F.B. 3779 Pg. 5

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

SURVEY BY _____ WEATHER _____ INST. NO. _____

NOTES BY _____ DATE _____ TIME _____ ROD NO. _____

DATE JUL 5 68 NOTES CHKD _____ DATE _____

BOOK INDEX

PAGE

1968
RELEVELING, PORTION OF LINE 27 (48-1A TO 27-21B TO 27-1) 7 TO 82

1968
RELELELING, PORTION OF LINE 21 (27-1 TO 21-24 TO) 89 TO 212

1968
RELEVELING, PORTION OF LIN 5, & LINE 8, CONTINUED IN F.B. 3780

Add microfilmed.

F.B. 3779 Pg. 6 JOB NO. 0301.02

SURVEY OF

SURVEY BY NOTES

INDEXED C. J. GALLI 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

F.B. 3779 Pg. 7

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

SURVEY BY G.E. DREIER WEATHER _____ INST. NO. 26716

NOTES BY _____ DATE JUNE 1968 TIME _____ ROD NO. 9819

INDEXED C. J. GALLI DATE _____ NOTES CHKD _____ DATE _____

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS From / To
									JOB NO. 0301.02
									L.A. CO. PRECISE LEVEL NET
									LINE NO. 27, PARTIAL RELEVELING 1968
									FROM B.M. 27-21B AT MARINA DEL REY
									TO B.M. 27-1 AT THE STRAND & ROSECRANS AVE
									LEVELING CONTINUED FROM F.B. 3776-250, LINE #48
									LEVELING CONTINUED IN F.B. 3779-89, LINE #21
									LEVELING CONTINUED IN F.B. 3780-5
									DREIER
									WILKS
									SIEMANN
									MCKNIGHT
									MOORE, R.A.

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

76P526 CE # 308 3-65

F.B. 3779 Pg. 8 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

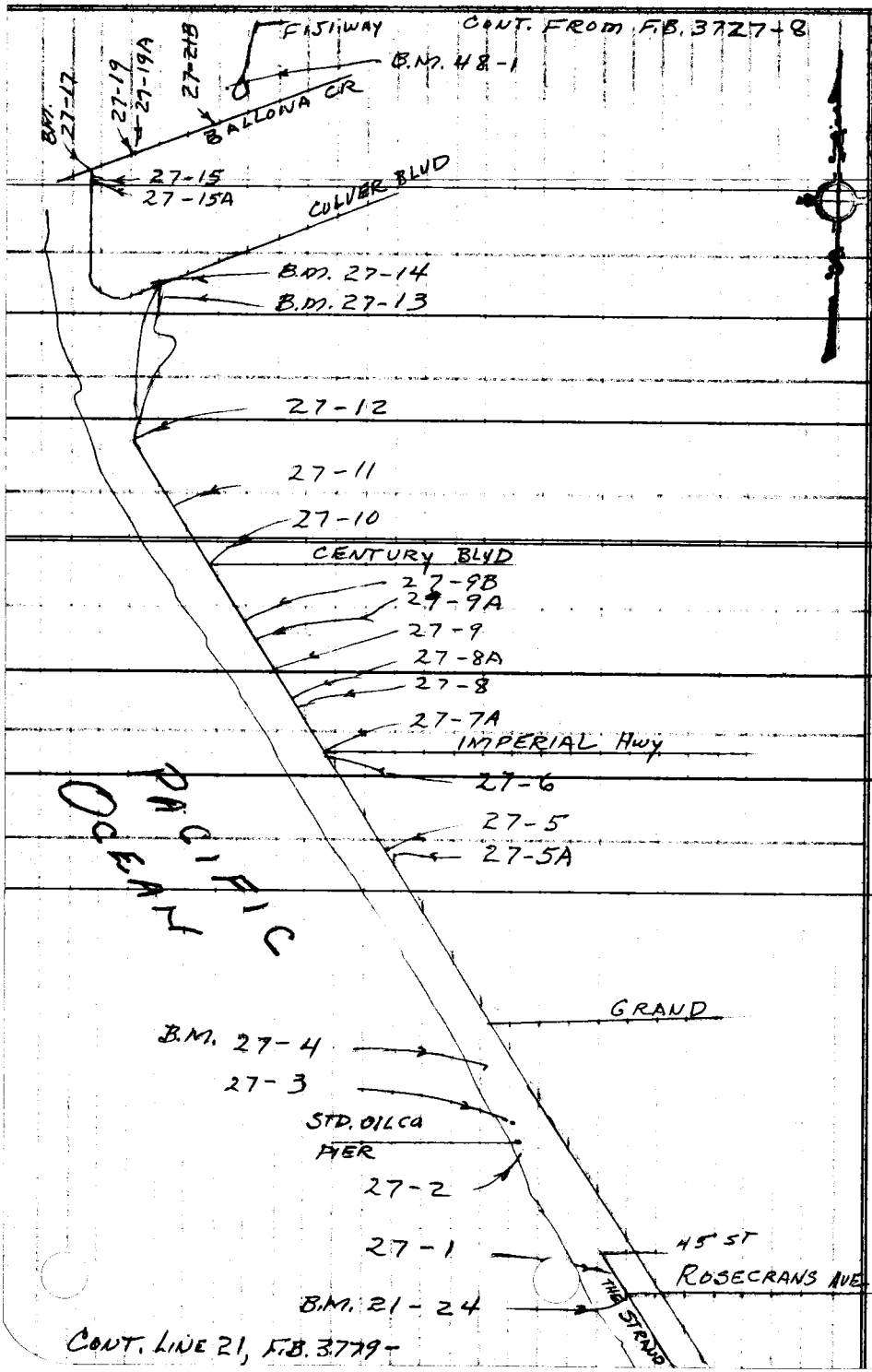
SURVEY BY DREIER NOTES G.R. DREIER

INDEXED C.J. GALLI DATE

WEATHER INST. NO. 9671

TIME ROD NO. 981

NOTES CHKD DATE



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

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

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

76P526 CE # 308 3-65

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY DON
INDEXED C.J. GALLI
DATE 6-5-68
DATE
WEATHER HAZY 70°
TIME
NOTES CHKD
INST. NO. 96716
ROD NO. 9619
DATE
F.B. 3779 Pg. 9

STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				DETERMINATION OF "C"					6-5-68
1	~~146~~ 147	020	448 5	145/149 4	158	630	459 5	129/187 58	DIFF 54M 0.2 MM
2	154	805	455 5	152/156 4	143	140	444 5	114/172 58	DIFF. 54M 0.2 MM
				8				116	
								8	CUR. COR. = 0.4 MM
								108	
	301	825			301	770			
	301	730				040			
		095			301	730			

.0088
108) 0.950
864
860

F.B. 3779 Pg. 10

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED C. J. GALLI 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.

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

SURVEY BY G. E. DREIER WEATHER 74° HAZY INST. NO. 96716

NOTES BY DON DATE 6-6-68 TIME ROD NO. 9419

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE 11 15 68

F.B. 3779 PG. 11

STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
					DETERMINATION OF "C"				6-6-68
1	142	255	443 5	140/144 4	177	890	478 5	150/204 54	DIFF. OF 50M 0.2 MM
2	159	330	460 5	157/161 4	123	595	424 5	96/150 54	DIFF. OF 50 M 0.2 MM
				8				108	
								8	
								100	CUR CORR = 0.4 MM
	301	585			301	485			
	301	445			-	040			
		140			301	445			

.0140

100) 1.40

F.B. 3779 PG. 12

JOB NO.

SURVEY OF

SURVEY BY C. J. GALLI NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD. DATE

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
					DETERMINATION OF "C" 6-7-68				
1	148	750	449 5	146/150 4	170	620	471 5	141/199 58	DIFF. OF 54 M 0.2 MM
2	158	350	459 5	156/160 4	136	435	437 5	107/165 58	DIFF. OF 54 M 0.2 MM
				8				116	
								8	
	307	100			307	055		108	CUR. CORR. = 0.4MM
	307	015			—	040			
		85			307	015			

.0079 C

108 / .850

756

940

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

SURVEY BY G. E. DREIER

NOTES BY DON DATE 6-7-68

INDEXED C. J. GALLI DATE

WEATHER OVERCAST T= 68°

TIME

NOTES CHKD [signature] DATE

INST. NO. 96716

ROD NO. 9819

F.B. 3779 PG. 13

F.B. 3779 Pg. 14

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED C. J. GALLI 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
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER HAZE 70°
NOTES BY G.E. DREIER DATE 6-10-68 TIME 8:10 INST. NO. 86716
INDEXED C.J. GALLI DATE NOTES CHKD. DATE ROD NO. 2819
F.B. 3779 PG. 15

STATION	NEAR BACKSIGHT Right	Mic.	Left.	Stadia	FAR FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From ___ To ___
			DETERMINATION OF "C"						
1	171	630	472 5	173 169 4	193	955	494 5	221 165 56	56 m - 4 m = 52 m = - 0.2 mm
2	164	550	465 5	166 162 4	142	310	443 5	171 113 58	58 m - 4 m = 54 m = - 0.2 mm
				8				114 8	
	336	180			336 265			106	CUR. CORR = 0.4 mm
					- 040				
					336 225				
					336 180				
					045				
					0.004				
					106 / 0.450				
					42.4				

F.B. 3779 Pg. 16

JOB NO.

SURVEY OF

SURVEY BY C. J. GALLI NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

76P526 CE # 308 3-65

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 G.E. DREIER
NOTES BY G.E. DREIER DATE 6-11-68 TIME 8:30 A.M. WEATHER 70° OVERCAST INST. NO. 96716
INDEXED C.J. GALLI DATE NOTES CHKD. DATE ROD NO. 9819
F.B. 3779 PG. 17

STATION	NEAR BACKSIGHT Right	Mic.	Left.	Stadia	FAR FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From ___ To ___
			DETERMINATION OF "C"						
1	160	075	461.5	161 159 2	161	660	462.5	189 133 56	56 m − 2 m = 54 m = −0.2 mm
2	160	300	461.5	162 158 4 6	158	525	459.5	188 128 60 116 6 110	60 m − 4 m = 56 m = −0.2 mm
	320	375			320	185			CUR. CORR. −0.4 mm
	320	145			−	040			
		0 230			320	145			

0.021 mm.
110) 0.230
220
100

F.B. 3779 PG. 18

JOB NO.

SURVEY OF

SURVEY BY C. J. GALLI NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
					DETERMINATION OF "C" 6-12-68				
1	158	340	459.5	156/160 .4	163	285	464.5	137/189 .52	DIFF 48 M 0.2 MM
2	159	790	460.5	157/161 .4	154	800	455.5	128/180 .52	DIFF 48 M 0.2 MM
				8				104	
								8	
	318	130			318	085		96	CURV. CORR. = 0.4 MM
	318	045			—	040			
		085			318	045			

.0089
96) 0.850
768
8820
779

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

SURVEY BY G. E. DREIER WEATHER 96° INST. NO. 96716

NOTES BY DON DATE 6-12-68 TIME ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD [signature] DATE JUL 1 1968

F.B. 3779 PG. 19

F.B. 3779 Pg. 20

JOB NO.

SURVEY OF

SURVEY BY C. J. GALLI NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD. DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

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

76P526 CE # 308 3-65

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 G.E. DREIER WEATHER 70° HAZY INST. NO. 96716

NOTES BY DON DATE 6-13-68 TIME ROD NO. 9649

INDEXED C.J. GALLA DATE NOTES CHKD DATE 15

F.B. 3779 PG. 21

STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FAR FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS FROM ____ TO ____
							DETERMINATION OF "C" 6-13-68						
1	159	700	460	5	157/161	4	174	350	475	5	149/199	50	DIFF. 46 M 0.1 MM
2	160	630	461	5	158/162	4	145	770	446	5	120/170	50	DIFF. 46 M 0.1 MM
						8						100	
												8	CUR. CORR. 0.2 MM
	320	330					320	120				92	
	320	100					-	020					
		230					320	100					

.025
92) 230
184
460
460

F.B. 3779 Pg. 22 JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED C. J. GALLI 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 48-1A TO 27-21B
48-1A									48-1A (U.S.C.&G.S. BRONZE BOLT
1	223	280	524 5	306/240 34	55 ~~55~~	555	356 5	39/71 32	MARINA DELREY ON COAST GAURD DOCK
									SEE F.B. 3729-145
2	147	405	448 5	109/185 76	144	570	445 5	106/182 76	
				110				108	
3	157	720	458 5	137/177 40	207	230	508 5	185/229 44	
				150				152	
4	135	840	436 5	106/164 58	161	480	462 5	133/189 56	
				208				208	
5	157	675	458 5	148/166 18	232	945	533 5	222/242 20	
				226 ✓				228 ✓	
27-21B								226 ✓	27-21B (MDR 8)
	821	920 ✓			801	780 ✓		454	BALLONA CR. N. SIDE 637 FT. W. OF U.C.LA. BOATHOUSE
	801	780 ✓							SEE F.B. 3703-45
	+20	140 ✓							

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

SURVEY BY G.E. DREIER

NOTES BY DON DATE 6-5-68

INDEXED C.J. GALLI DATE

WEATHER 68° WINDY

TIME 1:10 - 1:45

NOTES CHKD. [illegible] DATE

INST. NO. 96716

ROD NO. 9819

DATE 11 12 [illegible]

F.B. 3779 PG. 23

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 27-21B TO 48-1A
27-21B									27-21B
1	236	680	537 5	199 / 273 74	131	630	432 5	93 / 169 76	
2	170	905	471 5	144 / 196 52 / 126	230	060	531 5	206 / 254 48 / 124	
3	256	350	557 5	232 / 280 48 / 174	153	920	454 5	130 / 176 46 / 170	
4	129	960	430 5	102 / 156 54 / 228	298	350	599 5	1/2 270 / 298 56 / 226	
48-1A								228 / 454	48-1A
	793	895			813	960			
					793	895			
					20	065			

68° WEATHER OVERCAST INST. NO. 96716

TIME 11:25-12:00 ROD NO. 9512

NOTES CHKD [signature] DATE

F.B. 3779 PG. 24 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES DON 6-5-68

INDEXED C.J. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY G. E. PREIER

NOTES BY DON DATE 6-5-68

INDEXED C. J. GALLI DATE

WEATHER 680 WINDY

TIME 1:45 - 2:05

NOTES CHKD. [illegible] DATE JUL 15 68

INST. NO. 9716

ROD NO. 1419

F.B. 3779 PG. 25

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA		DESCRIPTION AND REMARKS
											FROM 27-21B TO 27-19
27-21B											27-21B (~~L.A. Co. F.C. 115-222A~~
1	218	400	519.5	173/263	90	165	680	466.5	121/209	88	BALLONA CR. N. SIDE, 637 W. OF BOATHOUSE
											SEE F.B. 3703-45
2	162	215	463.5	133/191	58	156	440	457.5	126/186	60	
					148					148	
3	24	640	325.5	9/39	30	290	310	591.5	276/304	28	
					178					176	
4	126	260	427.5	122/130	8	189	190	490.5	185/193	8	
					186					184	
27-19										186	27-19 (L.A. Co. F.C. 115-222A)
	531	515				801	620			370	BALLONA CR. N. SIDE & ABON. PIPE LINE BR.
						531	515				SEE F.B. 3703-43
						270	105				
											RERUN 6-7-68 T=68
27-21B											
1	221	540	522.5	185/257	72	159	110	460.5	122/196	74	
2	161	370	462.5	129/193	64	226	845	527.5	193/259	66	
					136					140	
3	22	695	323.5	1/2 22/49	54	289	360	590.5	1/2 268/289	42	
					190					182	
27-19										190	
	405	605				675	315			372	
						405	605				
						269	710				

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 27-19 ~~A~~ TO 27-21B
27-19 ~~A~~									27-19 ~~A~~
1	284	940	585 5	½ 255 / 284 58	46	760	347 5	½ 46 / 76 60	
2	238	420	539 5	201 / 275 74 / 132	143	905	444 5	106 / 180 74 / 134	
3	157	040	458 5	131 / 183 52 / 184	219	885	520 5	192 / 246 54 / 188	
27-21B								184 / 372	27-21B
	680	400			410	550			
	410	550							
	+ 269	850							
					RERUN		6-7-68		T=68
27-19									
1	289	420	590 5	½ 263 / 289 52	23	465	324 5	1 / 45 44	
2	223	230	524 5	192 / 254 62 / 114	156	890	457 5	123 / 189 66 / 110	
3	155	520	456 5	120 / 190 70 / 184	217	965	518 5	179 / 255 76 / 186	
27-21B								184 / 370	
	668	170			398	320			
	398	320							
	+ 269	850							

WEATHER HAZY INST. NO. 96716
TIME 11:00 - 11:25 ROD NO. 9919
NOTES CHKD [signature] DATE JUL 15 '68

F.B. 3779 PG. 26 JOB NO. 0301.02
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY S.E.D. NOTES DAN 6-5-68
INDEXED [signature] 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. RERUN

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS FROM 27-21B TO 27-19
27-21B											27-21B
1	219	060	520 5	188/250	62	159	930	460 5	127/191	64	
2	156	125	457 5	127/185	58	158	370	459 5	130/186	56	
					120					120	
3	152	285	453 5	128/176	48	242	940	543 5	218/266	48	
					168					168	
4	66	090	367 5	58/74	16	214	765	515 5	206/222	16	
					184					184	
5	98	155	399 5	96/100	4	185	750	486 5	183/187	4	
					188					188	
27-19										188	27-19
	691	715				961	755			376	
						691	715				
						270	040				

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

SURVEY BY G.E. DREIER

NOTES BY Don DATE 6-7-68

INDEXED C.J. GALLI DATE

WEATHER OVERCAST 68°

TIME 11:45-12:05

NOTES CHKD [signature] DATE JUL 15 '68

INST. NO. 96716

ROD NO. 9819

F.B. 3779 PG. 27

F.B. 3779 Pg. 28 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED C. J. GALLI 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

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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 27-19 TO 27-19A
27-19									27-19 (L.A.Co. F.C. 115-222A)
1	280	000	581 5	277/283 6	11	560	312 5	8/14 6	BALLONA CR. N. SIDE & ABAN. PIPE LINE BR.
									SEE F.B. 3703-43,44
2	232	390	533 5	230/334 4	147	400	448 5	145/149 4	
				10				10	
27-19A								10	27-19A (VENICE G5C)
	512	390			158	960		20	BALLONA CR & ABAN. PIPE LINE BR.
	158	960							SEE F.B. 3703-43,44
+	353	430							

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

SURVEY BY G. E. DREIER

NOTES BY DON DATE 6-5-68

INDEXED C. J. GALLS DATE

WEATHER 68° WINDY

TIME 2:05 - 2:15

NOTES CHKD. [illegible] DATE [illegible]

INST. NO. 96716

ROD NO. 9619

F.B. 3779 PG. 29

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 27-19 A TO 27-19 X
27-19 A									27-19 A
1	28	495	329 5	34/32 8	286	890	587 5	282/290 8	
2	86	440	387 5	84/88 4	181	480	482 5	179/183 4	
				12				12	
27-19								12	27-19
	114	935			468	370		24	
					114	935			
					353	435			

70°

WEATHER HAZY INST. NO. 96716

TIME 10:50 - 11:00 ROD NO. 9819

NOTES CHKD [illegible] DATE 11 15 68

F.B. 3779 PG. 30

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES DON 6-5-68

INDEXED C.J. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 27-19A TO 27-17
27-19A									27-19A (VENICE G5C)
1	179 ~~178~~	030	480 5	148 / 210 62	144	010	445 5	113 / 275 62	BALLONA CR. N. SIDE & ABAN. PIPE LINE BR.
									SEE F.B. 3703-43, 44
2	138	290	439 5	107 / 169 62 / 124	143	190	444 5	108 / 178 70 / 132	
3	162	290	463 5	156 / 168 12 / 136	61	100	362 5	58 / 64 6 / 138	
27-17								136 / 274	27-17 (U.S.C.&G.S. Q 767 1945)
	479	610			348	~~290~~ 300			PAC. AVE & BALLONA CR. N.W. COR.
	348	300							SEE F.B. 1393-19 & 20
	131	310							

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

SURVEY BY G.E. DREIER WEATHER 68° WINDY INST. NO. 96716

NOTES BY DON DATE 6-5-68 TIME 2115-2:30 ROD NO. 1E19

INDEXED G.J. GALLI DATE NOTES CHKD [signature] DATE JUL 15 68

F.B. 3779 PG. 31

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3779 Pg. 32

SURVEY OF L.A.Co. PRECISE LEVEL NET JOB NO. 13.01.02

SURVEY BY G.E.D. NOTES Dad 6-5-68

INDEXED C.J. GALLI DATE

WEATHER 68° OVERCAST INST. NO. 96716

TIME 10:30-10:50 ROD NO. 9819

NOTES CHKD. DATE 11 15 68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 27-17 TO 27-19A
27-17				11				107	27-17 USC&GS
1	47	685	348 5	83 72	143	675	444 5	179 72	
2	145	960	446 5	114 / 176 62	181	490	482 5	149 / 213 64	
				~~134~~ 134 ✓				136 ✓	
27-19 A								134 ✓	27-19 A VENICE G-5-C
	193	645 ✓			325	165 ✓		~~280~~ 270 ✓	
					193	645 ✓			
					131	520 ✓			
				RERUN	6-7-68		T= 68		
27-17				15				110	
1	51	805	352 5	87 72	146	550	447 5	182 72	
2	150	345	451 5	118 / 182 64	187 6	950	487 5	154 / 318 64	
				136 ✓				136 ✓	
27-19A								136 ✓	
	202	150 ✓			333	500 ✓		272 ✓	
					202	150 ✓			
					131	350 ✓			

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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 27-17 TO B.M. 27-15
B.M. 27-17									B.M. 27-17 (U.S.C. & G.S. Q 767 1945)
~~1~~	~~191~~	~~080~~	~~492 5~~	~~219 163 56~~					PACIFIC AVE & BALLONA CR. N.W. COR
1	175	115	476 5	203 147 56	296	373	597 5	296 2269 54	SEE F.B. 1393-19 & 20
B.M. 27-					175	115		56	B.M. 27-15 (F.C. 115-38 1948)
					121	258		110	PACIFIC AVE & BALLONA CR. S.E. COR
									SEE F.B. 1393-18

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

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

NOTES BY SIEMANN DATE 6-5-68 TIME 2:30 + 2:38 ROD NO. 7C19

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE 11 15 68

F.B. 3779 PG. 33

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 27-15 TO B.M. 27-17
B.M. 27-1	298	712	599 5	298 ½ 271 54	177	455	478 5	205 149 56	B.M. 27-15 (F.C. 115-38 1948)
	177	455							
B.M. 27-17	121	257						54 110	B.M. 27-17 (U.S.C.&G.S.

WEATHER WINDY INST. NO. 96716

TIME 2:40 TO 2:42 ROD NO. 7 & 19

NOTES CHKD [illegible] DATE [illegible]

F.B. 3779 PG. 34

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-5-68

INDEXED C.J. GALLI 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 B.M.27-15 ~~A~~ TO B.M.27-15A
B.M. 27-15									B.M.27-15 (F.C. 115-38 1948)
1	169	362	470 5	173 165 8	188	652	489 5	192 184 8	PACIFIC AVE & BALLONA CR. S.E. COR. SEE F.B. 1393-18
					169	362		8	
B.M.27-15A					19	290		16	B.M.27-15A (REF. MON.) PACIFIC AVE & BALLONA CR., S.E. COR. SEE F.B. 1393-18

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

SURVEY BY G.E. DREIER WEATHER 64° WINDY INST. NO. 96716

NOTES BY SIEMANN DATE 6-5-68 TIME 2:45 TO 2:50 ROD NO. 9819

INDEXED C.J. GALLI DATE NOTES CHKD [signature] DATE 11 15 68

F.B. 3779 PG. 35

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 B.M. 27-15A TO B.M. 27-15
B.M. 27-15A									B.M. 27-15A (REF. MON.)
1	192	603	493 5	196 188 8	173	309	474 5	177 169 8	
	173	309							
								8	
B.M. 27-15	+19	294						16	B.M. 27-15 (F.C. 115-38 1948)

64°

WEATHER WINDY INST. NO. 96716

TIME 2:50 TO 3:00 ROD NO. 9 & 19

NOTES CHKD [signature] DATE 11 15 68

F.B. 3779 PG. 36 JOB NO. 0301.02

SURVEY OF L.A. CO. LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-5-68

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.27-15A TO B.M.27-14
B.M.27-15A									B.M.27-15A (REF. MON.)
1	165	225	466 5	207 123 84	139	790	440 5	182 96 86	PACIFIC AVE & BALLONA CR. S.E.COR
									SEE F.B. 1393-18
2	159	220	460 5	159 113 92	142	140	443 5	188 96 92	
				176				178	
3	141	165	442 5	185 97 88	198	525	499 5	242 154 88	
				264				266	
4	139	280	440 5	175 103 72	168	850	469 5	204 132 72	π = WILKS
				336				338	
5	162	320	463 5	166 158 8	159	170	460 5	163 155 8	
				344				346	
								344	
B.M.27-14	767	210			808	475		690	B.M.27-14 (~~CULVER BLVD~~ CITY LA. 26m)
					767	210			CULVER BLVD. & VISTA DEL MAR NW.COR
					41	265			SEE F.B. 1393-17 & F.B. 3703-35

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 6-6-68

INDEXED C.J. GALLI DATE

WEATHER 70° OVERCAST

TIME 8:30 TO 8:50

NOTES CHKD [signature] DATE JUL 15 '68

INST. NO. 96716

ROD NO. 9019

F.B. 3779 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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 27-14 TO B.M. 27-15A
B.M. 27-14									B.M. 27-14 (QTY L.A. 26M)
1	154	720	455 5	180 128 52	145	110	446 5	171 119 52	CULVER BLVD. & VISTA DEL MAR.
									SEE F.B. 1393-17
2	192	815	493 5	232 152 80	122	390	423 5	162 82 80	
				132				132	
3	141	700	442 5	181 101 80	165	470	466 5	206 124 82	
				212				214	
4	137	560	438 5	176 99 77	165	825	466 5	203 127 76	π = WILKS
				289				290	
5	166	720	467 5	192 140 52	153	275	454 5	179 127 52	
				341 ✓				342 ✓	
								341 ✓	
B.M. 27-15A	793	515 ✓			752	070 ✓		683	B.M. 27-15A (REF. MON.
	752	070 ✓							
	+ 41	445 ✓							

66°

WEATHER OVERCAST INST. NO. 96716

TIME 9:50 TO 10:05 ROD NO. 9019

NOTES CHKD [illegible] DATE [illegible]

F.B. 3779 PG. 38

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (6-7-68)

INDEXED C.J. GALLI DATE

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. E. DREIER
NOTES BY SIEMANN
INDEXED C. J. GALLI
DATE 6-6-68
DATE
WEATHER 70° OVERCAST
TIME 8:50 TO 8:55
NOTES CHKD.
INST. NO 96716
ROD NO. 2 & 4
DATE 11 15 68
F.B. 3779 PG. 39

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 27-14 TO B.M. 27-13
B.M. 27-14									B.M. 27-14 (CITY L.A. 26M)
1	153	300	454	5 173 133 40	11	310	312	5 29 11 36	CULVER BLVD. & VISTA DEL MAR.
									SEE F.B. 1393-17
2	180	120	481	5 182 178 4	75	225	376	5 78 72 6	
				44				42	
									T = WILKS
								44	
B.M. 27-13	333	420			86	535		86	B.M. 27-13 (U.S.C.&G.S. P 50 1925)
	86	535							CULVER BLVD. & VISTA DEL MAR
	+246	885							SEE F.B. 1393-17 & F.B. 3763-35

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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. 27-13 TO B.M. 27-14
B.M. 27-13									B.M. 27-13 (U.S.C.&G.S. P 501925)
1	26	860	327 5	29 23 6	210	475	511 5	213 207 6	CULVER BLVD. & VISTA DEL MAR.
									SEE F.B. 1393-17
2	90	935	391 5	103 77 26	154	220	455 5	170 138 32	
				32 ✓				38 ✓	
								32 ✓	
B.M. 27-14	117	795 ✓			364	695 ✓		70 ✓	B.M. 27-14 (City L.A. - 26 m)
					117	795 ✓			CULVER BLVD. & VISTA DEL MAR.
					246	900 ✓			SEE F.B. 1393-17

F.B. 3779 PG. 40

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (6-7-68)

INDEXED G. J. GALLI DATE

JOB NO. 0301.02

64° WEATHER OVERCAST INST. NO. 96216

TIME 9:40 TO 9:50 ROD NO. 9419

NOTES CHKD [illegible] DATE JUL 15 '68

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.27-13 TO B.M.27-12
B.M.27-13									B.M.27-13 (U.S.C&G.S. P-50 1925)
1	56	540	357 5	68 44 24	253	920	554 5	265 241 24	CULVER BLVD. & VISTA DEL MAR.
									SEE F.B. 1393-17
2	177	020	478 5	215 139 76	169	065	470 5	206 132 74	
				100				98	
3	227	275	528 5	263 191 72	122	650	423 5	159 85 74	
				172				172	
4	191	230	492 5	224 158 66	41	855	342 5	74 8 66	
				238				238	
5	244	520	545 5	261 227 34	22	465	323 5	39 5 34	π = WILKS
				272				272	
6	288	995	589 5	300 276 24	13	625	314 5	22 4 18	
				296				290	
7	298	500	599 5	1/2 298 289 18	15	350	316 5	23 7 16	
				314				306	
8	301	810	602 5	1/2 301 280 42	60	215	361 5	85 35 50	
				356				356	
								356	
B.M.27-12	1785	890			699	145		712	B.M.27-12 (U.S.C.&G.S. S 767 1945)
	699	145							VISTA DEL MAR & WATERVIEW ST.
+	1086	745							SEE F.B. 1393-16

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

SURVEY BY G.E. PREIER WEATHER CLOUDY 70° INST. NO. 96716

NOTES BY SIEMANN DATE 6-6-68 TIME 9:00 TO 9:35 ROD NO. 9419

INDEXED C.J. GALLI DATE NOTES CHKD. [illegible] DATE JUL 15 68

F.B. 3779 PG. 41

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 27-12 TO B.M. 27-13
B.M. 27-12									B.M. 27-12 (U.S.C.&G.S. S 767 1945)
1	80	940	381 5	100 60 40	296	830	597 5	296 ½ 275 42	VISTA DEL MAR & WATERVIEW ST.
									SEE F.B. 1393-16
2	22	690	323 5	30 14 16 56	300	745	601 5	300 ½ 293 14 56	
3	12	040	313 5	22 2 20 76	298	930	599 5	298 ½ 288 20 76	
4	25	105	326 5	39 11 28 104	223	090	524 5	237 209 28 104	
5	61	960	362 5	90 32 58 162	250	070	551 5	277 223 54 158	
6	136	145	437 5	174 98 76 238	196	620	497 5	237 155 82 240	π = WILKS
7	117	545	418 5	157 77 80 318	167	355	468 5	208 126 82 322	
8	134	235	435 5	148 120 28 346	25	740	326 5	38 12 26 348	
9	137	290	438 5	143 131 12 358	55	305	356 5	59 51 8 356 358	
B.M. 27-13	727	950			1814	685		714	B.M. 27-13 (U.S.C.&G.S. P 50 1925)
					727	950			CULVER BLVD. & VISTA DEL MAR
					1086	735			SEE F.B. 1393-17

64°

WEATHER OVERCAST INST. NO. 96716

TIME 9:05 TO 9:35 ROD NO. 9 & 19

NOTES CHKD. [signature] DATE [illegible]

F.B. 3779 PG. 42

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (6-7-68)

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 B.M. 27-12 TO B.M. 27-11
B.M. 27-12									B.M. 27-12 (U.S.C.&G.S S 767 1945)
1	43	090	344 5	77 / 43 / 68 / 31	165	165	466 5	201 / 129 / 72	VISTA DEL MAR & WATERVIEW ST.
									SEE F.B. 1393-16
2	109	360	410 5	148 / 70 / 78 / 146	179	605	480 5	217 / 141 / 76 / 148	
3	140	555	441 5	175 / 105 / 70 / 216	170	830	471 5	205 / 135 / 70 / 218	π = WILKS
4	148	095	449 5	163 / 133 / 30 / 246	176	100	477 5	190 / 162 / 28 / 246	
								246	
B.M. 27-11	441	100			691	700		492	B.M. 27-11 (VENICE G-7)
					441	100			VISTA DEL MAR & STERRY ST.
					250	600			SEE F.B. 1393-15

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

SURVEY BY G.E. DREIER WEATHER 74° CLOUDY INST. NO. 96716

NOTES BY SIEMANN DATE 6-6-68 TIME 9:40 TO 9:57 ROD NO. 7416

INDEXED C.J. GALLI DATE NOTES CHKD. [signature] DATE JUL 15 68

F.B. 3779 PG. 43

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 27-11 TO B.M. 27-12
B.M. 27-11									B.M. 27-11 (VENICE G-7)
1	233	220	534 5	286 180 106	120	590	421 5	175 65 110	VISTA DEL MAR & STERRY ST. SEE F.B. 1393-15
2	181	000	482 5	228 134 94 200	134	180	435 5	181 87 94 204	
3	160	870	461 5	179 141 38 238	69	560	370 5	88 69 38 242 238	π = WILKS
B.M. 27-12	575	090			324	330		480	B.M. 27-12 (U.S.C.&G.S. 3767 1945) VISTA DEL MAR & WATERVIEW ST. SEE F.B. 1393-16
	324	330							
	+250	760							

64°

WEATHER OVERCAST INST. NO. 96716

TIME 8:50 TO 9:00 ROD NO. 9917

NOTES CHKD [illegible] DATE [illegible]

F.B. 3779 PG. 44 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (6-7-68)

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 6-6-68

INDEXED C.J. GALLI DATE

WEATHER 74° PTLY. CLOUDY INST. NO. 96716

TIME 9:58 TO 10:15 ROD NO. 9818

NOTES CHKD. [illegible] DATE [illegible]

F.B. 3779 PG. 45

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 27-11 TO B.M. 27-10
B.M. 27-11									B.M. 27-11 (VENICE 6-7)
1	201	250	502 5	235 / 167 68	50	925	351 5	84 / 16 68	VISTA DEL MAR & STERRY ST.
									SEE F.B. 1393-15
2	199	395	500 5	233 / 165 68 / 136	132	000	433 5	167 / 97 70 / 138	
3	217	845	518 5	252 / 182 70 / 206	199	845	500 5	234 / 164 70 / 208	
4	50	580	351 5	91 / 9 82 / 288	184	775	485 5	224 / 144 80 / 288	π = WILKS
								288	
B.M. 27-10	669	070			567	545		576	B.M. 27-10 (U.S.C.&G.S. R 767 1945)
	567	545							VISTA DEL MAR & CENTURY BLVD.
+	101	525							SEE F.B. 1393-14
				RERUN	6-7-68				T = 64°
B.M. 27-11									
1	172	100	473 5	202 / 142 60	55	000	356 5	84 / 26 58	
2	209	225	510 5	230 / 188 42 / 102	143	255	444 5	164 / 122 42 / 100	
3	166	025	467 5	188 / 144 44 / 146	128	410	429 5	150 / 106 44 / 144	
4	192	870	493 5	213 / 171 42 / 188	125	865	426 5	147 / 103 44 / 188	
5	102	310	403 5	123 / 81 42 / 230	206	390	507 5	226 / 186 40 / 228	
6	99	085	400 5	119 / 79 40 / 270	207	230	508 5	229 / 185 44 / 272	+ 1110.930
7	169	315	470 5	180 / 158 22 / 292	143	950	444 5	153 / 133 20 / 292	− 1010.100
								292	+ 100.830
B.M. 27.10	1110	930			1010	100		584	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 27-10 TO B.M. 27-11
B.M. 27-10									B.M. 27-10 (U.S.C.&G.S. R767 1945)
1	241	705	542.5	272 190 102	2~~2~~3	380	324.5	1/2 74 23 102	VISTA DEL MAR & CENTURY BLVD.
									SEE F.B. 1393-14
2	77	825	378.5	127 27 100	195	730	496.5	245 145 100	
				202				202	
3	45	120	346.5	89 1 88	246	560	547.5	290 202 88	π = WILKS
				290 ✓				290 ✓	
								290 ✓	
B.M. 27-11	364	650 ✓			465	670 ✓		580	B.M. 27-11 (VENICE G-7)
					364	650 ✓			VISTA DEL MAR & SPERRY ST.
					101	020 ✓			SEE F.B. 1393-15

F.B. 3779 PG. 46 JOB NO. 030L.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (6-7-68)

INDEXED C.J. GALLI DATE

64° WEATHER OVERCAST INST. NO. 96716

TIME 8:30 TO 8:50 ROD NO. 9819

NOTES CHKD [signature] DATE JUL 15 '68

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 27-10 TO 27-9A
27-10									27-10 (U.S.C.&G.S. R767 1945)
1	171	400	472 S	156 / 186 30	103	870	404 S	88 / 118 30	VISTA DEL MAR S. OF CENTURY
2	255	465	556 S	227 / 283 56 / 86	102	355	403 S	74 / 130 56 / 86	@ ENTRANCE TO MENS REST ROOM SEE F.B. 1393-14
3	157	080	458 S	124 / 190 66 / 152	179	745	480 S	147 / 211 64 / 150	
4	161	150	462 S	143 / 179 36 / 188	172	840	473 S	155 / 189 34 / 184	
27-9A								188 / 372	27-9A VISTA DEL MAR & DEAUVILLE SEE F.B. 1393-13
	745	095			558	810			
	558	810							
	+186	285							

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

SURVEY BY G.E. DREIER WEATHER 74° CLEAR INST. NO. 96716

NOTES BY DON DATE 6-6-67 TIME 10:15-10:35 ROD NO. 9619

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE JUL 15 '68

F.B. 3779 PG. 47

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 27-9A TO 27-10
27-9A									27-9A
1	185	670	486 5	154 / 216 62	139	835	440 5	108 / 170 62	
2	175	570	476 5	146 / 204 58 / 60	223	700	524 5	194 / 252 58	
3	56	060	357 5	24 / 88 120 / 64 / 184	239	890	540 5	1/2 207 / 239 64 / 184	
~~4~~									
27-10								184 / 368	27-10
	417	300			603	425			
					417	300			
					186	125			

F.B. 3779 PG. 48 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES DON 6-6-68

INDEXED C.J. GALLI DATE

WEATHER CLEAR 70° INST. NO. 96716

TIME 2:25 · 2:45 ROD NO. 9819

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 27-9A TO 27-9B
27-9A									27-9A
									VISTA DEL MAR & DEAUVILLE
1.	145	335	446 5	138/152 14	178	510	479 5	171/185 14	SEE F.B. 1393-13
					145	335		14	
					-33	175		28	
27-9B									27-9B
									VISTA DEL MAR & DEAUVILLE
									SEE F.B. 1393-13

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

SURVEY BY G.E. DREIER WEATHER 72° CLEAR INST. NO. 96716

NOTES BY DON DATE 6-6-68 TIME 10:35-10:40 ROD NO. 9849

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

F.B. 3779 PG. 49

F.B. 3779 Pg. 50 JOB NO. 0301.02

SURVEY OF L. A. Co. PRECISE LEVEL NET

SURVEY BY G. E. D. NOTES DON 6-6-68

INDEXED C. J. GALLI DATE

70°

WEATHER CLEAR INST. NO. 96716

TIME 2:20 - 2:25 ROD NO. 9819

NOTES CHKD. [signature] DATE JUL 15 68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
27-9A									FROM 27-9A TO 27-9B
	175	860	476 5	168 / 182 14	142	710	443 5	135 / 149 14	27-9A
	142	710						14	
27-9B	+ 33	150						28	27-9B

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 27-9B TO 27-9
27-9B													27-9B
1	155	365	456	5	120 / 190	70	181	150	482	5	147 / 215	68	VISTA DEL MAR & DEAUVILLE
													SEE F.B. 1393-13
2	136	590	437	5	105 / 167	62	181	610	482	5	150 / 212	62	
						132						130	
3	150	890	451	5	119 / 181	62	193	560	494	5	162 / 224	62	
						194						192	
4	158	010	459	5	148 / 168	20	141	520	442	5	130 / 152	22	
						214						214	
27-9												214	27-9 (U.S.C.&G.S. T767 1945)
	600	855					697	840				428	VISTA DEL MAR & HAVILAND
							600	855					SEE F.B. 1393-12
						-	96	985					

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 72°

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

NOTES BY DON DATE 6-6-68 TIME 10:40-10:55 ROD NO. 9819

INDEXED C.J. GALLI DATE NOTES CHKD [illegible] DATE 15 68

F.B. 3779 PG. 51

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 27-9 TO 27-9B
27-9									27-9
1	183	490	484 5	156/210 54	142 ~~136~~	140 ~~460~~	443 ~~437~~ 5	114/170 56	
2	178	370	479 5	142/214 72 126	144	430	445 5	108/180 72 128	
3	189	365	490 5	160/218 58 184	147	315	448 5	119/175 56 184	
4	169	995	470 5	154/184 30 214	190	310	491 5	177/203 26 210	
27-9B								214	27-9B
	721	220			624	195		424	
	624	195							
+	97	025							

F.B. 3779 PG. 52

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES DON 6-6-68

INDEXED C.J. GALLI DATE

72° WEATHER CLEAR INST. NO. 96716

TIME 2:00 - 2:20 ROD NO. 9819

NOTES CHKD [signature] DATE [illegible]

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 27-9 TO 27-8A
27-9									27-9 (U.S.C&G.S. T767 1945)
1	107	400	408 5	73 / 141 68	172	655	473 5	137 / 207 70	VISTA DEL MAR & HAVILAND
									SEE F.B. 1393-12
2	144	345	445 5	118 / 170 52	152	330	453 5	126 / 178 52	
				120	✓			122 ✓	
27-8A								120 ✓	27-8A
	251	745 ✓			324	985 ✓		242 ✓	VISTA DEL MAR & JAQUELIN
					251	745 ✓			SEE F.B. 1393-11
					73	240 ✓			

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

SURVEY BY G.E. DREIER

NOTES BY DON DATE 6-6-68

INDEXED C.J. GALLI DATE

WEATHER 74° PTLY. CLDY INST. NO. 96716

TIME 10:55 - 11:05 ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

F.B. 3779 PG. 53

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 27-8A TO 27-9
27-8A									27-8A
1	194	995	495 5	163 / 225 62	142	750	443 5	112 / 172 60	
2	169	880	470 5	140 / 198 58 / 120 ✓	148	950	449 5	118 / 178 60 / 120 ✓	
27-9								120 ✓	27-9
	364	875 ✓			291	700 ✓		240 ✓	
	291	700 ✓							
+	73	175 ✓							

F.B. 3779 PG. 54 JOB NO. 0301.02

SURVEY OF G.E. DEETER L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES DON 6-6-68

INDEXED C. J. GALLI DATE

WEATHER CLEAR 72° INST. NO. 96716

TIME 1:45 - 2:00 ROD NO. 9819

NOTES CHKD. [signature] DATE JUL 15 '68

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM 27-8A TO 27-8
27-8A													27-8A
1	124	960	425	5	92/156	64	181	490	482	5	151/211	60	VISTA DEL MAR & JAQUELIN
													SEE F.B. 1393-4
2	168	350	469	5	163/173	10	184	850	485	5	178/190	12	
						74						72	
27-8												74	27-8 (VENICE H-8D)
	293	310					366	340				146	VISTA DEL MAR & KILLGORE
							293	310					SEE F.B. 1393-11
							73	030					

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

SURVEY BY G.E. DREIER

NOTES BY DON DATE 6-6-68

INDEXED C.J. GALLI DATE

WEATHER 76° HAZY

TIME 11:05 - 11:20

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 9819

F.B. 3779 PG. 55

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 27-8 TO 27-8A
27-8									27-8
1	221	240	522 5	192 / 246 50	146	800	447 5	121 / 171 50	VISTA DEL MAR & KILLGORE
									SEE F.B. 1393-11
2	148	425	449 5	138 / 158 20	149	720	450 5	139 / 159 20	
				70				70	
27-8A								70	27-8A
	369	665			296	520		140	
	296	520							
+	74 / 3	145							

F.B. 3779 PG. 56

JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES DON 6-6-68

INDEXED C.J. GALLI DATE

WEATHER BREEZE 70° INST. NO. 96716

TIME 1:30-1:45 ROD NO. 9819

NOTES CHKD [illegible] DATE JUL 15 '68

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM 27-8 TO 27-7A
B.M. 27-8													27-8
1	155	080	456	5	121/189	68	189	575	490	5	155/223	68	VISTA DEL MAR & KILLGORE
													SEE F.B. 1393-11
2	154	525	455	5	124/184	60	186	735	487	5	156/216	60	
						128						128	
3	159	470	460	5	140/178	38	172	220	473	5	153/191	38	
						166						166	
B.M. 27-7A												166	27-7A
	469	075					548	530				332	VISTA DEL MAR N. OF IMPERIAL Hwy.
							469	075					SEE F.B. 1393-10 & 3703-19
							79	455					

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

SURVEY BY G.E. DREIER WEATHER 76° HAZY INST. NO. 96716

NOTES BY DON DATE 6-6-68 TIME 11:25 - 11:40 ROD NO. 9819

INDEXED C.J. GALLI DATE NOTES CHKD [illegible] DATE 11 15 68

F.B. 3779 PG. 57

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 27-7A TO 27-8
BM. 27-7A									27-7A
1	182	895	483 5	152/212 60	152	760	453 5	122/182 60	
2	175	950	476 5	144/206 62	132	080	433 5	101/163 62	
3	167	560	468 5	146/188 42	162	210	463 5	140/184 44	
				164 ✓				166 ✓	
BM 27-8								164 ✓	
	526	405 ✓			447	050 ✓		330 ✓	B.M. 27-8
	447	050 ✓							
	+ 79	355 ✓							

68° WEATHER BREEZE INST. NO. 96716

TIME 1:20 - 1:30 ROD NO. 9819

NOTES CHKD [signature] DATE [illegible]

F.B. 3779 PG. 58 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES DON 6-6-68

INDEXED G.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 27-7A TO 27-6
27-7A													27-7A
													VISTA DEL MAR & IMPERIAL HWY.
1	129	735	430	5	99/159	60	169	810	470	5	139/199	60	SEE F.B. 1393-10 & 3703-19
							129	735				60	
27-6							40	075				120	27-6 (VENICE H-9 1951)
													VISTA DEL MAR & IMPERIAL HWY.
													SEE F.B. 1393-10 & 3703-19

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

SURVEY BY G.E. DREIER

NOTES BY DON DATE 6-6-68

INDEXED C. J. GALLI DATE

WEATHER 76° HAZY INST. NO. 96716

TIME 11:40 - 11:45 ROD NO. 9819

NOTES CHKD. [illegible] DATE [illegible]

F.B. 3779 PG. 59

F.B. 3779 Pg. 60

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES Don 6-6-68

INDEXED C.J. GALLI DATE

68°

WEATHER BREEZE INST. NO. 96716

TIME 1:10 - 1:20 ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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
27-6									FROM 27-6 TO 27-7A
1	178	980	479 5	148	138	850	439 5	109	27-6
	138	850		208				167	
27-7A	+40	130		60				58	
								60	
								118	27-7A

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 G.E. DREIER
NOTES BY G.E. DREIER DATE 6-10-68 WEATHER CLEAR 70° INST. NO. 26716
TIME 9:05 TO ROD NO. 9819
INDEXED C.J. GALLI DATE NOTES CHKD. DATE
F.B. 3779 PG. 61

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM 27-6 TO 27-5A
B.M. 27-6									B.M. 27-6 (VENICE H-9 1951)
1	200	485	501 5	228 172 56	115	170	416 5	144 86 58	VISTA DEL MAR & IMPERIAL Hwy, E.
									SEE F.B. 1393-10
2	203	195	504 5	233 173 60 116	167	330	468 5	196 138 58 116	
3	129	905	430 5	160 98 62 178	190	045	491 5	221 159 62 178	π SIEMANN
4	139	970	440 5	175 103 72 250	206	260	507 5	241 171 70 248	
5	144	105	445 5	175 113 62 312	205	850	506 5	236 174 62 310	
6	144	000	445 5	175 113 62 374	202	920	503 5	234 170 64 374	
7	152	590	453 5	174 130 44 418	126	770	427 5	148 104 44 418	
B.M. 27-5A								418 836	B.M. 27-5A (U.S.C.&G.S. H 1052 1960)
	1114	260			1214	345			VISTA DEL MAR AT HYPERION
					1114	250			SEE F.B. 1393-9
					100	095			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3779 PG. 62 JOB NO. 030.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES G.E. DREIER 6-10-68

INDEXED C. J. GALLI DATE

WEATHER HAZE 70° INST. NO. 96716

TIME 11:40 TO 12:15 ROD NO. 9 #19

NOTES CHKD. DATE 1 9 68

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS From 27-5A To 27-6
B.M. 27-5A									B.M. 27-5A (U.S.C. & G.S. H 1052 1960)
1	117	140	418 5	139 95 44	143	260	444 5	165 121 44	VISTA DEL MAR & HYPERION ADMIN. BLDG.
									SEE F.B. 1393-9
2	182	530	483 5	201 163 38 82	145	085	446 5	165 125 40 84	
3	184	650	485 5	205 163 42 124	144	800	445 5	165 123 42 126	
									T SIEMANN
4	189	160	490 5	215 163 52 176	137	070	438 5	164 116 54 180	
5	185	980	486 5	211 159 52 228	137	560	438 5	163 111 52 232	
6	188	300	489 5	214 162 52 280	140	550	441 5	165 115 50 282	
7	189	590	490 5	215 163 52 332	166	680	467 5	191 141 50 332	
8	135	245	436 5	156 114 42 374	188	295	489 5	208 168 40 372	
9	125	985	426 5	148 102 46 420	195	015	496 5	218 172 46 418	
B.M. 27-6								420 838	B.M. 27-6 (VENICE H-9
	1498	560			1398	315			VISTA DEL MAR & IMPERIAL HWY.
	1398	315							SEE F.B. 1393-9
	+ 100	245							

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 G.E. DREIER WEATHER HAZE 70°

NOTES BY G.E. DREIER DATE 6-10-68 TIME 9.40 TO INST. NO. 96716

INDEXED C.J. GALLI DATE NOTES CHKD. DATE ROD NO. 2819 JUL 15 68

F.B. 3779 PG. 63

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 27/~~48~~-5A TO 27/~~48~~-5
B.M. 27/~~48~~-5A									B.M. 27/~~48~~-5A (U.S.C.&G.S. H 1052 1960
				103				185	VISTA DEL MAR AT HYPERION ADMIN. BLDG
1	98	170	399.5	93 10	180	770	481 5	175 10	SEE F.B. 1393-9
					98	170		10	
					82	600		20	
27/~~48~~-5 B.M.									27/~~48~~-5 B.M.
									VISTA DEL MAR AT HYPERION ADMIN. BLDG
									SEE F.B. 1393-9

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ~~48~~ 27-5 TO ~~48~~ 27-5A
B.M. ~~48~~ 27-5									B.M. ~~48~~ 27-5
1	182	460	483 5	187 ~~179~~ 10	99	880	400 5	104 94 10	
	99	880						10	
	+ 82	580						20	
B.M. ~~48~~ 27-5A									B.M. ~~48~~ 27-5A (U.S.C.&G.S H-1052 1960)

72°

WEATHER HAZE INST. NO. 96716

TIME 9:45 TO 9:50 ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

F.B. 3779 PG. 64 JOB NO. 0301.02

SURVEY OF

SURVEY BY NOTES G.E. DREIER 6-10-68

INDEXED C.J. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM ~~48~~ 27-5 TO ~~48~~ 27-4
B.M. 27-~~4~~5									B.M. ~~48~~ 27-5
1	155	131	456 5	180 130 50	141	387	442 5	166 115 51	VISTA DEL MAR AT HYPERION SEE F.B. 1393-9
2	181	576	482 5	204 157 47 97	142	737	443 5	165 119 46 97	
3	185	884	486 5	215 154 61 158	155	613	456 5	185 124 61 158	
4	131	181	432 5	160 102 58 216	187	566	488 5	216 158 58 216	
5	133	393	434 5	159 107 52 268	188	620	489 5	213 162 51 267	
6	136	530	437 5	161 110 51 319	184	087	485 5	210 159 51 318	π = DREIER
~~7~~	128	711	429 5	154 102 52 371	149	410	450 5	174 123 51 369	
8	190	445	491 5	217 164 53 424	130	330	431 5	157 103 54 423	
9	167	623	468 5	189 144 45 469	293	010	594 5	293 271 44 467	
10	34	302	335 5	45 34 22 491	252	525	553 5	263 240 23 490 491	
B.M. 27-4	1444	776			1825	285		981	B.M. 27-4 (U.S.C.&G.S. B768 1945) VISTA DEL MAR, S. OF GRAND IN STD. OIL CO. SALT WATER PUMP PLANT SEE F.B. 1393-8
					1444	776			
					380	509			

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 6-10-68

INDEXED C.J. GALLI DATE

WEATHER HAZY SUN 72° INST. NO. 96716

TIME 10:00 TO 10:47 ROD NO. 9219

NOTES CHKD. [signature] DATE JUL 15 68

F.B. 3779 PG. 65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.27-4 TO B.M.27-5
BM.27-4									B.M.27-4 (U.S.C.&G.S. B 768 1945)
1	260	258	561 5	272 248 24	41	930	342 5	52 30 22	
2	299	287	600 5	299 278 42 66	172	496	473 5	193 150 43 65	
3	129	183	430 5	156 101 55 121	191	209	492 5	219 163 56 121	
4	153	567	454 5	180 125 55 176	128	384	429 5	155 101 54 175	
5	181	091	482 5	207 155 52 228	133	653	434 5	159 107 52 227	
6	188	840	489 5	215 161 54 282	130	685	431 5	157 103 54 281	π = DREIER
7	~~189~~	~~511~~	~~490 5~~	~~219 159 60~~	132	750	433 5	162 102 60 341	
	188	803	489 5	218 158 60 342					
8	146	495	447 5	170 122 48 390	176	450	477 5	201 151 50 391	
9	138	112	439 5	162 115 47 437	178	880	479 5	201 155 46 437	
10	137	290	438 5	164 110 54 471	156	057	457 5	183 128 55 492	
								491	
B.M.27-5	1822	926			1442	494		983	B.M.27-5
	1442	494							VISTA DEL MAR AT HYPERIAN
	+ 380	432							SEE F.B.1393-9

74°

WEATHER HAZY SUN INST. NO. 96716

TIME 10:55 TO ROD NO. 9419

NOTES CHKD. [signature] DATE JUL 15 '68

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (6-10-68)

INDEXED C.J. GALLI DATE

F.B. 3779 PG. 66

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER HAZE-BREEZE INST. NO. 96716
NOTES BY G.E. DREIER DATE 8-10-68 TIME 1:30 PM ROD NO. 9819
INDEXED C.J. GALL DATE NOTES CHKD. DATE 11 15 68
F.B. 3779 Pg. 67

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM 27-4 TO 27-3
B.M. 27-4									B.M. 27-4 (U.S.C.&G.S. B 768 1945)
1	160	330	460	5 166 154 12	159	760	460	5 168 153 12	VISTA DEL MAR AT STD. OIL Co. PUMP PLANT
									SEE F.B. 1393-8
2	208	400	509	5 234 182 52 64	59	600	360	5 84 34 50 62	
3	145	405	446	5 165 125 40 104	152	850	453	5 172 132 40 102	T SIEMANN
4	137	240	438	5 160 114 46 150	174	456	475	5 198 150 48 150	
5	150	835	451	5 170 130 40 190	236	785	537	5 256 216 40 190	
6	94	130	395	5 150 88 ~~12~~ 202	241	~~542~~ 195	542	5 247 235 12 202	
B.M. 27-3	154	050	455	5 157 151 6 208	269	845	570	5 272 266 6 208 208 416	B.M. 27-3 (U.S.C.&G.S. TIDAL 2 B33) NEAR STD. OIL PIER SEE F.B. 1393-7
	1050	390			1294	491			
					1050	390			
					244	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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 27-3 TO 27-4
BM 27-3									B.M. 27-3 (U.S.C.&G.S. TIDAL 2 1933
1	270	230	571 5	275 265 10	53	395	354 5	61 45 16	AT STD. OIL PIER
									SEE F.B. 1393-7
2	289	420	590 5	304 274 30 40	156	415	457 5	172 140 32 48	
3	182	490	483 5	208 156 52 92	147	230	448 5	171 123 48 96	
4	152	575	453 5	175 129 46 138	183	215	484 5	204 162 42 138	
5	92	290	393 5	113 71 42 180	215	775	516 5	236 194 42 180	
7	222	945	523 5	231 213 18 198	209	290	510 5	218 200 18 198	
BM 27-4								198	B.M. 27-4 (U.S.C.&G.S. B 768 1945)
	1209	950			965	320		396	
	965	320							
	+244	630							

F.B. 3779 Pg. 68

JOB NO. 0301.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 6-10-68

INDEXED C. J. GALLI DATE

WEATHER BREEZE 70° HAZE

TIME

NOTES CHKD. [illegible]

INST. NO. 96716

ROD NO. 9819

DATE JUL 15 '68

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY STEINMAN
INDEXED C.J. GALLI
DATE 6-11-68
DATE
WEATHER OVERCAST 68°
TIME 11:30 TO 12:10
NOTES CHKD
INST. NO.
ROD NO.
DATE 11 15 68
F.B. 3779 PG. 69

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
					RERUN								FROM B.M. 27-3 TO B.M. 27-4
B.M. 27-3													B.M. 27-3 (U.S.C.&G.S. TIDAL 2 1933)
1	276	410	577	5	284 / 268	16	29	223	330	5	37 / 21	16	AT STD. OIL CO. PIER
													SEE F.B. 1393-7
2	269	125	570	5	285 / 253	32	157	467	458	5	173 / 141	32	
						48						48	
3	179	678	480	5	207 / 151	56	149	758	450	5	177 / 121	56	
						104						104	
4	124	910	425	5	151 / 97	54	204	580	505	5	231 / 177	54	π = DREIER
						158						158	
5	70	313	371	5	87 / 53	34	84	002	385	5	101 / 67	34	
						192						192	
6	18	157	319	5	23 / 13	10	69	078	370	5	73 / 65	8	
						202 ✓						200 ✓	
												202 ✓	
B.M. 27-4	938 593 ✓						694 108 ✓					402	B.M. 27-4 (U.S.C.&G.S. B-768 1945)
	694 108 ✓												VISTA DEL MAR & STD. OIL CO.
	+ 244 485 ✓												PUMP PLANT. SEE F.B. 1393-8

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 96716
ROD NO. 78/19
DATE JUL 15 68

WEATHER OVERCAST 68°
TIME 12:15 TO 12:46
NOTES CHKD

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 27-4 TO B.M. 27-3
B.M. 27-4									B.M. 27-4 (U.S.C.&G.S. B-768 1945)
~~1~~	~~82842~~	~~3835~~	~~86 78 8~~		~~31921~~	~~3323~~	~~35 27~~	~~8~~	VISTA DEL MAR & STD. OIL CO. PUMP PLANT. SEE F.B. 1393-8
1	192557	4935	199 185 14		196640	4975	203 189 14		
2	216951	5175	240 192 48		114220	4155	138 90 48		
3	192845	4935	217 167 50	62	174767	4755	199 147 52	62	
4	162822	4635	185 139 46	112	179788	4805	202 156 46	114	
5	150829	4515	164 136 28	158	297340	5985	½ 297 ½ 286 22	160	
6	101330	4025	107 95 12	186	299220	6005	½ 299 ½ 292 14	182	
				198				196 ✓	
								198 ✓	
B.M. 27-3	1017344 ✓				1261975 ✓			394	B.M. 27-3 (U.S.C.&G.S. TIDAL 2.93)
					1017344 ✓				AT STD. OIL CO. PIER.
					244631 ✓				SEE F.B. 1393-7

F.B. 3779 PG. 70
JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVELNET
SURVEY BY DREIER NOTES SIEMANN (6-11-68)
INDEXED G.A. GALL DATE

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 27-3 TO B.M. 27-2
B.M. 27-3									B.M. 27-3 (U.S.C.&G.S. ~~R 50 1925~~ TIDAL 2, 1933)
1	266	820	567	5 268 264 4	35	695	336	5 38 32 6	AT STD. OIL CO. PIER
									SEE F.B. 1393-7
2	132	900	433	5 151 113 38 42	206	210	507	5 224 188 36 42	
									π R. SIEMANN
3	39	450	340	5 51 27 24 66	192	580	493	5 304 180 24 66	
B.M. 27-2				"BOOT"	100	000		66	"BOOT", A 4" THICK PLANK IS SECURED IN PLACE 3 FT ABOVE B.M. IT HAS A HOLE TO SMALL TO PERMIT ROD, THUS USE OF A "BOOT"
	439	170 ✓			534	485 ✓		132	
					439	170 ✓			
					95	315 ✓			

B.M. 27-2 (U.S.C.&G.S. R 50 1925)
AT STD. OIL CO. PIER
SEE F.B. 1393-7

MEASURE TO DETERMINE "BOOT"

	(1)	(2)
ROD	270.230	269.985
ROD WITH "BOOT" =	170.205	170 015
	100,025	99,970

MEAN "BOOT" = 100.000 cm.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.R. DREIER
NOTES BY G.E. DREIER DATE 6-10-68 TIME 2:45 TO 3:00 WEATHER LT. BREEZE 70° INST. NO. 96716
INDEXED C.J. GALLI DATE NOTES CHKD. DATE ROD NO. 9817
F.B. 3779 Pg. 71

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM.27-2 TO BM.27-3
BM.27-2 @ Boot	100	000							BM. 27-2 (U.S.C.& G.S. R 50 1925)
1	194	140	595.5	306 282 24	51	045	352.5	64 38 26	AT STD. OIL CO. PIER
									SEE F.B. 1393-7
2	225	740	526.5	246 204 42 66	232	790	533.5	254 210 44 70	
3	95	910	396.5	97 92 5 71	236	700	537.5	239 234 5 75	
BM.27-3								71	B.M. 27-3 (U.S.C.& G.S. TIDAL 2 1933
	615	790			520	535		146	AT STD. OIL CO. PIER
	520	535							SEE F.B. 1393-7
+	95	255							

F.B. 3779 PG. 72

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 6-10-68

INDEXED C. J. GALLI DATE

JOB NO. 030102

WEATHER LT. BREEZE INST. NO. 96716

TIME 3:00 TO 3:10 ROD NO. 9819

NOTES CHKD [signature] DATE 15 68

70

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 6-11-68
INDEXED G.J. GALL DATE
NOTES CHKD. DATE
WEATHER 70° OVERCAST INST. NO. 26716
TIME 9:45 TO 10:30 ROD NO. 28119
F.B. 3779 Pg. 73

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From B.M. 27-2 To B.M. 27-1
BM 27-2 (Rod Include 100.00 Boot) 1	303	665	604	5	328 278	50	160	945	461	5	187 133	54	B.M. 27-2 (U.S.C.&G.S. R 50 1925) AT STD. OIL CO. PIER SEE F.B. 1393-7
2	166	970	467	5	202 130	72 122	191	520	492	5	229 153	76 130	
3	156	735	457	5	187 125	62 184	174	990	475	5	201 147	54 184	
4	183	550	484	5	214 152	62 246	115	920	416	5	145 85	60 244	R. SIEMANN
5	184	999	485	5	216 152	64 310	162	620	463	5	194 130	64 308	
6	174	010	475	5	207 141	66 376	155	580	456	5	189 121	68 376	
7	169	705	470	5	199 139	60 436	298	560	599	5	298 272	52 428	
8	65	650	366	5	92 38	54 490	86	670	387	5	117 55	62 490	
9	288	380	589	5	298 278	20 510	27	150	328	5	38 16	22 512	✓
B.M. 27-1												510 1022	B.M. 27-1 (U.S.C.&G.S. 43rd ST & THE STRAND SEE F.B. 1393-6
	1693	664	✓				1373	955	✓				
	1373	955	✓										
+	319	709	✓										

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 27-1 TO B.M. 27-2
B.M. 27-1									B.M. 27-1 (U.S.C.&G.S.
1	35	630	336 5	1/2 69 35 68	289	260	590 5	1/2 289 255 68	43rd ST. & THE STRAND
									SEE F.B. 1393-6
2	201	880	502 5	224 178 46 114	114	430	415 5	138 90 48 116	⊼ R. SIEMANN
3	210	305	111 5	245 175 70 184	164	535	465 5	198 130 68 184	
4	146	040	447 5	181 111 70 254	148	100	449 5	183 113 70 254	
5	91	960	392 5	126 56 70 324	184	430	485 5	219 149 70 324	
6	176	210	477 5	210 142 68 392	169	390	470 5	203 135 68 392	
7	199	015	500 5	234 164 70 462	168	030	469 5	204 132 72 464	
8	167	540	468 5	195 139 56 518	310 ~~210~~	435 ~~380~~	611 5	335 285 50 514	ROD INCLUDES 100,000 C.M. BOOT
BM. 27-2								518	B.M. 27-2 (U.S.C.&G.S. R 50 1925)
	1228	580			1548	610		1032	AT STD. OIL CO. PIER
					6228	580			
					320	030			

WEATHER THIN OVERCAST INST. NO. 96716

TIME 8:45 TO ROD NO. 9 & 19

NOTES CHKD. [signature] DATE JUL 15 '68

F.B. 3779 PG. 74

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 6-11-68

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER PTLY CLOUDY 70°
NOTES BY SIEMANN DATE 6-11-68 TIME 2:05 TO INST. NO. 96716
INDEXED C.J. GALLI DATE NOTES CHKD. DATE ROD NO. 9819
F.B. 3779 PG. 25

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From B.M. 27-2 To B.M. 27-1-A
B.M. 27-2	3 281	750	6 282	5	299 263	36	4	280	305	5	320 4	32	B.M. 27-2 (U.S.C.&G.S. R50 1925) AT STD OIL CO. PIER. SEE F.B 1393-7
2	290	571	591	5	301 279	22	34	027	335	5	48 18	30	
						58						62	
3	300	637	601	5	304 296	8	14	970	315	5	20 8	12	
						66						74	
4	295	508	596	5	298 292	6	15	761	316	5	17 13	4	
						72						78	
5	296	652	597	5	300 292	8	16	858	317	5	18 14	4	
						80						82	
6	290	511	591	5	296 285	11	25	310	326	5	30 20	10	
						91						92	
7	266	520	567	5	292 240	52	25	725	326	5	51 1	52	π = DREIER
						143						144	
8	278	170	579	5	300 256	44	8	000	309	5	128 88	40	
						187						184	
9	264	913	565	5	289 238	51	122	000	423	5	147 97	50	
						238						234	
10	162	940	463	5	191 133	58	141	340	442	5	170 112	58	
						296						292	
11	131	650	432	5	154 108	46	185	414	486	5	209 161	48	
						342						340	
12	112	260	413	5	137 87	50	231	740	532	5	256 206	50	
						392						390	
												392	
B.M. 27-1A	3072	082					825	425				782	B.M. 27-1A VISTA DEL MAR AT S.C.E. CO. ENTRANCE SEE F.B 3703-9
	825	425											
+2	246	657											

"FOOT" × 100000 =

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 27-1A TO B.M. 27-2
B.M. 27-1A	0 58	5			1 697	53			B.M. 27-1A
1	234	810	535 5	207 / 261 54	111	535	412 5	85 / 137 52	HIGHLAND AVE? OR VISTA DEL MAR
2	195	900	496 5	165 / 225 60	132	415	433 5	102 / 162 60	AT S.C.E. CO. STEAM PLANT ENTRANCE
3	127	900	428 5	97 / 157 60	188	780	489 5	157 / 219 62	SEE F.B. 3703-9
4	51	940	352 5	23 / 79 56	296	120	597 5	½ 274 / 296 44	
5	26	525	327 5	8 / 44 36	268	680	569 5	247 / 289 42	
6	30	785	331 5	7 / 53 46	300	565	601 5	½ 277 / 300 46	
7	11	150	312 5	6 / 16 10	290	510	591 5	284 / 296 12	
8	12	950	313 5	9 / 15 6	297	440	598 5	½ 291 / 297 12	
9	14	890	315 5	12 / 16 4	295	510	596 5	292 / 298 6	
10	21	050	322 5	19 / 23 4	223	855	524 5	221 / 225 4	3085.075 ✓
11	37	290	338 5	34 / 40 6	202	485	503 5	197 / 207 10	838.065 ✓
12	25	210	326 5	18 / 32 14	218	315	519 5	212 / 224 12	−2247.010 ✓
13	47	665	348 5	37 / 57 20	258	865	459 5	251 / 265 14	← ROD INCLUDES 100.000 CM. "BOOT"
B.M. 27-2									BM 27-2 (U.S.C.&G.S. R 50 1925)
	838	065	✓		3085	075	✓	752	STD. OIL CO. PIER

WEATHER CLEAR INST. NO. 96716
TIME 10:25 ROD NO. 7819
NOTES CHKD [signature] DATE JUL 15 '68

JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DON 6-12-68
INDEXED C. J. GALLI DATE

F.B. 3779 PG. 76

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. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DARICK

NOTES BY Ron DATE 6-13-68

INDEXED C. J. GALLI DATE

WEATHER 68° HAZY

TIME 9:05 - 10:15

NOTES CHKD. [illegible] DATE JUL 15 68

INST. NO. 96716

ROD NO. 9815

F.B. 3779 Pg. 77

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM 27-2 TO 27-1A
27-2	66						U47	4					27-2 (U.S.C.&G.S. R 50 1925)
1 ROD INCLUDES 100.000 BOOT	387	560	588	5	274 / 300	26	13	700	314	5	2 / 24	22	AT STD. OIL PIER
													SEE F.B. 1393-7
2	236	670	537	5	227 / 245	18	13	605	314	5	½ 13 / 23	20	
						44						42	
3	275	950	576	5	272 / 278	6	16	605	317	5	12 / 20	8	
						50						50	
4	297	210	598	5	295 / 299	4	13	950	314	5	10 / 16	6	
						54						56	
5	288	750	589	5	285 / 291	6	47	740	348	5	44 / 50	6	
						60						62	
6	299	915	600	5	295 / 303	8	12	710	313	5	7 / 17	10	
						68						72	
7	294	070	595	5	½ 271 / 294	46	61	440	362	5	28 / 84	46	
						114						118	
8	294	490	595	5	½ 272 / 294	44	22	170	323	5	-1 / 45	46	
						158						164	
9	266	280	567	5	251 / 281	30	80	050	381	5	65 / 95	30	
						188						194	
10	197	675	498	5	166 / 228	62	143	960	444	5	114 / 172	58	
						250						252	
11	160	520	461	5	128 / 192	64	184	560	485	5	151 / 217	66	
						314						318	
12	100	515	401	5	70 / 130	60	242	565	543	5	213 / 271	58	
						374						374	
27-1A												374	27-1A
	3099	805					853	055				750	VISTA DELMAR AT S.C.E. CO. ENTRANCE
	853	055											SEE F.B. 3703-9
	+2246	750											

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RERUN RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS
											FROM 27-1A TO 27-2
BM 27-1A	366	5		212		1953	5		77		27-1A
1	241	040	542 5	270	58	105	300	406 5	133	56	VISTA DEL MAR AT S.C.E. CO. ENTRANCE
											SEE F.B. 3703-9
2	188	470	489 5	162 / 214	52	148	350	449 5	122 / 174	52	
					110					108	
3	141	585	442 5	112 / 170	58	167	255	468 5	138 / 196	58	
					168					166	
4	76	915	377 5	49 / 103	54	294	295	595 5	1/2 269 / 294	50	
					222					216	
5	16	520	317 5	1/2 16 / 36	40	296	025	597 5	1/2 272 / 296	48	
					262					264	
6	24	450	325 5	1/2 24 / 50	52	290	135	591 5	1/2 265 / 290	50	
					314					314	
7	24	095	325 5	21 / 27	6	291	470	592 5	287 / 295	8	
					320					322	
8	19	700	320 5	17 / 21	4	284	980	585 5	281 / 287	6	
					324					328	
9	17	230	318 5	15 / 19	4	291	000	592 5	289 / 293	4	
					328					332	
10	13	845	314 5	6 / 20	14	293	100	594 5	288 / 298	10	
					342					342	
11	18	655	319 5	11 / 25	14	198	070	499 5	191 / 205	14	
					356					356	
12	12	635	313 5	2 / 22	20	381 ~~381~~	655	582 5	269 / 293	24	← ROD INCLUDES 100.000 CM. "BOOT"
					376 ✓					380 ✓	
BM 27-2										376 ✓	27-2 (U.S.C.&G.S R 50 1925)
	795	140 ✓				3041	635 ✓			756 ✓	AT STD. OIL CO. PIER
						795	140 ✓				SEE F.B. 1393-7
						2246	495 ✓				

F.B. 3779 PG. 78

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES DON 6-13-68

INDEXED C.J. GALLI DATE

T = 72°

WEATHER HAZY INST. NO. 96716

TIME 10:15 ROD NO. 9819

NOTES CHKD [signature] DATE JUL 15 '68

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 76°

SURVEY BY G.E. DREIER WEATHER PT'LY CLOUDY INST. NO. 96716

NOTES BY SIEMANN DATE 6-12-68 TIME 9:00 TO 9:45 ROD NO. 9819

INDEXED C.J. GALLI DATE NOTES CHKD. [illegible] DATE JUL 15 '68

F.B. 3779 PG. 79

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 27-1A TO B.M. 27-1
B.M. 27-1A									B.M. 27-1A
1	181	250	482 5	187 / 175 12	154	420	455 5	160 / 148 12	VISTA DEL MAR AT S.C.E. CO. ENTRANCE
									SEE F.B. 3703-9
2	150	930	451 5	187 / 113 74	3	290	304 5	1/2 36 / 2 3 66	
				86				78	
3	138	105	439 5	147 / 129 18	296	110	597 5	1/2 296 / 2 286 20	
				104				98	
4	11	730	312 5	17 / 5 12	298	890	599 5	1/2 298 / 2 290 16	
				116				114	
5	12	620	313 5	18 / 6 12	293	325	594 5	300 / 286 14	
				128				128	
6	20	530	321 5	26 / 14 12	294	040	595 5	1/2 294 / 2 285 18	
				140				146	✗ = WILKS
7	10	070	311 5	17 / 3 14	287	460	588 5	291 / 283 8	
				154				154	
8	11	660	312 5	14 / 8 6	291	395	592 5	294 / 288 6	
				160				160	
9	8	100	309 5	12 / 4 8	228	605	529 5	232 / 224 8	
				168				168	
10	24	540	325 5	30 / 18 12	285	460	586 5	293 / 277 16	
				180				184	
11	146	050	447 5	177 / 115 62	210	310	511 5	238 / 182 56	
				242 ✓				240 ✓	
								242 ✓	
B.M. 27-1	716	185 ✓			2643	305 ✓		482	B.M. 27-1 CU.S.C.&G.S.
					716	185 ✓			43rd ST. & THE STRAND
					-1927	120 ✓			SEE F.B. 1393-6

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 27-1 TO B.M. 27-1A
B.M. 27-1	5				4 3				B.M. 27-1 (U.S.C.&G.S.
1	216	205	517 5	246 / 186 60	151	545	452 5	181 / 121 60	43 RD. ST. & THE STRAND
									SEE F.B. 1393-6
2	294	120	595 5	302 / 286 16 / 76	5	025	306 5	½ 12 / 5 14 / 74	
3	294	810	595 5	299 / 289 10 / 86	17	735	318 5	21 / 13 8 / 82	
4	288	820	589 5	291 / 285 6 / 92	11	535	312 5	14 / 8 6 / 88	
5	300	400	601 5	½ 300 / 295 10 / 102	83	430	384 5	89 / 77 12 / 100	
6	296	855	597 5	½ 296 / 287 18 / 120	11	250	312 5	17 / 5 12 / 112	π = WILKS
7	298	065	599 5	½ 298 / 292 12 / 132	10	260	311 5	16 / 4 12 / 124	
8	301	605	602 5	½ 301 / 295 12 / 144	15	025	316 5	21 / 9 12 / 136	
9	273	135	574 5	280 / 266 14 / 158	158	215	459 5	168 / 148 20 / 156	
10	22	620	323 5	44 / 0 44 / 202	169	190	470 5	190 / 148 42 / 198	
11	143	700	444 5	163 / 123 40 / 242	170	080	471 5	190 / 150 40 / 238	
								242	
B.M. 27-1A	2730335				803290			480	B.M. 27-1A
	803290								V. STA DELMAR AT S.C.E. Co. ENTRANCE
	+1927045								SEE F.B. 3703-9

F.B. 3779 PG. 80
JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER NOTES SIEMANN (6-12-68)
INDEXED C.J. GALLI DATE
WEATHER PTLY CLOUDY INST. NO. 96716
TIME 9:45 TO 10:20 ROD NO. 9419
NOTES CHKD [signature] DATE 15 68
74°

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 27-1 TO BM 21-24
27-1													27-1 (U.S.C.&G.S. V767 1945)
1	174	705	475	5	148/200	52	139	350	440	5	115/163	48	THE STRAND & 43rd ST.
													SEE F.B. 1393-6
2	138	450	439	5	112/164	52	154	020	455	5	128/180	52	
						104						100	
3	159	160	460	5	134/184	50	163	010	464	5	137/189	52	
						154						152	
4	160 ~~159~~	010	461	5	135/185	50	160	975	461	5	134/186	52	
						204						204	
5	168	150	469	5	155/181	26	69	700	370	5	56/82	26	
						230						230 ✓	
21-24												230 ✓	21-24 (USC&GS Y614 1941)
	800.475 ✓						687.055 ✓					460	THE STRAND & ROSECRANS AVE.
	687.055 ✓												SEE F.B. 1391-28
	+113.420 ✓												

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

SURVEY BY G. E. DREIER WEATHER 76° CLEAR INST. NO. 96716

NOTES BY DOH DATE 6-12-68 TIME 1:30-1:55 ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE 11 15 68

F.B. 3779 PG. 81

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 21-24 TO 27-1
21-24									21-24
1	69	250	370 5	54/84 30	165	405	466 5	149/181 32	
2	160	860	461 5	138/182 44	161	600	462 5	138/184 46	
				74				78	
3	162	345	463 5	142/182 40	162	600	463 5	142/182 40	
				114				118	
4	160	060	461 5	141/179 38	161	895	462 5	142/180 38	
				152				156	
5	156	820	457 5	136/176 40	151	700	452 5	133/169 36	
				192				192	
6	157	690	458 5	138/176 38	177	305	478 5	158/196 38	
				230				230	
27-1								230	27-1
	867	025			980	505		460	
					867	025			
					113	480			

72°

WEATHER CLEAR INST. NO. 96716

TIME 1:30-1:55 ROD NO. 9819

NOTES CHKD [signature] DATE JUL 15 '68

JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES RON 6-13-68

INDEXED C.J. GALLI DATE

F.B. 3779 Pg. 82

F.B. 3779 Pg. 89

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

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

NOTES BY _____ DATE JUNE 1968 TIME _____ ROD NO. 9819

INDEXED C. J. GALLI DATE _____ NOTES CHKD. _____ DATE _____

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	From / To	DESCRIPTION AND REMARKS
								JOB NO. 0301.02
								L.A. Co. PRECISE LEVEL NET
								LINE NO. 21, PARTIAL RELEVELING, 1968
								FROM B.M. 21-24 TO 21-68
								RELEVELING RUN CONTINUED FROM LINE #7,
								F.B. 3779-5 TO 82, AND LINE NO. 48, F.B. 3775 & 3776
								DREIER
								WILKS
								SIEDMANN
								McKNIGHT
								MOORE

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

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

Do not extend notes this side of this line.

76P526 CE # 308 3-65

F.B. 3779 PG. 90 JOB NO. 0301.02

SURVEY OF LA. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER

INDEXED C. J. GALLI DATE

WEATHER INST. NO.

TIME ROD NO.

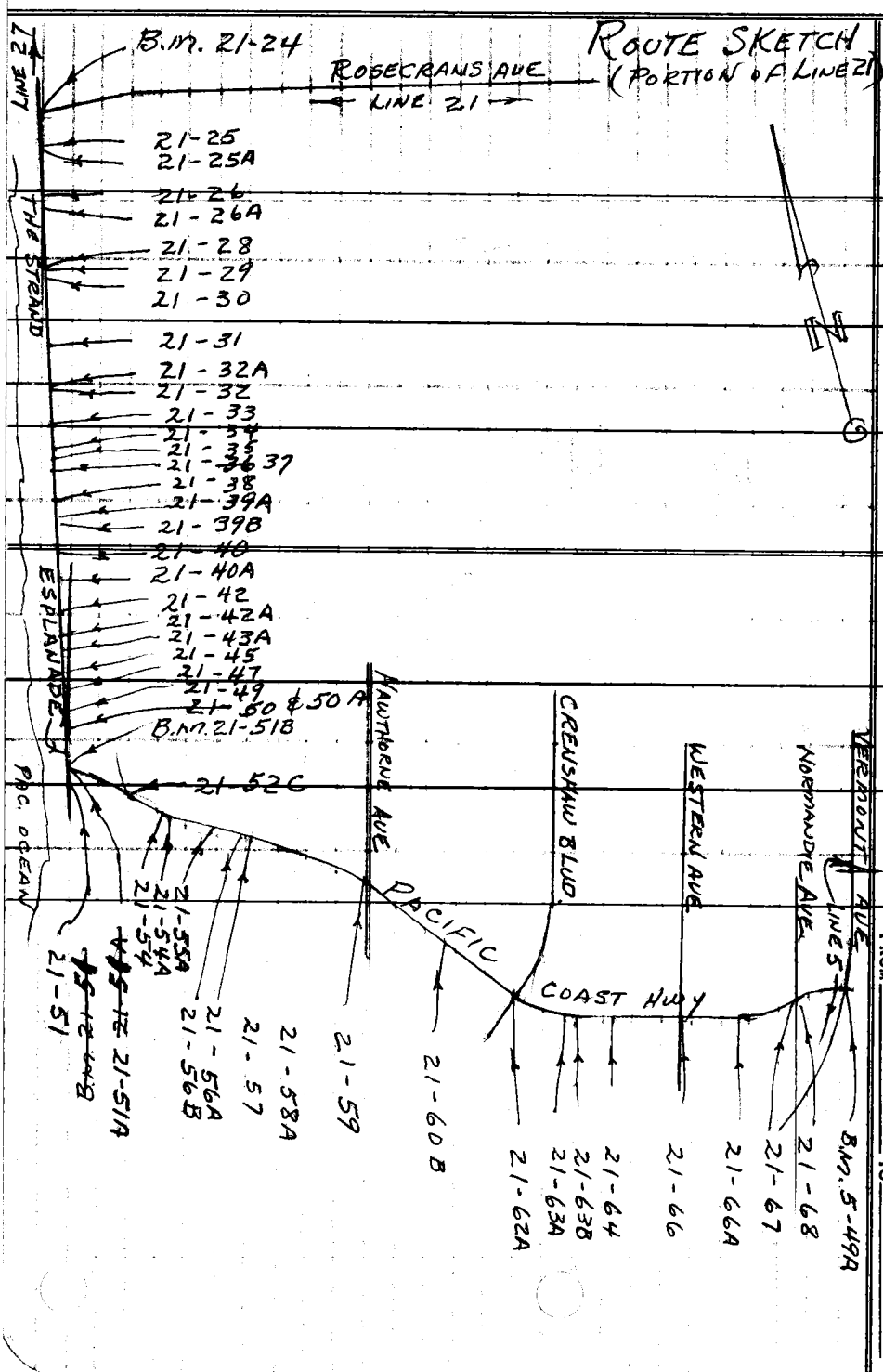
NOTES CHKD. DATE

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
409 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 6-14-68
INDEXED C.J. GALLI DATE
WEATHER HAZY SUN 70° INST. NO. 96716
TIME 8:30 TO ROD NO. 9819
NOTES CHKD [signature] DATE 11-26-68
F.B. 3779 PG. 91

STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
1	151	860	452 5	153 / 149 4	105	305	406 5	134 / 76 58	58M - 4M = 54M = 0.2 MM
2	155	450	456 5	157 / 153 4	201	840	502 5	230 / 172 58	58M - 4M = 54M = 0.2 MM
	307	310		8	307	145		116	CUR. CORR. = 0.4 MM
						-040		8	
	307	105			307	105		108	
		205							

108) 0 205 (0.018 mm)
108
970
864
106

F.B. 3779 Pg. 92

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED C. J. GALLI DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76P526 CE # 308 3-65

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY GE DREIER WEATHER 64° OVERCAST INST. NO 96716

NOTES BY SIEMANN DATE 6-17-68 TIME ROD NO. 7419

INDEXED C. J. GALLI DATE NOTES CHKD DATE JUL 16 68

F.B. 3779 PG. 93

STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				DETERMINATION OF "C"					
1	138	780	439 5	140 136 4	182	370	483 5	213 151 62	62-4M. = 58 = 0.2 MM
2	169	850	470 5	171 167 4	126	135	427 5	157 95 62	62M-4M. = 58M. = 0.2 M.M.
	308	630		8	308	505		124	CUR. CORR: 0.4 MM
	308	465				040		8	
		165			308	465		116	

0.0142 mm

116) 1.65
116
490
464
260
232

F.B. 3779 Pg. 94 JOB NO.

SURVEY OF

SURVEY BY C. J. GALLI NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

76P526 CE # 308 3-65

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	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
					DETERMINATION OF "C" 6-18-68				
1	157	685	458 5	155/159 4	159	700	460 5	132/186 54	DIFF. 50M = 0.2MM
2	158	830	459 5	156/160 4	156	935	457 5	129/183 54	DIFF 50M = 0.2MM
				8				108	
								8	
								100	CUR. CORR. = 0.4MM
	~~855~~				316	635			
	316	515				040			
					316	595			
					316	515			
						~~077~~			
						080			
						1008 mm			
						~~0077~~ C			
					100	0.~~77~~			

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

SURVEY BY G. E. DREIER WEATHER 72° OVERCAST INST. NO. 96716

NOTES BY Don DATE 6-18-68 TIME ROD NO. 9619

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE JUL 16 68

F.B. 3779 PG. 95

F.B. 3779 Pg. 96 JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED C. J. GALLI 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER 70° OVERCAST INST. NO. 26716
NOTES BY WILKS DATE 6-19-68 TIME ROD NO. 2819
INDEXED C.J. GALL DATE NOTES CHKD. DATE 11 16 68
F.B. 3779 Pg. 97

STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM — TO	
					DETERMINATION OF "C" 6-19-68					
1	165	850	466 5	163/167 4	195	200	496 5	169/221 52	DIFF. 48 M	0.2 MM
2	153	950	454 5	151/155 4	124	410	425 5	98/150 52	DIFF. 48 M	0.2 MM
								104		
								8		
	319 800				319 610			96	CUR. CORR. =	0.4 MM
	319 570				− 040					
	0230				319 570					
	+ 023			M.M						
	96 / 2.30									
	192									
	380									

F.B. 3779 Pg. 98

JOB NO.

SURVEY OF

SURVEY BY C. J. GALLI NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

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

76P526 CE # 308 3-65

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 _____ WEATHER 62° OVERCAST INST. NO. 96716

NOTES BY C. J. GALL DATE 6-20-68 TIME _____ ROD NO. 7412

INDEXED _____ DATE _____ NOTES CHKD. [illegible] DATE JUL 16 68

F.B. 3779 Pg. 29

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM _____ TO _____
			DETERMINATION OF "C"						
1	157	345	458.5	157 155 4	140	571	441.5	169 111 58	58M. - 4M. = 54M. = 02MM
2	159	429	460.5	161 157 4	176	182	477.5	205 147 58	58M - 4M. = 54M. = 02MM
	316	774		8	316	753		116	CUR. CORR. = 0.4MM
	316	713				-040		8	
		061			316	713		108	

108) 0.6101 (.0056

540

700

F.B. 3779 PG. 100 JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED C. J. GALLI 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER
INDEXED C.J. GALLI
DATE 6-21-68
TIME
WEATHER 62° FOGGY
INST. NO. 26716
ROD NO. 7818
NOTES CHKD.
DATE
F.B. 3779 Pg. 101

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
1	154	630	455 5	156 152 4	189	070	490 5	216 162 54	54 M - 4 M = 50 M = -0.2 mm
2	157	030	458 5	159 155 4	122	415	423 5	149 95 54 108 4 104	54 M - 4 M = 50 M = -0.2 mm
	311	660			311	485			CUR. CORR = -0.4 mm
						040			
	311	445			311	445			
		215							
		0.021 mm							
		104) 2150							
		208							
		70							

F.B. 3729 PG. 102

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED C. J. GALLI 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER WEATHER 76° OVERCAST INST. NO. 9676
NOTES BY Dreier DATE 6-24-68 TIME ROD NO. 9419
INDEXED C. J. GALLI DATE NOTES CHKD. DATE
F.B. 3779 PG. 103

STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FOREGIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM — TO
					DETERMINATION OF "C" 6-24-68				
1	155	760	456 5	153 / 157 4	116	020	417 5	88 / 144 56	DIFF. 52 MM = 0.2 MM
2	163	285	464 5	160 / 166 6 / 10	202	830	503 5	173 / 231 58 / 114 / 10 / 104	DIFF. 52 MM = 0.2 MM
	319 045				318 850				CUR. CORR. = 0.4 MM
	318 810				-.040				
	0 235				318 810				

.022 C
104 | 2.35
208
270
30.8
620

F.B. 3779 Pg. 104 JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED C. J. GALLI 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.

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

SURVEY BY G.E. PREIER

NOTES BY SIEMANN DATE 6-25-68

INDEXED C. J. GALLI DATE

WEATHER OVERCAST T=66

TIME

NOTES CHKD [illegible] DATE JUL 16

F.B. 3779 ~~105~~ PG. 105

INST. NO. 96716

ROD NO. 9 & 12

STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
1	152	963	453 5	154 / 150 4	145	414	446 5	175 / 115 60	60M − 4M = 56M = 0.2MM
2	152	412	453 5	154 / 150 4	159	790	460 5	189 / 129 60	60M − 4M = 56M = 0.2MM
									CUR. CORR. = 0.4MM
	305	375		8	305	204		120	
	305	164				040		8	
		211			305	164		112	

112) 211 (.0188
112
990
896
940

F.B. 3779 PG. 106

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED C. J. GALLI 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.F. DREIER WEATHER 70° OVERCAST INST. NO. 96714
NOTES BY Das DATE 6-26-68 TIME ROD NO. 9819
INDEXED C.J. GALLI DATE NOTES CHKD. DATE 11-16-68
F.B. 3779 Pg. 117

STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
					DETERMINATION OF "C"				6-26-68
1	156	465	457.5	155/157 2	131	420	432.5	103/157 54	DIFF. 52 MM = 0.2 MM
2	161	750	462.5	159/163 4	186	865	487.5	156/214 58	DIFF. 54 MM = 0.2 MM
				C				112	
								C	
	318	415			318	285		106	CUR. CORR. = 0.4 MM
	318	245			-	040			
	0	170			318	245			
			.016	C					
	106	1.70							
		106							
		640							

F.B. 3779 Pg. 168 JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED C. J. GALLI 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	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				DETERMINATION OF "C"					6-27-68
1	150	160	451 5	152 148 4	117	380	418 5	144 90 54	54 -4M. = 50 M = 0.2MM.
2	151	840	452 5	153 149 4	184	515	485 5	211 157 54	54 -4M = 50M. = 0.2 MM
									CUR. CORR. = 0.40MM
	302	000		8	301	895		108	
	301	855				-040		8	
		145			301	855		100	

100)145 = .0145

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

SURVEY BY G. E. DREIER WEATHER 64° OVERCAST INST. NO. 96716

NOTES BY SIEMANN DATE 6-27-68 TIME ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE JUL 16 68

F.B. 3779 PG. 109

F.B. 3779 Pg. 110

JOB NO.

SURVEY OF

SURVEY BY C. J. GALLI NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

76P526 CE # 308 3-65

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 21-24 TO 21-25
21-24													21-24 (USC&GS Y614 1941)
1	113	340	414	5	105/121	16	142	055	443	5	134/150	16	THE STRAND & ROSECRANS AVE
													SEE F.B. 1391-28
2	187	925	488	5	176/198	22	16	480	317	5	8/24	16	
						38						32	
3	97	845	398	5	91/103	12	257	660	558	5	250/264	14	
						50						46	
4	148	260	449	5	126/170	44	145	700	446	5	122/168	46	
						94						92	
5	141	560	442	5	121/161	40	150	840	451	5	130/170	40	
						134						132	
6	168	230	469	5	143/193	50	188	145	489	5	164/212	48	
						184						180	
21-25												184	21-25 (RM #3 TORRANCE B-1)
	857	160					900	880				364	THE STRAND & 32nd ST.
	~~900~~	~~880~~					857	160					SEE F.B. 1391-29
	~~-56~~	~~280~~					-43	720					

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

SURVEY BY G.E. DREIER

NOTES BY DON DATE 6-13-68

INDEXED C.J. GALLI DATE

WEATHER 76° CLEAR

TIME 2:00 - 2:40

NOTES CHKD [signature] DATE

INST. NO. 96716

ROD NO. 9814

F.B. 3779 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 21-25 TO 21-24
21-25	48								21-25 (RM #3)
1	186	740	487 5	166/206 40	168	070	469 5	147/189 42	
2	147	980	448 5	127/167 40	145	600	446 5	125/165 40	
3	158	685	459 5	138/178 80 40	167	400	468 5	148/186 82 38	
4	148	320	449 5	128/168 120 40	184	260	485 5	164/204 120 40	
5	168	975	469 5	158/178 160 20	141	590	442 5	131/151 160 20	
6	167	150	468 5	164/170 180	127	300	428 5	124/130 180 6	
21-24				6 186				186	21-24 (USC&GS Y614)
	~~0.700~~				934	220		186	
	977	850						372	
	934	220							
	+ 43	630							

WEATHER 76° CLEAR INST. NO. 96716

TIME 2:50 - 3:15 ROD NO. 9819

NOTES CHKD [signature] DATE JUL 16 '68

JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES DON 6-12-68

INDEXED C.J. GALLI DATE

F.B. 3779 PG. 112

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 21-25 TO 21-25A
21-25													21-25 (RM #3 TORRANCE B-1)
					176						147		THE STRAND & 32nd. ST.
	180	710	481	5	184	8	151	960	452	5	155	8	SEE F.B. 1391-29
	151	960										8	
	+ 28	750										16	
21-25A													21-25A (R.M. #1 TORRANCE B-1)
													THE STRAND & 32nd. ST
													SEE F.B. 1391-29

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

SURVEY BY G.E. DREIER

NOTES BY DON DATE 6-12-68

INDEXED C.J. GALLI DATE

WEATHER 76° CLEAR

TIME 2:40-2:45

NOTES CHKD [signature] DATE JUL 16 68

INST. NO. 96716

ROD NO. 9619

F.B. 3779 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 21-25A TO 21-25
21-25A									21-25A (R.M #1)
	151	045	452 5	147/155 8	179	800	480 5	175/183 8	
					151	045		8	
					28	755		16	
21-25									21-25 (RM#3)

76°

WEATHER CLEAR INST. NO. 96716

TIME 2:45-2:50 ROD NO. 9419

NOTES CHKD [illegible] DATE JUL 16 '68

F.B. 3779 PG. 114 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES DON 6-12-68

INDEXED C.J. GALLI DATE

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER WEATHER HAZY SUN INST. NO. 96716
NOTES BY SIEMANN DATE 6-14-68 TIME 8:40 TO 9:05 ROD NO. 9819
INDEXED C. J. GALLI DATE NOTES CHKD. DATE
F.B. 3779 Pg. 115

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 21-25 A TO B.M. 21-26
B.M. 21-25A													B.M. 21-25A (R.M. #1 TOR. B.M.)
1	289	625	590	5	289 / 248	82	95	995	396	5	136 / 95	82	THE STRAND & 32nd. ST.
													SEE F.B. 1391-29
2	124	350	425	5	160 / 88	72	174	900	475	5	209 / 139	70	
						154						152	
3	166	525	467	5	196 / 136	60	111	200	412	5	141 / 81	60	
						214						212	
4	182	310	483	5	212 / 152	60	138	330	439	5	167 / 109	58	π = WILKS
						274						270	
5	121	920	422	5	132 / 110	22	292	430	593	5	292 / 280	24	
						296						294	
6	10	770	311	5	15 / 5	10	155	295	456	5	160 / 150	10	
						306 ✓						304 ✓	
												306 ✓	
B.M. 21-	895	~~450~~ 500 ✓					968	150 ✓				610	B.M. 21-26 (TORRANCE C-1A 1939)
							895	~~400~~ 350 ✓					24TH ST. & THE STRAND.
							72	~~700~~ 650 ✓					SEE F.B. 3702-65 & 1391-30

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 21-26 TO B.M. 21-25A
B.M. 21.									B.M. 21-26 (TORRANCE C-1A 1939)
1	161	490	462.5	166 / 156 / 10	15	330	316.5	20 / 10 / 10	24th ST. & THE STRAND
									SEE F.B. 1391-30A
2	291	325	592.5	291 / 266 / 50 / 60	132	630	433.5	157 / 107 / 50 / 60	
3	135	760	436.5	156 / 114 / 42 / 102	189	505	490.5	210 / 168 / 42 / 102	
4	122	805	423.5	144 / 100 / 44 / 146	153	900	454.5	175 / 131 / 44 / 146	
5	141	430	442.5	163 / 119 / 44 / 190	120	350	421.5	142 / 98 / 44 / 190	
6	165	765	466.5	192 / 136 / 56 / 246	106	405	407.5	133 / 79 / 54 / 244	
7	180	600	481.5	200 / 160 / 40 / 286	118	985	419.5	138 / 98 / 40 / 284	
8	149	480	450.5	159 / 139 / 20 / 306	282	575	583.5	293 / 271 / 22 / 306	
9	43	880	344.5	45 / 41 / 4 / 310	200	390	501.5	202 / 198 / 4 / 310	
								310	
								620	B.M. 21-25A (R.M. #1 TOR. B-1
B.M. 21-25A	1392	535			1320	070			
	1320	070							
	+ 72	465							

68°

WEATHER SUNNY INST. NO. 96716

TIME 11:05 TO ROD NO. 9 & 19

NOTES CHKD [signature] DATE JUL 16 '68

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-14-68

INDEXED C. J. GALLI DATE

F.B. 3779 PG. 116

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER WEATHER SUNNY 70° INST. NO. 76716
NOTES BY SIEMANN DATE 6-14-68 TIME 9:10 TO 9:30 ROD NO. 7819
INDEXED C.J. GALLI DATE NOTES CHKD. DATE JUL 16 68
F.B. 3779 PG. 117

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From B.M. 21-26 To B.M. 21-26A
B.M. 21-													B.M. 21-26 (TORRANCE C-1A 1939)
1	297	900	598	5	297 / 261	72 / 6	73	040	374	5	109 / 37	72	24TH ST. & THE STRAND
													SEE F.B. 3702-65
2	227	973	528	5	231 / 223	8	138	440	439	5	142 / 134	8	
						80 ✓						80 ✓	
												80 ✓	
B.M. 21-26A	525	873 ✓					211	480 ✓				160	B.M. 21-26A (U.S.C.&G.S. J 1052 1960)
	211	480 ✓											MARINE AVE. & THE STRAND
	+314	393 ✓											SEE F.B. ~~370~~ 1391-30A

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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.21-26-A TO B.M.21-26
B.M.21-26A									B.M.21-26A (U.S.C&G.S. J 1052 1960)
1	183	035	484 5	210 156 54	151	730	452 5	178 124 54	THE STRAND & MARINE AVE. SEE F.B. 1391-30A
2	70	000	371 5	82 58 24	272	060	573 5	284 260 24	
				78				78	
3	12	045	313 5	16 8 8	155	635	456 5	160 150 ~~149~~ 10	⊼ WILKS
				86				88 ✓	
								86 ✓	
B.M.21-	265	080 ✓			579	425 ✓		174	B.M.21-26 (TORRANCE C-1A 1939)
					265	080 ✓			THE STRAND & 24TH ST.
					314	345 ✓			SEE F.B. 3702-65

F.B. 3779 PG. 118

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-14-68

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER SUNNY 68°

TIME 10:50 TO 11:03

NOTES CHKD [signature]

INST. NO. 96716

ROD NO. 9 & 19

DATE JUL 16 '68

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G. E. DREIER WEATHER SUNNY 70° INST. NO. 96716

NOTES BY SIEMANN DATE 6-14-68 TIME 9:25 TO 9:48 ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE 11-16-68

F.B. 3779 PG. 119

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 21-26 A TO B.M. 21-28
B.M. 21-26A									B.M. 21-26 A (U.S.C.&G.S. J-1052
1	185	555	486 5	217 153 64	113	040	414 5	143 83 60	MARINE AVE. & THE STRAND
									SEE F.B. 1391-30A
2	227	840	528 5	256 198 58	145	440	446 5	174 116 58	
				122				118	
3	134	675	435 5	163 105 58	134	820	435 5	164 104 60	
				180				178	
4	222	140	523 5	252 192 60	131	905	432 5	162 100 62	
				240				240	
5	133	860	434 5	163 103 60	216	820	517 5	246 186 60	
				300				300	
6	94	020	395 5	124 64 60	209	860	510 5	239 179 60	
				360				360	
7	29	820	330 5	50 8 42	301	740	602 5	301 283 30	
				402				396	
8	58	450	359 5	64 52 12	226	785	527 5	235 217 18	
				414				414	
								414	
B.M. 21-28	1086	360			1480	410		828	B.M. 21-28 (TORRANCE C-2 1939)
					1086	360			MANHATTAN BEACH BLVD. & THE STRAND
					394	050			SEE F.B. 1391-31, 32 & 3702-69

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.21-28 TO B.M.-21-26A
B.M.21-28									B.M.21-28 (U.S.C.&G.S. J-1052
1	295	235	596 5	1/2 295 282 26	18	460	319 5	30 6 24	THE STRAND & ~~MARINE AVE~~ MANHATTAN BEACH BLVD.
									SEE F.B.1391-31,32
2	281	065	582 5	300 262 38 64	95	620	396	115 75 40 64	
3	213	495	514 5	240 186 54 118	104	190	405 5	133 75 58 122	
4	216	640	517 5	245 187 58 176	143	890	444 5	171 115 56 178	
5	121	400	422 5	150 92 58 234	230	850	531 5	259 201 58 236	π = WILKS
6	155	430	456 5	184 126 58 292	141	360	442 5	170 112 58 294	
7	145	535	446 5	173 117 56 348	219	840	520 5	246 192 54 348	
8	105	255	406 5	137 73 64 412 ✓	18~~6~~5	910	486 5	218 152 66 414 ✓	
								412 ✓	
B.M.21-26A	1534	055 ✓			1140	120 ✓		826	B.M.21-26A
	1140	120 ✓							THE STRAND & ~~MARINE AVE~~ ~~MANHATTAN BEACH BLVD~~ ✓
	+393	935 ✓							SEE F.B.1391-30A

F.B. 3779 Pg. 120

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO. 96716

TIME 10:15 TO 10:45 ROD NO. 9869

NOTES CHKD [signature] DATE JUL 1 1968

70°

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.21-28 TO B.M.21-29
B.M 21-28													B.M. 21-28 (U.S.C.&G.S. TORRANCE C-2
1	198	960	499	5	202 194	8	150	340	451	5	154 146	8	THE STRAND & MANHATTAN BEACH
													BLVD. SEE F.B. 1391-31,32 & 3702-69
	150	340											
												8	
B.M.21-29	48	620										16	B.M. 21-29
													THE STRAND & MANHATTAN BEACH
													BLVD. SEE F.B. 1391-31,32, & 3702-69

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

SURVEY BY G.E. BREIER WEATHER SUNNY 70° INST. NO. 76 716

NOTES BY STEMANN DATE 6-14-68 TIME 9:50 TO 9:55 ROD NO. 7819

INDEXED C.J. GALLI DATE NOTES CHKD. DATE JUL 16 68

F.B. 3779 Pg. 121

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 21-29 TO B.M. 21-28
B.M. 21-29									B.M. 21-29
1	148	990	449 5	152 144 8	197	615	498 5	201 193 8	THE STRAND & MANHATTAN BEACH BLVD. SEE F.B.
					148	990			
								8	
B.M. 21-28					48	625		16	B.M. 21-28 THE STRAND & MANHATTAN BEACH BLVD. SEE F.B.

F.B. 3779 PG. 122 JOB NO. 0301.02

SURVEY OF LA CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIR MANN 6-14-68

INDEXED C. J. GALLI DATE

WEATHER 72° SUNNY INST. NO. 96716

TIME 10:02 TO 10:05 ROD NO. 9819

NOTES CHKD. [illegible] DATE JUL 16 '68

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 21-29 TO B.M. 21-30
B.M. 21-29											2		B.M. 21-29
1	220	790	521	5	224 / 216	8	210	550	511	5	144 / 206	8	THE STRAND & MANHATTAN BEACH BLVD. SEE F.B. 1391-31,32, & 3702-69,70
	210	550											
												8	
B.M. 21-30	+ 10	240										16	B.M. 21-30 (U.S.C. & G.S. 5-50 1925) THE STRAND & MANHATTAN BEACH BLVD. SEE F.B. 1391-31,32 & 3702-69,70

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

SURVEY BY G.E. CREIER WEATHER SUNNY 70° INST. NO. 9716

NOTES BY SIEMANN DATE 6-14-68 TIME 9:55 TO 10:00 ROD NO. 9619

INDEXED C.J. GALLI DATE NOTES CHKD DATE

F.B. 3779 Pg. 123

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 21-30 TO B.M. 21-29
B.M. 21-30									B.M. 21-30
1	207	475	508 5	211 203 8	217	730	518 5	221 213 8	
					207	475			
								8	
B.M. 21-29					+10	255		16	B.M. 21-29

F.B. 3779 PG. 124

JOB NO. 0301-02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-14-68

INDEXED C. J. GALLI DATE

WEATHER SUNNY 70° INST. NO. 96716

TIME 10:00 TO 10:02 ROD NO. 9869

NOTES CHKD [signature] DATE JUL 16 '68

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY DON DATE 6-14-68

INDEXED C.J. GALLI DATE

WEATHER 96° CLEAR INST. NO. 96716

TIME 1:25 - 1:50 ROD NO. 9619

NOTES CHKD. [illegible] DATE JUL 16 '68

F.B. 3779 PG. 125

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM 21-30 TO 21-31
21-30													21-30 (U.S.C&GS 5 50 1925)
1	295	940	596	5	291/299	8	112	725	413	5	107/117	10	THE STRAND & MANHATAN BEACH BLVD.
													SEE F.B. 1391-32 & 3702-69, 70
2	258	425	559	5	239/277	38	173	270	474	5	155/191	36	
						46						46	
3	133	750	434	5	111/155	44	181	670	482	5	159/203	44	
						90						90	
4	120	020	421	5	97/143	46	230	000	531	5	208/252	44	
						136						134	
5	134	900	435 ~~90~~	5	114/154	40	168	990	469	5	148/188	40	
						176						174	
6	159	090	460	5	140/178	38	153	055	454	5	132/174	44	
						214						218	
7	162	955	463	5	159/165	6	146	870	447	5	144/148	4	
						220						222	
21-31												220	21-31 (U.S.C.&GS C 768 1946
	1265.080						1166.580					442	6TH ST. & THE STRAND
	1166.580												SEE F.B. 1391-33 & 3702-71
	+ 98.500												

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 21-31 TO 21-30
21-31					2				21-31
1	139	040	440 5	108 / 170 62	147	790	448 5	117 / 177 60	
2	217	845	518 5	186 / 248 62	84	300	385 5	52 / 116 64	
3	184	965	485 5	153 / 215 124 / 62	124	290	425 5	93 / 155 124 / 62	
4	80	045	381 5	64 / 96 186 / 32	286	210	587 5	271 / 301 186 / 30	
5	173	810	474 5	171 / 175 218 / 4	251	650	552 5	249 / 253 216 / 4	
				222				220	
21-30								222	21-30
	795	705			894	240		442	
					795	705			
					98	535			

64°
WEATHER OVERCAST INST. NO. 96716
TIME 2:25 - 2:50 ROD NO. 9819
NOTES CHKD [signature] DATE JUL 1 0 1938

F.B. 3779 PG. 126 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY G.E.D. NOTES DON 6-17-68
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY DON
DATE 6-14-66
WEATHER CLEAR 74°
INST. NO. 96716
TIME 1:50 - 2:20
ROD NO. 2419
INDEXED C.J. GALLI
DATE
NOTES CHKD
DATE
F.B. 3779 Pg. 127

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From 21-31 To 21-32
21-31	322				146		322				157		21-31 (U.S.C.&G.S. C768 1945)
1	152	780	453	5	156	12	164	860	465	5	171	14	6TH ST. & THE STRAND
					146						146		SEE F.B. 1391-33
2	166	005	467	5	186	40	166	500	467	5	186	40	
					122	52					163	54	
3	142	210	443	5	162	40	183	110	484	5	203	40	
					122	92					160	94	
4	142	100	443	5	162	40	180	940	481	5	200	40	
					126	132					123	134	
5	146	860	447	5	166	40	143	190	444	5	163	40	
					143	172					½ 283	174	
6	163	790	464	5	183	40	301	370	602	5	301	36	
					11	212					½ 296	210	
7	15	090	316	5	19	8	301	170	602	5	301	10	
						220						220	
21-32												220	21-32 (TORRANCE D-3 1939)
	928	835					1441	140				440	THE STRAND & 35TH ST.
							928	835					SEE F.B. 1391-34 & 3702-73
							512	305					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 21-32 TO 21-31
21-32									21-32
1	288	420	589 5	284 / 292 8	3 / 101	800	402 5	97 / 105 8	
2	296	390	597 5	1/2 280 / 296 32	63	600	364 5	44 / 82 38	
3	148	820	449 5	123 / 173 40 / 50	133	035	434 5	107 / 159 46 / 52	
4	175	960	476 5	150 / 200 90 / 50	134	010	435 5	111 / 157 98 / 46	
5	184	700	485 5	160 / 208 140 / 48	157	010	458 5	133 / 181 144 / 48	
6	160	150	461 5	147 / 173 188 / 26	169	035	470 5	158 / 180 192 / 22	
7	168	335	469 5	166 / 170 214 / 4	151 / ~~152~~	950	452 5	149 / 153 214 / 4	
				218				218	
21-31								218	21-31
	1422	775			910	440		436	
	910	440							
	+512	335							

640

WEATHER OVERCAST INST. NO. 96716

TIME 2:00 - 2:35 ROD NO. 9819

NOTES CHKD [signature] DATE JUL 16 '69

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY S.E.D. NOTES JON 6-17-68

INDEXED C. J. GALLI DATE

F.B. 3779 PG. 128

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 21-32 TO 21-32A
21-32									21-32 (TORRANCE D-3 1939)
1	285	730	586 5	281/289 8	191	530	492 5	188/194 6	THE STRAND & 35th ST. SEE F.B. 1391-34 & 3702-73
	191	530						8	
	~~+84~~	~~200~~						14	
21-32A	94	200							21-32A THE STRAND & 35th ST. SEE F.B. 3702-73
21-32									
1									

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

SURVEY BY G.E. DREIER WEATHER 74° CLEAR INST. NO. 96716

NOTES BY DON DATE 6-14-68 TIME 2:30-2:25 ROD NO. 9819

INDEXED C.J. GALLI DATE NOTES CHKD [illegible] DATE JUL 16 68

F.B. 3779 PG. 129

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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 21-32A TO 21-32
21-32A									21-32A
1	179	640	480 S	176/182 6	272	815	573 S	269/275 6	
					179	640		6	
					~~+02~~	~~175~~		12	
21-32					-93	175			21-32
			RERUN 6-17-68						
21-32A									
1	196	620	497 S	192/200 8	290	815	591 S	286/294 8	
					196	620		8	
					-94	195		16	
21-32									

WEATHER OVERCAST 646 INST. NO. 96716

TIME 1:45-1:50 ROD NO. 9819

NOTES CHKD [signature] DATE [illegible]

F.B. 3779 PG. 130 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES DON 6-17-68

INDEXED C. J. GALLI 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.

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

SURVEY BY G. E. DREIER WEATHER 74° CLEAR

NOTES BY DON DATE 6-14-68 TIME 2:25-3:05 INST. NO. 9611 ROD NO. 9619

INDEXED C. J. GALLA DATE NOTES CHKD. DATE 11-6-68

F.B. Pg. 131

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM 21-32A TO 21-33
21-32A	645						675						21-32A
1	193	320	494	5	173/213	40	158	870	459	5	136/176	40	THE STRAND & 35th ST.
2	161	320	462	5	142/180	38	157	285	458	5	138/176	38	SEE F.B. 3702-73
3	154	070	455	5	134/174	40	157	405	458	5	138/176	38	
4	161	085	462	5	141/181	40	161	610	462	5	140/182	42	
5	160	670	461	5	142/178	36	155	750	456	5	138/172	34	
6	156	020	457	5	136/176	40	157	180	458	5	138/176	38	
7	164	850	465	5	145/183	38	149	870	450	5	129/169	40	
8	154	710	455	5	136/172	36	148	550	449	5	130/166	36	
9	161	800	462	5	142/180	38	180	525	481	5	160/200	40	
10	219	820	520	5	203/233	30	7	430	308	5	½ 7/18	22	
11	225	670	526	5	212/235	21	176	020	477	5	161/191	30	
						402						398	
21-33												402	21-33 (USC&GS Z 767)
	1919	335					~~1660~~	~~495~~				800	HERMOSA AVE & 25TH ST.
	1610	495					1610	495					SEE F.B. 1391-35
	~~+ 233~~	~~840~~											
	+ 302	840											

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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 21-33 TO 21-32A
21-33	434			132	34	42		160	21-33
1	142	740	443 5	152 20	171	570	472 5	182 22	
2	11	620	312 5	1/2 11 / 23 24	245	935	546 5	233 / 257 24	
	~~171~~			44				46	
3	171	350	472 5	143 / 199 56	166	360	467 5	139 / 193 54	
				100				100	
4	159	110	460 5	135 / 183 48	165	315	466 5	138 / 192 54	
				148				154	
5	153	780	454 5	127 / 177 50	152	755	453 5	126 / 178 52	
				198				206	
6	155	090	456 5	128 / 182 54	160	120	461 5	135 / 185 50	
				252				256	
7	163	955	464 5	136 / 190 54	165	265	466 5	142 / 188 46	
				306				302	
8	161	420	462 5	135 / 187 52	160	665	461 5	134 / 186 52	
				358				354	
9	162	115	463 5	143 / 181 38	196	150	497 5	176 / 216 40	
				396				394	
21-32A								396	21-32A
	1281	180			1584	135		790	
					1281	180			
					302	955			

64°

WEATHER OVERCAST INST. NO. 96716

TIME 1:05 - 1:45 ROD NO. 9919

NOTES CHKD [signature] DATE JUL 16 '68

F.B. 3779 PG. 132 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES DON 6-17-68

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER 64° OVERCAST INST. NO 96716
NOTES BY SIEMANN DATE 6-17-68 TIME 8:50 TO 9:17 ROD NO. 9447
INDEXED C.J. GALLI DATE NOTES CHKD DATE 8-16-68
F.B. 3779 PG. 133

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 21-33 TO B.M. 21-34
B.M. 21-33													B.M. 21-33 (U.S.C.&G.S. Z-767
1	115	080	416	5	149 81	68	201	270	502	5	235 167	68	HERMOSA AVE. & 25TH ST.
													SEE F.B. 1391-35
2	76	720	377	5	119 33	86	177	410	478	5	221 135	86	
						154						154	
3	133	635	434	5	172 94	78	190	145	491	5	229 151	78	
						232						232	π = WILKS
4	159	220	460	5	189 129	60	196	125	497	5	222 162	60	
						292						292	
5	124	230	423	5	144 100	44	156	250	457	5	176 136	40	
						336 ✓						332 ✓	
												336 ✓	
B.M. 21-34	606	885 ✓					921	200 ✓				668	B.M. 21-34 (TORRANCE D 4
							606	885 ✓					THE STRAND & 19TH ST.
							314	315 ✓					SEE F.B. 1391-36

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3779 PG. 134 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-17-68

INDEXED C. J. GALLI DATE

WEATHER OVERCAST 64° INST. NO. 96716

TIME 11:40 TO 12:00 ROD NO. 9519

NOTES CHKD. DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 21-34 TO B.M. 21-33
B.M. 21-34									B.M. 21-34 (TORRANCE D-4)
1	187970		4885	210 164 46	162330		4635	184 140 44	THE STRAND & 19TH ST.
									SEE F.B. 1391-36
2	160080		4615	185 135 50	163775		4645	188 138 50	
3	151700		4525	178 96 124 54 150	140030		4415	167 94 113 54 148	
4	153000		4545	181 125 56 206	137545		4385	166 108 58 206	π = WILKS
5	286545		5875	298 274 24 230	76895		3775	89 63 26 232	
6	190890		4915	209 171 38 268	135240		4365	153 117 36 268 ✓ 268 ✓	
B.M. 21-33	113018.5 ✓				815815 ✓			536	B.M. 21-33 (U.S.C.&G.S. Z-767)
	815815 ✓								HERMOSA AVE. & 25TH ST.
	315370 ✓								SEE F.B. 1391-35
	4								

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER WEATHER OVERCAST 64° INST. NO. 26716
NOTES BY SIEMANN DATE 6-17-68 TIME 9:20 TO 9:38 ROD NO. 2817
INDEXED C. J. GALLI DATE NOTES CHKD DATE
F.B. 377 Pg. 135

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From B.M. 21-34 To B.M. 21-35
B.M. 21-34													B.M. 21-34 (TORRANCE D-4
1	177	370	478	5	213 141	72	117	300	418	5	154 80	74	THE STRAND & 19TH ST.
													SEE F.B. 1391-36
2	167	180	468	5	210 167	86 158	159	320	460	5	201 117	84 158	
3	143	840	444	5	186 100	86 244	174	030	475	5	217 131	86 244	
4	146	940	447	5	188 104	84 328	168	820	469	5	210 126	84 328	π = WILKS
5	151	425	452	5	152 150	2 330	95	245	396	5	96 94	2 330	
												330	
B.M. 21-35	786	755					714	715				660	B.M. 21-35 (U.S.C.&G.S. T-50
	714	715											HERMOSA AVE. & 13TH ST.
	+ 72	040											SEE F.B. 1391-37

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.

F.B. 3779 PG. 136 JOB NO. 0301.02

SURVEY OF L.A.C.O. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-17-68

INDEXED C. J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 11:02 TO 11:35 ROD NO. 7849

NOTES CHKD. DATE JUL 16 68

64°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 21-35 TO B.M. 21-34
B.M. 21-35									B.M. 21-35 (U.S.C.&G.S. T-50)
1	76 950		3775	78 74 4	143590		4445	145 141 4	HERMOSA AVE. & 13TH ST.
									SEE F.B. 1391-37
2	172170		4735	201 143 58	137065		4385	166 108 58	
				62				62	
3	149680		4505	171 127 44	139435		4405	162 116 46	
				106				108	
4	156920		4575	176 136 40	149060		4505	169 129 40	
				146				148	
5	158450		4595	181 135 46	146000		4475	168 124 44	
				192				192	
6	101120		4025	127 75 52	176405		4775	202 150 52	π = WILES
				244				244	
7	141420		4425	159 123 36	146570		4475	163 129 34	
				280				278	
8	193605		4945	209 177 32	164015		4655	181 147 34	
				312				312	
9	165 470 ~~171~~		466 ~~47~~ 5	175 155 20	188980		4865	195 175 20	
				332				332	
								332	
B.M. 21-34	1315785				1388120			6.64	B.M. 21-34 (TORRANCE D-4)
					1315785				THE STRAND & 19TH ST.
					72335				SEE F.B. 1391-36

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER 64° OVERCAST INST. NO. 96716
NOTES BY SIEMANN DATE 6-18-68 TIME 9:22 TO 9:45 ROD NO. 9819
INDEXED C.J. GALLI DATE NOTES CHKD. DATE
F.B. 3729 PG. 137

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 21-34 TO B.M. 21-35
B.M. 21-34									B.M. 21-34 (TORRANCE D-4)
1	172	350	473 5	211 133 78	156	020	457 5	195 117 78	THE STRAND & 19TH ST.
									SEE F.B. 1391-36
2	154	440	455 5	193 115 78 156	152	999	453 5	190 114 76 154	
3	144	000	445 5	192 96 96 252	164	215	465 5	212 116 96 250	
4	162	335	463 5	200 124 76 328	139	385	440 5	176 102 74 324	π = WILKS
5	132	155	433 5	134 130 4 332	80	565	381 5	82 78 4 328 332	
B.M. 21-35	765280				693184			660	B.M. 21-35 (U.S.C.&G.S. T-50)
	693184								HERMOSA AVE. & 13TH ST.
	+ 72096								SEE F.B. 1391-37

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3779 PG. 138 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-18-68

INDEXED C. J. GALLI DATE

WEATHER OVERCAST 66° INST. NO. 96716

TIME 8:50 TO 9:20 ROD NO. 98 & 19

NOTES CHKD. DATE

RE RUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 21-35 TO B.M. 21-34
B.M. 21-35									B.M. 21-35 (W.S.C.&G.S. T-50)
1	79560		3805	81 / 77 4	131490		4325	133 / 129 4	HERMOSA AVE. & 13TH ST.
									SEE F.B. 1391-37
2	124130		4255	160 / 88 72 / 76	151755		4525	192 / 110 82 / 86	
3	167255		4685	210 / 124 86 / 162	143860		4445	185 / 101 84 / 170	
									T = WILKS
4	156610		4575	197 / 115 82 / 244	153215		4545	193 / 113 80 / 250	
5	152545		4535	193 / 111 82 / 326	172085		4735	210 / 134 76 / 326 / 326	
B.M. 21-34	680100				752405			652	B.M. 21-34 (TORRANCE D-4)
					680100				THE STRAND & 19TH ST.
					72305				SEE F.B. 1391-36

76P526 CE # 308 3-65

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER WEATHER OVERCAST INST. NO. 96746
NOTES BY SIEMANN DATE 6-17-68 TIME 9:50 TO 10:20 ROD NO. 9819
INDEXED C.J. GALLI DATE NOTES CHKD DATE
66°
F.B. 3779 Pg. 139

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From B.M. 21-35 To B.M. 21-37
B.M. 21-35													B.M. 21-35 (U.S.C.&G.S. T-50
1	96	440	397	5	98 94	4	152	400	453	5	154 150	4	HERMOSA AVE. & 13TH ST.
													SEE F.B. 1391-37
2	143	190	444	5	192 94	98 102	111	650	412	5	162 60	102 106	
3	153	375	454	5	200 106	94 196	161	800	462	5	207 115	92 198	
4	132	370	433	5	177 87	90 286	154	050	455	5	200 108	92 290	T = WILKS
5	146	080	447	5	189 103	86 372	152	380	453	5	193 111	82 372	
6	165	445	466	5	169 161	8 380	174	620	475		178 170	8 380	
												380	
												760	
B.M. 21-37	836	900					906	900					B.M. 21-37 (TORRANCE E-6B
							836	900					THE STRAND & 5TH ST.
							70	000					SEE F.B. 1391-39

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3779 PG. 140 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-17-68

INDEXED C.J. GALLI DATE

WEATHER OVERCAST 66° TIME 10:25 TO 11:00 INST. NO. 96716 ROD NO. 7819 DATE JUL 16 68

NOTES CHKD

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 21-37 TO B.M. 21-35
B.M. 21-37									B.M. 21-37 (TORRANCE E-6B)
1	180 050		481 5	215 / 145 70	151 175		452 5	186 / 116 70	THE STRAND & 5TH ST.
									SEE F.B. 1391-39.
2	149 925		450 5	179 / 119 60 / 130	151 590		452 5	180 / 122 58 / 128	
3	141 585		442 5	169 / 113 56 / 186	152 830		453 5	181 / 123 58 / 186	
4	134 340		435 5	163 / 105 58 / 244	166 345		~~467~~ 467 5	196 / 136 60 / 246	
5	156 820		457 5	186 / 126 60 / 304	154 715		455 5	184 / 124 60 / 306	
6	161 525		462 5	190 / 132 58 / 362	150 125		451 5	180 / 120 60 / 366	π = WILKS
7	161 600		462 5	182 / 140 42 / 404	145 205		446 5	168 / 122 46 / 412	
8	132 125		433 5	134 / 130 4 / 408	75 970		376 5	77 / 73 4 / 416	
								408	
B.M. 21-35	1217970				1147955			824	B.M. 21-35 (U.S.C.&G.S. T-50)
	1147955								HERMOSA AVE. & 13TH ST.
	70015								SEE F.B. 1391-37

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 21-37 TO 21-38
21-37									21-37 (TORRANCE E-6B 1939)
1	188	030	489 5	153 / 223 70	149	730	450 5	114 / 184 70	THE STRAND & 5th ST
									SEE F.B. 1391-39
2	149	780	450 5	121 / 177 56	155	510	456 5	128 / 182 54	
				126				124	
3	163	750	464 5	134 / 192 58	151	595	452 5	132 / 180 58	
				184				182	
4	159	750	460 5	133 / 185 52	194	250	495 5	169 / 219 50	
				236				232	
5									
21-38								236	21-38 (TORRANCE E 6A 1939)
	661	310			651	085		465	THE STRAND & LYNDON ST
	651	085							SEE F.B. 1391-40
	+ 10	225							

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

SURVEY BY G. E. DREIER WEATHER HAZY 72° INST. NO. 96716

NOTES BY DON DATE 6-18-68 TIME 10:05 - ROD NO. 9619

INDEXED C. J. GALLI DATE NOTES CHKD [signature] DATE JUL 16 68

F.B. 3779 PG. 141

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3779 PG. 142 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES Don 6-19-68

INDEXED G.J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 2:10 ROD NO. 8119

NOTES CHKD. [illegible] DATE [illegible]

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM 21-38 TO 21-37
21-38									21-38
1	184	570	485 5	158 / 310 52	147	695	448 5	121 / 173 52	
2	150	105	451 5	126 / 174 48 100	153	415	454 5	124 / 178 50	
3	157	170	458 5	132 / 182 52 150	171	955	472 5	147 / 195 48	
4	159	380	460 5	134 / 184 50 200	153	650	454 5	129 / 177 48	
5	153	470	454 5	134 / 172 38 238	188	235	489 5	170 / 206 36	
								234	
21-37								238	21-37
	804	695			814	750		472	
					804	695			
					10	055			

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 21-38 TO 21-39 A
21-38									21-38 (TORRANCE E-6A 1939)
1	184	290	485 5	159/209 50	190	870	491 5	165/215 50	THE STRAND & LYNDON ST.
									SEE F.B. 1391-40
2	119	860	420 5	102/136 34	181	850	482 5	164/198 34	
				84				84	
21-39A								84	21-39A (CITY REDONDO BEACH H-1)
	304	150			372	720		168	HARBOR DR. & YACHT CLUB WAY
					304	150			SEE F.B. 3702-87
					68	570			

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

SURVEY BY G.E. DREIER WEATHER 90° HAZY INST. NO. 96216

NOTES BY DON DATE 6-18-68 TIME 10:35-10:45 ROD NO. 9E19

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

F.B. 3779 PG. 143

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 96716
ROD NO. 9419
DATE JUL 15 68

WEATHER HAZY 68°
TIME 1:55 - 3:05
NOTES CHKD

F.B. 3779 PG. 144
JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY G.E.D. NOTES Don 6-19-68
INDEXED C. J. GALLI DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 21-39A TO 21-38
21-39A	9			195				96	21-39A
1	218	040	5205	243 48	120	730	4215	144 48	
				136				166	
2	153	810	4545	170 34	183	500	4845	200 34	
				82				82	
21-38								82	21-38
	372 850				304 230			164	
	304 230								
	+ 68 620								

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 21-39 A TO 21-39 B
21-39 A									21-39 A (CITY REDONDO BEACH H-1)
1	177	275	478 5	173/181 8	137	970	438 5	133/141 8	HARBOR DR. & YACHT CLUB WAY
	137	970						8	SEE F.B. 3702-87
	+ 39	305						16	
21-39 B									21-39 B (SO. CAL. ED. CO. 1 1956)
									HARBOR DR & YACHT CLUB WAY.
									SEE F.B. 3702-87

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

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

NOTES BY DON DATE 6-18-68 TIME 10:45-10:50 ROD NO. 9619

INDEXED C.J. GALLY DATE NOTES CHKD [illegible] DATE JUL 16 '68

F.B. 3779 PG. 145

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 21-39B TO 21-39A
21-39B									21-39B
1	135	935	436 5	130 / 140 10	175	230	476 5	171 / 179 8	
					135	935		10	
					39	295		18	
21-39A									21-39A

WEATHER HAZY 68° INST. NO. 96716

TIME 1:50-1:55 ROD NO. 9519

NOTES CHKD [illegible] DATE

F.B. 3779 PG. 146 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES DON 6-19-68

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 21-39B TO 21-40
21-39B									21-39B
1	113	270	414 5	90 / 136 46	160	220	461 5	137 / 183 46	
2	146	570	447 5	118 / 174 56	169	920	470 5	142 / 196 54	
3	156	770	457 5	125 / 187 62	175	590	476 5	140 / 210 70	
4	154	055	455 5	137 / 171 34	189	090	490 5	176 / 202 26	
				198				196	
21-40								198	21-40
	570	665			694	820		394	
					570	665			
					124	155			

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

SURVEY BY G. E. DREIER

NOTES BY Dan DATE 6-18-68

INDEXED C. J. GALLI DATE

WEATHER 68° HAZY

TIME 10:55 - 11:15

NOTES CHKD [illegible] DATE [illegible]

INST. NO. 9676

ROD NO. 9819

F.B. 3779 PG. 147

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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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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 21-40 TO 21-39B
21-40					~~155~~	~~480~~	~~456.5~~		21-40
1	213	140	514 5	178 / 248 70	155	480	456 5	120 / 190 70	
2	167	180	468 5	131 / 203 72	148	880	449 5	110 / 186 76	
3	163	400	464 5	136 / 190 142 / 34	115	165	416 5	93 / 137 146 / 44	
				196				190	
21-39B								196	21-39B
	543.720				419525			386	
	419 525								
	124.195								

68°

WEATHER HAZY INST. NO. 96711

TIME 1:30 - 1:50 ROD NO. 9819

NOTES CHKD [signature] DATE JUL 16 68

F.B. 3779 PG. 148 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES DON 6-19-68

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 G. E. Decker WEATHER 78° HAZY INST. NO. 9414

NOTES BY Don DATE 8-18-68 TIME 11:15-11:35 ROD NO. 9414

INDEXED C. J. GALLI DATE NOTES CHKD DATE 8/16/68

F.B. 3779 PG. 149

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM 21-40 TO 21-40A
21-40				196					97		21-40
1	226	900	527 5	356	60	127	675	428 5	157	60	
2	196	045	497 5	162 / 230	68	123	625	424 5	89 / 157	68	
3	187	060	488 5	160 / 214	128 / 54 / 182	139	580	440 5	111 / 167	128 / 56 / 184	
21-40A										182 / 366	21-40A
	610	005				390	880				
	390	880									
	+ 219	125									

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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 21-40A TO 21-40
21-40A									21-40A
1	138	720	439 5	110/166 56	184	575	485 5	156/212 56	
2	125	190	426 5	92/158 66	189	885	490 5	157/221 64	
3	127	325	428 5	96/158 122 62	235	910	536 5	205/265 120 60	
				184 ✓				180 ✓	
20-40								184 ✓	20-40
	391	235 ✓			610	370 ✓		364 ✓	
					391	235 ✓			
					219	135 ✓			

F.B. 3779 PG. 150

JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES DON 6-19-68

INDEXED C. J. GALLI DATE

WEATHER HAZY 68°

TIME 1:15 - 1:30

NOTES CHKD [signature]

INST. NO. 96716

ROD NO. 9819

DATE JUN 16 68

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY Don DATE 6-18-68 WEATHER Hazy 78° INST. NO. 8716
TIME 11:35 - 11:45 ROD NO. 9619
INDEXED C.J. GALLI DATE NOTES CHKD. DATE
F.B. 3779 PG. 151

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											From 21-40A To 21-42
21-40A											21-40A
1	187	250	488 5	155 / 219	64	138	165	439 5	105 / 171	66	
2	180	790	481 5	150 / 210	60	135	570	436 5	105 / 163	58	
					124					124	
3	157	185	458 5	139 / 175	36	195	450	496 5	177 / 213	36	
					160					160	
21-42										160	21-42
										320	
	525	225				469	185				
	469	185									
	+ 56	040									
				RERUN 6-20-68 T: 68° OVERCAST							
B.M. 21-40A											
1	187	544	488 5	214 / 159	55	139	502	440 5	167 / 111	56	
2	162	185	463 5	187 / 137	50	149	632	450 5	174 / 123	51	
					105					107	
3	188	438	489 5	214 / 162	52	192	739	493 5	217 / 166	51	
					157					158	
										157	
B.M. 21-42	538	167	5			481	873			315	B.M. 21-42
	481	873									
	+ 56	294									

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F.B. 3779 PG. 152 JOB NO. 030102

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES Jun 6-19-68

INDEXED C.J. GALLI DATE

WEATHER 68° OVERCAST INST. NO. 96216

TIME 11:50-13:05 ROD NO. 9079

NOTES CHKD. [illegible] DATE JUL 16 '68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 21-42 TO 21-40A
21-42									21-42
1	205	270	506 5	174 / 236 62	186	145	467 5	154 / 216 60	
2	146	825	447 5	119 / 173 54	180	440	481 5	154 / 206 52	
				116				112	
3	143	970	444 5	122 / 164 42	185	700	486 5	162 / 208 46	
				158 ✓				158 ✓	
21-40A			✓					158 ✓	21-42A
	496	065			552	285 ✓		316 ✓	
					496	065 ✓			
					- 56	220 ✓			
			RERUN		6-20-68			T= 68° OVERCAST	
B.M. 21-42									
1	202	400	503 5	226 / 178 48	170	266	471 5	194 / 146 48	
2	137	687	438 5	165 / 109 56	181	876	482 5	209 / 153 56	
				104				104	
3	144	141	445 5	170 / 118 52	188	312	489 5	213 / 162 51	
				156 ✓				155 ✓	
								156 ✓	
B.M. 21-40A	484	228	✓		540	454 ✓		311 ✓	B.M. 21-40A
					484	228 ✓			
					- 56	226 ✓			

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

F.B. 3779 PG. 153

SURVEY BY G.E. Dreier WEATHER 78° HAZY INST. NO. 96716

NOTES BY Don DATE 6-18-68 TIME 11:50 - 11:55 ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE JUL 16 '68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 21-42 TO 21-42A
21-42									21-42
1	165	390	466 5	142 / 188 46	95	840	396 5	73 / 117 44	
	95	840						46 / 90	
	+ 69	550							
21-42A									21-42A

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 21-42A TO 21-42
21-42A									21-42A
1	149	760	450 5	129/169 40	219	275	520 5	195/541 46	
					149	760		40	
21-42					69	515		86	21-42

F.B. 3779 Pg. 154

JOB NO. 0301.02

SURVEY OF L. A. Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES DON 6-19-68

INDEXED C. J. GALLI DATE

WEATHER HAZY 68° INST. NO. 96716

TIME 11:45-11:50 ROD NO. 9819

NOTES CHKD [signature] DATE 11-16-68

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 21-42A TO B.M. 21-43A
B.M. 21-42A									B.M. 21-42A (REDONDO BEACH H-6)
1	144	260	445 5	166 / 122 44	138	925	439 5	161 / 115 46	PACIFIC AVE. & DIAMOND ST.
									SEE F.B. 3702-97
2	188	931	489 5	207 / 169 38 / 82	146	591	447 5	165 / 127 38 / 84	
3	175	631	476 5	184 / 166 18 / 100	103	386	404 5	110 / 95 5 / 89	⊼ = DREIER
								100	
B.M. 21-43A	508	822			388	902		189	B.M. 21-43A (REDONDO BEACH H-7)
	388	902							PACIFIC AVE. & EMERALD ST.
	119	920							SEE F.B.

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 6-18-68

INDEXED C.J. GALLI DATE

WEATHER 66° OVERCAST INST. NO. 96716

TIME 1:15 TO 1:25 ROD NO. 9619

NOTES CHKD. [illegible] DATE JUL 16 68

F.B. 3779 PG. 155

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3779 Pg. 156 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES EIEMANN 6-19-68

INDEXED C. J. GALLI DATE

WEATHER OVERCAST 66° INST. NO. 96716

TIME 11:40 TO ROD NO. 9619

NOTES CHKD. DATE JUL 16 68

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 21-43A TO B.M. 21-42A
B.M. 21-43A									B.M. 21-43A (REDONDO BEACH H-7)
1	70	495	371	5	168	910	469	5	PACIFIC AVE. & EMERALD ST.
				93 / 47 / 46				193 / 143 / 50	SEE F.B.
2	153	860	454	5	175	345	476	5	
				178 / 128 / 50 / 96				199 / 151 / 48 / 98 / 96 / 194	π = WILKS
B.M. 21-42A	224	355			344	255			B.M. 21-42A
					224	355			PACIFIC AVE. & DIAMOND ST.
					119	900			SEE F.B.

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 21-43A TO B.M. 21-45
B.M. 21-43A									B.M. 21-43A (REDONDO BEACH H-7)
1	225	266	526 5	231 / 219 12	4	745	305 5	10 / -2 12	PACIFIC AVE. & EMERALD ST. SEE F.B.
2	301	090	602 5	307 / 295 12 / 24	3	857	304 5	9 / 3 12 / 24	
3	216	989	517 5	219 / 214 5 / 29	112	405	413 5	115 / 110 5 / 29 / 29 / 58	T = DREIER
B.M. 21-45	743	345			121	007			B.M. 21-45 EMERALD ST. & COMMERCIAL ST. SEE F.B.
	121	007							
+	622	338							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER WEATHER OVERCAST 66° INST. NO. 8714
NOTES BY SIEMANN DATE 6-18-68 TIME 1:30 TO 1:40 ROD NO. 9814
INDEXED C.J. GALLI DATE NOTES CHKD. DATE JUL 16 68
F.B. 3779 Pg. 157

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 B.M. 21-45 TO B.M. 21-43A
B.M. 21-45									B.M. 21-45 (U.S.C. & G.S. R.S. 28A)
1	5	810	306 5	1/2 11 5 12	293	410	594 5	299 287 12	EMERALD ST. & COMMERCIAL ST. SEE F.B.
2	17	870	318 5	23 11 12	278	480	579 5	284 272 12	
				24				24	
3	109	920	410 5	113 105 8	184	060	485 5	187 181 6	⊼ = WILKS
				32 ✓				30 ✓	
								32 ✓	
B.M. 21-43A	133	600 ✓			755	950 ✓		62	B.M. 21-43A (REDONDO BEACH H-7)
					133	600 ✓			PACIFIC AVE. & EMERALD ST.
					−622	350 ✓			SEE F.B.

F.B. 3779 PG. 158

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-19-68

INDEXED C.J. GALLI DATE

WEATHER OVERCAST 64° INST. NO. 96716

TIME 11:30 TO 11:40 ROD NO. 9809

NOTES CHKD [signature] DATE 11-16-68

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER WEATHER OVERCAST 66° INST. NO. 96716

NOTES BY SIEMANN DATE 6-18-68 TIME 1:45 TO 2:10 ROD NO. 9619

INDEXED C.J. GALLI DATE NOTES CHKD DATE 11 16 68

F.B. 3779 Pg. 159

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From B.M. 21-45 To B.M. 21-47
B.M. 21-45									B.M. 21-45 (U.S.C.&G.S. R.S. 28A)
1	9	407	310	5 / 16 / 3 / 13	290	892	591	5 / 296 / 284 / 12	EMERALD ST. & COMMERCIAL ST. SEE F.B.
2	4	915	305	5 / 10 / -2 / 12 / 25	288	354	589	5 / 294 / 282 / 12	
3	65	634	366	5 / 77 / 53 / 24 / 49	283	652	584	5 / 295 / 270 / 24 / 25	
4.	86	345	387	5 / 116 / 56 / 60 / 109	124	280	425	5 / 154 / 94 / 60 / 109	T = DREIER
5	179	638	480	5 / 202 / 156 / 46 / 155	199	610	500	5 / 222 / 176 / 46 / 155 ✓ / 155 ✓	
B.M. 21-47	345	939 ✓			1186	788 ✓		310	B.M. 21-47
					345	939 ✓			
					840	849 ✓			

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3779 PG. 160 JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-19-68

INDEXED C. J. GALLI DATE

WEATHER 64° OVERCAST INST. NO 96716

TIME 11:00 TO 11:30 ROD NO 9619

NOTES CHKD DATE JUL 16 '68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 21-47 TO B.M. 21-45
B.M. 21-47									B.M. 21-47
1	143	240	444.5	175 111 64	103	130	404.5	135 71 64	
2	259	780	560.5	283 235 48 112	92	560	393.5	119 65 54 118	
3	175	230	476.5	185 165 20 132	15	910	316.5	25 5 20 138	
4	298	520	599.5	304 292 12 144	17	015	318.5	22 12 10 148	
5	264	930	565.5	267 259 8 152	72	275	373.5	75 69 6 154 152 306	
B.M. 21-45	141	700			300	890			B.M. 21-45 (EMERALD ST. & COMMERCIAL ST. SEE F.B.
	300	890							
	+840	810							

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. PREIER WEATHER OVERCAST 64° INST. NO. 20716
NOTES BY SIEMANN DATE 6-18-68 TIME 2:20 TO 2:45 ROD NO. 9812
INDEXED C.J. GALLI DATE NOTES CHKD. DATE JUL 15 '68
F.B. 3779 PG. 161

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 21-47 TO B.M. 21-49
B.M. 21-47							B.M. 21-47
1	249 009	550 5	278 228 50	161 550	462 5	185 137 48	
2	114 470	415 5	137 91 46 96	202 753	503 5	223 181 42 90	
3	137 168	438 5	161 113 48 144	183 441	484 5	210 156 54 144	
4	146 200	447 5	170 122 48 192	149 360	450 5	173 125 48 192	
5	181 992	482 5	206 156 50 242	140 045	441 5	165 116 49 241	
6	176 743	477 5	199 153 46 288	143 530	444 5	166 120 46 287	
7	170 164	471 5	190 149 41 329	175 201	476 5	196 154 42 329	130 560
						329	
						658	
B.M. 21-49	1175746			1155880			B.M. 21-49 (TORRANCE F-9A)
	1155880						ESPLANADE & SAPPHIRE ST.
	+ 19866						SEE F.B. 1391-49

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3779 PG. 162 JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DEEIE NOTES Dod 6-19-68

INDEXED C.J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 10:15 11:02 ROD NO. 9619

NOTES CHKD. DATE

64°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 21-49 TO 21-47
21-49	2			138				142	21-49
1	166	720	467 5	194 56	169	445	470 5	196 54	
2	130	150	431 5	93 / 167 74	189	410	490 5	153 / 225 72	
3	142	720	443 5	111 / 173 62	144	155	445 5	114 / 174 60	
4	183	540	484 5	130 / 151 / 215 64	103	060	404 5	192 / 69 / 137 68	
5	221	810	522 5	256 / 191 / 151 60	196	190	497 5	186 / 164 / 228 64	
6	140	940	441 5	316 / 135 / 145 10	202	980	503 5	254 / 198 / 206 8	
				326				318	
								326	
21-47								326	21-47
	985	680			1005	240		652	
					985	680			
					19	560			

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
								RERUN	FROM B.M. 21-49 TO B.M. 21-47
B.M. 21-49									B.M. 21-49 (TORRANCE F-9A)
1	176	721	477 5	206 / 146 60	193	425	494 5	223 / 163 60	ESPLANADE & SAPPHIRE ST
									SEE F.B. 1391-49
2	134	778	435 5	178 / 98 80 / 140	191	679	492 5	227 / 155 72 / 132	
3	150	075	451 5	196 / 104 92 / 232	112	664	413 5	156 / 68 88 / 220	
4	206	492	507 5	241 / 171 70 / 302	96	679	397 5	136 / 56 80 / 300	
5	142	879	443 5	156 / 128 28 / 330	236	400	537	251 / 222 29 / 329 / 330	
B.M. 21-47	81	0945			830	847		659	B.M. 21-47
					810	945			
					19	902			

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

SURVEY BY G.E. DREIER WEATHER OVERCAST 62° INST. NO. 96716

NOTES BY SIEMANN DATE 6-20-68 TIME 9:05 TO ROD NO. 9 & 19

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

F.B. 3779 PG. 163

F.B. 3779 Pg. 164 JOB NO. 0301.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY C. J. GALLI NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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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.

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 6-19-68

INDEXED C.J. GALL DATE

NOTES CHKD DATE JUL 16 68

WEATHER OVERCAST 64° INST. NO. 96716

TIME 8:40 TO 9:28 ROD NO. 9619

F.B. 3779 PG. 165

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 21-49 TO B.M. 21-50
B.M. 21-49	45	52			56				B.M. 21-49 (TORRANCE F-9A)
1	293	465	5945	295 / 291 4	32	935	3335	34 / 30 4	ESPLANADE & SAPPHIRE ST. SEE F.B.
2	288	670	5895	293 / 283 10	116	490	4175	122 / 110 12	
3	202	350	5035	216 / 188 28 (14)	112	660	4135	126 / 98 28 (16)	
4	293	660	5945	299 / 287 12 (42)	17	105	3185	23 / 11 12 (44)	
5	292	215	5935	298 / 286 12 (54)	15	485	3165	22 / 8 14 (56)	
6	158	400	4595	163 / 153 10 (66)	174	180	4755	180 / 168 12 (70)	
7	192	470	4935	221 / 163 58 (76)	32	490	3335	61 / 3 58 (82)	π = WILKS
8	272	840	5735	293 / 251 42 (134)	8	360	3095	127 / 2 8 38 (140)	
9	218	~~196~~ 195	5195	227 / 209 18 (176)	134	365	4355	142 / 126 16 (178)	
10	237	520	5385	277 / 197 80 (194)	70	600	3715	109 / 31 78 (194)	
11	108	710	4095	143 / 69 78 (274)	180	730	4815	219 / 141 78 (272)	
12	112	015	4135	140 / 84 56 (352)	178	850	4795	206 / 150 56 (350)	
				408				406	
B.M. 21-50								408	B.M. 21-50
	2670510				1074250			814	ESPLANADE & AVE. A
	1074250								SEE F.B.
	+1596260								

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3779 Pg. 166 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTER SIENIANA 8-19-68

INDEXED C. J. GALLI DATE

WEATHER OVERCAST 64° INST. NO. 96716

TIME 9:30 TO ROD NO. 9619

NOTES CHKD. DATE JUL 16 '68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 21-50 TO B.M. 21-49
B.M. 21-50					666 92				B.M. 21-50
1	202 665	503 5		239 165 74	123 370	424 5		160 86 74	ESPLANADE & AVE. A. SEE F.B.
2	196 940	497 5		240 152 88	197 999	498 5		243 151 92	
3	82 035	383 5		162 114 50 64	235 075	536 5		166 265 205 60	
4	9 430	310 5		226 426 9 34	258 980	559 5		226 270 240 36	
5	11 635	312 5		268 435 211 48	209 865	510 5		262 234 184 50	
6	135 340	436 5		308 149 121 28	107 895	408 5		312 121 93 28	
7	15 080	316 5		336 23 7 16	293 110	594 5		340 299 287 12	
8	11 830	312 5		352 17 5 12	295 095	596 5		352 301 289 12	π = WILKS
9	110 790	411 5		364 120 100 20	194 370	495 5		364 204 184 20	
10	89 425	390 5		384 100 78 22	287 550	588 5		384 296 278 18	
11	37 625	388 5		402 39 35 4	295 830	596 5		402 297 293 4	
				406				406	
				410 ✓				410 ✓	
B.M. 21-49	902 795 ✓				9.1	✓		816	B.M. 21-49 (TORRANCE F. 9A)
					2498739				ESPLANADE & SAPPHIRE ST.
					902795 ✓				SEE F.B.
					1595944				
					1596.344 ✓				

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 B.M. 21-50 TO B.M. 21-50A
B.M. 21-50													B.M. 21-50 (U.S.C. & G.S. REDONDO 1927)
1	143	090	444	5	156 130	26	164	770	465	5	176 152	24	ESPLANADE & AVE. A W. SIDE SEE F.B. 1391-50
												26	
	~~16~~						143	090				50	
B.M. 21-50A							-21	680					B.M. 21-50A (U.S.C. & G.S. R.M. REDONDO 1927) ESPLANADE & AVE. A. S.E. COR SEE F.B. 1391-50

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 6-20-68

INDEXED C.J. GALLI DATE

WEATHER 68 OVERCAST

TIME 10:25 TO 10:30

NOTES CHKD [illegible] DATE JUL 16 68

INST. NO. 96716

ROD NO. 9 & 19

F.B. 3779 PG. 167

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3279 PG. 168 JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES S.E. DREIER 6-21-68

INDEXED C. J. GALLI DATE

WEATHER 62° FOGGY INST. NO. 96716

TIME 11:04 TO 11:07 ROD NO. 9817

NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 21-50A TO B.M. 21-50
B.M. 21-50A									B.M. 21-50A (U.S.C. & G.S. R.M. REDONDO 1927)
				172				150	ESPLANADE & AVE. A, S.E. COR.
1	162	085	463 5	152 20	140	355	441 5	130 20	SEE F.B. 1391-50
	140	355						20	
	+ 21	730						40	
B.M. 21-50									B.M. 21-50 (U.S.C. & G.S. REDONDO 1927)
									ESPLANADE & AVE. A, W. SIDE
									SEE F.B. 1391-50

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 G.E. DREIER WEATHER 68° INST. NO. 96716
NOTES BY G.E. DREIER DATE 6-20-68 TIME 10:30 TO 11:05 ROD NO. 8819
INDEXED C.J. GALLI DATE NOTES CHKD. DATE
F.B. 3779 PG. 169

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 21-50A TO 21-51B
B.M. 21-50A									B.M. 21-50A (U.S.C.&G.S. R.M. REDONDO 1927)
1	113	210	414 5	143 / 83 60	239	390	540 5	270 / 208 62	ESPLANADE & AVE. A
									SEE F.B. 1391-50
2	99	965	400 5	124 / 74 50 / 110	208	999	509 5	232 / 184 48 / 110	
3	98	615	399 5	123 / 73 50 / 160	219	750	520 5	244 / 194 50 / 160	T R. SIEMANN
4	103	630	404 5	128 / 78 50 / 210	217	700	518 5	242 / 192 50 / 210	
5	92	460	393 5	120 / 64 56 / 266	197	030	498 5	224 / 170 54 / 264	
6	136	330	437 5	160 / 112 48 / 314	164	335	465 5	189 / 139 50 / 314	
7	144	780	444 5	168 / 118 50 / 364	170	116	471 5	195 / 145 50 / 364	
8	145	760	446 5	172 / 118 54 / 418	131	660	432 5	160 / 102 58 / 422	
9	184	455	485 5	202 / 166 36 / 454	160	650	461	176 / 144 32 / 454	
B.M. 21-51B								454 / 908	B.M. 21-51B (U.S.C.&G.S. D 768 1945)
	1118205				1709630				ESPLANADE & AVE. I, N.E. COR.
					1118205				SEE F.B. 1391-51 & 3702-113,114
					591425				

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 21-51 B TO B.M. 21-50 A
B.M. 21-51B									B.M. 21-51B (U.S.C.&G.S. D 768 1945)
1	120	760	421 5	151 89 62	181	720	482 5	214 148 66	ESPLANADE & AVE. I, N.E. COR.
									SEE F.B. 1391-51 & 3702-113, 114.
2	171	340	472 5	204 138 66 128	143	645	444 5	176 110 66 132	
3	164	150	465 5	198 130 68 196	119	180	420 5	152 86 66 198	
4	215	285	516 5	242 188 54 250	101	240	402 5	127 75 52 250	π R. SIEMANN
5	239	260	540 5	272 206 66 316	82	360	383 5	117 47 70 320	
6	251	190	552 5	287 215 72 388	90	525	391 5	125 55 70 390	
7	248	530	549 5	276 220 56 444 ✓	100	445	401 5	129 71 58 448 ✓	
B.M. 21-50 A								444	B.M. 21-50 A (U.S.C.&G.S. R.M. REDONDO 1927)
	1410	515 ✓			819	105 ✓		892	ESPLANADE & AVE A. S.E. COR.
	819	105 ✓							SEE F.B. 1391-50
	+ 591	400 ✓							

F.B. 3779 PG. 170 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 6-21-68

INDEXED C. J. GALLI DATE

WEATHER FOGGY 62° INST. NO. 96716

TIME 10:30 TO 11:00 ROD NO. 9819

NOTES CHKD [signature] DATE JUL 16 68

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 6-20-68 WEATHER 68° THIN OVERCAST INST. NO 26716

INDEXED C.J. GALLI DATE TIME 11:05 TO 11:10 ROD NO 5818

NOTES CHKD DATE JUL 16 68

F.B. 3779 PG. 171

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 21-51B TO 21-51A
B.M. 21-51B									B.M. 21-51B (U.S.C.&G.S. D 768 1945)
1	168	400	469	5	202	205	503.5	214	ESPLANADE & AVE I, N.E. COR
				180 156 24				190 24	SEE F.B. 1391-51 & 3702-113,114
					168	400		24 48	
B.M. 21-51A					- 33	805			B.M. 21-51A
									ESPLANADE & AVE. I. E. INTER.
									SEE F.B. 1391-51 & 3702-113,114

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 21-51A TO 21-51B
B.M. 21-51A									B.M. 21-51A
									ESPLANADE & AVE. I, ℄ INT.
1	186	390	487 5	199 ✓	152	530	453 5	165 ✓	SEE F.B. 1391-51 & 3702-113,114
	152	530 ✓		173 26				139 26	
	+33	860 ✓						26 ✓	
								52	
B.M. 21-51B									B.M. 21-51 B (U.S.C&GS D768 1945)
									ESPLANADE & AVE I - N.E. COR
									SEE F.B. 1391-51 & 3702-113,114

F.B. 3779 PG. 172 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES 6-21-68

INDEXED C. J. GALLI DATE

WEATHER FOGGY 62 INST. NO. 96716

TIME 10:17 TO ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

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. 21-51A TO B.M. 21-51
B.M. 21-51A									B.M. 21-51 A
1	181	005 ~~050~~	482 5	193 169 24	211 480		512 5	223 199 24	ESPLANADE & AVE I, & INT, SEE F.B. 1391-51 & 3702-113,114
					181 005			24	
					30475			48	
B.M. 21-51									B.M. 21-51 ESPLANADE S. OF AVE. I SEE F.B. 1391-51 & 3702-113,114

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER

INDEXED C.J. GALLI

DATE 6-20-68

DATE

WEATHER 68° HAZY SUN

TIME 11:20 TO 11:25

NOTES CHKD

INST. NO. 96716

ROD NO. 7819

DATE JUL 16 68

F.B. 3779 PG. 173

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 21-51 TO B.M. 21-51A
B.M. 21-51									B.M. 21-51 (TORRANCE F-10 1939 ESPLANADE & AVE I.
1	214	740	515 5	224 204 20	184	280	485 5	195 173 22	SEE F.B. 1391-51 & F.B. 3702-113, 114
	184	280						20	
	+30	460						42	
B.M. 21-51A									B.M. 21-51A ESPLANADE & AVE I, ℄ SEE F.B. 1391-51 & 3702-113, 114

F.B. 3779 PG. 174 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 6-21-68

INDEXED C. J. GALLI DATE

WEATHER FOGGY 62° INST. NO. 96716

TIME 10:12 TO 10:15 ROD NO. 9819

NOTES CHKD [illegible] DATE JUL 16 68

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 6-20-68 WEATHER 70° THIN OVERCAST INST. NO. 26716

TIME 11:30 TO 12:10 ROD NO. 9819

INDEXED C.J. GALLI DATE NOTES CHKD DATE JUL 15 68

F.B. 3779 PG. 175

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											From B.M. 21-51 To B.M. 21-52 C
B.M. 21-51											B.M. 21-51 (TORRANCE F-10 1939)
1	236	070	537 5	250 222	28	62	565	363 5	76 48	28	ESPLANADE & AVE. I
											SEE F.B. 1391-51 & 3702-113, 114
2	294	175	595 5	1/2 294 2276	36 64	48	250	349 5	66 30	36 64	
3	224	495	525 5	252 196	56 120	108	070	409 5	138 78	60 124	
4	171	740	472 5	196 146	50 170	127	350	428 5	152 102	50 174	R. SIEMANN
5	137	460	438 5	166 108	58 228	91	820	392 5	1/2 120 91	58 232	
6	295	999	596 5	1/2 295 268	54 282	12	795	313 5	1/2 40 12	56 288	
7	296	590	597 5	296 279	34 316 ✓	48	660	349 5	61 35	26 314 ✓	
B.M. 21-52C										316 630	B.M. 21-52 C (U.S.C.&G.S. E768 RESET 1962)
	1656	529 ✓				499	510 ✓				PAC. COAST HWY & PALOS VERDES BLVD. S.E. Cor.
	499	510 ✓									SEE F.B. 3702-115
	+1157	019 ✓									

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 21-52C TO B.M. 21-51
B.M. 21-52C									B.M. 21-52C (U.S.C.&G.S. E 768 RESET 1962
1	85	030	386 5	102 68 34	286	660	587 5	306 266 40	PAC. COAST HWY. & PALOS VERDES BLVD.
									SEE F.B. 3702-115
2	13	285	314 5	31 ½ 13 36 70	258	620	559 5	276 240 36 76	
3	36	860	337 5	68 4 64 134	161	740	462 5	192 130 62 138	R. SIEMANN
4	151	165	452 5	186 116 70 204	197	930	498 5	232 162 70 208	
5	73	490	374 5	106 40 66 270	217	450	518 5	248 186 62 270	
6	11	935	312 5	31 ½ 11 40 310	301	350	602 5	301 ½ 281 40 310	
7	109	330	410 5	120 98 22 332	214	550	515 5	228 200 28 338	
B.M. 21-51								332	B.M. 21-51 (TORRANCE F-10 1939)
	481	095			1638	300		670	ESPLANADE & AVE I
					481	095			SEE F.B. 1391-51 & 3702-113, 114
					1157	205			

F.B. 3779 Pg. 176 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G. E. DREIER 6-21-68

INDEXED C. J. GALLI DATE

WEATHER FOGGY INST. NO. 96716

TIME 9:20 10:10 ROD NO. 9819

NOTES CHKD. [illegible] DATE JUL 16 68

68°

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY P.E. DREIER WEATHER OVERCAST 68°
NOTES BY SIEMANN DATE 6-20-68 TIME 1:50 TO 2:40 INST. NO. 26716
INDEXED C.J. GALLI DATE NOTES CHKD DATE ROD NO. 919
F.B. 3779 PG. 177

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 21-52C TO B.M. 21-54
B.M. 21-52C									B.M. 21-52C (U.S.C.&G.S. E-768 RESET 1962)
1	298 758	599 5	278 / 282 32		39 398	340 5	55 / 23 32		PAC. COAST HWY. & PALOS VERDES BLVD.
									SEE F.B. 3702-115
2	292 277	593 5	292 / 270 44	76	87 288	388 5	111 / 64 47	79	
3	205 590	506 5	234 / 176 58	134	64 780	365 5	94 / 34 60	139	
4	257 850	558 5	289 / 225 64	198	117 742	418 5	147 / 88 59	198	π = DREIER
5	200 222	501 5	227 / 173 54	252	138 000	439 5	168 / 108 60	258	
6	184 028	485 5	213 / 155 58	310	108 522	409 5	132 / 80 57	315	
7	199 422	500 5	217 / 181 36	346 ✓	107 632	408 5	126 / 88 34	349 ✓	
								346 ✓	
B.M. 21-54	1638147 ✓				663362 ✓			695	B.M. 21-54 (CITY OF TORRANCE 8-8)
	663362 ✓								PACIFIC COAST Hwy & VISTA DEL PARQUE
	974785 ✓								SEE F.B.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.21-54 TO B.M.21-52C
B.M.21-54									B.M.21-54 (CITY OF TORRANCE 8-8)
1	99	935	400 5	129 69 60	227	248	528 5	257 196 61	PAC COAST HWY. & VISTA DEL PARQUE.
									SEE F.B 1391-53
2	124	327	425 5	154 94 60	200	341	501 5	229 171 58	
				120				119	
3	109	531	410 5	134 84 50	210	800	511 5	234 186 48	
				170				167	π = DREIER
4	102	780	403 5	130 74 56	220	322	521 5	249 191 58	
				226				225	
5	100	145	401 5	129 72 57	241	291	542 5	269 213 56	
				283				281	
6	77	691	378 5	101 53 48	299	936	600 5	299 2276 46	
				331				327	
7	63	906	364 5	75 50 25	253	118	554 5	268 238 30	
				356 ✓				357 ✓	
								356 ✓	
B.M.21-52C	678	315 ✓			1653	056 ✓		713	B.M.21-52C (U.S.C.&G.S. E-768)
					678	315 ✓			PAC. COAST HWY. & PALOS VERDES
					974	741 ✓			SEE F.B

F.B. 3779 PG. 178 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-21-68

INDEXED C.J. GALLI DATE

WEATHER FOGGY 62° INST. NO. 96716

TIME 9:15 TO 9:45 ROD NO. 9&19

NOTES CHKD [illegible] DATE JUL 16 68

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY SIEMANN C.J. GALLI DATE 6-20-68
INDEXED DATE
WEATHER CLOUDY 70°
TIME 2:45 TO 3:20
NOTES CHKD DATE JUL 16 68
INST. NO. 96716
ROD NO. 9612
F.B. 3779 PG. 79

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 21-54 TO B.M. 21-55A
B.M. 21-54									B.M. 21-54
1	272 517		573 5	296 249 47	36 217		337 5	58 14 44	PA. COAST HWY. & ~~PAL~~ VISTA DEL PARQUE.
									SEE F.B. 1391-53
2	270 575		571 5	301 239 62	102 040		403 5	133 70 63	
				109				107	
3	196 000		497 5	225 167 58	92 804		393 5	121 63 58	
				167				165	
4	185 792		486 5	218 152 66	208 475		509 5	241 175 66	
				233				231	
5	68 705		369 5	95 42 53	291 860		592 5	½ 291 263 56	
				286				287	
6	10 580		311 5	½ 28 10 36	286 596		587 5	304 269 35	π = DREIER
				322				322	
7	7 767		308 5	½ 24 7 34	301 539		602 5	½ 301 288 26	
				356				348	
8	34 460		335 5	48 20 28	299 623		600 5	½ 299 282 34	
				384				382	
9	123 722		424 5	26 20 6	178 800		479 5	182 174 8	
				390				390	
								390	
B.M. 21-55A	1170118				1797954			780	B.M. 21-55A (CITY OF TORRANCE 8-7)
					1170118				PACIFIC COAST HWY. & CALLE MAYOR.
					627836				SEE F.B. 1391-53B

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 3729 PG. 180 JOB NO 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-21-68

INDEXED C.J. GALLI DATE

WEATHER HAZY SUN 66° INST. NO. 96716

TIME 8:30 TO 7:14 ROD NO. 7669

NOTES CHKD. [illegible] DATE JUL 16 68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.21-55A TO B.M.21-54
B.M.21-55A									B.M.21-55 (~~CLSC 5-68~~ ACCT OF DIFFERENCE 8-7)
1	272	690	573 5	285 269 26	11	296	312 5	25 11 28	P.C. HWY. & CALLE MAYOR
									SEE F.B. 1391-53B
2	236	463	537 5	252 220 32	9	533	310 5	26 9 34	
				58				62	
3	298	360	599 5	298 283 30	46	442	347 5	60 32 28	
				88				90	
4	277	142	578 5	295 259 36	36	690	337 5	53 19 34	
				124				124	
5	243	743	544 5	269 218 51	94	810	395 5	119 69 50	
				175				174	T=DREIER
6	203	450	504 5	236 170 66	229	371	530 5	262 195 67	
				241				241	
7	128	002	429 5	156 99 57	226	149	527 5	254 197 57	
				298				298	
8	121	672	422 5	151 91 60	300	161	601 5	300 271 58	
				358				356	
9	102	583	403 5	123 80 43	301	554	602 5	301 278 48	
				401 ✓				402 ✓	
								401 ✓	
B.M.21-54	1884	105 ✓			1256	006 ✓		803 ✓	B.M.21-54
	256	006 ✓							PAC. COAST HWY. & VISTA DEL PARQUE
	+628	099 ✓							SEE F.B.

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER HAZY SUN INST. NO 96716
NOTES BY SIEMINN DATE 6-21-68 TIME 1:30 PM ROD NO 2819
INDEXED C.J. GALL DATE NOTES CHKD DATE
F.B. 3779 Pg. 181

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 21-55A TO B.M. 21-56A
B.M. 21-55A									B.M. 21-55A
1	31	568	332.5	49 13 36	298	791	599.5	298 280 36	PAC. COAST HWY & CALLE MAYOR
									SEE F.B. 1391-53B
2	6	235	307.5	24 6 36	235	011	536.5	254 216 38	
3	153	902	454.5	179 126 53 72	58	223	359.5	84 32 52 74	
4	240	425	541.5	262 218 44 125	64	126	365.5	86 42 44 126	
5	239	735	540.5	258 220 38 169	113	520	414.5	132 93 39 170	T = DREIER
6	164	310	465.5	192 136 56 207	239	483	540.5	265 212 53 209	
7	5	2520	353.5	27 27 50 263	279	572	580.5	304 254 50 262	
8	36	110	337.5	55 18 37 313	200	877	501.5	219 181 38 312	
				350				350	
								350	
B.M. 21-56A	924	805			489	603		700	B.M. 21-56A
					924	805			PAC. COAST HWY. & ENTRANCE TO
					564	798			SOUTH HIGH SCHOOL
									SEE F.B. 3702-3702-122

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 3779 Pg. 182 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVELNET

SURVEY BY DREIES NOTES SIEMANN 6-27-68

INDEXED C. J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 2:10 TO ROD NO. 9819

NOTES CHKD DATE 11-6-68

66°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 21-56A TO B.M. 21-55A
B.M. 21-56A									B.M. 56A
1	284	260	585 5	284 / 240 88	203	165	504 5	247 / 159 88	PAC. CO. HWY. & ENTRANCE TO SOUTH HIGH SCHOOL.
2	180	840	481 5	180 / 131 98 / 186	104	295	405 5	150 / 58 92 / 180	SEE F.B. 3702-122
3	86	070	387 5	121 / 51 70 / 256	240	080	5 / 41 5	274 / 206 68 / 248	
4	236	335	537 5	261 / 211 50 / 306	11	810	312 5	137 / 211 52 / 300	
5	292	999	593 5	272 / 276 32 / 308	24	120	325 5	44 / 4 40 / 340	T = WILKS
6	199	570	500 5	202 / 196 6 / 344	131	650	432 5	134 / 128 6 / 346 / 344	
B.M. 21-55A	280	074			715	120		690	B.M. 21-55A
	715	120							PAC. CO. HWY. & CALLE MAYOR
	+564	954							SEE F.B. 1391-53B

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 6-21-68

INDEXED C.J. GALLI DATE

WEATHER WINDY

TIME 1:30 TO 1:45

NOTES CHKD [illegible] DATE [illegible]

INST. NO. 96716

ROD NO. 2 & 19

F.B. 3779 PG. 183

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 21-56A TO 21-56B
B.M. 21-56A									B.M. 21-56A
1	187	730	488 5	205 / 169 36	16	025	317 5	36 / ½ 16 40	PACIFIC COAST HWY & S. TORRANCE HI.
									SEE F.B. 3702-122
2	147	110	448 5	148 / 146 2	26	870	327 5	27 / 25 2	
				38				42	
B.M. 21-56B								38	B.M. 21-56B (U.S.C.&G.S. W1053 1960)
	334	840			42	895		80	PAC. COAST HWY & PED. OVERPASS
	42	895							SEE F.B. 3702-121
	291	945							
				RERUN	6-27-68			T= 68	
21-56A									21-56A
1	202	755	503 5	183 / 221 38	31	185	332 5	12 / 50 38	
2	148	505	449 5	146 / 150 4	27	985	328 5	25 / 29 4	
				42				42	
21-56B								42	21-56B
	351	260			59	170		84	
	59	170							
	292	090							

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 3729 PG. 184 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Dox 6-27-68

INDEXED C.J. GALLI DATE

WEATHER OVERCAST 66° INST. NO. 96716

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

NOTES CHKD. DATE JUL 16 68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 21-56B TO 21-56A
21-56B				12 / 26 4				154 / 158 4	21-56B
1	24	055	325 5		156	605	457 5		
				19 / 55 36 / 40				178 / 214 36 / 40	
2	37	175	338 5		196	720	497 5		
								40	
21-56A								40	21-56A
	61	230			353	325		80	
					61	230			
					292	095			

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 B.M. 21-56B TO B.M. 21-57
B.M. 21-56B									B.M. 21-56B (U.S.C.&G.S W 1053 1960)
1	40	600	341 5	56 24 32	246	120	547 5	263 229 34	PAC. COAST HWY. & PED OVERPASS
									SEE F.B. 3702-121
2	81	445	382 5	109 53 56 88	208	815	509 5	236 180 56 90	
3	146	685	447 5	179 113 66 154	198	000	499 5	230 166 64 154	R. SIEMANN
4	145	420	446 5	169 121 48 202	184	680	485 5	208 160 48 202	
5	164	915	465 5	198 130 68 270	132	520	433 5	165 99 66 268	
6	179	430	480 5	205 153 52 322	149	345	450 5	175 123 52 320	
B.M. 21-57								322	B.M. 21-57 (TORRANCE J-12 1942)
	758	495			1119	480		642	PAC. COAST HWY., W. OF LADEENE AVE
					758	495			SEE F.B. ~~13~~ 3702-123
					360	985			

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

SURVEY BY G.E. DREIER WEATHER 72° CLEAR WINDY INST. NO 96716

NOTES BY G.E. DREIER DATE 6-21-68 TIME 1:45 TO ROD NO 9819

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

F.B. 3779 PG. 185

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 21-57 TO 21-56B
21-57									21-57
1	148	780	449 5	112/184 72	163	400	464 5	127/199 72	
2	132	460	433 5	86/178 92	131	690	432 5	84/178 94	
				164				166	
3	181	010	482 5	137/225 88	120	660	421 5	76/164 88	
				252				254	
4	234	870	535 5	206/262 56	33	660	334 5	6/60 54	
				308				308	
5	147	035	448 5	146/148 2	33	545	334 5	32/34 2	
				310				310	
21-56B								310	21-56 B
	844	155			482	955		620	
	482	955							
	+361	200							

68°

WEATHER OVERCAST INST. NO. 96716

TIME 1:30 - 1:50 ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

F.B. 3779 PG. 186 JOB NO. 0301.02

SURVEY OF L.A.C.O. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Doc 6-27-68

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 21-57 TO B.M. 21-58A
B.M. 21-57									B.M. 21-~~58A~~ 57
1	219	885	520 5	247 189 58	174	000	475 5	203 145 58	PAC. COAST HWY. W. OF LADEENE AVE
	174	000						58	SEE F.B. 3702-123
	+ 45	885						116	
B.M. 21-58A									B.M. 21-58A (U.S.C.&G.S. K615 RESET 1962
									PAC. COAST HWY & LADEENE AVE. N.E. COR.
									SEE F.B. 3702-125

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

SURVEY BY G.E. DREIER WEATHER 78° WINDY INST. NO. 96716

NOTES BY G.E. DREIER DATE 6-21-68 TIME 2:20 ROD NO. 7819

INDEXED C.J. GALL DATE NOTES CHKD. DATE JUL 16 68

F.B. 3779 PG. 187

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3779 Pg. 188 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY PREIER NOTES Don 6-26-68

INDEXED C.J. GALLI DATE

WEATHER OVERCAST 68° INST. NO. 96716

TIME 11:50-11:55 ROD NO. 9819

NOTES CHKD. DATE JUL 16 68

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 21-58A TO 21-57
21-58A									21-58A
1	156	370	457	128 184 .56	202 156	210 370	503 5	175 229 54 54 180	
21-57					45	840			21-57

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 21-58A TO B.M. 21-59
B.M. 21-58A									B.M. 21-58A (U.S.C.&G.S K 615 RESET 1962)
1	204	190	505 5	237 171 66	136	860	437 5	166 105 61	PAC. COAST Hwy & LADEENE AVE
									SEE F.B. 3702-125
2	190	455	491 5	220 160 60 126	79	455	380 5	110 48 62 123	
3	245	090	546 5	275 215 60 186	81	660	382 5	112 50 62 185	
4	286	180	587 5	1/2 286 252 68 254	72	475	373 5	107 37 70 255	
5	185	370	486 5	202 168 34 288	205	080	506 5	222 188 34 289	
B.M. 21-59								288	B.M. 21-59 (TORRANCE K-12 1942
	1111	285			575	530		577	PAC. COAST Hwy & HAWTHORNE BLVD.
	575	530							SEE F.B. 1391-58
	+ 535	755							

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

SURVEY BY G. E. DREIER

NOTES BY G. E. DREIER DATE 6-21-68

INDEXED C. J. GALLI DATE

WEATHER 80° CLEAR WINDY

TIME 2:25 TO 3:55

NOTES CHKD [illegible] DATE JUL 16 68

INST. NO 96716

ROD NO. 9 & 19

F.B. 3779 PG. 189

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3779 PG. 190 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DON 6-27-68

INDEXED C. J. GALLI DATE

WEATHER OVERCAST 70° INST. NO. 96716

TIME 11:30-11:50 ROD NO. 3819

NOTES CHKD. DATE JUL 16 '68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 21-59 TO 21-58A
21-59				1/2 79				1/2 231	21-59
1	79	300	380 5	130 102	283	050	584 5	283 104	
				1/2 11				1/2 212	
2	11	270	312 5	62 102	262	030	563 5	262 100	
				78 204				160 204	
3	120	310	421 5	162 84	201	725	502 5	242 82	
				286				286 ✓	
21-58A								288 ✓	21-58A
	210	880 ✓			746	805 ✓		574 ✓	
					210	880 ✓			
					535	925 ✓			

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 21-59 TO 21-60B
21-59	5 4 4					5					21-59 (TORRANCE K-12)
1	288	590	589 5	1/2 247 / 288	82	95	995	396 5	54 / 136	82	P.C. Hwy. & HAWTHORNE BLVD.
											SEE F.B. 3702-127
2	233 / 9	755	534 5	198 / 268	70	61	155	362 5	26 / 96	70	
					152					152	
3	230	210	531 5	200 / 260	60	87	730	388 5	56 / 118	62	
					212					214	
4	228	240	529 5	202 / 254	52	94	400	395 5	69 / 119	50	
					264					264	
5	232	050	533 5	205 / 259	54	82	900	383 5	52 / 112	60	
					318					324	
6	246	520	547 5	213 / 279	66	89	240	390 5	59 / 119	60	
					384					384	
7	220	705	521 5	187 / 253	66	138	215	439 5	105 / 171	66	
					450					450	
8	136	100	437 5	106 / 166	60	204	185	505 5	174 / 234	60	
					510					510	
9	92	880	393 5	62 / 132	60	211	960	512 5	186 / 236	50	
					570					560	
10	92	650	393 5	54 / 130	76	206	360	507 5	162 / 250	88	
					646					648	
21-60B										646	21-60 B (USC&GS X-767 RESET 1961)
	2001	700				1272	140			1294	P.C. Hwy. 300'± E. ENTRANCE TO AIRPORT
	1272	140									SEE F.B. 1392-208
+	729	560									

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

SURVEY BY G.E. DREIER

NOTES BY DON DATE 6-24-68

INDEXED C.J. GALLI DATE

WEATHER 76° OVERCAST INST. NO. 96716

TIME 1:50-2:45 ROD NO. 9819

NOTES CHKD. [illegible] DATE [illegible]

F.B. 3779 Pg. 191

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 21-60 B TO 21-59
21-60 B	34				4				21-60 B
1	169	900	470 5	129/209 80	55	140	356 5	14/96 82	
2	227	570	528 5	192/262 70	80	600	381 5	45/115 70	
3	177	225	478 5	131/223 92 150	179	740	480 5	131/225 94 152	
4	31	550	332 5	1/2 31/79 96 242	285	495	586 5	1/2 236/285 98 246	
5	59	810	360 5	15/103 88 338	268	375	569 5	1/2 226/268 84 344	
6	33	750	334 5	1/2 33/76 86 426	245	~~54~~ 625	546 5	203/287 84 428	
7	34	730	335 5	1/2 34/74 80 512	229	360	530 5	191/267 76 512	
8	112	820	413 5	84/140 56 592	232	540	533 5	202/262 60 588	
				648 ✓				648 ✓	
21-59								648 ✓	21-59
	847	355 ✓			1576	875 ✓		1296 ✓	
					847	355 ✓			
					729	520 ✓			

A.B. 3779 Pg. 192 JOB NO. 0301.02

SURVEY OF G.E. DREIER L.A.Co. PRECISE LEVEL NET WEATHER CLOUDY INST. NO. 96716

SURVEY BY G.E.D. NOTES DAN 6-27-68 TIME 10:50 - 11:30 ROD NO. 9819

INDEXED C. J. GALLI DATE NOTES CHKD [signature] DATE JUL 16 68

68° 76

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 G.E. DREIER
NOTES BY G.E. DREIER DATE 6-24-68 TIME 2:45 WEATHER CLOUDY 76° INST. NO. 26716
INDEXED C.J. GALL DATE NOTES CHKD DATE ROD NO. 9819
F.B. 3779 Pg. 193

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 21-60B TO B.M. 21-62A
BM 21-60B									B.M. 21-60B (U.S.C.&G.S. X-767)
1	225190	5265		252 198 54	89615	3905		117 61 56	P.C. HWY. 300± E. ENTRANCE TO TORRANCE AIRPORT.
2	219730	5205		245 193 52 106	66610	367.5		92 40 52	SEE F.B. 1392-208
3	255070	556 5		281 229 52 158	56815	357.5		81 31 50 108	
4	205630	5065		230 180 50 208	119650	4205		143 95 48 158	
5	237300	5385		263 211 52 260	108780	409.5		134 82 52 206	
6	223950	5245		249 197 52 312	112150	413.5		138 86 52 258	π = WILKS
7	170995	471.5		196 144 52 364	162255	463 5		188 136 52 310	
8	140530	441 5		166 114 52 416	185440	486 5		212 158 54 362	
9	118680	4195		143 93 50 466	258000	559.5		283 233 50 416 466 466	
B.M. 21-62A	1797095				1259315			932	B.M. 21-62A (CLA 21-00410) PAC. CO. HWY. & CRENSHAW BLVD SEE F.B. 3702-135
	1259315								
	+637760								

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 21-62A TO B.M. 21-60B
B.M. 21-62A									B.M. 21-62A (C.L.A. 21-00410)
1	256	190	557 5	1/2 256 208 96	153	325	454 5	201 105 96	PAC. CO. HWY. & CRENSHAW BLVD
									SEE F.B. 3702-135
2	205	740	506 5	251 159 92	221	660	522 5	267 175 92	
				188				188	
3	23	620	324 5	1/2 72 23 98	257	760	558 5	1/2 257 209 96	
				286				284	
4	5	160	306 5	1/2 57 5 104	295	660	596 5	1/2 295 244 102	⊼ = WILKS
				390				386	
5	30	675	331 5	1/2 68 30 76	230	575	531 5	269 191 78	
				466 ✓				464 ✓	
								466 ✓	
B.M. 21-60B	521	385 ✓			158	980 ✓		930 ✓	B.M. 21-60B (USC&GS X-767 RESET)
					521	385 ✓			PAC. CO. HWY. 300 ± E. ENTRANCE
					637	595 ✓			TO TORRANCE AIRPORT.
									SEE F.B. 1392-208

F.B. 3779 PG. 194 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-27-68

INDEXED C. J. GALLI DATE

WEATHER OVERCAST 66° INST. NO. 96716

TIME 9:50 TO 10:30 ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

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 G.E. DREIER
NOTES BY SIENNANI
INDEXED C.J. GALL
DATE 6-25-68
DATE
WEATHER 68° OVERCAST
TIME 8:50 TO 9:20
INST. NO. 26716
ROD NO. 9819
NOTES CHKD. [illegible]
DATE JUL 16 68
F.B. 3779 Pg. 95

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 21-62A TO B.M. 21-63A
B.M. 21-62A									B.M. 21-62A (C.L.4-21-00410)
1	150	100	451 5	189 111 78	125	260	426 5	164 86 78	P.C. HWY. & CRENSHAW BLVD.
									SEE F.B. 3702-135
2	144	220	445 5	184 104 80	269	370	570 5	269 230 78	
				158				156	
3	93	175	394 5	132 54 78	286	910	587 5	286 247 78	
				236				234	
4	82	450	383 5	122 42 80	83	040	384 5	124 42 82	T: WILKS
				316				316	
5	228	720	529 5	269 187 82	78	035	379 5	177 37 82	
				398				378	
6	194	790	495 5	232 156 76	104	360	405 5	143 65 78	
				474				476	
								474	
B.M 21-	893	455			946	975		950	B.M. 21-63A (U.S.C.&G.S. E-767 RESET)
					893	455			P.C. HWY. & VIANA AVE.
					53	520			SEE F.B. 3702-137

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 B.M. 21-63A TO B.M. 21-62A
B.M. 21-63A									B.M. 21-63A (U.S.C. & G.S. E-767 RESET)
1	85	095	386 5	127 43 84	207	035	508 5	248 166 82	PAC. CO. HWY. & VIANA AVE.
									SEE F.B. 3702-138
2	82	160	383 5	124 40 84	210	955	511 5	252 168 84	
				168				166	
3	67	715	368 5	106 28 78	83	750	384 5	123 43 80	
				246				246	
4	219	540	520 5	219 ½ 179 80	34	580	335 5	174 ½ 34 80	π = WILKS
				326				326	
5	281	830	582 5	281 ½ 240 82	193	725	494 5	234 152 82	
				408				408	
6	192	795	493 5	222 162 60	145	565	446 5	176 114 62	
				468 ✓				470 ✓	
								468 ✓	
B.M. 21-62A	929	135 ✓			875	610 ✓		938	B.M. 21-62A (CLA 21-00410)
	875	610 ✓							PAC. CO. HWY. & CRENSHAW BLVD.
	+ 53	525 ✓							SEE F.B. 3702-135

F.B. 3779 PG. 196 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVELNET

SURVEY BY DREIER NOTES SIEMANN 6-27-68

INDEXED C. J. GALLI DATE

64° WEATHER OVERCAST INST. NO. 96716

TIME 9:11 TO 9:45 ROD NO. 9819

NOTES CHKD [illegible] DATE JUL 16 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 B.M. 21-634 TO B.M. 21-634
B.M. 21-634									B.M. 21-63A (U.S.C.&G.S. E-767 RESET)
1	64 970		365 5	77 31 66	291	135	592 5	291 259 64	P.C. HWY. & VIANA AVE.
									SEE F.B. 3702-137
									π = WILCS
					64 970			66	
B.M. 21-63 B					226 165			130	B.M. 21-63B
									PACIFIC COAST HWY. & CYPRESS AVE.
									SEE F.B. 3702-138

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY SIEMANN
INDEXED C.J. GALLI
DATE 6-25-68
DATE
WEATHER OVERCAST 70°
TIME 9:20 TO 9:35
NOTES CHKD
INST. NO. 96716
ROD NO. 9818
DATE
F.B. 3779 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.21-63B TO B.M.21-63A
B.M.21-63B									B.M.21-63 B
1	275	710	576 5	1/2 275 / 241 68	49	580	350 5	82 / 16 66	PAC. CO. HWY. & CYPRESS AVE.
									SEE F.B. ~~[illegible]~~ 3702-138
	49	580							π = WILKS
								68	
B.M.21-63A	226	130						134	B.M.21-63A (U.S.C. & G.S. E-767 RESET)
									PAC. CO. HWY. & VIANA AVE.
									SEE F.B.

F.B. 3779 Pg. 198 JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-27-68

INDEXED C. J. GALLI DATE

66° WEATHER OVERCAST INST. NO. 96716

TIME 9:07 TO 9:10 ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible] 1 6 68

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.21-63B TO B.M.21-64
B.M.21-63B									B.M.21-63B
1	75	740	376 5	123 ½ 75 96	264	835	565 5	264 ½ 216 96	P.C. HWY. & CYPRESS AVE.
									SEE F.B. 3702-138
2	62	480	363 5	106 18 88	213	650	514 5	257 169 88	
				184				184	
3	101	290	402 5	146 56 90	173	295	474 5	218 128 90	
				274				274	π = WILKS
4	124	430	425 5	165 83 82	240	540	541 5	280 200 80	
				356				354	
5	134	230	435 5	138 130 8	35	550	336 5	39 31 8	
				364				362	
								364	
B.M.21-64	498	170			927	870		726	B.M.21-64 (U.S.C&G.S. S-99
					498	170			PAC. CO. HWY. & ESHELMAN AVE.
					429	700			SEE F.B. 1391-61

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 6-25-68

INDEXED C.J. GALLI DATE

WEATHER OVERCAST 70°

TIME 9:25 TO 10:05

NOTES CHKD [illegible] DATE JUL 16 '68

INST. NO. 96716

ROD NO. 9819

F.B. 3779 PG. 199

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3779 PG. 200 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DEELIE NOTES SIEMANN 6-27-68

INDEXED C. J. GALLI DATE

64°

WEATHER OVERCAST INST. NO. 96716

TIME 8:30 TO 9:05 ROD NO. 9019

NOTES CHKD. DATE 11-6-68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 21-64 TO B.M. 21-63B
B.M. 21-64									B.M. 21-64 (U.S.C.&G.S. 5-99)
1	62	635	363 5	64 60 4	142	720	443 5	144 140 4	PAC. COAST HWY. & ESHELMAN AVE.
									SEE F.B. 1391-61
2	194	975	495 5	243 145 98	117	995	418 5	167 67 100	
				102					
3	185	195	486 5	230 140 90	86	880	387 5	130 42 88	
				192				104	
4	237	155	438 5	288 186 102	37	935	338 5	187 237 100	π = WILKS
				294				192	
5	215	635	516 5	244 186 58	80	025	381 5	111 49 62	
				352 ✓				292	
								354 ✓	
								352 ✓	
B.M. 21-63B	895	595 ✓			465	555 ✓		706	B.M. 21-63B (
	465	555 ✓							PAC. CO. HWY. & CYPRESS AVE.
	+ 430	040 ✓							SEE F.B. 3702-138

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 RERUN RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 21-63B TO B.M. 21-64
B.M. 21-63B									B.M. 21-63B
1	74	230	375 5	123 ½ 74 98	269	235	570 5	269 ½ 220 98	PAC. COAST Hwy & CYPRESS ST., ℄
									SEE F.B. 3702-138
2	69	680	370 5	112 26 86 184	213	015	514 5	256 170 86 184	
3	98	345	399 5	149 47 102 286	183	085	484 5	235 131 104 288	
4	120	780	421 5	153 87 66 352	211	615	512 5	243 179 64 352	
5	142	030	443 5	144 140 4 356	58	050	TAPE	60 56 4 356	
B.M. 21-64								356	B.M. 21-64 (U.S.C.&G.S. S 99 1932)
	505	065			935	000		712	PAC. COAST Hwy & ESCHELMAN
					505	065			SEE F.B. 1391-61
					429	935			

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 6-28-68

INDEXED C.J. GALLI DATE

WEATHER OVERCAST 68° INST. NO. 96716

TIME 8:25 TO 8:50 ROD NO. 9 & 19

NOTES CHKD [signature] DATE JUL 16 68

F.B. 3779 PG. 201

F.B. 3779 Pg. 202 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED C. J. GALLI DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

76P526 CE # 308 3-65

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 21-64 TO 21-66
21-64	?										21-64 (USC&GS 5-99 1932)
1	36	930	TAPE ~~337 5~~	32 / 40	8	138	490	439 5	134 / 142	8	P.C. Hwy. W. of ESHELMAN
											SEE F.B. 1391-61
2	89	340	390 5	1/2 89 / 114	50	232	640	533 5	207 / 257	50	
					58					58	
3	3~~2~~3	110	334 5	1/2 33 / 68	70	263	320	564 5	229 / 297	68	
					128					126	
4	93	620	394 5	56 / 130	74	256	240	557 5	217 / 295	78	
					202					204	
5	28	925	329 5	1/2 28 / 72	88	298	265	599 5	1/2 256 / 298	84	
					290					288	
6	31	760	332 5	1/2 31 / 66	70	260	435	561 5	1/2 260 / 300	80	
					360					368	
21-66										360	21-66 (S.P.H. P-2)
	313	685				1449	390			728	P.C. Hwy. & Western Ave.
						313	685				SEE F.B. 1391-62
					-	1135	705				

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

SURVEY BY G.E. DEFIER

NOTES BY DON DATE 6-25-68

INDEXED C.J. GALLI DATE

WEATHER 70° OVERCAST INST. NO. 96716

TIME 10:15 - 10:50 ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

F.B. 3779 PG. 203

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 21-66 TO 21-64
21-66									21-66
1	254	670	555 5	221 / 287 66	62	810	363 5	29 / 95 66	
2	295	790	596 5	1/2 368 / 295 74 / 140	53	975	354 5	16 / 90 74 / 140	
3	274	840	575 5	1/2 231 / 274 86 / 226	71	710	372 5	28 / 114 86 / 226	
4	294	910	595 5	1/2 249 / 294 90 / 316	24	750	325 5	1/2 24 / 66 84 / 310	
5	227	390	528 5	204 / 250 46 / 362	70	000	371 5	44 / 96 52 / 362	
6	150	800	451 5	147 / 153 6 / 368	79	420	TAPE	76 / 82 6 / 368	
21-64								368 / 736	21-64
	1498	400			362	665			
	362	665							
	1135	735							

F.B. 3779 PG. 204 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES Don 6-26-68

INDEXED C.J. GALLI DATE

WEATHER OVERCAST 74° INST. NO. 96716

TIME 2:45 - 3:15 ROD NO. 9819

NOTES CHKD [signature] DATE JUL 16 '68

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA		DESCRIPTION AND REMARKS
											FROM 21-66 TO 21-66A
21-66											21-66 (SAN PEDRO HILLS P-2)
1	140	810	441.5	109/171	62	207	330	508.5	177/237	60	P.C. Hwy. & Western Ave.
											SEE. F.B. 1391-62
2	92	810	393.5	53/131	78	225	230	526.5	186/264	78	
					140					138	
3	93	830	394.5	60/126	66	229	660	530.5	197/261	64	
					206					202	
4	20	735	321.5	2/38	36	299	150	600.5	1/2 283/299	32	
					242					234	
5	21	550	322 ~~550~~ 5	12/30	18	292	700	593.5	1/2 279/292	26	
					260					260	
6	44	745	345.5	34/54	20	261	190	562.5	251/271	20	
					280					280	
7	73	970	374.5	62/84	22	213	760	514.5	202/224	22	
					302					302	
21-66A										302	21-66A
	488	450				1729	020			604	P.C. Hwy. & Belle Porte Ave.
						488	450				SEE. F.B. 3702-143
						1240	570				

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

SURVEY BY G.E. DERIER

NOTES BY DON DATE 6-25-68

INDEXED J. GALLI DATE

WEATHER OVERCAST 70° INST. NO. 96711

TIME 10:50 - 11:25 ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible] 1968

F.B. 3779 PG. 205

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3779 PG. 206 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES DON 6-26-68

INDEXED C. J. GALLI DATE

WEATHER OVERCAST 70° INST. NO. 96715

TIME 8:00 - 2:30 ROD NO. 989

NOTES CHKD DATE JUL 16 68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 21-66A TO 21-66
21-66A				232 / 262 30				11 / 43 32	21-66A
1	247	100	548 5	367 / 289 22	17	240	328 5	30 / 52 22	
2	278	765	579 5	1/2 283 / 301 38 52	41	810	342 5	1/2 11 / 34 54 / 26	
3	301	730	602 5	1/2 275 / 300 80 / 50	11	440	312 5	37 / 87 80 / 50	
4	300	070	601 5	194 / 276 130 / 82	62	995 / ~~450~~	363 5	58 / 132 130 / 82	
5	235	605	536 5	187 / 277 212 / 90	91 / ~~83~~	020	392 / ~~394~~ 5	76 / 164 212 / 88	
6	232	875	533 5	302	120	970	421 5	300 / 302 / 602	21-66
21-66									
	1596	145 ✓			355	475 ✓			
	355	475 ✓							
	+1240	670 ✓							

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 21-66A TO 21-67
21-66A									21-66A
1	171	310	472 5	142 / 200 58	122	710	423 5	93 / 151 58	P.C. Hwy. & BELLE PORTE AVE
									SEE F.B. 3702-143
2	261	350	562 5	246 / 276 30 / 88	114	650	415 5	99 / 129 30 / 88	
3	218	380	519 5	½ 176 / 218 84 / 172	122	600	423 5	79 / 165 86 / 174	
4	145	005	446 5	137 / 153 16 / 188	174	250	475 5	166 / 182 16 / 190 / 188	
21-67									21-67
	796	045			534	210		378	P.C. Hwy. & NORMANDIE AVE
	534	210							SEE F.B. 3702-145
	261	835							

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

SURVEY BY G.E. DREIER

NOTES BY DON DATE 6-25-68

INDEXED C.J. GALLI DATE

WEATHER 72° OVERCAST

TIME 11:29 - 11:45

NOTES CHKD [signature] DATE 6-68

INST. NO. 9K716

ROD NO. 9819

F.B. 3779 PG 207

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3779 PG. 208 JOB NO. 030142

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E.P. NOTES D.N. 6-26-68

INDEXED C. J. GALLI DATE

WEATHER OVERCAST 70° INST. NO. 96716

TIME 1:40 - 2:00 ROD NO. 9414

NOTES CHKD DATE JUL 16 68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 21-67 TO 21-66A
21-67				115				164	21-67
1	152	980	453 5	189 74	202	040	503 5	240 76	
				89				201	
2	105	630	406 5	121 32	217	570	518 5	233 32	
				41 106				143 108	
3	76	100	377 5	111 70	176	845	477 5	209 66	
				176				174	
21-66A								176	21-66A
	334	710						350	
					596	455			
					334	710			
				-	261	745			

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 21-67 TO 21-68
21-67									21-67 (WILMINGTON A-2 1950) &
				184				158	PAC. COAST HWY & NORMANDIE AVE.
	190	490	491 5	196 12	164	490	465 5	170 12	SEE F.B. 3702-145
	164	490						12	
	+ 26	000						24	
21-68									21-68 (U.S.C.&G.S. Y 780 1946)
									PAC. COAST HWY & NORMANDIE AVE S.E. COR
									SEE F.B. 3702-146

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

SURVEY BY G.E. DREIER

NOTES BY DON DATE 6-25-68

INDEXED C.J. GALLI DATE

WEATHER 72° OVERCAST

TIME 11:45 - 11:50

NOTES CHKD [illegible] DATE [illegible]

INST. NO. 96711

ROD NO. 9819

DATE [illegible]

F.B. 3779 PG. 209

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 21-68 TO 21-67
21-68									21-68
1	154	250	455 5	147 / 161 14	180	215	481 5	171 / 189 18	
					154	250		14	
					25	965		32	
21-67									21-67

WEATHER OVERCAST 70° INST. NO. 96716

TIME 1:35 1140 ROD NO. 9419

NOTES CHKD [signature] DATE JUL 16 '68

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES DAN 6-26-68

INDEXED C.J. GALLI DATE

F.B. 3779 PG. 210

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 21-68 TO B.M. 5-49A
B.M. 21-68									B.M. 21-68 (U.S.C.&G.S. Y-780)
1	146	310	447.5	172 / 120 52	238	160	539.5	264 / 212 52	PAC. CO. HWY. & NORMANDIE AVE.
									SEE F.B. 3702-146
2	11	815	312.5	½ 34 / 11 46 / 98	286	310	587.5	½ 286 / 265 42 / 74	
3	24	905	325.5	46 / 2 44 / 142	285	195	586.5	½ 285 / 262 46 / 140	
4	13	300	314.5	½ 37 / 13 48 / 190	203	700	504.5	227 / 179 48 / 188	π = WILKS
5	145	230	446.5	168 / 122 46 / 236	160	430	461.5	183 / 137 44 / 232	
6	114	615	415.5	135 / 93 42 / 278	165	970	466.5	185 / 145 40 / 272 / 278	
B.M. 5-49A	456	175			1339	765		550	B.M. 5-49A
					456	175			PAC. COAST HWY. & VERMONT AVE.
					-883	590			SEE F.B. 3701-121

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 6-25-68

INDEXED C.J. GALLI DATE

WEATHER 74° OVERCAST INST. NO. 96716

TIME 1:10 TO 1:30 ROD NO. 9819

NOTES CHKD [illegible] DATE 11-16-68

F.B. 3779 PG. 211

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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. 3779 PG. 212 JOB NO 0301.02

SURVEY OF L.A.C.O. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-26-68

INDEXED C.J. GALLI DATE

WEATHER OVERCAST 66° INST. NO 96716

TIME 11:26 TO 11:50 ROD NO 9619

NOTES CHKD. DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M.5-49A TO B.M.21-68
B.M.5-49A											B.M.5-49A
1	192	870	493	5	237 147 90	126	955	427	5	171 81 90	PAC. COAST HWY. & VERMONT AVE.
											SEE F.B. 3701-121
2	256	560	557	5	286 226 60	5	880	306	5	134 75 58	
					150					148	
3	300	460	601	5	300 225 50	10	290	311	5	136 210 52	
					200					200	
4	297	910	598	5	297 267 60	21	640	322	5	152 221 62	π = WILKS
					260					262	
5	167	580	468	5	180 154 26	167	045	468	5	178 156 22	
					286					284	
										286	
B.M.21-68	215	380				331	810			570	B.M.21-68 (U.S.C.&G.S. Y-780)
	331	810									PAC. COAST HWY. & NORMANDIE AVE.
	+883	570									SEE F.B. 3702-146

F.B. 3779 Pg. 213

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

SURVEY BY DREIER WEATHER INST. NO. 96716

NOTES BY DREIER DATE 6-27-68 TIME ROD NO. 8819

INDEXED C. J. GALL DATE NOTES CHKD. DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	RIGHT	MIC.	LEFT.	STADIA	FROM TO
								1968 RELEVELING CONTINUED ON LINE No. 5 IN F.B. 3780-5

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

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

Do not extend notes this side of this line.

76P526 CE # 308 3-65

F.B. 3779 Pg. 214 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY C. J. GALLI NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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

F.B. Pg.

SURVEY BY _____ WEATHER _____ INST. NO. _____

NOTES BY _____ DATE _____ TIME _____ ROD NO. _____

INDEXED _____ DATE _____ NOTES CHKD _____ DATE _____

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

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 Los Angeles County Engineering Bldg.

76P526 CE # 306 3-65

F.B. Pg.

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD