Notes Ck'd by

F. B. 2826 Pg. 5

JN 0301.02 Tape Std °F

Surveyed by A.C. Guizado

Notes ACG Date Aug '60

Indexed

LINE 28

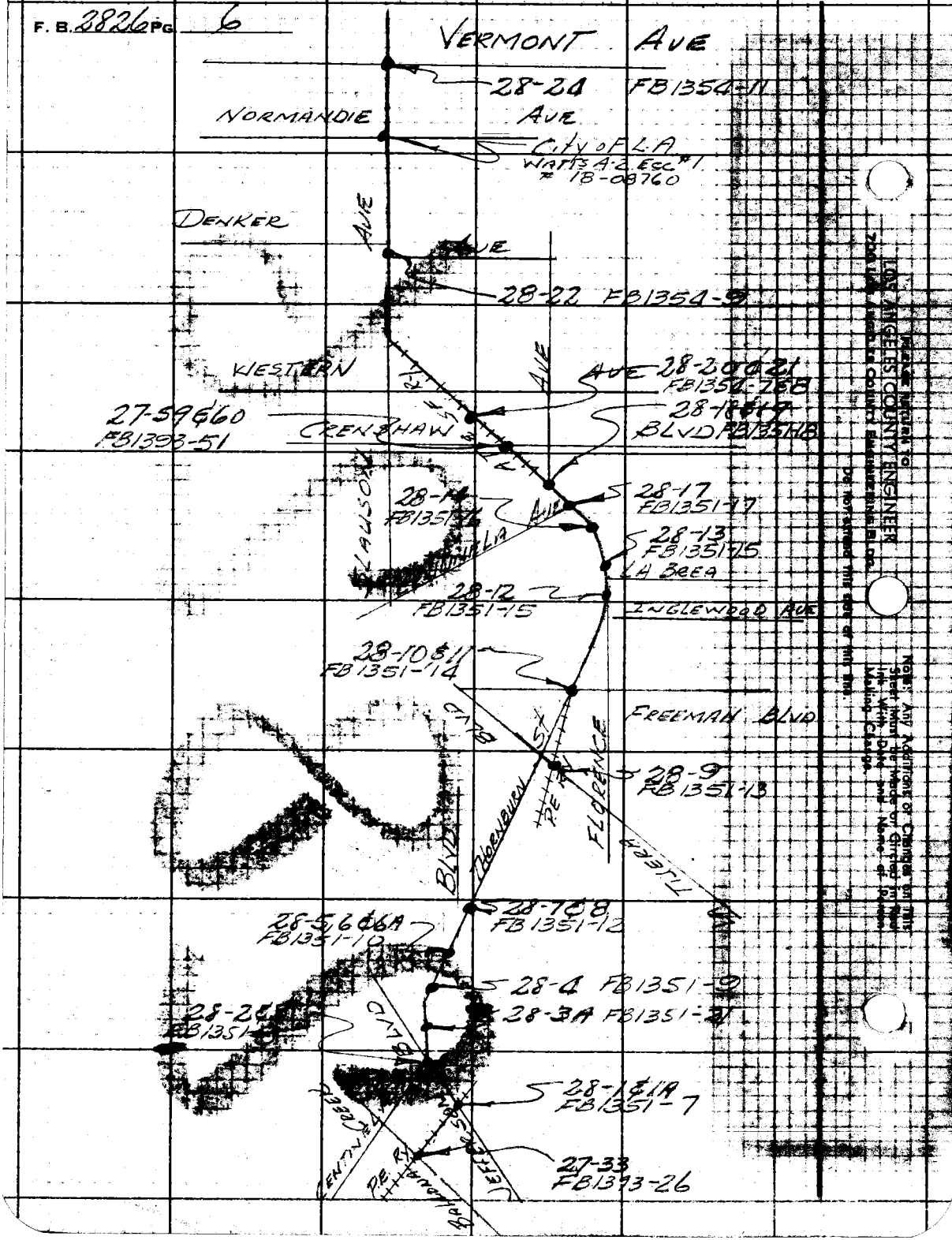
J.N. 0301.02

FROM BALLON CREEK ...
FFERSON BLVD, ...NTI...ELA AVE,
...RY., FLORENCE ..., AT SF
TO SIGUSON AVE, ...EN E...T ON
...AUSON AVE TO VERM... ...E &
...E IN WITH CITY OF LOS ANGELES
MONUMENTS.

...IZ...	AC
...GOBLE	AL
...BRAND	JW
...ODEN	RD
VA...	CG

2826

F. B. 2826 PG. 6



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not stand 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.

76P526B CE # 308 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY A. C. GUIZADO WEATHER WINDY & CLEAR INST. NO. 7524

NOTES BY A.L.G. DATE 8-4-60 TIME 10:30 To ROD NO. 35496

INDEXED DATE NOTES CHKD. H.E.O. DATE

F.B. 3826 Pg. 7

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM 27-33 TO BM 28-1
BM 27-33													BM 27-33 (F.C. BM 15-229)
1	285	915	586	5	92 285 262	46	128	368	429	5	151 105	46	P.E.R.R. & BALLONA CREEK
													SEE F.B. 1393-26 FOR DES.
2	145	141	446	5	168 122	46	157	560	458	5	180 134	46	
3	155	213	459	5	178 132	46	159	277	460	5	181 136	45	
4	157	421	458	5	180 134	46	179	020	480	5	202 156	46	
5	082	462	383	5	105 59	46	226	370	527	5	249 203	46	A.C. GUIZIDO
6	130	260	431	5	153 107	46	148	554	449	5	172 125	47	
7	147	08	4-8	5	170 124	46	136	639	437	5	158 114	44	
8	142	878	443	5	165 120	45	161	583	462	5	182 138	46	
9	160	345	461	5	183 137	46	138	382	439	5	161 115	46	
10	170	908	471	5	193 147	46	183	040	484	5	206 160	46	
11	154	86	455	5	164 143	23	159	390	460	5	170 147	23	
To BL	1732	485	CM			482	1778	183	CM			482 482 964	Meters
							1732	485					BM 28-1 (VENICE K-3)
							45	698	CM				P.E.R.R. & JEFFERSON BLVD.
DISS IN ELEV BM 28-1													SEE F.B. 1351-7 FOR DES.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-1 TO BM 27-33
BM 28-1													BM 28-1 (VENICE K-3)
1	154	251	455	5	165 / 142	23	150	178	451	5	161 / 138	23	P.E.R.R & JEFFERSON BLVD
2	183	869	484	5	206 / 160	46	167	678	468	5	190 / 144	46	SEE FB 1351-7 FOR DESC
3	136	811	437	5	159 / 113	46	163	261	464	5	186 / 140	46	
4	164	757	465	5	187 / 141	46	144	923	445	5	167 / 122	45	
5	132	238	433	5	154 / 110	44	150	882	451	5	173 / 127	46	
6	155	353	456	5	178 / 133	45	129	325	430	5	151 / 106	45	⊼ A.C. GUIZADO
7	226	253	427	5	249 / 203	46	082	381	383	5	105 / 59	46	
8	177	579	478	5	200 / 154	46	155	461	456	5	178 / 132	46	
9	159	340	460	5	182 / 136	46	155	835	456	5	178 / 132	46	
10	156	455	457	5	179 / 133	46	143	596	444	5	166 / 120	46	
11	133	358	434	5	156 / 110	46	291	116	592	5	282 / 291 / 268	46	
TOTAL	1780	264	CM				1734	6~~42~~ 36	CM				
	1734	6~~42~~ 36											
Diff In Elev	~~45~~	~~622~~	CM										
BM 27-	45	638											BM 27-33 (E.C. BM 115-229
													P.E.R.R & BALLONA CREEK
													SEE F.B. 1393-26 FOR DESC

F.B. 2826 PG. 8

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES A.L.G.

INDEXED [illegible] DATE 8-7-60

JOB NO. 0301.02

WEATHER CLEAR & WINDY INST. NO. N3 75234

TIME 11.15 TO ROD NO. 95896

NOTES CHKD DATE

76P526B CE # 308 6-59

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

SURVEY BY A.C. Gaizado WEATHER Sun & Windy INST. NO. 75234

NOTES BY ACG DATE 8-5-60 TIME 11:45 ROD NO. 95896

INDEXED DATE NOTES CHKD H.E. Ott DATE

F.B. 2826 PG. 9

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 28-1 TO BM 28-1A & Ret
BM 28-1													BM 28-1 (VENICE K-3)
1	161	502	462	5	173 / 150	23	146	311	447	5	158 / 135	23	JEFFERSON & PERR Crossing
													SEE FB 1351-7
2	141	052	442	5	155 / 127	28	164	075	465	5	178 / 150	28	
TOTAL	302	554				51	310	386				51	
							302	554				51	
DIFF/ELEV							7	832				102	
BM 28-1A													BM 28-1A (USC&GS C-1054 1960)
1	167	230	468	5	181 / 153	28	144	241	445	5	158 / 130	28	JEFFERSON & PERR Crossing
													SEE FB 1351-7
2	147	242	448	5	159 / 136	23	162	408	463	5	180 / 151	23	
TOTAL	314	472					306	649					
	306	649											
DIFF/ELEV	7	823											
BM 28-1													BM 28-1 (VENICE K-3)
													JEFFERSON & PERR
													SEE FB 1351-7

F.B. 2826 Pg. 10 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

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

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

76P526B CE # 308 8-59

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

SURVEY BY A.C. Fuzzard

NOTES BY ACF

DATE 8-5-60

WEATHER Overcast

TIME 9:00 - 4:25

INST. NO. 3239

ROD NO. 15874

F.B. 2076 Pg. 11

INDEXED DATE

NOTES CHKD. H.E. Ill DATE

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS From BM 28-1 To BM 28-3
BM 28-1													BM 28-1 (City of L.A. Venice K-3)
1	161	557	462	5	173 / 150	23	150	040	451	5	162 / 139	23	Jefferson Blvd & Perry
													See FB 1351-7 for detail
2	125	236	426	5	148 / 102	46	218	069	519	5	241 / 195	46	
3	155	378	456	5	178 / 132	46	150	915	451	5	173 / 127	46	
4	160	286	461	5	183 / 137	46	158	711	459	5	181 / 135	46	⊼ A.L. Goble
5	159	529	460	5	182 / 136	46	145	031	446	5	168 / 122	46	
6	160	427	461	5	183 / 137	46	146	453	447	5	169 / 123	46	
7	155	571	456	5	178 / 132	46	162	694	463	5	185 / 139	46	
TOTAL	1077	984				299	1131	913				299	
							1077	984				299	
												598	
DIFF/ELEV							53	929				5	
BM 28-2													BM 28-2 (Venice L-38) & int
1	187	788	488	5	198 / 161	12	168	694	469	5	174 / 162	12	Jefferson & Centinella Blvd
	168	694				BM						BM	See FB 1351-8
DIFF/ELEV	~~19~~	~~084~~										22	Meters
												12	
BM 28-3	19	094										24	BM 28-3 (Venice L-3A) NE cor
													Jefferson & Centinella Blvd
													See FB 1351-8

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

WEATHER Sunny Windy INST. NO. 1/3 3200
TIME 11:20 - 11:45 ROD NO. 25896
NOTES CHKD. _____ DATE _____

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-3 TO BM 28-1
BM 28-3													BM 28-3 (VENICE L-3A) NE COR JEFFERSON & CENTINELLA BLVD SEE FB 1351-8
	170	767	471	5	177 / 166	13	189	821	490	5	196 / 183	13	
							170	767					
DIFF/ELEV							19	054	/				
BM 28-2													BM 28-2 (VENICE L-3B) ℄ INT. JEFFERSON & CENTINELLA BLVD SEE FB 1351-8
1	161	899	462	5	184 / 138	46	154	850	455	5	177 / 131	46	
2	146	249	447	5	155 / 123	46	159	362	460	5	182 / 136	46	
3	144	330	445	5	157 / 131	46	161	630	462	5	184 / 138	46	
4	160	252	461	5	183 / 137	46	159	678	460	5	182	46	
5	149	777	450	5	172 / 126	46	154	479	455	5	177 / 131	46	
6	217	411	518	5	240 / 194	46	120	542	421	5	143 / 97	46	
7	144	618	445	5	156 / 133	23	159	839	460	5	171 / 146	23	
TOTAL	1120	536	/				1070	380					
	1070	380											
DIFF/ELEV	54	156	/										
BM 28-1													BM 28-1 (VENICE K-3) JEFFERSON BLVD & PERR CROSSING SEE FB 1351-7

F.B. 2826 PG. 12

SURVEY OF L. A. CO. PRECISE LEVEL (NE) JOB NO. 2301.12

SURVEY BY ACG NOTES ACG

INDEXED ~~H. E. OH~~ DATE

76P526B CE # 308 8-59

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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 BM 28-3 TO BM 28-3A
BM 28-3													BM 28-3 (VENICE L-3A) NE COR.
1	184	308	485	5	197 / 172	25	173	938	474	5	186 / 161	25	JEFFERSON & CENTINELA BLVD
													SEE FB 1351-8
2	151	068	452	5	174 / 128	46	138	502	439	5	161 / 115	46	
3	156	668	457	5	179 / 133	46	130	791	431	5	153 / 107	46	⊼ A. L. GOBLE
4	164	332	465	5	187 / 141	46	149	779	450	5	171 / 126	45	
5	165	092	466	5	188 / 142	46	165	378	466	5	188 / 142	46	
6	176	185	477	5	199 / 153	46	155	161	456	5	178 / 132	46	
7	185	009	486	5	208 / 162	46	163	757	464	5	186 / 140	46	
8	164	282	465	5	187 / 101	46	124	368	425	5	147 / 101	46	
TOTAL	1346	944	/			347	1201	674				347 / 347	
	1201	674	/									690	METERS
DIFF/ELEV	145	270	/										
BM 28-3A													BM 28-3A (USC&GS D-1054 1960)
													JEFFERSON BLVD & TEALE ST
													SEE FB 1351-21

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

SURVEY BY A.C. GUIZADO WEATHER OVERCAST INST. NO. 75234

NOTES BY A.C.G. DATE 8-5-60 TIME 9:25-9:45 ROD NO. 95896

INDEXED DATE NOTES CHKD. [illegible] DATE

F.B. 2826 PG. 13

PLEASE RETURN TO

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-3A TO BM 28-3
BM 28-3A													BM 28-3A (USCEGS D-1054 1960) JEFFERSON BLVD & TEALE ST SEE FB 1351-21
1	127	089	428	5	150/100	46	166	571	467	5	189/143	46	
2	145	268	446	5	168/122	46	167	578	468	5	190/144	46	
3	153	604	454	5	176/130	46	173	905	474	5	196/150	46	
4	162	568	463	5	185/139	46	162	433	463	5	185/139	46	
5	148	601	449	5	171/125	46	163	249	464	5	186/140	46	
6	134	211	435	5	157/111	46	159	533	460	5	182/136	46	
7	147	872	448	5	170/124	46	160	825	461	5	183/137	46	
8	171	679	472	5	183/158	25	181	875	482	5	194/164	25	
TOTAL	1190	892	/				1335	969	/				
							1190	892					
DIFF/ELEV BM 28-3							145	077	/				BM 28-3 (VENICE L-3A) NE COR JEFFERSON & CENTINELLA BLVD SEE FB 1351-8

F.B. 2826 Pg. 14

JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H. E. OTT DATE

WEATHER SUNNY INST. NO. 75234

TIME 10:50 ROD NO. 95846

NOTES CHKD. DATE

76P526B CE # 308 8-59

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

SURVEY BY A.C. GUIZADO WEATHER OVERCAST INST. NO. 75234

NOTES BY ACG DATE 8-5-60 TIME 9:45 to 10:15 ROD NO. 95896

INDEXED H.E. OH DATE NOTES CHKD. DATE

F.B. 2826 Pg. 15

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 28-3A TO BM 28-C
BM 28-3A	151	962	452	5	170 133	37	151	984	452	5	170 132	38	BM 28-3A
													JEFFERSON BLVD & TEALE ST
2	177	832	478	5	200 154	46	149	380	450	5	172 126	46	SEE FB 1351-21
3	176	087	477	5	199 153	46	157	381	458	5	179 136	43	
													⊼ A.L GOBLE
4	177	401	478	5	200 155	45	146	202	447	5	170 123	47	
5	178	544	479	5	201 155	46	135	671	436	5	158 112	46	
6	208	692	509	5	231 185	46	162	483	463	5	185 139	46	
TOTAL	1070	518				266	903	101				264	
	903	101										266	
DIFF/ELEV	167	417										530	
BM 28-4													BM 28-4 (ING A-3)
1	169	956	470	5	174 164	10	135	295	436	5	140 130	10	CENTINELLA AVE & 0.18 W of
													SEPULVEDA BLVD FB 1351-9
2	146	508	447	5	169 123	46	151	962	452	5	174 128	46	
3	160	892	461	5	183 137	46	113	372	414	5	136 90	46	
4	133	568	434	5	156 110	46	133	041	434	5	156 110	46	
TOTAL	610	924				414	533	670				414	
	533	670				148						414	
												828	METERS
DIFF/ELEV	77	254										148	
BM 28-5												148	BM 28-5 ℄ int
												296	SEPULVEDA BLVD & CENTINELA AVE
													SEE FB 1351-10

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-5 TO BM 28-3A
BM 28-5	133	203	434	5	156 / 110	46	133	673	434	5	156 / 110	46	BM 28-5
2	109	146	410	5	132 / 86	46	157	043	458	5	180 / 134	46	SEPULVEDA BLVD & CENTINELA AVE SEE FB 1351-10
3	145	832	446	5	168 / 122	46	140	333	441	5	163 / 117	46	
4	132	451	433	5	137 / 127	10	167	077	468	5	172 / 162	10	
TOTAL	520	632					598	126					
							520	632					
DIFF/ELEV							77	494					
BM 28-4													BM 28-4 (ING A-3)
1	170	799	471	5	193 / 147	46	217	131	518	5	240 / 194	46	CENTINELLA @ 0.18 mi W. of SEPULVEDA BLVD FB 1351-9
2	129	121	430	5	152 / 106	46	171	958	472	5	194 / 148	46	
3	138	262	439	5	161 / 115	46	169	707	470	5	192 / 146	46	
4	150	891	451	5	172 / 128	44	169	731	470	5	191 / 147	44	
5	141	889	442	5	164 / 118	46	170	380	471	5	193 / 147	46	
6	153	470	454	5	172 / 134	38	153	498	454	5	172 / 134	38	
TOTAL	884	432					1052	405					
							884	432					
DIFF/ELEV							167	973					
BM 28-3A													BM 28-3A (USCEGS D-1054 1960) JEFFERSON BLVD & TEALE ST. SEE FB 1351-21

F.B. 2826 PG. 16

JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NF

SURVEY BY ACG NOTES ACG

INDEXED H. E. OTT DATE

WEATHER SUNNY INST. NO. 75234

TIME 10:15 to ROD NO. 95876

NOTES CHKD DATE

76P526B CE # 308 8-59

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

SURVEY BY A. C. GUIZADO WEATHER WINDY & CLEAR INST. NO. P3 75234

NOTES BY A. C. G. DATE 8-5-60 TIME 1:20 TO 2:00 ROD NO. 95 & 96

INDEXED H. E. OTT DATE NOTES CHKD. DATE

F.B. 2826 Pg. 17

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 28-3A TO BM 28-5
BM 28-3A	150	278	451	5	168 132	36	150	301	451	5	168 131	37	BM 28-31
2	178	861	479	5	201 155	46	152	263	453	5	175 129	46	JEFFERSON BLVD & TEALES SEE F.B. 1351-21 FOR DEC C
3	174	961	475	5	196 152	44	154	374	455	5	176 132	44	
4	180	238	481	5	203 157	46	149	663	450	5	172 126	46	
5	177	482	478	5	200 154	46	134	011	435	5	157 111	46	⊼ J.W LYBA[illegible]
6	215	445	516	5	238 192	46	169	092	470	5	192 146	46	
TOTAL	1077	265	CM				909	704	CM				
	909	704											
Diff in Elev	167	561	CM										
BM 28-4													BM 28-4
1	172	882	473	5	176 168	8	138	358	439	5	143 133	10	CENTINELLA AVE & 0.18 MI W OF Sepulveda Blvd
2	145	789	446	5	167 123	44	138	154	439	5	161 115	46	SEE FB 1351-9
3	149	579	450	5	171 127	44	115	299	416	5	138 91	46	
4	135	380	436	5	159 111	48	134	368	435	5	155 112	43	
TOTAL	603	630	CM				526	179	CM				
	526	179											
Diff in Elev	77	451	CM										
BM 28-5													BM 28-5
													SEPULVEDA BLVD & CENTILLA AV SEE F.B 1351-10 FOR DEC

PLEASE RETURN TO

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 28-5 TO BM 28-3A
BM 28-5	132	976	433	5	154 / 110	44	133	982	434	5	156 / 110	46	BM 28-5
2	115	299	416	5	138 / 92	46	149	603	450	5	172 / 126	46	SEPULVEDA BLVD & CENTILLA AVE SEE F.B 1351-10 FOR DESC
3	135	551	436	5	158 / 112	46	143	197	404	5	165 / 121	44	
4	141	393	442	5	146 / 136	10	175	839	476	5	180 / 170	10	
TOTAL	525	220	CM				602	622	CM				
							525	220					
DIFF IN ELEV							77	402	CM				
BM 28-4													BM 28-4
1	171	875	472	5	194 / 148	46	195	896	496	5	218 / 172	46	CENTINILLA AVE & 0.18 mi W/ of Sepulveda Blvd
2	107	776	408	5	130 / 84	46	174	077	475	5	197 / 151	46	SEE FB 1351-9
3	140	909	441	5	163 / 117	46	170	906	471	5	193 / 147	46	
4	146	268	447	5	168 / 124	44	166	864	467	5	188 / 144	44	
5	143	012	444	5	166 / 120	46	169	403	470	5	192 / 146	46	
6	151	832	451	5	170 / 132	38	151	921	452	5	170 / 132	38	
TOTAL	861	672	CM				1029	067	CM				
							861	672					
DIFF IN ELEV							167	395	CM				
BM 28-3A													BM 28-3A
													JEFFERSON BLVD & TEALE ST SEE F.B 1351-21 FOR DESC

F.B. 2826 Pg. 18

SURVEY OF C.A. CO. PRECISE LEVEL Nº

SURVEY BY ACG NOTES ALG

INDEXED H.E. OTT DATE 8-5-60

JOB NO.

WEATHER CLEAR & WINDY INST. NO. 25234 N3

TIME 2:00 TO 2:50 ROD NO. 35896

NOTES CHKD DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C. GUIZADO WEATHER HAZY INST. NO. 75234

NOTES BY A.C.G. DATE 8-9-60 TIME 10:20-10:50 ROD NO. 95896

INDEXED H.E. OTI DATE NOTES CHKD. DATE

F.B. 2826 Pg. 19

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 28-5 TO BM 28-7
BM 28-5	208	825	509	5	224 / 191	33	128	168	429	5	144 / 112	32	BM 28-5 (ING A-3) Exit
	128	168										33	Centinella Ave & Sepulveda Blvd
DIFF/ELEV	80	657										65	See FB 1351-10
BM 28-6A													BM 28-6A (US 4034) LAWD&P
	132	574	433	5	133 / 130	3	136	985	437	5	137 / 134	3	Centinella Ave & Sepulveda Blvd
							132	574				3	w Conc Culv. See FB 1351-10
DIFF/ELEV							4	411				6	
BM 28-6													BM 28-6 USC&GS M776 (US 4035)
1	135	521	436	5	158 / 112	46	165	001	466	5	189 / 142	47	Centinella Ave & Sepulveda Blvd
													w Conc Culv. See FB 1351-10
2	171	368	472	5	195 / 147	48	141	894	442	5	163 / 118	45	
3	180	662	481	5	202 / 158	44	134	689	435	5	157 / 110	47	
													⊼ R.D. GLIDDEN
4	182	277	483	5	205 / 159	46	135	940	436	5	158 / 112	46	
5	182	890	483	5	205 / 159	46	117	695	418	5	140 / 94	46	
6	263	190	564	5	281 / 244	37	029	206	330	5	47 / 10	37	
7	270	360	571	5	286 / 254	32	066	362	367	5	82 / 50	32	
8	193	116	494	5	200 / 185	15	167	288	468	5	174 / 159	15	
TOTAL	1579	384				350	958	075				350	
	958	075				314						700	METERS
DIFF/ELEV	621	309										315	BM 28-7 (ING B-3C
BM 28-7												314	Centinella Ave 0.4 mi E'ly of
												629	Sepulveda Blvd See FB 1351-12

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-7 TO BM 28-5
BM 28-7	163	614	464	5	170 155	15	189	204	490	5	192 181	15	BM 28-7 (ING B-3C)
2	060	146	365	5	80 48	32	268	562	569	5	284 252	32	CENTINELLA AVE O.d SE'LY FROM SEPULVEDA BLVD
3	029	669	330	5	47 10	37	263	256	564	5	281 244	37	SEE FB 1351-12
4	114	990	415	5	137 91	46	180	575	481	5	203 157	46	
5	133	616	434	5	156 110	46	179	374	480	5	202 156	46	
6	133	512	434	5	156 110	46	179	987	480	5	202 156	46	
7	142	694	443	5	164 120	44	171	748	472	5	195 147	48	
8	165	173	466	5	189 140	49	135	907	436	5	177 113	44	
TOTAL	947	414					1568	613					
							947	414					
DIFF/EL							621	199					
BM 28-6													BM 28-6 (USC&GS M776 (US 4035)
	137	736	438	5	139 135	4	133	321	434	5	134 131	3	CENTINELLA AVE & SEPULVEDA Bd
	133	321											SEE FB 1351-10
DIFF/ELE	4	415											
BM 28-6A													BM 28-6A (US 4034 LADW&P)
	127	599	428	5	143 111	32	208	179	509	5	224 191	33	CENTINELLA AVE & SEPULVEDA Bd.
							127	599					SEE FB 1351-10
DIFF/ELEV							80	580					
BM 28-5													BM 28-5
													CENTINELLA AVE & SEPULVEDA Blvd
													SEE FB 1351-10

F.B. 2826 PG. 20

SURVEY OF C.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED [illegible] DATE

JOB NO. 030102

WEATHER SUNNY INST. NO. 75234

TIME 11:30 - 12:00 ROD NO. 95896

NOTES CHKD. DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C. GUIZARDO WEATHER HAZY INST. NO. 75234

NOTES BY A.C.G. DATE 8-9-60 TIME 10:50 to 11:10 ROD NO. 95896

INDEXED B.E. ON DATE NOTES CHKD DATE

F.B. 2826 PG. 21

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 28-7 TO BM 28-8
BM 28-7													BM 28-7 (ING B-3C)
1	157	564	458	5	180 134	46	232	427	533	5	255 209	46	CENTINELA AVE & 0.4 SE'ly
													SEPULVEDA BLVD FB 1351-12
2	109	090	410	5	132 86	46	153	476	454	5	176 130	46	
3	197	779	498	5	220 174	46	137	574	438	5	160 114	46	
													⊼ R.D. GLIDDEN
4	152	128	453	5	164 140	24	212	052	513	5	224 200	24	
TOTAL	616	561				162	735	529	/			162	
							616	561				162	
DIFF ELEV							118	968	/			324	
TBM													TBM (ING B-3D HEX BAR
	213	836	514	5	215 210	5	211	533	512	5	213 209	4	SEE FB 1351-12
	211	533				167						166	
												167	
DIFF/ELEV	2	303	/									333	METERS
BM 28-8												5	BM 28-8 (45.47) CENTINELA AVE
												9	& at PI; 0.65 MI SE'ly SEPULVEDA
													BLVD SEE FB 1351-12

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-8 TO BM 28-7
BM 28-8	211	822	513	5	213 209	4	214	147	515	5	216 211	5	BM 28-8 (45.47) CENTINELA AVE & at PL, 0.65 MI S'E'LY SEPULVEDA BLVD SEE FB 1351-12
							211	822					
DIFF/ELEV							2	325					
TBM 1	212	381	513	5	223 200	23	167	194	468	5	178 155	23	TBM (ING B-3D) SEE FB 1351-12
2	154	629	455	5	177 131	46	189	781	490	5	212 166	46	
3	143	070	444	5	166 120	46	108	951	409	5	131 85	46	
4	224	107	525	5	247 201	46	149	253	450	5	172 126	46	
TOTAL	734	187					615	179					
	615	179											
DIFF/ELEV	119	008											
BM 28-7													BM 28-7 CENTINELA AVE & 0.4 MI SE'LY FROM SEPULVEDA BLVD SEE FB 1351-12

F.B. 2826 PG. 22 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H. E. OTT DATE

WEATHER HAZY INST. NO. 75234

TIME 11:10-1130 ROD NO. 95896

NOTES CHKD DATE

76PS26B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C.G. GUIZARO WEATHER SUN

NOTES BY ACG DATE 8-9-60 TIME 1:15 INST. NO. 15234

INDEXED H.E.O. DATE NOTES CHKD. DATE ROD NO. 15574

F.B. 1827 Pg. 23

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-8 TO BM 28-9
BM 28-8													BM 28-8 (45.47) CENTINELA AVE & SEPULVEDA BLVD, 0.4 MI SE'LY OF, SEE FB 1351-12
1	222	237	523	5	244 / 199	45	160	783	461	5	182 / 137	45	
2	157	465	458	5	180 / 134	46	164	572	465	5	187 / 141	46	
3	175	460	476	5	197 / 152	45	120	308	421	5	142 / 97	45	
4	208	800	509	5	231 / 184	47	107	617	408	5	130 / 86	46	π R.D. GLIDDEN
5	248	512	549	5	271 / 225	46	057	842	358	5	80 / 34	46	
6	247	672	548	5	270 / 224	46	093	878	394	5	116 / 70	46	
7	206	734	507	5	229 / 183	46	109	705	410	5	132 / 86	46	
8	211	533	512	5	234 / 188	46	126	989	427	5	149 / 103	46	
9	195	165	496	5	214 / 175	39	104	750	405	5	124 / 84	40	
10	201	065	502	5	210 / 192	18	006	582	307	5	15 / 6 x2	18	
11	295	857	596	5	295 / 288 2	14	003	938	304	5	9 / 3 x2	12	
12	283	528	584	5	295 / 271	24	013	611	314	5	25 / 13 x2	24	
13	195	165	496	5	216 / 173	43	256	941	557	5	277 / 234	43	
								Cont'd.					

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-8 TO BM 28-9
14	051	608	352	5	72 30	42	279	962	580	5	301 257	44	
15	047	305	348	5	60 33	27	291	186	592	5	291 277 x2	28	
16	023	794	324	5	38 8	30	263	411	564	5	278 247	31	
17	119	812	420	5	133 104	29	041	992	342	5	55 26	29	
18	288	768	589	5	298 277	21	034	897	335	5	45 23	22	
19	199	950	500	5	207 191	16	163	201	464	5	171 151	16	
TOTAL	3580 2402	430 165	/			670	2402	165				673 670 1343	
DIFF/ELEV BM 28-9	1178	265	/										METERS

BM 28-9 Exit to East Thornburn St & La Tijera Blvd
See FB 1351-13

F.B. 2826 Pg. 24

JOB NO. 0301.02

SURVEY OF C.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED [illegible] DATE

WEATHER SUN INST. NO. 75234

TIME 1:15 - 2:15 ROD NO. 95396

NOTES CHKD. DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C. GUIZADO WEATHER Sun & Wind INST. NO. 75234

NOTES BY A.C.G. DATE 8-9-60 TIME 2:15-3:15 ROD NO. 95896

INDEXED H.E. OTT DATE NOTES CHKD. DATE

F.B. 2826 PG. 25

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 28-9 TO 28-8
BM 28-9													BM 28-9
1	165	503	466	5	173 / 157	16	202	216	503	5	210 / 194	16	THORNBURN ST & LA TIJERA BLVD
2	040	835	341	5	51 / 29	22	298	293	599	5	299 / 287 2	22	SEE FB 1351-13
3	046	473	347	5	60 / 31	29	120	950	421	5	134 / 105	29	
4	273	460	574	5	288 / 257	31	034	058	335	5	48 / 19	29	
5	291	780	592	5	291 / 277 2	28	045	104	346	5	59 / 31	28	
6	275	728	576	5	296 / 253	43	050	243	351	5	72 / 28	44	
7	255	815	556	5	277 / 234	43	211	720	512	5	233 / 189	44	
8	033	809	334	5	45 / 21	24	287	845	588	5	299 / 274	25	
9	027	279	328	5	33 / 21	12	301	570	602	5	301 / 295 x2	12	
10	005	412	306	5	14 / 5 x2	18	214	392	515	5	224 / 204	20	
11	097	382	398	5	118 / 77	41	188	465	489	5	207 / 169	38	
12	126	323	427	5	149 / 103	46	200	348	501	5	223 / 177	46	
13	102	882	403	5	125 / 79	46	210	512	511	5	233 / 187	46	
							Con't						

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-9 TO BM 28-8
14	093	471	394	5	116 70	46	247	097	548	5	270 224	46	
15	057	413	358	5	80 34	46	249	690	550	5	272 226	46	
16	105	308	406	5	128 82	46	205	175	506	5	228 181	47	
17	121	176	422	5	144 98	46	174	942	475	5	197 151	46	
18	162	096	463	5	185 139	46	155	822	456	5	178 132	46	
19	162	829	463	5	185 139	46	224	152	525	5	247 201	46	
TOTAL	2444	974					3622	594					
							2444	974					
DIFF/ELEV BM 28-8							1177	620					BM 28-8 (45.47) Centinela Ave & 0.6 mi SE'ly of Sepulveda Blvd PI See FB 1351-12

WEATHER Sunshine INST. NO. 15234

TIME 2:15-3:15 ROD NO. 75876

NOTES CHKD DATE

JOB NO. 0301.02

L. A. CO. PRECISE LEVEL NET

NOTES ACG

DATE

F.B. 2826 PG. 26

SURVEY OF

SURVEY BY ACG

INDEXED H. E. OIT

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY [illegible] WEATHER [illegible] INST. NO. 153234

NOTES BY [illegible] DATE 8-10-66 TIME 9:05 to 10:15 ROD NO. 95496

INDEXED H. E. OTT DATE NOTES CHKD. DATE

F.B. 2826 Pg. 27

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 28-9 TO BM 28-[illegible]
BM 28-9													BM 28-9 ℄ INT to EAST
1	168	140	469	5	176 / 60	16	205	048	506	5	213 / 197	16	THORNBURN ST & LA TIJERA BLVD
2	031	827	332	5	47 / 20	22	285	642	586	5	296 / 274	22	SEE FB 1351-13
3	034	645	340		53 / 24	29	119	468	420	5	131 / 1[illegible]	30	
4	[illegible]	830	525	5	[illegible] / 25[illegible]	31	[illegible]	[illegible]	[illegible]	5	[illegible] / [illegible]	30	
5	[illegible]	[illegible]	[illegible]	5	[illegible] / 254	[illegible]	[illegible]	[illegible]	[illegible]	5	[illegible] / 3[illegible]	[illegible]	T. G. VALLEZ
6	[illegible]	[illegible]	[illegible]	5	[illegible] / 257	42	252	668	353	5	74 / 3[illegible]	43	
7	261	352	562	5	[illegible] / 239	45	200	[illegible]	501	5	[illegible] / [illegible]	42	
8	016	741	317	5	28 / 04	24	[illegible]	[illegible]	[illegible]	5	[illegible] / [illegible]	24	
9	[illegible]	[illegible]	[illegible]	5	[illegible] / [illegible]	[illegible]	[illegible]	[illegible]	400	5	[illegible] / [illegible]	12	
10	[illegible]	[illegible]	310	5	09 / 17	16	[illegible]	[illegible]	526	5	235 / 214	21	
11	[illegible]	[illegible]	397	5	118 / 75	43	195	360	496	5	213 / 177	36	
12	127	480	[illegible]	5	150 / [illegible]	46	[illegible]	881	507	5	228 / 183	45	
13	095	515	396	5	118 / 72	46	193	[illegible]	49[illegible]	5	216 / 173	46	
14	[illegible]	092	393	5	114 / [illegible]	44	[illegible]	590	50[illegible]	5	[illegible] / [illegible]	47	
[illegible]	[illegible]	[illegible]	/				2593	385	/				

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 28-[illegible] TO B.M. 28-8
SUB TOTAL	1816	097					2593	385					
15	053	750	354	5	76 30	46	[illegible]	169	[illegible]	5	[illegible]	16	
16	102	898	403	5	125 79	46	202	149	503	5	226 [illegible]	47	
17	114	904	415	5	137 91	46	170	636	471	5	193 147	46	
18	160	738	[illegible]	5	183 137	46	153	[illegible]	454	5	[illegible]	46	
19	158	774	459	5	187 35	47	220	[illegible]	521	5	242 198	44	
TOTAL	2407	161					3535	33x0					
[illegible]							2407	161					
ELEV.							1178	170					
B.M. 28-8							1178	169					B.M. 28-8 (45.47) CENTINELA AVE & PI, 0.6 MI SE'LY SEPULVEDA BLVD SEE FB 1351-12

WEATHER Good INST. NO. 75234

TIME 9:05 To 10:15 ROD NO. 95876

NOTES CHKD DATE

JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES R.G.

INDEXED H. E. O'T DATE 8-10-60

F.B. 2826 PG. 28

76P526B CE # 308 8-59

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Do not extend notes this side of this line.

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

SURVEY BY A. CHAVARRO WEATHER GOOD INST. NO. 23230

NOTES BY R. [illegible] DATE [illegible] TIME 10:30 TO 11:05 ROD NO. 95286

INDEXED H. E. OH DATE [illegible] NOTES CHKD. DATE

F.B. 2826 Pg. 29

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM 28-9 To BM 28-11
BM 28-9													BM 28-11
1	160	291	461	5	153 / 37	40	247	781	549	5	258 / 220	45	LA TUERA BLVD & THORNBURN ST
													SEE FB 1351-13
2	054	381	355	5	71 / 37	34	275	925	576	5	292 / 258	34	
3	046	796	347	5	58 / 31	27	299	892	600	5	288 / 255	22	
4	018	270	319	5	29 / 7	22	221	173	522	5	233 / 209	24	
5	213	432	[illegible]	5	236 / 195	46	132	205	433	5	155 / 109	46	↑ G. VALDEZ
6	69	230	[illegible]	5	178 / [illegible]	21	251	909	352	5	[illegible]	[illegible]	
7	300	888	601	5	300 / 272	16	312	157	313	5	20 / 4	16	
8	260	415	561	5	283 / 237	46	134	916	435	5	157 / 111	46	
9	257	[illegible]	752	5	110 / 64	46	237	405	533	5	260 / [illegible]	[illegible]	
10	179	324	180	5	172 / 146	26	154	194	[illegible]	5	403 / 176	27	
TOTAL	240	526				327	1803	751				327	
												327	
DIFF. IN ELEV.							1490	624				654	
							313	235					
B.M. 28-10	223	313	[illegible]	5	246 / 200	46	098	301	399	5	121 / 75	46	BM 28-10
2	162	757	463	5	90 / 54	36	202	335	503	5	168 / 135	33	THORNBURN STATE 477' W. OF
TOTAL	386	072				409	300	636				406 / 409	FREEMAN BLVD; FB 1351-14
DIFF. IN ELEV.	300	636								METERS		815	BM 28-11
	85	436											FREEMAN BLVD & 126' S. OF FIERO
BM 28-11													SEE FB 1351-14

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. N3 78234
ROD NO. 75EF96
DATE
WEATHER Good
TIME 2:10 TO 2:40
NOTES CHKD

F.B. 2826 PG. 30
SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY J.C.C. NOTES E.C.
INDEXED H.E. OTT DATE 8-10-60
JOB NO. B301.02

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 28-11 TO BM 28-7
BM 28-7	[illegible]	[illegible]	[illegible]	5	[illegible]	33	[illegible]	[illegible]	[illegible]	5	130	34	BM 28-7
2	095	569	[illegible]	5	[illegible]		[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	FREEMAN BLVD & 12.6' S OF PERE
TOTAL	[illegible]	[illegible]				81	333	945				80	SEE FB 1351-14
DIFF.							[illegible]	[illegible]				81	
ELEV.							38	[illegible]				161	
BM 28-10													BM 26-10
	115	304	[illegible]	5	145	2	149	362	[illegible]	5	184	26	THORNBURN ST at PI 477' W/
2	231	801	[illegible]	5	257	16	184	192	360	5	159	46	OF FREEMAN BLVD FB 1351-14
3	31	[illegible]	[illegible]		[illegible]	15	[illegible]	[illegible]	[illegible]		[illegible]	12	
4	204	273	310		17	16	248	[illegible]	370	5	[illegible]	14	
5	029	457	350	5	38	22	107	[illegible]	[illegible]	5	177	[illegible]	
6	128	358	[illegible]	5	181	[illegible]	204	[illegible]	270	5	[illegible]	12	
7	211	813	512	5	223 205	13	015	931	316	5	36	22	
8	275	400	[illegible]	5	[illegible]	15	038	401	[illegible]	5	[illegible]	24	
	274	[illegible]	[illegible]	5	[illegible]	34	068	524	[illegible]	5	70 36	34	
	[illegible]	[illegible]	[illegible]	5	[illegible]	14	158	971	459	5	81 32	15	
TOTAL	1717	5 5					1433	915					BM 28-9
DIFF.	1417 3												LA TIJERA BLVD & THORNBURN ST
ELEV.	[illegible]	4 1/10											SEE FB 1351-13
BM 28-9													

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

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

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

INDEXED [illegible] DATE NOTES CHKD. DATE

F.B. 2826 Pg. 31

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 28-11 TO [illegible]
B.M. 28-11													B.M. 28-11
1	192	744	495	5	217 / 171	46	127	610	428	5	150 / 104	46	FREEMAN BLVD at PERR. 126' S. SEE FB 1351-14
2	229	697	530	5	253 / 206	47	115	996	416	5	138 / 92	46	
3	183	163	482	5	207 / 159	48	122	982	423	5	145 / 99	46	
4	183	139	484	5	206 / 161	45	113	972	414	5	137 / 89	48	
5	201	141	502	5	224 / 178	46	104	687	405	5	127 / 81	46	⊼ C. VALDEZ
6	203	103	504	5	225 / 180	45	086	143	387	5	109 / 63	46	
7	226	145	527	5	250 / 202	48	073	963	374	5	96 / 51	45	
8	169	292	470	5	189 / 149	40	163	672	464	5	187 / 39	48	
9	194	798	495	5	218 / 170	48	095	421	396	5	117 / 73	44	
10	214	793	515	5	237 / 190	47	085	757	386	5	108 / 63	45	
11	183	323	484	5	206 / 160	46	135	290	436	5	158 / 112	46	
12	197	552	498	5	220 / 174	46	125	263	426	5	248 / 102	46	?
? 13	239	169	540	5	254 / 224	30	101	412	410	5	124 / 94	30	
TOTAL	2620	059				582	1460 / 1452	198				582 / 582	BM 28-12 (USGS 16) US 76
DIFF. IN	1460 / 1452	198									METERS = 1164		AT INGLEWOOD station
ELEV.	~~1159~~	~~861~~											SEE FB 1351-15
B.M. 28-12	1167	861											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 28-12 TO B.M. 28-11
B.M. 28-12	107	459	408	5	92 / 122	30	237	536	533	5	252 / 222	30	B.M. 28-12 (USGS 16) US 76
2	124	499	425	5	146 / 101	45	197	409	498	5	221 / 174	47	AT INGLEWOOD Station
3	135	762	436	5	159 / 111	48	182	468	487	5	205 / 160	45	SEE FB 1351-15
4	087	374	388	5	0 / 64	46	215	659	516	5	238 / 192	46	
5	093	722	394	5	116 / 70	46	194	193	495	5	216 / 171	45	
6	163	398	464	5	85 / 121	44	163	406	469	5	190 / 146	44	T G. VALDEZ
7	071	01	372	5	93 / 48	45	225	415	526	5	259 / 202	47	
8	087	700	388	5	111 / 64	47	204	119	505	5	226 / 182	44	
9	107	376	408	5	130 / 84	46	203	949	504	5	226 / 180	46	
10	124	340	425	5	147 / 101	46	188	903	489	5	211 / 165	46	
11	119	596	420	5	145 / 96	46	186	290	487	5	210 / 163	47	
12	116	431	417	5	139 / 93	46	228	484	529	5	252 / 205	47	
13	128	073	429	5	151 / 105	46	194	682	495	5	217 / 171	46	
TOTAL	1467	351					2627	313					
DIFF. IN							1467	351					BM 28-11
ELEV.							1159	962					FREEMAN Blvd at PERE.
B.M. 28-11													SEE FB 1351-14

F.B. 2826 PG. 32

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES R.G.

INDEXED A.L. OTT DATE 8-10-60

WEATHER Good INST. NO. 75234

TIME 1:10 to 2:10 ROD NO. 75896

NOTES CHKD. DATE

N3

76P5268 CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C. GUIZADO WEATHER SUN

NOTES BY ACG DATE 8-11-60 TIME 10:35-11:10

INDEXED H. E. OIL DATE NOTES CHKD DATE

F.B. 2826 Pg. 33

INST. NO. 75230 43

ROD NO. 95896

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 28-12 TO BM 28-14
BM 28-12													BM 28-12 (USGS 16, 1922 RESET 1946)
	174	559	475	5	151 / 157	34	131	824	432	5	148 / 114	34	AT INGLEWOOD STATION
	131	824	✓									34	SEE FB 1351-15
DIFF/ELEV	42	735	✓									68	
BM 28-13													BM 28-13 (US 3502) N-417
1	119	132	420	5	143 / 95	48	085	379	386	5	109 / 61	48	AT INGLEWOOD STATION
													SEE FB 1351-15
2	177	015	478	5	200 / 154	46	120	549	421	5	143 / 97	46	
													⊼ J.W. LYBRAND
3	205	682	506	5	228 / 182	46	104	413	405	5	127 / 81	46	BS 6.56227
													FS 5.13803
4	154	398	455	5	162 / 146	16	203	462	504	5	42 / 195	17	D +1.42424 G-417
G-417 5	202	134	503	5	214 / 192	22	088	601	389	5	100 / 76	24	+.11 3533 F-417
F 417 6	215	149	516	5	227 / 203	24	079	968	380	5	90 / 68	22	+1.35181 E-417
E 417 7	206	462	507	5	218 / 194	24	163	860	464	5	175 / 151	24	+.42 602
TOTAL	1279	972	✓			260	846	232	✓			261 / 260 / 521	
	846	232	✓										METERS
DIFF/ELEV	433	740	✓										
BM 28-14													BM 28-14 (US 3493) D-417
													FLORENCE AVE & LA BREA
													SEE 1351-16

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-14 TO BM 28-12
BM 28-14													BM 28-14 (D-417) AT & SF &
E-417 1	168	728	469	5	180 / 156	24	211	303	512	5	223 / 199	24	FLORENCE AVE & LA BREA AVE
													SEE FB 1351-16
F417 2	079	701	380	5	91 / 67	24	214	862	515	5	225 / 203	21	F-417
G-417 3	090	975	391	5	101 / 79	22	204	492	505	5	216 / 192	24	G-417
4	181	998	482	5	189 / 173	16	132	729	433	5	141 / 123	18	⊼ J W LYBRAND
5	099	180	400	5	122 / 76	46	200	483	501	5	223 / 177	46	
6	119	542	420	5	142 / 96	46	176	222	477	5	199 / 153	46	
7	092	095	393	5	116 / 68	48	125	881	426	5	149 / 101	48	
TOTAL	832	219				226	1265	972				227	
							832	219				226	
DIFF/ELEV							433	753				453	
BM 28-13													BM 28-13 (US 3502) N-417
	128	196	429	5	140 / 112	32	170	890	471	5	189 / 151	36	AT INGLEWOOD Station
							128	196					SEE FB 1351-15
DIFF/ELEV							42	694					
BM 28-12													BM 28-12 (USGS 16) RESET 1946 US 76
													AT INGLEWOOD STATION
													SEE FB 1351-15

F.B. 2826 PG. 34

JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H. E. OTT DATE

WEATHER SUN INST. NO. 75234

TIME 10:00-10:35 ROD NO. 75896

NOTES CHKD. DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C. GUIZADO WEATHER SUN INST. NO. 76234

NOTES BY ACG DATE 8-11-60 TIME 11:10-11:50 ROD NO. 95896

INDEXED H. E. OTT DATE NOTES CHKD. DATE

F.B. 2876 PG. 35

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 28-14 TO BM 28-17
BM 28-14													BM 28-14 (D-417) AT&SF
1	160	992	461	5	183 / 137	46	138	762	439	5	162 / 114	48	FLORENCE & LA BREA AVE
													SEE FB 1351-16
2	177	912	478	5	200 / 154	46	115	599	416	5	138 / 92	46	
3	201	398	502	5	224 / 178	46	109	104	410	5	132 / 86	46	
4	186	983	487	5	209 / 163	46	101	571	402	5	124 / 78	46	JW LYBRAND
5	210	874	511	5	233 / 187	46	121	227	422	5	144 / 98	46	
6	184	725	485	5	207 / 161	46	103	222	404	5	126 / 80	46	
7	200	508	501	5	223 / 177	46	102	789	403	5	125 / 79	46	
8	203	797	504	5	229 / 177	52	110	938	411	5	136 / 84	52	
9	215	427	516	5	229 / 201	28	133	869	434	5	147 / 119	28	
TOTAL	1742	616				402	1037	083				404 / 402	
	1037	083										806	METERS
DIFF/ELEV	705	533											
BM 28-17													BM 28-17 M-416 AT&SF
													CENTINELA & FLORENCE AVE
													SEE FB 1351-17

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-17 TO BM 28-14
BM 28-17													BM 28-17 M416
1	132	438	433	5	146 / 118	28	206	341	507	5	220 / 192	28	CENTINELA AVE & FLORENCE AVE
													SEE FB1351-17
2	102	341	403	5	128 / 76	52	202	679	503	5	228 / 176	52	
3	107	899	408	5	130 / 84	46	206	255	507	5	229 / 183	46	
4	122	771	423	5	145 / 99	46	189	563	490	5	212 / 166	46	⊼ J.W. LYBRAND
5	103	992	404	5	126 / 80	46	208	099	509	5	231 / 185	46	
6	106	252	407	5	129 / 83	46	193	545	494	5	216 / 170	46	
7	126	395	427	5	146 / 103	46	216	713	517	5	239 / 193	46	
8	109	440	410	5	132 / 86	46	187	655	488	5	210 / 164	46	
9	143	705	444	5	166 / 120	46	150	048	451	5	173 / 127	46	
TOTAL	1055	233					1760	898					
							1055	233					
DIFF/ELEV							705	665					
BM 28-14													BM 28-14 (D-417) AT&SF & FLORENCE AVE & LA BREA AVE
													SEE FB 1351-16

F.B. 2826 Pg. 36

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H. E. OD DATE

JOB NO. 0301.02

WEATHER Slight Haze INST. NO. 75234

TIME 9:10- ROD NO. 95891

NOTES CHKD DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C. GUIZADO WEATHER Sunny Windy INST. NO. 75234

NOTES BY A.C.G. DATE 8-11-60 TIME 2:30 ROD NO. 75296

INDEXED H.E. OTT DATE NOTES CHKD. DATE

F.B. 2826 Pg. 37

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 28-17 TO BM 28-19
BM 28-17 (L-416) 1	167	093	468	5	179 / 155	24	114	289	415	5	126 / 102	24	BM 28-17 M 416 FLORENCE AVE & CENTINELA AVE SEE FB 1351-17
L-416 2	211	952	512	5	234 / 188	46	104	601	405	5	126 / 82	44	.52804 L=416
(G-416) 3	217	140	518	5	241 / 193	48	105	584	406	5	129 / 81	48	G-416
G-416 (E-416) 4	201	535	502	5	224 / 178	46	109	673	410	5	132 / 86	46	E-416
E 416 5	131	919	432	5	151 / 111	40	117	066	418	5	137 / 97	40	
(B416) 6	194	023	495	5	211 / 177	34	123	982	424	5	140 / 106	34	B-416
B 416 7	194	698	495	5	217 / 171	46	112	803	413	5	135 / 89	46	
(X-415) 8	209	761	510	5	233 / 185	48	119	839	420	5	143 / 95	48	X-415
X 415 (W-415) 9	173	809	474	5	184 / 162	26	144	886	445	5	156 / 132	24	W-415
W 415 10	195	931	496	5	207 / 183	24	156	847	457	5	166 / 144	24	
TOTAL	1897	861	✓				1209	570	✓				
	1209	570	✓										
DIFF/ELEV BM 28-18	688	291	✓										BM 28-18 V-415 (US 3461) FLORENCE AVE & REDONDO BLVD SEE FB 1351-18
	192	902	493	5	216 / 170	44 / 426	149	060	450	5	171 / 127	44 / 422 / 426	
	149	060	✓										
DIFF ELEV BM 28-19	43	842	✓								METERS	848	BM 28-19 U-415 (US 3460) FLORENCE AVE & REDONDO BLVD SEE FB 1351-18

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-19 TO BM 28-17
BM 28-19	153	244	454	5	175 131	44	197	139	498	5	219 175	44	BM 28-19 U-495 1935 FLORENCE AVE & REDONDO BLVD SEE FB 1351-18
							153	244 ✓					
DIFF/ELEV							43	895 ✓					
BM 28-18 (W-415) 1	154	804	455	5	166 142	24	193	923	494	5	205 181	24	BM 28-18 V-415 1935 FLORENCE AVE & REDONDO BLVD SEE FB 1351-18
(X-415) 2 ⊼ W415	147	311	448	5	159 135	24	176	253	477	5	188 164	24	X-415
X415 3	118	771	419	5	142 96	48	209	500	510	5	233 185	48	⊼ J.W. LYBRAND
(B-416) 4	114	449	415	5	137 91	46	195	522	496	5	[illegible]	46	B-416
B416 5	126	523	427	5	143 109	34	196	508	497	5	213 179	34	
(E-416) 6	113	056	414	5	133 93	40	128	081	429	5	148 108	40	E-416
E416 (G-416) 7	113	335	414	5	136 91	45	205	236	506	5	229 181	48	G-416
G416 8	107	528	408	5	131 83	48	220	299	521	5	244 196	48	
(L-416) 9	104	045	405	5	126 82	44	210	234	511	5	233 187	46	L-416
L416 10	114	740	415	5	127 101	26	167	552	468	5	178 156	22	
TOTAL	1214	562 ✓					1903	108 ✓					
							1214	562 ✓					
DIFF/ELEV BM 28-17							688	546 ✓					BM 28-17 M416 FLORENCE & CENTINELA AVE SEE FB 1351-17

F.B. 2826 PG. 38 JOB NO. 0301.02

SURVEY OF C. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED B. E. OTT DATE

WEATHER Sunny/windy INST. NO. 75234

TIME 1:45 to 2:30 ROD NO. 95E96

NOTES CHKD. DATE

76P5268 CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C. GUIZADO

NOTES BY C.S. VALDEZ DATE 8-12-60 WEATHER CLEAR & SUNNY

INDEXED H.E. OIL DATE TIME DIST. NO. 03

NOTES CHKD. DATE ROD NO. 15591

F.B. 28826 PG. 39

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS From B.M. #28-19 To B.M. #27-59
B.M. #28-19													B.M. #28-19 (4-415) US 3460
1.	133	648	434	5	157 / 109	48	115	795	416	5	139 / 91	48	FLORENCE AVE & REDONDO BLVD
5-415													Junction & ATSFRY FB 1351-18
2.	094	479	395	5	107 / 81	26	126	201	427	5	140 / 113	27	
R-415													
3.	103	704	404	5	111 / 95	16	151	152	452	5	154 / 143	16	
4.	125	187	426	5	148 / 102	46	171	828	472	5	184 / 138	46	A.L. GOBLE
5.	134	208	435	5	157 / 111	46	164	923	465	5	187 / 141	46	
6.	156	079	457	5	163 / 148	15	157	502	458	5	165 / 149	16	
(4-415)													
7.	132	787	433	5	155 / 109	46	190	152	491	5	213 / 167	46	
8.	127	153	428	5	150 / 103	47	152	098	453	5	175 / 129	46	
9.	083	651	384	5	106 / 60	46	196	281	497	5	219 / 173	46	
10.	120	777	421	5	143 / 97	46	218	860	519	5	241 / 195	46	
11.	111	185	412	5	129 / 93	36	182	665	483	5	200 / 164	36	
12.	146	268	447	5	163 / 129	34	166	337	467	5	183 / 149	34	
TOTAL.	1469	126				452	1993	894				453 / 482 / 905	
							1469	126			METERS		BM 27-59 (A-415) US 3442
							524	768					Crenshaw Blvd & ATSFRY
DIFF/ ELEV.													See FB 1393-51
B.M. #27-59													

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 27-59 TO B.M. # 28-19
B.M. #27-59	163	482	464	5	177 146	33	142	558	443	5	159 125	34	BM 27-59 (A-415) US 3442 CRENSHAW BLVD & AT&SF RY SEE FB 1393-51
2.	184	592	485	5	202 166	36	106	868	407	5	124 88	36	
3.	215	232	516	5	238 192	46	126	907	427	5	149 103	46	
4.	198	525	499	5	221 175	46	091	789	392	5	114 68	46	
5.	158	679	459	5	181 135	46	132	485	433	5	155 109	46	
(L-415) 6. L415	199	744	500	5	222 176	46	135	271	436	5	158 112	46	
7.	154	029	455	5	162 146	16	159	921	460	5	167 151	16	
8.	175	982	476	5	198 152	46	133	352	434	5	156 110	46	
9.	177	178	478	5	200 154	46	145	774	446	5	168 122	46	
(R-415) 10. R415	164	382	465	5	172 156	16	106	446	407	5	114 98	16	
(S-415) 11. S415	122	110	423	5	135 108	27	090	382	391	5	107 77	30	
12.	120	272	421	5	144 96	48	138	201	439	5	162 114	48	
TOTAL	2034	207					1509	954					
	1509	954											
DIFF/ELEV. B.M. #28-19	524	253											BM 28-19 (U-415) US 3460 FLORENCE BLVD & REDONDO BLVD & AT&SF RY SEE FB 1351-18

F.B. 2826 Pg. 40

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES C.G.Y.

INDEXED H. E. OTT DATE

JOB NO. 0301.02

WEATHER SUN & WIND INST. NO. 75234

TIME 1:45 2:30 ROD NO. 95896

NOTES CHKD. DATE

N3

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C. GUIZOOD WEATHER OVERCAST INST. NO. 75254

NOTES BY ACG DATE 8-16-60 TIME 8:50 ROD NO. 95296

INDEXED E.E. OLI DATE NOTES CHKD DATE

F.B. 2826 PG. 41

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 28-19 TO BM 27-59
BM 28-19	128	175	429	5	152 / 104	48	110	364	411	5	134 / 86	48	BM 28-19 (U-415) US 3460
S-415													FLORENCE AVE & REDONDO BLVD
2	097	663	398	5	110 / 84	26	129	322	430	5	143 / 115	28	JUNCTION AT&SFRY FB 1351-18
R-415													
3	107	977	408	5	115 / 99	16	159	330	460	5	167 / 151	16	
4	139	535	440	5	162 / 116	46	178	039	479	5	201 / 155	46	⊼ J.W. LYBRAND
5	128	874	429	5	151 / 105	46	159	066	460	5	182 / 136	46	
6	154	752	455	5	162 / 146	16	160	800	461	5	168 / 152	16	
L-415													L-415
7	140	675	441	5	163 / 117	46	198	058	499	5	221 / 175	46	
8	127	098	428	5	150 / 104	46	158	881	459	5	181 / 135	46	
9	090	969	391	5	113 / 67	46	197	299	498	5	220 / 174	46	
10	124	163	425	5	147 / 101	46	214	430	515	5	237 / 191	46	
11	105	531	406	5	121 / 87	34	185	561	486	5	201 / 167	34	
12	151	562	452	5	168 / 134	34	170	352	471	5	187 / 153	34	
TOTAL	1496	974					2021	502					
							1496	974					
DIFF/ELEV							524	528					BM 27-59 (A-415) US 3442
BM 27-59													CRENSHAW BLVD & AT&SFRY
													SEE FB 1393-51

F.B. 2826 Pg. 42 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

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

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

76P526B CE # 308 8-59

PLEASE RETURN TO

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY A.L. GUIZADO WEATHER Sunny & Clear INST. NO. N3-75234

NOTES BY L.G. VALDEZ DATE 8-12-60 TIME 10:15 11:00 ROD NO. 95896

INDEXED H.E. OU DATE NOTES CHKD. DATE

F.B. 2826 Pg. 43

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. #27-59 TO B.M. #28-20
B.M. #27-59.													B.M. #27-59 (A 415) US 3442
	091	385	392	5	104 / 78	26	120	677	421	5	133 / 107	26	CRENSHAW BLVD & AT&SF RY.
							091	385	✓				SEE FB 1393-51
DIFF/ELEV.							29	292	✓ = .961		Feet		
B.M. #27-60.													B.M. #27-60 (Z-414) US 3441
1.	075	132	376	5	85 / 65	20	156	355	457	5	166 / 146	20	AT&SF RY BETWEEN W 67th ST & CRENSHAW BLVD SEE FB 1393-5
2.	106	858	407	5	129 / 83	46	213	511	514	5	236 / 190	46	
3.	112	370	413	5	135 / 89	46	181	131	482	5	204 / 158	46	
4.	130	455	431	5	153 / 107	46	173	792	474	5	196 / 150	46	
5.	123	332	424	5	146 / 100	46	143	028	444	5	166 / 120	46	⊼ A.L. GOBLE WILD N3-75234
6.	095	438	396	5	118 / 72	46	199	879	500	5	222 / 176	46	
(P-414) 7.	125	241	426	5	148 / 102	46	224	280	525	5	247 / 201	46	
8.	108	395	409	5	122 / 94	28	164	929	465	5	178 / 150	28	
(N-414) 9.	119	877	420	5	139 / 99	40	188	758	489	5	208 / 168	40	
(M-414) 10.	130	371	431	5	149 / 110	39	185	498	486	5	204 / 166	38	
(I-414) 11.	124	379	425	5	143 / 104	39	182	888	483	5	201 / 163	39	
TOTAL	1251	848	✓			442	2014	049	✗			441	✓ BM 28-20 (K-414) US 3427
							1251	848	✓			442	HYDE PARK BLVD & 4th AVE &
DIFF. ELEV.							762	201	✓			883	AT&SF RY; FB 1354-7
B.M. #28-20													

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M.# 28-20 TO B.M.# 27-59
B.M.# 28-20	181	008	482	5	200 / 162	38	122	604	423	5	141 / 103	38	B.M.# 28-20 (K-414) US 3427
(I-414) 2.	183	972	484	5	202 / 164	36	128	812	429	5	147 / 108	39	HYDE PARK BLVD & 4TH AVE & ATESF RY SEE FB1354-7
(M-414) 3.	184	666	485	5	203 / 164	39	115	849	416	5	135 / 95	40	
(N-414) 4.	168	839	469	5	183 / 153	30	112	263	413	5	125 / 99	26	
(P 414) 5.	226	358	527	5	249 / 203	46	108	011	409	5	131 / 85	46	
6.	178	415	479	5	201 / 155	46	092	506	393	5	115 / 69	46	
7.	149	101	450	5	172 / 126	46	130	391	431	5	153 / 107	46	
8.	174	689	475	5	197 / 151	46	130	638	431	5	153 / 107	46	
9.	179	797	480	5	202 / 156	46	111	291	412	5	134 / 88	46	
10.	212	660	513	5	235 / 189	46	105	351	406	5	128 / 82	46	
11.	158	087	459	5	167 / 148	19	077	766	378	5	87 / 67	20	
TOTAL	1997	592	✓			438	1235	487	✓			439	✓
	1235	487	✓									438	✓
DIFF/ELEV.	762	105	✓									877	
B.M.# 27-60	121	908	422	5	134 / 108	26	092	601	393	5	105 / 79	26	B.M.# 27-60 (Z-414) US 3441 SEE PREVIOUS PG
	092	601	✓										
	29	307	✓	= .962 Feet									
BM 27-59													B.M. 27-59 (A-415) US 3442 SEE PREVIOUS PAGE

F.B. 2826 Pg. 44

JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES C.G. VALDEZ

INDEXED B.E. OTT DATE

WEATHER Sunny & Clear INST. NO. N3-75234

TIME 1. ROD NO. 75 & 76

NOTES CHKD. DATE

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. #28-20 TO B.M. #28-21
B.M. #28-20													B.M. #28-20 (K-414) US 3427
1.	149	172	450	5	172 / 126	46	146	710	447	5	169 / 123	46	HYDE PARK BLVD & 4th AVE & AT&SF RY. SEE FB 1354-7
2.	171	712	472	5	194 / 148	46	161	088	462	5	184 / 138	46	
3.	163	391	464	5	186 / 140	46	155	283	456	5	178 / 132	46	
4.	148	230	449	5	171 / 124	46	149	155	450	5	172 / 126	46	
5	178	459	479	5	201 / 155	46	137	321	438	5	160 / 114	46	⊼ A.L. GOBLE WILD N3-75234
6.	119	135	420	5	141 / 98	43	198	041	499	5	220 / 176	44	
TOTAL.	930	099	✓			273	947	598	✓			274	✓
							930	099	✓			273	✓
DIFF/ELEV.							17	499	✓			547	✓
B.M. #28-21													B.M. #28-21 (C-414) US 3420 HAAS AVE & AT&SF RY SEE FB 1354-8

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

SURVEY BY A.C. GUIZARD WEATHER SUNNY & CLEAR INST. NO. N3-75234

NOTES BY C.G. VALDEZ DATE 8-12-60 TIME 11:05 ROD NO. 95 & 96

INDEXED S.E. OTT DATE NOTES CHKD. DATE

F.B. 2826 Pg. 45

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER _____ INST. NO. _____
TIME 11:15 11:35 ROD NO. _____
NOTES CHKD. _____ DATE _____

F.B. 2826 PG. 46 L. A. CO. PRECISE LEVEL NET JOB NO. _____

SURVEY OF _____ NOTES _____
SURVEY BY H. E. Ott DATE _____
INDEXED _____

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-21 TO BM 28-20
B.M. #28-21													BM 28-21 (C-414) US 3420
1.	212	631	513	5	234 190	44	132	243	433	5	154 110	44	HAAS AVE & AT&SF RY
													SEE FB 1354-8
2.	133	592	434	5	156 110	46	176	248	477	5	199 153	46	
3.	150	317	451	5	173 127	46	148	378	449	5	171 125	46	
4.	146	958	447	5	169 123	46	141	612	442	5	165 117	48	
5.	147	808	448	5	171 123	48	172	867	473	5	175 129	46	
6.	148	588	449	5	171 125	46	151	021	452	5	174 128	46	
TOTAL.	939	894				276	922	869				276	
	922	869										276	
DIFF/ELEV.	17	025										552	
B.M. #28-20													BM 28-20 (K-414) US 3427
													4th AVE & AT&SF RY
													SEE FB 1354-7

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C. GUIZADO WEATHER Sunny INST. NO. 3234

NOTES BY ACG DATE 8-16-60 TIME 10:15-10:45 ROD NO. 95496

INDEXED H. E. JIT DATE NOTES CHKD DATE

F.B. 2826 PG. 47

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 28-20 TO BM 28-21
BM 28-20													BM 28-20 (K-414) US 3427
1	153	406	454	5	176 / 130	46	154	540	455	5	177 / 131	46	AT&SF RY & 4th AVE
													SEE FB 1354-7
2	179	413	480	5	202 / 156	46	166	083	467	5	189 / 143	46	
3	176	799	477	5	200 / 152	48	167	261	468	5	191 / 143	48	↑ J.W. LYBRAND
4	150	906	451	5	174 / 126	48	152	159	453	5	175 / 129	46	
5	180	499	481	5	203 / 157	46	138	632	439	5	161 / 115	46	
6	136	617	437	5	157 / 115	42	216	290	517	5	238 / 194	44	
TOTAL	977	640	✓				994	965	✓				
							977	640	✓				
DIFF/ELEV							17	325	✓				
BM 28-21													BM 28-21 (C-414) US 3420
													HAAS AVE & AT&SF RY
													SEE FB 1354-8

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2826 PG. 48 L. A. CO. PRECISE LEVEL NET 0301.02

SURVEY OF ACG NOTES ACG

SURVEY BY ACG NOTES ACG

INDEXED H. E. OTT DATE

WEATHER SUNNY INST. NO. 15 2236

TIME 10:45 ROD NO. 9 5 8 2

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 28-21 TO BM 28-20
BM 28-21													BM 28-21 (C-814) US 3420
1	219	548	520	5	241 / 197	44	141	914	442	5	162 / 120	42	HAAS AVE & ATESF RY
													SEE FB 1354-8
2	140	473	441	5	162 / 118	44	181	681	482	5	204 / 158	46	
3	154	211	455	5	177 / 131	46	151	109	452	5	174 / 128	46	
4	151	848	452	5	174 / 128	46	161	468	462	5	184 / 138	46	
5	168	496	469	5	192 / 144	48	179	643	480	5	202 / 156	46	
6	156	009	457	5	178 / 134	44	157	374	458	5	181 / 133	48	
TOTAL	990	585 ✓					973	189 ✓					
	973	189 ✓											
DIFF/ELEV	17	396 ✓											
BM 28-20													BM 28-20 (K-414) US 3427
													4TH AVE. & ATESF RRY.
													SEE FB 1354-7

76P526B CE # 308 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C. GUIZADO WEATHER Sunshiny INST. NO. 75234

NOTES BY ACG DATE 8-16-60 TIME 1115- ROD NO. 9586

INDEXED H. E. OTT DATE NOTES CHKD. DATE

F.B. 2826 Pg. 49

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 28-21 TO BM 28-22
BM 28-21	206	151	507	5	229 / 183	46	155	583	456	5	178 / 132	46	BM 28-21 (C-414) US3420
2	165	398	466	5	188 / 142	46	152	914	453	5	175 / 129	46	HAAS AVE & AT&SF RY SEE FB 1354-8
3	156	344	457	5	179 / 133	46	159	384	460	5	182 / 136	46	
4	158	023	459	5	181 / 135	46	142	198	443	5	165 / 119	46	⊼ J. W. LYBRAND
5	148	383	449	5	171 / 125	46	167	948	468	5	190 / 144	46	
6	132	831	433	5	155 / 108	46	148	165	449	5	171 / 125	46	
7	145	164	446	5	168 / 122	46	140	252	441	5	163 / 117	46	
8	160	755	461	5	183 / 137	46	155	640	456	5	178 / 132	46	SUMMATION OF RUN
9	139	058	440	5	162 / 116	46	150	408	451	5	173 / 127	46	TOTAL BACKSIGHTS = +2210.647
													" FORESIGHTS = -2163.252
10	154	412	455	5	177 / 131	46	138	019	439	5	161 / 115	46	DIFF/ELEV = + 47.395
11	174	451	475	5	197 / 151	46	147	872	448	5	170 / 124	46	
12	146	377	447	5	169 / 123	46	176	179	477	5	199 / 153	46	
13	167	751	468	5	190 / 144	46	176	486	477	5	199 / 153	46	
14	155	549	456	5	167 / 143	24	152	204	453	5	164 / 140	24	BM 28-22 (Q413) ING L-2A
TO TPL BM 28-22	2210	647	—			622	2163	252	—		METERS	622 / 622 / 1244	SLAUSON & DENKER AVE & AT&SF RY SEE FB 1354-9

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-22 TO BM 28-21
BM 28-22	151	351	452	5	163 / 134	24	154	967	455	5	166 / 142	24	BM 28-22 (Q-413) INGL-2A
2	180	658	481	5	203 / 157	46	171	621	472	5	194 / 148	46	DENKER & SLAUSON AVE & AT&SF RY SEE FB 1354-9
3	176	199	477	5	199 / 153	46	145	891	446	5	168 / 122	46	
4	135	024	436	5	158 / 112	46	161	801	462	5	184 / 138	46	
5	134	349	435	5	157 / 111	46	151	009	452	5	174 / 128	46	
6	151	589	452	5	174 / 128	46	141	312	442	5	164 / 118	46	
7	151	548	452	5	174 / 128	46	154	539	455	5	177 / 131	46	SUMMATION OF RUN
8	142	423	443	5	165 / 119	46	148	536	449	5	171 / 125	46	TOTAL BACKSIGHTS = +2149.638 ✓
9	149	171	450	5	172 / 126	46	133	841	434	5	156 / 110	46	" FORESIGHTS = -2196.731 ✓
10	170	730	471	5	193 / 147	46	150	848	451	5	172 / 127	45	DIFF/ELEV = -47.093 ✓
11	152	258	453	5	175 / 129	46	168	059	469	5	191 / 145	46	
12	161	788	462	5	184 / 138	46	157	411	458	5	180 / 134	46	
13	152	292	453	5	175 / 129	46	158	949	459	5	181 / 135	46	
14	140	258	441	5	163 / 117	46	197	947	498	5	220 / 174	46	BM 28-21 (C-414) US 3420 HAAS AVE & AT&SF RY SEE FB 1354-8
TOTAL BM 28-21	2149	638 ✓					2196	731 ✓					

WEATHER SUN & WINDY INST. NO. 75234

TIME 2:25 ROD NO. 75896

NOTES CHKD. DATE

JOB NO. 0301.02

SURVEY OF C. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED B. E. OTT DATE

F.B. 2826 PG. 50

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 28-22 TO BM 28-24
BM28-22													BM 28-22 (Q-413) US 3408
1	160	756	461	5	184 / 135	49	153	831	454	5	178 / 128	50	SLAUSON AVE & AT&SF Ry &
2	181	553	482	5	205 / 158	47	132	701	433	5	156 / 109	47	DENKER AVE SEE F.B. 13549 FOR DES.
3	177	398	478	5	201 / 153	48	155	386	456	5	178 / 132	46	
4	151	047	452	5	174 / 128	46	158	510	459	5	182 / 135	47	⊼ C G VALDEZ
5	154	469	455	5	168 / 140	28	179	618	480	5	197 / 165	28	
TOTAL	825	223	CM			218	780	046	CM			218	
	780	046										218	
Diff in Elev	45	177										436	Meters City of L.A.
TBM													TBM "Watts A-2 Ecc" 1
1	211	970	512	5	225 / 197	28	154	515	455	5	172 / 137	35	SLAUSON & NORMANDIE AVE
2	168	655	469	5	192 / 144	48	149	850	450	5	171 / 127	44	1.5 ft E. & NORMANDIE AVE & 11.5 N. OF N. cb LINE SLAUSON AVE
3	171	881	472	5	194 / 148	46	148	469	449	5	171 / 125	46	Fd HEX BAR dn 14" & UNDER COVER MK'D "City of L.A. ENGR."
4	164	457	465	5	187 / 141	46	141	873	442	5	164 / 118	46	
5	169	341	470	5	191 / 146	45	145	238	446	5	168 / 122	46	
6	167	980	468	5	191 / 144	47	144	559	445	5	166 / 121	45	
7	164	685	465	5	187 / 141	46	145	081	446	5	168 / 122	46	
SUB TOTAL	1218	969	CM			304 / 300	1029	585	CM			308	

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

SURVEY BY A C GUIZADO WEATHER CLEAR & COOL INST. NO. 375230

NOTES BY A L G DATE 8-17-60 TIME 9:15 To 10:00 ROD NO. 95 & 96

INDEXED H & ON DATE NOTES CHKD. DATE

F.B. 2826 Pg. 51

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-22 TO BM 28-24
SUBTOTAL	1218	969	CM			304	1029	585	CM			308	
8	169	876	470	5	193 146	47	142	818	443	5	165 119	46	
9	172	151	473	5	195 149	46	149	314	450	5	171 126	45	
10	153	519	454	5	171 135	36	150	357	451	5	168 133	35	
11	127	700	428	5	131 124	7	082	393	—		86 78	8	
TOTAL	1842	215	CM			440	1554	367	CM			442	
	1554	367										440	
DIFF IN ELEV	~~287~~	~~848~~										882	METERS
BM 28-24	287	748											BM 28-24 (B-778) US 4065 SLAUSON AVE & VERMONT AVE SEE F.B. 1354-11 FOR [illegible] CITY OF LA BM #18-14450

F.B. 2826 PG. 52 JOB NO. 0301.62

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG

INDEXED H. E. OTT DATE 8-17-60

WEATHER CLEAR & COOL INST. NO. 75234

TIME 9:15 TO 1000 ROD NO. 95 & 96

NOTES CHKD. DATE

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.L.G. GULK & ROO WEATHER CLEAR & COOL INST. NO. 75 135

NOTES BY H.E. OTT DATE 8-17-60 TIME 1205 ROD NO. 95496

INDEXED DATE NOTES CHKD. DATE

F.B. 2826 PG. 53

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM 28-24 TO BM 22
BM 28-24													BM 28-24 (B-778) US 4065'
1	081	666	—		84 / 77	7	126	971	427	5	136 / 123	7	SLAUSON AVE &
													VERMONT AVE
2	148	788	449	5	166 / 131	35	151	992	452	5	169 / 133	36	SEE F.B. 1354-11 FOR DES
													CITY OF LA BM # 18 14450
3	150	180	451	5	173 / 127	46	173	305	474	5	196 / 150	46	
4	143	957	444	5	166 / 120	46	170	688	471	5	193 / 147	46	
5	147	171	448	5	170 / 124	46	166	712	467	5	189 / 143	46	
6	145	733	446	5	168 / 122	46	169	121	470	5	192 / 146	46	
7	144	132	445	5	167 / 121	46	166	768	467	5	189 / 141	48	
8	139	911	440	5	162 / 116	46	163	912	464	5	186 / 140	46	
9	147	330	448	5	170 / 124	46	169	901	470	5	192 / 146	46	
10	148	139	449	5	171 / 125	46	167	955	468	5	190 / 144	46	
	154	480	455	5	171 / 137	34	211	933	512	5	226 / 196	30	
	1551	493	CM				1839	258	CM				
							1551	493					
							287	765	CM				
Diff in Elev TBM													CITY OF LA "Watts A-2 Ecc #1"
													TBM (HEX BAR on 12")
													115' N. of N. cb Slauson Ave & 15' E of
													NORMANDIE AVE ℄

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-24 TO BM 28-22
TBM													
1	176	621	477	5	180 / 162	28	153	253	454	5	167 / 139	28	
2	158	024	459	5	182 / 135	47	157	777	458	5	180 / 134	46	
3	163	541	464	5	187 / 140	47	176	784	477	5	199 / 152	47	
4	131	528	432	5	155 / 108	47	180	385	481	5	204 / 157	47	
5	154	400	455	5	179 / 129	50	161	231	462	5	186 / 136	50	
TOTAL	784	114	CM				829	430	CM				
							784	114	—				
DIFF IN ELEV BM 28-22							45	316	CM				BM 28-22 (B-778) US 4065 SLAUSON & VERMONT AVE SEE FB1354-11

F.B. 2826 PG. 54 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG

INDEXED H. E. OTT DATE 8-17-60

WEATHER CLEAR INST. NO. 75234

TIME 10:05 AM ROD NO. 95891

NOTES CHKD DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 28-24 TO BM 28-26
BM 28-24									BM 28-24 [illegible] 8-7 [illegible]
1	[illegible]	579	377	88 63 25	115	747	416 5	128 102 26	[illegible] & SLAUSON
2	166	661	467	189 143 46	141	929	442	118 [illegible] 46	
3	[illegible]	[illegible]	478 5	[illegible] 46	126	183	427	149 103 46	
4	74	[illegible]	475 5	197 151 46	130	509	451	173 127 46	
5	[illegible]	[illegible]	[illegible] 5	[illegible]	151	171	452	[illegible] 13 40	⊼ LYBRAND
	67	[illegible]	[illegible] 5	[illegible] 229	143	786	[illegible] 5	155 131 24	
707.[illegible]	[illegible]	282			829	325		228 229	
[illegible]	829	325						457	METERS
[illegible]	106	957							
BM 28-26									BM 28-[illegible] 3
1	[illegible]	[illegible]	[illegible] 5	[illegible]	[illegible]	[illegible]	[illegible] 5	189 [illegible]	ON SLAUSON [illegible]
2	[illegible]	[illegible]	[illegible] 5	175 171 4 24	017	106	415 5	11 15 4	SEE FB 1354-12
[illegible]	327	[illegible]			196	610		24 24	
[illegible]	[illegible]	[illegible]						48	
[illegible]	131	[illegible]						505	TOTAL METERS
BM 28-26									BM 28-26 (USC&GS) C-778 (USA[illegible])
									BONSALLO & SLAUSON
									SEE FB 1354-12

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

SURVEY BY L.A. CO. PRECISE LEVEL NET ACG WEATHER 5000 INST. NO. 23234

NOTES BY [illegible] DATE 8-30-60 TIME 9:14 9:55 ROD NO. 25296

INDEXED M. E. OTT DATE [illegible] NOTES CHKD. L. Miller DATE 10-9-60

F.B. 2876 Pg. 55

F.B. 2826 PG. 56 JOB NO. 0301.02

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

SURVEY BY A.C.C. NOTES R.C.

INDEXED H. E. Ott DATE 8-30-60

WEATHER Good INST. NO. N3 73234

TIME 11:15 11:50 ROD NO. 95 & 96

NOTES CHKD J Miller DATE 10-4-60

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS From BM 23-26 To BM [illegible]
BM 23-26													BM 23-26 [illegible]
1	[illegible]	305	[illegible]	5	15 12	[illegible]	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	[illegible]
													[illegible] 1354-12
2	[illegible]	235	[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	
Total	[illegible]	933					303	[illegible]				[illegible]	
Diff. [illegible]							[illegible]	933				[illegible]	
[illegible]							130	934				[illegible]	Meters
B.M. 25-26													B.M. 23-26 [illegible] (3-213)
1	[illegible]	[illegible]	[illegible]	5	[illegible]	24	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	42	[illegible] F.B. 1354-12
3	125	325	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	127		123	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	T [illegible]
[illegible]	131	331	432		[illegible]	[illegible]	161	[illegible]	[illegible]		[illegible]	[illegible]	
[illegible]	125	6[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		337		[illegible]	26	
[illegible]	316	[illegible]					[illegible]	[illegible]					
[illegible]													
[illegible]													
[illegible]													B.M. [illegible] (8-776)
						230						228	[illegible]
												230	[illegible]
												458	Meters

76P526B CE # 308 6-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 28-22 TO BM 28-28
BM 28-26													BM 28-26 (C-778) US 4063
	327	[illegible]	[illegible]	5	[illegible]	35	30	[illegible]	[illegible]	5	[illegible]	12	BOULEVARD & [illegible]
													SEE FB 1354-12
2	162	561	163	5	188 / 127	42	40	737	[illegible]	5	[illegible]	12	
3	172	128	213	5	186 / [illegible]	49	[illegible]	51	188	5	[illegible]	15	
4	155	835	156	5	176 / 134	42	167	752	168	5	188 / [illegible]	12	
5	181	040	482	5	[illegible]	20	149	082	480	5	[illegible]	20	T 21588.12
6	[illegible]	288	[illegible]	5	184 / 138	46	45	026	440	5	168 / [illegible]	26	
7	176	354	477	5	189 / 152	47	[illegible]	209	[illegible]	5	[illegible]	[illegible]	
8	146	104	[illegible]	5	159 / 123	46	135	582	136	5	159 / 112	46	
9	151	88	482	5	[illegible] / 131	[illegible]	121	767	[illegible]	5	142 / 100	42	
10	[illegible]	688	465	5	168 / [illegible]	38	244	524	345	5	[illegible] / 75	[illegible]	
TOTAL	1503	972				370	1358	022				370 / 370 / 740	METERS
DIFF.	1318	[illegible]											
ELEV.	145	950											
BM 28-28													BM 28-28 (D-778) US 4063
													SLAUSON & BROADWAY
													SEE FB 1354-14

JOB NO. 0301.02 SURVEY BY L.A. CO. PRECISE LEVEL NET NOTES BY C. Gallardo WEATHER Clear INST. NO. 22234

INDEXED DATE NOTES CHKD. J. Mikeldate ROD NO. 35-192

F.B. 1354 PG. 57

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2826 Pg. 58

SURVEY OF L.A. CO. PRECISE LEVEL NF

SURVEY BY Hill NOTES E.G.

INDEXED H.E. Ott DATE 2-30-60

JOB NO. 030102

WEATHER Good TIME 10:40 / 1:15 NOTES CHKD Miller

INST. NO. 75234 ROD NO. 55276 DATE 10-4-60

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 28-28 TO BM 28-28
BM 28-28													BM 28-28 (D-778) US 4063
1	039	922	346	4	48 / 52	8	00	748	441	5	144 / 156	8	SCHAISON & BROADWAY
2	122	713	423	5	142 / 152	40	52	347	453	5	172 / 182	40	SEE FB 2826-4
3	133	352	431	5	170 / 180	40	48	509	442	5	196 / 200	40	
4	120	420	4[illegible]	5	158 / 168	40	78	015	474	5	201 / 212	46	
5	44	406	[illegible]	5	180 / 192	47	70	700	[illegible]	5	209 / 227	46	T 1158410
6	145	621	429	5	158 / 138	20	179	779	480	5	154 / 132	21	
7	167	621	438	5	190 / 142	42	165	737	486	5	179 / 192	12	
8	150	584	431	5	170 / 136	48	7	057	477	5	185 / 137	48	
9	148	659	422	5	160 / 172	12	164	209	465	5	131 / 143	12	
10	150	3[illegible]	[illegible]	5	[illegible]	[illegible]	07[illegible]	[illegible]	370	5	226 / 221	30	
TOTAL	1352	0991					497	525					
DIFF.							384	094					
ELEV.							113	126					
BM 28-26													BM 25-26 (D-778) US 4064
						369						370	BONSALLO & SCHAISON
												369	SEE FB 1854-12
												439	Meters

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-28 TO [illegible]
BM 28-28													BM 28-28 [illegible]
1	040	364	341	5	44 36	8	160	932	461	5	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	467	[illegible]	[illegible]	[illegible]	144	556	445	[illegible]	168 120	48	
3	150	[illegible]	[illegible]	5	174 [illegible]	48	138	[illegible]	43[illegible]	[illegible]	[illegible]	49	
4	172	[illegible]	[illegible]	5	[illegible]	15	140	879	441	[illegible]	163 117	46	
5	[illegible]	227	457	5	[illegible]	[illegible]	147	427	4[illegible]		[illegible] 124	46	[illegible]
6	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	157	984	455	[illegible]	164 150	14	
7	108	[illegible]	[illegible]	5	[illegible]	28	083	44[illegible]	38[illegible]	5	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	✓			213	973	362	✓			[illegible]	✓
[illegible]						3	[illegible]	609				[illegible]	
BM 28-29							17	753	✓			449	BM 28-29 [illegible]
												479	[illegible] MAIN ST.
						238							SEE F.B. 1354-15

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

SURVEY BY L.A. CO. PRECISE LEVEL NET AC GUIZADO WEATHER [illegible] INST. NO. [illegible]

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

INDEXED [illegible] DATE [illegible] NOTES CHKD. [illegible] DATE 10.4.68

F.B. 2826 Pg. [illegible]

F.B. 2826 Pg. 60

JOB NO. [illegible]

SURVEY OF CX CO. PRECISE LEVEL NF

SURVEY BY [illegible] NOTES [illegible]

INDEXED H. E. OD DATE 8-31-60

WEATHER Good INST. NO. [illegible]

TIME [illegible] ROD NO. [illegible]

NOTES CHKD. J. Miller DATE 10-4-60

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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 [illegible] TO [illegible]

F.B. 2826 Pg 61

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

SURVEY BY L. A. CO. PRECISE LEVEL NET A C Guizado WEATHER [illegible] INST. NO. N3 75234

NOTES BY [illegible] DATE [illegible] TIME [illegible] ROD NO. 95896

INDEXED H. E. OTT DATE NOTES CHKD. J Miller DATE 10-4-60

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

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

Do not extend notes this side of this line.

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

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 32232 ROD NO. 28-296

WEATHER Fair TIME 1:00 - 1:45 PM NOTES CHKD. J. Miller DATE 10-4-60

F.B. 3826 PG. 62 JOB NO. 0301.02

SURVEY OF L.A. CO. FLOOD CONTROL DIST.

SURVEY BY ALGUIRRE & NOTES LYBRAND

INDEXED DATE AUG 31 1960

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM-28-29 TO BM 28-28
BM-28-29													BM 28-29 U.S.C & G.S. 5-778
1	084	662	—	5	97 71	26	106	737	407	5	120 92	28	Slauson & Main St.
													See F.B 1354-15
2	137	872	438	5	144 130	14	141	849	442	5	148 134	14	
3	141	457	442	5	164 117	46	152	978	453	5	175 129	46	
4	139	923	440	5	143 [illegible]	46	169	503	470	5	192 146	46	
5	137	547	438	5	160 114	46	149	841	450	5	172 126	46	
6	139	023	440	5	162 116	46	161	098	462	5	184 138	46	π R. Gon
7	156	798	457	5	169 152	08	037	293	—		941 833	08	
Total	939	082				238	919	339				234	
Bkg Elev.	919	339										232	
	17	743										466	
BM 28-28													D-778
													B.M. 28-28 U.S.C & G.S.
													Slauson & Broadway St.
													See F.B. 1354-14

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 28-29 TO B.M. 28-30
B.M. 28-29													B.M. 28-29 USE [illegible]
1	083	090	382	5	98 / 68	30	104	713	[illegible]	5	17 / [illegible]	26	SLAUSON [illegible]
2	185	[illegible]	[illegible]	5	208 / 161	47	147	209	[illegible]	5	170 / 121	46	
3	[illegible]	[illegible]	[illegible]	5	215 / 171	44	17[illegible]	[illegible]	[illegible]	5	[illegible] / [illegible]	50	
4	150	659	451	5	174 / 126	48	151	688	457	5	174 / 128	46	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	5	[illegible]	46	136	360	437	5	[illegible] / [illegible]	47	
6	176	[illegible]	[illegible]	5	[illegible]	46	148	32[illegible]	449	5	171 / 125	46	
7	170	[illegible]	[illegible]	5	[illegible]	46	[illegible]	[illegible]	[illegible]	5	162 / 116	46	
8	153	[illegible]	[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]	421	5	[illegible] / [illegible]	[illegible]	
9	137	[illegible]	[illegible]	5	[illegible] / 164	46	127	343	422	5	150 / 104	4[illegible]	
TOTAL	1479	[illegible]				399	1247	412				400	
DIFF. IN	[illegible]	412										399	
ELEV.	[illegible]	[illegible]										799	
B.M. 28-30													B.M. 28-30 [illegible] SLAUSON & AVALON [illegible]

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

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

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

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

F.B. 2826 Pg. 63

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER [illegible] INST. NO. 13-25734

TIME 2:55-3:35 ROD NO. 25596

NOTES CHKD J. Miller DATE 10-9-60

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM [illegible] TO [illegible]
B.M. 23-30									B.M. 23-30 [illegible]
1	124	128	424	15[illegible]	[illegible]	[illegible]	494	[illegible]	[illegible]
2	122	501	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77 [illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	157	750	[illegible]	[illegible]	
4	135	665	[illegible]	[illegible]	[illegible]	174	473	124 129	
5	57	923	428	150 164	177	320	[illegible]	146 148	
6	58	825	359	[illegible]	[illegible]	89	[illegible]	174 [illegible]	T [illegible]
7	162	57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
8	157	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
9	109	[illegible]	490	[illegible] 40	[illegible]	[illegible]	[illegible]	[illegible]	
TOTAL	[illegible]	[illegible]	✓		[illegible]	86			
DIFF.						[illegible]			
ELEV						[illegible]			
B.M. 23-29						2		394	B.M. 23-29 [illegible] (S-728)
				394				394	[illegible]
								788	[illegible] 15

F.B. 2826 Pg. 69

SURVEY OF L.A. CO. PRECISE LEVEL NF

JOB NO. 0301.02

SURVEY BY [illegible] NOTES [illegible]

INDEXED [illegible] DATE 8-30-66

76P526B CE # 306 6-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY L.A. CO. PRECISE LEVEL NET A.C. GUERRA WEATHER Fair INST. NO. 1514

NOTES BY M. VERRANO DATE Aug. 31 1960 TIME 2:00 PM to 2:30 ROD NO. 01-52

INDEXED B.E. OIL DATE NOTES CHKD. L. Williams DATE 10-46

F.B. 2826 PG. 85

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left		BACKSIGHT Stadia		FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left		FORESIGHT Stadia		DESCRIPTION AND REMARKS From B.M. 28-30 To B.M. 28-31
B.M. 28-30													B.M. 28-30 (U.S.C. & G.S. T-412)
1	173	982	474	5	196 150	46	136	678	437	5	159 113	46	Slauson Ave & Avalon Blvd.
													See F.B. 1354-16
2	175	318	476	5	198 152	46	139	288	440	5	162 116	46	
3	157	151	468	5	180 134	46	142	573	443	5	165 119	46	
4	164	380	465	5	187 141	46	157	759	458	5	180 134	46	
5	158	722	459	5	181 135	46	144	993	445	5	167 121	46	T A. Goble
6	160	205	461	5	183 137	46	142	037	443	5	165 119	46	
7	166	369	467	5	189 143	46	137	133	438	5	160 114	46	
8	167	282	468	5	190 144	46	178	860	479	5	201 155	46	
9	124	662	425	5	147 101	46	144	407	495	5	167 121	46	
10	147	962	448	5	150 104	6	094	944		5	98 91	7	
Total	1596	033				420	1418	672				421	
Diff. in	1418	672										420	
Elev.	177	361										841	
B.M. 28-31		6											B.M. 28-31 (U.S.C. & G.S. F-778)
													Slauson Ave. & Central Blvd.
													See F.B. 1354-17

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Good INST. NO. 235239
TIME 2:57 to 3:45 ROD NO. 25-E-96
NOTES CHKD. L. Miller DATE 10-4-60

LOS NO. 030102
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Cruzado NOTES Kyerand
INDEXED H.E. Ott DATE Aug 31, 1960

F.B. 3826 Pg. 66

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left		BACKSIGHT Stadia		FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left		FORESIGHT Stadia		DESCRIPTION AND REMARKS From BM 28-31 To BM 28-30
BM. 28-31													BM. 28-31 (U.S.C. & G.S. F 778)
1	090	420			93 / 86	7	143	570	444	5	142 / 136	7	S/ausan Ave & Central Ave
													See F.B. 1354-17
2	149	410	460	5	172 / 126	46	136	492	437	5	159 / 113	46	
3	185	107	486	5	208 / 162	46	167	522	468	5	190 / 144	46	
4	143	159	444	5	166 / 120	46	171	357	472	5	194 / 148	46	
5	142	486	443	5	165 / 119	46	161	247	462	5	184 / 138	46	
6	145	295	446	5	168 / 122	46	159	080	460	5	182 / 136	46	
7	154	231	455	5	177 / 131	46	168	483	469	5	191 / 145	46	T. A. Goble
8	145	095	446	5	168 / 122	46	150	933	451	5	173 / 127	46	
9	146	431	447	5	169 / 123	46	182	247	483	5	205 / 159	46	
10	136	148	437	5	159 / 113	46	174	607	475	5	197 / 151	46	
Total	1437	782	M				1615	475	CM				
Diff in elev.							1437	782					
							177	693	CM				
BM. 28-30													BM. 28-30 (U.S.C. & G.S. T 412)
													S/ausan Ave & Avalon Blvd.
													See F.B. 1354-16

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-31 TO BM 28-32
B.M. 28-31													BM 28-31 (F-778) (05406)
1	093	327	—		96 / 89	7	140	941	441	5	143 / 136	7	SLAUSON AVE &
													CENTRAL AVE
2	122	053	423	5	145 / 99	46	141	132	442	5	[illegible]	[illegible]	SEE FB 1354-17
3	147	842	448		171 / 123	48	146	033	447	5	173 / 123	46	
4	173	231	474	5	196 / 150	46	143	323	444	5	166 / 120	46	
5	158	833	459	5	181 / 135	46	134	918	435	5	157 / 111	46	
6	170	323	471	5	192 / 148	44	225	328	426	5	247 / 203	44	⊼ BROWN
7	154	193	455	5	178 / 131	47	137	423	438	5	162 / 114	48	
8	154	111	455	5	177 / 131	46	139	095	440	5	162 / 116	46	
9	161	451	462	5	194 / 138	46	130	011	431	5	154 / 106	48	
10	150	471	446	5	180 / 131	47	150	161	451	5	174 / 126	48	
[illegible]	1491	997	CM				1486	147	CM				
	1488	147											
[illegible]	3	850				423						423	
BM 28-32												423	BM 28-32
												846	SLAUSON AVE &
													COMPTON AVE
													SEE FB 1354-18

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

SURVEY BY L.A. CO. PRECISE LEVEL NET [illegible] WEATHER [illegible] INST. NO. [illegible]

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

INDEXED B.E. [illegible] DATE [illegible] NOTES CHKD. [illegible] DATE 1046

F.B. 2826

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3826 Pg. 68

SURVEY OF T 4 CO PRECISE LEVEL NET

SURVEY BY Blanchard & Associates

INDEXED H. E. Ott

JOB NO. 0391102

DATE Sept 1950

WEATHER Overcast

TIME 9:15 AM to 9:55

NOTES CHKD J. W. Wells

DATE 10 6 60

INST. NO. 2-3 2-3 3-4

ROD NO. 2-5 8-9

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 28-32 TO BM 28-31
B.M. 28-32													B.M. 28-32
1	144	842	445	5	188	48	130	007	451	5	125 / 126	49	Slauson Ave & Compton Ave
2	133	952	434	5	156 / 110	46	164	253	469	5	187	46	5-- 1.8 [illegible] 9 -
3	136	129	437	5	159 / 112	47	154	712	455	5	138 / 137	47	
4	136	771	439	5	159 / 113	49	148	910	449	5	127 / 125	47	
5	200	297	510	5	227 / 180	[illegible]	[illegible]	398	403	5	149 / 135	44	
6	125	528	436	5	158 / 112	46	[illegible]	709	459	5	151 / 136	46	
7	140	[illegible]	441	5	158 / 113	45	101	142	462	5	159 / 137	45	Ft. S. Gate
8	138	494	439	5	161 / 115	45	148	481	[illegible]	[illegible]	172 / 125	47	
9	148	178	449	5	172 / 129	48	129	405	420	[illegible]	153 / 135	45	
10	143	064	[illegible]	5	146 / 139	[illegible]	[illegible]	383			[illegible]	[illegible]	
Total	1466	808				425	1470	498				429	
P.S.							1466	808				425	
Elev							3	690				849	
BM 28-31													BM 28-31 (U.S.C.&G.S.) Slauson Ave. & Central Ave. See FB 1554

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-31 TO BM 28-3
B.M. 28-31													B.M. 28-31 (F778) (Cos 46)
1	87	460		5	90 / 83	7	135	131	436	5	138 / 131	7	Slauson Ave. & Central Ave
													See F.B. 1354-17
2	121	970	422	5	144 / 98	46	141	228	442	5	164 / 118	46	
3	146	630	447	5	170 / 122	48	140	205	441	5	163 / 116	47	
4	162	797	463	5	185 / 139	46	137	682	438	5	160 / 114	46	
5	149	658	450	5	172 / 126	46	156	181	457	5	179 / 133	46	
6	188	375	489	5	210 / 166	46	209	608	510	5	231 / 187	46	
7	144	140	445	5	167 / 120	47	132	118	433	5	155 / 108	47	
8	155	893	456	5	178 / 132	46	138	309	439	5	161 / 114	47	
9	165	668	466	5	188 / 142	46	142	462	443	5	166 / 119	47	
10	155	648	456	5	179 / 130	49	141	612	442	5	165 / 117	48	
Total	1478	239	/			47	1474	536	/				
	1474	536											
Dist in Elev.	3.	703										427	B.M 28-32
BM 28-32						474						474	Slauson Ave & Compton Ave
													See F.B. 1354-18
												901	Meters

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

SURVEY BY L.A. CO. PRECISE LEVEL NET AC Garzeb WEATHER intermit sun INST. NO. 75-314

NOTES BY J. Lybrand DATE 9-1-60 TIME 11:30 AM to 12:00 ROD NO. 95-596

INDEXED B. E. OTT DATE NOTES CHKD. J. Miller DATE 10-4-60

F.B. 3826 Pg. 69

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 28-32 TO B.M. 28-31
B.M. 28-32													B.M. 28-32
1	150	367	451	5	174 / 126	48	164	633	465	5	185 / 139	49	Slauson Ave & Compton Ave See F.B. 1354-18
2	139	632	440	5	163 / 106	47	162	968	463	5	186 / 139	47	
3	137	959	438	5	166 / 113	47	156	480	457	5	179 / 133	46	
4	139	249	440	5	162 / 115	47	153	888	453	5	176 / 129	47	
5	215	491	516	5	237 / 193	44	188	735	489	5	210 / 166	44	
6	160	132	461	5	183 / 137	46	157	888	458	5	180 / 134	46	T. A. Gable
7	141	473	442	5	164 / 118	46	160	442	461	5	183 / 137	46	
8	135	208	436	5	[illegible]	[illegible]	147	287	448	5	170 / 123	47	
9	143	833	444	5	166 / 120	46	124	359	425	5	147 / 101	46	
10	138	011	439	5	141 / 134	06	090	301			93 / 86	07	
Total	1501	355				433	1505	381				435	
						424	1501	355				425	
Diff in Elev. B.M. 28-31							4	026				424	
												849	Meters. B.M. 28-31 (U.S.C. & G.S. Slauson Ave. & Central Ave See F.B. 1354-17

F.B. 2826 Pg. 70

SURVEY OF C.A. CO. PRECISE LEVEL NE

SURVEY BY Guzade NOTES LYBRAND

INDEXED H. E. OTI DATE

JOB NO. 0301.02

WEATHER intermit Sun INST. NO. 25-243

TIME 1:15 PM to 2:00 PM ROD NO. 95 & 96

NOTES CHKD J. Miller DATE 10 & 60

76P526-CE 379—10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brook Weather Sunny Inst. No. 15066
Notes by R. R. Rodriguez Time 8:40 - 9:25 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 28-32 To BM 4-28
Date 11 OCT 50
Indexed H. E. OTT OCT 14 50

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
										L.A. Co. Precise Level Net
										RE RUN of LINE # 28
										S.N. 0301.02
										From BM 28-32
										To BM 4-28
										F.E. Brooks
										D. LeGault
										R.R. Rodriguez
										G.R. Alwin
										G.R. Esquirt
										F.B. 2826 P.G. 71

76P526-CE 379—10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather SUNNY Inst. No. 15066
Notes by R R RODRIGUEZ Time 8.40 - 9.25 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM28-32 To BM 4-28
Date 11 OCT 50
Indexed B. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	6.153 5.968 5782 17.903	5.968	.185 .186 .371	.371	68°	4.700 4.515 4330 13.545	4.515	.185 .185 .370	.370	BM 28-32 Slaus on Ave and Compton Ave see F.B. 1354-18
2	5320 5094 4870 15.284	5.095	226 224 450	.821		4671 4445 4221 13.337	4.446	226 224 450	.820	T Lc Gault
3	5913 5690 5464 17.067	5.689	223 226 449	1.270		4.892 4.668 4.442 14.002	4.667	224 .226 450	1.270	
4	5073 4849 4625 14.547	4.849	.224 .224 448	1.718		4.453 4.228 4.003 12.684	4.228	.225 .225 450	1.720	
5	5873 5647 5424 16.944	5.648	.226 .223 449	2.167		5939 5710 5482 17.131	5.710	.229 .228 457	2.177	

27249 ✓

F.B. 2826 P.G. 72

76P526-CE 379—10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather SUNNY Inst. No. 15066
Notes by R. R. RODRIGUEZ Time 8.40 – 9.25 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 28-32 To BM 4-28
Date 10 OCT 60
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	4867	27249	.224	2.167		4712	23566	.222	2.177	Summation of Run From B.M. 28-32 To B.M. 4-28
	4643		.223			4490		.225		
	4420		.447			4265		.447		
	13.930	4643		2.614		13.467	4489		2.624	Total Backsights = + 56.198
7	6366		.238			6345		.237		Total Foresights = – 48.872
	6128		.238			6108		.238		Diff. Elev. = + 7.326
	5890		.476			5870		.475		
	18.384	6128		3.090		18.323	6108		3.099	
8	5711		.227			4720		.228		Backsight stadia = 4.445
	5484		.223			4492		.227		Foresight Stadia = 4.439
	5261		.450			4265		.455		Total Stadia = 8.884
	16.456	5485		3.540		13.477	4492		3.554	= .50 mi.
9	7528		.223			4811		.228		
	7305		.224			4583		.224		
	7081		.447			4359		.452		
	21.914	7305		3.987		13.753	4584		4.006	
10	5616		.228			5850		.217		BM 4-28 (U.S. 4077) Slauson Ave and Alameda St. See F.B. 1205-33
	5388		.230			5633		.216		
	5158		.458			5417		.433		
	16.162	5388		4.445		16.900	5633		4.439	
		56198					48872			

56198
48872
7326

F.B. 2826 P.O. 73

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party..... Weather..... Inst. No.....
Notes by..... Time..... Rod No.....

Name.....
Job No.....
From..... To.....
Date.....
Indexed.....

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 2826 P.G. 74

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Sunny Inst. No. 15066
Notes by R. R. Rodriguez Time 10:00 - 12:10 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 28-11 To BM 28-12
Date 11 OCT 50
Indexed E. E. Ott Oct 14 '50

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
										J.N. 0301.02
										L.A.Co. Precise Level Net
										RE RUN of LINE #28
										from BM 28-11
										To BM 28-12
										F.E. Brooks
										D. LeGault
										R.R. Rodriguez
										G.P. Alwin
										G.R. Esquer

F.B. 2826 P.G. 75

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather SUNNY Inst. No. 15066
Notes by R R RODRIGUEZ Time 10:00 - 12:10 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 28-11 To BM 28-12
Date 11 OCT 60
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5.906		.185			4.383		.183		BM 28-11
	5.721		.183			4.200		.183		Freeman Blvd at P.E.R.R
	5.538		.368			4.017		.366		See F.B. 1351-14
	17.165	5.722		.368	72°	12.600	4.200		.366	
2	6.897		.187			3.979		.185		T LeGault
	6.710		.185			3.794		.184		
	6.525		.372			3.610		.369		
	20.132	6.711		.740		11.383	3.794		.735	
3	6.543		.185			4.069		.185		
	6.358		.185			3.884		.185		
	6.173		.370			3.699		.370		
	19.074	6.358		1.110		11.652	3.884		1.105	
4	5.955		.186			4.436		.187		
	5.769		.187			4.249		.189		
	5.582		.373			4.060		.376		
	17.306	5.769		1.483		12.745	4.248		1.481	
5	5.784		.155			4.091		.179		
	5.629		.158			3.912		.177		
	5.471		.313			3.735		.356		
	16.884	5.628		1.796		11.738	3.913		1.837	
	30.188					20.039				
	30.188									

F.B. 2826 PG. 76

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks Weather: Sunny Inst. No.: 15066
Notes by: R. R. RODRIGUEZ Time: 10:00 - 12:10 Rod No.: 31-32

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM-28-11 To: BM 28-12
Date: 11 OCT 60
Indexed: H. E. Oh

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6679	30.188	.188	1,796		4,325	-20.039	.152	1,837	
6	6491		.185			4173		.151		
	6306		.373			4022		.303		
	19.476	6.492		2.169		12.520	4.173		2.140	
	6445		.180			3771		.192		
7	6265		.181			3579		.194		
	6084		.361			3385		.386		
	18.794	6.265		2.530		10.736	3.579		2.526	
	7220		.182			3450		.184		
8	7038		.184			3266		.182		
	6854		.366			3084		.366		
	21.112	7.037		2.896		9.800	3.267		2.892	
	7.061		.183			4017		.186		
9	6.878		.186			3831		.189		
	6.692		.369			3642		.375		
	20.631	6.877		3.265		11.490	3.830		3.267	
	5510		.190			4880		.189		
10	5320		.188			4691		.186		
	5132		.378			4505		.375		
	15.962	5.321		3.643		14.076	4.692		3.642	
		62.180					39.580			

F.B. 2826 P.G. 77

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: Sunny Inst. No: 15066
Notes by: R. R. Rodriguez Time: 10:00-12:10 Rod No: 31-32

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 28-11 To: 28-12
Date: 11 OCT 60
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	6.663	62.180	.191	3.643		3.810	39.580	.187	3.642	
	6.472		.188			3.623		.183		
	6.284		.379			3.440		.370		
	19.419	6.473		4.022		10.873	3.624		4.012	
12	6.880		.189			3.888		.186		
	6.691		.186			3.702		.182		
	6.505		.375			3.520		.368		
	20.076	6.692		4.397		11.110	3.703		4.380	
13	7.000		.188			4.681		.191		
	6.812		.186			4.490		.190		
	6.626		.374			4.300		.381		
	20.438	6.813		4.771		13.471	4.490		4.761	
14	5.780		.189			4.251		.191		
	5.591		.190			4.060		.193		
	5.401		.379			3.867		.384		
	16.772	5.591		5.150		12.178	4.059		5.145	
15	7.058		.188			2.720		.187		
	6.870		.186			2.533		.184		
	6.684		.374			2.349		.371		
	20.612	6.871		5.524		7.602	2.534		5.516	
		94.620					57.990			

F.B. 2826 P.G. 78

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Sunny Inst. No. 15066
Notes by R.R. Rodriguez Time 10:00 - 12:10 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 28-11 To BM 28-12
Date 11 OCT 50
Indexed R.R.O.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.410	94.620	.111	5.524		3.985	59.990	.105	5.516	BM 28-12 (U.S. 76)
	5.299		.111			3.880		.105		at A.T. & S.F. R.R. Station
16	5.188		.222			3.775		.210		See F.B. 1354-15
	15.897	5.299		5.746		11.640	3.880		5.726	

Summation of Run
From B.M. 28-11
To B.M. 28-12

Total Backsights = + 99.919
Total Foresights = − 61.870
Diff. Elev. = + 38.049

Backsight stadia = 5.746
Foresight Stadia = 5.726
Total Stadia = 11.472
= .65 mi.

F.B. 2826 P.G. 79

99.919 61.870

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party..... Weather..... Inst. No.....
Notes by..... Time..... Rod No.....

Name.....
Job No.....
From..... To.....
Date.....
Indexed.....

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 2-8-2-6 P.G. 80

Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F. B. 2624 PG. 81
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date Mar-April 65	
Date	Indexed R. J. GALLI [redacted] 20[redacted]	

SN 0301.02

L.A. Co. PRECISE LEVEL NET

RERUN LINE No. 28

FROM - BALLONA CREEK
TO - ALAMEDA ST.
Via - S.P. R.R. and AT & SF R.R.

FE Brooks
K M Kapp
NR Bustrum
VF Lieber
AL Workman
S. Will

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76F3095 CE #310 6-63

F.B. 3826 PG. 82

Cont Bot Pg. 83

LA BREA

BLVD.

AVE.

S.P. R.R.

AVE.

PARK

HYDE

LA CIENEGA

TISER

BLVD.

28-11A
FB 3703-193

28-10
FB 1351-14

28-9
FB 1351-13

28-8
28-8A
FB 3703-187, 188

28-4
FB 3703-181

FRWY.

BLVD.

CENTINELA

28-7
FB 1351-12

SEPULVEDA

BLVD.

28-5
28-6B
28-6C
FB 3703-183, 184

SAN DIEGO

S.P. R.R.

JEFFERSON

28-3A
FB 1351-21

28-3
28-2
FB 1351-8

BALLONA

CREEK

BM 28-1A
FB 1351-7

BM 28-1
FB 1351-7

27-32A
27-33
FB 1393-26

BLVD.

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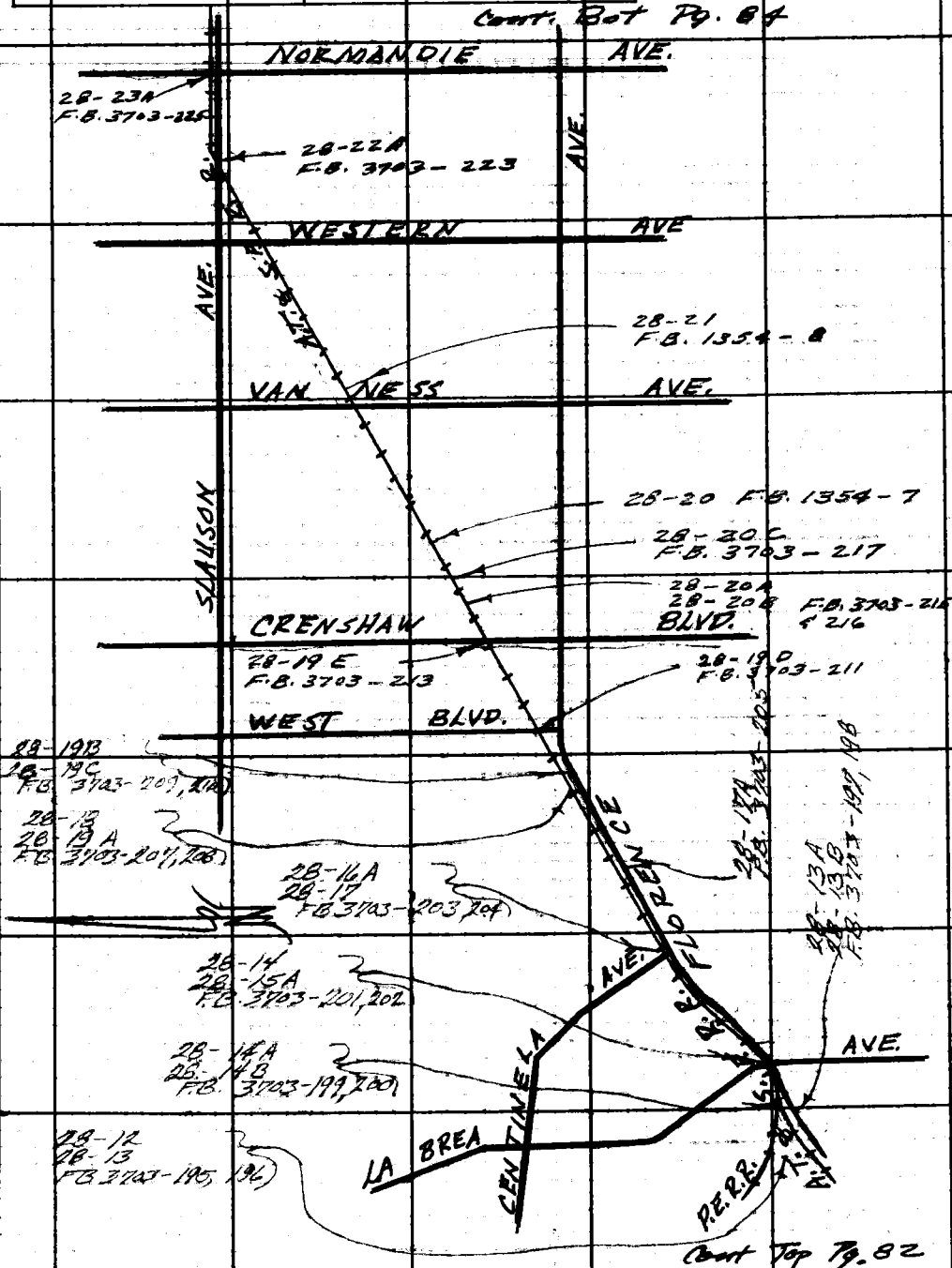
Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by F. E. Brooks
Checked	Notes F. E. Brooks Date Mar-Apr 65
Date	Indexed G. J. GALLI

F. B. 2826 PG. 83



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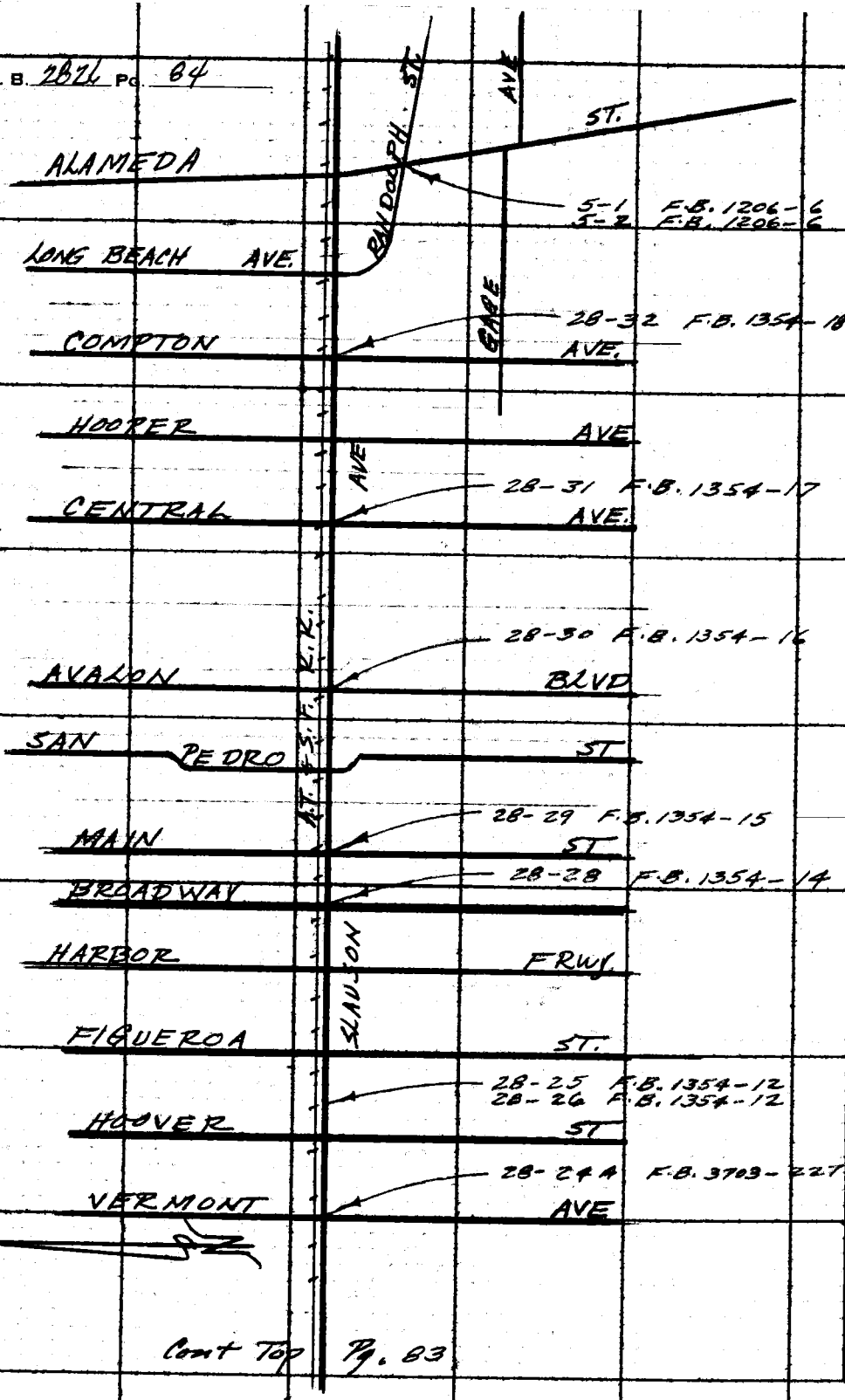
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

F. B. 2826 Pg. 84



Cont Top Pg. 83

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76P526 CE # 308 3-61

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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 BM27-32A TO BM27-33
BM27-32A									BM27-32A
1	274	878	575 5	278 270 8	66	731	367 5	62 70 8	Ballona Creek at old P.E. R/R. See FB 1393-26
2	205	682	506 5	200 210 10 18	298	153	599 5	293 5x2 298 10 18	π BUSTRUM
	480	560	✓		364	884	✓		
BM27-33									BM 27-33 (L.A.Co. F.C. BM 115-229) Ballona Creek at the old. P.E. R.R. See F.B. 1393-26

Summation of Run
From B.M. 27-32A
To B.M. 27-33

Total Backsights = + 480.560 ✓
Total Foresights = − 364.884 ✓
Diff. Elev. = +115.676 ✓

Backsight stadia = 18 ✓
Foresight Stadia = 18 ✓
Total Stadia = 36 meters

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

SURVEY BY E. E. Brooks WEATHER OVERCAST INST. NO. 96776

NOTES BY A. WORKMAN DATE APR 6, 1965 TIME 11:15 - 11:25 ROD NO. 9-17

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE [illegible] 24 '65

F.B. 2826 PG. 85

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-33 TO BM 27-32A
BM 27-33									BM 27-33 (L.A.Co. F.C. BM 115-229) Ballona Creek at old P.E. R.R.
1	287	463	588 5	292 282 10	214	111	515 5	220 208 12	See F.B. 1393-26
2	90	171	391 5	94 86 8 18	279	243	580 5	284 274 10 22	⊼ M.L. Bustrum
	377	634			493	354			
BM 27-32A									BM 27-32A Ballona Creek at old P.E. R.R. See F.B. 1393-26

Summation of Run
From B.M. 27-33
To B.M. 27-32A

Total Backsights = + 377.634
Total Foresights = − 493.354
Diff. Elev. = −115.720

Backsight stadia = 18
Foresight Stadia = 22
Total Stadia = 40 meters

WEATHER Hazy INST. NO. 96716
TIME 1:40 – 1:45 ROD NO. 9-19
NOTES CHKD [signature] DATE MAY 24 '65

F.B. 2826 Pg. 86 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES FEB 11 May 65
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY P. E. Brooks WEATHER Overcast INST. NO. 26716

NOTES BY A. Werkman DATE 4-6-65 TIME 11:25 - 12:20 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD. DATE

F.B. 2826 PG. 87

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 27-33 TO BM 28-1
BM 27-33									BM 27-33 (L.A. Co. FC.BM - -115-229)
1	293	283	594 5	290 297 7	146	303	447 5	143 149 6	
2	161	799	462 5	140 182 42 49	152	640	453 5	131 173 42 48	BALLONA CREEK AT OLD P.E. P/R SEE F.B. 1393-26
3	110	243	411 5	87 133 46 95	114	751	415 5	90 138 48 96	T BUSTRUM
4	148	828	449 5	129 167 38 133	135	489	436 5	116 154 38 134	
5	110	149	411 5	87 133 46 179	160	431	461 5	136 184 48 182	Summation of Run From B.M. 27-33 To B.M. 28-1
6	125	243	426 5	100 150 50 229	235	089	536 5	213 257 44 226	
7	96	865	396 5	72 118 46 275	143	478	444 5	119 167 48 274	Total Backsights = + 1829.619
8	150	388	451 5	127 173 46 321	146	768	447 5	122 170 48 322	Total Foresights = − 1875.157
9	169	843	470 5	146 195 49 369	178	931	479 5	154 202 48 370	Diff. Elev. = − 45.538
10	156	077	457 5	133 180 47 416	142	013	443 5	118 166 48 418	
11	166	979	467 5	139 192 53 469	176	955	477 5	150 202 52 470	Backsight stadia = 489
12	140	922	441 5	130 150 20 489	142	309	443 5	131 153 22 492	Foresight Stadia = 492
BM 28-1	1829	619			1875	157			Total Stadia = 981 meters
									BM 28-1 (City of L.A. Venice K-3) Jefferson Blvd. & S.P. R.R. See F.B. 1351-7

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WEATHER Overcast INST. NO. 96716
TIME 11:15-12:05 ROD NO. 9-19
NOTES CHKD [illegible] DATE MAY 24 '65

F.B. 2826 PG. 88
JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY V. E. Brook NOTES FED 11 May 65
INDEXED C. J. GALLI DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 28-1 TO BM 27-33
BM 28-1									BM 28-1 (city of L.A. Venice X-3) Jefferson Blvd. & S.P. R.R. See F.B. 1351-7
1	139	832	440	5 150 / 128 22	140	693	441	5 150 / 130 20	
2	175	467	~~40~~ 476	5 201 / 149 52 / 94	163	525	464	5 190 / 136 54 / 94	T M.L. Bustrum
3	~~138~~ 139	067	~~449~~ 449	5 163 / 115 48 / 122	149	063	450	5 173 / 125 48 / 122	
4	172	258	473	5 196 / 148 48 / 170	167	213	468	5 190 / 144 46 / 168	
5	149	891	450	5 193 / 124 49 / 209	156	635	457	5 179 / 133 46 / 214	Summation of Run From B.M. 28-1 To B.M. 27-33
6	~~154~~ 155	973	~~457~~ 457	5 178 / 132 46 / 265	104	905	405	5 129 / 79 50 / 264	
7	235	773	536	5 258 / 212 46 / 311	94	323	395	5 118 / 70 48 / 312	Total Backsights = + 1831.151 ✓
8	129	393	430	5 153 / 105 48 / 359	110	963	411	5 133 / 87 46 / 358	Total Foresights = − 1785.491 ✓ Diff. Elev. = + 45.660 ✓
9	133	651	434	5 152 / 114 38 / 397	146	788	447	5 165 / 127 38 / 396	
10	116	787	417	5 140 / 92 48 / 445	109	363	410	5 132 / 87 45 / 441	Backsight stadia = 493 ✓ Foresight Stadia = 495 ✓
11	140	859	441	5 160 / 120 40 / 485	152	883	453	5 175 / 129 46 / 487	Total Stadia = 988 ✓ meters
12	142	300	443	5 146 / 138 8 / 493	289	237	590	5 293 / 285 8 / 495	
BM 27-33	1831	151			1785	491			BM 27-33 (L.A. Co. Flood BM 115-229) Ballona Creek at old P.E. R.R. See F.B. 1393-26 (con.)

76P526 CE # 308 3-61

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM28-1 TO BM28-2A
BM28-1 1	173	918	474 5	148 198 50	181	377	482 5	157 205 48	BM28-1 (City of L.A. Venice K3) Jefferson Blvd & S.P. R/R. See FB 1351-7 π BUSTRUM
BM28-1A									BM28-1A (USC&GS BMC-10-54) Jefferson Blvd and S.P.R.R. See F.B. 1351-7 Summation of Run From B.M. 28-1 To B.M. 28-1A Total Backsights = + 173.918 Total Foresights = − 181.377 Diff. Elev. = − 7.459 Backsight stadia = 50 Foresight Stadia = 48 Total Stadia = 98 meters

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

SURVEY BY F. E. Brooks

NOTES BY A. WORKMAN DATE 4-6-65

INDEXED C. J. GALLS DATE

WEATHER OVERCAST

TIME 1:40 – 1:45

NOTES CHKD [illegible] DATE MAY 24 '65

INST. NO. 96716

ROD NO. 9-19

F.B. 2826 PG. 89

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM28-1A TO BM28-1
BM28-1A	180	828	481 5	204 156 48	173	323	474 5	198 148 50	BM28-1A (USC&GS BM C-10-54) Jefferson Blvd and S.P. R.R. See F.B. 1351-7 ⊼ M.L. Bustrum
BM28-1									BM 28-1 (City of L.A. Venice K3) Jefferson Blvd and S.P.R.R. See F.B. 1351-7 Summation of Run From B.M. 28-1A To B.M. 28-1 Total Backsights = + 180.828 Total Foresights = − 173.323 Diff. Elev. = + 7.505 Backsight stadia = 48 Foresight Stadia = 50 Total Stadia = 98 meters

F.B. 28AL PG. 90

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES FEB 11 May 65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 11:05 ROD NO. 9-19

NOTES CHKD [signature] DATE JUN 24 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM28-1A TO BM28-2
BM28-1A									BM 28-1A (U.S.C.&G.S. BM C 10-54)
1	74	843	375 5	50 / 98 48	163	848	464 5	139 / 187 48	Jefferson Blvd & S.P. R/R.
2	164	457	465 5	140 / 188 48 / 96	144	373	445 5	120 / 168 48 / 96	See FB 1351-7
3	154	370	455 5	130 / 177 47 / 143	139	985	440 5	116 / 162 46 / 142	π BUSTRUM
4	155	190	456 5	130 / 180 50 / 193	148	127	449 5	124 / 172 48 / 190	
5	155	921	456 5	127 / 182 55 / 248	154	713	455 5	124 / 184 60 / 250	
	704	781			751	046			
BM 28-2									BM 28-2 (L.A. City Venice L-3B) Jefferson Blvd. & Centinella Ave See F.B. 1351-8

Summation of Run
From B.M. 28-1A
To B.M. 28-2

Total Backsights = + 704.781
Total Foresights = − 751.046
Diff. Elev. = − 46.265
Backsight stadia = 248
Foresight Stadia = 250
Total Stadia = 498 Meters

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

SURVEY BY F. E. Brooks

NOTES BY A. WORKMAN DATE 4-6-65 WEATHER OVERCAST INST. NO. 96716

INDEXED C. J. GALLI DATE TIME 1:45 - 2:05 ROD NO. 9-19

NOTES CHKD [illegible] DATE MAY 24 '65

F.B. 2826 PG. 91

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 28-2 TO BM 28-1A
BM 28-2									BM 28-2 (L.A. City Venice L-38) Jefferson Blvd. & Centinella Ave. See F.B. 1351-8
1	170	508	471 5	199 141 58	172	508	473 5	200 144 56	
2	144	799	445 5	167 120 47 105	158	521	459 5	181 135 46 102	π M.L. Bustrum
3	144	963	445 5	168 120 48 153	150	633	451 5	174 126 48 150	
4	142	965	449 5	166 118 48 201	171	249	472 5	194 148 46 196	
5	212	867	513 5	235 189 46 247	116	603	417 5	141 91 50 246	Summation of Run From B.M. 28-2 To B.M. 28-1A
	816	102			769	514			
BM 28-1A									BM 28-1A (USC&GS C-1054) Jefferson Blvd. & S.P. R.R. See F.B. 1351-7

Total Backsights = + 816.102
Total Foresights = − 769.514
Diff. Elev. = + 46.588

Backsight stadia = 247
Foresight Stadia = 246
Total Stadia = 493 meters

F.B. 2826 PG. 92

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES FEB 11 May 65

INDEXED C. J. [illegible] DATE

JOB NO. 0301.02

WEATHER overcast INST. NO. 96716

TIME 10:40-11:00 ROD NO. 9-19

NOTES CHKD [illegible] DATE MAY 24 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY F. E. Brooks

NOTES BY K. M. Kapp DATE 5-12-65

INDEXED C. J. GALLI DATE

WEATHER overcast

TIME 8:55-9:25

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 9-19

F.B. 2826 Pg. 94A

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM28-1A TO BM28-2
BM28-1A									BM 28-1A (USC & GS C.1-54) Jefferson Blvd. & S.P. R.R. See F.B. 1351-7
1	113	328	414 5	138 88 50	204 ~~205~~	790	505 ~~506~~ 5	227 180 47	
2	169	607	470 5	192 145 47 97	148	621	449 5	172 124 48 95	π Lieber
3	157	171	458 5	180 133 47 144	145	310	446 5	170 120 50 145	
4	157	979	458 5	179 135 44 188	148	970	449 5	171 124 47 192	
5	163	498	464 5	192 134 58 246	160	348	461 5	188 131 57 249	
	761	583			808	039			
BM28-2									BM 28-2 (L.A. City Venice 2-31) Jefferson Blvd. & Centinela Ave See F.B. 1351-8

Summation of Run
From B.M. 28-1A
To B.M. 28-2

Total Backsights = + 761.583
Total Foresights = − 808.039
Diff. Elev. = − 46.456

Backsight stadia = 246
Foresight Stadia = 249
Total Stadia = 495

F.B. 2B26 PG. 92B JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

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

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM28-2 TO BM 28-3
BM28-2									BM 28-2 (L.A. City Venice L-3B) Jefferson Blvd & Centinella Ave. See FB 1351-8
1	165	682	466 5	153 177 24	146	551	447 5	135 158 23	
									T BUSTRUM
BM28-3									BM 28-3 (L.A. City Venice L-3A) Jefferson Blvd and Centinella Ave See F.B. 1351-8

Summation of Run
From B.M. 28-2
To B.M. 28-3

Total Backsights = + 165.682
Total Foresights = − 146.551
Diff. Elev. = + 19.131

Backsight stadia = 24
Foresight Stadia = 23
Total Stadia = 47 meters

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

SURVEY BY F. E. Brooks

NOTES BY A. WORKMAN DATE 4-6-65

INDEXED C. J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 2:05 - 2:10 ROD NO. 9-19

NOTES CHKD [illegible] DATE JUN 24 '65

F.B. 2826 PG. 93

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM28-3 TO BM28-2
BM 28-3									BM 28-3 (L.A. City Venice L3A) Jefferson Blvd and Centinella Ave. see F.B. 1351-8
	194	338	495 5	207 180 27	213	447	514 5	226 200 26	
									⊼ M.L. Bustrum
BM 28-2									BM 28-2 (L.A. City Venice L-3B) Jefferson Blvd and Centinella Ave see F.B. 1351-8

Summation of Run
From B.M. 28-3
To B.M. 28-2

Total Backsights = + 194.338
Total Foresights = − 213.447
Diff. Elev. = − 19.109

Backsight stadia = 27
Foresight Stadia = 26
Total Stadia = 53 meters

F.B. 2826 PG. 94 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES FEB 11 May 65
INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96716
TIME 11:30 ROD NO. 9-19
NOTES CHKD. [signature] DATE MAY 24 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA
BM 28-3								
1	167	518	468 5	142 / 192 50	136	761	437 5	113 / 159 46
2	155	881	456 5	130 / 180 50	133	045	434 5	109 / 157 48
3	162	303	463 5	100 / 139 / 185 46	138	903	439 5	94 / 113 / 163 50
4	158	099	459 5	146 / 134 / 183 49	133	555	434 5	144 / 108 / 158 50
5	155	168	456 5	195 / 130 / 180 50	153	035	454 5	194 / 126 / 180 54
6	161	651	462 5	245 / 136 / 186 50	140	665	441 5	248 / 116 / 164 48
7	158	620	459 5	295 / 140 / 176 36	135	252	436 5	296 / 115 / 155 40
8	155	817	456 5	331 / 144 / 167 23	159	163	460 5	336 / 148 / 170 22
	1275	057		354	1130	379		358
BM 28-3A								

DESCRIPTION AND REMARKS

FROM BM 28-3 TO BM 28-3A

BM 28-3 (Venice L 3 A)
Jefferson Blvd & Centinella Ave
See FB 1351-8

⊼ BUSTRUM

Summation of Run
From B.M. 28-3
To B.M. 28-3A

Total Backsights = + 1275.057
Total Foresights = − 1130.379
Diff. Elev. = + 144.678

Backsight stadia = 354
Foresight Stadia = 358
Total Stadia = 712 meters

BM 28-3A (USC&GS D-1054)
Centinella Ave. & Teale St.
See F.B. 1351-21

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

SURVEY BY F. E. Brooks

NOTES BY A. WORKMAN DATE 4-6-65

INDEXED C. J. GALLS DATE

WEATHER Overcast INST. NO. 96716

TIME 2:15 - 3:00 ROD NO. 9-19

NOTES CHKD [signature] DATE NOV 24 '65

F.B. 1821 PG. 95

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 28-3A TO BM 28-3
BM 28-3A									BM 28-3A (USC&GS D-1054) Centinella Ave. & Teale St. See F.B. 1351-21
1	156	879	457 5	167 145 22	154	653	455 5	165 143 22	
2	139	287	440 5	159 119 40 62	161	397	462 5	180 142 38 60	M.L. Bustrom
3	140	299	441 5	164 116 48 110	162	447	463 5	186 138 48 108	
4	150	545	451 5	177 123 54 164	149	607	450 5	173 125 48 156	Summation of Run From B.M. 28-3A To B.M. 28-3
5	133	262	434 5	156 110 46 210	159	613	460 5	185 133 52 208	
6	138	958	439 5	162 114 48 258	162	991	463 5	186 138 48 256	Total Backsights = + 1133.598 ✓ Total Foresights = − 1278.000 ✓ Diff. Elev. = − 144.402 ✓
7	135	923	436 5	159 111 48 306	157	423	458 5	182 132 50 306	
8	138	445	439 5	162 114 48 354	169	869	470 5	193 144 49 355	Backsight stadia = 354 ✓ Foresight Stadia = 355 ✓ Total Stadia = 909 ✓ meters
	1133	598			1278	000			
BM 28-3									BM 28-3 (Venice L-3A) Jefferson Blvd. & Centinella Ave. See F.B. 1351-8

F.B. 2826 PG. 96

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES FEB 11 May 65

INDEXED C. J. [illegible] DATE

JOB NO. 0301.02

WEATHER Overcast INST. NO. 96716

TIME 9:55 - 10:25 ROD NO. 9-19

NOTES CHKD [illegible] DATE MAY 24 '65

76P526 CE # 308 3-61

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 [illegible] Brooks

NOTES BY M Bustrum DATE 4-7-65

INDEXED C. J. [illegible] DATE

WEATHER Cloudy

TIME 8.50 - 9.25

NOTES CHKD [illegible] DATE [illegible] 24 '65

INST. NO. 96716

ROD NO. 9-19

F.B. 1826 PG. 97

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 28-3A									FROM BM28-3A TO BM28-4
1	163	490	464 5	176 150 26	147	388	448 5	160 134 26	BM 28-3A (U.S.C&G.S D10-54) Centinella Ave & Teale St. See FB 1351-21
2	163	178	464 5	188 138 50 76	135	533	436 5	161 109 52 78	π Kapp
3	155	878	456 5	171 139 32 108	141	098	442 5	156 126 30 108	
4	165	591	466 5	188 142 46 154	141	240	442 5	166 116 50 158	
5	152	220	453 5	177 127 50 204	110	178	411 5	134 86 48 206	
6	183	412	484 5	202 164 38 242	115	802	416 5	136 94 42 248	
7	145	790	446 5	158 132 26 268	170	903	471 5	181 159 22 270	
	1129	559			962	142			
BM 28-4									BM 28-4 (City of L.A. Ing A-3) Centinella Ave., 1st P.I. W. of Sepulveda Blvd See FB 3703-181

Summation of Run
From B.M. 28-3A
To B.M. 28-4

Total Backsights = + 1129.559
Total Foresights = − 962.142
Diff. Elev. = + 167.417

Backsight stadia = 268
Foresight Stadia = 270
Total Stadia = 538 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 28-4 TO BM 28-3A
BM 28-4									BM 28-4 (City of LA. ING A-3 Centinela Ave., 1st P.I. W of Sepulveda Blvd
1	190	557	491 5	203 177 26	165	713	466 5	177 153 24	
2	109	728	410 5	130 88 42 68	186	920	487 5	207 165 42 66	See FB 3703-181
3	119	288	420 5	143 95 48 116	174	485	475 5	198 150 48 114	⊼ ML Bustrum
4	156	873	457 5	180 132 48 164	158	088	459 5	181 135 46 160	Summation of Run From B.M. 28-4 To B.M. 28-3A
5	136	993	437 5	151 121 30 194	151	918	452 5	168 134 34 194	
6	132	481	433 5	158 106 52 246	160	273	461 5	185 135 50 244	Total Backsights = + 991.503
7	145	583	446 5	159 131 28 274	161	463	462 5	174 148 26 270	Total Foresights = − 1158.860
	991	503			1158	860			Diff. Elev. = − 167.357
BM 28-3A									BM 28-3A (U.S.C & G.S D-(-10-54) Centinela Ave & Teal Ave. See FB 1351-21

Backsight stadia = 274
Foresight Stadia = 270
Total Stadia = 544 meters

F.B. 2826 PG. 98

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E.E. Brook NOTES FEB 11 May 65

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER Overcast INST. NO. 9716

TIME 9:25 - 9:50 ROD NO. 9-19

NOTES CHKD [signature] DATE MAY 24 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 28-4 TO BM 28-6C
BM28-4									BM 28-4 (City of L.A. Ing. A-3) Centinella Ave., 1st Pk. W. of Sepulveda Blvd. See FB 3703-181
1	238	192	539 5	261 215 46	130	920	431 5	152 108 44	
2	136	300	437 5	160 112 48 94	137	813	438 5	160 115 45 89	
3	149	378	450 5	176 122 54 148	117	356	418 5	146 88 58 147	π Kapp
	523	870			386	089			
									Summation of Run From B.M. 28-4 To B.M. 28-6C
BM28-6C									BM 28-6C (U.S. C&G.S. M766 Reset) Centinela Ave & Sepulveda Blvd., See FB 3703-183, 184

Total Backsights = + 523.870

Total Foresights = − 386.089

Diff. Elev. = + 137.781

Backsight stadia = 148

Foresight Stadia = 147

Total Stadia = 295 Meters

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

SURVEY BY [redacted] Brook

NOTES BY M Bustrum DATE 4-7-65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 9:30 - 9:50 ROD NO. 9-19

NOTES CHKD [illegible] DATE MAY 24 '65

F.B. [illegible] PG. 99

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 1826 PG. 100 JOB NO. 0301.02

SURVEY OF ~~L.A. Co. Precise Level Net~~

SURVEY BY Brook NOTES FEB 11 May 65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 2716

TIME 8:45 - 9:15 ROD NO. 9-19

NOTES CHKD. DATE MAY 24 '65

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM BM 28-6C TO BM 28-4
BM 28-6C									BM 28-6C (U.S.C.&G.S. M 766 (Reset)
1	129	075	430	5	162	748	463	5	Centinela Ave & Sepulveda Blvd.,
				159 99 60				188 136 52	
2	133	768	434	5	131	632	432	5	See FB 3703-183, 184
				155 111 44 104				156 106 50 102	
3	133	703	434	5	240	125	541	5	" M.L. Bustum
				155 111 44 148				263 219 46 148	
	396	546			534	605			
									Summation of Run From B.M. 28-6C To B.M. 28-4
BM 28-4									BM 28-4 (City of L.A. Eng. A3.) Centinella Ave., 1st P.I. W of Sepulveda Blvd. See FB 3703-181
					Backsight stadia =			148	Total Backsights = + 396.546
					Foresight Stadia =			148	Total Foresights = − 534.505
					Total Stadia =			296 meters	Diff. Elev. = − 137.959

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 28-6C TO BM 28-5
BM 28-6C									BM 28-6C (USC&GS M766 Reset) Centinela Ave and Sepulveda Blvd
1.	127	292	428 5	136 118 18	188	178	489 5	176 180 16	see F.B. 3703-183, 184
									π Kapp
BM 28-5									BM 28-5 (City of L.A.) Centinela Ave and Sepulveda Blvd. See F.B. 3703-183, 184

Summation of Run
From B.M. 28-6C
To B.M. 28-5

Total Backsights = + 127.292
Total Foresights = − 188.178
Diff. Elev. = − 60.886

Backsight stadia = 18
Foresight Stadia = 16
Total Stadia = 34 Meters

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

SURVEY BY F. E. Brooks

NOTES BY M. Bustrum DATE 4-7-65

INDEXED C. J. GALLI DATE

WEATHER overcast INST. NO. 96716

TIME 10:00 ROD NO. 9-19

NOTES CHKD [illegible] DATE MAY 24 '65

F.B. 2826 PG. 104

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 BM28-5 TO BM28-6C
BM28-5									BM28-5 (City of L.A.) Centinela Ave and ~~[illegible]~~ Sepulveda Blvd. See F.B. 3703-183, 184
	201	579	502 5	209 193 16	140	690	441 5	148 132 16	π K. M. Kapp
BM28-6C									BM28-6C (USC&GS M 766 Reset) Centinela Ave and Sepulveda Blvd. See F.B. 3703-183, 184

Summation of Run
From B.M. 28-5
To B.M. 28-6C

Total Backsights = + 201.579 ✓
Total Foresights = − 140.690 ✓
Diff. Elev. = + 60.889 ✓

Backsight stadia = 16 ✓
Foresight Stadia = 16 ✓
Total Stadia = 32 meters

WEATHER clear - windy INST. NO. 96716
TIME 3:25 - ROD NO. 9-19
NOTES CHKD [signature] DATE MAY 24 '65

F.B. 2826 PG. 102 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES F.E.B. 10 May 1965
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 28-6C TO BM 28-6B
BM 28-6C									BM 28-6C (USCEGS M-966 Reset) Centinela Ave and Sepulveda Blvd. See F.B. 3703-183, 184
1	170	780	471 5	181 159 22	158	278	459 5	168 148 20	
									π Kipp
BM 28-6B									BM 28-6B Centinela Ave and Sepulveda Blvd. See F.B. 3703-183, 184

Summation of Run
From B.M. 28-6C
To B.M. 28-6B

total Backsights = + 170.780
Total Foresights = − 158.278
Diff. Elev. = + 12.502

Backsight stadia = 22
Foresight Stadia = 20
Total Stadia = 42 Meters

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

SURVEY BY F. E. Brooks WEATHER Overcast INST. NO. 96716

NOTES BY M. Bustrum DATE 4-7-65 TIME 10.05 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE MAY 24 '65

F.B. 3826 PG. 103

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM28-6B TO BM28-6C
BM 28-6B	160	313	461 5	170 / 150 20	172	796	473 5	183 / 161 22	BM 28-6B Centinela Ave and Sepulveda Blvd. See F.B. 3703-183, 184 TK M Kapp
BM 28-6C									BM28-6C (USCGS M-766 Reset) Centinela Ave and Sepulveda Blvd. See F.B. 3703-183, 184 Summation of Run From B.M. 28-6B To B.M. 28-6C Total Backsights = + 160.313 Total Foresights = − 172.796 Diff. Elev. = −12.483 Backsight stadia = 20 Foresight Stadia = 22 Total Stadia = 42 meters

F.B. 2826 PG. 104

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES F.E.B. 10 May 1965

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER Clear - Windy INST. NO. 96716

TIME 3:15 ROD NO. 9-19

NOTES CHKD [signature] DATE NOV 24 '65

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
BM 28-6B									FROM BM 28-6B TO BM 28-7
1	146	281	447 5	170 122 48	153	708	454 5	178 128 50	BM 28-6B. C Centinela Ave and Sepulveda Blvd. See F.B. 3703-183, 184
2	168	920	469 5	192 144 48 96	121	100	422 5	146 96 50 100	T Kapp
3	208	708	509 5	233 183 50 146	123	220	424 5	146 100 46 146	Summation of Run From B.M. 28-6B To B.M. 28-7
4	136	092	437 5	161 111 50 196	135	492	436 5	160 110 50 196	
5	162	885	483 5	204 160 44 240	88	600	389 5	109 67 42 238	
6	263	677	564 5	277 249 28 268	82	200	383 5	96 68 28 266	Total Backsights = + 1571.611
7	250	678	551 5	263 237 26 264	76	320	377 5	87 63 26 292	Total Foresights = − 947.031
8	214	870	515 5	225 203 22 316	166	391	467 5	175 157 18 318	Diff. Elev. = + 624.580
	1571	611			947	031			
BM 28-7									BM 28-7 (City of L.A. Eng. 836) Centinela Ave., 0.45 mi S'ly of Sepulveda Blvd See FB 1351-12
									Backsight stadia = 316
									Foresight Stadia = 310
									Total Stadia = 626 Meters

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. E. Brock
NOTES BY M. Bustamante DATE 4-7-65
INDEXED C. J. Galli DATE
WEATHER Overcast
TIME 10:30 - 4:00
NOTES CHKD DATE
INST. NO. 26716
ROD NO. 2-12
F.B. 3826 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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM28-7									FROM BM28-7 TO BM28-6B
1	161	790	462 5	170 152 18	210	582	511 5	220 200 20	BM28-7 (City of L.A. Eng. B3C) Centinela Ave., 0.45 Mi. E'ly of Sepulveda Blvd, See FB 1351-12
2	87	820	388 5	100 74 26 44	262	008	563 5	275 249 26 46	
3	88	453	389 5	102 74 28 72	277	205	578 5	291 263 28 74	π K.M. Kapp
4	82	095	383 5	103 61 42 114	190	519	471 5	192 148 44 118	Summation of Run From B.M. 28-7 To B.M. 28-6B
5	112	384	413 5	138 86 52 166	113	345	414 5	137 89 48 166	
6	109	793	410 5	132 86 46 212	195	652	496 5	219 171 48 214	Backsight stadia = 310
7	120	631	421 5	145 95 50 262	162	061	463 5	186 138 48 262	Foresight Stadia = 310
8	164	127	465 5	188 140 48 310	160	320	461 5	184 136 48 310	Total Stadia = 620 meters
	927	093			1551	692			
BM28-6B									BM28-6B Centinela Ave., & Sepulveda Blvd See FB 3703-183, 184.
					~~Total Backsights~~	= +			Total Backsights = + 927.093
					~~Total Foresights~~	= −			Total Foresights = − 1551.692
					Diff. Elev	−			Diff. Elev. = − 624.599

F.B. 2826 PG. 106

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES FEB 10 May 1965

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER Clear-windy INST. NO. 9-7-16

TIME 2:45 - 3:15 ROD NO. 9-19

NOTES CHKD [signature] DATE MAY 24 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 28-7 TO BM 28-8A
BM 28-7									BM 28-7 (City of L.A. Ing. B-3C) Centinela Ave., 0.45 Mi E'ly. of Sepulveda Blvd. See F.B. 1351-12
1	161	109	462 5	184 138 46	240	898	541 5	263 217 46	
2	108	691	409 5	133 83 50 96	148	526	449 5	172 124 48 94	π Kapp
3	183	202	484 5	204 162 42 138	134	812	435 5	155 113 42 136	
4	180	128	481 5	192 168 24 162	228	088	529 5	240 216 24 160	Summation of Run From B.M. 28-7 To B.M. 28-8A
	633	130			752	324			
BM 28-8A									BM 28-8A (City of L.A. Ing. B-3D) Centinela Ave., near 1st P.I. E'ly. of Sepulveda Blvd. See FB 3703-187 & 188

Backsight stadia = 162
Foresight Stadia = 160
Total = 322 meters

Total Backsights = + 633.130
Total Foresights = − 752.324
Diff. Elev. = − 119.194

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

SURVEY BY [illegible] DATE 4-7-65

NOTES BY M. Bustrum DATE

INDEXED C. J. [illegible] DATE

WEATHER clear-windy INST. NO. 26716

TIME 11:10 - 11:30 ROD NO. 9-19

NOTES CHKD [illegible] DATE NOV 24 '65

F.B. 2821 PG. 107

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM28-8A TO BM28-7
BM28-8A									BM28-8A (City of L.A. Ing B 3D) Centinela Ave. near 1st P.I. E'ly of Sepulveda Blvd. See FB 3703-187 & 188
1	231	550	532 5	243 219 24	171	079	472 5	183 159 24	
2	121	788	422 5	142 100 42 66	164	158	465 5	185 143 42 66	
3	139	070	440 5	164 114 50 116	96	090	397 5	121 71 50 116	
4	224	500	525 5	247 201 46 162	166	480	469 5	189 143 46 162	KM Kapp
	716	908			597	807			Summation of Run From B.M. 28-8A To BM 28-7
BM28-7									BM28-7 (City of L.A. Ing B-3C.) Centinela Ave. 0.45 Mi. E'ly of Sepulveda Blvd See FB 1351-12

Backsight stadia = 162
Foresight Stadia = 162
Total Stadia = 324 meters

Total Backsights = + 716.908
Total Foresights = − 597.807
Diff. Elev = + 119.101

F.B. 2826 Pg. 108

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E. Brooks NOTES F.E.B. 10 May 1965

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER Clear - Windy INST. NO. 96716

TIME 2:25 - 2:48 ROD NO. 9-19

NOTES CHKD [illegible] DATE MAY 24 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 28-8A TO BM 28-8
BM28-8A									BM 28-8A (City of L.A. Ing. B-3D) Centinela Ave., near 1st P.I. E'ly. of Sepulveda Blvd. See F.B. 3703-187 & 188
1.	219	052	520 5	221 217 4	216	730	517 5	218 214 4	
									T Kapp
BM28-8									BM 28-8 Centinela Ave at 1st P.I. E'ly of Sepulveda Blvd. See F.B. 3703-187, 188

Summation of Run
From B.M. 28-8A
To B.M. 28-8

Total Backsights = + 219.052
Total Foresights = − 216.730
Diff. Elev. = + 2.322

Backsight stadia = 4
Foresight Stadia = 4
Total Stadia = 8 meters

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

SURVEY BY M. Brooks

NOTES BY M Bustrum DATE 4-7-65

INDEXED C. J. GALLI DATE

WEATHER Clear Windy

TIME 11:30

NOTES CHKD [illegible] DATE MAY 24 '65

INST. NO. 9676

ROD NO. 9-19

F.B. 2826 PG. 169

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2826 PG. 110 L.A. Co. Precise Level Net JOB NO. 0301.02

SURVEY OF [illegible] NOTES F.E.B. 10 May 1925

SURVEY BY [illegible] DATE

INDEXED C. J. [illegible] DATE

WEATHER Clear - Windy INST. NO. 26716

TIME 2:20 ROD NO. 9-19

NOTES CHKD [illegible] DATE MAY 24 '65

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 28-8 TO BM 28-8A
BM 28-8									BM 28-8
1.	216	861	517 5	218 214 4	219	185	520 5	221 217 4	Centinela Ave at 1st P.I. E'ly of Sepulveda Blvd. See F.B. 3703-187, 188
									T KM Kapp
BM 28-8A									BM 28-8A (City of L.A. Mg. B-3D) Centinela Ave near 1st P.I. E'ly of Sepulveda Blvd. See F.B. 3703-187, 188

Summation of Run
From B.M. 28-8
To B.M. 28-8A

Total Backsights = + 216.861
Total Foresights = − 219.185
Diff. Elev. = − 2.324

Backsight stadia = 4
Foresight Stadia = 4
Total Stadia = 8 meters

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY M. Bustamante

NOTES BY C. J. Gallo

DATE 8-7-65

WEATHER Cloudy

TIME 11:35 - 2:15

INST. NO. 2C-2

ROD NO. 9-12

INDEXED

DATE

NOTES CHKD

DATE NOV 24 '65

F.B. 1351 Pg. 11

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From BM 28-8 To BM 28-9
BM 28-8									BM 28-8 Centinela Ave. & 1st P.I. E'ly. of Sepulveda Blvd. See F.B. 3703-187 & 188
1.	218	070	519	5	220 / 216 4	153	330	454 5	153 / 151 4
2.	134	238	435	5	156 / 172 44 / 48	150	702	451 5	172 / 128 44 / 48
3.	149	119	450	5	170 / 128 42 / 90	149	490	450 5	170 / 128 42 / 90
4	188	840	489	5	210 / 166 44 / 134	121	980	422 5	142 / 100 42 / 132
5.	181	882	482	5	203 / 159 44 / 178	126	930	427 5	148 / 104 44 / 176
6	207	258	508	5	230 / 184 46 / 224	102	012	403 5	124 / 80 44 / 220
7	174	160	475	5	197 / 151 46 / 270	140	360	441 5	162 / 118 44 / 264
8	140	663	441	5	164 / 116 48 / 318	126	851	427 5	150 / 102 48 / 312
9	171	272	472	5	192 / 150 42 / 360	63	597	364 5	86 / 40 46 / 358
10	189	832	490	5	208 / 170 38 / 398	61	332	362 5	81 / 41 40 / 398
11	238	180	539	5	264 / 212 52 / 450	23	985	324 5	49 / 23 26 x 2 / 52 / 450
12	228	711	529	5	242 / 214 28 / 478	38	173	339 5	52 / 24 28 / 478
13	299	210	600	5	299 / 282 17 x 2 / 34 / 512	84	508	385 5	99 / 69 30 / 508
BM 28-9	2521	435				1343	250		

Summation of Run
From B.M. 28-8
To B.M. 28-9

Total Backsights = + 2521.435
Total Foresights = − 1343.250
Diff. Elev. = + 1178.185

BM 28-9
LA Tijera Blvd & Thorn burn St. (E)
See FB 1351-13

Backsight stadia = 512
Foresight Stadia = 508
Total Stadia = 1020 meters

1 hr. for lunch

T Kapp

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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
BM 28-9								
1	111	020	412 5	126 96 30	296	835	597 5	296 281 15x2 30
2	9	628	310 5	24 9 15x2 30 60	229	000	530 5	243 215 28 58
3	25	880	326 5	51 25 26x2 52 112	260	850	561 5	286 234 52 110
4	85	658	386 5	106 64 42 154	268	802	569 5	286 250 36 140
5	142	260	443 5	164 120 44 198	176	212	477 5	199 153 46 192
6	134	380	435 5	157 111 46 244	183	863	484 5	208 158 50 242
7	187	393	488 5	210 164 46 290	182	840	483 5	205 159 46 288
8	81	457	382 5	103 59 44 334	175	978	476 5	198 152 46 334
9	109	692	410 5	131 87 44 378	176	839	477 5	198 154 44 378
10	112	839	413 5	133 91 42 420	174	389	475 5	197 151 46 424
11	139	294	440 5	161 117 44 464	149	858	450 5	169 129 40 464
12	176	405	477 5	199 153 46 510	153	807	454 5	174 132 42 506
13	151	820	452 5	153 149 4 514	216	530	517 5	218 214 4 510
BM 28-8	1467	726			2645	803		

DESCRIPTION AND REMARKS

FROM BM 28-9 TO BM 28-8

BM 28-9
La Tijera Blvd., & Thornburn St. (E.)
See FB 1351-13

π K M Kapp

Summation of Run
From B.M. 28-9
To B.M. 28-8

Total Backsights = + 1467.726
Total Foresights = − 2645.803
Diff. Elev. = − 1178.077

BM 28-8
Centinela Ave & 1st Pl. Ely of Sepulveda Blvd
See FB 3703-187-188

Backsight stadia = 514
Foresight Stadia = 510
Total Stadia = 1024 meters

F.B. 2826 PG. 112
SURVEY OF E.A. Co. Precise Level Net
SURVEY BY T. E. Brooks
INDEXED C. J. GALLI
JOB NO. 0301.02
NOTES FE Brooks 10 May 65
DATE
WEATHER clear
TIME 1:10 - 1:50
NOTES CHKD [signature]
INST. NO. 96716
ROD NO. 9-19
DATE MAY 24 '65

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R. E. Brooks

NOTES BY W. Bustamante C. J. Gill

DATE 6-9-65

WEATHER Cloudy

TIME 8:20 - 3:05

INST. NO. 2 PL

ROD NO. 2-19

F.B. 1351 PG. 13

INDEXED

DATE

NOTES CHKD

DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 28-9 TO BM 28-10
BM 28-9									BM 28-9 La Tijera Blvd. & Thornburn St. (E.) See F.B. 1351-13
1	167	936	468	5	222	250	523	5	
2	50	930	351	5	264	833	565	5	T Kapp
3	40	595	341	5	290	423	591	5	
4	10	730	311	5	255	170	556	5	Summation of Rur From B.M. 28-9 To B.M. 28-10
5	204	515	505	5	130	165	431	5	
6	167	098	468	5	85	957	386	5	Total Backsights = + 1557.342'
7	296	650	597	5	50	048	351	5	Total Foresights = − 1870.169'
8	292	636	593	5	94	500	395	5	Diff. Elev. = − 312.827'
9	160	340	461	5	295	898	596	5	Backsight stadia = 328'
10	165	918	466	5	180	925	481	5	Foresight Stadia = 328'
	1557	342			1870	169			Total Stadia = 656' meters
BM 28-10									BM 28-10 Thornburn St. at P.I. 477' W. of La Cienega Blvd. See F.B. 1351-14

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA
BM 28-10								
1	182	291	483 5	201 163 38	166	670	467 5	104 148 36
2	290	185	591 5	291 26x2 265 52 90	153	742	454 5	175 131 44 80
3	141	751	442 5	159 123 36 126	300	028	601 5	301 21x2 279 42 122
4	9	470	310 5	18 9x2 9 18 144	301	251	602 5	301 10x2 291 20 142
5	91	876	392 5	101 81 20 164	167	413	468 5	177 157 20 162
6	127	575	428 5	151 103 48 212	204	351	505 5	228 180 48 210
7	235	111	536 5	244 226 28 240	5	817	306 5	15 10x2 5 20 230
8	293	880	594 5	293 11x2 282 22 262	42	100	343 5	56 28 28 258
9	269	175	570 5	286 252 34 296	44	170	345 5	64 24 40 298
10	225	598	526 5	243 207 36 332	168	692	469 5	188 148 40 338
	1866	912			1554	234		
BM 28-9								

DESCRIPTION AND REMARKS

FROM BM 28-10 TO BM 28-9

BM 28-10
Thornburn St. at P.I.,
477' W. of La Cienega Blvd.
See F.B. 1351-14

K.M. Kapp

Summation of Run
From B.M. 28-10
To B.M. 28-9

Total Backsights = + 1866.912
Total Foresights = − 1554.234
Diff. Elev. = + 312.678

Backsight stadia = 332
Foresight Stadia = 338
Total Stadia = 670 meters

BM 28-9
La Tijera Blvd. &
Thornburn St. (E.)
See F.B. 1351-13

F.B. 2826 PG. 114

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES F.E.B. 10 May 1965

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER clear

TIME 10:25 - 11:10

NOTES CHKD [signature]

INST. NO. 96916

ROD NO. 9-19

DATE MAY 24 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 28-10 TO BM 28-11A
BM 28-10									BM 28-10
1	231	385	532 5	254 208 46	87	190	388 5	112 62 50	Thornburn St. at P.I. 477' W. of ~~Freeman~~ La Cienega Blvd.
2	120	411	421 5	141 99 42 88	181	275	482 5	200 162 38 88	See F.B. 1351-14
									π Kapp
	351	796			268	465			
BM 28-11A									BM 28-11A La Cienega Blvd. & Industrial Ave. See F.B. 3703-193

Summation of Run
From B.M. 28-10
To B.M. 28-11A

Total Backsights = + 351.796
Total Foresights = − 268.465
Diff. Elev. = + 83.331

Backsight stadia = 88
Foresight Stadia = 88
Total Stadia = 176 meters

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

SURVEY BY F. E. Brooks

NOTES BY M. Bustrum DATE 4-7-65

INDEXED C. J. [illegible] DATE

WEATHER Over cast INST. NO. 9671

TIME 3:10-3:20 ROD NO. 9-14

NOTES CHKD. [illegible] DATE NOV 24 '65

F.B. 2821 PG. 115

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 282C PG. 116 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES F.E.B. 10 May 65

INDEXED C. J. GALLI DATE

WEATHER clear INST. NO. 2116

TIME 10:20-10:25 ROD NO. 9-19

NOTES CHKD [illegible] DATE MAY 24 '65

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 28-11A TO BM 28-10
BM 28-11A									BM 28-11A La Cienega Blvd. & Industrial Ave. See F.B. 3703-193
1	201	020	502 5	221 181 40	130	013	431 5	150 110 40	
2	93	796	394 5	116 70 46 86	248	210	549 5	272 224 48 88	K. M. Kapp
	295	616	/		379	023	/		
BM 28-10									BM 28-10 Thornburn St. at P.I., 477' W. of La Cienega Blvd. See F.B. 1351-14

Summation of Run

From B.M. 28-11A

To B.M. 28-10

Total Backsights	= +	295.616 ✓
Total Foresights	= −	379.023 ✓
Diff. Elev.	=	~~248.210~~ −83.407 ✓

Backsight stadia	=	86
Foresight Stadia	=	88
Total Stadia	=	174 ✓ meters

76P826 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY F. E. Brooks
NOTES BY H. F. Hiegel DATE 4-8-65 WEATHER Cloudy
INDEXED C. J. GALLI DATE TIME 7:30 - 16:45 INST. NO. 9-19
NOTES CHKD DATE NOV 24 65 ROD NO.
F.B. 1551 Pg. 111

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
									FROM BM 28-11A TO BM 28-12
BM 28-11A									BM 28-11A La Ciénega Blvd. & Industrial Ave. See F.B. 3703-193
1.	192	588	493	5 ~~488~~ 217 167 50	64	555	365	5 88 39 50	
2.	206	269	507	5 232 180 52	404	059	465	5 130 78 52	
3	164	300	465	5 190 138 52 102	116	388	417	5 142 90 52 102	π Workman
4	168	982	469	5 194 142 52 154	116	237	417	5 142 90 52 154	Summation of Run From B.M. 28-11A To B.M. 28-12
5	249	159	550	5 274 224 50 206	96	532	397	5 120 70 50 206	
6	234	623	535	5 260 208 52 256	92	233	393	5 118 66 52 256	Total Backsights = + 2598.732'
7	215	150	516	5 240 190 50 308	124	058	425	5 150 98 52 308	Total Foresights = − 1645.808'
8	240	542	541	5 266 214 52 358	195	743	496	5 220 170 50 360	Diff. Elev. = + 952.924'
9	301	318	602	5 301 278 (1/2) 46 410	76	731	377	5 98 54 44 410	Backsight stadia = 572' Foresight Stadia = 572' Total Stadia = 1144' meters
10	256	743	557	5 282 230 52 456	128	019	429	5 154 102 52 454	
11	180	986	481	5 204 156 48 508	121	033	422	5 142 100 42 506	
12	188	162	489	5 196 180 16 556	110	220	411	5 122 98 24 548	
BM 28-12				572				572	BM 28-12 (U.S.G.S. 16) Inglewood Santa Fe R.R. Sta. near Florence Ave. & Eucalyptus Ave. See F.B. 3763-195 & 196
	2598	732			1645	808			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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
BM 28-12								
1	124	675	425 5	135 113 22	203	730	504 5	213 193 20
2	126	129	427 5	146 106 40 62	186	480	487 5	210 162 48 68
3	130	355	431 5	157 103 54 116	258	758	559 5	283 253 50 118
4	118	588	419 5	141 95 46 162	271	015	572 5	293 249 44 162
5	162	540	463 5	186 138 48 210	196	420	497 5	222 170 52 214
6	136	988	437 5	162 110 52 262	217	960	518 5	242 192 50 264
7	84	930	385 5	110 58 52 314	225	702	526 5	250 200 50 314
8	96	230	397 5	121 71 50 364	252	320	553 5	277 227 50 364
9	130	150	431 5	156 104 52 416	201	940	502 5	227 175 52 416
10	132	700	433 5	157 107 50 466	161	805	462 5	187 135 52 468
11	111	198	412 5	136 86 50 516	214	023	515 5	240 188 52 520
12	90	092	371 5	96 44 52 568	197	385	498 5	221 173 48 568
BM 28-11A	1424	575			2587	538		

DESCRIPTION AND REMARKS

FROM BM 28-12 TO BM 28-11A

BM 28-12 (U.S.G.S. 16)
Inglewood Santa Fe R.R.
Sta. near Florence Ave
& Eucalyptus Ave
See F.B. 3703-195 & 196

K.M. Kapp

Summation of Run
From B.M. 28-12
To B.M. 28-11A

Total Backsights = + 1424.575
Total Foresights = − 2587.538
Diff. Elev. = − 1162.963

Backsight stadia = 568
Foresight Stadia = 568
Total Stadia = 1136 meters

BM 28-11A
La Cienega Blvd. &
Industrial Ave.
See F.B. 3703-193

F.B. 2826 PG. 118

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES F.E.B. 10 May 65

INDEXED C. J. GALLI DATE

WEATHER clear

TIME 9:35 - 10:15

NOTES CHKD [signature]

INST. NO. 96716

ROD NO. 9-19

DATE MAY 24 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY E. E. Brooks WEATHER Overcast INST. NO. 28716

NOTES BY K. M. Fagg DATE 5-12-65 TIME 9:50 ROD NO. 8-18

INDEXED C. J. Gaul DATE NOTES CHKD DATE

F.B. 28211 Pg. 118A

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM 28-11A To BM 28-12
BM 28-11A													BM 28-11A
1	262	889	503	5	227 / 177	50	74	651	375	5	99 / 49	50	La Cienega Blvd and Industrial Ave
													See F.B. 3703-193
2	205	468	506	5	236 / 186	50 / 100	103	723	404	5	129 / 77	52 / 102	T Cieber
3	141	700	442	5	166 / 115	51 / 151	93	797	394	5	118 / 68	50 / 152	
4	175	022	476	5	206 / 149	51 / 202	122	000	423	5	148 / 96	52 / 204	Summation of Run From B.M. 28-11A To B.M. 28-12
5	244	761	545	5	267 / 216	49 / 251	89	778	390	5	114 / 64	50 / 254	
6	217	028	518	5	243 / 191	52 / 303	75	904	376	5	101 / 49	52 / 306	Total Backsights = + 2462.580 ✓ Total Foresights = − 1299.907 ✓
7	215	487	516	5	241 / 189	52 / 355	130	697	431	5	155 / 105	50 / 356	Diff. Elev. = + 1162.673 ✓
8	195	440	496	5	221 / 169	52 / 407	145	691	446	5	171 / 119	52 / 408	
9	248	167	549	5	268 / 227	41 / 448	112	939	413	5	133 / 91	42 / 450	
10	247	481	548	5	274 / 219	55 / 503	121	556	422	5	147 / 95	52 / 502	Backsight stadia = 567 ✓ Foresight Stadia = 570 ✓ Total Stadia = 1137 ✓ meters
11	179	688	480	5	203 / 155	48 / 551	111	429	412	5	133 / 89	44 / 546	
12	181	309	490	5	197 / 161	36 / 587	117	748	418	5	124 / 105	24 / 570	BM 28-12 (~~USGS~~ USGS 16) Inglewood Santa Fe R.R. Sta. near Florence Ave and Eucalyptus Ave. See F.B. 3703-195 & 196
	~~2462.751~~						1299.907 ✓						
BM 28-12	2462.580 ✓												

F.B. 2821 Pg. 118B JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

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

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 28-12 TO BM 28-13
BM 28-12									BM 28-12 (U.S.G.S. 16) Inglewood Santa Fe R.R. Station near Florence Ave. & Eucalyptus Ave. See F.B. 3703-195 & 196
1	169	479	470 5	186 152 34	126	672	427 5	144 108 36	T Workman
BM 28-13									BM 28-13 (USC&GS N 417) Inglewood Santa Fe R.R. Station near Florence Ave and Eucalyptus Ave See F.B. 3703-195, 196

Summation of Run
From B.M. 28-12
To B.M. 28-13

Total Backsights = + 169.479
Total Foresights = − 126.672
Diff. Elev. = + 42.807

Backsight stadia = 34
Foresight Stadia = 36
Total stadia = 70' meters

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

SURVEY BY P. E. Brooks WEATHER Cloudy INST. NO. 96716

NOTES BY [illegible] DATE 4-9-65 TIME 10:45 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE MAY 24 '65

F.B. 2842 PG. 119

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 28-13 TO BM 28-12
BM28-13	138	369	439 5	156 120 36	181	242	482 5	199 163 36	BM28-13 (USCG GS N-417) Inglewood Santa Fe R.R. Station near Florence Ave and Eucalyptus Ave. See F.B. 3703-195, 196 ⊼ KM Kapp
BM28-12									BM 28-12 (USGS 16) Inglewood Santa Fe R.R. Station near Florence Ave and Eucalyptus Ave see F.B. 3703-195, 196 Summation of Run From B.M. 28-13 To B.M. 28-12 Total Backsights = + 138.369 Total Foresights = − 181.242 Diff. Elev. = − 42.873 Backsight stadia = 36 Foresight Stadia = 36 Total Stadia = 72 meters

F.B. 2826 PG. 120

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES FEB 10 May 65

INDEXED J. GALLI DATE

JOB NO. 0301.02

WEATHER clear

TIME 9:30

NOTES CHKD [signature]

INST. NO. 96716

ROD NO. 9-19

DATE MAY 24 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY F. E. Brooks WEATHER Cloudy INST. NO. 967K

NOTES BY V. F. LIEBER DATE 4-9-65 TIME 1:00-1:20 ROD NO. 9-19

INDEXED C. J. GALLE DATE NOTES CHKD [illegible] DATE MAY 24

F.B. 2826 Pg. 121

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 28-13 TO BM 28-13A
BM.28-13									BM.28-13 (USC.&GS N-417) INGLEWOOD SANTAFE RR.
1	168	136	469 5	194 / 142 52	134	197	435 5	160 / 108 52	STATION NEAR FLORENCE AVE & EUCALYPTUS AVE.
2.	141	579	442 5	166 / 160 50	77	598	378 5	102 / 52 50	SEE F.B. 3703-195 & 196
				102				102	
3.	212	807	513 5	240 / 184 56	103	368	404 5	132 / 76 56	⊼ AL WORKMAN.
	522.522			158	315.163			158	
BM 28-13A									BM 28-13A (USS&GS P-971) Florence Ave. & Grevillea Ave. See F.B. 3703-197

Summation of Run
From B.M. 28-13
To B.M. 28-13 A
Total Backsights = + 522.522
Total Foresights = − 315.163
Diff. Elev. = + 207.359

Backsight stadia = 158
Foresight Stadia = 158
Total Stadia = 316 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2826 PG. 122 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES E. E. Brooks 10 May 65

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 96216

TIME 9:15 - 9:30 ROD NO. 9-19

NOTES CHKD. [illegible] DATE MAY 24 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-13A TO BM 28-13
BM 28-13A													BM 28-13A (USC&GS P-971) Florence Ave and Grevillea Ave See F.B. 3703-197
1	106	590	407	5	134 / 78	56	215	763	516	5	243 / 187	56	
2	112	070	413	5	137 / 87	50 / 106	173	118	474	5	198 / 148	50 / 106	π K.M. Kapp
3	136	822	437	5	162 / 110	52 / 158	174	140	475	5	200 / 148	52 / 158	
	355	482					563	021					
BM 21-13													BM 21-13 (USC&GS N 417) Inglewood Santa Fe R.R. Sta. near Florence Ave & Eucalyptus Ave. See F.B. 3703-195 & 196

Summation of Run
From B.M. 28-13A
To B.M. 28-13

Total Backsights = + 355.482
Total Foresights = − 563.021
Diff. Elev. = − 207.539

Backsight stadia = 158
Foresight Stadia = 158
Total Stadia = 316 meters

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM BM28-13A TO BM28-13B
BM 28-13A									BM28-13A (U.S.C.&G.S P971) Florence Ave & Grevilla Ave, See FB 3703-197
1	81	165	382 5	92 69 23	171	297	472 5	181 161 20	T Lieber
BM 28-13B									BM28-13B (U.S.C.&G.S G417) Florence Ave & Grevilla Ave See FB 3703-197

Summation of Run
From B.M. 28-13A
To B.M. 28-13B

Total Backsights = + 81.165
Total Foresights = − 171.297
Diff. Elev. = −90.132

Backsight stadia = 23
Foresight Stadia = 20
Total Stadia = 43 meters

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

SURVEY BY F. B. Brooks WEATHER Overcast INST. NO. 76776

NOTES BY K. M. Kepp DATE 5-12-65 TIME 11:25 ROD NO. 8-19

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE MAY 24 '65

F.B. 2826 Pg. 123

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-13B TO BM 28-13A
BM28-13B													BM28-13B (U.S.C. & G.S. G.417) Florence Ave & Grevilla Ave See FB 3703-197
													π Lieber
1	179	975	480	5	189 / 169	20	89	822	390	5	101 / 77	24	
BM 28-13A													BM 28-13A (U.S.C. & G.S P971) Florence Ave., & Grevilla Ave. See FB 3703-197

Summation of Run
From B.M. 28-13B
To B.M. 28-13A

Total Backsights = + 179.975
Total Foresights = − 89.822
Diff. Elev. = + 90.153

Backsight stadia = 20
Foresight Stadia = 24
Total Stadia = 44 meters

F.B. 2026 PG. 124 JOB NO. 0301 02
SURVEY OF E.A. Co. Precise Level Net
SURVEY BY E. E. Brooks NOTES K.M. Kapp 5-17-65
INDEXED C. J. GALLI DATE
WEATHER Hazy INST. NO. 96716
TIME 11:40 ROD NO. 9-19
NOTES CHKD [signature] DATE MAY 24 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 28-13B TO BM 28-14A
BM 28-13B									BM 28-13B (U.S.C. & G.S. G. 417) Florence Ave & Grevillea Ave. See FB 3703-197
1	225	726	526 5	295 706 39	82	842	383 5	102 62 40	π Lieber
BM 28-14A									BM 28-14A (USC&GS 2978) Florence Ave., 328' ± w'ly of La Brea Ave. See F.B. 3703-199

Summation of Run
From B.M. 28-13B
To B.M. 28-14A

Total Backsights = + 225.726
Total Foresights = − 82.842
Diff. Elev. = + 142.884

Backsight stadia = 39
Foresight Stadia = 40
Total Stadia = 79 meters

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

SURVEY BY F. E. Brooks

NOTES BY K. M. Kapp DATE 5-12-65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 11:33 ROD NO. 9-19

NOTES CHKD [signature] DATE MAY 24 '65

F.B. 2826 Pg. 125

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2824 PG. 126 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY R. E. Brock NOTES K.H. Kapp 5-17-65

INDEXED C. J. GALLI DATE

WEATHER Hazy TIME 11:35 NOTES CHKD. [illegible] DATE MAY 24 '65

INST. NO. 96716 ROD NO. 9-19

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 28-14A TO BM 28-13B
BM 28-14A									BM 28-14A (USC&GS Z 976) Florence Ave, 328' ± W'ly. of La Brea Ave. See F.B. 3703 — 199
1	91	915	392 5	111 71	234	772	535 5	252 215 37	T Liebe.
BM 28-13B									BM 28-13B (USC&GS G417) Florence Ave. & Grevillea Ave. See F.B. 3703 — 197

Summation of Run

From B.M. 28-14A

To B.M. 28-13B

Total Backsights = + 91.915

Total Foresights = − 234.772

Diff. Elev. = −142.857

Backsight stadia = 40

Foresight Stadia = 37

Total Stadia = 77 meters

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 28-14A TO BM 28-14B
BM 28-14A									BM 28-14A (U.S.C.&G.S. L 978) Florence Ave., 328 FT ± W'ly of La Brea Ave. See FB 3703-199
1	240	921	541 5	253 227 26	109	616	410 5	122 96 26	π Lieber
BM 28-14B									BM 28-14B (USC&GS E 417) Florence Ave 161± ft. W'ly of La Brea Ave. See F.B. 3703-199

Summation of Run
From B.M. 28-14A
To B.M. 28-14B

Total Backsights = + 240.921
Total Foresights = − 109.616
Diff. Elev. = + 131.305

Backsight stadia = 26
Foresight Stadia = 26
Total Stadia = 52 Meters

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

SURVEY BY R. E. Brooks

NOTES BY K. H. Kapp DATE 5-12-65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 11:45 ROD NO. 8-19

NOTES CHKD [signature] DATE MAY 24 '65

F.B. 1826 PG. 127

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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 BM28-14B TO BM28-14A
BM28-14B									BM 28-14B (USC&GS E-417) Florence Ave 161± ft w'ly of La Brea Ave. See F.B. 3703-199
1	116	~~401~~ 410	417 5	129 103 26	247	680	548 5	261 234 27	⊼ Lieber
BM28-14A									BM 28-14A (USC&GS L978) Florence Ave 328± ft w'ly of La Brea Ave. See F.B. 3703-199

Summation of Run
From B.M. 28-14B
To B.M. 28-14A

Total Backsights = + 116.410 ✓
Total Foresights = − 247.680 ✓
Diff. Elev. = − 131.270 ✓

Backsight stadia = 26 ✓
Foresight Stadia = 27 ✓
Total Stadia = 53 ✓ Meters

F.B. 2826 PG. 128
SURVEY OF E.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES K. M. Kapp 5-17-65
INDEXED C. J. GALLI DATE
JOB NO. 0301.02
WEATHER Hazy
TIME 11:25
NOTES CHKD [signature]
INST. NO. 96716
ROD NO. 9-19
DATE MAY 24 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM28-14B TO BM28-14
BM28-14B									BM 28-14B (U.S.C.&G.S E417) Florence Ave; 161 Ft ± W'ly of LA BREA AVE. See FB 3703-199
1	205	359	506 5	216 194 22	162	755	463 5	179 150 24	π Lieber
BM28-14									BM 28-14 (USC&GS D417) Florence Ave. & La Brea Ave See F.B. 3703-201

Summation of Run
From B.M. 28-14B
To B.M. 28-14

Total Backsights = + 205.359
Total Foresights = − 162.755
Diff. Elev. = + 42.604

Backsight stadia = 22
Foresight Stadia = 24
Total Stadia = 46 meters

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

SURVEY BY R. E. Brooks WEATHER Overcast INST. NO. 96716

NOTES BY R. H. Kapp DATE 5-12-65 TIME 11:35 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE MAY 24 '65

F.B. 28226 PG. 129

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2826 PG. 130 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES K. M. Kapp

INDEXED G. J. GALLI DATE

WEATHER Hazy INST. NO. 9716

TIME 11:26 ROD NO. 9-19

NOTES CHKD DATE MAY 24 '65

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 28-14 TO BM 28-14B
BM 28-14									BM 28-14 (USC&GS D 417) Florence Ave. & La Brea Ave. See F.B. 3763-201
									T Lieber
1	161	883	4665	179 / 149 25	204	450	5055	215 / 193 22	
BM 28-14B									BM 28-14B (USC&GS E 417) Florence Ave., 161' ± W'ly. of La Brea Ave. See F.B. 3763-199

Summation of Run
From B.M. 28-14
To B.M. 28-14B

Total Backsights = + 161.883 ✓
Total Foresights = − 204.450 ✓
Diff. Elev. = −42.567 ✓

Backsight stadia = 25 ✓
Foresight Stadia = 22
Total Stadia = 47 Meters

76P526 CE # 308 3-61

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY E. E. Brooks

NOTES BY [illegible] DATE 2-12-62

INDEXED C. J. GALLI DATE

WEATHER Overcast

TIME 11:58 AM

NOTES CHKD [illegible] DATE MAY 24 '65

INST. NO 96916

ROD NO. 9-19

F.B. 2826 PG. 131

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM28-14 TO BM28-15A
BM28-14									BM28-14 (U.S.C.&G.S. D417) Florence Ave & La Brea Ave. See FB 3703-201
/	157	963	4585	174 140 34	152	512 ~~501~~	4535	168 136 32	π Lieber
BM28-15A									BM28-15A (USC&GS S978) Florence Ave and La Brea Ave See F.B. 3703-201

Summation of Run
From B.M. 28-14
To B.M. 28-15A

Total Backsights = + 157.963
Total Foresights = − 152.512
Diff. Elev. = + 5.451

Backsight stadia = 34
Foresight Stadia = 32
Total Stadia = 66

Meters

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. 2826 PG. 132 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY R. E. Brooks NOTES K. M. Kemp 5-17-65

INDEXED C. J. GALLI DATE

WEATHER Hazy TIME 1:15

NOTES CHKD. DATE NOV 24 '65

INST. NO. 2816

ROD NO. 9-19

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 28-15A TO BM 28-14
BM 28-15A							BM 28-15A (USC&GS S 978) Florence Ave and La Brea Ave See F.B. 3703-201
1	152 205	453 5	168 135 33	157 569	458 5	174 140 34	T Lieber
BM 28-14							BM 28-14 (USC&GS D 417) Florence Ave and La Brea Ave See F.B. 3703-201

Summation of Run
From B.M. 28-15A
To B.M. 28-14

Total Backsights = + 152.205
Total Foresights = − 157.569
Diff. Elev. = − 5.364

Backsight stadia = 33
Foresight Stadia = 34
Total Stadia = 67
Meters

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 28-15A TO BM 28-16A
BM 28-15A									BM 28-15A (U.S.C. & G.S. S 978) Florence Ave & La Brea Ave. See FB 3703-201
1	174	318	475 5	199 149 50	115	967	416 5	140 90 50	
2	210	870	511 5	235 185 50 100	116	168	417 5	141 90 51 101	
3	198	105	499 5	221 175 46 146	126	910	427 5	148 104 44 145	
4	169	257	470 5	194 144 50 196	37	955	338 5	62 12 50 195	
5	192	320	493 5	216 168 48 244	115	318	416 5	140 90 50 245	
6	156	984	457 5	179 132 47 291	65	571	366 5	89 40 49 294	
7	182	202	483 5	196 168 28 319	154	121	455 5	168 140 28 322	
	1284	056			732	010			
BM 28-16A									BM 28-16A (USC&GS P 978) A.T.& S.F. R.R. N. side 200± ft. W'ly of W'ly cl. of Centinella Ave. See F.B. 3703-203

π V.F. Lieber

Summation of Run
From B.M. 28-15A
To B.M. 28-16A

Total Backsights = + 1284.056
Total Foresights = − 732.010
Diff. Elev. = + 552.046

Backsight stadia = 319
Foresight Stadia = 322
Total Stadia = 641 meters

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

SURVEY BY E. E. Brooks

NOTES BY E. E. Brooks DATE 12 May 1965 WEATHER overcast INST. NO. 96716

INDEXED C. J. GALLI DATE TIME 1:20 - 1:50 ROD NO. 9-19

NOTES CHKD [illegible] DATE MAY 24 '65

F.B. 2826 PG. 133

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2826 PG. 134 JOB NO. 6301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E.E. Brooks NOTES F.B. 17 May 65

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 21716

TIME 10:30-11:00 ROD NO. 9-19

NOTES CHKD. DATE MAY 24 '68

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM 28-16A TO BM 28-15A
BM 28-16A													BM 28-16A (USC&GS P978) AT & SFRR (N. side) 200 ft ± W'ly of W'ly curb of Centinella Ave.
1	146	873	447	5	160 132	28	167	375	468	5	182 152	30	
2	52	679	353	5	76 28	48 76	181	993	482	5	204 158	46 96	See F.B. 3703-203
3	120	659	421	5	144 95	45 121	206	440	507	5	230 182	48 124	VF Lieber
4	72	759	373	5	98 47	50 171	171	847	472	5	195 146	49 173	Summation of Run From B.M. 28-16A To B.M. 28-15A
5	134	772	435	5	156 112	44 215	198	282	499	5	227 171	50 223	
6	112	433	413	5	139 84	55 270	207	923	508	5	230 184	46 269	Total Backsights = + 761.393 Total Foresights = − 1313.398 Diff. Elev. = −552.005
7	121	218	422	5	146 96	50 320	179	938	480	5	204 154	50 319	
	761	393					1313	398					Backsight stadia = 320 Foresight Stadia = 319 Total Stadia = 639 meters
BM 28-15A													BM 28-15A (USC&GS 5978) Florence Ave and La Brea Ave. See F.B. 3703-201

76P526 CE # 308 3-61

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM28-16A TO BM28-17
BM28-16A									BM28-16A (U.S.C.&G.S. P978) A.T.&S.F. R/R. (N. Side) 200 FT ±. W'LY, OF W'LY, C.B. OF CENTINELLA AVE. See FB 3703-203
1	216	368	517 5	241 / 191 50	68	215	369 5	94 / 42 52	
									⊼ V.F. Lieber
BM28-17									BM28-17 (USC&GS M416) Florence Ave and Centinella Ave See F.B. 3703-204

Summation of Run
From B.M. 28-16A
To B.M. 28-17

Total Backsights = + 216.368
Total Foresights = − 68.215
Diff. Elev. = +148.153

Backsight stadia = 50
Foresight Stadia = 52
Total Stadia = 102 meters

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

SURVEY BY F. E. Brooks WEATHER overcast INST. NO. 2676

NOTES BY F. E. Brooks DATE 12 May 1965 TIME 2:00 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE MAY 24 '65

F.B. 2826 Pg. 135

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM28-17 TO BM28-16A
BM28-17									BM28-17 (USC&GS- M416) Florence Ave and Centinella Ave.
	76	908	377 5	102 50 52	225	075	526 5	250 200 50	See F.B. 3703-204
									V.F. Lieber
BM28-16A									BM28-16A (USC&GS P978) AT&SFRR (N. side) 200 ft t W'ly of W'ly curb of Centinella Ave. See F.B. 3703-203

Summation of Run
From B.M. 28-17
To B.M. 28-16A

Total Backsights = + 76.908
Total Foresights = − 225.075
Diff. Elev. = −148.167

Backsight stadia = 52
Foresight Stadia = 50
Total Stadia = 102 meters

F.B. 2826 PG. 136

SURVEY OF L.A. Co. Precise Level Net JOB NO. 0301.02

SURVEY BY F. E. Brooks NOTES F.E.B. 17 May 65

INDEXED C. J. GALLI DATE

WEATHER clear INST. NO. 96716

TIME 10:25 ROD NO. 9-19

NOTES CHKD [signature] DATE MAY 24 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 28-17 TO BM 28-17A
BM 28-17									BM 28-17 (U.S.C & G.S. M 416) FLORENCE AVE & CENTINELLA AVE. See FB 3703-204
1	185	030	486 5	210 160 50	80	088	381 5	104 56 48	
2	214	068	515 5	238 190 48 98	90	348	391 5	14 66 45 7 96	π Lieber
3	210	335	511 5	234 186 48 146	113	568	414 5	136 89 48 144	
4	181	433	482 5	190 172 18 164	142	650	443 5	152 132 20 164	
	790	866			426	654			
BM 28-17A									BM 28-17A (USC&GS E 416) Florence Ave. & Prairie Ave. See F.B. 3703-205

Summation of Run
From B.M. 28-17
To B.M. 28-17A

Total Backsights = + 790.866
Total Foresights = − 426.654
Diff. Elev. = + 364.212

Backsight stadia = 164
Foresight Stadia = 164
Total Stadia = 328 Meters

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

SURVEY BY E. E. Brooks

NOTES BY [illegible] DATE [illegible]

INDEXED C. J. [illegible] DATE

WEATHER Overcast INST. NO. [illegible]

TIME 2:15 [illegible] ROD NO. 9-19

NOTES CHKD [illegible] DATE [illegible] 24 '65

F.B. 2826 PG. 137

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 28-17A TO BM 28-17
BM 28-17A									BM 28-17A (USC&GS E 416) Florence Ave. & Prairie Ave See F.B. 3703-205
1	139	729	440 5	148 / 130 18	177	720	478 5	187 / 167 20	
2	110	675	411 5	134 / 66 48 / 66	208	080	509 5	232 / 184 48 / 68	π Lieber
3	82	359	383 5	106 / 58 48 / 114	205	798	506 5	230 / 180 50 / 118	
4	94	989	395 5	118 / 70 48 / 162	200	358	501 5	224 / 176 48 / 166	
	427	752			791	956			
BM 28-17*									BM 28-17 (USC&GS M 416) Florence Ave. & Centinela Ave. See F.B. 3703-204

Summation of Run
From B.M. 28-17A
To B.M. 28-17

Total Backsights = + 427.752
Total Foresights = − 791.956
Diff. Elev. = − 364.204

Backsight stadia = 162
Foresight Stadia = 166
Total Stadia = 328 Meters

F.B. 2826 PG. 138 JOB NO. 0301.02 Precise Level Net
SURVEY OF E.A. Co.
SURVEY BY F. E. Brooks NOTES K. M. Kapp 5-17-65
INDEXED C. J. GALLI DATE
WEATHER Hazy INST. NO. 96716
TIME 10:00 - 10:20 ROD NO. 9-19
NOTES CHKD [signature] DATE MAY 24 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY E. E. Brooks

NOTES BY J. M. Kapp DATE 3-12-65 WEATHER Cloudy INST. NO. 2-14

INDEXED C. J. GALLI DATE NOTES CHKD. DATE NOV 24 '65 TIME 8:50 - 3:15 ROD NO. 2-14

F.B. 3703 Pg. 139

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 28-17A TO BM 28-18
BM 28-17A							BM 28-17A (USC&GS E-416) Florence Ave. & Prairie Ave. See F.B. 3703-205
1	184 896	485 5	207 161 46	129 063	436 5	152 106 46	
2	208 788	569 5	230 185 45 91	114 124	415 5	137 96 41 93	π Lieber
3	142 300	493 5	215 169 46 137	124 335	425 5	148 106 46 141	
4	196 642	477 5	220 172 48 185	126 307	427 5	177 165 42 183	
5	194 635	475 5	208 179 29 219	157 398	458 5	172 142 30 213	
	~~467~~ 976 655			651 227			
BM 28-18							BM 28-18 (USC&GS V-415) Florence Ave., Redondo Blvd & A.T. & S.F. R.R. See F.B. 3703-207

Summation of Run
From B.M. 28-17A
To B.M. 28-18

Total Backsights = + 976.655
Total Foresights = − 651.227
Diff. Elev. = + 325.428

Backsight stadia = 214
Foresight Stadia = 213
Total Stadia = 427 Meters

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 BM 28-18 TO BM 28-17A
BM 28-18									BM 28-18 (USC&GS V-415) Florence Ave., Redondo Blvd. & A.T. & S.F. R.R. See F.B. 3703-207
1	158	123	459 5	172 / 144 / 28	195	342	496 5	211 / 180 / 31	
2	126	040	427 5	149 / 103 / 46 / 74	195	343	496 5	217 / 172 / 45 / 76	⊼ Lieber
3	122	045	423 5	146 / 98 / 48 / 122	190	659	491 5	212 / 167 / 45 / 121	
4	116	049	417 5	137 / 92 / 45 / 167	213	474	514 5	236 / 190 / 46 / 167	
5	131	270	432 5	155 / 108 / 47 / 214	184	094	485 5	207 / 161 / 46 / 213	✓
	653	527	✓		978	912	✓		
BM 28-17A									BM 28-17A (USC&GS E 416) Florence Ave. & Prairie Ave See F.B. 3703-205

Summation of Run
From B.M. 28-18
To B.M. 28-17A

Total Backsights = + 653.527 ✓
Total Foresights = − 978.912 ✓
Diff. Elev. = − 325.385 ✓

Backsight stadia = 214 ✓
Foresight Stadia = 213 ✓
Total Stadia = 427 ✓
Meters

F.B. 2821 PG. 140 JOB NO. 0301.02

SURVEY OF E.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES K.M. Kapp 5-17-65

INDEXED C. J. GALLI DATE

WEATHER Hazy TIME 9:25 - 9:55 NOTES CHKD [signature]

INST. NO. 96716 ROD NO. 9-19 DATE NOV 24 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks DATE 12 May 65

INDEXED C. J. GALLI DATE

WEATHER Overcast

TIME 3:15 - 3:20

NOTES CHKD [illegible] DATE [illegible]

INST. NO. 96716

ROD NO. 9-19

F.B. 2826 PG. 141

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 28-18 TO BM 28-19A
BM 28-18									BM 28-18 (USC&GS V-415) Florence Ave., Redondo Blvd. & A.T. & S.F. R.R. See F.B. 3703-207
1	197	751	498 5	219 / 175 44	132	910	433 5	154 / 110 44	
2	148	959	449 5	152 / 144 8 / 52	118	581		122 / 114 8 / 52	T V F Lieber
	346	710			251	491			steel tape used on Foresight
BM 28-19A									BM 28-19A (USC&GS E-973) Florence Ave & Redondo Blvd. N.E. Cor. See F.B. 3703-207-208

Summation of Run
From B.M. 28-18
To B.M. 28-19A

Total Backsights = + 346.710
Total Foresights = − 251.491
Diff. Elev. = + 95.219

Backsight stadia = 52
Foresight Stadia = 52
Total Stadia = 104 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 BM28-19A TO BM28-18
BM28-19A									BM28-19A (USC&GS E973) Florence Ave & Redondo Blvd. N.E. Cor.
1	115	172	—	118 111 7	149	989	450 5	153 146 7	See F.B. 3703-207 & 208)
			Used Steel Tape						
2	137	589	438 5	159 114 45 52	198	080	499 5	226 176 49 51	Lieber
	252	761			348	069			
BM28-18									BM28-18 (USC&GS V415) Florence Ave Redondo Blvd and A.T.&S.F.R.R. See F.B. 3703-207

Summation of Run
From B.M. 28-19A
To B.M. 28-18

Total Backsights = + 252.761
Total Foresights = − 348.069
Diff. Elev. = − 95.308

Backsight stadia = 52
Foresight Stadia = 51
Total Stadia = 103 meters

F.B. 2826 Pg. 142 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES K. M. Kepp 17 May 65
INDEXED C. J. GALLI DATE
WEATHER Hazy INST. NO. 96716
TIME 9:15-9:20 ROD NO. 9-19
NOTES CHKD [illegible] DATE MAY 24 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 28-19A TO BM 28-19B
BM 28-19A									BM 28-19A (USC&GS E-973) Florence Ave. & Redondo Blvd., N.E. Cor. See F.B. 3703-207 & 208
1	119	274		123 115 8	179	503	480 5	183 175 8	
2	142	360	443 5	163 121 42 50	115	461	416 5	135 94 41 49	π VF Lieber
	261	634			294	964			steel tape used on Back sight
BM 28-19B									BM 28-19B (USC&GS S-415) Florence Ave ~~and~~ Aprox 76.0 ft. E'ly of Hight St. Prod. S'ly from N. See F.B. 3703-209

Summation of Run
From B.M. 28-19A
To B.M. 28-19B

Total Backsights = + 261.634
Total Foresights = − 294.964
Diff. Elev. = − 33.330

Backsight stadia = 50
Foresight Stadia = 49
Total Stadia = 99 meters

See Pg. 144 A for Re-Run

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

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks DATE 12 May 65

INDEXED C. J. GALLI DATE

WEATHER overcast INST. NO. 2676

TIME 3:30 - 3:35 ROD NO. 9-19

NOTES CHKD [illegible] DATE [illegible] 24 '65

F.B. 2826 Pg. 143

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM28-19B TO BM28-19A
BM28-19B									BM28-19B (USC&GS S-415) Florence Ave Aprox 76.0 ft. E'ly of High St. Proded. S'ly from N. See F.B. 3703 - 209
1	111	~~121~~ 171	412.5	132 90 42	121	148	422.5	141 101 40	
2	159	161	460.5	163 155 8	114	980		118 111 7	
	270	332		50	236	128		47	π Lieber
									Used steel Tape
BM28-19A									BM28-19A (USC&GS E 973) Florence Ave & Redondo Blvd. N.E. Cor. See F.B. 3703 - 207 & 208

Summation of Run
From B.M. 28 - 19B
To B.M. 28 - 19A

Total Backsights = + ~~159.161~~ 270.332
Total Foresights = − ~~114.980~~ 236.128
Diff. Elev. = ~~+44.181~~ + 34.204

Backsight stadia = ~~42~~ 50
Foresight Stadia = 47
Total Stadia = 97 Meters

See Pg. 144 B for Re-Run

F.B. 2826 Pg. 144 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY E. Brooks NOTES K.M. Kapp 19 May 65
INDEXED C. J. GALLI DATE
WEATHER Hazy INST. NO. 90716
TIME 9:00 - 9:10 ROD NO. 9-19
NOTES CHKD [signature] DATE MAY 24 '65

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R. E. Brooks

NOTES BY F. M. Kapp DATE 11/14/1965 WEATHER Clear-Windy INST. NO. 2-716

TIME 1:05-1:10 ROD NO. 8-12

INDEXED F. F. Gall DATE NOTES CHKD. DATE

F.B. 3703 Pg. 1944

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											From BM 28-19A To BM 28-19B
BM 28-19A			— Used steel			Tape					BM 28-19A (use as GS E-983)
											Florence Ave and Redondo
1	114	434	— 2 —	117 / 110	7	151	938 / ~~44~~	452	5 155 / 147	8	Blvd. N.E. Cor.
											See F.B. 3703 — 207 & 208
2	116	349	417	5 136 / 95	41	112	370	413	5 133 / 92	41	TA Lieber
	230	783			48	264	308			49	
BM 28-19B											BM 28-19B (use as GS S-415)
											Florence Ave aprox 76.0 ft E'ly
											of High St. Prod. S'ly from
											N.
											See F.B. 3703-209

Summation of Run
From B.M. 28-19A
To B.M. 28-19B

Total Backsights = + 230.783
Total Foresights = − 264.308
Diff. Elev. = − 33.525

Backsight stadia = 48
Foresight Stadia = 49
Total Stadia = 97 Meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-19B TO BM 28-19A
BM 28-19B													BM 28-19B (USC&GS S-415)
1	111	365	412	5	131 / 90	41	120	367	421	5	141 / 99	42	Florence Ave., Approx. 76' E'ly. of High St. Prod. S'ly. from N.
	163	423											Used Steel Tape
2	~~120~~	~~8~~	464	5	167 / 159	8 / 49	120	897			124 / 116	8 / 50	See F.B. 3703-209
	274	788					241	264					π Lieber
BM 28-19A													BM 28-19A (USC&GS E-973) Florence Ave. & Redondo Blvd., N.E. Cor. See F.B. 3703-207 & 208

Summation of Run
From B.M. 28-19B
To B.M. 28-19A

Total Backsights = + 274.788
Total Foresights = − 241.264
Diff. Elev. = + 33.524

Backsight stadia = 49
Foresight Stadia = 50
Total Stadia = 99 Meters

F.B. 2826 Pg. 144B JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES K.M. Kapp
INDEXED C. J. GALLI DATE

WEATHER Clear-Windy INST. NO. 96716
TIME 1:15-1:20 ROD NO. 9-19
NOTES CHKD [signature] DATE MAY 24 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-19B TO BM 28-19C
BM 28-19B	80	687	381	5	94 66	28	112	025	419	5	126 98	28	BM 28-19B (USC&GS S-415) Florence Ave., Approx. 76.0 Ft. E'ly of High St. Prod. S'ly. fr. N. See F.B. 3703-209
													⊼ V.F. Lieber
BM 29-19C													BM 28-19C (USC&GS R-415) Florence Ave Aprox 246.3 ft. E'ly of High St. Prod S'ly from N. See F.B. 3703-209 & 210

Summation of Run
From B.M. 28-19B
To B.M. 28-19C

Total Backsights = + 80.687
Total Foresights = − 112.025
Diff. Elev. = − 31.338

Backsight stadia = 28
Foresight Stadia = 28
Total Stadia = 56 meters

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

SURVEY BY E. Brooks

NOTES BY F. E. Brooks DATE 13 May 65 WEATHER Overcast TIME 8:40 INST. NO. 8716 ROD NO. 9-19

INDEXED J. GALLIF DATE NOTES CHKD. [illegible] DATE NOV 24 '65

F.B. 3826 Pg. 145

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-19C TO BM 28-19B
BM 28-19C													BM 28-19C (USC&GS R 415): Florence Ave Aprox 246.3 ft E'ly of High St. Prod S'ly from N. See F.B. 3703-209 & 210
1	112	178	413	5	126 98	28	80	822	381	5	93 66	27	⊼ Lieber
BM 28-19B													BM 28-19B (USC&GS S-415) Florence Ave Aprox 76.0 ft. E'ly of High St. Prod. S'ly from N. See F.B. 3703-209

Summation of Run
From B.M. 28-19C
To B.M. 28-19B

Total Backsights = + 112.178
Total Foresights = − 80.822
Diff. Elev. = + 31.356

Backsight stadia = 28
Foresight Stadia = 27
Total Stadia = 55 meters

F.B. 2826 Pg. 146 JOB NO. 0301.02 Precise Level Net
SURVEY OF L.A. Co.
SURVEY BY F. E. Brooks NOTES K. M. Kapp 5-17-65
INDEXED C. R. CALLI DATE
WEATHER Hazy INST. NO. 96716
TIME 8:55 ROD NO. 9-19
NOTES CHKD [illegible] DATE NOV 24 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-19C TO BM 28-19D
BM 28-19C													BM 28-19C (USC&GS R-415) Florence Ave., Approx. 246.3 Ft. E'ly of High St. Prod. S'ly. fr. N. See F.B. 3703-209 & 210
1	62	995	363	5	84 39	45	154	508	455	5	196 122	44	
2	145	451	446	5	167 123	44 89	163	333	464	5	185 141	44 88	
3	140	321	441	5	156 124	32 121	156	828	457	5	173 139	34 122	T V.F. Lieber
~~4~~	348	769					474	669					
~~5~~													
~~6~~													
BM 28-19D													BM 29-19D (USC&GS L 415) A.T. & S.F. R.R. and West Blvd See F.B. 3703-211

Summation of Run
From B.M. 28-19C
To B.M. 28-19D

Total Backsights = + 348.769
Total Foresights = − 474.669
Diff Elev. = − 125.902

Backsight stadia = 121
Foresight Stadia = 122
Total Stadia = 243 meters

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

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks DATE 13 May 65

INDEXED DATE

WEATHER overcast

TIME 8:45 to 9:00

NOTES CHKD. DATE

INST. NO. 2-19

ROD NO. 2-19

F.B. 3703 Pg. 212

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-19D TO BM28-19C
BM28-19D													BM 28-19D. (USC&GS L415) AT&SF RR & West Blvd. See F.B. 3703-211
1	153	888	454	5	169 136	33	137	699	438	5	159 126	34	
2	165	477	466	5	187 143	44 77	147	597	448	5	169 125	44 78	T Lieber
3	165	618	466	5	188 143	45 122	73	783	374	5	96 51	45 123	
	484	983					359	079					
~~4~~													
~~5~~													
~~6~~													
BM28-19C													BM 28-19C (USC&GS R-415) Florence Ave Aprox 246.3 ft. E'ly of High St. Prod S'ly from N. See F.B. 3703-209, 210

Summation of Run
From B.M. 28-19D
To B.M. 28-19C

Total Backsights = + 484.983
Total Foresights = − 359.079
Diff. Elev. = + 125.904

Backsight stadia = 122
Foresight Stadia = 123
Total Stadia = 245 meters

F.B. 2826 Pg. 148 JOB NO. 0301.02
SURVEY OF E.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES K.M. Kapp MAY 65
INDEXED C. J. GALLI DATE
WEATHER Hazy INST. NO. 96716
TIME 8:40-8:55 ROD NO. 9-19
NOTES CHKD [illegible] DATE NOV 24 '65

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY B. E. Brooks WEATHER Overcast INST. NO 96716

NOTES BY K. M. Kemp DATE 5-13-65 TIME 2:05-2:35 ROD NO 9-19

ENGINEER C. J. GALLI DATE NOTES CHKD DATE JUN 24 '69

F.B. 2826 Pg. 149

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM 28-19D To BM 27-61A
BM 28-19D													BM 28-19D (U.S.C.&G.S. L. 445) A.T.&S.F. R/R & West Blvd. See FB 3703-211
1	133	387	434	5	157 / 109	48	201	809	502	5	224 / 178	46	
2	147	749	448	5	170 / 124	46 / 94	161	521	462	5	183 / 138	45 / 91	T Lieber
3	70	042	371	5	99 / 46	48 / 1 42	172	545	473	5	196 / 148	48 / 139	
4	117	202	418	5	138 / 96	42 / 1 84	214	499	515	5	236 / 192	44 / 1 83	
5	139	639	440	5	193 / 135	8 / 1 42	84	853	385	5	88 / 80	8 / 1 91	
	608	019					835	227					
BM 27-61A													BM 27-61A (USC&GS W-972) Crenshaw Blvd. & A.T.&S.F. R.R. See F.B. 3703-115

Summation of Run
From B.M. 28-19D
To B.M. 27-61A

Total Backsights = + 608.019
Total Foresights = − 835.227
Diff. Elev. = −227.208

Backsight stadia = 192
Foresight Stadia = 191
Total Stadia = 383 Meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-61A TO BM 28-19D
BM 27-61A													BM27-61A (USC&GS W-972) Crenshaw Blvd. & A.T. & S.F. R.R. See F.B. 3703-115
1	86	168	387	5	90 / 82	8	145	750	446	5	150 / 141	9	
2	216	706	517	5	237 / 195	42 / 50	131	900	432	5	152 / 110	42 / 51	π ~~[illegible]~~ S. Will
3	217	242	518	5	240 / 194	46 / 96	103	280	404	5	126 / 80	46 / 97	
4	177	256	478	5	201 / 153	48 / 144	159	503	460	5	182 / 136	46 / 143	
5	206	583	507	5	230 / 183	49 / 191	136	384	437	5	160 / 112	48 / 191	
	903	955					676	817					
BM 28-19D													BM 28-19D (USC&GS L-415) A.T. & S.F. R.R. & West Blvd. See F.B. 3703-211

Summation of Run
From B.M. 27-61A
To B.M. 28-19D

Total Backsights = + 903.955
Total Foresights = − 676.817
Diff. Elev. = + 227.138

Backsight stadia = 191
Foresight Stadia = 191
Total Stadia = 382 meters

F.B. 2826 PG. 150

JOB NO. 0301.02

SURVEY OF E.A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES F.E.B. 14 May 65

INDEXED G. J. GALLI DATE

WEATHER Hazy INST. NO. 96716

TIME 2:35 - 2:50 ROD NO. 9-19

NOTES CHKD [illegible] DATE NOV 24 '65

76P526B CE # 308 6-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY P. E. Brooks

NOTES BY K. M. Kapp DATE 5-13-65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 9:45-9:50 ROD NO. 9-19

NOTES CHKD. [illegible] DATE NOV 24 '65

F.B. 2826 Pg. 151

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM27-61A TO BM28-19E
BM27-61A									BM27-61A (USC&GS W-972)
1	61	211	362 5	73 49 24	120	404	421 5	131 108 23	Crenshaw Blvd & A.T.S.F. R/R.
2	153	169	454 5	155 151 4 28	111	501		113 109 4 27	See FB 3703-115
	214	380			231	905			T Lieber
									Used Steel Tape
BM28-19E									BM 28-19E (USC&GS V-972) A.T.&S.F. R.R. & Crenshaw Blvd. See F.B. 3703-213

Summation of Run
From B.M. 27-61A
To B.M. 28-19E

Total Backsights = + 214.380
Total Foresights = − 231.905
Diff. Elev. = − 17.525

Backsight Stadia = 28
Foresight Stadia = 27
Total Stadia = 55 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2824 PG. 152 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY R. E. Brooks NOTES FEB 14 May 65

INDEXED C. J. GALL DATE

WEATHER Hazy INST. NO. 26716

TIME 2:20 - 5:30 ROD NO. 8-19

NOTES CHKD DATE JAN 24 '68

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-19E TO BM 27-61A
BM 28-19E													BM 28-19E (USC&GS V-972)
1	104	670	—		106 102	4	143	542	444	5	145 141	4	AT S.F. R.R. & Crenshaw Blvd.
2	120	368	421	5	132 108	24	63	929	367	5	75 51	24	See F.B. 3703-213
	225	038				28	207	471				28	steel tape used on backsight T S. Will
BM 27-61A													BM 27-61A (USC&GS W972) AT S.F. R.R. & Crenshaw Blvd. See F.B. 3703-115

Summation of Run

From B.M. 28-19E

To B.M. 27-61A

Total Backsights = + 225.038

Total Foresights = − 207.471

Diff. Elev. = +17.567

Backsight stadia = 28

Foresight Stadia = 28

Total Stadia = 56 meters

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks

INDEXED C. J. GALLI

DATE 13 May 1965

DATE

WEATHER Overcast

TIME 9:45 – 9:50

NOTES CHKD. [illegible]

DATE JUN 24 '65

INST. NO. 98716

ROD NO. 9-19

F.B. 2826 Pg. 153

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 28-19E TO BM 27-59
BM 28-19E									BM 28-19E (USC&GS V 992) A.T.&S.F. R/R & Crenshaw Blvd. See FB 3703-213
1	111	169	~~109~~	113 109 4	152	851	453 5	154 150 4	
2	64	027	365 5	85 42 43 47	162	388	463 5	180 143 37 41	steel tape used on back sight
	175	196 ✓			315	239 ✓			V. F. Lieber
BM 27-59									BM 27-59 (USC&GS A-416) Crenshaw Blvd and A.T.&S.F. R.R. See F.B. 3703-115

Summation of Run
From B.M. 28-19E
To B.M. 27-59

Total Backsights = + 175.196 ✓
Total Foresights = − 315.239 ✓
Diff. Elev. − 140.043 ✓

Backsight stadia = 47
Foresight Stadia = 41
Total Stadia = 88 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Hazy INST. NO. 26716
TIME 2:10 - 2:15 ROD NO. 8-19
NOTES CHKD [illegible] DATE MAY 24 '65

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left		BACKSIGHT Stadia		FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left		FORESIGHT Stadia		DESCRIPTION AND REMARKS
													FROM BM 27-59 TO BM28-19E
BM 27-59													BM 27-59 (USC&GS A-415) Crenshaw Blvd and A.T.&S.F.RR. See F.B. 3703-115
1	168	233	469	5	187 / 150	37	67	051	368	5	88 / 46	42	
2	144	897	445	5	146 / 142	4 / 41	106	035	—		108 / 104	4 / 46	T S. will
	313	130					173	086					steel tape used on foresight
BM28-19E													BM28-19E (USC&GS V 942) AT&SF RR and Crenshaw Blvd. see F.B. 3703-213

Summation of Run
From B.M. 27-59
To B.M. 28-19E

Total Backsights = + 313.130
Total Foresights = − 173.086
Diff. Elev. = + 140.044

Backsight stadia = 41
Foresight Stadia = 46
Total Stadia = 87 meters

F.B. 2826 Pg. 154 JOB NO. 0311.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES FEB 14 May 65
INDEXED C. J. GALLI DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-59 TO BM 27-60
BM 27-59													BM 27-59 (U.S.C.&G.S. A-415) Crenshaw Blvd & AT.&S.F. R/R. See FB 3703-115
	101	165	402	5	115 86	29	130	803	431	5	143 117	26	T. VFLieber
BM 27-60													BM 27-60 (USC&GS 2414) AT&SFRR and Crenshaw Blvd. See F.B. 3703-115, 116

Summation of Run
From B.M. 27-59
To B.M. 27-60

Total Backsights = + 101.165
Total Foresights = − 130.803
Diff. Elev. = − 29.638

Backsight Stadia = 29
Foresight Stadia = 26
Total Stadia = 55 meters

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

SURVEY BY F. E. Brooks WEATHER overcast INST. NO. 96716

NOTES BY E. E. Brooks DATE 13 May 65 TIME 10:00 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE MAY 24 '65

F.B. 2826 Pg. 155

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 92716
ROD NO. 8-19
DATE MAR 24 '65

WEATHER Hazy
TIME 2:05
NOTES CHKD

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-60 TO BM 27-59
BM 27-60													BM 27-60 (USC&GS R 414) AT & SFRR and Crenshaw Blvd.
1	135	188	436	5	148 / 122	26	105	587	406	5	119 / 91	28	see F.B. 3903-115, 116
~~2~~													T S. will
BM 27-59													BM 27-59 (USC&GS A-415) Crenshaw Blvd and AT&SFRR See F.B. 3703-115

Summation of Run
From B.M. 27-60
To B.M. 27-59

Total Backsights = + 135.188
Total Foresights = − 105.587
Diff. Elev. = + 29.601

Backsight stadia = 26
Foresight Stadia = 28
Total Stadia = 54 meters

SURVEY OF L.A. Co. Precise Level Net
SURVEY BY E. E. Brooks
INDEXED C. J. GALLO
JOB NO. 0301.02
NOTES FEB 14 May 65
DATE
F.B. 3826 PG. 156

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA	
BM 27-60												
1	95	109	396	5	99 / 91	8	159	379 / 38	460	5	163 / 155	8
2	119	679	420	5	142 / 96	46 / 54	197	262	498	5	220 / 174	46 / 54
3	88	239	389	5	111 / 65	46 / 100	187	735	488	5	210 / 164	46 / 100
4	125	660	426	5	148 / 102	46 / 146	195	037	496	5	220 / 170	50 / 150
5	130	053	431	5	154 / 106	48 / 194	153	270	454	5	177 / 129	48 / 198
6	134	133	435	5	158 / 110	48 / 242	210	304	511	5	233 / 187	46 / 244
7	122	841	423	5	146 / 97	47 / 289	208	920	509	5	232 / 184	48 / 292
8	112	133	413	5	116 / 108	8 / 297	138	657	439	5	142 / 134	8 / 300
	927	847					1450	564				
BM 28-20A												

DESCRIPTION AND REMARKS

FROM BM 27-60 TO BM 28-20A

BM 27-60 (U.S.C. & G.S. L. 414)
A. T. & S. F. R/R &
Crenshaw Blvd.
See FB 3703-115-116

π V F Lieber

Summation of Run
From B.M. 27-60
To B.M. 28-20A

Total Backsights = + 927.847
Total Foresights = − 1450.564
Diff. Elev. = −522.717

Backsight stadia = 297
Foresight Stadia = 300
Total Stadia = 597 meters

BM 28-20 A (USC&GS P-414 A)
AT&SF RR and Hyde Park
Blvd and 7th Ave.
See F.B. 3703-215

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

SURVEY BY E. E. Brooks

NOTES BY E. E. Brooks DATE 13 May 65

INDEXED C. J. GAU DATE

WEATHER Overcast INST. NO. 96716

TIME 10:00 – 10:40 ROD NO. 9-19

NOTES CHKD. [illegible] DATE JUN 24 '65

F.B. 2826 Pg. 157

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT					
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA	
BM28-20A												
1	135	021	436	5	179 / 131	8	75	183	376	5	80 / 70	10
2	174	859	475	5	198 / 150	48 / 56	122	508	423	5	147 / 97	50 / 60
3	208	542	509	5	232 / 184	48 / 109	133	911	434	5	157 / 109	48 / 108
4	156	685	457	5	181 / 131	50 / 154	132	988	433	5	155 / 109	46 / 154
5	187	021	488	5	211 / 164	47 / 201	132	795	433	5	156 / 108	48 / 202
6	209	300	510	5	233 / 185	48 / 249	91	550	392	5	114 / 68	48 / 248
7	185	870	486	5	208 / 162	46 / 295	106	913	407	5	128 / 84	44 / 292
8	161	229	462	5	165 / 157	8 / 303	99	920	400	5	103 / 95	8 / 300
	1418	527					895	768				
BM27-60												

DESCRIPTION AND REMARKS

FROM BM28-20A TO BM27-60

BM28-20A (USC&GS P-414A)
AT&SF RR and Hyde Park Blvd and 7th Ave
See F.B. 3703-215

π S. Will

Summation of Run
From B.M. 28-20A
To B.M. 27-60

Total Backsights = + 1418.527
Total Foresights = − 895.768
Diff. Elev. = +522.759

Backsight stadia = 303
Foresight Stadia = 300
Total Stadia = 603 meters

BM27-60 (USC&GS 2414)
AT&SF RR and Crenshaw Blvd
See F.B. 3703-115, 116

F.B. 2826 Pg. 158

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES FEB 14 May 65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 1:25-2:00 ROD NO. 9-19

NOTES CHKD [signature] DATE NOV 24 '65

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM BM28-20A TO BM28-20B
BM28-20A									BM 28-20A (U.S.C. & G.S. P414A) A.T. & S.F. R/R AT HYDE PARK BLVD & SEVENTH AVE.
	104	021	405 5	120 88 32	160	798	461 5	173 147 26	See FB 3703-215
									T. V.F. Lieber
BM 28-20B									BM 28-20 B. AT S.F. RR. at Hyde Park Blvd and 7th Ave. see F.B. 3703-215, 216

Summation of Run
From B.M. 28-20A
To B.M. 28-20B

Total Backsights = + 104.021
Total Foresights = − 160.798
Diff. Elev. = − 56.777

Backsight stadia = 32
Foresight Stadia = 26
Total Stadia = 58 meters

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

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks DATE 13 May 1965

INDEXED C. J. [illegible] DATE

WEATHER Overcast INST. NO. 96716

TIME 10:40 ROD NO. 9-19

NOTES CHKD [illegible] DATE [illegible]

F.B. 2826 Pg. 159

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM28-20B TO BM28-20A
BM28-20B	162	249	463	5	174 / 149	25 ✓	105	454	406	5	121 / 89	32 ✓	BM28-20B (USC&GS AT&SFRR at Hyde Park Blvd and 7th Ave. See F.B. 3703-215, 216 ⊼ S. Will
BM28-20A													BM28-20A (USC&GS P414A) AT&SFRR at Hyde Park Blvd and 7th Ave. See F.B. 3703-215

Summation of Run
From B.M. 28-20B
To B.M. 28-20A

Total Backsights = + 162.249 ✓
Total Foresights = − 105.454 ✓
Diff. Elev. = + 56.795 ✓

Backsight stadia = 25 ✓
Foresight Stadia = 32 ✓
Total Stadia = 57 ✓ meters

F.B. 2826 Pg. 160
SURVEY OF S.A. Co. Precise Level Net
SURVEY BY G. E. Brooks NOTES FEB 14 May 65
INDEXED C. J. GALLI DATE
JOB NO. 0301.02
WEATHER Overcast INST. NO. 86716
TIME 1:20 ROD NO. 9-19
NOTES CHKD [illegible] DATE 24 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM28-20B TO BM28-20C
BM28-20B													BM28-20B (U.S.C. & G.S. N414) A.T. & S.F. R/R AT HYDE PARK BLVD & SEVENTH AVE. See FB 3703-215-216
1	117	915	418	5	136 98	38	186	260	487	5	206 166	40	
~~2~~				~~5~~						~~5~~			
													π Lieber
BM28-20C													BM 28-20C (USC&GS M414) A.T. & S.F. R.R. at Hyde Park Blvd. & Sixth Ave. See F.B. 3703-217

Summation of Run
From B.M. 28-20B
To B.M. 28-20

Total Backsights = + 117.915
Total Foresights = − 186.260
Diff. Elev. = −68.345

Backsight stadia = 38
Foresight Stadia = 40
Total Stadia = 78 meters

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

SURVEY BY P. E. Brooks WEATHER Overcast INST. NO. 96716

NOTES BY K. N. Karp DATE 5-13-65 TIME 10:55 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD. DATE MAY 24 '65

F.B. 2876 Pg. 161

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM28-20C TO BM28-20B
BM 28-20C													BM 28-20C (USC&GS M414) A.T.&S.F. R.R. at Hyde Park Blvd. & Sixth Ave. See F.B. 3703-217
1	185	088	486	5	205 165	40	116	670	417	5	136 96	40	
													T S. Will
BM 28-20B													BM 28-20B (USC&GS N414) A.T.&S.F. R.R. at Hyde Park Blvd. & Seventh Ave See F.B. 3703-215 & 216

Summation of Run
From B.M. 28-20C
To B.M. 28-20B

Total Backsights = + 185.088
Total Foresights = − 116.670
Diff. Elev. = + 68.418

Backsight stadia = 40
Foresight Stadia = 40
Total Stadia = 80 meters

F.B. 2826 PG. 162 JOB NO. C301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks C. J. GALLI NOTES FEB 14 May 65
INDEXED DATE

WEATHER overcast INST. NO. 76716
TIME 1:15 ROD NO. 9-19
NOTES CHKD [signature] DATE MAY 24 '65

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM28-20C TO BM 28-20
BM28-20C													BM 28-20C (U.S.C.&G.S. M414) A.T.&S.F. R/R. AT HYDE PARK BLVD & SIXTH AVE. See FB 3703-217
1	125	477	426	5	148 / 102	46	192	267	493	5	215 / 169	46	
2	123	869	424	5	138 / 107	31 / 77	170 / ~~169~~	027	471 / ~~470~~	5	186 / 154	32 / 78	
	249	346					362	294					π Lieber
BM28-20													BM 28-20 (USC&GS K414) A.T.&S.F. R.R. & Fourth Ave. See F.B. 1354-7

Summation of Run
From B.M. 28-20C
To B.M. 28-20

Total Backsights = + 249.346
Total Foresights = − 362.294
Diff. Elev. = −112.948

Backsight stadia = 77
Foresight Stadia = 78
Total Stadia = 155 Meters

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

SURVEY BY V. E. Brooks WEATHER Overcast INST. NO. 96716

NOTES BY K. M. Kapp DATE 5.13.65 TIME 11:05-11:10 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE MAY 24 '65

F.B. 2826 Pg. 163

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Overcast INST. NO. 26716
TIME 1:10 - 1:15 ROD NO. 2-19
NOTES CHKD [illegible] DATE NOV 24 65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-20 TO BM 28-20C
BM 28-20													BM 28-20 (USC&GS K414) A.T. & S.F. R.R. & Fourth Ave. See F.B. 1354-7
1	173	158	474	5	189 / 157	32	126	237	427	5	142 / 110	32	
2	198	150	499	5	221 / 175	46 / 78	132	140	433	5	165 / 109	46 / 78	T S. Will
	371	308					258	374					
BM 28-20C													BM 28-20C (USC&GS M414) A.T. & S.F. R.R. at Hyde Park Blvd. & Sixth Ave. See F.B. 3763-217

Summation of Run

From B.M. 28-20

To B.M. 28-20C

Total Backsights = + 371.308

Total Foresights = − 258.374

Diff. Elev. = +112.934

Backsight stadia = 78

Foresight Stadia = 78

Total Stadia = 156 meters

F.B. 2826 PG. 164 JOB NO. 6301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES FEB 14 May 65

INDEXED [illegible] Jr GALLY DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM28-20 TO BM28-21
BM28-20													BM 28-20 (U.S.C.&G.S. K414) A.T.&S.F R/R. & Fourth Ave. See FB 1354-7
1	166	101	467	5	188 144	44	170	619	471	5	193 147	46	
2	173	661	474	5	197 150	47 91	152	720	453	5	175 128	47 93	T VF Lieber
3	164	371	465	5	187 141	46 137	146	269	447	5	170 122	48 141	
4	144	489	445	5	168 119	49 186	165	355	466	5	187 144	43 184	
5	187	195	488	5	210 164	46 232	136	193	437	5	159 113	46 230	
6	124	284	425	5	146 102	44 276	209	412	510	5	232 186	46 276	✓
	960	101	✓				980	568	✓				
BM 28-21													BM28-21 (USC&GS C 414) AT&SF RR and Haas Ave. See F.B. 1354-8

Summation of Run
From B.M. 28-20
To B.M. 28-21

Total Backsights = + 960.101 ✓
Total Foresights = − 980.568 ✓
Diff. Elev. = − 20.467 ✓

Backsight stadia = 276 ✓
Foresight Stadia = 276 ✓
Total Stadia = 552 ✓ Meters

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

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks

INDEXED C. J. GALLI

DATE 13 May 65

DATE

WEATHER overcast

TIME 11:10 - 11:35

NOTES CHKD

INST. NO. 96716

ROD NO. 9-19

DATE MAY 24 '65

F.B. 2826 Pg. 165

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Overcast INST. NO. 26916
TIME 11:25-11:55 ROD NO. 2-19
NOTES CHKD [illegible] DATE JAN 24 '68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 28-21 TO BM 28-20
BM 28-21													BM 28-21 (USC&GS C414) AT & SF RR and Haas Ave See F.B. 1354-8
1	208	044	509	5	231 185	46	122	491	423	5	143 101	42	
2	141	988	442	5	164 118	46 92	196	229	497	5	220 172	48 90	TS. Will
3	158	346	459	5	181 135	46 138	125	438	426	5	149 101	48 138	
4	135	997	436	5	159 111	48 186	160	470	461	5	183 137	46 184	
5	152	568	453	5	175 129	46 232	174	910	475	5	198 150	48 232	
6	168	563	469	5	191 145	46 278	165	506	466	5	186 142	42 274	✓
	965	506	✓				945	044	✓				
BM 28-20													BM 28-20 (USC&GS K414) AT & SF RR and 4th Ave See F.B. 1354-7

Summation of Run
From B.M. 28-21
To B.M. 28-20

Total Backsights = + 965.506 ✓
Total Foresights = − 945.044 ✓
Diff. Elev. = + 20.462 ✓

Backsight stadia = 278 ✓
Foresight Stadia = 274 ✓
Total Stadia = 552 ✓ meters

F.B. 2826 PG. 166 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY E. E. Proctor, C. J. Gulp NOTES M. Bostrum
INDEXED DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA	
BM 28-21												
1	212	345	513	5	236 / 188	48	161	661	462	5	185 / 137	48
2	165	442	466	5	188 / 142	46 / 94	154	623	455	5	177 / 131	46 / 94
3	155	599	456	5	178 / 132	46 / 140	180	649	481	5	203 / 157	46 / 140
4	180	769	481	5	204 / 156	48 / 188	137	148	438	5	161 / 114	47 / 189
5	137	730	438	5	161 / 113	48 / 236	175	900	476	5	199 / 151	48 / 235
6	144	288	445	5	168 / 120	48 / 284	160	699	461	5	183 / 137	46 / 281
7	145	043 ~~407~~	446	5	169 / 121	48 / 332	147	887	448	5	170 / 124	46 / 327
8	174	022	475	5	196 / 152	44 / 376	148	461	449	5	173 / 123	50 / 377
9	142	690	443	5	166 / 118	48 / 424	149	619	450	5	173 / 125	48 / 425
10	143	200	444	5	164 / 122	42 / 466	131	319	432	5	156 / 106	50 / 475
11	186	558	487	5	211 / 161	50 / 516	161	343	462	5	183 / 139	44 / 519
12	154	662	455	5	179 / 130	49 / 565	165	569	466	5	186 / 143	43 / 562
13	147	482	448	5	156 / 137	19 / 584	166	258	467	5	174 / 159	15 / 577
BM 28-22A	2089	830					2041	136				

DESCRIPTION AND REMARKS

FROM BM 28-21 TO BM 28-22A

BM 28-21 (U.S.C. & G.S. C 414)
A.T. & S.F. R/R &
HAAS Ave.
See FB 1354-8

V.F. Lieber

Summation of Run
From B.M. 28-21
To B.M. 28-22A

Total Backsights = + 2089.830
Total Foresights = − 2041.136
Diff. Elev. = + 48.694

Backsight stadia = 584
Foresight Stadia = 577
Total Stadia = 1161 meters

BM 28-22A (USC&GS N-972)
Slauson Ave 362 ft ± W'ly of
Denker Ave.
See F.B. 3703-223

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

SURVEY BY F. E. Brooks WEATHER Overcast INST. NO. 92716

NOTES BY F. E. Brooks DATE 13 May 65 TIME 12:55 – 2:05 ROD NO. 9-19

INDEXED G. J. GALLI DATE NOTES CHKD. DATE NOV 24 '65

F.B. 7826 Pg. 167

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT					
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA	
BM 28-22 A												
1	170	989	471	5	177 163	14	152	760	453	5	162 142	20
2	167	829	468	5	191 143	48 62	160	328	461	5	182 137	45 65
3	161	988	462	5	185 137	48 110	176	721	477	5	199 153	46 111
4	135	594	436	5	158 112	46 156	153	784	454	5	176 130	46 157
5	149	411	450	5	174 125	49 205	141	670	442	5	165 117	48 205
6	147	155	448	5	171 123	48 253	170	175	471	5	194 146	48 253
7	132	425	433	5	155 109	46 299	127	284	428	5	151 103	48 301
8	158	032	459	5	181 135	46 345	147	904	448	5	171 123	48 349
9	172	925	473	5	197 147	50 395	134	238	435	5	156 112	44 393
10	139	921	440	5	162 116	46 441	184	557	485	5	209 159	50 443
11	176	988	477	5	199 153	46 489	150	934	451	5	173 127	46 489
12	152	750	453	5	175 129	46 533	177	024	478	5	200 154	46 535
13	145	570	446	5	168 122	46 579	182	653	483	5	206 158	48 583
BM28-21	2011	577					2060	032				

DESCRIPTION AND REMARKS

FROM BM28-22A TO BM28-21

BM28-22A (USC&GS N-972)
Slauson Ave 362 ft W'ly of Denker Ave.
See F.B. 3703-227

↑ S. Will

Summation of Run
From B.M. 28-22A
To B.M. 28-21

Total Backsights = + 2011.577
Total Foresights = − 2060.032
Diff. Elev. = − 48.455

Backsight stadia = 579
Foresight Stadia = 583
Total Stadia = 1162 meters

BM 28-21 (USC&GS C-414)
AT&SFRR and Haas Ave.
See F.B. 1354-8

WEATHER Overcast INST. NO. 96716
TIME 10:15-11:15 ROD NO. 9-19
NOTES CHKD [signature] DATE MAY 24 '65

JOB NO. 0301.02
SURVEY OF N.A. Co. Precise Level Net
SURVEY BY E. Brooks NOTES F.E.B. 14 May 65
INDEXED C. J. GALLI DATE

F.B. 2826 Pg. 168

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY F. E. Brooks WEATHER Overcast INST. NO. SE716

NOTES BY K. H. Kaff DATE 5-17-65 TIME 2:15 - 2:56 ROD NO. 9-19

INDEXED C. J. Gallt DATE NOTES CHKD [illegible] DATE 2-1-65

F.B. 2826 Pg. 169

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 28-22A TO BM 28-23A
BM 28-22A									BM 28-22A (USC&GS N-972) Slauson Ave, 362 Ft ± W'ly of Denker Ave. See FB 3703-223
1	161	014	462 5	186 136 50	152	161	453 5	177 127 50	
2	160	150	461 5	185 135 50 100	147	301	448 5	171 123 48 98	
3	167	860	468 5	192 142 50 150	146	191	447 5	171 121 50 148	⊼ Lieber
4	156	765	457 5	180 132 48 198	138	931	439 5	162 114 48 196	
5	159	909	460 5	182 135 47 245	136	830	437 5	160 112 48 244	
6	147	160	448 5	157 136 21 266	187	618	488 5	197 176 21 265	
	952	858			909	032			
BM 28-23A									BM 28-23A (L.A. City) Slauson Ave. & Normandie Ave. See F.B. 3703-225

Summation of Run From B.M. 28-22A To B.M. 28-23A

Total Backsights = + 952.858

Total Foresights = − 909.032

Diff. Elev. = + 43.826

Backsight stadia = 266

Foresight Stadia = 265

Total Stadia = 531 Meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-23A TO BM 28-22A
BM 28-23A													BM 28-23 A (L.A City) Slauson Ave. & Normandie Ave. See F.B. 3703-225
1	181	060	482	5	192 / 170	22	139	860	440	5	150 / 129	21	
2	144	155	445	5	168 / 127	48 / 70	169	513	468	5 / 5	191 / 143	48 / 69	
3	140	094	441	5	164 / 116	48 / 118	156	776	457	5	180 / 132	48 / 117	
4	143	228	444	5	168 / 118	50 / 168	166	712	467	5	191 / 141	50 / 167	
5	151	921	452	5	175 / 127	48 / 216	157	106	458	5	182 / 132	50 / 217	
6	146	299	447	5	171 / 121	50 / 266	162	442	463	5	189 / 137	50 / 267	
	906	657					950	409					
BM 28-22A													BM 28-22A (USC&GS N-972) Slauson Ave., 362' ± w'ly. of Denker Ave. See F.B. 3703-223

Summation of Run
From B.M. 28-23A
To B.M. 28-22A

Total Backsights = + 906.657
Total Foresights = − 950.409
Diff. Elev. = − 43.752

Backsight stadia = 266
Foresight Stadia = 267
Total Stadia = 533 meters

WEATHER Overcast INST. NO. 96716
TIME 9:45 to 10:15 ROD NO. 9-19
NOTES CHKD [illegible] DATE NOV 24 '65

F.B. 2826 PG. 170 JOB NO. C301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES M Bustrum
INDEXED C. J. GALLI DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 28-23A TO BM 28-24A
BM 28-23A													BM 28-23A (Waits A-2 500 # I.X.L.A. City BM 18-08760)
1	202	209	503	5	212 192	20	161	857	462	5	171 151	20	S/Jason Ave & Normandie Ave., See FB 3703-225
2	177	929	478	5	200 154	46 66	144	674	445	5	167 121	46 66	
3	161	591	462	5	184 138	46 112	141	522	442	5	165 117	48 114	" V.F. Lieber
4	168	612	469	5	190 146	45 159	141	912	442	5	165 118	47 161	
5	165	299	466	5	189 141	48 205	145	710	446	5	167 123	44 205	Summation of Run From B.M. 28-23A To B.M. 28-24A
6	167	198	468	5	191 144	47 252	138	921	439	5	162 115	47 252	
7	161	043	462	5	184 138	46 298	139	095	440	5	163 115	48 300	Total Backsights = + 1691.755
8	163	301	464	5	186 140	46 344	140	295	441	5	163 117	46 346	Total Foresights = − 1461.873 Diff. Elev. = + 229.882
9	167	708	468	5	190 144	46 390	141	178	442	5	164 118	46 392	Backsight stadia = 420 Foresight Stadia = 422
10	156	865	457	5	178 141	30 420	166	709	467	5	181 151	30 422	Total Stadia = 842 meters
	~~1692~~ 1691	~~068~~ 755					1461	873					
BM 28-24A													BM 28-24A (USCGS S 971) S/Main Ave and Vermont Ave See F.B. 3703-227

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

SURVEY BY F.E. Brooks

NOTES BY F.E. Brooks

DATE 13 May 1965

WEATHER Overcast

INST. NO. 2-11

UNDERED

DATE

TIME 2:40 - 3:30

ROD NO. 2-11

NOTES CHKD

DATE JUN 24 65

F.B. 3846 Pg. 17

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT					
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA	
BM 28-24A												
1	167	402	468	5	181 152	29	157	603	458	5	172 142	30
2	144	261	445	5	166 121	45 74	170	787	471	5	193 147	46 76
3	145	910	446	5	168 122	46 120	170	685	471	5	191 146	45 121
4	141	810	442	5	164 117	47 167	162	804	463	5	185 139	46 167
5	141	105	442	5	164 118	46 213	166	402	467	5	190 142	48 215
6	143	679	444	5	166 120	46 259	165	656	466	5	188 142	46 261
7	146	102	447	5	170 122	48 307	174	800	475	5	197 151	46 307
8	150	616	451	5	173 126	47 354	168	457	469	5	191 145	46 353
9	150	863	451	5	173 127	46 400	186	550	487	5	209 163	46 399
10	159	810	460	5	169 148	21 421	197	707	490	5	207 187	20 419
	1491	558					1721	451				
BM 28-23A												

DESCRIPTION AND REMARKS

FROM BM 28-24A TO BM 28-23A

BM 28-24A (USC&GS Y 971)
Slauson Ave and Vermont Ave.
See F.B. 3703-227

⊼ S. Will

Summation of Run
From B.M. 28-24A
To B.M. 28-23A

Total Backsights = + 1491.558
Total Foresights = − 1721.451
Diff. Elev. = −229.893

Backsight stadia = 421
Foresight Stadia = 419
Total Stadia = 840 meters

BM 28-23A (~~USC&GS~~ Watts A-2 ECC #1)
Slauson Ave and Normandie Ave
See F.B. 3703-225

F.B. 2826 Pg. 177

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. [illegible] NOTES FEB 14 May 65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 8:45 - 9:35 ROD NO. 9-19

NOTES CHKD [illegible] DATE MAY 24 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY E. E. Brooks WEATHER Clear INST. NO. 96716

NOTES BY K. M. Kupp DATE 5-12-65 TIME 1:55-2:30 ROD NO. 9-19

INDEXED P. J. Gnuld DATE NOTES CHKD. DATE MAY 24 '68

F.B. 2826 Pg. 173

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS From BM28-24A To BM28-25
BM28-24A													BM28-24A (U.S.C.&G.S. Y971) S/Lauson Ave & Vermont Ave. See FB 3703-227
1	169	013	476	5	193 / 145	48	141	447	442	5	166 / 116	50	
2	158	893	459	5	181 / 135	46 / 94	141	759	442	5	162 / 120	42 / 92	T Lieber
3	186	371	487	5	211 / 161	50 / 144	131	240	432	5	155 / 107	48 / 140	
4	166	853	467	5	189 / 143	46 / 190	139	418	435	5	159 / 109	50 / 190	
5	157	298	458	5	169 / 144	25 / 215	148	591	449	5	159 / 136	23 / 213	
6	157	421	458	5	174 / 139	35 / 250	132	755	433	5	149 / 115	34 / 247	
	995	649					830	266					
BM28-25													BM 28-25 (USC&GS C-413) S/Lauson Ave. & Bonsallo Ave. See F.B. 1354-12

Summation of Run
From B.M. 28 - 24A
To B.M. 28 - 25

Total Backsights = + 995.649
Total Foresights = − 830.266
Diff. Elev. = +165.383

Backsight stadia = 250
Foresight Stadia = 247
Total Stadia = 497' Meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER overcast INST. NO. 96716
TIME 11:25 – 11:40 ROD NO. 9-19
NOTES CHKD [illegible] DATE MAY 24 '65

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left		BACKSIGHT Stadia		FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left		FORESIGHT Stadia		DESCRIPTION AND REMARKS
													FROM BM 28-25 TO BM 28-24A
BM 28-25													BM 28-25 (USC&GS C-413) Slauson Ave. & Bonsallo Ave. See F.B. 1354-12
1	134	782	435	5	151 / 117	34	157	978	458	5	174 / 140	34	
2	152	635	453	5	163 / 141	22 / 56	162	811	463	5	174 / 150	24 / 58	T K.M. Kapp
3	139	698	440	5	163 / 115	48 / 104	172	911	493	5	195 / 149	46 / 104	
4	136	449	437	5	160 / 112	48 / 152	190	233	491	5	215 / 165	50 / 154	
5	150	975	451	5	171 / 129	42 / 194	169	976	470	5	192 / 146	46 / 200	
6	160	390	451	5	176 / 124	52 / 246	176	598	477	5	199 / 153	46 / 246	
	864	929					1030	507					
BM 28-24A													BM 28-24A (USC&GS Y-971) Slauson Ave. & Vermont Ave. See F.B. 3703-227

Summation of Run
From B.M. 28-25
To B.M. 28-24A

Total Backsights = 864.929
Total Foresights = 1030.507
Diff. Elev. = -165.578

Backsight stadia = 246
Foresight Stadia = 246
Total Stadia = 492 metres

SURVEY OF L.A. Co. Precise Level Net
SURVEY BY A.E. Brooks NOTES F.E.B. 19 May 65
INDEXED C. J. GALL DATE
JOB NO. 0301.02
F.B. 2826 PG. 17

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-25 TO BM 28-26
BM 28-25													BM 28-25 (U.S.C & G.S., C-413) Slauson Ave & Bon Sallo Ave. See FB 1354-12
1	150	650	451	5	160 / 139	21	155	805	456	5	166 / 143	23	
								Used	steel		Tape		
2	146	924	447	5	148 / 143	5 / 26	10	952	—	2	12 / 8	4 / 27	
	297	574					166	757					T Lieber
BM 28-26													BM 28-26 (USC&GS C-778) Slauson Ave. & Bonsallo Ave. See F.B. 1354-12

Summation of Run
From B.M. 28 - 25
To B.M. 28 - 26

Total Backsights = + 297.574
Total Foresights = − 166.757
Diff. Elev. = + 130.817

Backsight stadia = 26
Foresight Stadia = 27
Total Stadia = 53 Meters

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

SURVEY BY E. Brooks WEATHER Clear INST. NO. 96716

NOTES BY K.H. Kapp DATE 5-17-65 TIME 2:30 - 2:35 ROD NO. 9-19

INDEXED C.H.L. DATE NOTES CHKD. [illegible] DATE

F.B. 2826 Pg. 175

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Overcast INST. NO. 26716

TIME 11:20 — 11:25 ROD NO. 9-19

NOTES CHKD [illegible] DATE [illegible]

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-26 TO BM 28-25
BM 28-26													BM 28-26 (USC&GS C-778) Slauson Ave. & Bonsallo Ave. See F.B. 1354-12
	.5	used	steel		Tape								
1	21	144	—		23 19	4	158	190	459	5	160 159	3	
2	156	710	457	5	166 146	20 24	450	485	451	5	160 140	20 23	
	177	854					308	675					T K.M. Kapp
BM 28-25													BM 28-25 (USC&GS C-413) Slauson Ave. & Bonsallo Ave. See F.B. 1354-12

Summation of Rur
From B.M. 28-26
To B.M 28-25

Total Backsights = + 177,854
Total Foresights = − 308,675
Diff. Elev. = − 130,821

Backsight stadia = 24
Foresight Stadia = 23
Total Stadia = 47 meters

F.B. 2826 PG. 176 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY R. E. Brooks NOTES FEB. 22 May 65

INDEXED G. J. GALLI DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA	
BM 28-26												
1	6 ~~40~~	213	← used steel —		Tape 8 3	5	142	201	443	5	144 140	4
2	152	639	453	5	171 132	39 44	139	613	440	5	157 119	40 44
3	158	908	459	5	183 132	51 95	139	570	440	5	166 112	54 98
4	157	148	458	5	179 134	45 140	143	280	444	5	167 119	48 146
5	144	223	445	5	169 119	50 190	135	935	436	5	157 112	44 190
6	167	312	468	5	185 149	36 226	144	959	445 ~~454~~	5	163 125	38 228
7	156	654 ~~614~~	457	5	181 132	49 275	138	105	439	5	164 113	51 279
8	162	133	463	5	187 136	51 326	134	875	435	5	159 110	49 328
9	168	485	469	5	187 147	40 366	119	638	420	5	140 98	42 370
10	149	981	450	5	152 146	6 372	38	533	—	5	41 35	6 376
	1423	696					1276	709				
BM 28-28												

DESCRIPTION AND REMARKS

FROM BM 28-26 TO BM 28-28

BM 28-26 (U.S.C. & G.S. C778)
Slavson Ave &
Bonsallo Ave.
See FB 1354-12

π V.F. Lieber

Summation of Run
From B.M. 28-26
To B.M. 28-28

Total Backsights = + 1423.696
Total Foresights = − 1276.709
Diff. Elev. = ~~− 53.013~~ + 146.987

FEB 19 May 65

Backsight stadia = 372
Foresight Stadia = 376
Total Stadia = 748 meters

5 used steel tape

BM 28-28 (USC & GS D778)
Slavson Ave and Broadway
See F.B. 1354-14

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

SURVEY BY E. E. Brooks

NOTES BY E. E. Brooks DATE 17 May 1965

INDEXED C. J. GALLI DATE

WEATHER Clear

TIME 2:40 – 3:30

NOTES CHKD. [illegible] DATE MAY 24 '65

INST. NO. 96-116

ROD NO. 9-19

F.B. 2826 Pg. 179

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Cloudy TIME 10:40-11:20 NOTES CHKD [illegible] INST. NO. [illegible] ROD NO. [illegible] DATE 5-19-6 MAY 24 1968

F.B. 1868 PG. 178 JOB NO. 0341.02 SURVEY OF L.A. Co. Precise Level Net SURVEY BY L.E. Brooks NOTES [illegible] INDEXED C. J. GALLI DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA	
BM28-28												
1	50	010	351	5	51 / 48	3	177	268	478	5	179 / 175	4
2	138	445	439	5	157 / 119	38	173	128	474	5	194 / 152	42
3	143 / [illegible]	063	442	5	170 / 116	41 / 54	168	888	469	5	192 / 144	46 / 48
4	141	520	442	5	166 / 116	95 / 50	159	963	460	5	184 / 134	94 / 50
5	149	851	450	5	168 / 130	145 / 38	175	201	476	5	193 / 157	144 / 36
6	141	440	442	5	164 / 118	183 / 46	146	442	447	5	170 / 122	180 / 48
7	155	043	456	5	179 / 131	229 / 48	169	618	470	5	192 / 146	228 / 46
8	150	760	451	5	177 / 123	207 / 54	169	065	470	5	194 / 144	274 / 50
9	153	499	454	5	172 / 134	331 / 38	168	017	469	5	188 / 148	324 / 40
10	159	860	458	5	158 / 156	369 / 2	20	770	321	5	22 / 18	364 / 4
	1,381.491					371	1,528	360				368
BM28-26												

DESCRIPTION AND REMARKS

FROM BM28-28 TO BM28-26

BM28-28 - (USC&GS D778) Slauson Ave and Broadway see F.B. 1354-14)

T. K. KAPP.

Summation of Run
From B.M. 28-28
To B.M. 28-

Total Backsights = + 371'
Total Foresights = − 368'
Diff. Elev. = 739'

Backsight stadia = 1381491'
Foresight Stadia = 1528360'
Total Stadia = −146869'

BM28-26 (USC&GS C779) Slauson Ave and Bonsallo Ave. See F.B. 1354-12

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY P. E. Brooks

NOTES BY K. A. Kapp DATE 5-18-65 WEATHER Overcast INST. NO. 96716

TIME 8:40-9:15 ROD NO. 9-19

INDEXED G. J. Gnecco DATE NOTES CHKD. J. Lim DATE MAY 24 65

F.B. 2826 Pg. 179

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM28-28 To BM28-29
BM28-28			Used Steel Tape										BM28-28 (U.S.C.&G.S. D 778) Slauson Ave & Broadway See FB 1354-14
1	39	389	~~57~~ 54	5	574 4 / 437	4	153	669	454	5	155 / 151	4	
2	156	920	457	5	172 / 140	32 / 36	166	179	469	5	182 / 154	28 / 32	T R.R. Rodriguez
3	144	239	445	5	169 / 119	50 / 86	135	085	436	5	161 / 109	52 / 84	
4	180	369	481	5	206 / 155	51 / 137	134	161	435	5	160 / 108	52 / 136	
5	163	991	464	5	188 / 138	50 / 187	144	087	445	5	170 / 119	51 / 187	
6	163	370	464	5	184 / 142	42 / 229	144	913	445	5	166 / 122	44 / 231	
							Used Steel Tape						
7	157	067	458	5	159 / 155	4 / 233	142	554	~~2~~	~~5~~	144 / 140	4 / 235	
	1005	345					1022	648					
BM 28-29													BM 28-29 (USC&GS E-778) Slauson Ave & Main St. See F.B. 1354-15

Summation of Run From B.M. 28-28 To B.M. 28-29

Total Backsights = + 1005.345

Total Foresights = − 1022.648

Diff. Elev. = − 17.303

Backsight stadia = 233

Foresight Stadia = 235

Total Stadia = 468 Meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 28-29 TO BM 28-28
BM 28-29													BM 28-29 (USC&GS E-778) Slauson Ave. & Main St. See F.B. 1354-15
		← used steel Tape											
1	144	611	—		146 / 142	4	159	510	460	5	161 / 157	4	
2	149	840	450	5	171 / 127	44 / 48	167	947	468	5	188 / 146	42 / 46	π K.M. Kapp
3	150	412	451	5	175 / 125	50 / 98	169	350	470	5	194 / 144	50 / 96	
4	138	740	439	5	164 / 112	52 / 150	185	862	486	5	210 / 160	50 / 146	
5	138	361	439	5	163 / 113	50 / 200	146	479	447	5	172 / 120	52 / 198	
6	171	359	472	5	187 / 155	32 / 232	165	650	466	5	180 / 150	30 / 228	
7	170	471	471	5	172 / 169	3 / 235	51	692	—		53 / 49	4 / 232	← used steel tape
	1063	794					1046	490					
BM 28-28													BM 28-28 (USC&GS D-778) Slauson Ave. & Broadway See F.B. 1354-14

Summation of Run
From B.M. 28-29
To B.M. 28-28

Total Backsights = + 1063.794
Total Foresights = − 1046.490
Diff. Elev. = + 17.304

Backsight stadia = 235
Foresight Stadia = 232
Total Stadia = 467 meters

F.B. 2826 PG. 180
JOB NO. 0301.02
SURVEY OF C.A. Co. Precise Level Net
SURVEY BY E. E. Brooks NOTES F.E.B. 19 May 65
INDEXED C. J. GALLI DATE
WEATHER Overcast INST. NO. 96716
TIME 10:15 - 10:35 RQD NO. 9-19
NOTES CHKD [signature] DATE NOV 24 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 28-29													FROM BM 28-29 TO BM 28-30
	f used steel tape												BM 28-29 (U.S.C. & G.S. E 778) Slauson Ave & Main St. See FB 1354-15
1	142	921	—		144 140	4	156	890	457	5	158 154	4	
2	156	707	457	5	180 132	48 52	139	757	440	5	163 115	48 52	π R.R. Rodriguez
3	164	035	465	5	188 140	48 100	145	243	446	5	170 120	50 102	
4	164	903	465	5	186 142	44 144	157	991	458	5	180 134	46 148	
5	175	252	476	5	193 157	36 180	139	257	440	5	158 120	38 186	Summation of Run From B.M. 28-29 To B.M. 28-30
6	182	604	483	5	205 159	46 226	140	351	441	5	161 119	42 228	
7	143	508	444	5	169 119	50 276	116	233	417	5	140 92	48 276	Total Backsights = + 1629.198 ✓
8	169	960	470	5	193 145	48 324	125	678	426	5	149 101	48 324	Total Foresights = − 1396.269 ✓
9	159	912	460	5	173 144	29 353	131	385	432	5	146 116	30 354	Diff. Elev. = + 232.969 ✓
10	169	396	470	5	186 152	34 387	143	484	444	5	161 125	36 390	Backsight stadia = 387 ✓ Foresight Stadia = 390 ✓ Total Stadia 777 ✓
	1629	198					1396	269					
BM 28-30													BM 28-30 (USC & GS T-412) Slauson Ave and Avalon Blvd. See F.B. 1354-16

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

SURVEY BY E. E. Brooks

NOTES BY E. E. Brooks C. J. GALLI

INDEXED

DATE 18 May 65

DATE

WEATHER overcast

TIME 9:10 – 9:45

NOTES CHKD. [signature]

DATE

INST. NO. 96716

ROD NO. 9-19

DATE MAY 24 '65

F.B. 2826 PG. 181

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA	
BM 28-30												
1	144	878	445	5	162 / 126	36	170	200	471	5	187 / 153	34
2	133	412	434	5	148 / 118	30	167	248	468	5	181 / 153	28
3	136	525	437	5	159 / 113	66 / 46	176	248	477	5	201 / 151	62 / 50
4	136	548	437	5	160 / 112	112 / 48	165	715	466	5	190 / 140	112 / 50
5	146	120	447	5	168 / 124	160 / 44	200	508	501	5	222 / 178	162 / 44
6	157	824	458	5	176 / 138	204 / 38	179	761	480	5	197 / 161	206 / 36
7	164	482	465	5	187 / 141	242 / 46	171	429	472	5	193 / 149	242 / 44
8	147	748	448	5	172 / 122	288 / 50	168	030	469	5	192 / 144	286 / 48
9	147	302	448	5	171 / 123	338 / 48	163	328	464	5	187 / 139	334 / 48
10	160	947	461	5	162 / 158	386 / 4	146	116	447	5	148 / 144	382 / 4
1	1,475.786					390	1,708583					386
BM 28-29												

DESCRIPTION AND REMARKS

FROM BM 28-30 TO BM 28-29

BM 28-30 (USC&GS T 412)
Slauson Ave and Avalon Blvd.
See F.B. 1354-16

K. Kapp

Summation of Run
From B.M. 28-30
To B.M. 28-29

Total Backsights = + 390
Total Foresights = − 386
Diff. Elev. = 776

Backsight stadia = 1,475786
Foresight Stadia = 1,708583
Total Stadia = −232.797

BM 28-29 (USC&GS E-778)
Slauson Ave and Main St.
See F.B. 1354-15

WEATHER Cloudy INST. NO. 96716
TIME 9:50 - 10:20 ROD NO. 9-19
NOTES CHKD [illegible] DATE [illegible]

JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES V. LIEBER
INDEXED C. J. GALLI DATE

F.B. 9676 PG. 182

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM28-30									FROM BM28-30 TO BM28-31
1	177	190	478 5	196 158 38	146	263	447 5	169 128 36	BM28-30 (U.S.C & G.S. T 412) Slauson Ave & Avalon Blvd. See FB 1354-16
2	161	020	462 5	186 136 50 88	140	213	441 5	166 114 52 88	
3	162	880	463 5	187 137 50 138	143	944 ~~944~~	444 5	168 118 50 138	T R.R. Rodriguez
4	160	994	461 5	185 135 50 188	141	928	442 5	167 115 52 190	Summation of Run From B.M. 28-30 To B.M. 28-31
5	164	033	465 5	188 140 48 236	141	693	442 5	165 117 48 238	
6	163	793	464 5	188 138 50 286	138	358	439 5	163 113 50 288	Total Backsights = + 1580.073 ✓
7	162	417	463 5	187 137 50 336	151	831	452 5	175 127 48 336	Total Foresights = − 1401.861 ✓
8	152	517	453 5	177 127 50 386	169	943	470 5	194 144 50 386	Diff. Elev. = + 178.212 ✓
9	134	811	435 5	150 118 32 418	122	704	423 5	138 106 32 418	Backsight stadia = 434 ✓
10	140	418	441 5	148 132 16 434	104	984	—	111 ~~97~~ 14 432	Foresight Stadia = 432 ✓
BM28-31	1580	073 ✓			1401	861 ✓			Total Stadia = 866 ✓ Meters

Used Steel Tape

BM28-31 (USC&GS F-778) Slauson Ave. & Central Ave. See F.B. 1354-17

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

SURVEY BY F. E. Brooks

NOTES BY K.M. Kapp DATE 5-18-65

INDEXED C. J. GAIN DATE

WEATHER Overcast

TIME 9:50 - 10:40

NOTES CHKD. [illegible] DATE 2-4-65

F.B. 2826 Pg. 183

INST. NO. 96716

ROD NO. 9-19

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 28-31 TO BM 28-30
BM 28-31													BM 28-31 (USC&GS F-778)
		Fused steel			Tape								Slauson Ave. & Central Ave.
1	108	883	—		115 / 101	14	144	172	445	5	152 / 136	16	See F.B. 1354-17
2	128	372	429	5	144 / 112	32 / 46	141	908	442	5	156 / 125	31 / 47	π KM Kapp
3	176	098	497	5	201 / 151	50 / 96	157	572	458	5	182 / 132	50 / 97	
4	154	658	455	5	178 / 130	48 / 144	165	489	466	5	190 / 140	50 / 147	
5	147	042	448	5	172 / 122	50 / 194	168	625	469	5	193 / 143	50 / 197	Summation of Run From B.M. 28-31 To B.M. 28-30
6	144	172	445	5	168 / 120	48 / 242	170	210	471	5	195 / 145	50 / 247	
7	149	872	450	5	176 / 122	54 / 296	167	710	468	5	191 / 143	48 / 295	Total Backsights = + 1458.074 ✓
													Total Foresights = − 1636.356 ✓
													Diff. Elev. = − 178.282 ✓
8	147	728	448	5	172 / 122	50 / 346	168	718	469	5	194 / 142	52 / 347	
9	147	780	448	5	172 / 122	50 / 396	168	442	469	5	193 / 143	50 / 397	Backsight stadia = 432 ✓
													Foresight Stadia = 435 ✓
10	153	469	454	5	171 / 135	36 / 432	183	510	484	5	202 / 164	38 / 435	Total Stadia = 867 ✓ meters
	1458	074					1636	356					
BM 28-30													BM 28-30 (USC&GS T-412)
													Slauson Ave. & Avalon Blvd.
													See F.B. 1354-16

F.B. 2826 Pg. 184 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES FEB 19 May 65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 9:05 - 9:30 ROD NO. 9-19

NOTES CHKD [signature] DATE MAY 24 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible]NGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA
BM 28-31								
	← Used steel Tape							
1	115	338	—	107 / 103 4	154	181	455 5	156 / 152 4
2	144	242	445 5	158 / 130 28 / 32	172	370	473 5	185 / 159 26 / 30
3	145	429	446 5	170 / 120 50 / 82	148	913	449 5	173 / 121 52 / 82
4	155	503	456 5	178 / 131 47 / 129	148	530	449 5	172 / 124 48 / 130
5	158	894	459 5	186 / 130 56 / 185	150	640	451 5	177 / 123 54 / 184
6	159	478	460 5	184 / 134 50 / 235	176	533	477 5	202 / 150 52 / 236
7	163	542	464 5	189 / 137 52 / 287	141	764	442 5	167 / 115 52 / 288
8	162	377	463 5	187 / 137 50 / 337	140	075	441 5	165 / 115 50 / 338
9	169	593	470 5	193 / 145 48 / 385	136	737	437 5	159 / 113 46 / 384
10	175	116	476 5	199 / 152 47 / 432	176	402	477 5	199 / 153 46 / 430
	1549	512			1546	145		
BM 28-32								

DESCRIPTION AND REMARKS

FROM BM 28-31 TO BM 28-32

BM 28-31 (U.S.C. & G.S. F778)
Slauson Ave & Central Ave
See FB 1354-17

R. R. Rodriguez

Summation of Ru[illegible]
From B.M. 28-31
To B.M. 28-32

Total Backsights = + 1549.512
Total Foresights = − 1546.145
Diff. Elev. = +3.367

Backsight stadia = 432
Foresight Stadia = 430
Total Stadia = 862 meters

BM 28-32
Slauson Ave and Compton Ave
See F.B. 1354-18

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

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks DATE 12 May 1965

INDEXED C. J. GALLI DATE

WEATHER Overcast

TIME 10:40 - 11:15

NOTES CHKD [illegible] DATE 24 '65

INST. NO. 96716

ROD NO. 9-19

F.B. 2826 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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA
BM 28-32								
1	180	635	481 5	203 / 157 46	178	331	479 5	201 / 155 46
2	138	880	439 5	162 / 114 48 / 94	175	078	476 5	199 / 151 48 / 94
3	146	850	447 5	171 / 121 50 / 144	167	780	468 5	192 / 142 50 / 144
4	150	033	451 5	176 / 124 52 / 196	170	973	471 5	196 / 144 52 / 196
5	178	562	479 5	204 / 152 52 / 248	159	212	460 5	184 / 134 50 / 246
6	151	342	452 5	178 / 124 54 / 302	161	850	462 5	189 / 133 56 / 302
7	153	991	454 5	177 / 129 48 / 350	160	903	461 5	184 / 136 48 / 350
8	152	410	453 5	177 / 127 50 / 400	148	880	449 5	174 / 122 52 / 402
9	176	360	477 5	189 / 163 26 / 426	148	510	449 5	162 / 134 28 / 430
10	159	349	460 5	161 / 157 4 / 430	120	253	421 5	122 / 118 4 / 434
	1,588,412				1,591,770			
BM 28-31								

DESCRIPTION AND REMARKS

FROM BM 28-32 TO To BM 28-31

BM 28-32
Slauson Ave and Compton Ave
See F.B. 1354-18

T K. KAPP

Summation of Run
From B.M. 28-32
To B.M. 28-31

Total Backsights = + 1588412
Total Foresights = − 1591770
Diff. Elev. = − 3,358

Backsight stadia = 430
Foresight Stadia = 434
Total Stadia = 864

BM 28-31 (USC&GS F798)
Slauson Ave and Central Ave
See F.B. 1354-17

WEATHER Cloudy INST. NO. 96716
TIME 8:35 - 9:05 ROD NO. 9-19
NOTES CHKD [illegible] DATE JAN 24 '65

F.B. 2826 PG. 186 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES V. LIEBER
INDEXED G. J. GALLI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY F. E. Brooks

NOTES BY K. M. Kepp DATE 3-16-65 WEATHER Overcast INST. NO. 8276

TIME 11:00 - 1:55 ROD NO. 5-15

INDEXED C. J. GALLI DATE NOTES CHKD DATE MAR 24 65

F.B. 2626 PG. 18

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									From BM28-32 To BM 5-1
BM28-32									BM28-32
1	266	864	569 5	225 191 34	144 ~~46~~	853	445 5	162 126 36	S/Huson Ave & Compton Ave. See FB 1354-18
2	159	551	460 5	184 134 50 84	145	827	446 5	176 126 50 86	T R.R. Rodriguez
3	156	858	457 5	182 130 52 136	138	062	439 5	163 113 50 136	
4	149	724	450 5	174 124 50 186	135	318	436 5	166 116 50 186	
5	176	753	477 5	196 156 40 226	180	178	481 5	200 160 40 226	
6	162	773	463 5	187 137 50 276	146	975	447 5	172 120 52 278	
7	160	192	461 5	190 130 60 336	132	622	433 5	160 104 56 334	
8	170	658	471 5	196 144 52 388	138	833	439 5	163 113 50 384	1 hr for lunch
9	203	962	504 5	209 177 52 440	139	861	440 5	165 113 52 436	
10	130	677	431 5	151 108 43 463	176	855	477 5	198 154 44 480	
11	127	332	428 5	151 103 48 531	163	294	464 5	186 140 46 526	
12	138	943	439 5	155 121 34 565	161	408	462 5	181 141 40 566	
	~~13~~		~~5~~				~~5~~		

over

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Overcast INST. NO. 96-716
TIME 11:20 - 1:55 ROD NO. 9.19
NOTES CHKD. DATE MAY 24 '65

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 28-32 TO BM 5-1
			365			366	
13	137 039	438 5	145 / 128 17 / 582	164 460	465 5	178 / 155 16 / 564	✓
	2082 626	✓		1968 766	✓		
BM 5-1							BM 5-1 (Watts H-2) Alameda St. & Randolph St. See F.B. 1206-6

Summation of Run
From B.M. 28-32
To B.M. 5-1

Total Backsights = + 2082.626 ✓
Total Foresights = − 1968.766 ✓
Diff. Elev. = + 113.860 ✓

Backsight stadia = 582 ✓
Foresight Stadia = 564 ✓
Total Stadia = 1146 meters

F.B. 2826 PG. 188 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY E. Brooks NOTES K.M. Kapp
INDEXED C. J. GALLI DATE

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY F. E. Brooks WEATHER Hazy

NOTES BY F. E. Brooks DATE 18 May 1965 TIME 2:15 – 3:15 INST. NO. 9070

NOTES CHKD. [illegible] DATE [illegible] ROD NO. 9-19

F.B. 1826 Pg. 189

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 5-1 TO BM 28-32
BM 5-1													BM 5-1 (Watts H-2) Alameda and Randolph Sts' see F.B. 1206-C
1	169	587	470	5	178 / 160	18	145	849	446	5	154 / 136	18	
2	164	522	465	5	182 / 146	36 / 54	136	618	439	5	154 / 118	36 / 54	⊼ R.R. Rodriguez
3	157	192	458	5	180 / 134	46 / 100	123	028	424	5	147 / 99	48 / 102	
4	178	812	479	5	200 / 155	45 / 145	133	165	434	5	154 / 112	42 / 144	
5	143	678	444	5	169 / 117	52 / 197	199	193	500	5	225 / 173	52 / 196	
6	133	014	434	5	158 / 108	50 / 247	171	852	472	5	197 / 145	52 / 248	
7	131	667	432	5	159 / 103	56 / 303	161	110	462	5	191 / 131	60 / 308	
8	148	299	449	5	174 / 122	52 / 355	163	332	464	5	188 / 138	50 / 358	
9	179	460	480	5	199 / 159	40 / 395	175	166	476	5	195 / 155	40 / 398	
10	136	316	437	5	161 / 110	51 / 446	150	904	451	5	174 / 122	48 / 446	
11	136	098	437	5	161 / 111	50 / 496	155	544	456	5	181 / 129	52 / 498	
12	148	224	449	5	172 / 124	48 / 544	161	011	462	5	186 / 136	50 / 548	

over

F.B. 2826 Pg. 190

JOB NO. 0241.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY P. E. Brooks NOTES FEB 18 May 65

INDEXED C. J. GALLI DATE

WEATHER Hazy INST. NO. 96716

TIME 2:15 - 3:15 ROD NO. 8-19

NOTES CHKD [illegible]

						344							
13	144	393	445	5	162 126	36 580	208	547	509	5	225 191	34 582	✓
	~~1871~~ 1971	232	✓				2085	309	✓				
BM28-32													

BM28-32
Slauson Ave and Compton Ave
see F.B. 1354-18

Summation of Run
From B.M. 5-1
To B.M. 28-32

Total Backsights = + 1971.232 ✓
Total Foresights = − 2085.309 ✓
Diff. Elev. = − 114.077 ✓

Backsight stadia = 580 ✓
Foresight Stadia = 582 ✓
Total Stadia = 1162 meters

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible]NGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 5-1 TO BM 5-2
BM 5-1									BM 5-1 (Watts H-2) Alameda & Randolph Sts. See FB 1206-6
1	169	304	470 5	179 159 20	163	317	464 5	173 152 21	
					← Used Steel Tape				π R.R. Rodriguez
2	153	624	454 5	155 151 4 24	58	976	~	60 56 4 25	
	322	928			222	293			
BM 5-2									BM 5-2 Alameda St. and Randolph St. See FB 1206-6

Summation of Run
From B.M. 5-1
To B.M. 5-2

Total Backsights = + 322.928
Total Foresights = − 222.293
Diff. Elev. = + 100.635

Backsight stadia = 24
Foresight Stadia = 25
Total Stadia = 49 Meters

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

SURVEY BY F. E. Brooks

NOTES BY K. M. Kapp DATE 5-18-65

INDEXED C. J. GALLI DATE

WEATHER Hazy

TIME 2:00-2:05

NOTES CHKD [illegible] DATE MAY 24 '65

INST. NO. 96716

ROD NO. 9-14

F.B. 2826 PG 191

F.B. 2826 Pg. 192 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES F.E.B. 18 May 65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 2:10 - 2:15 ROD NO. 919

NOTES CHKD [illegible] DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

[illegible] COUNTY [illegible]

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET [illegible] OR [illegible] AND [illegible]

Do not [illegible]

STATION	BACKSIGHT						FORESIGHT						REMARKS
	RIGHT	MID	LEFT		STADIA		RIGHT	MID	LEFT		STADIA		[illegible] 5-1
BM 5-2													BM 5-2 (U.S. 4078) Alameda St. & Randolph St. See FB 1206-6
	↑ used steel tape												
1	58	808	—		59 56	3	153	523	454	5	155 151	4	
2	162	151	463	5	172 151	21 24	168	143	469	5	178 158	20 24	
	220	959					321	666					π R.R. Rodriguez
BM 5-1													BM 5 (Watts H-2) Ala[illegible] and Randolph St. [illegible] F.B. 1206-6

2826

Summe[illegible] Run
From [illegible] 5-2
To B.[illegible]

Total B[illegible]ghts = [illegible]20.959
T[illegible]ghts = [illegible]21.[illegible]
[illegible]lev. = [illegible]107

Backsight stadia[illegible] = 24
[illegible]resight St[illegible] = 24
[illegible] = 48 meters