:10 to 11:32

NOTES CHKD [illegible] DATE SEP 2 '66

INST. NO 25234

ROD NO 9-19

F.B. 3760 PG. 47

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

3

Do not extend notes this side of this line.

INST. NO 25234
ROD NO 2-42
WEATHER Clear
TIME 11:35 to 1:50
NOTES CHKD
DATE

F.B. 3760 Pg. 48
JOB NO. 0882.43
SURVEY OF L.B. Precise Level Net
SURVEY BY Bowers NOTES Rec'd
INDEXED C. T. GALLI DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT—MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
								FROM BM East Ecc TO BM West Ecc
Ecc					Top	Level	Bot	
BM East								
26					41 6	20 2	06 0	
27					41 3	20 4	06 3	
28					41 6	19 8	05 7	
29					41 7	19 8	06 2	
30					40 4	20 0	05 6	
31					41 3	19 9	05 4	
32					40 7	18 8	05 0	
33					41 1	19 6	05 1	
34					40 8	20 0	05 1	
35					40 9	20 0	05 7	
36					41 1	19 3	05 7	
37					41 0	20 0	05 4	
38					41 1	19 1	05 2	
39					41 3	19 7	05 3	
40					41 1	19 9	05 2	
41					41 1	20 1	06 1	
42					41 1	19 8	05 4	
43					41 5	19 9	06 0	
44					41 3	20 2	06 1	
45					41 0	20 1	05 8	
46					40 4	19 9	05 3	
47					40 6	19 3	06 3	
48					40 0	19 9	06 2	
49					41 0	20 3	05 7	
50					41 0	19 9	05 5	
				E =	1026.0 ✓	495 9	141.3 ✓	
				Mean =	41.040 ✓	19.836 ✓	5.652 ✓	

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

(3)

Do not extend notes this side of this line. 3rd 25 W.

JOB NO. 0382.43 SURVEY OF L.A.C.O. PRECISE LEVEL NET LONG BEACH

SURVEY BY G.E. DREIER WEATHER HAZY SUN INST. NO. 2816

NOTES BY DREIER DATE 8-29-66 TIME 11:35 TO 11:52 ROD NO. 2819

INDEXED L. J. GALL DATE NOTES CHKD. DATE SEP 2 '66

F.B. 3760 Pg. 49

STATION	BACKSIGHT					FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		~~RIGHT~~ ~~MIC.~~	~~LEFT.~~	~~STADIA~~		FROM Ecc. W. TOWER TO Ecc. E. TOWER
Ecc. W. Tower				166		TOP	LEVEL	BOTTOM		Ecc. W. TOWER
1	164	362	4655	162 4	1	428	301	122		B.SPK IN LEAD ABOUT 20FT. S.
					2	429	306	125		OF STATE HWY DISC.
					3	426	302	125		
					4	433	306	122		
					5	438	310	129		T WILKS
					6	437	306	127		
					7	431	308	133		
					8	428	306	131		
					9	433	306	127		WEST TARGETS
					10	429	307	128		TOP 171.000
					11	422	300	126		BOTTOM 156.000
					12	422	301	122		
					13	425	299	119		
					14	424	301	121		
					15	424	296	118		
					16	421	297	116		
					17	418	298	104		
					18	428	299	122		
					19	425	299	122		
					20	426	298	118		
					21	422	299	122		
					22	425	298	124		
					23	424	301	122		
					24	428	302	122		
					25	432	303	125		
					26	429	302	126		
				SUM		1107 ✓	785.1 ✓	319.5 ✓		
				MEAN		42.719	30.196 ✓	12.300 ✓		

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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.

WEATHER_____ INST. NO._____

TIME_____ ROD NO._____

NOTES CHKD_____ DATE_____

JOB NO._____

SURVEY OF_____ NOTES_____

SURVEY BY_____ DATE_____

INDEXED_____

F.B. 3760 Pg. 50

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM_____ TO_____

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

(4)

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. Anderson DATE 8/29/66

INDEXED C. J. GALLI DATE

WEATHER Clear

TIME 12:17 to 12:34

NOTES CHKD. [illegible] DATE SEP 2 '66

INST. NO. 75234

ROD NO. 9-19

F.B. 3760 PG. 51

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT Top ~~RIGHT~~	MIC.	Level ~~LEFT.~~		Bot ~~STADIA~~		DESCRIPTION AND REMARKS FROM BM West Ecc TO BM East Ecc
BM West Ecc													BM West Ecc
1	~~166~~			~~5~~			39	6	24	7	06	4	Under Vincent Thomas Bridge
2							39	2	24	8	06	3	West side, On top of Conc. base
3							38	9	24	3	06	1	of west tower, 20'± So. of
4							38	7	24	2	06	2	Div. of Hwy. Brass Cap, a
5							38	7	24	0	05	7	Small boat spk in lead
6							38	9	24	6	05	8	
7							38	8	24	6	05	7	
8							38	8	24	4	05	8	
9							39	2	24	7	06	4	
10							39	7	24	8	05	3	West targets on
11							39	0	24	7	06	4	
12							38	8	24	4	06	0	Top = 176.000
13							38	8	25	0	05	4	Bot = 156.000
14							38	7	24	3	05	7	
15							38	7	24	7	06	1	
16							39	7	24	8	05	8	
17							39	0	24	7	06	4	
18							39	3	25	0	05	3	
19							39	3	25	3	06	1	
20							39	9	25	3	06	1	
21							39	0	25	2	06	2	
22							39	9	24	7	05	7	
23							39	0	25	2	05	1	
24					166		38	9	24	5	06	0	
25	164	427	465	5	162	4	38	6	247	8	05	9	
							377.1		614.7		147.9		
							39.084		~~24.508~~		05.916		
									24.708				

F.B. 3760 Pg. 52

JOB NO.

SURVEY OF

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 3-65

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

(4)

Do not extend notes this side of this line. 4th 25

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM ECC. E. TOWER TO ECC. W. TOWER
Ecc. E. TOWER						TOP	LEVEL	BOTTOM	ECC. EAST TOWER
					1	39 4	22 4	06 8	P.K. SPK. IN LEAD IN SLY RAISED
					2	39 7	21 9	06 1	PORTION OF TOWER ABUTMENT
					3	39 0	22 0	06 0	
					4	39 4	22 4	06 2	π GEORGE D.
					5	39 1	22 0	06 2	
					6	39 0	21 9	06 0	
					7	39 5	21 1	06 1	
					8	39 9	21 4	05 9	
					9	39 3	21 5	06 1	
					10	39 1	22 2	06 1	
					11	39 0	21 8	06 0	
					12	39 1	21 8	06 2	
					13	39 2	21 3	06 0	
					14	39 1	21 9	06 0	EAST TARGET
					15	39 3	21 9	06 1	TOP ~~109.00~~ 111.00 ?
					16	39 1	21 3	06 3	BOTTOM 97.000
					17	39 1	21 5	05 8	
					18	39 3	21 2	06 3	
					19	39 2	21 6	06 6	
					20	39 6	21 7	06 7	
					21	39 6	21 5	06 3	
					22	39 7	21 5	06 0	
					23	40 0	21 3	06 1	
					24	39 9	21 5	06 1	
	101	943	4025	99/23	25	39 9	21 3	06 2	
			SUM			9845	5419	1542	
			MEAN			39 380	21.676	06.168	

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

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

NOTES BY WILKS DATE 8-29-66 TIME 12:17 - 12:34 ROD NO. 2819

INDEXED G. J. GALLI DATE NOTES CHKD [signature] DATE SEP 2 '66

F.B. 3760 PG. 53

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.

WEATHER_____ INST. NO._____

TIME_____ ROD NO._____

NOTES CHKD_____ DATE_____

F.B. 3760 Pg. 54 JOB NO._____

SURVEY OF_____ NOTES_____

SURVEY BY_____

INDEXED_____ DATE_____

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM_____ TO_____

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.

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	~~RIGHT~~	~~MIC.~~	~~LEFT.~~	~~STADIA~~	FROM BM West Ecc TO BM East Ecc.
BM West Ecc					Top		Level	Bot	
1	164	379	465 5	166 162 4	36	8	21 7	03 8	BM West Ecc
2					34	7	20 6	03 3	
3					34	2	20 3	04 2	
4					32	3	20 5	03 6	
5					33	4	20 2	04 0	
6					33	3	21 2	05 1	
7					35	7	21 2	03 3	
8					34	8	21 7	05 8	
9					38	0	22 8	06 2	
10					35	5	20 9	04 0	
11					35	2	20 9	03 6	
12					36	4	21 3	04 9	West Targets set on
13					35	7	20 8	03 7	
14					33	8	20 8	03 8	Top = 171
15					34	7	20 7	05 4	Bot = 156
16					36	0	21 3	04 2	
17					34	2	20 8	04 8	
18					34	2	22 0	07 0	
19					35	7	23 2	07 9	
20					37	9	22 7	06 8	
21					37	2	21 7	05 5	
22					34	4	20 2	04 8	
23					35	6	20 8	03 7	
24					35	7	20 4	04 9	
25					35	2	20 8	03 9	
				Σ =	880	6	529 5	118 2	
				Mean =	35	224	21 180	4 7[illegible]	

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

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

NOTES BY Wacker M.F. DATE 8/30/66 TIME 9:40 To 10:04 ROD NO. 9-19

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

F.B. 3760 Pg. 55

F.B. 3760 Pg. 56

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

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

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. 1ST 25 E,

JOB NO. 0882.43 LONG BEACH
SURVEY OF U.S.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER SCAT. CLOUDS INST. NO. 2676
NOTES BY WILKS TIME 9:40 - 10:04 ROD NO. 2819
INDEXED DATE NOTES CHKD DATE SEP 2 '66
F.B. 3760 · Pg. 57

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		~~RIGHT MIC~~ TOP	LEVEL	BOTTOM	FROM ECC. E. TOWER TO ECC. W. TOWER
ECC. E. TOWER			103					ECC. E. TOWER
1	101 958	402 5	99	1	43 8	23 7	10 2	P.K. SPK. IN LEAD IN SLY RAISED PORTION
				2	43 0	23 6	10 0	OF CONC. ABUTMENT
				3	43 0	23 2	10 0	
				4	43 1	23 1	9 9	
				5	43 2	23 2	10 4	
				6	43 3	23 0	10 1	
				7	43 2	23 0	9 9	
				8	42 7	22 9	9 4	EAST
				9	42 8	23 0	9 7	TARGET SETTINGS
				10	42 9	22 9	10 2	
				11	43 2	23 0	9 9	TOP 111.000
				12	43 5	23 0	10 0	
				13	42 7	23 0	10 1	BOTTOM 97.000
				14	42 8	23 0	9 0	
				15	43 1	23 0	9 0	
				16	42 8	22 8	9 3	T BOB S.
				17	43 2	22 9	9 8	
				18	42 5	22 7	9 7	
				19	42 8	22 5	9 2	
				20	43 0	22 5	9 2	
				21	42 2	22 4	9 5	
				22	42 0	22 4	8 8	
				23	43 0	22 2	8 9	
				24	42 1	21 9	8 9	
				25	42 0	22 0	9 0	
			SUM		~~1079 9~~ 1077.9 ✓	570 9 ✓	240 1 ✓	
			MEAN		42 876	22 836 ✓	9 604 ✓	

F.B. 3760 Pg. 58

JOB NO.

SURVEY OF

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.

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

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

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. 2nd 25 WEST

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT ~~RIGHT MIC.~~ TOP	FORESIGHT ~~LEFT.~~ LEVEL	FORESIGHT ~~STADIA~~ BOTTOM	DESCRIPTION AND REMARKS FROM ECC. W. TOWER TO ECC. E. TOWER
ECC. W. TOWER							ECC. W. TOWER
1			1	41 1 ~~41 9~~	28 0 ~~25 4~~	9 4 ~~10 4~~	B.SPK IN LEAD ABOUT 20 FT. S. OF
			2	41 0	28 1	9 9	STATE HWY DISC
			3	42 2	28 5	10 2	
			4	42 4	29 2	10 7	⊼ WILKS
			5	43 4	29 4	11 8	
			6	43 1	29 8	11 5	
			7	44 2	31 1	13 1	
			8	44 8	31 0	13 4	WEST TARGET SETTINGS
			9	44 3	31 2	12 4	TOP 171.000
			10	44 7	31 2	13 6	BOTTOM 156.000
			11	44 6	31 2	13 7	
			12	45 8	31 3	13 7	
			13	45 7	31 9	15 0	
			14	45 2	32 3	14 4	
			15	45 6	32 3	14 2	
			16	45 4	32 1	15 3	
			17	46 8	32 8	14 5	
			18	45 8	32 5	14 6	
			19	45 9	32 6	15 2	
			20	45 4	32 3	14 0	
			21	46 2	32 5	14 7	
			22	45 8	32 2	14 2	
			23	46 1	32 2	14 6	
			24	44 7	32 6	14 6	
	164.250	465 5	166 4 162 25	45 3	32 4	13 7	
			SUM	1115 5	780.7	332.4	
			MEAN	44.620	21.228	13.296	

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

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

NOTES BY WORKMAN DATE 8-30-66 TIME 10:32 10:47 ROD NO. 8 & 19

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

F.B. 3760 PG. 59

PLEASE RETURN TO

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Do not extend notes this side of this line.

INST. NO. _____
ROD NO. _____
DATE _____
WEATHER _____
TIME _____
NOTES CHKD _____

JOB NO. _____
NOTES _____
DATE _____
SURVEY OF _____
SURVEY BY _____
INDEXED _____

F.B. 3760 Pg. 60

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

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.C. BOWERS WEATHER CLEAR & MILD INST. NO. 75234

NOTES BY R. ANDERSON DATE 8-30-66 TIME 10:32 TO 10:47 ROD NO.

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

F.B. 3760 PG. 61

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT ~~RIGHT~~	FORESIGHT ~~MIC.~~	FORESIGHT ~~LEFT.~~	FORESIGHT ~~STADIA~~	DESCRIPTION AND REMARKS FROM B.M. EAST ECC. TO B.M. WEST ECC.
B.M. EAST ECC.					TOP		LEVEL	BOT.	
1					45	4	27 8	11 7	
2					44	1	27 6	10 7	
3					43	8	27 4	10 1	
4					44	3	25 7	10 0	
5					43	4	26 0	09 9	
6					43	2	25 2	09 7	
7					44	3	25 1	09 4	
8					43	5	24 7	09 4	
9					43	3	24 4	09 5	
10					42	1	24 2	09 0	Targets on East Side
11					42	8	24 7	09 1	
12					43	3	24 1	09 6	Top = ~~171~~ 111.000
13					42	9	24 2	09 0	Bot = ~~136~~ 97.000
14					42	6	24 7	08 8	
15					42	0	24 4	07 9	
16					42	3	24 4	09 0	
17					42	4	24 7	08 3	
18					42	2	24 1	09 6	
19					42	6	23 8	08 0	
20					42	4	24 6	08 1	
21					42	0	24 2	09 0	
22					42	5	24 0	08 4	
23					42	7	24 6	07 4	
24					43	0	24 6	08 1	
25	101	946	402 5	103 101 004	42	4	24 1	08 0	B.M. EAST ECC.
				Σ =	1075	5	623 3	227 7	
				Mean =	43	020	24 932	09 108	

F.B. 3760 Pg. 62

JOB NO.

SURVEY OF

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.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 ____

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.

3rd. 25 (WEST)

0882.43

JOB NO. 0901-02 SURVEY OF L.A.-LONG BEACH SURVEY BY G.E. DREIER WEATHER SUN - COOL INST. NO 96716

NOTES BY WILKS DATE 8-30-66 TIME 10:57 - 11:16 ROD NO 2819

INDEXED G.J. GALLI DATE NOTES CHKD [illegible] DATE SEP 6 66

F.B. 3760 Pg. 63

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.		LEFT.	STADIA	RIGHT MIC.		LEFT.	STADIA	FROM ECC. W. TOWER TO ECC. E. TOWER
						TOP	LEVEL	BOTTOM	
ECC. W. TOWER				166					
1	164	250	465 5	162 4	1	41 8	29 5	10 1	
					2	42 8	30 1	11 1	
					3	43 0	30 4	12 0	
					4	43 2	31 2	12 5	
					5	43 1	30 5	12 5	
					6	43 4	31 0	12 8	⊼ SIEMANN
					7	44 0	31 1	13 0	
					8	43 5	31 1	13 0	
					9	43 6	31 1	12 8	
					10	43 8	31 2	12 4	
					11	43 5	31 0	12 8	
					12	43 5	31 1	13 0	
					13	43 4	31 5	13 0	
					14	43 5	31 2	12 9	
					15	44 6	31 5	13 1	
					16	43 9	31 9	12 8	
					17	44 8	32 0	13 5	
					18	44 0	31 8	12 9	
					19	44 0	31 8	13 7	
					20	44 3	32 0	13 5	
					21	44 8	32 0	13 1	
					22	44 6	32 4	13 8	
					23	45 2	32 6	13 7	
					24	45 5	33 0	14 1	
ECC. E TOWER					25	45 0	32 5	14 0	
				SUM		1086 8 ✓	785 5 ✓	322.1 ✓	✓
				MEAN		~~43 4772~~ 43 872 ✓	31.420 ✓	12.884 ✓	

F.B. 3760 Pg. 64

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

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

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

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

SURVEY BY Bowers

NOTES BY Wacker DATE 30-Aug-66

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 7523A

TIME 10:57 to 11:16 ROD NO. 9-19

NOTES CHKD. [illegible] DATE SEP 2 '68

F.B. 3760 PG. 65

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM East Ecc									FROM BM East Ecc TO BM West Ecc
									BM East Ecc
1.	101	946	402 5	103 101 (1/2) 4	44	7	27 2	09 7	
2.					45	3	26 1	10 7	
3.					45	2	25 8	10 3	
4.					44	8	25 4	10 1	
5.					44	3	24 8	09 5	
6.					44	2	24 7	10 8	
7.					44	6	24 9	09 4	
8.					44	2	24 8	09 8	Rods on East Side
9.					42	8	25 4	09 2	
10.					44	7	25 2	09 3	
11.					43	2	24 9	09 6	Top = 113.000
12.					43	8	24 3	09 3	
13.					43	3	25 6	09 7	Bot = 99.000
14.					43	3	25 2	10 7	
15.					44	3	24 8	10 3	
16.					44	6	25 2	10 2	
17.					44	3	25 7	10 3	
18.					44	8	24 9	10 4	
19.					44	2	25 2	11 4	
20.					43	8	25 7	10 7	
21.					44	8	25 8	10 7	
22.					43	2	25 6	10 7	
23.					45	3	26 0	10 6	
24.					43	8	26 6	11 0	
25.					44	7	26 2	10 8	
				Σ =	1106	2	636 0	255 2	
				Mean =	44	248	25 440	10 208	

F.B. 3768 Pg. 66

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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

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

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

(8)

Do not extend notes this side of this line.

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

SURVEY BY R. C. Bowers

NOTES BY Wacker M.E. DATE 30-Aug-66

INDEXED C. J. GALLI DATE

WEATHER Clear

TIME 10:50 to 12:20

NOTES CHKD. [illegible] DATE

INST. NO. 25234

ROD NO. 9-19

F.B. 3[illegible] PG. 67

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT ~~RIGHT~~	~~MIC.~~	~~LEFT.~~	~~STADIA~~	DESCRIPTION AND REMARKS FROM B.M. West Ecc. TO B.M. East Ecc.
B.M. West Ecc.							Top		Level	Bot.	
1.							39	9	26 1	08 9	B.M. West Ecc.
2.							40	6	26 1	09 1	
3.							39	9	26 8	08 8	
4.							39	9	26 9	09 8	
5.							40	9	27 2	09 3	
6.							41	1	27 5	10 2	
7.							40	4	27 8	09 4	
8.							40	5	27 7	09 7	
9.							41	2	27 6	09 2	
10.							40	4	27 8	09 4	
11.							39	8	27 4	09 1	West Targets set at
12.							41	1	27 7	09 3	
13.							40	8	28 5	09 6	Top = 171.000
14.							41	6	28 4	10 0	Bot = 156.000
15.							41	0	28 6	10 8	
16.							41	2	28 0	09 5	
17.							41	3	28 3	10 0	
18.							40	8	28 3	10 0	
19.							41	2	28 9	10 1	
20.							41	8	28 4	10 1	
21.							41.0 ~~40~~	~~1~~	28 5	10 5	
22.							41	3	28 0	11 0	
23.							41	3	28 7	10 6	
24.							41	9	28 1	10 9	
25.	164	380	465	5	166 / 162	4	41	2	28 5	10 5	
					Σ =		1022	1	695 8	245 8	
					Mean =		40	884	27 832	9 832	

F.B. 3760 Pg. 68

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

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403 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

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

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. 4th (EAST)

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ECC. E. TOWER TO ECC. W. TOWER
ECC. E. TOWER 1					TOP		LEVEL	BOTTOM	ECC. E. TOWER
					1	44.0	27.3	10.7	
					2	44.2	26.0	10.6	
					3	43.2	27.6	9.8	
					4	43.5	26.4	10.2	
					5	43.3	26.7	9.7	
					6	44.0	26.7	10.2	π WILKS
					7	43.9	26.7	9.6	
					8	44.0	25.4	9.2	
					9	43.8	26.7	9.1	
					10	43.0	26.3	10.1	TARGET SETTINGS EAST
					11	43.7	26.0	10.4	TOP 111.000
					12	43.1	25.8	9.7	BOTTOM 97.000
					13	42.7	26.0	9.7	
					14	43.8	25.5	9.4	
					15	43.5	25.0	9.8	
					16	43.2	26.2	10.2	
					17	42.4	25.8	9.8	
					18	43.3	26.7	9.7	
					19	43.7	26.7	9.3	
					20	43.5	25.8	9.2	
					21	44.1	26.1	9.4	
					22	42.7	25.8	9.2	
					23	43.3	26.7	10.0	
					24	43.0	25.7	9.2	
					25	42.5	25.6	9.0	
	~~101~~	~~966~~			26	43.7	26.0	9.2	
	101	808	402.5	99/103		1129.1	681.2	252.4	
						43.427	26.[illegible]	9.708	

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

SURVEY BY G. E. DREIER

NOTES BY WORKMAN DATE 8-30-66

INDEXED G. J. GALLI DATE

WEATHER BRISK BR. SUNNY

TIME 11:50 - 12:20

NOTES CHKD [illegible] DATE SEP 2 '66

INST. NO. 96716

ROD NO. 9819

F.B. 3760 PG. 69

F.B. 3760 Pg. 70 JOB NO.

SURVEY OF

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 3-65

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. REOBS. 1ST 25

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM West Ecc TO BM East Ecc
BM West Ecc					TOP		LEVEL	BOTTOM	BM West Ecc
1	164	374	465 5	166 162 4	41	3	28.6	10.4	
2					41	7	27 7	10 2	
3					41	3	28 2	10 3	
4					40	3	28 1	10 3	
5					41	7	29 1	10 4	
6					41	4	28 5	10 8	(Rerun)
7					41	7	29 3	9 9	
8					41	3	29 4	10 8	
9					42	1	29 0	10 1	
10					42	2	28 8	11 0	West Targets @
11					41	8	29 4	11 1	Top 171.000
12					42	2	29 0	10 6	Bot 156.000
13					41	8	29 7	11 1	
14					41	8	28 9	10 7	
15					42	1	29 2	10 7	
16					42	3	29 2	10 8	
17					41	3	29 3	10 9	
18					41	5	29 5	10 8	
19					42	1	30 1	11 2	
20					42	2	29 7	11 0	
21					42	3	29 5	11 2	
22					42	2	29 8	11 3	
23					41	7	29 9	11 5	
24					42	3	29 8	11 3	
25					42	6	29 9	10 8	
				Σ =	1045	2	729 6	269 2	
				Mean =	41	808	29 184	10 768	

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

SURVEY BY Bowers

NOTES BY Benlevy DATE 8/30/66

INDEXED C. J. GALLO DATE

WEATHER Clear

TIME 1226 to 12:44

NOTES CHKD. [illegible] DATE SEP 2 '66

INST. NO. 75234

ROD NO. 9-19

F.B. 3760 PG. 71

F.B. 3760 Pg. 72 JOB NO.

SURVEY OF

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.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 ___

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. REOBS. 1 ST 25

JOB NO. 0882-43 SURVEY OF L.A.-SO. PRECISE LEVEL NET — LONG BEACH
SURVEY BY G. E. DREIER — WEATHER SLT. BREEZE INST. NO. 9674
NOTES BY WILKS — DATE 8-30-66 — TIME 12:26 - 12:44 — ROD NO. 9419
INDEXED C. J. GALLI — DATE — NOTES CHKD — DATE
F.B. 3760 Pg. 73

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ECC. EAST TOWER TO ECC. WEST TOWER
ECC. E. TOWER				99		TOP	LEVEL	BOTTOM	ECC. EAST TOWER
	101	808	402 5	103	1	40 5	24 9	8 1	PK IN LEAD IN SLY. RAISED
					2	41 0	24 9	8 7	PORTION OF CON. ABUTMENT
					3	40 5	24 L	8 7	
					4	40 1	24 8	8 L	
					5	40 6	25 0	8 0	
					6	42 0	24 9	8 7	
					7	41 9	24 8	9 4	
					8	42 1	24 8	8 1	
					9	42 3	24 8	8 5	
					10	42 8	24 5	8 5	EAST TARGETS
					11	42 5	24 6	7 9	
					12	42 8	24 8	8 8	TOP 111,000
					13	41 8	24 8	9 0	
					14	42 5	24 7	9 0	BOTTOM 97,000
					15	43 0	25 1	9 3	
					16	41 9	24 9	8 8	
					17	41 9	25 2	7 5	T BOB S.
					18	43 0	24 9	9 0	
					19	42 7	25 1	8 9	
					20	43 0	25 0	8 5	
					21	42 2	25 2	8 8	
					22	42 9	25 1	9 1	
					23	43 7	25 2	9 7	
					24	43 6	25 1	9 4	
					25	42 3	25 1	9 0	
						1053.6 ✓	6225 ✓	218 0 ✓	
						~~42.464~~	~~249~~	8.720 ✓	
						42 144 ✓			

F.B. 3760 Pg. 74

JOB NO.

SURVEY OF

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 3-65

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.

0832.43 LONG BEACH
JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER HAZY SUN INST. NO. 26776
NOTES BY G.E. DREIER DATE 8-24-66 TIME 11:20 TO 12:15 ROD NO. 2448
INDEXED S.J. GALLI DATE NOTES CHKD. DATE SEP 23 '66
F.B. 3760 Pg. 75

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ECC. E. TOWER TO EAST TOWER
B.M. ECC. E. TOWER									ECC. E. TOWER
1	93238		3945	96 91 5 ✓	153951		4545	156 151 5 ✓	SET B.SPK IN LEAD IN S'LY RAISED PORTION OF EAST TOWER ABUTEMENT 5.7 W. & 1.9 S. OF N.E. COR.
B.M. EAST TOWER	93238 ✓				153951 ✓			5 / 10 ✓	B.M. EAST TOWER STATE HWY DISC. IN CENTER OF EAST TOWER CONC. ABUTEMENT
					93238 ✓				
					60713 ✓				

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 EAST TOWER TO ECC. E. TOWER
EAST TOWER									EAST TOWER
				158				98	2" STATE HWY DISC IN CENTER OF
1	155	970	456 5	153 5	95	189	396 5	93 5	EAST TOWER ABUTMENT
								5	
ECC. E. TOWER	155	970			95	189		10	ECC. EAST TOWER
	95	189							P.K. SPK IN LEAD
+	60	781							

F.B. 3760 PG. 76

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 8-24-66

INDEXED C. J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 1:25 TO 1:30 ROD NO. 9819

NOTES CHKD. [illegible] DATE SEP 23 '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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM EAST TOWER TO 24-03666
B.M. EAST TOWER									B.M. EAST TOWER STATE HWY DISC
									IN CENTER OF CONC. ABUTMENT
1	77	674	378 5	80 73 7	290	933	591 5	293 286 7	
								7	
Bm. 24-03666									B.M. 24-03666 CITY L.A. DISC
	77	674			290	933		14	IN EAST FACE OF CONC. ABUTMENT
					77	674			
				-	213	259			

JOB NO. ~~0201.02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LONG BEACH PRECISE LEVEL NET

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

NOTES BY SIEMANN DATE ~~Sept~~ 8-24-66 TIME 1:40 TO 1:45 ROD NO. 9419

INDEXED C. J. GALLI DATE NOTES CHKD. [signature] DATE SEP 23 '66

F.B. 3768 PG. 77

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 3760 Pg. 78 | JOB NO. 0882-43 | SURVEY OF LONG BEACH PRECISE LEVEL NET | SURVEY BY ZEMER NOTES SIEMANN 8-24-66 | INDEXED C. J. GALLI DATE | WEATHER HAZY SUN INST. NO. 9676 | TIME 1:45 TO 4:50 ROD NO. 18 19 | NOTES CHKD DATE SEP 23 '66

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.A. 24-03666 TO EAST TOWER
L.A. 24-03666									B.M. CITY L.A. 24-03666
1	290	584	591	5 293 286 7	77	375	378	5 80 73 7	CITY DISC VERTICAL IN E. FACE OF EAST TOWER ABUTMENT
EAST TOWER								7	EAST TOWER
	290	584	✓	14	77	375	✓	14	STATE HWY DISC IN CENTER OF TOP OF EAST TOWER ABUTMENT
	77	375	✓						
	+213	209	✓						

78P526 CE # 308 3-65

1-75

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 24-03666 TO 24-03690
B.M. 24-03666									B.M. 24-03666 CITY L.A. DISC
1	98	993	399 5	1 113 30 2 98 ~~15~~	187	440	488 5	202 172 30	VERTICAL IN E. FACE OF EAST TOWER ABOTEMENT.
2	92	057	393 5	115 69 46 76	141	506	442 5	164 118 46 76	
B.M. 24-03690								76	B.M. 24-03690 ~~(WILL E. 2)~~ CITY OF L.A.
	191	050			328	946		152	STATE HWY MON. 506 FT. E. OF E.
					191	050			TOWER, & CABLE ABUTTMENT # 12
					137	896			

JOB NO. ~~0301-02~~ 0382.43 SURVEY OF ~~L.A. CO.~~ LONG BEACH PRECISE LEVEL NET

SURVEY BY ~~[illegible]~~ DREYER

NOTES BY SIEMANN DATE 8-24-66

INDEXED C. J. GALLI DATE

WEATHER HAZY INST. NO. [illegible]

TIME 2:10 TO 2:23 ROD NO. 9519

NOTES CHKD. [illegible] DATE SEP 23 '66

F.B. 3760 PG. 79

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 24-03690 TO 24-03666
B.M. 24-03690									B.M. 24-03690 STATE Hwy. DISC
1	190	550	491 5	227 152 75	52	620	353 5	90 ½ 52 76	506 FT E. OF E. TOWER & CABLE BENT
								75	No. 12
B.M. 2403666									B.M. 24-03666
	190	550			52	620		151	
	52	620							
+	137	930							

F.B. 3760 Pg. 80

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (9-2-66)

INDEXED C. J. GALLI DATE

WEATHER OVER CAST INST. NO. 96716

TIME 1:05 TO 1:10 ROD NO. 9819

NOTES CHKD [signature] DATE SEP 23 '66

76P526 CE # 308 3-65

2-102

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 24-03690 TO 24-02350
B.M. 24-03690							B.M. 24-03690 CITY L.A.,
1	128 606	4295	159 98 61	111 672	4125	142 81 61	STATE HWY MON. 506 FT. E. OF E.
							TOWER, & CABLE BENT # 12
2	242 788	5435	264 221 43	163 650	4645	183 143 40	
			104			101	
B.M. 24-02350			~~101~~			104	B.M. 24-02350 (WIL. E-7)
	371394		~~205~~	275322		205	SEASIDE, WEST OF ALTOONA PL.
	275322						
+	96,072						

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

SURVEY BY G. E. DREIER WEATHER HAZY INST. NO. 9676

NOTES BY SIEMANN DATE 8-24-66 TIME 2:25 TO 2:40 ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD [signature] DATE

F.B. 3760 PG. 81

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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Do not extend notes this side of this line.

F.B. 3760 Pg. 82 JOB NO 0382.43

SURVEY OF Long Beach Precise Level Net

SURVEY BY Dreier NOTES Siemann (9-2-66)

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 2616

TIME 11:45 To 12:00 ROD NO. 1&2

NOTES CHKD [illegible] DATE SEP 23 '66

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	From 24-02350 To 24-03690
Bm. 24-02350									B.M. 24-02350 (City LA. W.L. E-7)
1	142	157	443.5	171 113 58	241	142	542.5	269 213 56	SEASIDE AVE, 167 FT. W. OF ALTOONA PL.
2	136	810	437	161 112 49 107	133	860	434.5	158 109 49 105 ✓	
B.M. 24-03690								107	B.M. 24-03690
	278	967	✓		375	002	✓	212 ✓	
					278	967	✓		
					96	035			

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 24-02350 TO 24-02390
B.M. 24-02350									B.M. 24-02350 (CITY L.A. WIL E-7)
1	143	900	444 5	183 103 80	222	600	523 5	263 181 82	SEASIDE AVE W. OF ALTOONA PL.
2	141	793	442 5	173 109 64	131	475	432 5	163 100 63	
				144				145	
3	161	563	462 5	181 141 40	167	471	468 5	187 148 39	
				184 ✓				184 ✓	
B.M. 24-02390								184	B.M. 24-02390 (USC&GS. TIDAL 19)
	447	256 ✓			521	546 ✓		368 ✓	DOCK ST, 141' S.E OF SHED 230 AB
					447	256 ✓			
					74	290 ✓			

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

SURVEY BY G.E. DREIER WEATHER HAZY SUN INST. NO. [illegible]

NOTES BY SIEMANN DATE 8-24-66 TIME 2:45 TO 3:00 ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE 8-23-66

F.B. 3760 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 24-02390 TO 24-02350
BM.24-02390									B.M. 24-02390 (U.S.C.&G.S. TIDAL 19)
1	153	280	454 5	194 113 81	68	555	369 5	110 ½ 68 84	DOCK ST., 141 FT. S.E. OF SHED 230 A-B.
2	161	100	462 5	206 117 89	171	540	472 5	216 126 90	
				170				174	
BM.24-02350								170	B.M. 24-02350
	314	380			240	095		344	SEASIDE, W. OF ALTOONA PL.
	240	095							
	74	285							

WEATHER OVERCAST INST. NO 96716

TIME 11:35 TO 11:45 ROD NO 9819

NOTES CHKD [signature] DATE SEP 23 '66

F.B. 3760 PG. 84 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY NOTES SIEMANN (9-2-66)

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 24-02390 TO 24-02400
B.M. 24-02390							B.M. 24-02390 (U.S.C. & G.S. TIDAL 19)
1	136 074	437 5	144 / 128 16	157 090	458 5	166 / 148 18	DOCK ST., 141 FT S.E. OF SHED 230 A-B
2							
B.M. 24-02400	149 932	450 5	174 / 124 50	102 790	403 5	125 / 79 46	B.M. 24-02400 (CITY L.A)
	286 006 ✓		66	259 880 ✓		64	W. SPK IN S.E. SIDE CIRCULAR CURB
	259 880 ✓		64			66	AROUND FIRE HYDR. OPPOSITE BLDG.
+	26 126 ✓		130			130	230 D-E

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

SURVEY BY G.E. DREIER

NOTES BY S.L. MANN DATE 8-24-66

INDEXED J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 3:00 TO 3:20 ROD NO. 9819

NOTES CHKD [signature] DATE SEP 23 '66

F.B. 3760 PG. 85

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 24-02400 TO 24-02390
B.M. 24-02400									B.M. 24-02400
1	117	790	418 5	148 86 62	143	845	444 5	174 143 62	W. SPK IN S.E. SIDE CIRCULAR CURB
								62	AROUNT FIRE HYDRANT OPP. BERTH 230-D-E
~~B.M.~~									
B.M. 24-02390									
	117	790			143	845		124	B.M. 24-02390
					117	790			
					26	055			

F.B. 3760 PG. 86

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (9-2-66)

INDEXED C. J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 11:30 TO 11:35 ROD NO. 9819

NOTES CHKD [signature] DATE SEP 23 '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 24-02400 TO 24-02410
B.M. 24-02400									B.M. 24-02400 (CITY L.A)
1	124 5	813	426 5	153 97 56	150	571	451 5	178 123 55	W. SPK IN S.E. SIDE CIRCULAR CURB AROUND FIRE HYDR. OPPOSITE BERTH 230 D-E
2	148	083	449 5	172 124 48	83	553	38 5	108 58 50	
				104				105	
B.M. 24-02410				104				104	B.M. 24-02410 (CITY LA)
	273	896		209	234	124		209	SPK. IN TOP CONC. PLAT FORM AT S.E. COR. BERTH 232 A-B, 27' N. OF DOCK ST.
	234	124							
+	39	772							

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 8-24-66

INDEXED E. J. GALLI DATE

WEATHER HAZY SUN INST. NO. [illegible]

TIME 3:10 TO 3:20 ROD NO. [illegible]

NOTES CHKD [illegible] DATE SEP 22 '68

F.B. 3760 Pg. 87

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 24-02410 TO 24-02400
B.M. 24-02410									B.M. 24-02410
1	89	055	390 5	135 43 92	159	085	460 5	204 114 90	SPK. IN TOP OF PLATFORM AT S.E. COR
									BERTH 232 A-B 27 FT. N. OF DOCK ST.
2	154	343	455 5	161 148 13	124	108	425 5	132 117 15	
				105				105	
B.M. 24-02400								105	B.M. 24-02400
	243	398			283	193		210	
					243	398			
					39	795			

F.B. 3760 Pg. 88

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (9-2-66)

INDEXED C. J. GALLI DATE

WEATHER OVER CEST INST. NO. 96716

TIME 11:20 TO 11:28 ROD NO. 9 & 17

NOTES CHKD. [signature] DATE SEP 23 '68

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.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM 24-02410 TO 24-02420
B.M. 24-02410							B.M. 24-02410 CITY L.A.
1	87 930	388 5	117 57 60	157 463	458 5	188 126 62	SPK. IN TOP CONC. PLATFORM AT S.E. COR
							BERTH 232-A-B, 27 FT. N. OF DOCK ST.
	152 723	453 5	166 138 28	165 825	466 5	178 153 25	
			88			87	
B.M. 24-02420						88	B.M. 24-02420 (WIL D-8B CITY L.A.)
	240 653			323 288		175	18' W. OF E. EDGE PAV. OF DOCK
				240 653			ST. 4' N. LINE PROD. BERTH 232-D
				~~563 941~~			
				82 635			

JOB NO. ~~0901.02~~ 0982.43 SURVEY OF ~~L.A. CO.~~ LONG BEACH PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 8-24-66

INDEXED C. J. GALLI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 3:20 TO 3:25 ROD NO. 9819

NOTES CHKD. [illegible] DATE

F.B. 3760 PG. 89

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 24-02420 TO 24-02410
BM.24-02420									BM.24-02420 (CITY LA. WIL. D-8B)
1	178	826	479 5	222 135 87	96	255	397 5	139 53 86	18 FT. W. OF E. EDGE OF PAV. OF DOCK ST.
								87	4 FT. N. LINE PROD. BERTH 232 D
BM.24-02410									
	178	826			96	255		173	B.M. 24-02410
	96	255							
+	82	571							

WEATHER OVERCAST INST. NO. 96716

TIME 11:10 TO 11:20 ROD NO. 7819

NOTES CHKD [signature] DATE SEP 23 '68

F.B. 3760 PG. 90 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (9-2-66)

INDEXED C. J. GALL DATE

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.

0882.43 Long Beach
JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY C.S. DREIER WEATHER HOT INST. NO. 2626
NOTES BY WORKMAN DATE 8-25-66 TIME 1:32 ROD NO. 2612
INDEXED DATE NOTES CHKD. DATE SEP 23 '66
F.B. 3760 Pg. 91

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 24-02420 TO 24-02430 (L-97)
Bm. 24-02420	~~46~~								B.M. 24-02420 (WIL D-8B CITY L.A.)
1	164	868	465	5	159	563	460	5	18 FT. W. OF E. EDGE PAV. OF DOCK ST.
				189 139 60				184 134 50	
2	180	680	481	5	138	672	439	5	4 FT. N. LINE PROD. BERTH 232 D
				190 161 29				156 121 35	
								85	✓
								79	✓
BM 24-02430 (L-97)									T DREIER
	345 548	✓		79	298 235	✓		164	B.M. 24-02430 (U.S.C.&G.S. L-97)
	298 235	✓							DOCK ST. 400 FT. N. OF TERMINAL WAY
	47 313								IN S. PIER OF WATER TANK
+	47 313	✓							

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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.

WEATHER OVERCAST INST. NO. 26216
TIME 11:00 11:08 ROD NO. 2618
NOTES CHKD DATE SEP 23 '66

F.B. 3760 Pg. 92
SURVEY OF LONG BEACH PRECISE LEVEL NET
SURVEY BY DREIER NOTES WIERKMAN 9-2-64
INDEXED C. J. GALLI DATE
JOB NO. 0882.43

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 24-02430 TO 24-02420
BM 24-02430									B.M. 24-02430 (U.S.C. & G.S. L-97 1931)
1	140	020	441	5 159 121 38	154	315	455	5 173 134 39	IN S. PIER OF WATER TANK 26 FT. W. OF DOCK ST., 400± FT. N. OF TERMINAL WAY
2	149	111	450	5 174 124 50 88	182	105	483	5 207 157 50 89	
								88	T DREIER
BM 24-02420	289	131	✓		336	420	✓	177	BM 24-02420 W/L D-8B
					289	131	✓		18 FT W. OF E. EDGE OF PAV. OF DOCK ST., 4 FT. N. OF LINE PROD. OF BERTH 232D
					47	289	✓		

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 24-02430 (L-97) TO 24-02460
B.M. 24-02430									B.M. 24-02430 (U.S.C.&G.S. L-97 1931)
1	134	532	435 S	141 128 13	161	574	462 S	168 155 13	IN S. PIER OF WATER TANK 26 FT. W. OF DOCK ST. ~~WATER TANK~~ 400 FT. N. OF TERMINAL WAY
2	168	141	469 S	204 131 73 86	169	847	470 S	204 133 71 ~~73~~ 84	
3	141	950	442 S	175 108 67 153	142	791	443 S	176 108 68 152	
4	153	861	454 S	183 122 61 214 ✓	177	675	478 S	209 146 63 215 ✓ 214 ✓	π DREIER
BM 24-02460	598	484 ✓		214	651	887 ✓		429	BM 24-02460
					598	484 ✓			W. SPK. IN S. CB. TERMINAL WAY
					53	403 ✓			5 FT. E. OF E. END CURB RETURN,
									S.E. CORNER TUNA ST.

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

SURVEY BY G.E. DREIER

NOTES BY WORKMAN DATE 8-25-66

INDEXED C. J. GALLI DATE

WEATHER HOT

TIME 1:43 1:55

NOTES CHKD [signature] DATE

INST. NO. 96716

ROD NO. 9819

SEP 23 '68

F.B. 3760 PG. 93

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

WEATHER OVERCAST INST. NO. 76716
TIME 10:45 10:57 ROD NO. 2 & 12
NOTES CHKD DATE SEP 23 '66

SURVEY OF Long Beach Precise Level Net
SURVEY BY Dreier NOTES Workman 9-2-66
INDEXED C. J. GALLI DATE

JOB NO 0382.43
B. 3760 PG. 94

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM 24-02460 TO 24-02430
BM 24-02460				227					188		BM. 24-02460
1	198	585	499 5	169	58	160	880	461 5	132	56	W. SPK. IN S. CB. TERMINAL WAY 5 FT. E.
				178					205		OF E. END C.R., S.E. COR TUNA ST.
2	143	392	444 5	108	70	171	000	472 5	136	69	
				189	128				147	125	
3	172	016	473 5	154	35	128	819	429 5	110	37	T DREIER
					163	✓				162 ✓	
										163	
										325	
BM 24-02430	513	995 ✓				460	699 ✓				BM 24-02430 (U.S.C. & G.S. L-97)
	460	699 ✓									DOCK ST 400± FT. N. OF
+	53	294 ✓									TERMINAL WAY IN S. PIER
											OF WATER TANK

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

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JOB NO. 0901.02 SURVEY OF L.A.-LONG BEACH PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER HOT INST. NO. 46216
NOTES BY WORKMAN DATE 8-25-66 TIME 1:59 2:07 ROD NO. 7611
INDEXED G. J. GALLI DATE NOTES CHKD. T DREIER DATE SEP 23 '66
O 132.43
F.B. 3760 Pg. 25

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 24-02460 TO 24-02470
BM.24-02460				194				173	BM.24-02460
1	166	481	467 5	138 56	145	074	446 5	118 55	W.SPK. IN S.CB. TERMINAL WAY 5 FT. E. OF E. END CURB RETURN, S.E. COR. TYNA ST.
2	153	012	454 5	171 135 36	154	323	455 5	172 135 37	✓
				92 ✓				92	✓
								92	✓
BM 24-02470									T DREIER
	319	493	✓	92	299	397	✓	184	BM 24-02470 TERMINAL WAY & WAYS ST. S.E. COR. SQ. SPK. IN CURB 5 FT. E. OF CURB RETURN
	299	397	✓						
	+ 20	096	✓						

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403 Los Angeles County Engineering Bldg.

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F.B. 3760 Pg. 96 JOB NO. 0882.43

SURVEY OF ~~LA Co.~~ ~~PRECISE~~ LONG BEACH PRECISE LEVEL

SURVEY BY DREIER NOTES WORKMAN 9-2-66

INDEXED R. J. GALLI DATE

WEATHER OVERCAST INST. NO. 26716

TIME 10:38 10'49 ROD NO. 24/2

NOTES CHKD [illegible] DATE SEP 23 '66

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM 24-02470 TO 24-02460
BM. 24-02420					214	92					234		BM. 24-02470
1	168	063	469	5	122	88	188	104	469	5	142	92	TERMINAL WAY & WAY 3 ST. SE. COR,
													SQ. SPK. IN CURB 5 FT. E. OF E. END CB RET
												92 ✓	
BM 24-02460	168	063	✓				188	104	✓			184 ✓	T DREIER
							168	063	✓				BM. 24-02460
							20	041	✓				W. SPK IN S. CB. TERMINAL WAY 5' E.
													OF E. END CURB RETURN, S.E. COR
													TUNA ST.

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301-02 SURVEY OF L.A.-GG. PRECISE LEVEL NET — LONG BEACH — 088243

SURVEY BY G.E. DREISER — WEATHER HOT — INST. NO. 26216

NOTES BY WORKMAN — DATE 8-25-66 — TIME 2:10 — ROD NO. 2217

INDEXED — DATE — NOTES CHKD [illegible] — DATE SEP 23 '66

F.B. 376 Pg. 97

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.24-02470 TO 24-02489
B.M.24-02470				183				183	B.M.24-02470
1	155	381	456	5 127 56	155	000	456	5 127 56	TERMINAL WAY & WAYS ST. S.E.COR. SQ SPK IN CURB 5 FT. E. OF CURB RETURN
~~2~~	~~449~~	~~515~~	~~450~~	~~168 130 38~~					
				94				198 30	
2	148	273	449	5 163 133 30	183	010	484	5 168 94	
				86				86	✓
								86	✓ T. OREIER
Bm 24-02489									
	~~304 956~~			~~94~~	338	010	✓		172 Bm 24-02489 (INIL. E-8) 34 FT. S
	303 654	✓		~~88~~	303	654	✓		OF ℄ TERMINAL WAY & 7 FT. W.
				—	34	356	✓		OF ℄ BARRACUDA ST.

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WEATHER OVERCAST INST. NO. 9676
TIME 10:31 10:45 ROD NO. 9419
NOTES CHKD [signature] DATE SEP 23 '66

F.B. 3760 Pg. 98 JOB NO. 0882.43
SURVEY OF LONG BEACH PRECISE LEVEL NET
SURVEY BY DREIER NOTES WORKMAN 9-2-66
INDEXED C. J. GALLI DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 24-02489 TO 24-~~02533~~ 02470
B.M. 24-02489	175			217				184	B.M. 24-02489 (CITY L.A. WIL. E-8)
1	~~176~~	713	476.5	132 85	141	282	442.5	97 87	STD. TRAV. MON. 34 FT. S. OF ℄ TERMINAL WAY & 7 FT. W. OF ℄ BARRACUDA ST.
								85	
BM 24-~~02533~~ 02470	175	713	✓	85	141	282	✓	172	
	141	282	✓						T DREIER
+	34	431	✓						B.M. 24-~~02533~~ 02470
									TERMINAL WAY & WAYS ST. S.E. COR.
									SQ. SPK. IN CURB 5 FT. E. OF E. END C.R.

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 24-02489 TO 24-02533
Bm. 24-02489									B.M. 24-02489 (WIL. E-8)
1	159	000	460 5	196 122 74	131	825	432 5	169 93 76	34 FT. S. OF ℄ ~~INT.~~ TERMINAL WAY
									& 7 FT. W. OF ℄ BARRACUDA ST
2	158	672	459 5	191 125 66	174	537	475 5	207 141 66	
				140				142	
3	149	222	450 5	188 110 78	135	378	436 5	174 96 78	
				218				220	⊼ DREIER
4	161	920	462 5	191 130 61	160	315	461 5	189 130 59	
				279				279	
5	145	450	446 5	158 131 27	182	311	483 5	196 169 27	
				306				306	
								306	
Bm 24-02533	774	264		306	784	366		612	Bm 24-02533 (WIL. E 7C)
					774	264			STD TRAV. MON. 35 FT. S. ℄ TERMINAL
					10	102			WAY & ℄ FERRY ST.

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

SURVEY BY G.E. DREIER

NOTES BY WORKMAN DATE 8-25-66

INDEXED C. J. GALLI DATE

WEATHER HOT INST. NO. 96716

TIME 2:30 251 ROD NO. 9819

NOTES CHKD [signature] DATE

F.B. 3760 PG. 99

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 24-02533 TO BM. 24-02489
B.M. 24-02533									B.M. 24-02533 (WIL. E-7C CITY L.A)
1	211	683	512 5	255 168 87	183	123	484 5	227 140 87	STD. TRAY. MON 35 FT. S. OF ℄ INT
									TERMINAL WAY & FERRY ST.
2	155	175	456 5	202 108 94	164	100	455 5	201 107 94	
				181				181	
3	176	099	477 5	217 135 82	177	554	478 5	218 136 82	⊼ DREIER
				263				263	
4	154	432	455 5	176 131 45	172	462	473 5	193 151 42	
				308 ✓				305 ✓	
								308 ✓	
BM 24-02489	697	389 ✓			687	239 ✓		613 ✓	BM 24-02489 (WIL. E-8)
	687	239 ✓							34 FT. S. OF ℄ TERMINAL WAY
	+ 10	150 ✓							& 7 FT. W. OF ℄ BARRACUDA ST.

F.B. 3760 Pg. 100

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES WORKMAN 9-2-66

INDEXED C. J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 10:12 10:30 ROD NO. 9 & 19

NOTES CHKD [signature] DATE SEP 23 '68

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 24-02533 TO 24-02530
B.M. 24-02533				213				115	B.M. 24-02533 (WIL. E-7C, CITY LA)
1	186	885	487 5	158 55	88	730	389 5	62 53	STD. TRAV. MON. 35 FT. S. ℄ TERMINAL WAY & ~~5 FT E.~~ ℄ FERRY ST
								55	
BM 24-02530									
	186	885		~~55~~	88	730		108	
	88	730							⊼ DREIER
	98	155							B.M. 24-02530 (U.S.C.&G.S. D-766 1945) IN BASE OF FLAGPOLE, 188 W. & 198 N. OF TERMINAL WAY & FERRY ST.

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

SURVEY BY G.E. DREIER WEATHER HOT INST. NO. 9676

NOTES BY WORKMAN DATE 8-25-66 TIME 2:53 2:57 ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE SEP 23 '68

F.B. 3760 PG. 101

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3760 Pg. 102 JOB NO. 0882.43

SURVEY OF Long Beach Precise Levelnet

SURVEY BY Draper NOTES Workman 9-2-66

INDEXED C. J. Galli DATE

WEATHER Overcast INST. NO. 24716

TIME 10:05 10:11 ROD NO. 9419

NOTES CHKD DATE SEP 23 '66

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA			RIGHT	MIC.	LEFT.	STADIA			FROM 24-02530 TO 24-02533
BM.24-02530				118						216			BM.24-02530 (U.S.C.&G.S. D766 1945)
1	91	138	392	63	55		189	326	490	162	54		IN BASE OF FLAG POLE 188 FT. W. &
											55		198 N. OF TERMINAL WAY & FERRY ST.
BM 24-02533	91	138	✓				189	326	✓			109	
							91	138	✓				T DREIER
							98	188	✓				BM. 24-02533 (WIL. E-7C)
													STD. TRAV. MON. 35 FT. S. OF ℄
													INTER. TERMINAL WAY & FERRY ST.

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. 24-02530 TO 24-02546
B.M. 24-02530									B.M. 24-02530 (U.S.C. & G.S. D-766 1945)
1	91	234	392 5	116 65 51	157	665	458 5	183 131 52	IN BASE OF FLAG POLE, 188 W. & 198 N.
									OF TERMINAL WAY & FERRY ST.
2	174	305	475 5	204 144 60	155	175	456 5	184 126 58	
				111				110	
3	185	503	486 5	219 151 68	156	615	457 5	191 122 69	
				179				179	⊼ DREIER
4	174	999	475 5	208 140 68	206	020	507 5	241 172 69	
				247				248	
								247	B.M. 24-02546
Bm 24-02546	626	041			675	475		495	STD. TRAV. MON. ON ℄ FERRY ST., 416
					626	041			FT. S. OF SEASIDE AVE (4.8 E. OF WHITE LINE)
					49	434			

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

SURVEY BY G.B. DREIER WEATHER HOT INST. NO. 96716

NOTES BY WORKMAN DATE 8-25-66 TIME 2:58 3:15 ROD NO. 9819

INDEXED G.J. GALLI DATE NOTES CHKD. [illegible] DATE SEP 23 '68

F.B. 376d 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 24-02546 TO B.M. 24-02530
B.M. 24-02546													B.M. 24-02546 (CITY L.A.
1	206	203	507	5	247 165	82	162	635	463	5	203 121	82	STD. SUR. MON. ON ℄ FERRY ST. 416 FT S. OF SEASIDE AVE (4.8 FT. E. OF LINE)
2	95	720	396	5	162 38	114	153	850	454	5	210 97	113	
						196						195	
3	157	790	458	5	183 131	52	93	539	394	5	120 66	54	⊼ DREIER
						248 ✓						249 ✓	
												248 ✓	
BM 24-02530													
	459	713 ✓					410	024 ✓				497 ✓	BM 24-02530 (U.S.C.&G.S.D.-766)
	410	024 ✓											IN BASE OF FLAGPOLE 188 FT.
	+ 49	689 ✓											W. & 198 FT. N. OF TERMINAL WAY
													& FERRY ST.

WEATHER OVERCAST INST. NO. 96716
TIME 9:47 10:04 ROD NO. 9819
NOTES CHKD [signature] DATE SEP 23 '66

F.B. 3760 PG. 104 JOB NO. 0882.43
SURVEY OF LONG BEACH PRECISE LEVEL NET
SURVEY BY DREIER NOTES WORKMAN 9-2-66
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 24-02546 TO 24-02550
B.M. 24-02546									B.M. 24-02546
1	184	999	485 5	210 158 52	167	858	468 5	195 139 56	STD SUR. MON ON ℄ FERRY ST. 416 FT S. OF SEASIDE AVE (4.8' E. OF PAINTED LINE)
2	147	824	448 5	159 135 24	183	960	484	194 172 22	
								78	
								76	
BM 24-02550									π DREIER
	332	823		76	351	818		154	BM 24-02550 (WIL. E-7A)
					332	823			STD. TRAV. MON. 15 FT. S OF N.
					18	995			EDGE PAV. SEASIDE AVE. 160± E. OF FERRY ST.

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

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

NOTES BY WORKMAN DATE 8-25-66 TIME 3:18 3:30 ROD NO. 9819

INDEXED J. GALLI DATE NOTES CHKD. [illegible] DATE SEP 23 '66

F.B. 3760 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						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM 24-02550 TO 24-02546
B.M. 24-02550													B.M. 24-02550 (CITY LA WIL. E-7A
1	218	125	519	5	260 176	84	199	150	500	5	242 155	87	STD. TRAV. MON. 15 FT. S. OF N. EDGE PAV.
													OF SEASIDE AVE. 160± FT. E. OF FERRY ST.
												84	
Bm 24-02546													π DREIER
	218	125					199	150				171	B.M. 24-02546
	199	150											STD. SUR. MON. ℄ FERRY ST. 416 FT.
	+ 18	975											S. OF SEASIDE

WEATHER OVERCAST INST. NO. 96716

TIME 9:35 9:45 ROD NO. 9417

NOTES CHKD [illegible] DATE SEP 23 '66

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES WORKMAN 9-2-66

INDEXED C. I. GALLI DATE

P.B. 3760 PG. 106

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 24-02550 TO 24-02570
B.M. 24-02550				237		000	427 5	179	B.M. 24-02550 (WIL. E-7A)
1	184	~~130~~ 600	485 5	131 106	126	~~400~~	~~426 5~~	73 106	STD. TRAV. MON. 15 FT. S. OF N. EDGE PAV.
									SEASIDE AVE. 160± E. OF FERRY ST
2	123	773	424 5	127 120 7	90	325	391 5	94 87 7	
				113				113	
								113	⊼ WILKS
Bm 24-02570								226	
	308	373			216	325			B.M. 24-02570 (U.S.C.&G.S. K-97 1932)
	216	325							DISC IN FACE OF SEWER PUMPING PLANT
+	92	048							55 FT. S. OF SEASIDE AVE., 65 FT. W. OF
									℄ HARRIS PROD.

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 WORKMAN DATE 8-26-66 TIME 8:42 8:52 ROD NO. 9818

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE 8-23-66

F.B. 3760 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 24-02570 TO 24-02550
BM. 24-02570									B.M. 24-02570 (U.S.C.&G.S. K-97 1932)
1	91	885	392 5	95 88 7	125	700	426 5	129 122 7	DISC IN N. FACE OF SEWER PUMPING
									PLANT 55 FT. S. OF SEASIDE AVE 65 FT. W
2	128	980	429 5	181 75 106	187	230	488 5	240 134 106	OF ℄ HARRIS PL. PROD
				113				113 ✓	
								113 ✓	
BM 24-02550									π WILKS
	220	865 ✓			312	930 ✓		226 ✓	
					220	865 ✓			BM 24-02550 (WIL. E-7A)
					92	065 ✓			SEASIDE AVE. 160'± EAST
									OF FERRY ST.

F.B. 3760 PG. 108

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES WORKMAN 8-26-66

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 8:30 8:40 ROD NO. 9819

NOTES CHKD [illegible] DATE SEP 23 '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 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. 24-02570 TO 24-05050
B.M. 24-02570									B.M. 24-02570 (U.S.C.& G.S. K-97 1932)
1	87	835	388 5	91 / 84 7	127	865	428 5	131 / 123 8	DISC IN N. FACE OF SEWER PUMPING PLANT PROD. 55 FT. S. OF SEASIDE AVE, 65 FT. W. & HARRIS
2	128	975	429 5	179 / 77 102	168	240	469 5	220 / 116 104	
				109				112	
3	148	931	449 5	172 / 124 48	169	346	470 5	192 / 146 46	⊼ WILKS
				157				158	
								157	
BM 24-05050									BM 24-05050 (WIL. F-6A)
	365	741		157	465	451		315	SEASIDE AVE 525'± EAST OF MORMON AVE.
					365	741			
					99	710			

0882.43

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

SURVEY BY G. E. DREIER

NOTES BY WORKMAN DATE 8-26-66

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO 96716

TIME 8:55 9:12 ROD NO. 9819

NOTES CHKD [signature] DATE SEP 23 '66

F.B. 376d PG. 109

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

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Do not extend notes this side of this line.

F.B. 3760 Pg. 110
JOB NO. 0882.43
SURVEY OF LONG BEACH PRECISE LEVEL NET
SURVEY BY DREIER NOTES 9-2-66 WARKMAN
INDEXED G.J. GALLI DATE
WEATHER OVERCAST INST. NO. 96716
TIME 9:16 9:27 ROD NO. 9819
NOTES CHKD [illegible] DATE SEP 23 '66

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 24-05050 TO 24-02570
B.M. 24-05050			235			187	B.M. 24-05050 (CITY L.A. WIL F-6A)
1	178 021	474 5	122 113	130 830	431 5	73 114	STD. TRAV. MON. 22.8 FT. S. OF N. EDGE PAV.
	173		194			141	OF SEASIDE AVE. 525± E. OF MORMON AVE.
2	~~176~~ 875	4745	152 42	121 542	4225	101 40	
			155	✓		154 ✓	
						155 ✓	T WILKS
BM 24-02570							
	351 896 ✓			252 372	✓	309 ✓	BM 24-02570 (USC&GS K-97)
	252 372 ✓						SEASIDE AVE. @ SEWER
	+ 99 524 ✓						PUMPING PLANT

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 FILLED 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. 24-05050 TO 24-05010
B.M. 24-05050									B.M. 24-05050 CITY L.A. WIL. F-6A
1	221	490	522 5	269 173 96	190	580	491 5	239 141 98	STD. TRAV. MON. 22.8 FT. S. OF N. EDGE OF
									PAV. OF SEASIDE AVE 525± E. OF MORMON AVE
2	129	610	430 5	180 78 102	148	330	449 5	199 97 102	
				198				200	
3	162	582	463 5	190 134 56	178	338	479 5	204 151 53	π WILKS
				254 ✓				253 ✓	
								254 ✓	
BM 24-05010									BM 24-05010 (WIL. F-6)
	513	682 ✓			517	248 ✓		507 ✓	℄ SEASIDE AVE; 0.4 MI E.
					513	682 ✓			MORMON ST.
				-	3	566 ✓			

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

SURVEY BY G. E. DREIER

NOTES BY WORKMAN DATE 8-26-66

INDEXED G. J. GALLI DATE

WEATHER WARM INST. NO. 96716

TIME 9:15 9:31 ROD NO. 9 & 19

NOTES CHKD [signature] DATE SEP 23 '66

F.B. 3760 PG. 111

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3760 PG. 112 JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Net

SURVEY BY Reeves NOTES Workman 8-29-66

INDEXED C. J. GALLI DATE

WEATHER Warm INST. NO. 96716

TIME 3:12 5:30 ROD NO. 9819

NOTES CHKD [illegible] DATE 8/23/66

STATION	BACKSIGHT RIGHT	MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 24-05010 TO 24-05050
B.M. 24-05010				210				191	B.m. 24-05010 (City L.A. Wil. F-6)
1	181	232	482 S	152 58	162	610	463 S	133 58	STD. TRAV. MON. 0.42 MI. E. OF MORMON
				165				171	ST. 17.5 FT. W'LY OF FIRE HYDRANT
2	139	482	440 S	113 52	145	063	446 S	119 52	
				204 110				180 110	
3	178	078	479 S	153 51	156	990	457 S	130 51	T WILKS
				161				161	
4	178	840	479 S	206	173	337	474 S	201	
				150 56				145 56	
				168 217				204 217	
5	150	782	451 S	132 36	186	684	487 S	168 36	
				253				253 ✓	
BM 24-05050								253 ✓	BM 24-05050 (City L.A. Wil. F 6A)
	828	414 ✓			824	684 ✓		506	STD. TRAV. MON. 22.8 FT. S. OF N.
	824	684 ✓							EDGE OF PAVE. OF SEASIDE AVE.
+	3	730 ✓							525 ± E. OF MORMON ST.

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

4-219

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 24-05010 TO L.BHD. 891
Bm. 24-05010									B.M. 24-05010 (WIL. F-6)
1	198	910	499 5	233 163 70	149	780	450 5	184 114 70	℄ SEASIDE AVE. 0.4 MI. E. OF MORMON ST.
2	172	060	473 5	209 135 74	185	706	486 5	222 149 73	
				144				143	⊼ WILKS
3	113	505	414 5	150 76 74	193	861	494 5	229 157 72	
				218				215	
								218	
Bm LBH 891									B.M. L.B.H.D. 891
	484	475		218	529	347		433	SEASIDE AVE AT CITY L.A - L.B. BDRY
					484	475			SPK IN N. CURB AT S.W. COR OF C.B.
					44	872			

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

SURVEY BY G.E. DREIER

NOTES BY WORKMAN DATE 8-26-66 WEATHER WARM INST. NO. 96716

INDEXED C.J. GALLI DATE TIME 9:35 9:45 ROD NO. 9 & 19

NOTES CHKD [signature] DATE SEP 23 '66

F.B. 3760 PG. 113

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 26716 ROD NO. 2819 DATE SEP 23 '66

WEATHER WARM TIME 2:55 3:10 NOTES CHKD [illegible]

F.B. 3760 Pg. 114 JOB NO 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES WORKMAN 8-24-66

INDEXED C. J. GALLI DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. L.B.H.D 891 TO 24-05010
B.M. L.B.H.D 891	199			235				153	B.M. L.B.H.D. 891
1	~~200~~ 410		500	5 163 72	117	810	418	5 81 72	SEASIDE AVE AT CITY L.A.-L.B. BDRY.
									SPK IN N. CURB AT S.W. COR OF C.B.
2	187	010	488	223 151 72	174	230	475	211 138 73	
				191 144				240 165	
3	155	270	456	5 119 72	204	760	505	5 168 72	T WILKS
				216				217	
								216	
BM 24-05010									BM 24-0501 0 (WIL. F-6)
	541	690			496	800		433	& SEASIDE AVE. 0.4 MI. E.
	496	800							OF MORMON ST.
+	44	890							

76P526 CE # 308 3-61

PLEASE RETURN TO

6-307 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.

0882.43 LONG BEACH

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

SURVEY BY G.E. OREGG

NOTES BY WORKMAN DATE 8-26-66 WEATHER WARM

C. J. GALLI DATE TIME 9:47 INST. NO. 26716

INDEXED NOTES CHKD DATE SEP 23 '66 ROD NO. 1819

F.B. 3760 Pg 15

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. L.B.H.D. 891 TO 24-04890
B.M. L.B.H.D 891									B.M. L.B.H.D. 891
1	159	733	460	5	155	883	456	5	SEASIDE AVE AT L.A.-L.B. CITY BDRY
				190 128 62				187 123 64	SPK IN N. CURB AT SW. COR OF C.B.
2	132	050	433	5	153	200	454	5	
				163 101 62				184 122 62	
				124				126	
3	157	058	458	5	180	750	481	5	
				190 123 67				213 147 66	
				191				192	T WILKS
4	153	594	454	5	162	913	463	5	
				187 119 68				195 129 66	
				259				258	
5	132	488	433	5	165	360	466	5	
				155 108 47				189 142 47	
				306				305	
								306	
BM 24-04890									BM 24-04890
	734	923		306	818	106		611	OCEAN AVE OPPOSITE GATE #1
				-	734	923			SPK IN N. CURB
				-	83	183			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3760 PG. 116 JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Net

SURVEY BY Orsier NOTES Workman 8-29-66

INDEXED C.J. Gall DATE

WEATHER Warm INST. NO. 26716

TIME 2:37 ROD NO. 784

NOTES CHKD [illegible] DATE SEP 23 '66

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 24-04890 TO L.B. HD. 891
B.M. 24-04890									B.m. 24-04890
1	185	126	486 5	218 153 65	148	445	444 5	176 111 65	OCEAN AVE. OPPOSITE GATE # 1
									SPK. IN N. CURB
2	150	950	451 5	182 118 64	134	325	435 5	166 102 64	
				129				129	
3	172	564	473 5	200 144 56	162	947	463 5	190 134 56	
				185				185	T WILKS
4	149	400	450 5	176 122 54	133	880	434 5	161 105 56	
				239				241	
5	157	443	458 5	186 128 58	157	810	458	186 128 58	
				297 ✓				299 ✓	
B.M. L.B.H.D. 891 ~~948~~								297 ✓	B.M. L.B.H.D. 891
	816 483 ✓				732 407 ✓			596	SEA SIDE AVE & L.B.-L.A. BDRY
	732 407 ✓								SPK IN N. CURB AT S.W. COR C.B.
+	83 076 ✓								

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

3-156

Do not extend notes this side of this line.

JOB NO. 0882.43 SURVEY OF LONG BEACH
SURVEY BY G.G. OBEIEC SURVEY OF L.A.CO. PRECISE LEVEL NET
NOTES BY WACKMAN DATE 8-26-66 WEATHER WARM INST. NO 96716
INDEXED R.J. GALLI DATE TIME 10:07 10:15 ROD NO 984
NOTES CHKD DATE SEP 23 '66
F.B. 3760 Pg. 117

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 24-04890 TO L.B.H.D 848
Bm. 24-04890				181				188	Bm. 24-04890
1	153	658	454 S	124 57	159	160	460 S	131 57	OCEAN AVE OPPOSITE GATE #1
				155				193	SPK IN N. CURB
2	125	840	426 S	95 60	163	417	464 S	132 61	
				183 117				195 118	
3	164	000	465 S	145 38	176	141	477 S	158 37	T WILKS
				155 ✓				155 ✓	
								155 ✓	
Bm LON 848									Bm L.B.N. 848 (L.A. 24-04870)
	443 498	✓			498 718	✓		310	(OCEAN AVE?) SEASIDE AVE & HENRY FORD AVE. N.W. COR
					443 498	✓			BRASS NAIL IN LEAD IN N. WALL OF C.B.
					55 220	✓			

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INST. NO. 96716 ROD NO. 2 E 19 DATE SEP 23 '66

WEATHER WARM TIME 2:20 2:35 NOTES CHKD DLW

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES WORKMAN 8-29-66 C. J. GALLY DATE

INDEXED JOB NO. 0882.43

F.B. 3760 PG. 118

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM L.B.H.D. 848 TO 24-04890
B.M. L.B.H.D 848			195			174	B.M. L.B.H.D. 848 L.A. 24-04870
1	165 660	466 5	135 60	144 955	445 5	114 60	SEASIDE AVE & HENRY FORD AVE, N.W. COR.
			207 50			173	BRASS NAIL IN LEAD IN N. WALL OF C.B.
2	182 131	483 5	157 ~~40~~	148 518	449 5	123 50	
			180			110	
			175			174	
3	157 700	458 5	139 36	156 680	457	138 38	T WILKS
			146 ✓	✓		148 ✓	
B.M. 24-04890		✓			✓	146	B.M. 24-04890
	505491	✓		450153		294 ✓	OCEAN (OR SEASIDE?) OPPOS. GATE 1
	450 153	✓					SPK IN N. CURB
+	55338	✓					

76P526 CE # 308 3-65

5-230

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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.H.D 848 TO L.B.H.D. 841R
BM. LBHD 848				102				168	BM. L.B.H.D 848 (LA. 24-04870)
1	135	973	436 5	168 66	201	874	502 5	234 66	SEASIDE AVE & HENRY FORD AVE., N.W. COR.
				142				126	BRASS NAIL IN LEAD IN N. WALL OF CATCH BASIN
2	178	967	479 5	214 72	143	538	444 5	179 73	
				138				139	
				84				118	
3	121	107	422 5	158 74	155	507	456 5	192 74	
				212				213	
LBHD 841R								212	LBHD 841R (LA. 24-11172)
	436	047			500	919		425	AT WELL # W-71
					436	047			
					64	872			

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

SURVEY BY DREIER

NOTES BY WILKS DATE 8-26-66

INDEXED C. J. GALLI DATE

WEATHER CLEAR

TIME 10:10 - 10:30

NOTES CHKD [signature]

INST. NO. 96716

ROD NO. 9 & 19

DATE SEP 23 '68

F.B. 3760 PG. 119

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INST. NO. 96716 ROD NO. 2819 DATE SEP 23 '66
WEATHER CLEAR TIME 2:45 - 3:00 NOTES CHKD [illegible]

F.B. 3760 Pg. 120 JOB NO. 0882.43
SURVEY OF LONG BEACH PRECISE LEVEL NET
SURVEY BY DREIER NOTES WILKES (8-26-66)
INDEXED C. J. GALLI DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM L.B.HD. 841 R TO ~~L.B. 848~~ 24-05090
B.M. L.B.H.D. 841R					105						75		B.M. L.B.H.D. 841R (24-11172)
1	140	789	441	5	176	71	110	873	411	5	145	70	SEASIDE AVE, 200 FT. S. OF, & 200 FT W. OF GATE 3
2	138	737	439	5	102 / 174	72	148	969	449	5	113 / 183	70	CHIS. SQ ON W BOLT OF WELL No. W71
3	171	708	472	5	138 / 205	143 / 67	126	513	427	5	90 / 161	140 / 71	
						210 ✓						211 ✓	
B.M. ~~L.B.H.D.~~ L.B.H.D. 848												210 ✓	L.B.H.D. 848 (L.A. 24-04870)
	451	234	✓				386	355	✓			421 ✓	SEASIDE & HENRY FORD AVE.
	386	355	✓										BRASS NAIL IN LEAD IN N. WALL N.W. COR OF C.B.
+	64	879	✓										

76P526 CE # 308 3-65

3-120

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JOB NO. 8882.43 LONG BEACH
SURVEY BY G. E. DREIER
NOTES BY WICKS DATE 8-26-66
INDEXED G. J. GALLI DATE
SURVEY OF L.A. CO. PRECISE LEVEL NET
WEATHER CLEAR
TIME 10:30 - 10:40
NOTES CHKD DATE SEP 2 7 '66
INST. NO. 9674
ROD NO. 9819
F.B. 3760 PG. 121

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM L.B.H.D. 841 R TO 24-05090
L.B.H.D. 841R				64				200	B.M. L.B.H.D. 841R (24-11172)
1	89	819	390 5	114 50	226	801	527 5	252 52	SEASIDE AVE 200 FT. W. OF GATE № 3
2	142	003	443 5	109 175 66	160	541	461 5	127 193 66	CHISEL CUT ON U BOLT 7FT. E. & 15 FT. N. OF
3				116				118	CTR. OIL WELL № W-71
BM 24-05090								114	BM 24-05090 (WIL. I-5C)
	231	822	✓		388	342 ✓		234	OCEAN AVE E. OF GATE 3
					231	822 ✓			
					156	520 ✓			
					RERUN 9-2-66				
H.D. 841R				62				190	BM L.B.H.D. 841R
1	85	540	386 5	118 56	223	945	524 5	256 66	
	145	407	446 5	117 173 56	162	792	463 5	138 185 47	
				112 ✓				213 ✓	
BM 24-05090								112 ✓	BM 24-05090 (WIL. I-5C)
	230	947 ✓			386	737 ✓		225	
					230	947 ✓			
					155	790 ✓			

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F.B. 3760 PG. 122 | JOB NO. 0882.43 | SURVEY OF LONG BEACH PRECISE LEVEL NET | SURVEY BY DESIER | NOTES WILES (8-26-66) | INDEXED C. J. GALLÉ | DATE

WEATHER CLEAR | INST. NO. 96216 | TIME 2:30a - 2:40 | ROD NO. 2 & 3 | NOTES CHKD [illegible] | DATE SEP 21 '66

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM 24-05090 TO L.B.H.D 841R
B.M. 24-05090					144						116		B.M. 24-05090 (WIL I-5C)
1	173	686	474	5	202	58	146	978	447	5	174	60	OCEAN AVE E. OF GATE 3
					182						52		
2	213	600	514	5	244	62	84 ✓	592	385	5	115	63	
						120						123 ✓	
B.M. L.B.H.D 841R												120	L.B.H.D. 841R (LA24-11172)
	387	286	✓				231	570	✓			243	SEA SIDE (OR OCEAN?), 200 FT. S. OF,
	231	570	✓										AND 200 FT. W. OF GATE 3
+	155	716	✓										CHIS. SQ ON U BOLT WELL W-71

76P526 CE # 308 3-65

4-215

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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 24-05090 TO 24-11212
BM. 24-05090				163				139	B.M. 24-05090 (WIL. 1-5C)
1	192	665	493 5	221 58	168	868	469 5	197 58	OCEAN AVE (OR SEASIDE ?) E. OF GATE 3
				100				177	
2	131	138	432 5	162 62	208	812	509 5	239 62	
				88 120				181 120	
3	117	061	418 5	146 58	211	000	512 5	241 60	
				159 178				134 180	
4	183	979	484 5	208 49	159	549	460 5	184 50	
				227				230	
BM 24-11212								227	BM 24-11212 (LBHD 834 R)
	628	843			748	229		~~557~~ 457	AT WELL #98
					624	843			
					123	386			

0882.43 LONG BEACH

JOB NO. ~~[illegible]~~ SURVEY OF ~~L.A. CO.~~ PRECISE LEVEL NET

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

NOTES BY WILKS DATE 8-26-66 TIME 10:40 - 11:00 ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE SEP 23 '66

F.B. 3760 PG. 123

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F.B. 3760 Pg. 124 JOB NO. 0882.43
SURVEY OF Long Beach Precise Level Net
SURVEY BY Dreier NOTES Wilkes (8-26-66)
INDEXED C. J. Gall DATE
WEATHER Clear INST. NO. 94716
TIME 2:10 - 4:30 ROD NO. 1819
NOTES CHKD [illegible] DATE SEP 23 '68

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM 24-11212 TO 24-05090
B.M. 24-11212				146					155		B.M. 24-11212 (L.B.H.D 834 R)
1	170	760	471	195	49	179	548	480	203	48	OCEAN AVE. W. OF GATE 5
				174					84		CHIS. SQ. N. OF WELL NO. W 98
2	204	823	505	234	60	114	057	415	144	60	
				178	109				104	108	
3	211	541	512	244	66	136	870	437	168	64	
				136	175				870	172	
4	164	743	465	192	56	198	139	499	225	55	
					231					227	
B.M. 24-05090										231	B.M. 24-05090 (WIL. I-5C)
+	751	867	✓			628	614	✓		458	OCEAN AVE E. OF GATE 3
−	628	614	✓								
+	123	253	✓								

76P526 CE # 308 3-65

5-170

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

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JOB NO. 0882-43 SURVEY OF L.A. CO. PRECISE LEVEL NET — LONG BEACH
SURVEY BY C.E. DREIER — WEATHER Clear — INST. NO. 24716
NOTES BY Wilkes — DATE 8-26-66 — TIME 11:00 - 11:10 — ROD NO. 249
INDEXED — DATE — NOTES CHKD — DATE SEP 23 '66
F.B. 3760 Pg. 125

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM 24-11212 TO 24-05150
BM 24-11212				141				199	B.M. 24-11212 (L.B.HD 834R)
1	166	300	467 5	191 50	229	621	530 5	259 60	CHIS SQ N. OF WELL No. W 98
				139				54	WEST OF GATE 5, S. OF OCEAN
2	157	379	458 5	175 34	68	270	369 5	82 28	
				½ 280 84				½ 4 88	
3	297	205	598 5	297 34	4	856	305 5	21 34	
				24 120				76 122	
4	275	600	576 5	289 28	90	549	391 5	104 28	
				169 148				149 150	
5	186	755	487 5	203 34	164	215	465 5	180 32 ✓	
				182 ✓				182	
BM 24-05150								182 ✓	BM 24-05150 (W14. I-5D)
	1083 239 ✓				557 511 ✓			364 ✓	OCEAN AVE E. OF EDISON RAMP
	557 511 ✓								
+	525 728 ✓								

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INST. NO. 962716 ROD NO. 1819 DATE SEP 23 '86

WEATHER CLEAR TIME 1:50 - 2:10 NOTES CHKD [illegible]

F.B. 3760 PG. 126 JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Net

SURVEY BY Dreier NOTES Wilks (8-26-86)

INDEXED C. J. Galli DATE

STATION	BACKSIGHT				STADIA		FORESIGHT				STADIA		DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.				RIGHT	MIC.	LEFT.				FROM 24-05150 TO 24-11212
BM 24-05150		2			152						1/2 256		B.M. 24-05150 WIL I-5 (D)
1	177	156	478	S	202	50	283	764	584	S	283	54	OCEAN AVE E. OF EDISON RAMP
					34						236		
2	47	488	348	S	60	26	245	022	546	S	256	20	
					1/2 10	76					247	74	
3	10	640	311	S	25	30	262	210	563	S	278	31	
					118	106					136	105	
4	141	541	442	S	144	46	158	816	459	S	180	44	
					282	152					182	149	
5	249	276	550	S	266	34	201	840	502	S	220	38	
						186	✓					187 ✓	
BM 24-11212 (was 05150)												186	B.M. 24-11212 (L.B.H.D. 834R)
	626	101	✓				1151	652	✓			373	OCEAN AVE W. OF GATE NO 5
							626	101	✓				CHISELED SQ N. OF WELL W-98
							525	551	✓				

76P526 CE # 308 3-65

U-233

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JOB NO. 0501.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — Long Beach — 0.82.43
SURVEY BY G. E. DREIER — WEATHER CLEAR — INST. NO. 36216
NOTES BY N 1443 C. J. GALLI — DATE 8-26-66 — TIME 1:05 - 1:25 — ROD NO. 2419
INDEXED — DATE — NOTES CHKD — DATE SEP 23 '66
F.B. 3760 Pg. 127

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM 24-05150 TO L.B.H.D. 1642
BM 24-05150				167					96		BM. 24-05150 (WIL 1-5D)
1	200	314	501	5 232	65	128	141	429	5 160	64	OCEAN AVE, E. OF EDISON RAMP
2	191	481	492	166 216	50	102	940	403	76 128	52	
3	182	220	483	159 205	46	84	025	385	5 61 107	46	
4	237	669	538	5 202 272	70 231 ✓	261	720	562	5 225 297	72 234 ✓ 231 ✓ 465 ✓	
BM 1642											L.B.H.D. 1642
	811	684 ✓				576	826 ✓				S.W. COR. PONTOON BRIDGE
	576	826 ✓									
+	234	858 ✓									

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM L.B.H.D. 1642 TO 24-05150
Bm. L.B.H.D. 1642					230						189		L.B.H.D. 1642
1	263	192	564	5	296	66	222	599	523	5	255	66	S.W. COR PONTOON BR., CHIS. SQ.
					62						163		
2	82	275	383	5	102	40	184	072	485	5	205	42	
					94	106					180	108	
3	118	999	419	5	142	48	204	322	505	5	228	48	
					122	154					160	156	
4	142	880	443	5	162	40	181	961	482	5	202	42	
					171	194					221	198	
5	191	359	492	5	211	40	240	455	541	5	259	38	
						234 ✓						236 ✓	
BM 24-05150												234 ✓	BM 24-05150 (WIL. I-5D)
	798	705 ✓					1033	409 ✓				470 ✓	OCEAN AVE. E. OF EDISON RAMP
							798	705 ✓					
						—	234	704 ✓					

F.B. 3760 PG. 128

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES WILKS (8-26-66)

INDEXED C. J. GALLI DATE

WEATHER HAZY INST. NO. 96716

TIME 1:25-1:50 ROD NO. 9819

NOTES CHKD. [illegible] DATE SEP 23 '66

76P526 CE # 308 3-65

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Do not extend notes this side of this line. RECIPROCAL

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — LONG BEACH — 0882.43
SURVEY BY G.E. DREIER — WEATHER QUIESCENT — INST. NO. 26716
NOTES BY G.E. DREIER — DATE 9-2-66 — TIME 8:35 TO 8:40 — ROD NO. 989
INDEXED G.J. GALLI — DATE — NOTES CHKD. [illegible] — DATE SEP 26 '66
F.B. 3760 Pg. 129

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM L.B.H.D. 1642 TO L.B.H.D. 1639
Bm. L.B.H.D. 1642						out of level 259 ½ 180	B.M. L.B.H.D. 1642
1	265 623	566 5	268 262 6	242 999	543 5	½ 158	S.W. COR. PONTOON BRIDGE, CHIS. SQ.
L.B.H.D. 1639							B.M. L.B.H.D. 1639
L.B.H.D. 1642 1	276 800	577 5	½ 276 198 150	253 830	554 5	255 251 4	N.E. COR PONTOON BRIDGE, BRASS SCREW IN LEAD
L.B.H.D. 1639	542 423 ✓		162 ✓	496 829 ✓		162 ✓	
	496 829 ✓					162 ✓	
	+ 45 594					324 ✓	
	½ = + 22 797 ✓					½ = 162 ✓	
~~Bm~~							

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Do not extend notes this side of this line.

RECIPROCAL

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 1639 TO L.B.H.D. 1642
B.M. L.B.H.D 1639									B.M. L.B.H.D. 1639
1	255	527	556 5	258 253 5	278	400	579 5	278 200 156	N.E. COR PONTOON BRIDGE BRASS SCREW IN LEAD IN CONC. ABUTMENT
L.B.H.D. 1642									
L.B.H.D. 1639									
1	240	880	541 5	OUT OF LEVEL 259 ½ 180 158	263	737	564 5	266 260 6	
L.B.H.D. 1642									B.M. H.D. 1642
	496	407		163	542	137		162	S.W. COR PONTOON BRIDGE
					496	407		163	CHISELED SQ.
				-	45	730		325	
				½ =	22	865		½ = 162	

F.B. 3760 PG. 130

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-2-66

INDEXED C. J. GALD DATE

WEATHER OVERCAST INST. NO. 96716

TIME 8:45 TO 8:55 ROD NO. 9819

NOTES CHKD. [illegible] DATE SEP 26 '66

76P526 CE # 308 3-65

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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 L.B.H.D. 1639 TO L.B.H.D. 1836
L.B.H.D. 1639									B.M. L.B.H.D. 1639
1	158	731	459 5	196 120 76	141	781	442 5	179 103 76	N.E. COR PONTOON BRIDGE, BRASS SCREW IN LEAD IN CONC. ABUTMENT
2	28	603	329 5	40 15 25 101	203	583	504 5	215 190 25 101	⊼ WILKS
3	133	762	434 5	137 129 8 109	144	660	445 5	148 140 8 109	
L.B.H.D. 1836								109	B.M. L.B.H.D. 1836
	321	096			490	024		218	BRASS SCREW IN LEAD IN CONC.
					321	096			N. OF CTR WELL No MZZZD
					168	928			

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

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

NOTES BY G.E. DREIER DATE 9-6-66 TIME 9:43 TO 9:56 ROD NO. 9819

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

F.B. 3760 PG. 131

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM L.B.H.D. 1836 TO L.B.H.D. 1639
L.B.H.D. 1836													B.M. L.B.H.D. 1836
1	249	812	550	5	273 225	48	53	663	354	5	78 29	49	BRASS SCREW IN LEAD N. OF CTR OF WELL NO M222D
2	133	000	434	5	155 111	44 92	154	352	455	5	176 132	44 93	
3	152	369	453	5	161 143	18 110	158	292	459	5	167 149	18 111	
B.M. L.B.H.D. 1639												110	B.M. L.B.H.D 1639
	535	181					366	307				221	N.E. COR PONTOON BRIDGE
	366	307											BRASS SCREW IN CONC. ABUT.
+	168	874											

F.B. 3760 PG. 132

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (9-12-66)

INDEXED C. J. GALLI DATE

JOB NO. 0882.43

WEATHER SUNNY INST. NO. 96716

TIME 09:50 TO 10:05 ROD NO. 9819

NOTES CHKD [signature] DATE SEP 26 '66

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM L.B.H.D. 1836 TO L.B.H.D. 1729
L.B.H.D. 1836							L.B.H.D. 1836
1	178 092	479 5	224 132 92	80 532	381 5	125 135 90	BRASS SCREW IN LEAD IN CONC.
							N. OF CTR. OF WELL NO M 222D
2	178 880	479 5	222 134 88 180	72 521	373 5	117 27 90 180	
							⊼ WILKS
3	184 300	485 5	242 126 106 296	143 050	444 5	200 85 115 295	
4	252 273	553 5	275 229 46 342	3 561	304 5	½ 23 3 40 335	
5	276 926	577 5	288 264 24 366	7 687	308 5	½ 22 7 30 365	
6	300 231	601 5	½ 300 285 30 396	44 811	345 5	60 29 31 396	
7	248 652	549 5	268 228 40 436	65 813	366 5	84 45 39 435	
L.B.H.D. 1729						436	L.B.H.D. 1729
							OCEAN BLVD. & ?
	1619 354			417 975		867 871	BRASS SCREW IN LEAD IN CTR. DIV.
	417 975						ABOVE W. ABUTMENT
+	1201 379						

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

SURVEY BY G.E. DREIER

NOTES BY G. E. DREIER DATE 9-6-66

INDEXED L. J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 9:55 TO 10:23 ROD NO. 9819

NOTES CHKD. [signature] DATE SEP 26 66

F.B. 3760 PG. 133

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM L.B.H.D. 1729 TO L.B.H.D. 1836
B.M. L.B.H.D. 1729									L.B.H.D. 1729
1	44	875	345 5	70 18 52	285	262	586 5	1/2 285 260 50	OCEAN BLVD & ST. W. of FRWY
									BRASS SCREW IN LEAD IN CTR DIV.
2	44	040	345 5	64 24 40	298	121	599 5	1/2 298 280 36	ABOVE W. ABUTEMENT.
				92				86	
3	55	385	356 5	69 41 28	301	087	602 5	1/2 301 286 30	
				120				116	
4	50	846	351 5	65 35 30	242	715	543 5	260 226 34 ~~28~~	
				150				150	
5	126	140	427 5	160 92 68	130	931	431 5	164 96 68	
				218				218	
6	84	000	385 5	117 50 67	185	594	486 5	219 152 67	
				285				285	
7	108	704	409 5	143 73 70	183	569	484 5	219 148 71	
				355				356	
8	101	349	402 5	131 71 60	165	228	466 5	194 136 58	
				415				414	
9	129	031	430 5	148 111 37	153	268	454 5	171 135 36	
				452				450	
L.B.H.D. 1836								452	L.B.H.D. 1836
	744	570			945	775		902	
					744	370			
					201	405			

WEATHER cloudy - sun INST. NO. 96776

TIME 09:05 TO 09:40 ROD NO. 9819

NOTES CHKD [signature] DATE SEP 26 '68

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (9-12-66)

INDEXED C. J. GALLI DATE

F.B. 3760 PG. 134

76P526 CE # 308 3-65

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403 Los Angeles County Engineering Bldg.

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Do not extend notes this side of this line.

JOB NO. 0882.43 LONG BEACH
SURVEY BY G.E. DREIER SURVEY OF L.A.CO. PRECISE LEVEL NET
NOTES BY G.E. DREIER DATE 9-6-66 TIME 9:25 TO 9:30 WEATHER OVERCAST INST. NO. 2616
INDEXED J. GALLI DATE NOTES CHKD DATE ROD NO. 2619 SEP 26 '66
F.B. 3760 PG. 135

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B.H.D. 1729 TO L.B.H.D. 1731
L.B.H.D. 1729									L.B.H.D 1729
				114				144	OCEAN BLVD. & ST. W. OF L.B. FRWY.
1	70999		3715	26 88 ✓	100303		4015	56 88	BRASS SCREW IN LEAD IN CTR. DIV. ABOVE
								88	"N." ABUT.
L.B.H.D. 1731									L.B.H.D. 1731
	70999 ✓				100303 ✓			176	OCEAN BLVD & L.B. FRWY. W. SIDE
					70999 ✓				BRASS SCREW IN LEAD IN CTR. DIV.
					29304 ✓				

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 1731 TO L.B.H.D. 1729
L.B. 1731									L.B.H.D. 1731
1	98	165	399 5	142 54 88	68	863	369 5	112 24 88	OCEAN BLVD. & L.B. FRWY., W. SIDE
								88	BRASS SCREW IN LEAD ON CTR. DIV.
2									
L.B.H.D. 1729									L.B.H.D. 1729
	98	165	✓		68	863	✓	176	
	68	863	✓						
	29	302	✓						

WEATHER cloudy INST. NO. 96716

TIME 09:00 TO 09:05 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 - (9-12-66)

INDEXED C. J. GALLI DATE

F.B. 3760 PG. 136

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 L.B.H.D. 1731 TO L.B.H.D. 1737
L.B.H.D. 1731									L.B.H.D. 1731
1	126	008	427 5	184 68 176	88	703	389 5	145 31 114	OCEAN BLVD. & L.B. FRWY W. SIDE BRASS SCREW IN LEAD IN CTR DIVIDER A
L.B.H.D. 1737								116 230	L.B.H.D. 1737
	126	008			88	703			OCEAN BLVD. & L.A. RIVER, E. SIDE
	88	703							BRASS SCREW IN LEAD IN CTR DIV.
	+ 37	305							ABOVE E. ABUTMENT

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

SURVEY BY G.E. DREIER

NOTES BY " " DATE 9-6-66

INDEXED [illegible] DATE

WEATHER OVERCAST

TIME 7:30 TO 9:33

NOTES CHKD [illegible]

INST. NO 96716

ROD NO. 9819

DATE SEP 26 '66

F.B. 3760 PG. 137

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

WEATHER Cloudy - Sun INST. NO. 96716
TIME 08:50 To 09:00 ROD NO. 9819
NOTES CHKD [illegible] 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 L.B.H.D. 1737 To L.B.H.D. 1731
L.B.H.D. 1737				149				190	L.B.H.D. ~~1734~~ 1737
1	118 340	419	5	87 62	160 350	461	5	130 60	OCEAN BLVD. & L.A. RIVER, E. SIDE
									BRASS SCREW IN LEAD IN CTR. DIV.
2	162 504	463	5	190 134 56	157 610	458	5	186 128 58	✓
				118				118	
L.B.H.D. 1731								118	L.B.H.D. 1731
	280 844	✓			317 960	✓		236	OCEAN BLVD. & LONG BEACH
					280 844	✓			FRWY W. SIDE
					37 116	✓			

F.B. 3760 Pg. 138
JOB NO 0882.43
SURVEY OF Long Beach Precise Level Net
SURVEY BY Dreier NOTES Siemann (3-12-66)
INDEXED C. J. Gall DATE

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 L.B.H.D. 1737 TO L.B.H.D. 1741
L.B.H.D. 1737									B.M. L.B.H.D. 1737
1	63	969	364 5	88 38 50	286	309	587 5	½ 286 259 54	OCEAN BLVD. & L.A. RIVER ~~E. SIDE~~ ABOUT CTR.
									BRASS SCREW IN LEAD IN CTR. DIV.
2	10	311	311 5	½ 25 10 30 80	254	014	555 5	268 240 28 82	
3									
L.B.H.D. 1741	99	798	400 5	106 92 14 94	172	680	473	178 165 13 98 94	B.M. L.B.H.D. 1741
	174	078			713	003			OCEAN BLVD. & E. OF L.A. RIVER
					174	078		189	BRASS SCREW IN CTR DIVIDER
				-	538	925			ABOVE MOST E'LY ABUTMENT

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

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

NOTES BY G.E. DREIER DATE 9-6-66 TIME 9:34 TO 9:50 ROD NO. 9819

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

F.B. 3760 PG. 139

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 1741 TO L.B.H.D. 1737
L.B.H.D. 1741									L.B.H.D. 1741
1	298	994	599 5	½ 298 281 34	8	131	309 5	½ 23 8 30	OCEAN BLVD. E. OF L.A. RIVER
									BRASS SCREW IN CTR. DIV. ABOVE
2	253	230	554 5	271 235 36 70	47	230	348 5	65 29 36 66	MOST ELY ABUTMENT
3	163	100	464 5	175 151 24 94	121	121	422 5	134 108 26 92	✓
L.B.H.D. 1737								94	L.B.H.D. 1737
	715	324 ✓			176	482 ✓		186	OCEAN BLVD. & L.A. RIVER (ABOUT CTR)
	176	482 ✓							BRASS SCREW IN LEAD IN CTR
	+ 538	842 ✓							DIV.

P.B. 3760 PG. 140

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE REVELNET

SURVEY BY DREIER NOTES DREIER 9-8-66

INDEXED C. I. GALLY DATE

WEATHER HAZY

TIME 3:10 TO

NOTES CHKD [signature]

INST. NO. 96716

ROD NO. 98.19

DATE

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

JOB NO. 0882.43 SURVEY OF L.A. CO. PRECISE LEVEL NET — LONG BEACH
SURVEY BY G.E. DREIER — WEATHER OVERCAST — INST. NO 26716
NOTES BY G.E. DREIER — DATE 9-6-66 — TIME 2:50 TO 10:0 — ROD NO. 2819
INDEXED — DATE — NOTES CHKD — DATE 10-24-66
F.B. 3760 Pg. 141

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM L.B.H.D. 1741 TO ~~L.B. H52~~ L.B. 236
L.B.H.D. 1741							B.M. L.B.H.D. 1741
1	14 043	3155	28 / 0 / 28	267 107	5685	281 / 252 / 29	OCEAN BLVD. E. of L.A. RIVER
							BRASS SCREW IN CTR. DW. ABOVE
2	5311	3065	21.2 / 5 206 / ~~32~~ 60	256 761	5575	272 / 240 / 32 / 61	MOST E'LY ABUTMENT
3	3781	3045	½ 20 / 3 / 34 / 94	293 475	5945	½ 293 / 277 / 32 / 93 ✓ / 94 ✓ / 187 ✓	
L.B. 236							
	23 135 ✓			817 343 ✓			
				23 135 ✓			
				794 208 ✓			L.B. 236
							N. OF OCEAN BLVD, W. OF GOLDEN AVE
							DISC IN HAND HOLE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 236 TO L.B.H.D. 1741
L.B. 236									L.B. 236
1	300	630	601 5	½ 300 283 34	5	675	306 5	½ 22 5 34	OCEAN BLVD., N. SIDE, W. OF GOLDEN AVE DISC. IN H.H.
2	240	760	541 5	255 225 30 64	7	161	308 5	½ 22 7 30 64	
3	273	168	574 5	188 158 30 94	7	424	308 5	½ 22 7 30 94	
								94	
	814	558			20	260		188	
L.B.H.D. 1741	20	260							L.B.H.D. 1741
+	794	298							OCEAN BLVD. E. OF L.A. RIVER BRASS SCREW IN LEAD IN CTR DIV. ABOVE MOST ELY ABUTMENT

WEATHER HAZY SUN INST. NO. 96716
TIME 3:00 TO 3:10 ROD NO. 9819
NOTES CHKD. [illegible] DATE SEP 26 '66

JOB NO. 0882.43
SURVEY OF LONG BEACH PRECISE LEVELS
SURVEY BY DREIER NOTES DREIER 9-7-66
INDEXED C. J. GALLI DATE

B.B. 3760 PG. 142

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. ~~0301.02~~ 0282.43 SURVEY OF L.A. CO. PRECISE LEVEL NET Long Beach TAW
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 26716
NOTES BY G.E. DREIER DATE 9-6-66 TIME 10:05 TO ROD NO. 218
INDEXED K.J. GALL DATE NOTES CHKD. DATE SEP 26 '66
F.B. 3760 Pg. 43

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM L.B. 236 TO L.B. 1152
L.B. 236			268			138	L.B. 236
1	244708	5455	221 47 ✓	114459	4151	90 48	OCEAN BLVD., N. SIDE, W. OF GOLDEN AVE
							, DISC IN HAND HOLE
L.B. 1152						47 ✓	
	244708 ✓			114459 ✓		95	B.M. L.B. 1152 (L.B.M.D 1696)
	114459 ✓						OCEAN BLVD. & GOLDEN AVE, N.E. COR
+	130249 ✓						

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 1152 TO L.B. ~~158~~ 236
L.B. 1152									BM. L.B. 1152 (L.B.H.D. 1696)
1	110	760	411 5	134 86 48	240	987	541 5	264 217 47	OCEAN BLVD. & GOLDEN AVE., N.E. COR.
									BRASS SCREW IN LEAD IN E. END OF
								48	CATCH BASIN 4 FT. E. OF B.C.R
	110	760			240	987		95	
L.B. 158					110	760			L.B. ~~158~~ 236
					130	227			OCEAN BLVD. N. SIDE, W. OF
									GOLDEN AVE. DISC IN H.H.

WEATHER HAZY SUN INST. NO. 96716

TIME 2:55 TO 3:00 ROD NO. 9819

NOTES CHKD [signature] DATE SEP 26 '68

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-8-66

INDEXED C. J. GALLI DATE

F.B. 3760 PG. 144

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 L.B. 1152 TO L.B. 158
L.B. 1152									BM L.B. 1152
				½ 215				½ 29	OCEAN & GOLDEN N.E. COR.
1	265	391	566 5	265 100	29	042	330 5	81 104	BRASS SCREW IN LEAD IN E. END OF C.B
									4 FT. E. OF B.C.R.
L.B. 158								100	BM L.B. 158
	265	391			29	042		204	OCEAN & DAISY N.W. COR.
	29	042							L.B.B.M. 20.4 FT. W. OF CURB 7. FT N. OF CURB
+	236	349							

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 9-6-66

INDEXED C. I. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 10:15-10:20 ROD NO. 9819

NOTES CHKD. [illegible] DATE SEP 26 '66

F.B. 3760 PG. 145

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 26716 ROD NO. 9 of 19 DATE SEP 26 '66

WEATHER Hot TIME 2:40 - 2:50 NOTES CHKD [illegible]

F.B. 3760 Pg. 146 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREHER NOTES WILKES (9-8-66)

INDEXED C. J. GALLI DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM L.B.158 TO L.B.1152
L.B. 158					106						252		B.M. L.B. 158
1	133	746	434	5	159	53	278	346	579	5	305	53	OCEAN BLVD & DAISY AVE, N.W. COR.
					101						193		L.B.B.M. 20.4 FT. W. & 7 FT. N. OF CURB
2	126	738	427	5	150	49	218 ✓	477	519	5	242	49	✓
						102						102	
L.B. 1152												102 ✓	BM L.B. 1152
	260	484	✓				496	823 ✓				204	OCEAN & GOLDEN
							260	484 ✓					N.E. COR
						—	236	339 ✓					

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 158 TO L.B. 571
L.B. 158									B.M. L.B. 158
1	190	870	491 5	154 / 225 71	116	425	417 5	80 / 151 71	OCEAN & DAISY N.W. COR.
									L.B.B.M. 20 FT N. & 7 FT. W. OF CURBS
2	226	790	527 5	186 / 267 81	126	451	427 5	86 / 167 81	
				152				152	
L.B. 571								152	BM L.B. 571
	417	660			242	876		304	OCEAN & CHESTNUT S.E. COR.
	242	876							L&T IN CITY PROPERTY MARKER
+	174	784							1.4 FT E. OF P/L, 11 FT. S. OF CURB

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

SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 96715

NOTES BY WILKS DATE 9-6-66 TIME 10:20 - 10:35 ROD NO. 9819

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

F.B. 3760 PG. 147

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INST. NO. 96716 ROD NO. 2849 DATE SEP 26 66

WEATHER Hot TIME 2:25-2:40 NOTES CHKD DALTON

F.B. 3760 Pg. 148 JOB NO. 0301.02

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES WILKES (9-8-66)

INDEXED C. J. GALLI DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM L.B. 571 TO L.B. 158
L.B. 571					149						167		B.M. L.B. 571
1	177	740	478	5	206	57	196	280	497	5	225	58	OCEAN BLVD. & CHESTNUT AVE, S.E. COR
					80						169		L.S.T. IN P.C.C. CITY PROPERTY MARKER
2	115	768	416	5	150	70	204	375	505	5	239	70	1.4 FT. E. of P/L 11.5 FT. S. of CURB
					121	127					189	128	
3	135	711	436	5	148	27	203	270	504	5	216	27	
						154 ✓						155 ✓	
L.B. 158												154 ✓	BM L.B. 158
	429	219 ✓					603	925 ✓				309 ✓	OCEAN & DAISY N.W. COR.
							429	219 ✓					
						-	174	706 ✓					

76P526 CE # 308 3-65

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

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JOB NO. 0812.43 SURVEY OF Long Beach PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY WILES
C. J. GALLI
DATE 9-6-44
WEATHER PTLY. CLDY
TIME 10:35 - 10:45
INDEXED
DATE
NOTES CHKD.
DATE
INST. NO. 3611
ROD NO. 289
F.B. 3760 Pg. 49

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 571 TO L.B. 1155
L.B. 571				127				123	BM L.B. 571
1	156	569	457 S	185 58	153	102	454 S	183 60	OCEAN & CHESTNUT S.E. COR.
				153				130	L&T IN CITY PROPERTY MARKER
2	186	603	487 S	219 66	164	722	465 S	199 69	
				124				129 ✓	
L.B. 1155								124 ✓	BM L.B. 1155
	343	172 ✓						253	OCEAN & PACIFIC S.E. COR.
	317	824 ✓			317	824 ✓			L&T IN CURB IN FRONT OF FIRE PLUG
	+ 25	348 ✓							

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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 L.B. 1155 TO L.B. 571
L.B. 1155				142				120	B.M. L.B. 1155 ~~S.E.~~
1	175	030	476 5	209 67	154	031	455 5	187 67	OCEAN BLVD. & PACIFIC, S.E. COR.
				125				170	L.&T. IN CURB IN FRONT OF
2	157	579	458 5	189 64	20~~5~~3	940	50~~6~~4 5	237 67	FIRE HYDRANT
				131				134	
L.B. 571								131	BM L.B. 571
	332	609			357	971		265	OCEAN & CHESTNUT S.E. COR.
					332	609			L.&T. IN CITY PROPERTY MARKER
					25	362			

WEATHER HOT INST. NO. 96716

TIME 2:00 - 2:25 ROD NO. 9819

NOTES CHKD [illegible] DATE SEP 26 '68

F.B. 3760 PG. 150 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES WILKS (9-8-66)

INDEXED C. J. GALLY DATE

76P526 CE # 308 3-65

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM L.B. 1155 TO L.B. 63
L.B. 1155									BM L.B. 1155 ?
1	177	125	478 5	153/201 48	191	080	492 5	165/216 51	OCEAN & PACIFIC S.E. COR. L&T IN CURB IN FRONT OF FIRE PLUG
L.B. 63								48	BM L.B. 63
	177	125			191	080		99	OCEAN & PINE S.W. COR. IN H.H.
					177	125			L.B.B.M. 17.6 FT. W. OF CURB, 13.5 FT
					13	955			S. OF CURB

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

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

NOTES BY WILKS DATE 9-6-66 TIME 10:45 - 11:50 ROD NO. 9819

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

F.B. 3760 PG. 151

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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 L.B. 63 TO L.B. 1155
L.B. 63				146				156	B.M. L.B. 63
~~1~~	~~174~~	~~280~~	~~475.5~~	~~202 56~~	~~183~~	~~892~~	~~484.5~~	~~211 55~~	OCEAN BLVD. & PINE AVE., S.W. COR.
									L.B.B.M. 17.6 FT. W. & 13.5 FT. S. OF CB.
~~2~~	~~139~~	~~572~~	~~440.5~~	~~109 / 169 60~~	~~193~~	~~072~~	~~494.5~~	~~164 / 223 59~~	
				116				114	
L.B. 63									
1	189	711	490.5	219 / 159 60	152	169 / ~~125~~	453.5	182 / 121 61	
2	150	495	451.5	176 / 124 52	148	588	449.5	122 / 174 52	
				112				113	
3	148	935	449.5	119 / 176 57	174	487	475.5	140 / 207 67	
				169				180	
L.B. 1155								169	BM L.B. 1155 ?
	489	141			475	244		349	OCEAN & PACIFIC S.E. COR.
	475	244							L&T. IN CURB IN FRONT OF
+	13	897							FIRE HYDRANT

WEATHER HOT INST. NO. 96716

TIME 1:35 - 1:50 ROD NO. 9 & 19

NOTES CHKD. [illegible] DATE SEP 26 '66

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES WICKS (9-8-66)

INDEXED C. J. GALLI DATE

F.B. 3760 PG. 152 3760

76P526 CE # 308 3-65

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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 L.B. 63 TO L.B. 570
L.B. 63					174						93		L.B. 63
1	210	410	511	5	246	72	130	516	431	5	166	73	OCEAN & PINE S.W. COR. IN H.H.
					167						½166		L.B.B.M. 17.6 FT. W. & 13.5 FT. S. OF CURB
2	205	463	506	5	242	75	166	193	467	5	201	70	
						147						143	
L.B. 570												147	BM L.B. 570
	415	873					296	709				290	OCEAN & LONG BEACH BLVD. S.
	296	709											SIDE, 10.7 W. ℄ PROD IN H.H.
+	119	164											

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

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

NOTES BY WILKS DATE 9-6-66 TIME 10:55 - 11:05 ROD NO. 98A

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

F.B. 3760 PG. 153

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 570 TO L.B. 63
L.B. 570									B.M. L.B. 570
1	174	280	475 5	146 / 202 56	183	892	484 5	156 / 211 55	OCEAN BLVD & LONG B. BLVD. S.W. COR.
2	139	572	440 5	109 / 169 60	193	072	494 5	164 / 223 59	MON. IN WELL (L&T) ON S. CURB LINE
3	130	798	431 5	110 / 150 40	147	460	448 5	127 / 167 40	10.7 FT W. OF ℄
4	139	470	440 5	153 / 124 29	178	873	479 5	193 / 163 30	
				185				184	
L.B. 63								185	BM L.B. 63
	584	120			703	297		369	OCEAN & PINE S.W. COR.
					584	120			IN N.H.
					119	177			

WEATHER WARM INST. NO. 96716
TIME 1:15 TO 1:35 ROD NO. 9819
NOTES CHKD [illegible] DATE

F.B. 3760 PG. 154 JOB NO. 0882.43
SURVEY OF LONG BEACH PRECISE LEVELNET
SURVEY BY DREIER NOTES WILKS 9-8-66
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

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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. 570 TO L.B. 3
L.B. 570				139	~~108~~			73	BM L.B. 570
1	174	975	475 5	208 69	108	251	409 5	143 70	OCEAN & L.B. BLVD. 10.7 W. ℄ PROD
				149				163	L.B. BLVD. & S. CURB LINE OCEAN
2	185	600	486 5	221 72	199	360	500 5	235 72	
				212 141				108 142	
3	241	750	542 5	270 58	138	942	439 5	167 59	(L.B. 161 & 721 DESTROYED BY
				151 199				98 201	CONSTUCTION NOW IN PROGRESS)
4	188	720	489 5	224 73	133	632	434 5	169 71	
				272				169 272	
5	160	680	461 5	133 187 54	195	940	496 5	221 52	
				326 ✓				324 ✓	
L.B. 3								326 ✓	BM L.B. 3
	951	725 ✓			776	125 ✓		~~650~~ 3	OCEAN & ALAMITOS N.E. COR
	776	125 ✓						650	IN H.H.
+	175	600 ✓							

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 9-6-66

INDEXED C. J. GALLI DATE

WEATHER CLEAR

TIME 11:05 - 11:40

NOTES CHKD [signature] DATE SEP 26 '66

ROD NO. 9E19

INST. NO. 9676

F.B. 3760 PG. 153

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INST. NO. 96716 ROD NO. 9 & 19 DATE SEP 28 '66

WEATHER Clear TIME 11:20 - 11:50 NOTES CHKD. [illegible]

SURVEY OF Long Beach Precise Level Net JOB NO. 0882.43

SURVEY BY Dreier NOTES Wilkes (9-8-66) DATE

INDEXED C. J. Galli

B.B. 3760 Pg. 156

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		From L.B. 3 To L.B. 570
L.B. 3				155					138		B.M. L.B. 3
1	185	304	486 5	215	60	169	128	470 5	200	62	OCEAN BLVD. & ALAMITOS AVE. N.E. COR.
				111					161		L.B.B.M. 16.9 FT. E. & 9.5 FT. N. OF CURBS
2	141	383	442 5	170	59	191	448	492 5	221	60	
				126	119				138	122	
3	157	093	458 5	189	63	168	815	469 5	198	60	
				96	182				138	182	
4	129	595	430 5	161	65	170	780	471 5	202	64	
				73	247				159	246	
5	104	002	405 5	136	63	192	671	493 5	226	67	
					310					313	✓
L.B. 570										310	BM L.B. 570
	717	377	✓			892	842	✓		623	OCEAN & LONG BEACH BLVD.
						717	377	✓			10.7 W. & PROD L.B. BLVD.
					−	175	465	✓			℄ S. CURB LINE

76P526 CE # 308 3-65

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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									BM L.B. 3
+									OCEAN & ALAMITOS N.E. COR.
1	187	191	488 5	227/146 81	91	393	392 5	52/131 79	IN H.H.
L.B. 774								81	BM L.B. 774
	187	191			91	393		160	OCEAN & BONITO N.W. COR
	91	393							BOLT IN BASE OF LAMP POST # 211
+	95	798							

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

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

NOTES BY WICKS DATE 9-6-66 TIME 11:45-11:50 ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD [signature] DATE

F.B. 3760 PG. 157

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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 L.B. 774 TO L.B. 3
L.B. 774				50				144	L.B. 774
1	90	033	391 5	131 81	185	750	486 5	226 82	OCEAN BLVD. & BONITO AVE., N.W. COR
									BOLT IN S.E. COR. OF BASE OF LAMP POST
								81	#221, 12.3 FT. W. OF CURB LINE
L.B. 3									B.M. L.B. 3
	90	033			185	750		163	OCEAN BLVD. & ALAMITOS AVE., N.E. COR
					90	033			L.B. B.M. 16.9 FT. E. OF & 9.5 N. OF CURB
				-	95	717			

WEATHER WARM INST. NO. 96716

TIME 11:10 - 11:15 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE SEP 26 '66

F.B. 3760 PG. 158 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES WILKS (9-8-66)

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

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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 L.B. 774 TO L.B. 775
L.B. 774									B.M. L.B. 774
1	147	325	448	177 116 61	92	653	393	123 61 62	OCEAN BLVD. & BONITO AVE. N.W. COR
									BOLT IN S.E. COR BASE OF LAMP POST
2	154	586	455	108 140 28 89	153	155	454	167 139 28	# 211 12.3 FT. W. OF CURB LINE
B.M. L.B. 775								90	B.M. L.B. 775
	301	911			245	808		89	OCEAN BLVD. & CERRITOS AVE. N.W. COR
	245	808						179	BOLT IN S.E. COR. BASE OF LAMP POST 217
	+ 56	103							

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

SURVEY BY C.E. DREIER

NOTES BY DREIER DATE 9-6-66

INDEXED C. J. GALLI DATE

WEATHER CLEAR

TIME 1:20 TO 1:30

NOTES CHKD. [illegible] DATE

INST. NO. 96716

ROD NO. 9819

SEP 26 66

F.B. 3760 PG. 159

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F.B. 3760 Pg. 160 JOB NO. 0882.43
SURVEY OF LONG BEACH PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 9-8-66
INDEXED C. J. GALLI DATE
WEATHER HAZY SUN INST. NO. 26716
TIME 11:00 ROD NO. 9 & 12
NOTES CHKD [illegible] DATE SEP 26 '66

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 775 TO L.B. 774
L.B. 775				148				205	B.M. L.B. 775
1	106	290	407	5 64 84	162	280	463	5 120 85	OCEAN BLVD. & CERRITOS AVE. N.W. COR.
								84	BOLT IN S.E. COR BASE OF LAMP POST # 217
B.M. L.B. 774	106	290	✓		162	280	✓	169	B.M. L.B. 774
					106	290	✓		OCEAN BLVD. & BONITO AVE., N.W. COR.
					55	990	✓		BOLT IN S.E. COR BASE OF LAMP POST
									# 211 12.3 FT. W. OF CURB LINE
			RERUN						
L.B. 775	135	216	436	5 159 111 48	170	660	471	5 194 146 48	L.B. 775
1									
2	138	632	439	5 153 122 31	159	312	460	5 177 140 37	
				79				85 ✓	
L.B. 774								79 ✓	L.B. 774
	273	848	✓					164 ✓	
					329	972	✓		
					273	848	✓		
					56	124	✓		

76P526 CE # 308 3-65

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

SURVEY BY C.E. DREIER WEATHER CLEAR INST. NO. 2216

NOTES BY C.E. DREIER DATE 9-6-66 TIME 1:30 TO 1:38 ROD NO. 248

INDEXED W.J. GALL DATE NOTES CHKD DATE SEP 26 '66

F.B. 3760 Pg. 161

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM L.B. 775 TO L.B. 244
1	183	704	484 5	217 149 68	113	304	414 5	147 80 67	B.M. L.B. 775 OCEAN BLVD. & CERRITOS AVE, N.W. COR. BOLT IN S.E. COR. BASE OF LAMP POST LT
2	155	777	456 5	173 137 36 104 ✓	151	786	452.5	168 134 34 101 ✓	✓
L.B. 224								104	B.M. L.B. 244
	339	481 ✓			265	090 ✓		205	OCEAN BLVD. & ORANGE AVE, N.E. COR.
	265	090 ✓							L.B.B.M. 3.9 FT. E. & 20.9 FT. N. OF CURBS
+	74	391 ✓							

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 244 TO L.B. 775
L.B. 244									B.M. L.B. 244
1	170	437	471 5	199 141 58	193	140	494 5	222 164 58	OCEAN BLVD. & ORANGE AVE N.E. COR
									L.B. B.M. 3.9 FT. E. & 20.9 FT. N. OF CORBS
2	127	270	428 5	145 109 36 94	178	850	479 5	196 160 36 94	
L.B. 775								94	B.M. L.B. 775
	297	707			371	990		188	OCEAN BLVD. & CERRITOS AVE., N.W. COR
					297	707			BOTT IN S.E. COR. BASE OF LAMP POST
					74	283			# 217

WEATHER HAZY SON INST. NO. 96716

TIME 10:50 TO 10:59 ROD NO. 9819

NOTES CHKD [signature] DATE

F.B. 3760 PG. 162 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-8-66

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

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0382.43

JOB NO. ~~0301-02~~ SURVEY OF L.A. CO. PRECISE LEVEL NET — LONG BEACH

SURVEY BY G.E. DREIER — WEATHER

NOTES BY G.E. DREIER — DATE 9-6-66 — TIME 1:40 TO 1:44 — INST. NO 2677

INDEXED — DATE — NOTES CHKD — DATE — ROD NO 2412

F.B. 3760 Pg. 163

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA	FROM L.B. 244 TO L.B 776
Bm. LB 244								L.B. 244
1	164 109	465 5	201 127	74	187 911	488 5	224 150	74 OCEAN BLVD. & ORANGE AVE. N.E. COR
								L.B.B.m. 3.9 FT. E. OF, & 20.9 FT. N. OF CURB
Bm. L.B. 776								74 L.B. 776
	164 109	✓			187 911	✓		148 OCEAN BLVD. & ESPERANZA AVE. N.W. COR
					164 109	✓		BOLT IN S.E. COR. OF BASE OF LAMP POST
					23 802	✓		#229 14 FT. W. OF CURB LINE

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 776 TO L.B. 244
L.B. 776									L.B. 776
				222				199	OCEAN BLVD. & ESPERANZA AVE. N.W. COR
1	185	450	486	148 74	161	645	462 5	123 76	BOLT IN S.E. COR. BASE OF LAMP POST
									# 229
L.B. 244								74	L.B. 224
	185	450			161	645		150	OCEAN BLVD. & ORANGE AVE. N.E. COR
	161	645							L.B.B.M. 3.9 E. & 20.9 FT. N. OF CURBS
+	23	805							

WEATHER HAZY SUN INST. NO. 96716

TIME 10:43 TO 10:49 ROD NO. 9819

NOTES CHKD. [signature] DATE SEP 26 [illegible]

F.B. 3760 PG. 164 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-8-66

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

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

SURVEY BY _____ WEATHER _____ INST. NO. _____
NOTES BY F. J. GALLI DATE 9-6-66 TIME 1:45 ROD NO. 153
INDEXED _____ DATE _____ NOTES CHKD [illegible] DATE SEP 26 66

F.B. 3764 Pg. 165

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 776 TO L.B. 15
L.B. 776				174				185	B.M. L.B. 776
1	149	666	450	124 50	161	053	462 5	137 48	OCEAN BLVD. & ESPERANZA AVE. N.W. COR
									BOLT IN S.E. COR OF BASE OF LAMP POST
				149				157	
2	123	753	424	97 52	131	343	432	105 52	# 229
				102				100	
L.B. 15								102	B.M. L.B. 15
	273	419	✓		292	396	✓	202	OCEAN BLVD. & FALCON AVE. N.E. COR
					273	419	✓		L.B. B.M. 3.2 FT. E. & 26.5 FT. N. OF CURBS
					18	977	✓		

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WEATHER Hazy Sun INST. NO. 96716
TIME 1013 TO 1043 ROD NO. 9 & 12
NOTES CHKD. DATE SEP 26 '66

F.B. 3760 PG. 166 JOB NO. 0882.43
SURVEY OF Long Beach Precise Level Net
SURVEY BY Dreier NOTES Dreier 9-8-66
INDEXED C. J. GALLI DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 15 TO L.B. 776
L.B. 15				180				158	B.M. L.B. 15
1	154	020	455 5	127 53	131	704	432 5	105 53	OCEAN BLVD & FALCON AVE. N.E. COR.
								183	L.B.B.M 3.2 FT. E. & 26.5 FT. N. OF CURB
2	159	264	460 5	179 139 40 93	162	666	463 5	141 42	
								95 ✓	
L.B. 776								93	B.M. L.B 776
	313	284 ✓			294	370 ✓		188	OCEAN BLVD & ESPERANZA AVE, N.W. COR
	294	370 ✓							BOLT IN S.E. COR. OF BASE OF LAMP POST
+	18	914 ✓							#229, 14 FT. W. OF CURB LINE

76P526 CE # 308 3-65

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 16716
NOTES BY G.E. DREIER DATE 9-6-66 TIME 1:53 PM ROD NO. 2417
INDEXED C.J. GALLI DATE NOTES CHKD DATE SEP 26 '66
F.B. 3760 Pg. 167

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 15 TO L.B. 778
L.B. 15									B.M. L.B. 15
1	216	141	517	5 ½ 216 177 78	104	600	405	5 143 64 79	OCEAN BLVD. & FALCON AVE. N.E. COR
									L.B.B.M. 32 FT. E. & 26.5 FT. N. OF CURB
L.B. 778								78	B.M. L.B. 778
	216	141	✓		104	600	✓	157	OCEAN BLVD. & CAVIOTA AVE, N.W. COR
	104	600	✓						BOLT IN S.E. COR. OF BASE OF LAMP POST
	+ 111	541	✓						# 241

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WEATHER Hazy Sun INST. NO. 96716
TIME 10:30 TO 10:35 ROD NO. 9&19
NOTES CHKD [illegible] DATE SEP 26 '66

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM LB 778 TO LB 15
LB 778			130			241	B.M. LB 778
1	91 155	392 5	52 78	202 640	503 5	164 77	OCEAN BLVD. & GAVIOTA AVE, N.W. COR.
							BOLT IN S.E. COR. OF BASE OF LAMP POST
2						78	NO. 241, 4 FT. E. OF B.C.R
	91 155 ✓			202 640 ✓		155	
LB 15				91 155 ✓			LB 15
				111 485 ✓			OCEAN BLVD. & FALCON AVE. N.E. COR.
							L.B.B.M. 3.2 FT. E. OF CURB, 26.5 N.
							OF CURB LINE

L.B. 3760 PG. 168 JOB NO. 0882.43
SURVEY OF Long Beach Precise Level Net
SURVEY BY Dreier NOTES Dreier 9-8-66
INDEXED C. J. Galli DATE

76P526 CE # 308 3-65

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 778 TO L.B. 246
L.B. 778									B.M. L.B. 778
1	163	664	464 5	189 136 53	105	804	406 5	134 76 58	OCEAN BLVD. & GAVIOTA AVE N.W. COR
									BOLT IN S.E. COR. OF BASE OF LAMP POST
2	174	100	475	194 154 40	151	900	452 5	169 133 36	
				93				94	
L.B. 246								93	B.M. L.B. 246
	337	764			257	704		187	OCEAN BLVD. & HERMOSA AVE N.W. COR
	257	704							L.B. B.M. 4.9 FT. W. & 22.5 FT. N. OF CURBS
+	80	060							

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 9-6-66

INDEXED C. J. GALLI DATE

WEATHER CLEAR

TIME 2:00 TO 2:08

NOTES CHKD. [signature] DATE SEP 26 '66

INST. NO. 96716

ROD NO. 9419

F.B. 3760 PG. 169

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F.B. 3760 Pg. 170 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-8-66

INDEXED C. J. GALLI DATE

WEATHER MAZY SUN INST. NO. 96716

TIME 10:18 TO 10:25 ROD NO. 9819

NOTES CHKD [illegible] DATE SEP 26 66

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B.246 TO L.B 778
L.B.246				186				219	BM. L.B. 246
1	160	868	461	135 51	193	511	4945	168 51	OCEAN BLVD. & HERMOSA AVE., N.W. COR.
									L.B.B.M. 4.9W. & 22.5 FT. N. OF CURBS
2	127	692	428	145 110 35 86	175	029	476	193 158 35 86 ✓	
L.B 778								86	L.B. 778
	288	560	✓		368	540	✓	172	OCEAN BLVD. & GAVIOTA AVE. N.W. COR.
					288	560	✓		BOLT IN S.E. COR. OF LAMP POST
					79	980	✓		NO 241, 4 FT. E. OF B.C.R.

76P526 CE # 308 3-65

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0882-43

JOB NO. 0301-02 SURVEY OF L.A. CO. PRECISE LEVEL NET Long Beach

SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 46716

NOTES BY G.E. DREIER DATE 9-6-66 TIME 2:08 TO 2:20 ROD NO. 9419

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

F.B. 3760 Pg. 171

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B.246 TO L.B. 780
L.B.246									L.B. 246
1	183	812	484	5 213 153 60	117	891	418	5 147 87 60	OCEAN BLVD & HERMOSA AVE
									L.B.B.M. 4.9 Ft. N. & 22.5 FT. W. OF CURBS
2	191	251	492	5 212 110 42 102	109	160	410	5 129 89 40	✓
								100	✓
L.B. 780								102	B.M. L.B. 780
	375	063	✓		227	051	✓		✓
	229	031	✓					202	OCEAN BLVD. & CHERRY AVE. N.E. COR.
	+ 148	012	✓						P.K. IN CURBING AT N. END OF STEPS

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 780 TO L.B. 246
L.B. 780									BM L.B. 780
1	105	186	406 5	131 80 51	169	000	470 5	195 144 51	OCEAN BLVD. & CHERRY AVE N.E. COR
									P.K. SPKIN CURBING AT N. END OF STEPS
2	121	560	422 5	142 101 41	205	704	506 5	226 184 42	
				92	✓			93	✓
L.B. 246								92	✓ B.M. L.B. 246
	226	746	✓		374	704	✓	185	OCEAN BLVD. & HERMOSA AVE. N.W. COR
					226	746	✓		L.B.B.M. 4.9 FT. W. & 22.5 FT. N. OF CURBS
					147	958	✓		

WEATHER HAZY SUN INST. NO. 96716

TIME 10:07 TO 10:17 ROD NO. 9819

NOTES CHKD [signature] DATE SEP 26 '66

F.B. 3760 PG. 172 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-8-66

INDEXED C. J. GALL DATE

76P526 CE # 308 3-65

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 780 TO L.B. 16
L.B. 780				189				71	B.M. L.B. 780
1	215	030	516 5	241 52	97	259	398 5	123 52	OCEAN BLVD. & CHERRY AVE. N.E. COR
				144				181	P.K. SPK. IN CURBING AT N. END OF STEPS
2	166	359	467 5	187 43	181	406	482 5	202 42	
				95				94	
L.B. 16								95	B.M. L.B. 16
	381	389			278	665		189	OCEAN & JUNIPERO N.E. COR.
	278	665							
	102	724							

0882.43

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

SURVEY BY G.E. DREIER

NOTES BY Wilkes DATE 9-6-66

INDEXED [illegible] DATE

WEATHER Clear-Wind INST. NO. 9676

TIME 2:20 - 2:25 ROD NO. 980

NOTES CHKD [illegible] DATE SEP 26 '66

F.B. 3760 PG. 173

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WEATHER Clear INST. NO. 9616
TIME 9:55 - 10:05 ROD NO. 9812
NOTES CHKD [illegible] DATE SEP 26 '66

F.B. 3760 Pg. 174 JOB NO. 0882.43
SURVEY OF Long Beach Precise Level Net
SURVEY BY Dreier NOTES Wilkes (9-8-66)
INDEXED C. J. Galli DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									From L.B. 16 To L.B. 780
L.B. 16				½ 159				87	BM L.B. 16
1	159	945	460 5	185 52	113	010	414 5	139 52	Ocean & Junipero N.E. Cor.
				9				159	
2	26	678	327 5	43 34	176	205	477 5	194 34	
				86				88 ✓	
								86	
L.B. 780									BM L.B. 780
	186	623 ✓			289	215 ✓		174	Ocean & Cherry
					186	623 ✓			N.E. Cor PK in curbing
				—	102	592 ✓			at N. end of steps

76P526 CE # 308 3-65

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JOB NO. 0892.43 LONG BEACH
SURVEY BY G.E. DREIER SURVEY OF L.A. CO. PRECISE LEVEL NET
NOTES BY W. LUCAS DATE 9-6-66 WEATHER CLEAR - WINDY INST. NO. 3276
INDEXED E. J. GALLI DATE TIME 2:15 - 2:40 ROD NO. 9619
NOTES CHKD DATE
F.B. 3760 Pg. 135

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM L.B.16 TO L.B. 1072
L.B.16				111					197		BM L.B. 16
1	138	567	439	5 165	54	221	393	522	5 245	48	OCEAN & JUNIPERO N.E. COR.
2	101	999	402	66 136	70 124	249	065	550	212 286	72	
3	92	467	393	5 63 120	57 181	222	428	523	5 195 248	53 120 175	
L.B. 1072										181	L.B. 1072
	333	033				692	886			354	OCEAN & LINDERO N.E. COR.
						333	033				L.&T. IN C.B. ON NORTH
						359	853				

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 1072 TO L.B. 16
L.B. 1072				210				41	BM. L.B. 1072
1	239	670	540 5	268 58	71	368	372 5	100 59	OCEAN BLVD. & LINDERO AVE. N.E. COR
				187				58	L.ST. IN S. END OF CATCH BASIN 25 FT
2	215	760	516 5	242 55	86	790	387 5	114 56	N. OF CURB LINE
				113				115	
				180				120	
3	210	905	511 5	240 60	148	277	449 5	176 56	
				173				171	
L.B. 16								173	BM L.B. 16
	666	335			306	435		344	OCEAN & JUNIPERO
	306	435							N.E. COR.
+	359	900							

WEATHER WARM - CLEAR INST. NO. 96716

TIME 9:35 - 9:50 ROD NO. 9819

NOTES CHKD [illegible] DATE SEP 26 '68

JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES WILKS (9-8-66)

INDEXED C. J. GALLI DATE

P.B. 3760 PG. 176

76P526 CE # 308 3-65

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JOB NO. 0882.43 SURVEY OF L.A. CO. PRECISE LEVEL NET — LONG BEACH
SURVEY BY C. E. DREIER WEATHER CLEAR - WINDY INST. NO. 9626
NOTES BY MILES DATE 9-6-66 TIME 2:40 - 3:00 ROD NO. 9819
INDEXED DATE NOTES CHKD DATE SEP 26 '66
F.B. 3760 Pg. 177

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM L.B. 1072 TO L.B. 1073
L.B. 1072				124				143	BM L.B. 1072
1	154	055	455 S	184 60	173	705	474 S	203 60	OCEAN & LYNDERO N.E. COR.
				122				144	L.& T. IN C.B. 26FT NORTH OF N. CURB
2	149	000	450 S	176 54	172	444	473 S	199 55	
				162 114				125 115	
3	189	072	490 S	216 54	151	805	452 S	177 52	
				168	✓			167 ✓	
L.B. 1073								168 ✓	BM L.B. 1073
	492	127 ✓			497	954 ✓		335	OCEAN & TEMPLE N.W. COR
					492	127 ✓			L&T IN S. END OF C.B. 26FT NORTH OF CURB LINE
				—	5	827 ✓			

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F.B. 3760 Pg. 178 JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Net

SURVEY BY Dreier NOTES Wiles (9-8-66)

INDEXED C. J. Galli DATE

WEATHER Sunny INST. NO. 96716

TIME 9:20 - 9:35 ROD No. 9818

NOTES CHKD. [illegible] DATE 9-26-66

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM L.B. 1073 TO L.B. 1072
L.B. 1073				½ 107					106		B.M. L.B. 1073
1	131 ~~150~~	098	432 5	131	48	131	430	432 5	155	49	OCEAN BLVD. & TEMPLE AVE., N.W. COR L&T. IN S. END OF C.B. 25 FT. N. OF CURB
				117					123		
2	143	670	444 5	169	52	160	839	451 5	176	53	LINE
				99	100					102	
3	129	355	430 5	159	60	116 ✓	100	417 5	87 145	58	
					160					160 ✓	
L.B. 1072										160	BM L.B. 1072
	404	123 ✓				398	369 ✓			320	OCEAN & LINDERO
	398	369 ✓									N.E. COR. L&T IN
+	5	754 ✓									C.B. ON THE NORTH

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM L.B. 1073 TO L.B. 1074
L.B. 1073													L.B. 1073
1	167	385	468	5	139 / 195	56	146	777	447	5	118 / 174	56	OCEAN & TEMPLE N.W. COR
													L&T IN C.B. ON NORTH
2	176	140	477	5	145 / 207	62	168	685	469	5	138 / 199	61	
						118					½ 150	117	
3	191	611	492	5	163 / 218	55	150	460	451	5	178	56	
						173						173	
L.B. 1074												173	L.B. 1074
	535	136					465	922				346	OCEAN & PALOMA N.W. COR
	465	922											LET IN C.B. ON NORTH
+	69	214											

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 9-6-66

INDEXED DATE

WEATHER CLEAR-WIND

TIME 3:00 - 3:10

NOTES CHKD [signature] DATE SEP 26 '66

INST. NO. 96716

ROD NO. 9819

F.B. 3760 PG. 179

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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WEATHER Warm-Clear INST. NO. 96716
TIME 9:10 - 9:20 ROD NO. 9819
NOTES CHKD [illegible] DATE SEP 26 '66

F.B. 3760 Pg. 180 JOB NO. 0882.45
SURVEY OF Long Beach Precise Level Net
SURVEY BY Dreier NOTES Wilms (9-8-66)
INDEXED C. J. Galli DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 1074 TO L.B. 1073
L.B. 1074				123				128	B.M. L.B. 1074
1	150	311	451 5	177 54	155	670	456 5	183 55	OCEAN BLVD. & PALOMA AVE. N.W. COR.
	~~43~~			102				146	L.E.T. IN S. END OF C.B., 25.3 FT. N.
2	132	861	433 5	162 60	177	607	478 5	207 61	OF CURB LINE
				191 114				210 116	
3	218	110	519 5	245 54	237	239	538 5	264 54	
				168				170 ✓	
L.B. 1073								168	L.B. 1073
	501	282 ✓			570	516 ✓		338	OCEAN & TEMPLE
					501	282 ✓			N.W. COR. L.E.T. IN C.B.
					69	234 ✓			ON THE NORTH

76P526 CE # 308 3-65

PLEASE RETURN TO
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JOB NO. 0882.43 SURVEY OF LONG BEACH - L.A. CO. PRECISE LEVEL NET
SURVEY BY G.L.E. DREIER
NOTES BY WILKES, CALL
INDEXED
DATE 4-6-66
DATE
WEATHER Clear - Windy INST. NO. 8676
TIME 3:10 - 3:25
NOTES CHKD
ROD NO. 9419
DATE SEP 26 '66
F.B. 3760 Pg. 181

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM L.B. 1074 TO L.B. 1075 A
L.B. 1074					135		146	413	447		113		BM L.B. 1074
1	168	185	469	5	201	66	~~448~~	~~836~~	~~449~~ 5		179	66	OCEAN & PALOMA N.W. COR.
					135						137		L & T. IN ~~S END OF CATCH BASIN~~
2	166	981	467	5	197	62	169	022	470	5	200	63	25 FT. W. OF CURB LINE
					157	128					128		
3	184	018	485	5	211	54	155	058	456	5	182	54	
						182	✓					183	✓
L.B. 1075A												182	✓ BM L.B. 1075 A
	519	184	✓				470	493	✓			365	✓ OCEAN & REDONDO N.E. COR
	470	493	✓										~~LET IN CURB~~
+	48	691	✓										USC&GS RM 2, 1920, 3½" BRASS DISC IN E. CURB 19.5 FT 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 L.B. 1075A TO L.B. 1074
L.B. 1075A				142				137	B.M. L.B. 1075A
1	172	147	473 5	201 59	170	065	471 5	203 66	OCEAN BLVD. & REDONDO AVE, N.E. COR.
				120				146	U.S.C. & G.S. R.M. 2 STD. 3 RASS
2	154	238	455 5	187 67	176	900	477 5	206 60	DISC IN E. CURB 19.5 FT. N. OF
				126				126	B.C.R.
				125				153	
3	150	502	451 5	175 50	178	495	479 5	203 50	
				176				176	
L.B. 1074								176	BM L.B. 1074
	476	887			525	460		352	OCEAN & PALOMA N.W. COR.
					476	887			L&T IN C.B. ON ~~NORTH~~
					48	573			S. END OF C.B.

WEATHER Clear - Sun INST. NO. 96716

TIME 8:55 - 9:10 ROD NO. 9819

NOTES CHKD [illegible] DATE SEP 26 '66

JOB NO. 0882.43

SURVEY OF Long Beach Precise Level Net

SURVEY BY Dreier NOTES Wicks 9-8-66

INDEXED C. J. GALLI DATE

L.B. 3760 PG. 182

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. 1075A TO L.B. 1076
L.B. 1075A									BM L.B. 1075A
1	141	345	442 5	½ 181 / 141 80	148	617	449 5	189 / 107 82	OCEAN & REDONDO N. E. COR.
					300	478	601 5	½ 300 / 265 70	USC&GS RM 2, 1920
2	24	807	325 5	½ 62 / 224 76 / 156	~~299~~	~~911~~	~~600 5~~	½ ~~299~~ / ~~267~~ ~~64~~ / 152	IN E. CURB 19.5' N OF B.C.R.
3	100	632	401 5	114 / 86 ~~28~~ / 184	199	071	500 5	215 / 183 32 / 184	✓
L.B. 1076								184	BM. L.B. 1076
	266	784	✓		648	166	✓	368	OCEAN BLVD. L.B. N. CURB 61 FT. E.
					266	784	✓		OF E. CURB PROD OF EUCLID AVE.
					381	382	✓		

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 9-7-66

INDEXED C. J. GALLI DATE

WEATHER OVERCAST

TIME 8:40 to 9:04

NOTES CHKD [illegible] DATE SEP 26 '66

INST. NO. 9676

ROD NO. 9819

F.B. 3760 PG. 183

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. 1076 TO L.B. 1075A
L.B. 1076									B.M. LB. 1076
1	248	526	549 5	278 218 60	11	700	312 5	½ 41 11 60	OCEAN BLVD. N. CURB., & EUCLID AVE
									L.&T. IN N. CURB 6 1/4 E. OF E. CURB
2	280	761	581 5	½ 280 251 58 118	138	640	439 5	167 110 57 117	PROD.
3	168	664	469 5	197 139 58 176	166	292	467 5	196 136 60 177 176	
	697	951			316	632		353	
L.B. 1075A	316	632							L.B. 1075A
+	381	319							OCEAN BLVD. & REDONDO AVE N.E. COR
									U.S.C.&G.S. "R.M. 2, 1920" STD. BR. DISC.
									SET IN E. CURB 19.5 FT. N. OF B.C.R.

WEATHER SUNNY CLEAR INST. NO. 96716

TIME 8:40 TO ROD NO. 9819

NOTES CHKD. [signature] DATE SEP 26 '66

F.B. 3760 PG. 184 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-8-66

INDEXED C. J. GALL DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

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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. 1076 TO L.B. 37
L.B. 1076									B.M. L.B. 1076
1	13	907	314 5	½ 43 13 60	278	290	579 5	½ 278 248 60	OCEAN BLVD. & EUCLID AVE., N. SIDE ~~ESCR~~
									L&T. IN N. CURB, 61.4 FT. E. OF E. CURB
2	4	388	305 5	½ 35 4 62	299	261	600 5	½ 299 269 60	LINE PROD.
				122				120	
3	78	562	379 5	94 62 32	196	378	497 5	213 178 35	
				154				155	
L.B. 37								154	B.M. L.B. 37
	96	857			773	929		309	OCEAN BLVD. & TERMINO AVE., NE COR.
					96	857			L.B. B.M. 4.7 FT. E. & 7 FT. N. OF CURB LINES
					677	072			

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

SURVEY BY G.E. DREIER DATE 9-7-66 WEATHER OVERCAST INST. NO. 96716

NOTES BY G.E. DREIER DATE 9-7-66 TIME 9:05 TO 9:17 ROD NO. 9819

INDEXED DATE NOTES CHKD DATE SEP

F.B. 3760 PG. 185

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 37 TO L.B. 1076
L.B. 37									B.M. L.B. 37
1	301	500	602 5	301 277 48	18	400	319 5	43 ½ 18 50	OCEAN BLVD. & TERMINO AVE. N.E. COR. L.B.B.M. 4.7 FT. E. & 7 FT. N. OF CURB LINES
2	300	497	601 5	1 300 2 277 46 94	35	300	336 5	58 13 45 95	
3	271	575	572 5	299 244 55 149	142	853	443 5	170 114 56 151	
L.B. 1076								149	B.M. ~~187~~ L.B. 1076
	873	572			196	553		300	OCEAN BLVD. & EUCLID AVE.
	196	553							L.&T. IN N. CURB 61.4 FT.
	+ 677	019							E. OF E. CURB PROD. SLY

F.B. 3760 PG. 186 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-7-66

INDEXED C. J. GALLI DATE

WEATHER WINDY CLEAR INST. NO. 96716

TIME 3:16 TO ROD NO. 9819

NOTES CHKD [illegible] DATE SEP 26 '66

76P526 CE # 308 3-65

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JOB NO. 0882.43 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — LONG BEACH
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 96716
NOTES BY G.E. DREIER DATE 9-7-66 TIME 9:17 to 9:30 ROD NO. 244
INDEXED DATE NOTES CHKD. DATE SEP 26 66
F.B. 3760 Pg. 187

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM L.B. 37 TO L.B. 966
L.B. 37						254	B.M. L.B. 37
1	38 733	339 5	½ 71 38 66	221 702	522 5	188 66	OCEAN BLVD & TERMINO AVE, NE COR.
							L.B. B.M. 4.7 FT. E. & 7 FT. N. of COR
2	147 614	448 5	205 89 116 182	150 070	451 5	½ 208 150 116 182 ✓	
L.B. 966						182 ✓	
	186 347 ✓			371 772 ✓		364	B.M. L.B. 966
				186 347 ✓			OCEAN BLVD. & PROSPECT AVE, S. SIDE
			–	185 425 ✓			L.B.T. IN N. END OF

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INST. NO. 76716
ROD NO. 9819
DATE SEP 26 '66
WEATHER CLEAR LT. WIND
TIME 3:05 TO 4:15
NOTES CHKD Olson

F.B. 3760 Pg. 188
JOB NO. 0882.43
SURVEY OF LONG BEACH PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 9-7-66
INDEXED C. J. GALLI DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 966 TO L.B 37
L.B. 966									B.M. L.B. 966
1	120	264	421.5	156 ½ 120 72	129	694	430.5	165 ½ 129 72	OCEAN BLVD. S. SIDE, & PROSPECT AVE. L.&T. IN N. END 3RD. STEP FROM
2	160	250	461.5	195 125 70 142	101	295	402.5	136 66 70 142	BOTTOM (SEAWALL)
3	230	620	531.5	248 212 36 178	94	817	395.5	112 76 36 178 ✓	
L.B. 37								178 ✓	L.B. 37
	511	134	✓		325	806	✓	356	OCEAN BLVD. & TERMINAL AVE, N.E. Cor
	325	806	✓						L.B.B.M. 4.7 FT. E. & 7 FT. N
+	185	328	✓						OF CURB

76P526 CE # 308 3-65

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403 Los Angeles County Engineering Bldg.

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JOB NO. 0882.43 SURVEY OF L.A. CO. PRECISE LEVEL NET — LONG BEACH
SURVEY BY G.E. DREIER — WEATHER OVERCAST — INST. NO. 26716
NOTES BY G.E. DREIER — DATE 9-7-66 — TIME 8:35 AM 2:37 — ROD NO. 7819
INDEXED — DATE — NOTES CHKD. [illegible] DATE SEP 26 '66
F.B. 3760 Pg. 189

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM L.B. 966 TO L.B. 211
L.B. 966							B.M. L.B. 966
1	127 755	428 5	182 / 72 110	183 242	484 5	238 / 128 110	OCEAN BLVD. & PROSPECT AVE., S. L. & T. IN N. END OF 3rd STEP FROM BOTTOM (SEAWALL)
L.B. 211						110	
	127 755			183 242		220	L.B. 211
				127 755			OCEAN BLVD. & PARK AVE., N.E. COR.
				55 487			L.B.B.M. 4.2 FT. N. OF CURB & 2.8

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INST. NO. 26716 ROD NO. 2 #12 DATE SEP 26 '66

WEATHER CLEAR WIND

TIME 2:15 TO 2:05

NOTES CHKD

F.B. 3760 PG. 190

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-7-66

INDEXED C. J. GALLI DATE

JOB NO. 0882.43

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT		MIC.	LEFT.	STADIA		RIGHT		MIC.	LEFT.	STADIA		FROM L.B. 211 TO L.B. 966
L.B. 211					217						184		L.B. 211
1	191		105	492 5	165	52	158		651	459 5	132	52	OCEAN BLVD. & PARK AVE., N.E. COR.
											164		LBBM. 4.2 FT. E. OF CURB, 2.8 FT. N.
2	158		500	459 5	187 129	58 110	135		490	436 5	105	59 111	OF WALK
L.B. 966												110	B.M. L.B. 966 PROSPECT AVE. S. SIDE
	349		605	✓			294		141	✓		221	OCEAN BLVD. & ~~PARK AVE., N.E. COR.~~
	294		141	✓									L.ST. IN 3RD STEP FROM BOTTOM
	+ 55		464	✓									

76P526 CE # 308 3-65

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JOB NO. 0882.43 LONG BEACH
SURVEY BY G.E. DREIER SURVEY OF L.A. CO. PRECISE LEVEL NET
NOTES BY DREIER DATE 9-7-66 WEATHER OVERCAST INST. NO. 26116
TIME 2:43 TO 9:47 ROD NO. 288
INDEXED GALL DATE NOTES CHKD [illegible] DATE
F.B. 3760 Pg. 191

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. L.B. 211 TO L.B. 38
L.B. 211							B.M. L.B. 211
1	190 610	4915	190 ½ 136 108 ✓	196 944	4975	252 140 112	OCEAN BLVD. & PARK AVE., N.E. COR. L.B.B.M. 4.2 FT. E. OF CURB, 2.8 FT. N. OF WALK ✓
L.B. 38	190 610 ✓			196 944 ✓		108 ✓	B.M. L.B. 38
				190 610 ✓		220 ✓	OCEAN BLVD. & GRANADA AVE. N.E. COR. P.C.C. CYLINDER, BRASS KNOB & TIE PNEL
				6 334 ✓			

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

WEATHER CLEAR WINDY TIME 2:50 TO 3:57 NOTES CHKD [illegible]

F.B. 3760 Pg. 192 JOB NO 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-7-66

INDEXED C. J. GALLI DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 38 TO L.B. 211
L.B. 38				226				181	B.M. L.B. 38
1	198	960	499 5	169 57	152	479	453 5	124 57	OCEAN BLVD. & GRANADA AVE. N.E. COR.
				154				193	P.C.C. CYLINDER, BRASS KNOB
2	127	582	428	101 53 ✓	167	793	468 5	140 53 ✓	
				110				110 ✓	
L.B. 211							✓	110 ✓	L.B. 211
	326	542 ✓			320	272		220	OCEAN BLVD. & PARK AVE. N.E. COR.,
	320	272 ✓							L.B.B.M. 4.2 FT. E. OF CURB 2.8 FT
+	6	270							N. OF WALK

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0882.43 SURVEY OF L.A.CO. PRECISE LEVEL NET LONG BEACH
SURVEY BY R.E. DREIER WEATHER OVERCAST INST. NO. 26716
NOTES BY G.E. DREIER DATE 9-7-66 TIME 9:47 & 11:00 ROD NO. 2819
INDEXED C.J. GALLI DATE NOTES CHKD DATE 9-26-66
F.B. 3760 Pg. 193

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM L.B. 38 TO L.B. 212
L.B. 38							L.B. 38
1	183 500	4845	218 148 71	145 000	4465	181 110 71	OCEAN BLVD. & GRANADA AVE, N.E. COR. P.C.C. CYLINDER, BRASS KNOB, & TIE MON.
2	144980	4455	193 95 98 169	✓163 491	4645 ✓	211 163 96 167 ✓	8 FT. E. & 4.5 FT. N. OF CURB
L.B. 212						169 ✓	B.M. L.B. 212
	328480 ✓			308491 ✓		336 ✓	OCEAN BLVD. & GLENDORA AVE. N.W. COR.
	308491 ✓						L.B.M. 4.1 FT. W. OF CURB, 5.3 N. OF WALL
+	19989 ✓						

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F.B. 3760 PG. 194

SURVEY OF Long Beach Precise Level Net JOB NO. 0882.43

SURVEY BY Dreier NOTES Dreier 9-7-66

INDEXED C. J. Galli DATE

WEATHER Clear INST. NO. 96716

TIME 2:33 TO 2:50 ROD NO. 9819

NOTES CHKD Lt wind DATE SEP 26 66

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM L.B. 212 TO L.B. 38
L.B. 212				203					185		B.M. L.B. 212
1	180	225	481 5	157	46	162	059	463 5	139	46	OCEAN BLVD. & GLENDORA AVE., N.W. COR.
				190					199		L.B.B.M. 4.1 FT. W. OF CURB, 5.3 N. OF WALK
2	155	000	456 5	120	70	164	642	465 5	129	70	
					116					116	
3	151	100	452 5	176		179	455	480 5	204		
				127	49				155	49	✓
					165					165	✓
L.B. 38										165	B.M. L.B. 38
	486	325	✓			506	147	✓		330	OCEAN BLVD. & GRANADA AVE., N.E. COR.
						486	325	✓			P.C.C. CYLINDER, BRASS KNOB, &
						19	822	✓			TIE MON. 8 FT. E & 4.5 N. 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	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM L.B. 212 TO BM I-6B
L.B. 212									BM L.B. 212
1	182	030	483 5	157 / 207 50	16~~8~~4	224	46~~6~~5 5	140 / 190 50	OCEAN BLVD. & GLENDORA AVE
									H.W.COR, L.B.B.M. 4.1 FT. W. OF CURB
2	158	569	459 5	134 / 183 49	164	291	465 5	140 / 189 49	5.3 FT. N. OF WALK
				152 99				½ 193 99	
3	171	472	019 5	189 37	193	669	494 5	212 38	
				134				137	
BM I-6B								134	BM I-6B
	512	071			522	184		273	OCEAN BLVD. & BAY SHORE AVE.
					512	071			APPROX. ℄ INT.
					10	113			
					RERUN				
L.B. 212									L.B. 212
1	171	565	472 5	130 / 213 83	158	750	459 5	116 / 199 83	
2	178	355	479 5	152 / 204 52	201	650	502 5	½ 201 / 227 52	
				135				135	
								135	
BM I-6B									B.M I-6B
	349	920			360	400		270	
	~~360~~	~~400~~			349	920			
	~~89~~	~~520~~			10	480			

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

SURVEY BY G.E. DERIER

NOTES BY WILKS DATE 9-1-66

INDEXED C. J. GALLI DATE

WEATHER WIND - SUN INST. NO. 96716

TIME 2:50 - 3:05 ROD NO. P819

NOTES CHKD [signature] DATE SEP 26 '66

F.B. 3760 PG. 195

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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.

WEATHER Wind - Sun INST. NO. 9676
TIME 2:35 - 2:50 ROD NO. 9819
NOTES CHKD DATE SEP 26 '68

F.B. 3760 Pg. 196
SURVEY OF Long Beach Freeway Level Net
SURVEY BY G.E.D. NOTES Wilkes (9-1-66)
INDEXED C. J. GALLI DATE
JOB NO. 0882.43

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM I-6B TO L.B. 212
BM I-6B					½ 197						142		BM I-6B
1	197	119	498	5	218	42	168	279	469	5	190	44	Ocean Blvd. & Bayshore Ave. Approx. & Int.
					126						130		
2	152	410	453	5	178	52	155	671	456	5	180	50	
					146	94					161	94	
3	166	038	467	5	182	40	181	153	482	5	201	40	✓
						134						134	✓
BM L.B. 212												134	BM L.B. 212
	515	567	✓				505	103	✓			268	Ocean Blvd. & Glendora Ave.
	505	103	✓										N.W. Cor., L.B.B.M. 4.1 Ft.
+	10	464	✓										W. of curb & 5.3 Ft. N. of walk.

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 BM I-6B TO L.B. 39
BM I-6B									BM I-6B
				173				184	OCEAN BLVD. & BAY SHORE AVE.
1	193	170	494 5	213 40	205	800	506 5	226 42	APPROX. ℄ INT.
L.B. 39								40	BM L.B. 39
	193	170			205	800		82	OCEAN BLVD. & 54TH PL. N.E. COR.
					193	170			L.B. B.M. 1.7 FT. E. & 9 FT. N. OF CURBS
					12	630			

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 9-1-66

INDEXED C. I. GALLI DATE

WEATHER WIND-SUN INST. NO. 96716

TIME 3:10 - 3:15 ROD NO. 9819

NOTES CHKD. [signature] DATE SEP 26 '66

F.B. 3760 PG. 197

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3760 Pg. 198 JOB NO. 0882.43

SURVEY OF Long Beach Regional Level Net

SURVEY BY G.E.D. NOTES Wilcox (9-1-66)

INDEXED C. I. GALLI DATE

WEATHER Sun - Wind INST. NO. 96716

TIME 2:30 - 2:35 ROD NO. 92/19

NOTES CHKD [illegible] DATE Sept 26 '66

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 39 TO BM I-6B
L.B. 39									BM L.B. 39
				180				½ 186	OCEAN BLVD. & 54TH PL. N.E. COR.
1	199	512	500	5 28 38	186	927	487	5 20 40	L.B.B.M. 1.7 AT E. & 9 FT. N. OF CURBS
BM I-6B								38	BM I-6B
	199	512	✓		186	927	✓	78	OCEAN BLVD. & BAY SHORE
	186	927	✓						AVE. APPROX. & INT.
+	12	585	✓						

76P526 CE # 308 3-65

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — LONG BEACH
SURVEY BY G.E. DEELEY WEATHER WIND - SUN INST. NO. 9414
NOTES BY WILKS DATE 9-1-66 TIME 3:15 - 3:25 ROD NO. 9419
INDEXED DATE NOTES CHKD DATE SEP 26 '66
F.B. 3760 Pg. 172

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM BM L.B. 39 TO BM L.B. 967
~~B.M. Alamitos B~~							
BM L.B. 39			172 / 220			150	BM L.B. 39
1	196 610	497 5	48	172 732	473 5	194 44	OCEAN BLVD. & 54TH PL. N.E. COR.
			130			154	L.B.B.M. 1.7 FT. E. & 9 FT. N. OF CURB
2	165 470	466 5	200 70	193 350	494 5	228 72	✓
			118			114	
BM LB. 967		✓				118 ✓	BM L.B. 967 (L.B. I-6A)
	362080			366 082 ✓		234	OCEAN BLVD. 600'± W.
				362 080 ✓			OF 55TH PL. ON ℄
				4002 ✓			CO. TRAV. STA.
				RERUN 9-7-66			
L.B. 39			172			147	BM L.B. 39
1	198 735	499 5	223 51	174 610	475 5	201 54	
			136			166	
2	190 311	481 5	203 47	198 565 ✓	499 5	229 63 ✓	
			118			117 ✓	
						118 ✓	
L.B. 967		✓				✓	BM L.B. 967
	369046			373 175 ✓		235	
				369 046 ✓			
				4 129 ✓			

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM LB. 967 TO L.B. 39
LB. 967									B.M. L.B. 967 (L.B. I-6A)
1	199	597	500 5	172 / 226 54	155	677	456 5	129 / 181 52	OCEAN BLVD. 622± W. OF 55TH PL., CO. TRAV. STA.
2	164	772	465 5	134 / 194 60	204	380	505 5	174 / 234 60	
				114				112	
L.B. 39								114	L.B. 39
	364	369			360	057		226	OCEAN BLVD. & 54TH PL. N.E. COR.
	360	057							L.B.B.M. 1.7 FT. E. & 9 FT. N. OF CURB
	4	312							
					RERUN		9-7-66		
L.B. 967									B.M L.B. 967
1	195	348	496 5	158 / 232 74	147	520	448 5	111 / 183 72	
2	165	809	466 5	143 / 186 43	209	585	510 5	186 / 231 45	
				117				117	
								117	
L.B. 39									BM L.B 39
	361	157			357	105		234	
	357	105							
+	4	052							

WEATHER SUN - WIND INST. NO. 96716
TIME 2:20 - 2:30 ROD NO. 9819
NOTES CHKD [signature] DATE SEP 26 '66

F.B. 3760 PG. 200 JOB NO. 0882.43
SURVEY OF LONG BEACH PRECISE LEVEL NET
SURVEY BY G.E.D. NOTES WILKS (9-1-66)
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 967 TO L.B. 224
BM. LB. 967				174				134	B.M. LB. 967 (L.B. I-6A)
1	200	511	501 5	227 53	150	505	451 5	177 53	OCEAN BLVD. 622+ FT. W. OF 55th PL.
	~~161~~	~~010~~	~~462 5~~	140	~~172~~	~~810~~	~~473 5~~	150	CO. TRAV. STA.
2	~~172~~	~~810~~	~~473 5~~	183 43	~~161~~	~~010~~	~~462~~	193 43	
				96				96	
L.B. 224								95	BM L.B. 224
	361	521			323	315		191	P.C.C. Cyl. & Brass Knob 1' Back of
	323	315							Ctr. Curb Ret. S.E. Cor. Ocean
	38	206							& 55th Pl.

JOB NO. ~~C301-02~~ 0882.43 SURVEY OF ~~L.A. CO.~~ LONG BEACH PRECISE LEVEL NET

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

NOTES BY Wilks DATE 9-7-66 TIME 11:35 - 11:40 ROD NO. 9 & 19

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

F.B. 3760 Pg. 201

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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. 3760 Pg. 202 JOB NO. 0882.43

SURVEY OF Long Beach Precise Levelnet

SURVEY BY Dreies NOTES Wilkes (9-1-61)

INDEXED C. J. GALLI DATE

WEATHER Sun - Wind INST. NO. 96716

TIME 2:10 - 3:30 ROD NO. 2819

NOTES CHKD [illegible] DATE SEP 26 '66

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM L.B. 224 TO L.B.967
Bm. LB 224					186						140		B.M. L.B. 224
1	168	785	469	5	190	44	162	510	463	5	184	44	P.C.C. CYL. & BRASS KNOB 1 FT BACK OF
					121		+				165		CTR. CB. RET. S.E. COR OCEAN & 65TH PL.
2	147	272	448	5	173	52	191	738	492	5	217	52	✓
						96						96	✓
BM LB. 967												96	✓ BM L.B. 967 (L.B. I-6A)
	316	057	✓				354	248	✓			192	✓ OCEAN BLVD. 622' W. 55TH PLACE
							316	057	✓				CO. TRAV. STA.
							38	191					

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 L.B. 224 TO L.B. 979
L.B. 224									B.M. L.B. 224
1	176	325	477.5	191 162 29	172	138	473.5	187 158 29	OCEAN BLVD. & 55TH PL. S.E. COR
2	135	784	436.5	175 95 80 109	175	446	476.5	215 135 80 109	P.C.C. CYLINDER, BRASS KNOB IN CTR OF C.R. 1 FT. BACK OF CURB
3	146	166	447.5	171 120 51 160	160	560	461.5	185 135 50 159	
L.B. 979								160	L.B. 979
	458	275			508	144		319	OCEAN BLVD & 57th PL
					458	275			BOLT IN N. CURB CTR. DIV. AT E.
					49	869			CURB PROD. S'LY

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

SURVEY BY G. E. DREIER

NOTES BY DREIER DATE 9-7-66

INDEXED C. J. GALLI DATE

WEATHER CLEAR

TIME 11:40 TO 1:53

NOTES CHKD [signature] DATE SEP 26 '66

INST. NO. 96716

ROD NO. 9819

F.B. 3760 PG. 203

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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

3-16D

Do not extend notes this side of this line.

F.B. 3760 Pg. 204 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY C. J. GALL NOTES SIEMANN 8-31-66 DATE

INDEXED DATE

WEATHER SUN - WIND INST. NO 26716

TIME 2:15 TO 3:27 ROD NO 7412

NOTES CHKD DATE 9-26-66

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 979 TO L.B. 224
B.M. L.B. 979									B.M. L.B. 979
1	154	111	455	5	132	550	433	5	OCEAN BLVD. & 57TH PL.
				193 / 117 / 76				170 / 94 / 76	CTR. ISLAND N, CURB, BOLT ON
2	164	362	465	5	152	825	453	5	E. CURB PROD SLY.
				189 / 139 / 50 / 126				177 / 127 / 50 / 126	
3	180	647	481	5	163	792	464	5	
				199 / 161 / 38 / 164				181 / 145 / 36 / 162 ✓	
B.M. L.B. 224			✓	164 / 326 ✓			✓	164 ✓ / 326 ✓	B.M. L.B. 224
	499	120	✓		449	167	✓		OCEAN BLVD. & 55TH PL.
	449	167	✓						S.E. COR. R.C.C. CYLINDER
+	49	953	✓						BRASS KNOB IN CTR OF
									C.R. 1 FT. BACK OF CURB

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 979 TO L.B. 225
L.B. 979									BM L.B. 979
1	161	130	462 5	204 118 86	154	232	455 5	197 112 85	OCEAN BLVD. & 57TH PL. CTR. ISLAND, N. CURB
2	172	690	473 5	210 135 75 161	203	333	504 5	241 165 76 161	
L.B. 225								161	B.M. L.B. 225
	333	820			357	565		322	OCEAN BLVD. & 62nd PL. N.E. COR
					333	820			L.B.B.M. 3.1' E. OF CURB & 10.8 FT. N. OF WALL
					23	745			

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

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

NOTES BY WILLIS DREIER DATE 9-7-66 TIME 1:10 TO 1:20 ROD NO. 96419

INDEXED DATE NOTES CHKD [signature] DATE SEP 26 66

F.B. 3760 PG. 205

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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

3-166

Do not extend notes this side of this line.

WEATHER SUN - WINDY INST. NO. 96716
TIME 2:45 TO 3:15 ROD NO. 9417
NOTES CHKD [illegible] DATE SEP 26 '66

F.B. 3760 PG. 206
SURVEY OF LONG BEACH PRECISE LEVEL NET
SURVEY BY DREIER NOTES SIEMANN 8-31-66
INDEXED C. J. GALL DATE

JOB NO. 0882.43

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 225 TO L.B. 979
B.M.L.B. 225									B.M.L.B. ~~979~~ 225
1	183	603	484	5	154	133	455	5	OCEAN BLVD. & 62ND PL.
				218 183 70				189 119 70	N.E. COR., L.B.M. 3, 1FT. E. OF
2	143	654	444	5	164	622	465	5	CURB 10.8 FT. N. OF WALK
				171 115 56				192 136 56	
				126				126	
3	157	396	458	5	142	085	443	5	
				176 138 38				160 124 36	
				164 ✓				162 ✓	
B.M.L.B. 979				N.G.				164	B.M.L.B. 979
	484	653	✓	326	460	840	✓	326	OCEAN & 57TH PL. CTR. DIV.
	460	840	✓						N. CURB., BOLT ON E. CURB
	+ 23	813	✓						PROD.

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM L.B.225 TO L.B.980
L.B.225							BM L.B.225
1	202 930	503 5	214 191 23	165 150	466 5	176 154 22	OCEAN BLVD. & 62ND PL. N.E. COR.
2	161 322	462 5	182 139 43 66	204 817	505 5	225 183 42 64	L.B.B.M. 3 FT. E. OF CURB, 10.8 FT. N. OF WALK
L.B. 980						66	L.B. 980
	364 252 ✓			369 967 ✓		130	OCEAN BLVD. & 64th PL. ℄
				364 252 ✓			CO. TRAV. STA. J-7A ON ℄ S. PART
				5 715 ✓			OF OCEAN BLVD.

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

SURVEY BY G.E. DREIER DATE 9-7-66 WEATHER CLEAR LT WIND INST. NO. 96716

NOTES BY G.E. DREIER DATE 9-7-66 TIME 1:20 TO 1:28 ROD NO. 9E19

INDEXED C. I. GALLI DATE NOTES CHKD [illegible] DATE 9-26-66

F.B. 3760 PG. 207

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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

2-68

Do not extend notes this side of this line.

WEATHER SUN WINDY INST. NO. 26716
TIME 2:55 TO 3:05 ROD NO. 2019
NOTES CHKD DATE SEP 26 '66

F.B. 3760 Pg. 208
SURVEY OF LONG BEACH JOB NO. 0882.47
SURVEY BY ZEIER NOTES SIEMANN (8-31-66)
INDEXED C. J. GALLI DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 980 TO L.B. 225
B.M. L.B. 980				243				198	B.M. L.B. 980 (L.B. J-7A)
1	211	111	512 5	179 64	166	274	467 5	134 64	OCEAN BLVD. & 64TH PL. E. SIDE
									CO. TRAV. STA.
~~B.M.~~ 2	135	790	436 5	141 129 12	175	132	476 5	182 167 13	
				76				77	
				77				76	
B.M. L.B. 225									B.M. L.B. 225
	346 901		✓	167	341 406		✓	153	OCEAN BLVD. & 62ND PL. N.E. COR.
	341 406		✓						L.B.B.M. 3 FT. E. OF CURB, 10.8 FT
+	5 495		✓						N. OF WALK
				RERUN 9-7-66					
L.B. 980				232				189	
1	207	003	508 5	182 50	163	132	464 5	139 52	L.B. 980 (L.B. J-7A)
				166				204	
2	158	462	459 5	149 17	196	550	497 5	188 16	
				67				68	
L.B. 225								67	L.B. 225
	365 465		✓		359 682		✓	135	
	359 682		✓						
+	5 783		✓						

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. 0882.43 LONG BEACH
SURVEY BY: G.E. DREIER SURVEY OF L.A. CO. PRECISE LEVEL NET
NOTES BY: R. T. GALE DATE 9-7-65 WEATHER CLEAR INST. NO. 2214
INDEXED DATE NOTES CHKD DATE TIME 1:30 TO 1:35 ROD NO. 9419
F.B. 3760 Pg. 209

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 980 TO L.B. 226
L.B. 980									BM L.B. 980 (L.B. J-7A)
1	201	868	502 5	250 153 97	168	900	469 5	217 168 98	OCEAN BLVD. & 64TH PL. ℄ S. SIDE
									CO. TRAV. STA. L.B. J-7A
&								97	
L.B. 226								195	L.B. 226
	201	868			168	900			OCEAN BLVD. & 67TH PL. N.E. COR
	168	900							L&T. IN N. CURB 6 FT. E. OF C.R.
	+ 32	968							

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2-10

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F.B. 3760 Pg. 210 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (8-31-66)

INDEXED C. J. GALLI DATE

WEATHER SUN WINDY INST. NO. 96716

TIME 2:45 TO 2:55 ROD NO. 9612

NOTES CHKD DATE SEP 26 66

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 226 TO L.B. 980
B.M. L.B. 226									B.M. L.B. 226
1	156	484	457	5 ½ 188 156 64	157	422	458	5 190 125 65	OCEAN BLVD. & 67TH PL. N.E. COR.
									L. & N. IN N. CURB 6 FT E. OF C.R
2	~~168~~ ~~159~~	618	~~469~~ ~~460~~	5 186 150 36	200	580	501	5 217 184 33	
				100				98 ✓	
B.M. L.B. 980								100 ✓	B.M. L.B. 980 (L.B. J-7A)
	325	102 ✓			358	002 ✓		198 ✓	OCEAN BLVD & 64TH PL. E. S.
					325	102 ✓			CO. TRAV. STAT. J-7A
					− 32	900 ✓			

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. ~~480~~ 226 TO L.B. ~~226~~ 1100-A
L.B. 226									L.B. 226
1	153	498	454 5	171 135 26	162	341	463 5	182 142 40	OCEAN BLVD. & 67TH PL. N.E. COR.
									L.&T. IN N. CURB 6 FT. E. OF E. END C.R.
2	143	691	444 5	176 111 65 101	134	273	435 5	165 103 62 102	
3	182	925	483 5	210 155 55 156	167	664	468 5	195 139 56 158	
L.B. 1100-A								156	L.B. 1100-A
	480	114			464	278		314	OCEAN BLVD. & 72nd PL. S.W. COR
	464	278							L.B.B.M. 21 FT. S. OF S. END C.R. &
+	15	836							6 FT W. OF CURB

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

SURVEY BY G.E. DREIER DATE 9-7-66 WEATHER CLEAR LT. WIND INST. NO. 96716

NOTES BY G.E. DREIER DATE 9-7-66 TIME 1:38 TO 1:50 ROD NO. 9619

INDEXED C. I. GALLI DATE NOTES CHKD [illegible] DATE

F.B. 3760 PG. 211

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

3-156

Do not extend notes this side of this line.

P.B. 3760 Pg. 212 JOB NO. 0882.43

SURVEY OF LONG BEACH PRECISE LEVEL NET

SURVEY BY PREIER NOTES SIEMANN (8-31-66)

INDEXED C. I. GALLI DATE

WEATHER SUN WINDY INST. NO. 26716

TIME 2:30 TO 2:45 ROD NO. 9618

NOTES CHKD [illegible] DATE SEP 26 '66

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM L.B. 1100A TO L.B. 226
B.M. L.B. 1100 A									B.M. L.B. 1100 A
1	162	330	463	5	179	962	480	5	OCEAN BLVD. & 72ND PL. 50'
				196 128 68				213 145 68	S. OF S.W. COR. IN H.H. BEHIND
2	146	481	447	5	152	000	453	5	CURB
				175 118 57				181 123 58	
				125				126	
3	161	418	462	5	154	060	455	5	
				181 142 39				173 136 37	
				164				163	
B.M. L.B. 226								164	B.M. L.B. 226
	470	229	✓		486	022 ✓		327	OCEAN BLVD. & 67TH PL. N.E. COR.
					470	229 ✓			
					15	793 ✓			

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 L.B. 1100-A TO ALAMITOS W.
L.B. 1100-A								BM L.B. 1100A
1	192 366	493 5	208 176 32		14 854	315 5	30 14 32	OCEAN BLVD. & 72ND PL. 50'± S. OF S.W. COR. IN H.H. 6 FT. BEHIND CURB
ALAMITOS W.							32	ALAMITOS WEST
	192 366				14 854		64	OCEAN AVE & 72nd PL, EAST SIDE B.SPK IN LEAD IN N.W. COR OF CONC BASE OF SIREN
	14 854							
+	177 512							

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

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

NOTES BY G.E. DREIER DATE 9-7-66 TIME 1:54 PM ROD NO. 9615

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

F.B. 3760 PG. 213

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

1 - 30

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ALAMITOS W. TO L.B 1100A
BM. ALAMITOS W.									B.M. ALAMITOS W.
1	16	285	317 5	¼ 32 0 32	193	732	494 5	209 177 32	BT. SPK. IN LEAD N.W. COR. CONC. SIREN BASE
L.B 1100A								32	BM. L.B. 1100A
	16	285			193	732		64	OCEAN BLVD. & 72nd PL. IN H.H. 50± S. OF S.W. COR.
					16	285			
					177	447			

P.B. 3760 Pg. 214 JOB NO. 0882.43

SURVEY OF LONG BEACH PRESICE LEVEL NET WEATHER SUN-WINDY INST. NO. 96716

SURVEY BY G. E. DREIER NOTES SIEMANN (8-31-66) TIME 2:25 TO 2:30 ROD NO. 9 & 19

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

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. 1ST 25. W.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT ~~RIGHT~~	~~MIC.~~	~~LEFT~~	~~STADIA~~	DESCRIPTION AND REMARKS ALAMITOS FROM B.M. WEST TO B.M. EAST
				72	TOP		LEVEL	BOT.	
1	70	110	371 5	68 4	42	3	29 8	13 8	
2					40	8	30 4	14 7	
3					41	2	30 0	14 1	
4					41	7	30 2	14 7	
5					41	0	30 7	14 1	
6					41	7	30 7	13 7	
7					41	8	30 7	14 3	
8					42	3	30 8	15 0	
9					41	7	30 8	14 8	
10					42	7	31 0	14 9	
11					42	8	30 9	15 6	West targets set at:
12					43	0	31 0	15 4	
13					42	5	31 4	16 3	Top = 138.000
14					43	3	31 9	15 6	Bot = 132.000
15					43	2	31 2	15 9	
16					43	4	31 6	16 0	
17					43	7	32 0	15 8	
18					43	3	32 0	16 2	
19					43	9	31 6	16 5	
20					43	5	31 2	16 1	
21					44	1	31 7	16 0	
22					43	2	32 2	16 1	
23					43	7	32 6	15 9	
24					44	2	32 0	16 3	
25					44	7	31 9	16 2	
				Σ =	1069	9	780 3	384 0	
				Mean =	42	796	31 212	15 360	

JOB NO. ~~0301.02~~ 0882.P SURVEY OF ~~L.A. CO.~~ L.B. PRECISE LEVEL NET

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 8-31-66

INDEXED C. J. GALLI DATE

WEATHER Cloudy & Mild INST. NO. 75234

TIME 10:02 TO 10:15 ROD NO. 9-19

NOTES CHKD. RMS DATE 2 Sept 66

F.B. 3760 PG. 215

F.B. 3760 Pg. 216

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD. DATE

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403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

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

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

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

Do not extend notes this side of this line. ~~1st~~ 25. E

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM ALAMITAS E. TO ALAMITAS W.
ALAMITAS E.					TOP		LEVEL	BOTTOM	ALAMITAS EAST. B/SPK IN
1	131	052	432 5	134 129 5	1	~~10~~ 43 4	28 2	10 9	ROCK.
					2	43 4	27 0	9 0	
					3	41 9	26 4	9 2	
					4	42 4	26 8	8 3	⊼ D. WILKS
					5	42 1	26 0	8 2	
					6	41 8	25 7	7 2	
					7	41 9	25 2	8 0	
					8	41 0	25 6	8 4	~~W~~ EAST TARGETS
					9	41 2	25 3	7 5	
					10	40 4	24 8	8 1	TOP ~~63.000~~ 68.000
					11	41 2	24 8	7 1	BOTTOM ~~68.000~~ 63.000
					12	40 8	24 8	7 0	
					13	41 3	24 7	7 2	
					14	41 1	25 0	6 8	
					15	40.9	24 9	7 4	
					16	40 7	24 6	6 7	
					17	40 3	24 6	7 6	
					18	41 3	24 4	7 2	
					19	40 7	24 8	8 0	
					20	40 8	25 0	6 6	
					21	41 0	25 0	6 9	
					22	40 5	24 7	6 8	
					23	40 9	24 6	6 8	
					24	40 6	24 7	6 6	
					25	40 9	24 3	7 2	
ALAMITAS W.					26	40 7	24 4	7 1	
					27	40 7	24 1	6 5	
				SUM		1113 9	680 4	204 3	
				MEAN		41.256	25.200	7.567	

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

SURVEY BY G. E. DREIER

NOTES BY A. WORKMAN DATE 8-31-66

INDEXED C. J. GALLI DATE

WEATHER SUNNY

TIME 10:02 10:15

NOTES CHKD [signature]

INST. NO. 96716

ROD NO. 9 & 19

DATE 2-7-66

F.B. 3760 PG. 217

F.B. 3760 Pg. 218 JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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

76P526 CE # 308 3-65

PLEASE RETURN TO

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

Do not extend notes this side of this line. 2nd 25 W.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM ALAMITAS W. TO ALAMITAS E.
ALAMITAS W.				71	TOP		LEVEL	BOTTOM	ALAMITAS W.
27	69 ~~70~~	956	370 5	67 4	1	34 9	24 9	6 6	B/SPK. IN LEAD TOP OF CONCRETE
					2	34 9	24 5	8 1	BASE OF HARBOR SIREN
					3	35 8	24 8	8 6	
					4	34 9	26 0 ~~24 0~~	7 9	
					5	35 1	25 8	8 1	⊼ B. SIEMAN
					6	34 5	25 3	7 7	
					7	34 7	26 0	7 8	
					8	35 0	25 3	8 3	WEST TARGETS
					9	35 5	25 9	8 5	
					10	35 5	25 5	8 8	TOP 138
					11	35 2	26 0	9 0	BOTTOM 132
					12	35 8	25 9	9 3	
					13	36 7	26 2	9 8	
					14	35 6	26 1	9 0	
					15	35 8	25 7	9 3	
					16	36 3	25 9	8 9	
					17	35 8	26 0	9 3	
					18	35 5	25 4	9 0	
					19	37 0	26 0	8 5	
					20	35 9	25 8	9 3	
					21	35 8	25 9	8 0	
					22	36 0	26 0	9 0	
					23	35 0	25 5	9 2	
					24	35 2	25 6	8 8	
					25	35 9	25 7	9 5	
					26	35 2	25 0	8 0	
					27	35 1	25 0	8 2	
ALAMITAS				SUM		958 6	691 7	232 5	
				MEAN		35.504	25.619	8.611	

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

SURVEY BY G. E. DREIER

NOTES BY A. WORKMAN DATE 8-31-66

INDEXED C. J. GALLI DATE

WEATHER (COLD) OVERCAST (RAIN) INST. NO. 96716

TIME 10:45 11:09 ROD NO. 9 & 19

NOTES CHKD. [illegible] DATE 2 Sep 66

F.B. 3760 PG. 219

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Do not extend notes this side of this line.

INST. NO. _____
ROD NO. _____
DATE _____
WEATHER _____
TIME _____
NOTES CHKD _____

F.B. 3760 Pg. 220
JOB NO. _____
SURVEY OF _____
SURVEY BY _____ NOTES _____
INDEXED _____ DATE _____

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

76P526 CE # 308 3-65

PLEASE RETURN TO
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403 Los Angeles County Engineering Bldg.

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Do not extend notes this side of this line. 2nd 25 E.

JOB NO. 0982-43 SURVEY OF L.A. CO. PRECISE LEVEL NET L.B.
SURVEY BY R.C. Reuters
NOTES BY Mickey M.F. DATE 31-Aug-64
C. J. Gall DATE
INDEXED
WEATHER OVER CAST INST. NO. 22234
TIME 10:46 To 11:09 ROD NO. 2-19
NOTES CHKD DATE 2 Sept 64
F.B. 3760 Pg. 24

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	~~RIGHT~~ MIC.	~~LEFT.~~	~~STADIA~~		Alternate FROM BM. East TO BM. West
				TOP	LEVEL	BOT		
1.				42.2	26.3	07.8		
2.				41.8	26.6	07.4		
3.				42.8	27.2	08.3		
4.				42.3	27.2	08.1		
5.				42.7	27.6	07.9		
6.				42.5	26.3	08.2		
7.				43.2	27.8	08.3		
8.				43.0	27.0	08.3		
9.				43.3	27.2	07.8		
10.				42.9	27.1	07.7		East Targets set at
11.				43.1	27.3	08.7		
12.				45.2	27.3	09.8		Top 68.000
13.				44.9	27.3	09.5		Bot 63.000
14.				44.2	27.2	09.1		
15.				44.3	27.2	08.4		
16.				42.9	27.7	09.2		
17.				44.0	27.5	07.7		
18.				43.2	27.9	08.3		
19.				44.2	27.8	09.7		
20.				43.8	27.8	09.1		
21.				43.2	27.9	08.0		
22.				42.6	27.7	08.8		
23.				44.5	27.9	08.2		
24.				43.2	27.9	08.2		
25.	131	1468	1432.5	133 129	43.8	28.1	08.7	
				Σ =	1083.8 ✓	684.8 ✓	211.2 ✓	
				Mean =	43.352 ✓	27.392 ✓	8.448 ✓	

F.B. 3760 Pg. 222

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

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403 Los Angeles County Engineering Bldg.

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

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. 3rd 25 W.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM ALAMITOS W. TO ALAMITOS E.
ALAMITOS W.						TOP	LEVEL	BOTTOM	ALAMITOS W.
1	69	955	370 5	67/71	1	37 9	24 0	9 2	BT. SPK. & LEAD IN N. WLY COR.
					2	38 0	23 6	10 2	CONCRETE BLOCK BASE OF
					3	38 8	23 4	9 9	HARBOR SIREN?
					4	37 4	22 9	9 6	
					5	36 6	24 0	9 7	
					6	37 8	22 9	8 9	
					7	36 8	23 1	9 2	WEST TARGET
					8	37 9	23 6	8 8	
					9	37 7	23 5	9 7	TOP 138,000
					10	36 7	23 3	8 1	
					11	36 0	25 0	9 8	BOTTOM 132,000
					12	36 8	23 1	9 3	
					13	37 1	23 3	8 9	π WORKMAN
					14	37 5	23 6	9 8	
					15	36 3	22 5	8 9	
					16	36 2	22 2	9 4	
					17	37 7	22 8	8 2	
					18	37 0	22 8	8 8	
					19	37 0	23 0	9 0	
					20	36 5	22 7	9 7	
					21	36 3	22 7	8 5	
					22	36 8	21 9	8 9	
					23	37 7	23 1	9 3	
					24	36 4	22 0	8 6	
					25	36 1	22 7	8 2	
						927 0	577 7	228 6	
						37 080	23.108	9.144	

JOB NO. ~~[illegible]~~ 2.43 SURVEY OF ~~L.A.~~ LONG BEACH CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER WEATHER OVERCAST - WINDY INST. NO. 96716

NOTES BY WILKS DATE 8-31-66 TIME 11:21 ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD [signature] DATE 25 Sept 66

F.B. 3760 PG. 223

F.B. 3760 Pg. 224

JOB NO.

SURVEY OF

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.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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

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.

(3)

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

SURVEY BY R.C. Bowers

NOTES BY R.D. Anderson DATE 31-Aug-66

INDEXED C. J. GALLI DATE

WEATHER Over Cast

TIME 11:21 To 11:41

NOTES CHKD. [illegible]

INST. NO. 75234

ROD NO. 9-19

DATE 29/66

F.B. 3760 PG. 225

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
					TOP		LEVEL	BOT	FROM BM East (Alameda) TO BM. West
1.	131	468	432 5	133 129 4	39	9	25 4	07 3	
2.					40	0	25 3	07 3	
3					39	4	26 3	06 7	
4					39	9	26 2	06 8	
5					40	1	25 3	07 0	
6					38	8	26 2	06 8	
7					39	8	25 6	07 2	
8					40	8	25 8	07 2	
9					39	8	25 2	07 2	East Targets set at
10					39	8	25 6	06 2	
11					40	2	25 2	07 0	TOP 68
12					40	5	25 8	06 5	BTM. 63
13					40	3	25 5	07 2	
14					40	2	25 4	07 0	
15					40	2	25 1	06 1	
16					40	3	25 8	07 3	
17					39	6	25 0	07 0	
18					40	5	25 3	07 3	
19					40	8	25 3	06 5	
20					40	3	25 2	06 2	
21					39	3	25 7	07 4	
22					39	6	25 2	07 4	
23					39	7	25 1	06 2	
24					40	1	25 4	07 3	
25					40	5	25 3	06 9	
				Σ =	1000	4	637 2	173 0	
				Mean =	40	016	25.488	6920	

F.B. 3760 Pg. 226

JOB NO.

SURVEY OF

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.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 ____

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.

(4)

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

SURVEY BY R.C. Bowers

NOTES BY T.A. DonLevy DATE 8-31-66

INDEXED C. I. GALLI DATE

WEATHER overcast INST. NO. 75234

TIME 12:13 To 12:25 ROD NO. 9-19

NOTES CHKD. [illegible] DATE [illegible]

F.B. 3760 Pg. 227

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
					TOP		LEVEL	BOTTOM	FROM BM West TO BM East
1					33	8	20 3	05 ~~0~~ 8	
2					34	4	19 9	05 ~~0~~ 1	
3					34	5	18 9	05 5	
4					34	8	20 5	05 8	
5					34	7	19 4	05 8	
6.					34	3	19 3	04 9	
7.					34	8	18 9	05 4	
8.					34	9	18 3	05 4	
9.					34	5	18 9	04 8	
10.					34	5	17 9	05 7	WEST TARGET SET at
11.					34	0	18 0	05 8	
12					34	3	17 8	05 5	TOP 138
13					33	5	18 2	04 8	BTM. 132
14					33	9	17 9	04 9	
15					33	9	17 2	04 5	
16					33	5	16 8	05 1	
17					34	3	17 8	04 9	
18					33	5	18 2	05 1	
19					34	2	17 9	04 9	
20					33	8	16 2	05 2	
21					34	2	17 9	04 3	
22					34	0	18 2	04 5	
23					33	5	18 3	03 9	
24					33	1	17 8	04 5	
25	70.6	25	371 5	72 68 4	33	8	19 0	05 3	
					~~34~~	~~7~~			
				Σ =	852	7	459 5	127 4	
				Mean =	34	108	18.380	5.096	N.G.

F.B. 3760 Pg. 228

JOB NO.

SURVEY OF

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 3-65

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. 4 ± L 25 E.

JOB NO. 0301-02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO. 2611
NOTES BY A. WORKMAN DATE 8-31-66 TIME 12:13 12:25 ROD NO. 2419
INDEXED C. I. BALL DATE NOTES CHKD DATE

F.B. 3760 Pg. 229

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ALAMITAS E. TO ALAMITAS W.
ALAMITAS E.				TOP	LEVEL	BOTTOM	ALAMITAS E. B/SPK. IN ROCK
1	131 027	432 5	134	1 422	260	89	
			129 5	2 424	261	75	
				3 427	263	78	
				4 425	269	81	T WILKS
				5 428	259	84	
				6 414	256	82	
				7 415	253	74	
				8 417	258	74	
				9 421	257	79	EAST TARGETS
				10 422	257	73	
				11 417	262	73	TOP 68,000
				12 419	258	77	BOTTOM 63,000
				13 418	256	79	
				14 426	262	80	
				15 423	256	73	
				16 423	253	76	
				17 432	258	75	
				18 425	259	92	
				19 424	258	88	
				20 414	257	87	
				21 422	254	84	
				22 422	251	78	
				23 423	253	91	
				24 416	254	80	
				25 431	250	78	
				26 418	257	86	
				27 428	263	85	
			SUM	11396	6944	2171	
			MEAN	42.207	257.185	8.041	

F.B. 3760 Pg. 230

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

409 Los Angeles County Engineering Bldg.

NOTE! ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 ____

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. 1ST 25 W.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT ~~RIGHT~~ MIC. Top	~~LEFT.~~ Level	~~STADIA~~ BOT	DESCRIPTION AND REMARKS FROM Alamitos West TO Alamitos East
1	70	232	371 5	72 68 4	36 8	27 9	10 2	
2					38 4	28 3	09 6	
3					37 9	27 8	09 1	
4					38 4	27 8	09 3	
5					38 2	28 1	09 3	
6					37 6	28 0	09 7	
7					37 5	28 0	09 4	
8					37 7	27 3	09 6	
9					37 7	27 6	09 9	
10					37 4	27 9	09 9	
11					37 2	27 8	09 5	
12					37 3	27 7	09 9	
13					37 8	27 9	09 5	West targets set @
14					38 1	27 8	09 2	
15					37 5	27 9	09 3	Top = 138.000
16					38 2	27 8	09 9	BOT = 132.000
17					37 7	27 4	09 2	
18					37 6	27 8	09 7	
19					37 5	27 9	10 0	
20					37 4	27 7	09 9	
21					37 4	27 7	09 3	
22					37 9	28 0	09 6	
23					38 3	27 9	09 4	
24					38 4	27 2	09 5	
25					37 5	27 1	10 1	
2					943 4	694 3	240 0	
					37 736	27 72	9 600	

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

SURVEY BY R.C. Bowers

NOTES BY R.C.B. DATE 9/1/66

INDEXED C I GALLI DATE

WEATHER overcast INST. NO 75234

TIME 8:55 to 10:07 ROD NO. 9-19

NOTES CHKD [signature] DATE SEP 6 '68

F.B. 3760 Pg 231

F.B. 3760 Pg. 232 JOB NO.

SURVEY OF

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.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 _____

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. 1ST 25 E.

JOB NO. 0882.43 LONG BEACH
SURVEY OF ~~T.A.~~ CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 26716
NOTES BY A. WORKMAN DATE 9-1-66 TIME 9:55 10:07 ROD NO. 9817
INDEXED C.J. GALLI DATE NOTES CHKD DATE SEP 5 '68
F.B. 3760 Pg 233

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	
ALAMITAS E					TOP		LEVEL	BOTTOM	ALAMITAS W. B/SPK IN ROCK
1	130	828	431	5 132 / 127 5	1	42 3	26.2	8 3	
					2	42 3	25.3	8 4	
					3	41.7	25.2	8 3	
					4	42 3	25.1	8.1	T WILKS
					5	42.2	25.2	8 0	
					6	41.7	25.3	8 5	
					7	41.4	25.4	9.0	
					8	42.0	25.4	8 2	
					9	42.2	25.3	8 0	
					10	41.8	25.4	8 8	EAST TARGETS
					11	42.2	25.4	8 8	
					12	42.3	26.0	8 9	TOP 68.000
					13	42.3	25.1	8 4	BOTTOM 63.000
					14	41.3	25.6	8 9	
					15	42.3	25.2	8 1	
					16	41.8	25.2	8 5	
					17	41.8	25.8	8 5	
					18	41.8	25.1	8 5	
					19	42.4	25.0	8 2	
					20	42.2	25.2	8 0	
					21	41.7	25.2	9 0	
					22	41.9	25.3	8 7	
					23	42.5	24.9	8 0	
					24	41.6	24.9	8 6	
					25	41.9	25.2	8 7	
					26	42.0 ✓	25.4	8 2 ✓	
				Sum		1091.9	658.3 ✓	219.6 ✓	
				MEAN		41.996 ✓	25.319	8.446 ✓	

F.B. 3760 Pg. 234 JOB NO.

SURVEY OF

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.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 ____

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. ~~200~~ 25 W.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM ALAMITOS W. TO ALAMITOS E
ALAMITOS W.				71		TOP	LEVEL	BOTTOM	ALAMITOS W.
25	70	049	371 5	68 3	1	38 2	28 2	11 2	SPK. IN LEAD IN CONCRETE
					2	39 3	28 8	11 3	BASE OF HARBOR SIREN
					3	38 1	28 7	10 0	
					4	37 7	28 7	10 8	
					5	39 1	28 6	10 8	π SIEMANN
					6	37 8	28 1	10 8	
					7	39 0	28 5	10 8	
					8	39 2	27 5	10 9	
					9	38 5	28 0	10 0	
					10	37 2	28 0	10 8	
					11	38 5	28 2	10 8	
					12	38 8	27 9	10 5	
					13	39 0	28 2	10 3	
					14	39 0	28 0	11 0	
					15	38 1	28 1	11 0	
					16	38 9	27 7	10 8	
					17	38 3	28 0	10 2	
					18	38 7	27 8	10 2	
					19	37 8	27 8	10 9	
					20	38 5	27 8	10 0	
					21	38 7	27 9	10 2	
					22	37 8	27 8	10 3	
					23	38 3	28 1	10 3	
					24	37 5	27 8	10 8	
					25	37 9	27 7	10 4	
				SUM		959.9	701.9	265.1	
				MEAN		38.396	28.076	10.604	

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

SURVEY BY G. E. DREIER

NOTES BY A. WORKMAN DATE 9-1-66

INDEXED C. J. GALLY DATE

WEATHER OVERCAST INST. NO. 96716

TIME 10:45 10:59 ROD NO. 9619

NOTES CHKD [illegible] DATE SEP 6 '66

F.B. 3760 PG. 235

F.B. 3760 Pg. 236 JOB NO.

SURVEY OF

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 3-65

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

(2)

Do not extend notes this side of this line. 2ND 25 E.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT ~~RIGHT~~ TOP	~~MIC.~~	~~LEFT.~~ LEVEL	~~STADIA~~ BOT.	DESCRIPTION AND REMARKS FROM ALAMITOS EAST TO ALAMITOS WEST
1					44	8	27 4	10 2	
2					44	7	27 7	10 4	
3					44	9	27 9	09 7	
4					45	1	27 5	10 4	
5					44	8	28 2	10 7	
6					45	1	28 1	10 6	
7					45	3	27 9	11 1	
8					44	6	27 4	10 0	
9					44	7	27 9	10 5	
10					45	1	27 3	10 6	
11					45	3	27 8	10 8	
12					45	6	28 1	10 7	
13					45	4	27 7	11 0	EAST TARGETS -
14					44	9	27 3	11 2	SET AT 63 & 68
15					45	1	27 7	11 0	
16					45	6	27 5	11 1	
17					45	5	27 0	11 4	
18					45	8	27 4	11 0	
19					45	5	27 6	11 5	
20					45	7	27 7	11 0	
21					45	1	27 8	10 7	
22					45	0	27 4	11 1	
23					45	7	27 7	10 8	
24					44	9	27 9	10 8	
25	130	970	431 5	133 127 6	45	6	27 7	11 2	
					1129	2	691 6	269 5	
					45	168	27 664	10 780	

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

SURVEY BY R.C. BOWERS

NOTES BY R.D. ANDERSON DATE 9-1-66

INDEXED C. J. GALLI DATE

WEATHER CLOUDY & COOL INST. NO. 75234

TIME 10:45 TO 10:59 ROD NO. 9-19

NOTES CHKD [illegible] DATE SEP 6 '66

F.B. 3760 PG. 237

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

INST. NO. _____
ROD NO. _____
DATE _____
WEATHER _____
TIME _____
NOTES CHKD _____

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

JOB NO. _____
NOTES _____
DATE _____
SURVEY OF _____
SURVEY BY _____
INDEXED _____

F.B. 3760 Pg. 238

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. 3rd 25 W

JOB NO. 0892.43 6301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET LONG BEACH
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO 26716
NOTES BY SIEMANN DATE 9-1-66 TIME 11:07 TO 11:28 ROD NO. 9419
INDEXED C.J. GALLI DATE NOTES CHKD DATE
F.B. 3760 Pg 239

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.		LEFT.	STADIA	RIGHT MIC.		LEFT.	STADIA	FROM ALAMITOS W TO ALAMITOS E.
ALAMITOS W					TOP		LEVEL	BOTTOM	ALAMITOS W.
1	70	049	371 5	71 68 3	1	36.8	24.9	8.8	SPK. IN LEAD OF CONC. BASE
					2	36.5	23.7	8.9	OF HARBOR SIREN.
					3	36.5	24.3	9.2	
					4	36.2	24.2	9.4	
					5	36.2	24.7	9.3	π WORKMAN
					6	36.3	25.0	9.5	
					7	36.5	24.7	8.9	
					8	36.1	24.2	8.5	
					9	35.0	24.6	9.5	
					10	35.8	24.4	8.3	
					11	35.5	23.9	8.8	
					12	35.7	23.9	8.1	
					13	36.0	24.1	8.2	
					14	35.2	23.7	8.7	
					15	35.3	24.0	8.4	
					16	35.3	23.8	8.2	
					17	35.5	23.2	8.2	
					18	35.2	23.9	8.7	
					19	35.0	23.7	8.2	
					20	35.0	24.0	8.2	
					21	35.0	23.7	8.7	
					22	36.1	24.3	8.5	
					23	35.5	23.8	8.4	
					24	34.9	24.7	8.3	
					25	35.8	23.3	8.1	
					26	35.0	23.8	8.3	
				Sum		927.9 ✓	626.5 ✓	224.3 ✓	
				MEAN		35.688 ✓	24.096 ✓	8.627 ✓	

F.B. 3760 Pg. 240 JOB NO.

SURVEY OF WEATHER INST. NO.

SURVEY BY NOTES TIME ROD NO.

INDEXED DATE NOTES CHKD. DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

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

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. E 3rd 25

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Bowers M.E. DATE 1-SEPT 66 WEATHER overcast INST. NO. 25334
NOTES BY Walker R.C. TIME 11:09 to 11:28 ROD NO. 2-12
INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE 9-6-66
F.B. 3760 Pg. 241

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM ALAMITOS EAST TO ALAMITOS WEST
BM. EAST					TOP		LEVEL	BTM.	BM. EAST
1.	130	970	431 5	133 / 127 6	43 5		25 2	08 8	
2.					43 0		25 6	09 2	
3.					43 8		25 7	08 9	
4.					43 7		25 4	09 2	
5.					43 7		25 2	08 8	
6.					44 2		25 2	08 4	
7.					43 0		25 3	08 9	
8.					43 7		25 3	09 8	
9.					43 5		25 8	08 7	
10.					43 2		25 7	09 0	East Targets set at
11.					43 6		25 0	08 8	
12.					42 7		25 0	09 2	TOP 68
13.					43 7		25 2	08 8	BTM 63
14.					43 2		25 2	09 2	
15.					43 2		25 4	08 7	
16.					43 2		25 7	08 4	
17.					43 8		24 9	08 3	
18.					43 0		25 0	09 2	
19.					43 1		25 3	08 6	
20.					43 8		25 1	09 2	
21.					42 8		25 3	09 1	
22.					43 6		25 2	08 8	
23.					43 3		25 3	09 7	
24					43 2		24 9	09 3	
25.					43 5		25 6 ✓	09 5	
					1085 0 ✓		632 5	224 3 ✓	
					43 400 ✓		25 300 ✓	8.964	

F.B. 3760 Pg. 242 JOB NO.

SURVEY OF WEATHER INST. NO.

SURVEY BY NOTES TIME ROD NO.

INDEXED DATE NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

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

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

(4)

Do not extend notes this side of this line. W 4th 25

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	~~RIGHT~~	~~MIC.~~	~~LEFT.~~	~~STADIA~~	FROM ALAMITOS BM. WEST TO ALAMITOS BM. EAST
BM. WEST					TOP		LEVEL	BTM.	B.M. WEST
1.					32	5	23 8	04 5	
2.					32	5	23 0	05 5	
3.					32	9	23 5	05 3	
4.					32	3	23 3	03 9	
5.					31	8	22 9	04 3	
6.					31	9	22 9	04 3	
7.					32	2	22 8	04 5	
8.					32	0	22 8	03 9	
9.					31	9	22 5	03 9	
10.					31	5	22 5	04 2	
11.					31	9	22 5	04 8	WEST Targets set at
12.					31	9	22 9	04 5	
13.					32	1	23 1	03 9	TOP 138.000
14.					32	2	22 9	03 8	BTM. 132.000
15.					31	5	22 5	03 5	
16.					32	1	22 2	04 9	
17.					32	8	23 1	04 1	
18.					31	3	22 2	04 0	
19.					31	8	22 5	03 5	
20.					30	8	22 1	03 2	
21.					31	5	22 5	03 2	
22.					32	3	22 5	03 3	
23.					30	9	22 8	04 8	
24.					31	3	22 3	04 5	
25.	70	229	371	5	72 68	4	32 2	22 9	04 3
					Σ=		798 1	569 0	104 6
					Mean=		31 924	22.760	4.184

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

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

NOTES BY Walker M.E. DATE 1-Sept. 66 TIME 12:05 to 12:21 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE SEP 6 '66

F.B. 3760 Pg. 243

F.B. 3760 Pg. 244 JOB NO.

SURVEY OF

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.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 ____

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. 4th 25 E

4

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ALAMITOS E. TO ALAMITOS W.
ALAMITOS E.					TOP		LEVEL	BOTTOM	ALAMITOS E. B/SPK IN ROCK
1	130	830	431 5	133 128 5	1	43.8	26.3	8.9	
					2	43.3	26.4	9.1	
					3	43.2	26.3	8.8	
					4	42.3	26.1	9.0	⊼ WILKS
					5	42.2	25.5	8.3	
					6	41.6	25.2	7.8	
					7	42.2	24.8	7.5	
					8	41.0	24.0	7.4	
					9	40.8	24.3	7.2	
					10	41.1	24.3	7.7	
					11	41.6	24.2	7.8	
					12	41.3	24.0	8.2	
					13	41.6	24.2	7.5	
					14	41.4	24.2	7.3	
					15	41.0	23.7	7.4	
					16	41.0	23.5	7.4	
					17	40.5	23.3	6.6	
					18	40.0	23.6	7.1	
					19	40.7	23.1	7.2	
					20	40.3	23.2	6.3	
					21	40.0	23.4	7.7	
					22	41.0	23.4	6.6	
					23	40.8	23.2	7.0	
					24	40.6	23.2	7.0	
					25	41.3	23.3	7.3	
				SUM		1039.6 ✓	606.7 ✓	190.1 ✓	
				MEAN		41.384 ✓	24.268 ✓	7.604 ✓	

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

SURVEY BY G.E. DREIER

NOTES BY A. WORKMAN DATE 9-1-66

INDEXED C. J. GALLI DATE

WEATHER OVERCAST

TIME 12:05 12:21

NOTES CHKD [illegible] DATE [illegible]

INST. NO. 96716

ROD NO. 9119

F.B. 3760 PG. 246

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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_____ DATE_____

SURVEY OF_____ JOB NO._____

SURVEY BY_____ NOTES_____

INDEXED_____ DATE_____

F.B. 3760 Pg. 246

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM_____ TO_____

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. RECIPROCAL

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ALAMITOS W. TO ALAMITOS E.
ALAMITOS W.									ALAMITOS W.
1	135	100	436 5	225 45 180	130	828	431 5	132 127 5	
ALAMITOS E.									ALAMITOS E.
ALAMITOS W.									ALAMITOS W.
1	70	049	371 5	71 68 3	66	475	367 5	1/2 157 66 182	
ALAMITOS E.									ALAMITOS E.
+	205	149		183	197	303		187	
								183	
-	197	303						370	
2	7	846						1/2 185	
+	~~3,873~~								
	+ 3,923								

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 9-1-66
INDEXED C. J. GALLE DATE
WEATHER OVERCAST INST. NO 96716
TIME 9:35 TO 9:40 ROD NO 9819
NOTES CHKD [illegible] DATE 9-26-68

F.B. 3760 PG. 247

F.B. 3760 Pg. 248

JOB NO.

SURVEY OF

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 3-65

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 Alamitos West TO Alamitos East
West									
1	70	232	371 5	72 68 4	66	500	367 5	157 66 (½)182	Recip. Levels
EAST									
WEST									
2	134	956	435 5	224 44 180	130	954	431 5	132 128 4	
EAST				184				186	
	205	188			197	454		184	
	197	454						370	
	7.734							(½)185	
	½= 3.867								

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

SURVEY BY R.C. Bowers

NOTES BY R.C.B. DATE 9/1/66

INDEXED C.J. GALLI DATE

WEATHER Overcast INST. NO 75234

TIME 9:38 ROD NO 9-19

NOTES CHKD [signature] DATE

F.B. 3760 PG. 249

F.B. 3760 Pg. 250 JOB NO. 0882.43

SURVEY OF LONG BEACH

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____

TIME _____

NOTES CHKD _____

LOS AN[illegible]

403 Los Ange[illegible]

[illegible] ADDITIONS OR CHANGES [illegible] BE MADE [illegible] DATE AND [illegible]

[illegible] AND REMARKS