Notes Ck'd by Map. No. Office Work Checked Date	Survey of L.A.Co. PRECISE LEVEL NET JN 0301.02 Tape Std °F Surveyed by R.L. STRADER Notes R.L.S. Date 9-11-72 Indexed	F. B. 4130 PG.

FIELD BOOK 4130 INDEX
L.A. COUNTY PRECISE LEVEL NET
J.N. 0301.02

119	1972 RUN (PORTION OF)	5-40
117	1972 RUN	41-

Microfilmed Dec '84.

76F30

Notes Ck'd by	Survey of L.A. Co. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by R.L. STRADER
Checked	Notes R.L.S. Date SEPT '72
Date	Indexed T. M. PALMERI SEP 20 '72

F.B. 4130 PG. 5

L.A. COUNTY PRECISE LEVEL NET

J.N. 0301.02

PORTION OF LINE 119

SEPTEMBER 1972

REFERENCE

F.B. 2872
F.B. 2877
F.B. 2412

SURVEY PARTY

R. STRADER
T. PETERSON
R. ANDERSON
R.J. RODRIGUEZ
L. LOVE

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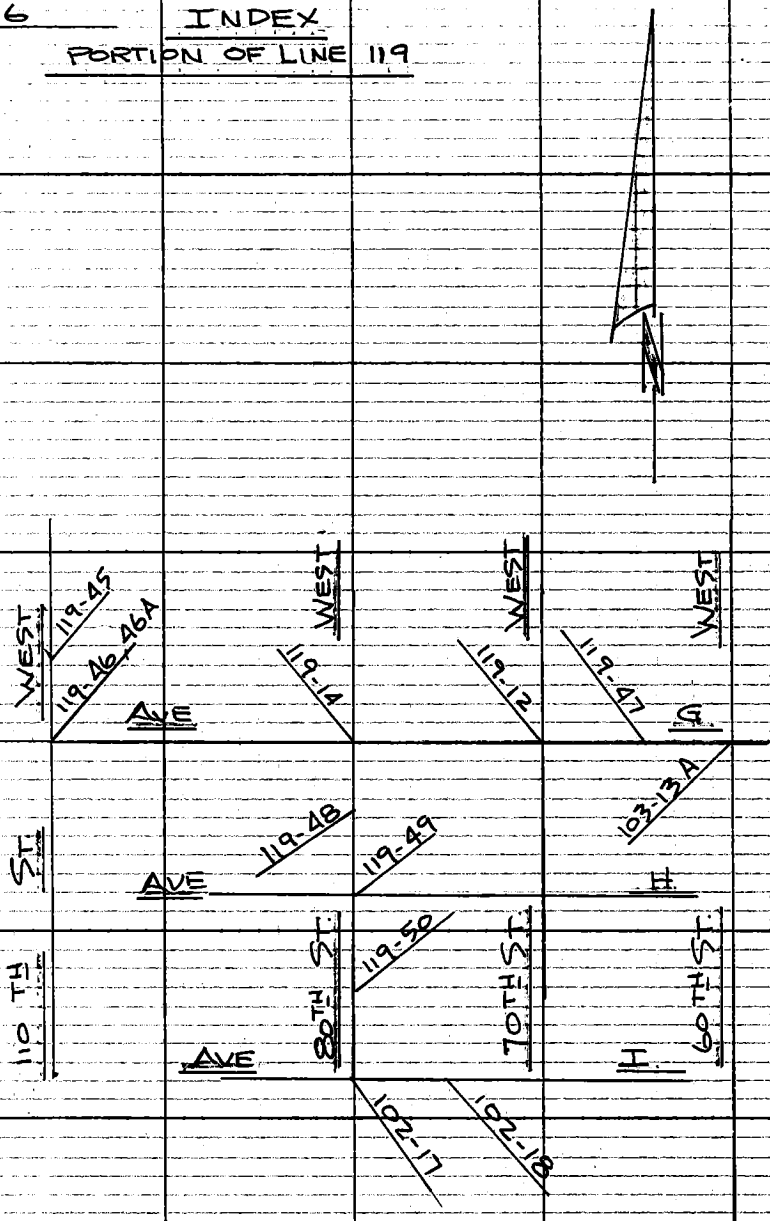
76F3095 CE#310 3-68

F. B. 4130 PG 6

INDEX

PORTION OF LINE 119



NOTE

FOR REMAINDER OF LINE 119 SEE F.B. 2869-70

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STATION	BACKSIGHT Right	Mic.	Left.		Stadia	FORESIGHT Right	Mic.	Left.		Stadia	DESCRIPTION AND REMARKS
Bm119-44											FROM Bm 119-44 TO Bm 119-45
1	139	749	440	5	178 106 66	108	362	409	5	140 76 64	Bm119-44
											110TH ST. W. ABOUT 1.5 MI No.
2	196	172	497	5	229 163 66	125	663	426	5	158 92 66	OF AVE 'G', WEST SIDE
					132					130	F.B. 2872-51
3	223	766	524	5	257 188 68	79	089	380	5	114 44 70	
					200					200	
4	186	357	487	5	278 154 64	98	466	399	5	130 66 64	
					264					264	T STRADER
5	184	598	485	5	278 150 68	123	780	424	5	158 88 70	
					332					334	
6	247	283	548	5	278 216 62	100	318	401	5	133 67 66	
					394					400	
7	150	266	451	5	166 134 32	88	509	389	5	100 76 24	
	+1328	191			426	-724	187			424	
	-724	187								426	
	+604	004								850	
Bm119-45											Bm119-45
											110TH ST. W. ABOUT 1.0 MI. No.
											OF AVE 'G', WEST SIDE
											F.B. 2872-52

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON
INDEXED L. M. PALMERN
DATE 16 AUG 72
DATE SEP 20 72
WEATHER CLEAR & BREEZY
TIME 13:45-14:20
NOTES ROBERT E. HEACOCK
ROD NO. 2/39 A/B
DATE OCT 3 '72
ST. NO. 7S234
F.B. 4130 PG. 7
T= 86°

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F.B. 4130 PG. 8 JOB NO. 0301.02

SURVEY OF LA Co Precise Level Net

SURVEY BY R.L.S. NOTES Cockerham AUG 18, '72

INDEXED L. M. PALMER DATE

WEATHER clear WIND INST. NO. 75234

TIME 14:45 - 15:10 ROD NO. 2159 AB

NOTES ROBERT E. HEAGOCK DATE OCT 3 '72

T=84°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 119-45													FROM BM 119-45 TO BM 119-44
1	75	480	376	5	108 42	66	206	750	507	5	238 174	64	BM 119-45
													110th St West @ 1.0 mi N of
2	65	090	366	5	98 32	66	170	831	471	5	203 137	66	Ave 'G', west side
						132						130	FB 2872-53
3	109	750	410	5	143 75	68	203	273	504	5	238 168	70	
						200						200	
4	114	267	415	5	145 83	62	214 215	955	515	5	247 181	66	
						262						266	
5	74	615	375	5	108 40	68	174	001	475	5	207 141	66	T Strader
						330						332	
6	101	742	402	5	134 68	66	186	003	487	5	219 153	66	
						396						498	
7	127	963	428	5	142 112	30	117	453	418	5	132 102	30	
	+	668907				√426	1273266					√428	
							+	668907				√426	
BM 119-44							−	604359				√854	BM 119-44
													110th St West @ 1.5 mi N of
													Ave 'G', west side
													FB 2872-51

76P526 CE # 308 3-61

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

SURVEY BY R. L. Strader WEATHER clear-breeze INST. NO 75234

NOTES BY Cockerham DATE 23 Aug 72 TIME 1005 - 1040 ROD NO 21374-B

INDEXED L. M. PALMER DATE SEP 20 '72 NOTES CHECKED BY ROBERT E. HEACOCK DATE OCT 3 '72

T = 91°

F.B. 4130 PG. 9

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 119-44													FROM BM 119-44 TO BM 119-45
1	124	418	425	5	151 / 97	54	99	249	400	5	125 / 73	52	BM 119-44
													110th St West @ 1.5 mi N of
2	175	263	476	5	202 / 148	54	114	130	415	5	142 / 86	56	Ave 'G', west side
						108						108	FB 2872-51
3	173	116	474	5	202 / 144	58	78	873 / ~~827~~	379	5	106 / 50	56	
						166						164	
4	204	132	505	5	232 / 176	56	116	993	417	5	143 / 89	54	RERUN
						222						218	
5	186	492	487	5	213 / 159	54	102	059	403	5	130 / 74	56	
						276						274	T - Strader
6	168	143	469	5	196 / 140	56	129	818	430	5	156 / 102	54	
						332						328	
7	222	372 / ~~326~~	523	5	250 / 194	56	81	922	382	5	112 / 50	62	
						388						390	
8	151	093	452	5	170 / 132	38	77	767	378	5	95 / 59	36	
	+ 1405	029				√426	800	811				√426	
	- 800	811										√426	
BM 119-45	+ 604	218										√852	BM 119-45
													110th St West @ 1.0 mi N
													of Ave 'G', west side
													FB 2872-53

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F.B. 4130 PG. 10 JOB NO. 0301.02

SURVEY OF LACo Precise Level Net NOTES Cockerham 22Aug72

SURVEY BY RLS

INDEXED L. M. PALMERI DATE

WEATHER clear - windy INST. NO. 75234

TIME 1405 - 1440 ROD NO. 2137AB

NOTES T=98° CHKD. ROBERT E. HEACOCK DATE OCT 5 '72

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM 119-45													From BM 119-45 To BM 119-44
1	75	596	376	5	101 / 49	52	165	140	466	5	191 / 139	52	BM 119-45
						104						106	110th St West @ 1.0mi N
2	76	440	377	5	102 / 50	52	208	025	509	5	235 / 181	54	of Ave 'G', west side
						158						160	FB 2872-53
3	129	753	430	5	156 / 102	54	168	531	469	5	195 / 141	54	
						212						214	RERUN
4	94	250	395	5	121 / 67	54	180	215	481	5	207 / 153	54	
						264						270	
5	113	648	414	5	139 / 87	52	206	927	507	5	234 / 178	56	
						318						314	T Strader
6	84	615	385	5	111 / 57	54	163	373	464	5	185 / 141	44	
						370						372	
7	111	469	412	5	137 / 85	52	176	293	477	5	205 / 147	58	
						424						424	
8	109	966	410	5	136 / 82	54	131	526	432	5	157 / 105	52	
	+ 795	737					- 1400	030				424	
							+ 795	737				424	
BM 119-44							- 604	293				848	BM 119-44
													110th St West @ 1.5mi N
													of Ave. 'G', west side
													FB 2872-51

76P526 CE # 308 3-61

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM119-45									FROM BM119-45 TO BM119-45A
1	116	753	41	75	122	642	423	5	BM119-45
				12-8				134	24
				104				110	24
	116	753			122	642			48
					116	753			
					5	889			
									110TH ST. W. ABOUT 1.0MI NO. OF AVE'G', WEST SIDE
									FB. 2872-52
									T STRADER
BM119-45A									BM119-45A
									110TH ST W. ABOUT 1.0MI NO. OF AVE'G', EAST SIDE
									FB, 2872-52

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER 72
NOTES BY PETERSON DATE 16 AUG 72 TIME 14:55 WEATHER CLEAR & WINDY INST. NO. 75236
INDEXED T. M. PALMERI DATE SEP 20 72 NOTES CHECKED ROBERT E. HEACOCK DATE OCT 3 72 ROD NO. 2139A

7-86

F.B. 4130 Pg. 11

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F.B. 4130 PG. 12 JOB NO. 0301.02 T=84°

SURVEY OF LA Co Precise Level Net WEATHER Clear-windy INST. NO. 75234

SURVEY BY R.L.S. NOTES Cockerham Aug. 18, '72 TIME 1440-1445 ROD NO. 2139A-B

INDEXED I. M. PALMERI DATE NOTES ROBERT E. HEACOCK CHKD DATE OCT 3 '72

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM 119-45A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 119-45A TO BM 119-45
1 +	119	409	420	5	113	521	414	5	BM 119-45A 110th St West @ 1.0mi N of Ave 'G', east side FB 2872-52
				132 106 26				125 101 24 26 30	
−	113	521							
+	5	888							
									T - STrader
BM 119-45									BM 119-45 110th St West @ 1.0mi N of Ave 'G', west side FB 2872-52.

76P526B CE # 308 8/68

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STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM119-45A													FROM BM119-45A TO BM 119-46
1	95	398	396	5	163 / 87	16	129	808	430	5	137 / 121	16	BM119-45A
													110TH ST. W. ABOUT 1.0MI. NO.
2	93	182	394	5	127 / 59	68	183	115	484	5	215 / 151	64	OF AVE 'G', EAST SIDE
						84						80	FB. 2872-52
3	93	741	394	5	125 / 61	64	234	746	535	5	268 / 200	68	
						148						148	
4	68	348 ~~332~~	369	5	85 / 51	34	298	839	599	5	(1) 298 (2) 381	34	
						182						182	T STRADER
5	41	555	342	5	52 / 30	22	249	544	550	5	260 / 238	22	
						204						204	
6	47	081	348	5	61 / 33	28	203	067	504	5	218 / 188	30	NOTE: T.P. #1 ~~RECD~~ READING WAS TAKEN
						232						234	ON TRIANGULATION STATION
7	130	654	431	5	164 / 96	68	151	563 ~~579~~	452	5	183 / 119	64	DEL SUR ~~ECC. #1~~ G-1
						300						298	ECC. #1 1964
8	193	095	494	5	228 / 158	70	118	639	419	5	153 / 83	70	
						370						368	
9	142	820	443	5	147 / 137	10	104	001	405	5	110 / 98	12	
+	905	874				380	1673	322				380	
						+	905	874				380	
						−	767	448				760	
BM 119-46													BM 119-46
													110TH ST. W. ABOUT 0.5MI. NO.
													OF AVE 'G', WEST SIDE
													F.B. 2872-53

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON
INDEXED I. M. PALMERI
DATE 17 AUG 72
DATE 20 72
WEATHER CLEAR & CALM
TIME 8:04 AM TO 2:56 PM
ROD NO. 2139 AB
NOTES. GARRETT E. HEACOCK
DATE 07 3 72
INST. NO. 75236
F.B. 4130 PG. 13
TE 80

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F.B. 4130 PG. 14 JOB NO. 0301.02

SURVEY OF LACo Precise Level Net

SURVEY BY R.L.S. NOTES Cocker Lam 18 Aug 72

INDEXED L. M. PALMERI DATE

WEATHER clear - windy INST. NO 75234

TIME 1400 - 1440 ROD NO. 2139A

NOTES CHKD ROBERT E. HEACOCK DATE OCT 3 72

T = 84°

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM 119-46													From BM 119-46 To BM 119-45A
1	98	078	399	5	130 66	64	205	469 519	506	5	238 172	66	BM 119-46
													110th St West @ 0.5 mi N. of
2	145	243	446	5	177 113	64	151	919	452	5	184 118	66	Ave 'G', West side
						128						132	F.B. 2872-53
3	178	381	479	5	197 159	38	58	180	359	5	77 39	38	
						166						170	
4	271	829	572	5	286 256	30	22	436	323	5	35 9	26	
						196						196	
5	270	637	571	5	284 256	28	57	548	358	5	71 43	28	π Strader
						224						224	
6	233	025	534	5	268 208	50	97	666	398	5	123 71	52	
						274						276	
7	199	115	500	5	230 168	62	123	317	424	5	153 93	60	
						336						336	
8	166	725	467	5	180 152	28	113	433	414	5	126 100	26	TRAOEL SUR G1 ECC1 1964
						364						362	
9	127	656	428	5	136 118	18	93	269	394	5	102 84	18	
	+ 1690	689				382	- 923	237				380	
	- 923	237										382	
BM 119-45A	+ 767	452										762	BM 119-45A
													110th St West @ 1.0 mi N of
													Ave 'G', east side
													F.B. 2872-52

76P526 CE # 308 3-61

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

SURVEY BY J. FLORECK R.L. STEADER DATE 8-17-72 WEATHER CLEAR & CALM INST. NO. 75231

NOTES BY TIME 10:05 - 10:40 ROD NO. 21391 & 21392

INDEXED L.M. PALMERI DATE 8 20 72 NOTES ROBERT E. HEACOCK DATE OCT 3 72

F.B. 4130 ~~2872~~ PG. 15 ~~26~~

TE 82

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 119-46									FROM B.M. 119-46 TO B.M. 119-20A
1	92	708	393 5	124 60 64	145	301	446 5	179 111 68	B.M. 119-46
2	134	116	435 5	168 100 68 132	157	100	458 5	189 125 64 132	110 STH W. ABOUT 0.5 MI. NO. OF AVE. 'G' WEST SIDE
3	193	382	494 5	228 158 70 202	129	378	430 5	164 94 70 202	F.B. 2872-53
4	144	937	445 5	179 109 70 272	134	251	435 5	168 100 68 270	T PETERSON
5	196	868	497 5	231 161 70 342	133	320	434 5	168 98 70 340	
6	168	154	469 5	180 156 24 366	162	750	463 5	175 149 26 366	
	+ 930	165			-862	100		732	
	- 862	100							
	+ 68	065							
B.M. 119-20A									B.M. 119-20A 110 TH. ST. W. & AVE. 'G' ~~S. W. CORNER~~ & INT. ~~F.B. 2872-26~~ F.B. 3724-89

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M.119-20A									FROM B.M.11920A TO B.M.119-46
1	145	956	446 5	179 111 68	171	972	472 5	204 138 66	B.M.11920A
2	165	316	406 5	140 70 70 138	164	228	465 5	199 129 70 136	~~110TH ST. W. ABOUT 0.5 MI. NO. OF AVE. 'G'~~ ~~F.B. 2872-53~~
3	151	322	452 5	185 117 68 206	176	568	477 5	211 141 70 206	110TH. ST. W. & AVE. G & INT. F.B. 3724-89
4	137	153	438 5	171 103 68 270	163	088	464 5	194 132 62 268	
5	176	450	477 5	210 142 68 342	169	578	470 5	206 132 74 342	T PETERSON
6	157 939		450 5	169 143 26	96 068		397	104 83 26	
	+ 874 136			1368	941 502			1368	
					+ 874 136			1368	
					67366			1736	
B.M.119-46									B.M.119-46 110TH. ST. W. ABOUT 0.5 MI. NO. OF AVE. 'G' F.B. 2872-53

WEATHER CLEAR/WINDY INST. NO. 25234

TIME 11:15-11:50 ROD NO. 2139A&B

NOTES ROBERT E. HEACOCK DATE OCT 3 '72

T=80

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVELING

SURVEY BY R.L. STRADER NOTES J. FLOREK AUG. 18 '72

INDEXED L. M. PALMERI DATE

F.B. 4130 PG. 16

F.B. 4130 PG. 17

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

SURVEY BY _____ WEATHER _____ INST. NO. _____

NOTES BY _____ DATE _____ TIME _____ ROD NO. _____

INDEXED _____ DATE _____ NOTES ROBERT E. HEACOCK DATE OCT 3 72

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

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 119-20A													FROM B.M. 119-20A TO B.M. 119-46
1	138	351	439	5	163 113	50	158	188	459	5	183 133	50	B.M. 119-20A
													110TH. ST. W. & AVE. 'G' & INT.
2	110	003	411	5	139 81	58	172	736	473	5	201 143	58	F.B. 3724-89
	+					108						108	
3	141	182	442	5	169 113	56	155	488	456	5	183 127	56	
						164						164	
4	142	7~~4~~ 7	443	5	170 114	56	176	495	477	5	204 148	56	π PETERSON
						220						220	
5	151	~~427~~ 388	452	5	179 123	56	171	703	472	5	199 143	56	RERUN
						276						276	
6	178	564	479	5	206 150	56	158	391	459	5	186 130	56	
						332						332	
7	184	824	485	5	202 166	36	122	234	423	5	140 104	36	
	+ 1047	10~~6~~ 9				368	- 1115	235				368	
							+ 1047	10~~6~~ 9				368	
							- 68	129~~6~~				736	
B.M. 119-46													B.M. 119-46
													110TH. ST. W. ABOUT 0.5 MI. NO. OF AVE. 'G'.
													F.B. 2872-53

T = 94°

WEATHER CLEAR TEMP. 80°F INST. NO. 25234

TIME 10:55-11:25 ROD NO. 2139 A&B

NOTES ROBERT E. HEACOCK DATE OCT 3 '72

F.B. 4130 PG. 18 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY P.L.S. TRAUER NOTES J. FLOREK AUG 23, '72

INDEXED T. M. PALMER 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 CANCELED 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
BM119-12									FROM BM119-12 TO BM 119-47
1	102	590	403	5 ½ 130 102 56	168	198	469	5 196 140 56	BM119-12 70th St West @ Ave 'G' NW Cor. FB 2872-18
2	137	558	438	5 166 108 58	158	021	459	5 187 129 58	
3	126	498	427	5 155 97 58 114	177	011	478	5 206 148 58 114	
4	127	620	428	5 156 98 58 172	173	~~472~~ 428	474	5 202 144 58 172	
5	122	433	423	5 150 94 56 230	172	412	473	5 199 145 54 230	
6	127	071	428	5 155 99 56 286	170	927	471	5 199 141 58 284	T Peterson
7	132	054	433	5 161 103 58 342	186	702	487	5 215 157 58 342	
8	132	584	433	5 161 103 58 400	145	307	446	5 174 116 58 400	
	+ 1008	408		/ 458	- 1352	006	/	/ 458	
				+	1008	408	/	/ 458	
BM119-47				-	343	598	/	/ 916	BM119-47 Ave 'G' @ 0.5 mi E of 70th St. West, north side FB. 2872-54

~~NOTE~~:

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

SURVEY BY R.L. Stroder WEATHER clear-calm INST. NO. 75234

NOTES BY Cockerham DATE 24 Aug 72 TIME 0915-0955 ROD NO. 213948

INDEXED L. M. PALMER DATE SEP 20 72 NOTES BY ROBERT E. HEACOCK DATE OCT 3 '72

T=84°

F.B. 4130 PG. 19

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 20 | JOB NO. 0301.02 | SURVEY OF LA Co Precise Level Net | SURVEY BY RLS | NOTES Cockerham 24 Aug 72 | INDEXED I. M. PALMERI | DATE

WEATHER clear-breeze | INST. NO. 75234 | ROD NO. 2137 AB | TIME 1415 - 1200 | DATE OCT 3 '72 | NOTES CHKD ROBERT E. HEACOCK | T = 88°

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM 119-47													From BM 119-47 to BM 119-12
1	141	453	442	5	166 116	50	133	203	434	5	158 108	50	BM 119-47 Ave G @ 0.5 mi E of 70th St West, north side FB 2872-54
2	179	813	480	5	204 154	50	135	128	436	5	161 109	52	
						100						102	
3	172	290	473	5	196 148	48	136	558	437	5	160 112	48	
						148						150	
4	175	097	476	5	200 150	50	130	489	431	5	155 105	50	
						198						200	
5	175	722	476	5	200 150	50	129	177	430	5	154 104	50	
						248						250	
6	167	942	468	5	192 142	50	128	396	429	5	153 103	50	T Peterson
						298						300	
7	170	031	471	5	194 146	48	131	538	432	5	155 107	48	
		817				346						348	
8	157	~~778~~	458	5	180 134	46	145	167	446	5	169 121	48	
						392						396	
9	163	870	464	5	186 140	46	145	111	446	5	167 123	44	
						438						440	
10	162	824	463	5	175 149	26	108	200	409	5	120 96	24	
	+ 1666	859				464	-1322	967				464	
	- 1322	967										464	
BM 119-12	+ 343	892										928	BM 119-12 70th St West @ Ave G NW Cor. FB 2872-18

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.

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

SURVEY BY R. L. Strader

NOTES BY Cockerham DATE 24 Aug 72 TIME 1305 - 1345 WEATHER clear-windy INST. NO. 75234

INDEXED L. M. PALMERI DATE SEP 20 72 NOTES BY BRUCE HEACOCK DATE OCT 3 72 ROD NO. 21384B

T 86

F.B. 4130 PG. 21

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 119-12	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 119-12 TO BM 119-47
1	99	049	400	5	111 87	24	149	988	450	5	160 138	22	BM 119-12
2	132	802	433	5	158 106	52	161	592	462	5	189 133	56	70th st West @ Ave 'G', NW Cor FB 2872-18
3	135	342	436	5	163 107	76 56	156	855	457	5	185 127	78 58	
4	118	137	419	5	145 91	132 54	158	661	459	5	183 133	136 50	RERUN
5	118	764	419	5	143 93	186 50	162	069	463	5	188 136	186 52	
6	115	623	416	5	141 89	236 52	163	986	464	5	189 137	238 52	T Strader
7	123	067	424	5	150 96	288 54	164	109	465	5	190 138	290 52	
8	122	183	423	5	149 95	342 54	159	818	460	5	184 134	342 50	
9	110	813	411	5	136 84	396 52	170	206	471	5	198 142	392 56	
10	147	590	448	5	154 140	448 14	119	934	420	5	126 112	448 14	
	+ 1223	370				462	-1567	218				462	
						+	1223	370				462	
BM 119-47						-	343	848				924	BM 119-47 Ave 'G' @ 0.5 mi E of 70th st West, north side FB 2872-54

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
Bm119-47											FROM Bm 119-47 TO Bm 103-13A
1	104	729	405	S	131 / 77 54	172	416	473	S	198 / 146 52	Bm119-47 AVE 'G' ABOUT 0.5 MI. EAST OF 70TH ST. W., NORTH SIDE FB. 2872-54
2	132	943	433	S	159 / 105 54 / 108	177	570	478	S	204 / 150 54 / 106	
3	134	807	435	S	162 / 106 56 / 164	168	095	469	S	195 / 141 54 / 160	
4	130	130	431	S	156 / 104 52 / 216	170	200	471	S	198 / 142 56 / 216	T COCKERHAM
5	124	764	425	S	150 / 98 52 / 268	179	948	480	S	206 / 152 54 / 270	
6	131	657	432	S	157 / 105 52 / 320	166	884	467	S	191 / 141 50 / 320	
7	140	197	441	S	162 / 118 44 / 364	178	427	479	S	200 / 156 44 / 364	
+	899	227			+	1213	540			364	
						+ 899	227			364	
						− 314	313			728	
Bm103-13A											Bm103-13A 60TH ST. W. & AVE 'B' N.E. COR FB. 2877-49

NOTE! LINE 103 HAS BEEN RECENTLY RUN, NO OVERLAP SECTION TAKEN.

T=90°

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON DATE 24 AUG 72 WEATHER CLEAR INST. NO. 25234
TIME 09:55-10:35 ROD NO. 2139AP
INDEXED J. M. PALMER DATE SEP 20 72 NOTES ROBERT E. HEACOCK DATE OCT 3 72

F.B. 4130 PG. 23

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. 4130 PG. 24 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 2441092

INDEXED I.M. PALMERI DATE

WEATHER CLEAR & WARM INST. NO. 75234

TIME 10:25 - 11:55 ROD NO. 139A3

NOTES CHKD ROBERT E. HEACOCK DATE OCT 3 72

T=90

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 103-13A													FROM BM 103-13A TO BM 119-47
1	174	881	475	5	196 / 152	44	136	808	437	5	158 / 114	44	BM 103-13A 60TH ST. W. & AVE 'G' N.E. COR F.B. 2877-49
2	173	480	474	5	201 / 145	56 / 100	137	798 ~~775~~	438	5	164 / 110	54 / 98	
3	179	673	480	5	204 / 154	50 / 150	132	791	433	5	156 / 108	48 / 146	
4	176	147	477	5	201 / 151	50 / 200	129	002	430	5	155 / 103	52 / 198	T COCKERHAM
5	165	646	466	5	190 / 140	50 / 250	138	753	439	5	164 / 112	52 / 250	
6	176	311	477	5	199 / 153	46 / 296	126	997	427	5	150 / 102	48 / 298	
7	156	623	457	5	175 / 137	38 / 334	137	820	438	5	155 / 119	36 / 334	
8	165	347	466	5	180 / 150	30 / 364	113	783	414	5	128 / 98	30 / 364	
	+ 1368	108					1053	752				364	
	- 1053	752										728	BM 119-47 AVE 'G' ABOUT 0.5 MI. EAST OF 70TH ST. W. F.B. 2872-54
BM 119-47 +	314	356											

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET.
SURVEY BY R. L. STOLAROFF
NOTES BY PETERSON
DATE 10 AUG 72
WEATHER CLEAR & STILL
TIME 1:15 - 1:45
INSTR. NO. 75224
INDEXED L. M. PALMER
DATE SEP 20 72
NOTES ROBERT E. HEACOCK
DATE OCT 3 72
ROD NO. 21394B
F.B. 4130 Pg. 25

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM119-14													FROM BM 119-14 TO BM 119-48
1	101	260	402	5	123 / 79	44	160	972	461	5	183 / 137	46	BM119-14 AVE G & 80TH ST. W N.W. COR
2	142	202	443	5	174 / 110	64 / 108	127	922	428	5	159 / 95	64 / 110	FB. 2872-20
3	148	680	449	5	178 / 118	60 / 168	149	402	450	5	178 / 120	58 / 168	
4	145	862	446	5	175 / 115	60 / 228	126	267	427	5	156 / 96	60 / 228	T ANDERSON
5	142	543	443	5	172 / 112	60 / 288	135	543	436	5	165 / 105	60 / 288	
6	138	413	439	5	167 / 109	58 / 346	121	643	422	5	149 / 93	56 / 344	
7	155	608	456	5	185 / 125	60 / 406	125	608	426	5	154 / 96	58 / 402	
8	147	738	448	5	152 / 142	10 / 416	144	102	445	5	151 / 137	14 / 416	
+	1122	306					1091	459					
BM119-48 -	1091	459											
+	30	847											
												416 / 832	BM119-48 80TH ST. W. ABOUT 0.5 MI SO. OF AVE G WEST SIDE FB. 2872-55

PE 96

F.B. 4130 PG. 26 | JOB NO. 0301.02 | T-74°

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER AUG. 10, '72

INDEXED T.M. PALMERI DATE

WEATHER CLEAR-CALM INST. NO. 75234

TIME 9:45-10:15 ROD NO. 2139 A.3

NOTES ROBERT E. HEACOCK DATE OCT 3 '72

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 119-48											FROM BM 119-48 TO BM 119-14
1	137	328	438	5	173 101 72	173	568 ~~546~~	474	5	209 137 72	BM 119-48
2	133	264	434	5	170 96 74	150	032	451	5	187 113 74	80TH ST. W. ABOUT 0.5 MILE S. OF AVE. "G",
3	143	652	444	5	179 107 72 146	167	732	468	5	204 130 74 146	WEST SIDE OF ROAD, F.B. 2872-55
4	154	373	455	5	190 118 72 218	155	338	456	5	190 120 70 220	
5	144	790	445	5	180 108 72 290	159	982	460	5	195 123 72 290	π T. PETERSON
6	190	311	491	5	216 164 52 368	127	947	428	5	153 101 52 362	
+	903	718			414	-934	599			414	
						+903	718			414	
						-30	881			828	
BM 119-14											BM 119-14 AVE. "G" & 80TH ST. W. N.W. COR., F.B. 2872-20

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. L. STRADER
NOTES BY PETERSON
INDEXED L. M. PALMERI
DATE 18 AUG 72
DATE 20 72
WEATHER CLEAR & STILL
TIME 13:00 - 13:35
NOTES CHKD ROBERT L. HILLCOCK
INST. NO. 75230
ROD NO. 2139
DATE OCT 3 '72
F.B. 4130 PG. 27
TE 96

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
Bm119-48									FROM Bm119-48 TO Bm119-49
1	110	258	411	5	137 / 83 / 54	186	863	487	5	211 / 161 / 50	Bm119-48
2	120	585	421	5	153 / 87 / 66 / 120	162	861	463	5	197 / 127 / 70 / 120	80TH ST. W. ABOUT 0.5 MI SO. OF AVE 'G' WEST SIDE
3	126	~~128~~ 170	427	5	156 / 96 / 60 / 180	169	351	470	5	200 / 138 / 62 / 182	FB 2872-55
4	105	958	406	5	135 / 75 / 60 / 240	165	889	466	5	198 / 132 / 66 / 248	
5	116	968	417	5	145 / 87 / 58 / 298	130	371	431	5	158 / 106 / 48 / 296	T ANDERSON
6	140	572	441	5	169 / 111 / 58 / 356	146	360	447	5	174 / 118 / 56 / 352	
7	138	858	439	5	155 / 121 / 34 / 390	126	272	427	5	148 / 108 / 36 / 388	
8	134	660	435	5	141 / 127 / 14 / 404	93	008	394	5	101 / 85 / 16 / 404	
+	994	029				1180	975				
						+ 994	029				
						− 186	946				
Bm109-49											Bm119-49 80TH ST. W. & AVE 'H' N.W. COR F.B. 2872-56

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. 4130 PG. 28 | JOB NO. 0301.02 T=74°

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER AUG 10 '72

INDEXED L. M. PALMERI DATE

WEATHER CLEAR. CALM INST. NO. 75234

TIME 9:10 / 9:40 ROD NO. 2139 A-13

NOTES CHK ROBERT E. HEACOCK DATE OCT 3 '72

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 119-49	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 119-49 TO BM 119-48
1	113	738	414	5	128 98	30	158	961	459	5	173 143	30	BM 119-49 AVE. "H" & 80TH ST. W.
2	154	962	455	5	192 116	76 106	153	966	454	5	191 115	76 106	N.W. COR. F.B. 2872-56
3	157	528	458	5	194 120	74 180	130	701	431	5	167 93	74 180	
4	198	545	499	5	236 160	76 256	119	588	420	5	157 81	76 256	
5	166	133	467	5	204 128	76 332	122	794	423	5	160 84	74 330	K. T. PETERSON
6	181	352	482	5	214 148	66 √398	99	008	400	5	132 66	66 √396	
	+ 972	258					−785	018				√398 794	
	− 785	018											
	+ 187	240											
BM 119-48													BM 119-48 80TH ST. W. ABOUT 0.5 MILE S. OF AVE. "G" WEST SIDE OF ROAD, F.B. 2872.55

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. L. STRADER
NOTES BY PETERSON DATE AUG. 14, '72 WEATHER CLEAR & WINDY
INDEXED L. M. PALMERI DATE SEP 20 '72 NOTES ROBERT E. HEACOCK DATE OCT 3 '72
TIME 13:15 - 13:45 ROD NO. 2136AB INST. NO. 75234
F.B. 4130 PG. 29
T = 86°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 119-48									FROM BM 119-48 TO BM 119-49
1	107	534	408 5	134 80 54	184	231	485 5	210 158 52	BM 119-48
2	144	981	445 5	173 115 58	187	477	488 5	216 158 58	80 TH ST W. ABOUT 0.5 mi So. OF AVE 'G' WEST SIDE
				112	185			110	F.B. 2872-55
3	149	345	450 5	181 117 64	~~186~~	970	486 5	217 153 64	
				176				174	
4	119	115	420 5	153 85 68	190	476	491 5	224 156 68	
				244				242	
5	148	124	449 5	183 113 70	155	038	456 5	190 120 70	T STRADER
				314				312	
6	156	310	457 5	191 121 70	153	711	454 5	188 118 70	
				384				382	
7	156	500	457 5	164 148 16	112	420	413 5	120 104 16	RERUN
	+ 981	939		400	- 1169	323		398	
					+ 981	939		400	
					- 187	384		798	
BM 119-49									BM 119-49
									80 TH ST W & AVE H N.W. COR
									F.B. 2872-56

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 R. L. STRAGER

NOTES BY R. Ramirez

DATE 10-Aug. '72

INDEXED L. M. PALMER

DATE 20 72

WEATHER CLEAR & COOL

TIME 13:30-14:25

INST. NO 72234

ROD NO 2139 H.K.

NOTES CHARLES E. HEACOCK

ROBERT E. HEACOCK

DATE OCT 3 70

1" = 100'

F.B. 4130 PG. 31

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 119-49 TO B.M. 119-50
B.M. 119-49					153						200		B.M. 119-49
1	118	318	419	5	83	70	165	860	466	5	130	70	80TH. ST. W. & AVE. "H"
					180						174		F.B. 2872-56 N.W. COR.
2	145	550	446	5	110	70	139	389	440	5	104	70	
					210	140					191	140	
3	175	312	476	5	140	70	156	802	457	5	121	70	
					161	210					207	210	
4	126	780	427	5	91	70	172	890	473	5	137	70	T = RODRIGUEZ
					184	280					154	280	
5	154	910	455	5	124	60	124	928	425	5	94	60	
					204	340					201	340	
6	169	213	470	5	134	70	166	701	467	5	131	70	
					144	410					109	410	
7	136	968	437	5	128	16	95	570	396	5	86	18	
						424						428	
+	1027	051					1022	140				426	B.M. 119-50
B.M. 119-50	1022	140										854	80TH. ST. W., ABOUT 0.6
+	4	911											MI. NORTH OF AVE. "I"
													F.B. 2872-57 E. SIDE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4130 PG. 32 | JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRUDER NOTES ANDERSON DATE: 11-AUG. '72

INDEXED J. M. PALMERI DATE

WEATHER CLEAR & WARM INST. NO. 75239

TIME 13:40 - 14:10 ROD NO. 2/3 A-B

NOTES: CHKD ROBERT E. HEACOCK DATE OCT 5 '72

T = 100°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 119-50 TO B.M. 119-49
B.M. 119-50													B.M. 119-50
					138						182		80TH. ST. W. ABOUT 0.5
1	121	619	422	5	104	34	165	252	466	5	148	34	MI. NORTH OF AVE. "I"
					212						222		F.B 2872-57 E. SIDE
2	180	088	481	5	148	64	190	319	491	5	158	64	
					159	98					193	98	
3	133	148	484	5	107	52	167	012	468	5	141	52	
					205	150					152	150	
4	173	470	474	5	141	64	119	952	420	5	86	66	
					184	214					192	216	
5	153	771	454	5	122	62	160	708	461	5	128	64	
					155	276					183	280	
6	125	400	426	5	95	60	154	149	455	5	125	58	
					192	336					185	338	
7	164	172	465	5	136	56	156	809	457	5	127	58	
					186	392					127	396	
8	168	358	469	5	150	36	111	029	412	5	95	32	
	+1220026					428	-1225.230					428	
B.M. 119-49							+1220.026					428	B.M. 119-49
							- 5.204					856	80TH. ST. W. & AVE. "H"
													F.B 2872-56 N.W. COR.

T = RODRIGUEZ

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM119-49 TO BM119-50
BM119-49									BM119-49
1	106	669	407 5	132 80 52	165	158	466 5	190 140 50	80TH ST W. & AVE 'H' N.W COR
2	149	410	450 5	183 115 68	156	329	457 5	190 122 68	F.B. 2872-56
				120				118	
3	182	660	483 5	217 147 70	150	034	451 5	184 116 68	
				190				186	
4	149	360	450 5	185 113 72	191	781	492 5	230 152 78	
				262				264	
5	151	172	452 5	186 116 70	129	269	430 5	164 94 70	T STRADER
				332				334	
6	182	966	483 5	216 148 68	175	030	476 5	209 141 68	
				400				402	
7	166	671	467 5	180 152 28	116	229	417 5	130 102 28	RERUN
				428				430	
+	1088908				-1083830			428	
-	1083830							858	
+	5078								
BM119-50									BM119-50
									80TH ST. W. ABOUT 0.5 MI N.
									OF AVE 'I' E. SIDE
									F.B. 2872-57

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

SURVEY BY R. L. STRADER

NOTES BY PETERSON DATE 14 AUG 72 WEATHER CLEAR & WINDY

TIME 13:45-14:10 INST. NO. 75234

INDEXED T. M. PALMERI DATE 20 72 NOTES ROBERT E. HEACOCK ROD NO. 2139 AP DATE OCT 3 '72

T = 86°

F.B. 4130 PG. 33

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 119-50 TO B.M. 102-17
B.M. 119-50					70						178		B.M. 119-50
1	62	438	363	5	54	16	170	001	471	5	162	16	80TH. ST. W., ABOUT 0.5
					153						200		MI. NORTH OF AVE. "I"
2	117	520	418	5	81	72	163	030	464	5	126	74	F.B. 2872-57 E. SIDE
					190	88					193	90	
3	155	130	456	5	120	70	158	382	459	5	123	70	
					180	158					214	160	
4	150	888	451	5	120	60	184	720	485	5	154	60	
					167	218					221	220	T = RODRIGUEZ
5	137	162	438	5	107	60	191	819	492	5	161	60	
					170	278					205	280	
6	140	071	441	5	110	60	175	668	476	5	145	60	
					182	338					125	340	
7	160	401	461	5	138	44	103	649	404	5	81	44	
4	923	610				382	1147	269				384	
B.M. 102-17							+ 923	610				382	B.M. 102-17
							− 223	659				766	80TH. ST. W. & AVE. "I"
													F.B. 2412-23 N.W. COR.

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

SURVEY BY R. L. STRADER

NOTES BY R. WIDERSON DATE 10-AUG-72 WEATHER CLEAR & CALM INST. NO. 75234

TIME 14:25 - 14:50 ROD NO. 237 A.B.

INDEXED T. M. PALMER DATE 20 72 NOTES CHKD. ROBERT E. HEACOCK DATE 3 72

T = 1040°

F.B. 4130 PG. 35

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 36 | JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STARBA NOTES AUREKOW DATE: 11-AUG. '72

INDEXED I. M. PALMER DATE

WEATHER Overcast/windy INST. NO. 75 224

TIME 13:00-13:35 ROD NO. 239 A-B

NOTES CHKD. ROBERT E. HEACOCK DATE

T = 100°

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
B.M. 102-17													From B.M. 102-17 To B.M. 119-50
~~B.M. 102-17~~													B.M. 102-17
													80TH. ST. W. & AVE. "I"
					103			721			168		
1	85	582	286	5	67	36	153	761	454	5	138	30	F.B. 2412-23 N.W. Cor.
		560			220		144				181		
2	185	4	486	5	156	70	~~145~~	932	445	5	107	74	
					234	106					166	104	
3	202	008	503	5	170	64	133	288	439	5	100	66	
					210	170					183	170	
4	178	768	479	5	146	64	150	259	451	5	117	66	
					188	234					190	236	T = RODRIGUEZ
5	156	302	457	5	124	64	155	031	456	5	120	70	
					200	298					148	306	
6	166	031	467	5	172	68	117	280	418	5	86	62	
					170	366					69	368	
7	164	702	465	5	168	12	61	019	362	5	55	12	
	+1138	953				378	-915	570				380	
B.M. 119-50	-915	570										378	B.M. 119-50
	+223	383										758	80TH. ST. W., ABOUT 0.5 MI. NORTH OF AVE. "I"
													F.B. 2872-57 E. SIDE

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY
INDEXED L. M. PALMERI
DATE 14 AUG 72
DATE 8 20 72
WEATHER CLEAR & WINDY
TIME 14:18 - 14:50
NOTES CHECKED ROBERT E. HEACOCK
INST. NO. 75239
ROD NO. 23940
OCT 3 '72
F.B. 4130 PG. 37
TC 86°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM119-50									FROM BM119-50 TO BM 102-17
1	54	425	355 S	65 / 43 22	174	478	475 S	185 / 163 22	BM119-50
2	111	700	412 S	143 / 79 64 / 86	152	918	453 S	185 / 119 66 / 88	80TH ST. W. ABOUT 0.5 MI N. OF AVE 'I' EAST SIDE F.B. 2872-57
3	145	746	446 S	178 / 112 66 / 152	144	383	445 S	176 / 112 64 / 152	
4	146	010	447 S	179 / 113 66 / 218	185	758	486 S	217 / 153 64 / 216	T COCKERHAM
5	122	554	423 S	159 / 85 74 / 292	188	084	489 S	226 / 150 76 / 292	
6	137	346 / 374	438 S	170 / 104 66 / 358	165	099	466 S	198 / 132 66 / 358	RERUN
7	154	763	455 S	165 / 143 22	85	267	386 S	97 / 73 24	
+	872	544		380	1095	987		382	
					+ 872	544		380	
					− 223	443		762	
BM102-17									BM 102-17 80TH ST. W. & AVE 'I' N.W. COR F.B. 2412-23

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 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 B.M. 102-17 TO B.M. 102-18
B.M. 102-17					194						174		B.M. 102-17
1	150	719	451	5	106	88	130	353	431	5	86	88	80TH. ST. W. & AVE. "I"
					219						168		
2	183	160	484	5	147	72	131	880	432	5	94	74	F.B. 2412-23 N-W. COR.
					232	160					156	162	
3	196	850	497	5	160	72	120	710	421	5	84	72	
					208	232					163	234	
4	173	429	474	5	138	70	128	730	429	5	93	70	
					219	302					143	304	T = RODRIGUEZ
5	184	199	485	5	149	70	110	542	411	5	77	66	
					184	372					127	370	
6	170	199	471	5	156	28	111	891	412	5	95	32	
	+ 1058	556			400		- 734	106				402	
B.M. 102-18	- 734	106										400	B.M. 102-18
	+ 324	450										802	AVE. "I" ABOUT 0.5 MI.
													WEST OF 80TH. ST. W.
													F.B. 2412-24 NO. SIDE

T = 94°

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

SURVEY BY P. L. STRATMOER

NOTES BY P. RADEASCA DATE 11-AUG. 72 WEATHER CLEAR & COOL INST. NO. 76237

INDEXED T. M. PALMER DATE SEP 20 72 TIME 11:10-11:40 ROD NO. 2189-18

NOTES ROBERT E. HEACOCK DATE OCT 3 72

F.B. 4130 PG. 39

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4130 PG. 40 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADEK NOTES ANDERSON DATE: 11-AUG. '72

INDEXED J. M. PALMERI DATE

WEATHER CLEAR/CALM INST. NO. 25239

TIME 10:35-11:05 ROD NO. 2189-B

NOTES CHIEF ROBERT E. HEACOCK DATE OCT 3, 72

T = 94°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 102-18 TO B.M. 102-17
B.M. 102-18													B.M. 102-18
					129						220		AVE. "I", ABOUT 0.5
1	107	691	408	5	85	44	193	309	494	5	166	54	MI. WEST OF 80TH. ST. W.
					150						200		F.B. 2412-24 NORTH SIDE
2	120	861	421	5	90	60	174	001	475	5	148	52	
					162	104					207	106	
3	126	010	427	5	90	72	170	238	471	5	133	74	
					150	176					223	180	T = RODRIGUEZ
4	114	808	415	5	78	72	192	992	493	5	141	62	
					182	248					228	242	
5	147	218	448	5	112	70	190	598	491	5	152	76	
					171	318		321			191	318	
6	128	161	429	5	85	86	148	~~172~~	449	5	105	86	
	+744	749				1404	-1069	459				1404	
B.M. 102-17							+744	749				1404	B.M. 102-17
							-324	710				1808	80TH. ST. W. & AVE. "I"
													F.B. 2412-23 N.W. COR.

Notes Ck'd by	Survey of L.A. Co. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by R. L. STRADER
Checked	Notes R.L.S. Date
Date	Indexed G. D. BAILEY OCT 6 72

F. B. 4130 PG. 41

L.A. COUNTY PRECISE LEVEL NET

J.N. 0301.02

LINE 117

REFERENCE	SURVEY PARTY
F.B. 2870	R. STRADER
F.B. 3726	T. PETERSON
F.B. 2410	R. ANDERSON
F.B. 2412	L. LOVE
	R.J. RODRIGUEZ

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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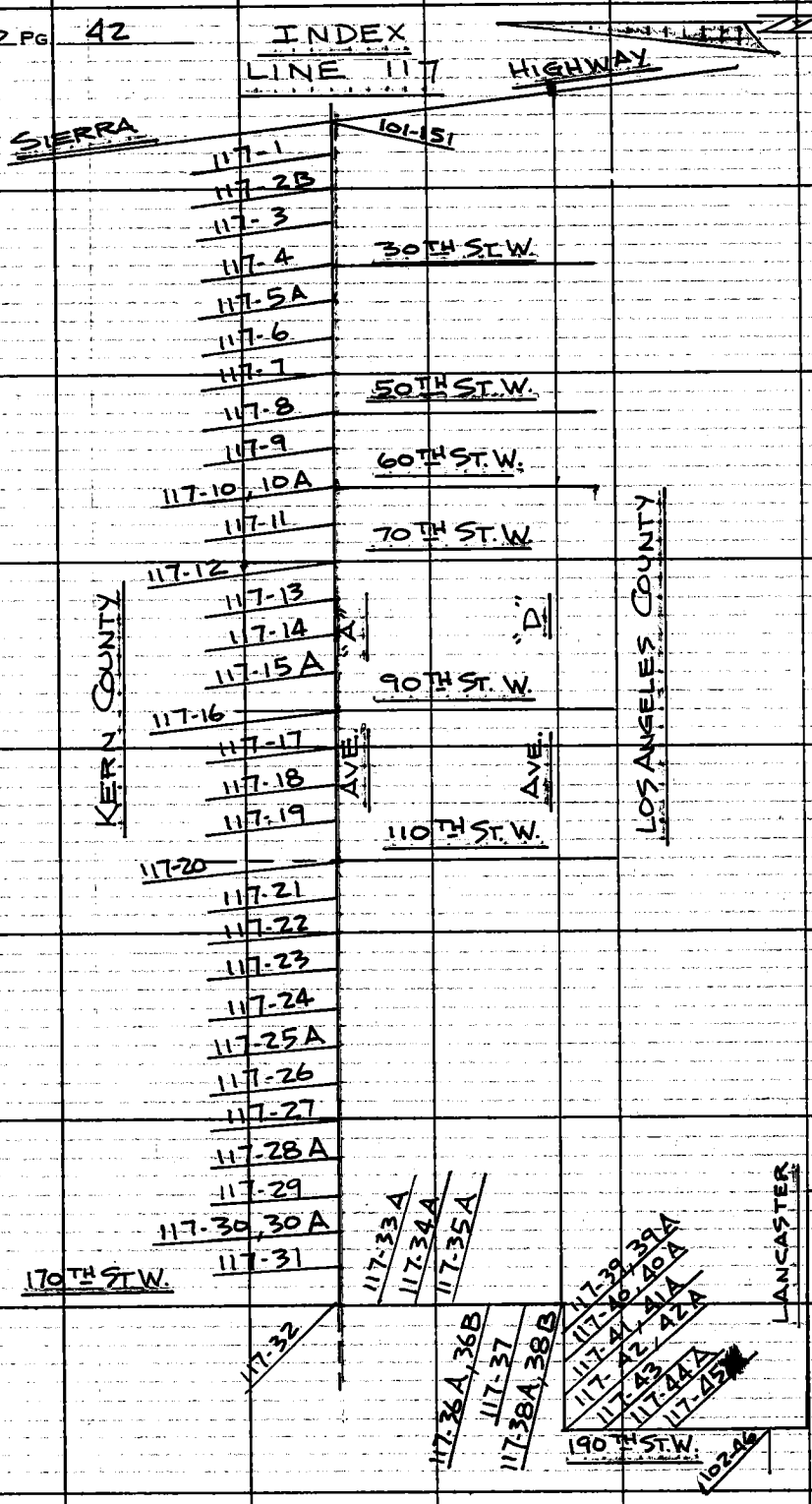
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 4130 PG. 42

INDEX
LINE 117



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COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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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 Rodriguez DATE 7-SEPT. 72 WEATHER Clear-Calm TIME 10:30 - 11:05 INST. NO. 72234 ROD NO. 209149
NOTES BY T. M. PALMER DATE SEP 20 72 NOTES CHKD ROBERT E. HEACOCK DATE OCT 3 72
INDEXED T. M. PALMER
T=82° F.B. 4130 PG. 43

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM101-151													From BM101-151 To TBM #1
1.	157	321	458	5	183 131	52	193	468	494	5	219 167	52	BM 101-151 S.P.R.R. @ AV "A" & L.A. & KERN CO. LN IN CULVERT FB. 2410-44
2.	163	983	464	5	192 134	58	145	757	446	5	174 116	58	
3	185	117	486	5	213 157	110 56	138	738	439	5	166 110	110 56	T POTERSON
4	161	906	462	5	190 132	166 58	132	096	433	5	161 103	166 58	
5.	161	431	462	5	188 134	224 54	137	628	438	5	164 110	224 54	
6.	149	557	450	5	155 143	278 12	129	091	430	5	135 123	278 12	
+	979	315				290	876	778				290	
−	876	778										290	
T.B.M #1 +	102	537										580	T.B.M #1 50' SIDE OF AV "A" & IN P.P. # 1821214E

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

T = 68°

WEATHER Clear-Calm INST. NO 25234

TIME 9:45 To 10:15 ROD NO 2139 HB

NOTES ROBERT E. HEACOCK DATE OCT 3 '72

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
T.B.M #1	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM T.B.M #1 TO B7101-151
1	114	454	415	5	142 86	56	158	861	459	5	186 130	56	T.B.M #1 SO. SIDE OF AV "A" &
2.	135	774	436	5	165 105	60	162	860	463	5	192 132	60	IN P.P. #1821214E
3.	130	092	431	5	161 99	116 62	171	292	472	5	202 140	116 62	T PETERSON
4	141	658	442	5	170 112	178 58	180	782	481	5	209 151	178 58	
5	163	394	464	5	177 149	236 28	171	073	472	5	184 158	236 26	
6.	160	309	461	5	171 149	264 22	103	553	404	5	115 91	262 24	
	+ 845	681	✓		✓	286	948	421	✓			✓286	
							+ 845	681	✓			✓286	
B7101-151							— 102	740	✓			✓572	B7101-151 S.P.R.R. @ AV "A" @ L.A & KERN CO. LN. IN CULVERT. FB. 2410-44

F.B. 4130 PG. 44 JOB NO 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Stradel NOTES TZ0021912 9-13-72

INDEXED T. M. PALMERI DATE

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY ST RODRIGUEZ DATE 7-SEPT-72 WEATHER Clear INST. NO. 25234
NOTES BY R. ODRIGUEZ TIME 11:05-11:40 ROD NO. 2289M
INDEXED T. M. PALMER DATE SEP 20 72 NOTES ROBERT E. HEACOCK DATE OCT 3 72
F.B. 4130 PG. 45

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
T.B.M #1	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM T.B.M #1 TO BM117-1
1.	144	588	445	5	166 / 122	44	138	854	439	5	157 / 117	42	T.B.M #1
													SO. SIDE OF AV "A" E.
2	160	698	461	5	188 / 132	56	134	841	435	5	163 / 105	58	IN P.P. # 1821214E
3	162	113	463	5	191 / 133	100 / 58	136	018	437	5	165 / 107	100 / 58	
						158						158	A PETERSON
4.	159	655	460	5	188 / 130	58	132	173	433	5	161 / 103	58	
5	149	~~409~~ 863	450	5	165 / 133	216 / 32	130	770	431	5	147 / 113	216 / 34	
	+ 776	917				248	672	656				250	
	− 672	656										248	
	+ 104	261										498	
BM117-1													BM 117-1
													AV "A" & 20TH ST W. KERN
													CO LN. SO. SIDE
													FB. 2870-7

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM117-1													FROM BM117-1 TO T.B.M #1
1	118 ~~120~~	447	419	5	149 89	58	148	339	449	5	177 119	58	BM117-1
													AV "A" 20TH ST W. KERN CO
2	133	233	434	5	164 102	62	163	668	464	5	194 132	62	LN. 50, SIDE
						120						120	FB. 2870-7
3	133	985	434	5	163 103	60	168	332 ~~290~~	469	5	199 137	62	
						180						182	T PETERSON
4	136	252 ~~308~~	437	5	164 108	56	157	828	458	5	184 130	54	
						234						236	
5	126	819	427	5	134 118	16	114	940	415	5	121 107	14	
	+ 648	736 ✓				✓ 252	-753	107 ✓				1 250	
							+ 648	736 ✓				✓ 252	
T.B.M #1							- 104	371 ✓				✓ 502	T.B.M #1
													50, side of AV "A" E
													IN P.P. # 1821214 E

T=78°

WEATHER Clear - CALM INST. NO 75234
TIME 9:15 - 9:40 ROD NO 213 9MB
NOTES ROBERT E. HEACOCK DATE OCT 3 '72

F.B. 4130 PG. 46 JOB NO. 0381-03
SURVEY OF L.A. Co. PRECISE Level net
SURVEY BY Shade NOTES Rodriguez 8-13-72
INDEXED L. M. PALMERI DATE

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Rodriguez Stradell DATE 7-SEPT-72 WEATHER Clear TIME 12:55 TO 2:10 INST. NO. 73239
NOTES BY R. E. HEACOCK NOTES CHKD. DATE OCT 3 72 ROD NO. 213948
INDEXED: L. M. PALMERI DATE SEP 20 72
T = 92°
F.B. 41130 PG. 47

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM117-1													FROM BM117-1 TO BM117-2B
1	172	581	473	5	194 / 150	44	21	230	322	5	2) 43 / 21	44	BM117-1 AV "A" @ 20TH ST W. @ KERN
2	278	736	579	5	291 / 265	26	37	552	338	5	50 / 24	26	CO. LN 50, SIDE
						70						70	FB 2870-7
3	278	232	579	5	290 / 266	24	44	807	345	5	56 / 32	24	
						94						94	T Peterson
4	266	640	567	5	281 / 251	30	83	736	384	5	98 / 68	30	
						124						124	
5	185	172	486	5	193 / 177	16	118	567	419	5	126 / 110	16	
						140						140	
6	186	768	487	5	203 / 169	34	182	309	483	5	199 / 165	34	
						174						174	
7	108	192	409	5	123 / 93	30	212	983	513	5	227 / 97	30	
						204						204	
8	33	092	334	5	47 / 19	28	282	448 ~~480~~	583	5	296 / 268	28	
						232						232	
9	13	693	314	5	2) 26 / 13	26	250	900	551	5	264 / 236	28	
						258						260	
10	35	564	336	5	53 / 17	36	194	043	495	5	212 / 176	36	
						294						296	
11	178	247	479	5	205 / 151	54	139	343	440	5	166 / 112	54	
						348						350	
12	156	172	457	5	164 / 148	16	167	541	468	5	176 / 158	18	
						364							
	+ 1893089 ✓						1735459 ✓				368 ~~268~~		
	− 1735459 ✓										364 ~~264~~		
BM117-2B	+ 157630 ✓										732 ~~532~~		BM117-2B AV "A" @ KERN CO LN 4 MI W. of 20TH ST W. FB. 3726-15

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

B.B. 4130 PG. 48 | JOB NO. 0301 02 | T=74°

SURVEY OF L.A. CO Precise Level net | WEATHER Clear-Calm | INST. NO. 75234

SURVEY BY Stalder NOTES Rodriguez 9-12-72 | TIME 10:45-11:50 | ROD NO. 2139 HB

INDEXED J. M. PALMERI DATE | NOTES CHKD. ROBERT E. HEACOCK | DATE 9-12

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM117-2B													FROM BM117-2B TO BM117-1
1	158	248	459	5	186 / 130	56	167	132	468	5	196 / 138	58	BM117-2B
2	153	003	454	5	178 / 128	50	17	829	318	5	2) 42 / 7	50	AV "A" & KERN CO. LN
						106						108	0.4 MI W. of ~~SHERM~~ ~~Hwy~~ 20TH ST W.
3	262	848	563	5	275 / 249	26	32	653	333	5	46 / 8	28	FB 3726-15
						132						136	
4	283	367	584	5	296 / 270	26	45	989	346	5	57 / 33	24	T PETERSON
						158						160	
5	223	290	524	5	237 / 209	28	95	112	396	5	109 / 81	28	
						186						188	
6	177	476	478	5	194 / 160	34	181	413	482	5	198 / 164	34	
						220						222	
7	84	192	385	5	99 / 69	30	220	139	521	5	235 / 205	30	
						250						252	
8	30	325	331 / 32	5	46 / 14	32	292	690	593	5	2) 292 / 278	28	
						282						280	
9	39	480	340	5	50 / 28	22	249	633	550	5	261 / 237	24	
						304						304	
10	15	991	316	5	2) 30 / 15	30	273	945	574	5	288 / 258	30	
						334						334	
11	124	633	427	5	139 / 111	28	136	242 ~~242~~	437	5	150 / 122	28	
	+ 1554	853 ✓				✓ 362	1712	777 ✓				✓ 362	
							+ 1554	853 ✓				✓ 362	
BM117-1							− 157	924				✓ 724	BM117-1
													AV "A" & 20TH ST W. & KERN CO. LN
													FB 2870-7

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 R. L. STRADE
NOTES BY PETERSON DATE 12 SEP 72 WEATHER CLEAR & CALM
TIME 13:00 - 13:35 INST. NO. 75234
ROD NO. 21 39 AE
INDEXED L. M. PALMER DATE SEP 20 72 NOTES ROBERT E. HEACOCK DATE OCT 3 72
F.B. 4130 PG. 49

T = 76°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 117-1									FROM BM 117-1 TO BM 117-2B
1	156	649	457 5	173 139 34	82	872	383 5	99 65 34	BM 117-1 AVE 'A' & 20TH ST. W, SO. SIDE FB. 2870-7
2	273	290	574 5	286 260 26	49	440	350 5	63 35 28	
				60				62	
3	298	020	599 5	(½) 298 284 28	22	269	323 5	36 8 28	
				88				90	
4	272	460	573 5	292 252 40	10	088	311 5	(½) 30 10 40	T RODRIGUEZ
				128				130	
5	227	346	528 5	253 201 52	222	750	523 5	248 196 52	
				180				182	
6	74	079	375 5	92 56 36	299	219	600 5	(½) 299 280 38	
				216				220	
7	21	632	322 5	34 8 26	299	730	600 5	(½) 299 286 26	RERUN
				242				246	
8	18	182	319 5	(½) 40 18 44	239	491	540 5	258 220 38	
				286				284	
9	182	272	483 5	209 155 54	128 ~~228~~	748	429 5	155 101 54	
				340				338	
10	154	770	455 5	163 145 18	166	580	467 5	176 156 20	
+	1678	700		358	1521	187		358	
−	1521	187						358	
+	157	513						716	
BM 117-2B									BM 117-2B AVE 'A' (KERN CO. LINE) 0.4 MI. W. OF 20TH ST. W, F.B. 3726-15

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

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

Do not extend notes this side of this line.

F.B. 4130 PG. 50 | JOB NO. 030102 | T= 70

SURVEY OF L.A. Co. PRECISE LEVELNET | WEATHER CLEAR/CALM | INST. NO. TS234

SURVEY BY RLS | NOTES PETERSON 13 SEP 72 | TIME 10:30 – 11:15 | ROD NO. 2139 AB

INDEXED T. M. PALMER | DATE | NOTES | CHKD. ROBERT E. HEACOCK | DATE OCT 3 72

STATION	BACKSIGHT Right	Mic.	Left.		Stadia	FORESIGHT Right	Mic.	Left.		Stadia	DESCRIPTION AND REMARKS
BM 117-2B											FROM BM 117-2B TO BM 117-1
1	160	431	461	5	193 / 127 / 66	179	752	480	5	211 / 147 / 64	BM 117-2B
2	206	481	507	5	232 / 180 / 52	11	092	312	5	(½) 37 / 11 / 52	AVE 'A' (KERN CO. LINE) 0.4 MI
					118					116	W OF 30TH ST. W.
3	293	581	594	5	(½) 293 / 297 / 32	11	711	312	5	(½) 28 / 11 / 34	F.B. 3726-15
					150					150	
4	292	820	593	5	(½) 292 / 272 / 40	65	651	366	5	85 / 45 / 40	
					190					190	T ROD RIGUEZ
5	218	840	519	5	243 / 193 / 50	225	802	526	5	250 / 200 / 50	
					240					240	
6	44	372	345	5	65 / 23 / 42	289	480	590	5	(½) 289 / 267 / 44	
					282					284	
7	24	620	325	5	36 / 12 / 24	281	382	582	5	293 / 269 / 24	
					306					308	
8	37	090	338	5	52 / 22 / 30	289	732	590	5	(½) 289 / 274 / 30	RERUN
					336					338	
9	86	551	387	5	96 / 76 / 20	168	522	469	5	177 / 159 / 18	
					356					356	
10	133	829	434	5	143 / 125 / 18	133	182	434	5	141 / 125 / 16	
+	1498	615	✓		✓372	1656	306	✓		372 ✓	
					+	1498	615	✓		372 ✓	
					–	157	691	✓		744 ✓	
BM 117-1											BM 117-1
											AVE 'A' (KERN CO. LINE) & 20TH ST. W., SOUTH SIDE
											F.B. 2870-7

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.

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
BM 117-2B									FROM BM 117-2B TO BM 117-3
1	160	870	461 5	188 132 56	127	272	428 5	153 101 52	BM 117-2B
		062 ~~700~~							AVE 'A' (KERN CO LINE) ABOUT
2	149		450 5	178 120 58	109	958	410 5	138 80 58	0.4 MI W OF 20TH ST. W.
				114				110	SOUTH SIDE
3	143	370	444 5	169 117 52	118	575	419 5	146 90 56	F.B. 3726-15
				166				166	
4	166	038	467 5	191 141 50	119	852	420 5	144 94 50	
				216				216	
5	138	043	439 5	157 124 28	141	145	442 5	156 126 30	T ANDERSON
+	757	383 ✓		244	616	802 ✓		✓ 246	
−	616	802						✓ 244	
+	140	581 ✓						✓ 490	
BM 117-3									BM 117-3
									AVE 'A' (KERN CO. LINE) ABOUT
									1.3 MI W. OF SIERRA HWY. N. SIDE
									F.B. 2870-10

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

SURVEY BY K.J. STRADEDE DATE 9-7-72 WEATHER PTLY CLOUDY & CALM INST. NO. 75234

NOTES BY PETERSON TIME 14:15 - 14:35 ROD NO. 2-3410

INDEXED J. M. PALMERI DATE SEP 20 72 NOTES ROBERT E. HEACOCK CHKD. DATE OCT 3 '72

F.B. 4130 PG. 51

75 90

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 52 JOB NO. 630102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RLS NOTES PETERSON 12 SEP 72

INDEXED J. M. PALMERI DATE

T=70°

WEATHER CLEAR & CALM INST. NO. 75234

TIME 10:20 – 10:45 ROD NO. 2139 AB

NOTES ROBERT E. HEACOCK DATE OCT 3 '72

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM117-3									FROM BM117-3 TO BM117-2B
1	141	378	442	5	152	239	453	5	BM117-3
				162/115 52				178/126 52	AVE 'A' ABOUT 1.3 MI W,
2	103	768	404	5	149	232	450	5	OF SIERRA HWY N, SIDE
				133/73 60				181/117 64	
				112				116	F.B. 287070
3	~~112~~ 111	682	412	5	150	223	451	5	
				140/82 58				177/123 54	
				170				170	
4	126	653	427	5	157	781	458	5	T ANDERSON
				186/96 60				189/125 64	
				230				234	
5	130	852	431	5	145	698	446	5	
				138/122 16				151/139 12	
+	614	333	✓	✓246	755	173	✓	✓246	
				+	614	333	✓	✓246	
				–	140	840	✓	✓492	
BM117-2B									BM117-2B
									AVE 'A' (KERN CO LINE) ABOUT
									0.4 MI W OF 20TH ST. W,
									SOUTH SIDE
									F.B. 3726-15

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON DATE 12 SEP 72 WEATHER CLEAR/CALM INST. NO. 75234
INDEXED L.M. PALMER DATE SEP 20 72 TIME 1340-1400 ROD NO. 21394A
NOTES ROBERT E. HEACOCK CHKD DATE OCT 3 72
F.B. 4130 PG. 53

T = 82°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 117-2B									FROM BM 117-2B TO BM 117-3
1	182	812	483 5	212 152 60	146	308	447 5	177 115 62	BM 117-2B
2	173	608	474 5	200 146 54 114	140	619	441 5	167 113 54 116	AVE 'A' (KERN CO LINE) ABOUT 0.4 MI W. OF 20TH ST. W, SOUTH SIDE
3	174	020	475 5	206 150 56 170	140	928	441 5	167 113 54 170	
4	182	051	483 5	210 154 56 226	143	109	444 5	170 116 54 224	T RODRIGUEZ
5	157	078	458 5	165 149 16	157	932	458 5	166 148 18	
+	869	569 ✓		✓242	728	896 ✓		✓242	RE RUN
−	728	896 ✓						✓242	
+	140	673						✓484	
BM 117-3									BM 117-3 AVE 'A' (KERN CO. LINE) ABOUT 1.3 MI W. OF SIERRA HWY NORTH SIDE F.B. 2870-10

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 117-3									FROM BM 117-3 TO BM 117-4
1	150	~~798~~ 803	451 5	177 123 54	119	507	420 5	146 92 54	BM 117-3
2	148	228	449 5	179 117 62	101	434	402 5	134 68 66	AVE 'A' (KERN CO. LINE) ABOUT
				116				120	1.3 mi W. OF SIERRA HWY NO. SIDE
3	155	670	456 5	183 127 56	126	191	427 5	151 101 50	F.B. 2870-10
				172				170	
4	150	192	451 5	173 127 46	121	818	422 5	145 97 48	T ANDERSON
+	604	893 ✓		218	468	950 ✓		218	
−	468	950 ✓						218	
+	135	943 ✓						436	
BM 117-4									BM 117-4
									AVE 'A' & 30TH ST. W. S.W. COR.
									F.B. 2870-11

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-90

SURVEY BY R.L. STRADER PTY

NOTES BY PETERSON DATE 9-7-72 WEATHER CLOUDY & CALM INST. NO. 75234

TIME 14:35-14:55 ROD NO. 2139 NO

INDEXED BY M. PALMER DATE 20 72 NOTES CHECKED E. HEACOCK DATE OCT 3 '72

F.B. 4130 PG. 55

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 117-4													FROM BM 117-4 TO BM 117-3
1	132	362	433	5	154 / 110	44	158	038	459	5	179 / 137	42	BM 117-4 AVE 'A' & 30TH ST W. S.W. COR FB. 2870-11
2	116	698	417	5	148 / 84	64	159	233	460	5	192 / 126	66	
						108						108	
3	107	392	408	5	137 / 77	60	144	362	445	5	174 / 114	60	
						168						168	
4	120	480	421	5	145 / 95	50	151	100	452	5	176 / 126	50	ANDERSON
	+ 476	932				218	612	733				218	
							+ 476	932				218	
							− 135	801				436	
BM 117-3													BM 117-3 AVE 'A' (KERN CO LINE) ABOUT 1.3 MI. W. OF SIERRA HWY, NORTH SIDE FB. 2870-10

T=68°

WEATHER CLEAR & CALM
TIME 10:05 - 10:20
NOTES BOBBIE HEACOCK

INST. NO. 75234
ROD NO. 2139AB
DATE OCT 3 '72

F.B. 4130 PG. 56
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RLS. NOTES PETERSON 12SEP72
INDEXED J. M. PALMERI DATE

JOB NO. 030102

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM117-4											FROM BM117-4 TO BM117-5A
1	164	630	465	5	197 131 66	124	324	425	5	157 91 66	BM117-4 AVE 'A' (KERN CO. LINE) & 30TH ST WEST S.W. COR. F.B. 2870-11
2	162	882	463	5	195 129 66 132	116	342	417	5	149 83 66 132	
3	164	862	465	5	194 134 60 192	121	342	422	5	151 91 60 192	
4	156	678	457	5	187 125 62 254	118	100	419	5	149 87 62 254	T ANDERSON
5	148	158	449	5	178 118 60 314	105	273	406	5	135 75 60 314	
6	160	279	461	5	190 130 60 374	120	~~690~~ 777	421	5	150 90 60 374	
7	145	435	446	5	162 128 34	139	902	440	5	156 122 34	
	+ ~~990 824~~				✓408	846	060	✓		✓408	
	+ ~~846 060~~									✓408	
	+ ~~144 764~~									✓816	
BM117-5A											BM117-5A AVE 'A' (KERN CO. LINE) ABOUT 0.5 MI W OF 30TH ST. W ON ℄ OF AVE 'A' F.B. 3726-23
	+ 1102	924 ✓									
	− 846	060 ✓									
	+ 256	864 ✓									

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

SURVEY BY R.L. STRADER DATE 9-8-72 WEATHER PARTLY CLOUDY TIME 9:00-04:30 INST. NO. 715231

NOTES BY R.L. PETERSON ROD NO. 213906

INDEXED J. M. PALMERI DATE SEP 20 72 NOTE ROBERT E. HEACOCK DATE OCT 3 72

F.B. 4130 PG. 57

T=74

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. 4130 PG. 58 JOB NO. 0301.02 T=66
SURVEY OF L.A. Co. PROGRESS LEVEL, NET
SURVEY BY RLS NOTES T.C. PETERSON 12 SEP 72
INDEXED T. M. PALMERI DATE
WEATHER CLEAR & CALM INST. NO. 75234
TIME 09:35-10:00 ROD NO. 219718
NOTES CHIEF ROBERT E. HEACOCK DATE OCT 3 '72

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM 117-5A											FROM BM 117-5A TO BM 117-4
1	125	172	426	5	160 90 70	156	302	456	5	190 120 70	BM 117-5A
2	113	068	414	5	143 83 60	152	875	453	5	182 122 60	AVE 'A' (KERN CO LINE) ABOUT 0.5 MI W. OF 30TH ST. W., ON ℄ OF AVE 'A'
					130					130	
3	112	072	413	5	143 81 62	152	183 ~~255~~	453	5	183 121 62	F.B. 3~~7~~86-23
					192					192	
4	115	338	416	5	146 84 62	152	030	453	5	184 120 64	
					254					256	
5	102	162	403	5	133 71 62	165	548	466	5	196 134 62	T. ANDERSON
					316					318	
6	124	160	425	5	155 93 62	147	203	448	5	178 116 62	
					378					380	
7	128	428	429	5	141 115 26	151	722	452	5	167 139 26	
	+ 820	400			404	− 1076	863			406	
						+ 820	400			404	
						− 256	463			810	
BM 117-4											BM 117-4 AVE 'A' & 30TH ST. W., S.W. COR. F.B. 2870-11

F.B. 4130 PG. 59

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

SURVEY BY _____ WEATHER _____ INST. NO. _____

NOTES BY _____ DATE _____ TIME _____ ROD NO. _____

INDEXED _____ DATE _____ NOTES CHKD ROBERT E. HEACOCK DATE OCT 3 72

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

IF ANY ADDITIONS OR CHANGES
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.

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 75234
ROD NO. 2139MB
DATE OCT 3 '72

WEATHER Clear
TIME 4:10 - 4:45
NOTES

F.B. 4130 PG. 60
JOB NO. 0301.02
SURVEY OF L.A.Co. Precise Level Net
SURVEY BY Rodriguez 9-12-72
NOTES
INDEXED L. M. PALMERI
DATE

T=84°

STATION	BACKSIGHT Right Mic.	Left	Stadia	FORESIGHT Right Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM117-5A							FROM BM117-5A TO BM117-4
1	128 113	429 5	153 103 50	151 890	452 5	175 127 48	BM117-5A
2	120 790	421 5	153 87 66	165 842 ~~956~~	466 5	198 132 66	AV "A" KERN CO LN
3	117 748 ~~745~~	418 5	148 86 62 116	155 641	456 5	185 125 60 114	0.5 mi W. of 30TH ST W.
4	119 737	420 5	148 90 58 174	141 628	442 5	169 113 56 174	FB. 3726-23
5	110 263	411 5	140 80 60 234	171 552	472 5	203 139 64 230	T Anderson
6	112 918	413 5	139 85 54 294	147 845	448 5	174 120 54 294	RERUN
7	121 873	422 5	140 102 38 350	138 652	439 5	157 119 38 348	
8	136 690	437 5	144 128 16 388	151 772	452 5	160 142 18 386	
	+ 968 132 ✓		✓ 404	1224822 ✓		✓ 404	
				+ 968 132 ✓		✓ 404	
BM117-4				− 256690 ✓		✓ 808	BM117-4
							AV "A" & 30TH ST W. SW COR.
							FB. 2870-11

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 117-5A													FROM B.M. 117-5A TO B.M. 117-6
1	190	175	491	5	220 160 198	60	116	869	417	5	146 86 170	60	B.M. 117-5A
2	169	997	470	5	140	58	141	151	442	5	112	58	AVE. A, ABOUT 0.5 MI.
					172	118					167	118	W. OF 30TH. ST. W.
3	142	835	443	5	112	60	137	593	438	5	107	60	F.B. 3726-23
					198	178					151	178	
4	171	950	472	5	144	54	123	776	424	5	95	56	
					209	232					170	234	
5	180	929	481	5	151	58	141	262	442	5	112	58	
					194	290					159	292	T = STRADER
6	165	970	466	5	136	58	130	402	431	5	101	58	
					182	348					188	350	
7	149	400	450	5	116	66	156	190	457	5	124	64	
						414						414	
+	1171	256					947	243				414	B.M. 117-6
B.M. 117-6	947	243										828	AVE. A & 40TH. ST. W.
+	224	013											F.B. 2870-13 S.W. COR.

JOB NO. 030102 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. L. STRADER
NOTES BY R. ANDERSON DATE 8-SEPT.-72 WEATHER CLOUDY & COOL INST. NO. 76234
INDEXED L. M. PALMERI DATE SEP 20 72 TIME 09:35-10:05 ROD NO. 2139 W.S.
NOTES ROBERT E. HEACOCK DATE OCT 3 '72

T = 78°

F.B. 4130 PG. 61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

T = 76°

WEATHER Clear & windy INST. NO. 75239

TIME 11:35 - 15:10 ROD NO. 2139A-B

NOTES ROBERT E. HEACOCK DATE OCT 3 '72

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 11-SEPT '73

INDEXED L. M. PALMERI DATE

F.B. 4130 PG. 62 JOB NO. 0301.02

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 117-6 TO B.M. 117-5A
B.M. 117-6					154						149		B.M. 117-6
1	127	328	428	5	100	54	122	541	423	5	95	54	AVE. A & 40TH. ST. W.
					176						197		F.B. 2870-13 S.W. COR.
2	145	390	446	5	114	62	166	790	467	5	135	62	
					150	116					190	116	
3	121	627	422	5	92	58	162	320	463	5	134	56	
					147	174					195	172	
4	118	380	419	5	89	58	166	055	467	5	137	58	π = STRADER
					176	232					188	230	
5	148	724	449	5	120	56	160	296	461	5	132	56	
					162	288					193	286	
6	132	836	433	5	102	60	163	565	464	5	133	60	
					148	348					226	346	
7	116	290	417	5	84	64	193	221	494	5	160	66	
+	910	575	✓			✓412	1134	788	✓			✓412	
							+ 910	575	✓			✓412	
B.M. 117-5A							− 224	213	✓			✓824	B.M. 117-5A
													AVE. A, ABOUT 0.5 MI.
													W. OF 30TH. ST. W.
													F.B. 3726-23 ℄

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 R.L. STRADER DATE 8-SEPT. 72 WEATHER CLOUDY & COOL

NOTES BY R. ANDERSON TIME 10:05 - 10:40 INST. NO. 75234

INDEXED T. M. PALMER DATE SEP 20 72 NOTES CHECKED ROBERT E. HEACOCK DATE OCT 3 72 ROD NO. 213984

F.B. 4130 PG. 63

T = 78°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS T.B.M. #2 FROM B.M. 117-6 TO ~~B.M. 117-7~~
B.M. 117-6					196						152		B.M. 117-6
1	177	068	478	5	158	38	134	862	435	5	116	36	AVE. A & 40TH. ST. W.
					214			230			171		F.B. 2870-13 S.W. COR.
2	186	609	487	5	158	56	143	~~276~~	444	5	115	56	
					188	94		618			149	92	
3	159	548	460	5	130	58	120	~~588~~	421	5	91	58	
					199	152					165	150	
4	171	020	472	5	143	56	138	886	439	5	111	54	
					190	208					154	209	T = STRADER
5	161	259	462	5	132	58	124	591	425	5	94	60	
					158	266					150	264	
6	142	674	443	5	126	32	134	518	435	5	118	32	
+	998	178	✓			✓298	-796	705	✓			✓296	
T.B.M. #2 -	796	705	✓									✓298	T.B.M. #2
+	201	473	✓									594	P.P. # NONE SOUTH SIDE
													N.E. COR. GALE WINDS KENNELS

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. 4130 PG. 64 | JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 11-SEPT.-72

INDEXED L. M. PALMERI DATE

WEATHER CLEAR & windy INST. NO. 752-34

TIME 14:15 - 14:35 ROD NO. 2137A-B

NOTES ROBERT E. HEACOCK DATE OCT 3 '72

T = 78°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM T.B.M. #2 TO B.M. 117-6
T.B.M. # 2					167						191		T.B.M. # 2
1	138	809	439	5	109	58	162	740	463	5	133	58	P.P. # NONE SOUTH SIDE
					158						192		
2	128	450	429	5	98	60	162	446	463	5	132	60	
					160	118					196	118	
3	121	079	422	5	92	58	167	855	468	5	138	58	
					156	176					194	176	
4	127	700	428	5	98	58	165	204	466	5	136	58	
					153	234					212	234	
5	124	221	425	5	95	58	183	454	484	5	154	58	T = STRADER
	+640	259 ✓			✓	292	-841	693 ✓			✓	292	
B.M. 117-6							+640	259 ✓			✓	292	B.M. 117-6
							-201	434 ✓			✓	584	AVE. A & 40TH. ST. W.
													F.B. 2870-13 S.W. COR.

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
T.B.M. #2	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM T.B.M. #2 TO B.M. 117-7
1	154	134	455	5	167 141	26	157	167	458	5	170 144	26	T.B.M. #2 P.[illegible]o #, So. SIDE
2	166	542	467	5	193 139	54 80	136	064	437	5	163 109	54 80	N.E. COR. GALE WINDS KENNELS
3	158	402	459	5	186 130	56 136	138	182	439	5	166 110	56 136	
4	163	510	464	5	190 136	54 190	116	028	417	5	143 89	54 190	
5	181	489	482	5	208 154	54 244	124	513	425	5	152 96	56 246	π T. PETERSON
6	173	606	474	5	191 155	36 280	129 ~~128~~	018	430	5	146 112	34 280	
+	997	683					800	972				280	
−	800	972										560	
+	196	711											

BM 117-7

BM 117-7
AVE. 'A' ABOUT 3.3 MILES
WEST OF SIERRA HWY.
SO. SIDE OF ROAD
F.B. 2870-14

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L.S. STRADER
NOTES BY R.L.S. DATE SEPT. 8 '72 WEATHER CLEAR-CALM INST. NO. 75234
INDEXED L. M. PALMER DATE SEP 20 '72 TIME 10:50-11:15 ROD NO. 2139 AE
NOTES CHKD ROBERT E. HEACOCK DATE OCT 3 '72

T = 82°

F.B. 4130 PG. 65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

INST. NO. 75236 ROD NO. 213948 DATE OCT 3 72

WEATHER windy TIME 13:38 To 14:03 CHKD ROBERT E. HEACOCK NOTES

T=78

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B17117-7													FROM B17117-7 TO T.B.M #2
1.	111	748	412	5	137 / 83	54	184	212	485	5	213 / 155	58	B17117-7
2	122 / 15	440	423	5	151 / 93	58	192	336	493	5	221 / 163	58	AV "A" 3.3 mi w. of Sierra Hwy, S.W. COR FB 2870-12
3.	132	282	433	5	169 / 182	114 / 56	166	937	467	5	195 / 137	116 / 58	
4	151	251	452	5	180 / 122	170 / 58	158	642	459	5	185 / 131	174 / 54	T Peterson
5	144	727	445	5	161 / 127	228 / 34	161 / 33	752	462	5	178 / 144	228 / 34	
6	138	027	439	5	147 / 129	262 / 18	133	638	434	5	141 / 125	262 / 16	
	+ 800	475 ✓				✓ 280	- 997	517 ✓				✓ 278	
T.B.M #2							+ 800	475 ✓				✓ 280	~~B.M #2~~ T.B.M #2
							- 197	042 ✓				✓ 558	P.P # NO NUMBER N.E. COR Galewinds Kennels

B. 4130 PG. 66 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Stader NOTES Rodriguez 9-11-72

INDEXED I. M. PALMERI DATE

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
TBM#2													From TBM#2 To BM117-7
1	151	103	452	5	170 132	38	148	938	449	5	167 129	38	TBM #2 N.E. COR GALEWinds
2.	160	654	461	5	188 132	56 94	152	389	453	5	181 123	58 96	KENNELS. SO. SIDE IN P.P. (No, NUMBER)
3	178	904	479	5	205 151	54 148	151	533	452	5	178 124	59 150	
4	192	707	493	5	219 165	54 202	125	922	426	5	153 97	56 206	T PETERSON
5	190	382	491	5	217 163	54 256	129	382	430	5	154 104	50 256	RERUN
	161	378	462	5	172 150	22 278	130	150	431	5	141 119	22 278	
+	1035	128					838	314				278	
−	838	314										556	
BM117-7 +	196	814											BM117-7 AV "A" 3.3 mi W. of SIERRA HWY SO. SIDE of Rd. FB. 2870-14

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

SURVEY BY: RODRIGUEZ STRADER DATE: 9-13-72 WEATHER: Clear TIME: 11:30-11:35 INST. NO. 75234

NOTES BY: ROD NO. 213945

INDEXED: T. M. PALMER DATE: SEP 20 72 NOTES CHKD: ROBERT E. HEACOCK DATE: OCT 3 72

T = 78°

F.B. 4130 PG. 67

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. 4130 PG. 68 | JOB NO. 03OL02
SURVEY OF L.A. CO. Precise Level Net
SURVEY BY STBader NOTES Rodriguez 9-13-72
INDEXED T. M. PALMERI DATE
WEATHER Clear
TIME 1:30 PM
NOTES CHKD
INST. NO 75234
ROD NO 213HB
DATE OCT 3 '72

T = 82°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM117-7													FROM BM117-7 TO T.B.M #2
1	115	527	416	5	143 87	56	186	292	487	5	213 157	58	BM117-7 AV "A" 3.3 mi W.
2	124	447	425	5	153 95	58	193	901	494	5	222 164	58	of Sierra Hwy 50,
3	131	520	432	5	159 103	114 56	164	152	465	5	191 137	116 54	side of Rd. FB. 2870-14
4	151	467	452	5	179 123	170 56	161	922	462	5	190 132	170 58	T Peterson.
5	138	289	439	5	156 120	226 36	152	778	453	5	170 134	228 36	RERUN
6	138	445	439	5	146 130	262 16	137	324	438	5	145 129	264 16	
	+	799	695			278	996	369				280	
							+ 799	695				278	
T.B.M #2							− 196	674				558	T.B.M #2 N.E. cor Gale Winds Kennels So. side in P.P. (No. Number)

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L.S. STRADER
NOTES BY R.L.S. DATE SEPT. 8, '72 WEATHER CLEAR-CALM INST. NO. 15234
INDEXED E. M. PALMER DATE SEP 20 '72 TIME 11:20-11:45 ROD NO. 2139 AB
NOTES ROBERT E. HEACOCK DATE OCT 3 '72

T=84°

F.B. 4130 Pg. 69

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 117-7	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 117-7 TO BM 117-8
1	143	498	444	5	170 116	54	128	913	429	5	155 101	54	B.M. 117-7
2	168	003	469	5	196 140	56	125	273	426	5	154 96	58	AVE 'A' ABOUT 3.3 MILES
3	186	215	487	5	213 159	110 54	119	312	420	5	147 91	112 56	WEST OF SIERRA HWY.
4	166	347	467	5	200 132	164 68	127	096 9	428	5	160 94	168 66	SO. SIDE OF ROAD
+	664	063	✓			✓232	500	594	✓			✓234	F.B. 2870-14
-	500	594	✓									✓232	
+	163	469	✓									✓466	
													π T. PETERSON
BM 117-8													BM 117-8 AVE. 'A' & 50TH ST. WEST ABOUT 3.6 MILES WEST OF SIERRA HWY., S.W. COR., F.B. 2870-15

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

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F.B. 4130 PG. 70 | JOB NO. 0301.02
SURVEY OF L.A. CO. Precise Level Net
SURVEY BY Straders NOTES Rodriguez 9-1-72
INDEXED L. M. PALMERI DATE
T=76°

WEATHER Windy INST. NO. 25234
TIME 13:10 To 13:35 ROD NO. 25248
NOTES ROBERT L. HAUCK CHKD DATE

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
B7117-8													From B7117-8 To B7117-7
1	136	428	437	5	165 / 107	58	166	755	467	5	194 / 138	56	B7117-8 AV "A" 250TH ST W. 3.6 mi
2.	113	484	414	5	143 / 83	60 / 118	190	118	491	5	220 / 160	60 / 116	W. of Sierra Hwy S.W. cor FB. 2870-15
3	128	296	429	5	157 / 99	58 / 176	171	432	472	5	200 / 142	58 / 174	K Peterson
4	136	616	437	5	164 / 108	56	150	055	451	5	180 / 120	60	
	+ 514	824	✓		✓	232	− 678	360	✓		✓	234	
							+ 514	824	✓		✓	232	
B7117-7							− 163	536	✓		✓	466	B7117-7 AV "A" 3.3 mi W. of Sierra Hwy. S.W. cor FB 2870-14

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L.S. STRADER DATE SEPT. 8, '72 WEATHER CLEAR-CALM INST. NO. 75234
NOTES BY R.L.S. TIME 13:25-14:00 ROD NO. 2139 AB
INDEXED E. M. PALMER DATE SEP 20 72 NOTES CHKD ROBERT E. HEACOCK DATE OCT 3 '72

T = 88°

F.B. 4130 PG. 71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 117-8											FROM BM 117-8 TO BM 117-9
1	165	618	466	5	191 139 52	126	901	427	5	151 101 50	BM 117-8 AVE. 'A' & 50TH ST. WEST ABOUT 3.6 MILES WEST OF SIERRA HWY., S.W. COR., F.B. 2870-15
2	163	588	464	5	190 136 54	144	288	445	5	171 117 54	
					106					104	
3	176	128 ~~198~~	477	5	203 149 54	129	472	430	5	158 100 58	
					160					162	
4	149	377	450	5	176 122 54	119	430	420	5	146 92 54	
					214					216	
5	169	621	470	5	196 142 54	131	644	432	5	158 104 54	T. PETERSON
					~~268~~ ~~298~~					270	
6	168	797	469	5	195 141 54	142	297	443	5	168 116 52	
					322					322	
7	172	836	473	5	199 145 54	123	730	424	5	150 96 54	
					376					376	
8	170	467	471	5	186 154 32	138	240	439	5	154 122 32	
+	1336	432	✓		✓ 408	1056	002	✓		✓ 408	
−	1056	002	✓							✓ 408	
+	280	430	✓							✓ 816	
BM 117-9											BM 117-9 AVE. 'A' ABOUT 4.1 MILES WEST OF SIERRA HWY., SO. SIDE OF ROAD F.B. 2870-16

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.

F.B. 4130 PG. 72 — JOB NO. R301.02 — SURVEY OF L.A. Co. PRECISE LEVEL NET — SURVEY BY Stroder — NOTES Rodriguez 9-11-72 — INDEXED I. M. PALMERI — DATE

T=72°

WEATHER windy — INST. NO. 25231 — TIME 11:28 TO 12:10 — ROD NO. 2148 — NOTES ROBERT HEACOCK — DATE

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
BM117-9									From 117-9 To BM117-8
1	136	237	437 5	145 127 18	152	470	453 5	161 143 18	BM117-9
2	122	122	423 5	152 92 60	182	288	483 5	212 152 60	AV "A" 4.1+4 mi w. of Sierra Hwy., S. side road,
3	140	018	441 5	169 111 58	174	118	475 5	202 146 56	FB. 2870-16 T Peterson
4	131	758	432 5	160 102 58	176	756	477 5	205 147 58	
5	129	683	430 5	158 100 58	152	293	453 5	181 123 58	
6	132	098	433 5	161 103 58	166	858	467 5	195 137 58	
7	128	350	429 5	157 99 58	172	493	473 5	202 142 60	
8	139	603	440 5	157 121 36	163	187	464 5	182 144 38	
	+ 1059	869		404	− 1340.463			406	
					+ 1059.869			404	
					− 280 594			810	
BM117-8									BM 117-8
									AV "A" & 50th St W.
									3.6 mi. w. of Sierra
									Hwy S.W. cor
									FB. 2870-15

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
Bm 117-9											FROM Bm 117-9 TO Bm 117-10A
1	161	812	462	5	188 134 54	102	157	403	5	128 76 52	Bm 117-9
2	150	043	451	5	176 124 52 106	128	940 ~~872~~	429	5	154 102 52 104	AVE 'A' 4.1 MI W. OF SIERRA HWY SOUTH SIDE
3	155	630	456	5	182 128 54 160	132	670	433	5	159 105 54 158	F.B 2870-16
4	154	950	455	5	182 126 56 216	120	328	421	5	149 91 58 216	T ANDERSON
5	159	181	460	5	187 131 56 272	120	212	421	5	147 93 54 270	
6	140	032 ~~001~~	441	5	166 114 52 324	120	252	421	5	146 94 52 322	
7	142	637	443	5	169 115 54 378	117	438	418	5	143 91 52 374	
8	139	584	440	5	150 128 22 1400	100	197	415	5	113 87 26 1400	
+	1203	869	✓			941	594	✓			
−	941	594	✓								
+	262	275	✓								
Bm 117-10A											BM 117-10A AVE 'A' (KERN CO LINE) & 60TH ST. W. S.E. COR F.B. 2870-18

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY R.L. PETERSON DATE 9-8-72
INDEXED L.M. PALMER DATE 20 72
WEATHER CLOUDY & CALM TIME 11:05-14:40
NOTES PARTY ROBERT E. HEACOCK DATE 3-72
INST. NO. 75234
ROD NO. 139 AB
F.B. 4130 PG. 73

7=88

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4130 PG. 74 JOB NO. 0301.02
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY R.L.S. NOTES PETERSON 11 SEP 72
INDEXED T. M. PALMERI DATE
WEATHER CLEAR & BRIGHT INST. NO. 75234
TIME 10:55-11:25 ROD NO. 2139 AB
NOTES ROBERT E. HEACOCK DATE OCT 3 72
T=70

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM 117-10A											FROM BM 117-10A TO BM 117-9
1	88	912	389	5	115 61 54	151	361	452	5	177 125 52	BM 117-10A AVE 'A' & 60TH ST. W. S.E. CORNER FB. 2870-18
2	127	293	428	5	159 95 64 118	145	350	446	5	177 113 64 116	
3	101	804	402	5	134 68 66 184	154	400	455	5	186 122 64 180	
4	116	902	417	5	145 87 58 242	144	910 ~~865~~	445	5	175 113 62 242	T ANDERSON
5	126	408	427	5	155 97 58 300	152	952	463	5	182 122 60 302	
6	110	257	411	5	140 80 60 360	151	548	452	5	181 121 60 362	
7	100	849	401	5	118 82 36	134	444	435	5	150 118 32	
	+	772 425			396	1034	965			394	
						+	772 425			396	
						−	262 540			790	
BM 117-9											BM 117-9 AVE 'A' ABOUT 4.1 MI WEST OF SIERRA HWY. SOUTH SIDE FB. 2870-16

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
Bm117-10A									FROM Bm117-10A TO Bm117-10
1	111	916	4125	120 / 102 18	128	567	4295	137 / 119 18	Bm 117-10A AVE 'A' (KERN Co. LINE) & 60TH ST W. S.E. COR F.B. 2870-18
	+111	916			-128	567		18 / 136	
					+111	916			
					- 16	651			
									T ANDERSON
Bm117-10									Bm117-10 AVE 'A' & 60TH ST. W, S.W. COR (U.S.G.S. LINT CORNERS 1929) 2870-17

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

SURVEY BY PETERSON & STRADDER DATE 9-8-72 WEATHER CLOUDY & COLD TIME 14:45 INST. No. 75234 ROD No. 2139AB

NOTES BY T-90 PARTLY CLOUDY

INDEXED BY J. M. PALMER DATE SEP 20 72 NOTES CHKD ROBERT E. HEACOCK DATE OCT 3 72

F.B. 4130 PG. 75

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

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

Do not extend notes this side of this line.

WEATHER CLEAR & WARM INST. NO. 75234
TIME 1050 ROD NO. 2138 AB
NOTES RICHARD E. HEACOCK DATE 5-12

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM Bm 117-10 TO Bm 117-10A
Bm 117-10									
1	132	728	433 5	142 122 20	116	040	417 5	126 106 20	Bm 117-10
								20	AVE 'A' & 60TH ST. W
	+ 132 728			-				40	S. W. CORNER (U.S.G.S.
	- 116 040								LINT CORNERS 1929)
	+ 16688 ✓								F.B. 2870-17
									T ANDERSON
Bm 117-10A									Bm 117-10A
									AVE 'A' & 60TH ST. W.
									S. E. CORNER
									F.B. 2870-18

7=70

F.B. 4130 PG. 76 JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L.S. NOTES PETERSON 11 SEP 72
INDEXED J. M. PALMERI DATE

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

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

SURVEY BY R. L. STRADER DATE 11-[illegible] SEPT. 172 WEATHER CLEAR & WINDY INST. NO. 75234

NOTES BY R. L. STRADER TIME 09:15 - 09:55 ROD NO. 2139 A-B

INDEXED [illegible] M. PALMER DATE [illegible] 20 72 NOTES CHKD. ROBERT E. HEACOCK DATE OCT 3 72

F.B. 4130 PG. 77

T = 68°

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													From B.M. 117-10 To B.M. 117-11
B.M. 117-10					188						168		B.M. 117-10
1	154	649	455	5	127	54	141	392	442	5	114	54	AVE. A & 60TH. ST. W
					215						148		F.B. 2870-17 S.W. COR.
2	187	432	488	5	159	56	121	939	422	5	94	54	
					195	110					174	108	
3	167	040	468	5	139	56	146	741	447	5	118	56	T = RODRIGUEZ
					193	166					163	164	
4	165	182	466	5	137	56	135	769	436	5	107	56	
					192	222					178	220	
5	164	200	465	5	136	56	149	810	450	5	120	58	
					215	278					172	278	
6	186	569	487	5	157	58	143	021	444	5	114	58	
					188	336					164	336	
7	160	099	461	5	132	56	136	251	437	5	108	56	
					176	392					183	392	
8	168	940	469	5	160	16	125	838	426	5	117	16	
						408						408	
+	1354	111					-1100	761				408	
B.M. 117-11 -	1100	761										816	B.M. 117-11
+	253	350											AVE. A & 65TH. ST. W.
													F.B. 2870-19 S.W. COR.

NOTE

FOR SECTION BM 117-11 TO BM 117-12
REFER TO F.B. 2869-99

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													From B.M. 117-11 To B.M. 117-10
B.M. 117-11					189						182		B.M. 117-11
1	131	280	432	5	123	16	174	612	475	5	166	16	AVE. A & 65TH. ST. W.
					165						189		F.B. 2870-19 S.W. COR.
2	137	472	438	5	109	56	161	528	462	5	133	56	
					172	72					215	72	
3	143	910	444	5	114	58	187	689	488	5	159	56	
					177	130					192	128	
4	149	489	460	5	121	56	164	742	465	5	136	56	
					166	186					200	184	
5	138	678	439	5	110	56	171	366	472	5	142	58	T = RODRIGUEZ
					180	242					196	242	
6	150	028	451	5	120	60	166	271	467	5	136	60	
					143	302					206	302	
7	118	432	419	5	93	50	180	549	481	5	154	52	
					171	352					186	354	
8	142	250	443	5	113	58	158	118	459	5	130	56	
	+ 1111	539				✓410	-1364	875				✓410	
B.M. 117-10							+ 1111	539				✓410	B.M. 117-10
							- 253	336				✓820	AVE. A & 60TH. ST. W.
													F.B. 2870-17 S.W. COR.

T = 70°

WEATHER CLEAR & WINDY INST. NO. 75234

TIME 10:00 - 10:35 ROD NO. 239A-9

NOTES CHIEF ROBERT HEACOCK DATE OCT 3 '72

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

SURVEY BY STRADER NOTES ANDERSON DATE: 11-SEPT. '72

INDEXED L. M. PALMERI DATE

B. 4130 PG. 78

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

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

SURVEY BY R. L. STRADER

NOTES BY R. ANDERSON DATE 13-SEPT 72 WEATHER CLEAR & CALM INST. NO. 752-34

TIME 13:45-14:25 ROD NO. 2137 A-C

INDEXED T. M. PALMER DATE SEP 20 72 NOTES CHKD E. HEACOCK DATE OCT 3 72

F.B. 4130 PG. 79

T = 78°

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													From B.M. 117-12 To B.M. 117-13
B.M. 117-12					111						156		B.M. 117-12
1	92	660	393	5	75	36	134	813	435	5	112	44	AVE. A & 70TH. ST. W.
					190			498			160		F.B. 2870-20 S.W.COR.
2	165	548	466	5	140	50	138	~~461~~	439	5	116	44	
					196	88					162	88	
3	170	816	471	5	144	52	136	891	437	5	110	52	
					192	140					152	140	
4	165	318	466	5	138	54	126	872	427	5	100	52	
					202	194					158	192	T = RODRIGUEZ
5	175	151	476	5	148	54	130	012	431	5	102	56	
					178	248					168	248	
6	150	880	451	5	122	56	140	230	441	5	112	56	
					199	304					156	304	
7	172	119	473	5	145	54	132	478	433	5	108	48	
					201	358					138	352	
8	174	432	475	5	147	54	107	969	408	5	76	62	
	+ 1266	874 ✓			✓	412	- 1047	763 ✓			✓	414	
B.M. 117-13	- 1047	763 ✓									✓	472	B.M. 117-13
	+ 219	111 ✓									✓	826	AVE. A & 75TH. ST. W.
													F.B. 2870-21 S.W.COR.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 80 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES HENDERSON DATE 15-SEPT-72 TIME 13:50-14:25 WEATHER CLEAR & CALM INST. NO. 78237 ROD NO. 2139 F.B.

INDEXED L. M. PALMERI DATE NOTES ROBERT E. HEACOCK DATE OCT 3 72

T = 92°

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
											From B.M. 117-13 To B.M. 117-12
B.M. 117-13					125		679			174	B.M. 117-13
1	103	953	404	5	81 44	152	~~760~~	453	5	130 44	AVE. A & 75TH ST. W.
					151	173				196	F.B. 2870-21 S.W. Cor.
2	128	741	429	5	105 46	~~174~~	970	474	5	150 46	
					163 90					192 90	
3	137	620	438	5	111 52	165	322	466	5	138 54	
					180 142					194 144	
4	156	540	457	5	132 48	170	080	471	5	146 48	
					152 190					199 192	T = RODRIGUEZ
5	128	783	429	5	104 48	175	172	476	5	151 48	
					168 238					196 240	
6	145	101	446	5	122 46	172	122	473	5	148 48	
					166 284					193 288	
7	142	671	443	5	118 48	171	030	472	5	149 44	
					163 332					189 332	
8	138	802	439	5	113 50	165	160	466	5	141 48	
					155 382					139 380	
9	145	588	446	5	135 20	129	020	430	5	119 20	
					142 402					114 400	
B.M. 117-12	132	420	433	5	122 20	104	862	405	5	94 20	B.M. 117-12
	+ 1360	219	✓		✓422	1579	417	✓		✓420	AVE. A & 70TH ST. W.
						+ 1360	219	✓		✓422	F.B. S.W. Cor.
						− 219	198	✓		✓842	

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON DATE 13 SEP 72 TIME 14:30-15:05 WEATHER CLEAR & CALM INST. NO. 25234
INDEXED T. M. PALMER DATE SEP 20 72 NOTES ROBERT E. HEACOCK DATE ROD NO. 21394 OCT 3 72

F.B. 4130 PG. 81

TE 86

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 117-13											FROM BM 117-13 TO BM 117-14
1	131	800	432	5	157 105 52	129	972	430	5	155 103 52	BM 117-13 AVE 'A' & 75TH ST. W. S.W. CORNER F.B. 2870-21
2	155	740	456	5	183 127 56 108	160	782	461	5	190 130 60 112	
3	200	601	501	5	228 172 56 164	128	140	429	5	155 101 54 166	
4	177	380	478	5	206 148 58 222	130	641	431	5	158 102 56 222	T RODRIGUEZ
5	165	552	466	5	194 136 58 280	133	531	434	5	162 104 58 280	
6	172	211	473	5	201 143 58 338	142	601	443	5	171 113 58 338	
7	155	299	456	5	170 140 30 368	145	052	446	5	168 130 30 368	
8	158	201	459	5	167 149 18 386	134	002	435	5	142 126 16 384	
	+ 1316	784	✓			1104	721				
	− 1104	721	✓								
	+ 212	063	✓								
BM 117-14											BM 117-14 AVE 'A' & 80TH ST W., S.E. COR. F.B. 2870-22

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 82 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE 15-SEPT.72

INDEXED T. M. PALMERI DATE

WEATHER CLEAR & CALM INST. NO. 75234

TIME 13:25 - 13:150 ROD NO. 2-138 & 12

NOTES CHIEF ROBERT E. HEACOCK DATE OCT 5

T = 92°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
B.M. 117-14													FROM B.M. 117-14 TO B.M. 117-13
1	119	328	420	5	150 88	62	154	178	455	5	184 124	60	B.M. 117-14 AVE. A & 80TH. ST. W. F.B. 2870-22 S.E. COR.
2	137	678	438	5	167 107	60	175	119	476	5	204 146	58	
3	133	908	434	5	158 108	122 50	162	572	463	5	189 135	118 54	
4	134	432	435	5	158 110	172 48	166	939	467	5	190 142	172 48	
5	123	671	424	5	149 97	220 52	180	520	481	5	206 154	220 52	T = RODRIGUEZ
6	148	420	449	5	173 123	272 50	162	732	463	5	187 137	272 50	
7	~~134~~ ~~133~~ 131	090	432	5	158 104	322 54	166	498	467	5	193 139	322 54	
8	167	899	468	5	176 158	376 18	140	292	441	5	149 131	376 18	
	+ 1096426					394	1308350 + 1096426 − 211924					394 394 788	
B.M. 117-13													B.M. 117-13 AVE. A & 75TH. ST. W. F.B. 2870-21 S.W. COR.

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES 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
BM117-14													FROM BM117-14 TO BM117-15A
1	142	505 ~~628~~	443	5	166 118	48	130	180	431	5	155 105	50	BM117-14 AV "A" & 86TH ST W. @ KERN
2	171	798	472	5	199 143	56	137	829	438	5	165 109	56	CO. LN, SO OF E.
3	159	778 ~~842~~	460	5	187 131	104 56	144	447	445	5	171 117	106 54	FB. 2870-22
4	165	637	466	5	193 137	160 56	126	352	427	5	155 97	160 58	K PETERSON
5	173	330	474	5	201 145	216 56	135	372	436	5	163 107	218 56	
	167	580	468	5	194 140	272 54	130	413	431	5	158 102	274 56	
7	173	496	474	5	201 145	326 56	135	232	436	5	162 108	330 54	
8	162	440	463	5	180 144	382 36	185	039	486	5	203 167	384 36	
	+ 1316	564				418	1124	864				420 418	
	− 1124	864										838	BM117-15A AV "A" & 85TH ST W. @ E INT. FB. 3726-47
BM117-5A	+ 191	700											

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

SURVEY BY J. RODRIGUEZ DATE 9-14-72 WEATHER Cloudy TIME 10:00-10:30 INST. NO. 25234

NOTES BY J. TRAGER ROD NO. 21394A

INDEXED BY L. M. PALMER DATE OCT 20 72 NOTES ROBERT E. HEACOCK DATE OCT 3 72

T = 76°

F.B. 4130 PG. 83

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

T=84"

WEATHER Clear-Calm INST. NO. 75236

TIME 11:40 - 12:15 ROD NO. 2135 ~~#3~~

NOTES ROBERT E. HEACOCK DATE OCT 3 '72

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
B7117-15A													FROM B7117-15A TO B7117-14
1	179	433	480	5	204 154	50	165	632	466	5	191 139	52	B7117-15A
2	134	886	435	5	161 107	54	175	038	476	5	202 148	54	AV "A" & 80th ST W. KERN
						104						106	CO LN & INT.
3.	132	213	433	5	158 106	52	167	194	468	5	193 141	52	FB 3726-47
						156						158	
4	134	282	435	5	160 108	52	170	~~806~~ 848	471	5	195 145	50	T PETERSON
						208						208	
5	133	332	434	5	159 107	52	166	032	467	5	192 140	52	
						260						260	
6	143	986	444	5	169 117	52	158	658	459	5	183 133	50	
						312						310	
7	146	362	447	5	172 120	52	176	644	477	5	202 150	52	
						364						362	
8	140	812	441	5	166 114	52	176	232	477	5	202 150	52	
						416						414	
9	186	555	487	5	191 181	10	167	422	468	5	172 162	10	
	+ 1331	861				426	- 1523	700				424	
						+	1331	861				426	
B7117-14						-	191	839				850	B7117-14
													AV "A" & 80th ST W. &
													KERN CO. LN. SO, E
													FB. 2870-22

F.B. 4130 PG. 84 JOB NO. 0301 02

SURVEY OF LA. Co. Precise Level Net

SURVEY BY STRADER NOTES RODRIGUEZ 9-15-72

INDEXED T. M. PALMERI DATE

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM117-15A													FROM BM117-15A TO BM117-16
1	193	024	494	5	214 / 172	42	124	513	425	5	145 / 103	42	BM117-15A
2	171	840	472	5	198 / 144	54	130	778	431	5	157 / 103	54	AV "A" & 80TH ST W. @ KERN CO LN. IN E. INT.
3	187	884	488	5	214 / 160	54 / 96	133	468 / ~~433~~	434	5	160 / 106	54 / 96	FB 3726-47
4	170	818	471	5	196 / 144	52 / 150	134	492	435	5	160 / 108	52 / 150	A PETERSON
5	171	496	472	5	198 / 144	54 / 202	133	703	434	5	159 / 107	52 / 202	
	173	498	474	5	200 / 146	54 / 256	142	088	443	5	169 / 115	54 / 254	
7	169	080	470	5	195 / 143	52 / 310	132	380	433	5	158 / 106	52 / 308	
8	165	638	466	5	185 / 145	40 / 362	91	332	392	5	112 / 70	42 / 360	
	+ 1403	278				402	1022	754				402	
	− 1022	754										402	
BM117-16	+ 380	524										804	BM 117-16

AV "A" & 90TH ST W. @ KERN CO LN 7.7 MI WEST of SIERRA HWY S.E. COR
FB 2870-24

T = 80°

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. TRADER DATE 9-14-72 WEATHER Calm & clear INST. NO. 75234
NOTES BY ROD RIGUER TIME 10:35-11:25 ROD NO. 213948
INDEXED L. M. PALMER DATE OCT 20 72 NOTES ROBERT E. HEACOCK DATE OCT 3 72

F.B. 4130 PG. 85

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

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

Do not extend notes this side of this line.

F.B. 4130 PG. 86 | JOB NO. 0301-02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Stadia NOTES Rodriguez DATE 9-15-72
INDEXED L. M. PALMER
WEATHER Calm/Clear INST. NO. 75233 4
TIME 10:55-1135 ROD NO. 2439 MA
NOTES ROBERT E. HEACOCK DATE OCT 3 '72
T=80°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM117-16													FROM BM117-16 TO BM117-15A
1	98	130	399	5	115 / 81	34	169	311	470	5	186 / 152	34	BM117-16
													AV "A" & 90TH ST W. 7.7 MI
2	135	243	436	5	163 / 107	56	169	117	470	5	197 / 141	56	W. of SIERRA HWY
						90						90	FB. 2870-24
3	141	778	442	5	168 / 114	54	172	654	473	5	199 / 145	54	
						144						144	T PETERSON
4	126	590	427	5	153 / 99	54	167	438	468	5	194 / 140	54	
						198						198	
5	128	272	429	5	155 / 101	54	165	785	466	5	192 / 138	54	
						252						252	
6	132	698	433	5	159 / 105	54	179	852	480	5	205 / 153	52	
						306						304	
7	126	992	427	5	152 / 100	52	173	985	474	5	199 / 147	52	
						358						356	
8	132	686	433	5	155 / 109	46	204	925	505	5	229 / 179	50	
	+	1022	389	✓		✓ 404	+	1403	067	✓		✓ 406	
								1022	389	✓		✓ 404	
							−	380	678	✓		B10	
BM117-15A													BM117-15A
													AV "A" & 80TH ST W. KERN
													CO. & INT
													FB. 3726-47

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON DATE 14 SEP 72 WEATHER CLEAR/CALM
INDEXED W. M. PALMERI DATE SEP 20 72 TIME 11:30-12:00 INST. NO. 0S234
NOTES ROBERT E. HEACOCK DATE OCT 3 72 ROD NO. 2/3 FA

F.B. 4130 PG. 87

T=84°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 117-16											FROM BM 117-16 TO BM 117-17
1	110	193	411	5	124 96 28	127	352	428	5	140 114 26	BM 117-16
2	158	093	459	5	187 139 48	118	382	419	5	142 94 48	AVE 'A' & 90TH ST. W. S.E.COR
					76					74	F.B. 2870-24
3	158	192	459	5	184 132 52	113	662	414	5	139 87 52	
					128					126	π ANDERSON
4	172	993	473	5	198 146 52	108	940	409	5	135 81 54	
					180					180	
5	164	115	465	5	190 138 52	118	680 ~~623~~	419	5	144 92 52	
					232					232	
6	160	435	461	5	186 134 52	124	213	425	5	150 98 52	
					284					284	
7	158	202	459	5	184 132 52	118	301	419	5	143 93 50	
					336					334	
8	165	760	466	5	191 139 52	106	350	407	5	133 79 54	
					388					388	
9	138	143 ~~785~~	439	5	146 130 16	101	042	402	5	109 93 16	
+	1386	126	✓		✓404	1036	922	✓		✓404	
−	1036	922	✓							404	
BM 117-17	349	204	✓							✓808	BM 117-17
											AVE 'A' (KERN COLINE) ABOUT
											0.5 MI W. OF 90TH ST. WEST
											SOUTH SIDE
											F.B. 2870-25

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4130 PG. 88 JOB NO. 0301.02

SURVEY OF LA. CO. PRECISE LEVEL NET

SURVEY BY K.L.S. NOTES PETERSON 15 SEP 72

INDEXED L. M. PALMERI DATE

WEATHER CLEAR & CALM INST. NO. 7523

TIME 10:10 – 10:50 ROD NO. 2139 AA

NOTES ROBERT E. HEACOCK DATE 3 72

T=76°

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM 117-17											FROM BM 117-17 TO BM 117-16
1	78	~~398~~ 278	379	5	(4) 108 78 60	170	861	471	5	199 141 58	BM 117-17 AVE 'A' (KERN CO. LINE) ABOUT
2	119	308	420	5	149 89 60 120	162	514	463	5	192 132 60 118	0.5 MI WEST OF 90TH ST. W. SOUTH SIDE
3	118	515	419	5	148 88 60 180	162	682	463	5	192 132 60 128	F.B. 2870-25
4	113	395	414	5	143 83 60 240	168	180	469	5	199 137 62 240	T ANDERSON
5	99	882	400	5	126 72 54 294	167	038	468	5	195 139 56 296	
6	117	215	418	5	144 90 54 348	163	254	464	5	190 136 54 350	
7	130	138	431	5	148 112 36 384	157	~~792~~ 773	458	5	175 139 36 386	
8	173	185	474	5	182 164 18 402	147	100	448	5	156 138 18 404	
	+ 949	856				− 1299	402				
						+ 949	856			402	
						− 349	546			806	
BM 117-16											BM 117-16 AVE 'A' (KERN CO. LINE) & 90TH ST. W., S.E. COR F.B. 2870-24

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 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 R. L. STRADER

WEATHER CLEAR & BREEZY

NOTES BY PETERSON DATE 18 SEP 72 TIME 10:30-10:55 INST. NO. 75234

INDEXED J. M. PALMER DATE OCT 20 '72 NOTES ROBERT E. HEACOCK ROD NO. 21398 DATE OCT 3 '72

T = 80°

F.B. 4130 PG. 89

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 117-16											FROM BM 117-16 TO BM 117-17
1	129	549	430	5	149 109 40	140	299	441	5	161 119 42	BM 117-16
2	175	510	476	5	203 147 56	121	670	422	5	149 93 56	AVE 'A' (KERN CO. LINE) &
					96					98	90TH ST. W., S.E. COR.
3	173	453	474	5	204 142 62	105	597	406	5	136 74 62	F.B. 2870-24
					158					160	
4	180	341	481	5	211 149 62	118	882	419	5	148 88 60	
					220					220	
5	165	495	466	5	186 124 62	127	775	428	5	158 96 62	
					282					282	
6	176	608	477	5	206 146 60	123	170	424	5	153 93 60	
					342					342	
7	175	667	476	5	204 146 58	89	832	390	5	118 60 58	
	+ 1176	623 ✓			400	- 827	225 ✓			✓ 400	
	- 827	225 ✓								✓ 400	
	+ 349	398 ✓								✓ 800	
BM 117-17											

T STRADER

RE RUN

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON
INDEXED M. PALMERI
DATE 14 SEP 72
DATE SEP 20 72
WEATHER CLEAR & CALM
TIME 13:15-13:50
NOTES R.G. BERRI E. HEACOCK
INST. NO. 78234
ROD NO. 2139 A
DATE OCT 3 72
F.B. 4130 PG. 91
T=88

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM 117-17									FROM BM 117-17 TO BM 117-18
1	134	161	435 5	159 109 50	111	922	412 5	136 86 50	BM 117-17
2	~~150~~ 149	928	450 5	174 124 50	103	317	404 5	128 78 50	AVE 'A' (KERN CO LINE) ABOUT
				100				100	0.5 MI W. OF 90TH ST. W.
3	162	282	463 5	187 137 50	108	920	409 5	133 83 50	SOUTH SIDE
				150				150	F.B. 2870-25
4	156	960	457 5	182 130 52	104	848	405 5	130 78 52	
				202				202	T ANDERSON
5	165	~~728~~ 682	466 5	190 140 50	107	485	408 5	132 82 50	
				252				252	
6	163	832	464 5	189 137 52	114	313	415 5	140 88 52	
				304				304	
7	166	058	467 5	191 141 50	105	787	406 5	130 80 50	
				354				354	
8	170	308	471 5	195 145 50	98	323	399 5	125 71 54	
				404				408	
9	142	258	443 5	151 133 18	88	418	389 5	95 81 14	
+	1411	469 ✓		422	943	333 ✓		422	
−	943	333 ✓						422	
+	468	136 ✓						844	
BM 117-18									BM 117-18
									AVE 'A' (KERN CO LINE) & 100TH
									ST. W., S.E. COR.
									F.B. 2870-26

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4130 PG. 92 JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L.S. NOTES PETERSON 15 SEP 72
INDEXED T. M. PALMER DATE
WEATHER CLEAR & CALM INST. NO. 75234
TIME 09:30-10:10 ROD NO. 2139A0
NOTES ROBERT E. HEACOCK DATE 7-72
T = 72°

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM 117-18											FROM BM 117-18 TO BM 117-17
1	88	132	389	5	119 57 62	198	612	499	5	229 167 62	BM 117-18
2	98	071	399	5	128 68 60 122	176	598	477	5	206 146 60 122	AVE 'A' (KERN CO. LINE) & 100TH ST. W., S.E. COR
3	115	118	416	5	144 86 58 180	174	632	475	5	203 145 58 180	F.B. 2870-26
4	97	810	398	5	127 67 60 240	159	370	460	5	189 129 60 240	T ANDERSON
5	107	295	408	5	137 77 60 300	174	203	475	5	204 144 60 300	
6	105	920	406	5	134 76 58 358	163	842	464	5	192 134 58 358	
7	113	991	414 ~~414~~	5	143 83 60 418	171	877 ~~400~~	472	5	199 143 56 414	
8	130	718	431	5	135 ~~126~~ 10	105	857	406	5	111 99 12	
	+ 857	055 ✓			✓428	− 132	991 ✓			✓426	
						+ 857	055 ✓			✓428	
						− 467	936 ✓			✓854	
BM 117-17											BM 117-17 AVE 'A' (KERN CO. LINE) ABOUT 0.5 MI W. OF 90TH ST. W. SOUTH SIDE F.B. 2870-25

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR 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 B.M. 117-18 TO B.M. 117-19
B.M. 117-18					191						149		B.M. 117-18
1	166	640	467	5	141	50	124	400	425	5	99	50	AVE. A & 100TH. ST. W.
					214						154		F.B. 2870-26 S.E. COR.
2	189	132	490	5	164	50	129	333	430	5	104	50	
					177	100					151	100	
3	167	633	468	5	157	20	141	292	442	5	131	20	
					216	120					147	120	
4	191	029	492	5	166	50	122	810	423	5	97	50	
					191	170					148	170	T = RODRIGUEZ
5	175	430	476	5	159	32	132	652	433	5	116	32	
					204	202					158	202	
6	179	342	480	5	154	50	132	801	433	5	106	52	
					202	252					161	254	
7	177	680	478	5	152	50	134	021	435	5	107	54	
					201	302					156	308	
8	176	952	477	5	151	50	133	432	434	5	110	46	
					176	352					125	354	
9	162	772	463	5	148	28	111	411	412	5	97	28	
						380	1162	152				382	
+	1586	610										380	B.M. 117-19
B.M. 117-19	1162	152										762	AVE. A, ABOUT 0.5 MI. W. OF 100TH. ST. W. SOUTHSIDE
+	424	458											F.B. 2870-27

NOTE
FOR SECTION BM 117-19 TO BM 117-20
REFER TO F.B. 2869-225-226

T = 94°

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

SURVEY BY R.L. ANDERSON / R.L. STRADER DATE 14-SEPT. '72 TIME 13:55-14:35 WEATHER CLEAR & COLD INST. NO. 26234

NOTES BY DATE WEATHER ROD NO. 239A-8

INDEXED BY L.M. PALMER DATE 20 NOTES ROBERT E. HERVOS DATE OCT. 3 '72

F.B. 4130 PG. 93

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 4130 PG. 94 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 14-SEPT.'72

INDEXED J. M. PALMER DATE

WEATHER CLEAR & CALM INST. NO. 752834

TIME 1440-1505 ROD NO. 2139 P.S.

NOTES ROBERT E. HEACOCK DATE OCT 3 '72

T = 99°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 117-19 TO B.M. 117-18
B.M. 117-19					122						188		B.M. 117-19
1	103	538	404	5	84	38	170	949	471	5	152	36	AVE. A, ABOUT 0.5 MI. W.
					154						198		OF 100TH. ST. W. SOUTH SIDE
2	128	737	429	5	102	52	173	192	474	5	148	50	F.B. 2870-27
					158	90					200	86	
3	131	060	432	5	104	54	172	733	473	5	144	56	
					151	144					204	142	
4	124	311	425	5	97	54	177	113	478	5	150	54	
					140	198					212	196	
5	114	051	415	5	88	52	186	121	487	5	160	52	T = RODRIGUEZ
					140	250					209	248	
6	114	720	415	5	88	52	183	830	484	5	157	52	
	141				150	302					173	300	
7	~~183~~	742	442	5	132	18	163	307	464	5	153	20	
					147	320					214	320	
8	122	700	423	5	97	50	188	942	489	5	162	52	
					151	370					139	372	
9	145	680	446	5	139	12	134	910	435	5	129	10	
+	1126	534 ✓				382 ✓	1551	097 ✓				382 ✓	
B.M. 117-18						+	1126	534 ✓				382 ✓	B.M. 117-18
						−	424	563 ✓				764 ✓	AVE. A, & 100TH. ST. W.
													F.B. 2870-26 S.E. COR.

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L.S. STRADER DATE SEPT. 18, '72 WEATHER CALM CLEAR INST. NO. 75234
NOTES BY R.L.S. TIME 11:20 - 11:55 ROD NO. 2139 A8
INDEXED G.D. BAILEY DATE OCT 6 '72 NOTES CHKD. L.R.M. DATE 27 NOV '72

T = 82°

F.B. 4130 PG. 95

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 117-20													FROM BM 117-20 TO BM 117-21
1	171	408	472	5	201 141	60	136	458	437	5	166 106	60	BM 117-20 AVE. 'A' & 110TH ST. WEST
2	160	943	461	5	190 130	60 120	130	978	431	5	160 100	60 120	S.E. COR. F.B. 2870-28
3	171	978	472	5	201 141	60 180	126	032	427	5	156 96	60 180	
4	184	388	485	5	213 155	58 238	120	078	421	5	150 90	60 240	
5	171	861	472	5	200 142	58 296	130	043	431	5	160 100	60 300	T. PETERSON
6	180	893	481	5	209 151	58 354	115	038	416	5	142 88	54 354	
7	171	165	472	5	201 141	60	137	124	438	5	167 107	60	
	+ 1212	636				414	895	751				414	
	− 895	751										414	
	+ 316	885										828	
BM 117-21													BM 117-21 AVE. 'A' ABOUT 0.5 MILE WEST OF 110TH ST. WEST F.B. 2870-29

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 96 | JOB NO. 030102

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY STRACK NOTES RODRIGUEZ 20 SEPT-72

INDEXED G. D. BAILEY DATE

T=82

WEATHER Clear & Calm. INST. NO. 25234

TIME 14:10 - 14:50 ROD NO. 2139 HB

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B17117-21													FROM B17117-21 TO B17117-20
1	137	107	438	5	163 111	52	178	356	479	5	205 151	54	B17117-21 AV "A" & 0.5 mi W. of
2	130	713	431	5	158 102	56	177	580	478	5	206 148	58	110TH ST West so side of Rd.
						108						112	FB. 2870-29
3	120	748	421	5	149 91	58	171	512	472	5	197 145	52	
						166						164	T Peterson
4	126	163	427	5	154 98	56	177	947	478	5	206 148	58	
						222		568				222	
5	121	832	422	5	149 93	56	179	486	480	5	209 149	60	
						278						282	
6	135	551	436	5	163 107	56	159	098	460	5	186 132	54	
						334						336	
7	134	142	435	5	162 106	56	170	801	471	5	198 142	56	
						390						392	
8	151	651	452	5	164 138	26	159	913	460	5	172 146	26	
+	1057	907				416	1374	775			418	416	
							+ 1057	907			416	416	
B17117-20							− 316	868			834	832	B17117-20 AV "A" & 110TH ST W. S.E. COR
													FB. 2870-28

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY R.L.S. DATE SEPT 18 '72 WEATHER CLEAR WINDY INST. NO. 75234
INDEXED G.D. BAILEY DATE OCT 6 '72 TIME 13:00-13:40 ROD NO. 7139 AE
NOTES CHKD L.R.M. DATE 27 NOV 72

T=82°

F.B. 4130 PG. 97

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM 117-21									FROM BM 117-21 TO BM 117-22
1	187	880	488	5 212 162 50	131	723	432	5 156 106 50	BM 117-21
2	174	168 ~~123~~	475	5 199 149 50	122	837	423	5 147 97 50	AVE. 'A' ABOUT 0.5 MILE
3	169	972	470	5 195 143 100 52	95	449	396	5 122 68 100 54	WEST OF 110TH ST. WEST
4	192	106	493	5 218 166 152 52	117	051	418	5 142 92 154 50	S. SIDE OF ROAD
5	155	572	456	5 181 127 204 54	128	722	429	5 156 100 204 56	F.B. 2870-29
6	164	981	465	5 191 137 258 54	93	728	394	5 120 66 260 54	T T. PETERSON
7	168	432	469	5 194 142 312 52	144	157	445	5 171 117 314 54	
8	160	495	461	5 184 136 364 48	120	328	421	5 144 ~~114~~ 96 368 48	
+	1373	606		412	953	995			416
−	953	995							412
+	419	611							828
BM 117-22									BM 117-22
									AVE. 'A' & 120TH ST. WEST
									S. SIDE OF ROAD
									F.B. 2870-30

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 98 JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Snoddert NOTES Rodriguez 20-SEPT-72

INDEXED G. D. BAILEY DATE

WEATHER Clear Calm INST. NO. 75234

TIME 13:35-14:10 ROD NO. 2139118

NOTES CHKD L. R. M. DATE 27 NOV 72

T=82°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM117-22													From BM117-22 To BM117-21
1	121	951	422	5	146 96	50	158	662	458	5	182 132	50	BM117-22
2	139	318	440	5	167 111	56	173	686	476	5	204 146	58	AV "A" & 120TH ST W.
3	91	972	392	5	120 62	106 58	167	756	468	5	195 139	108 56	50, SIDE OF Rd.
4	141	904	442	5	169 113	164 56	162	921	463	5	188 136	164 52	FB. 2870-30
5	115	589	416	5	143 87	220 56	214	472	515	5	244 184	216 60	K PETERSON
6	114	808	415	5	142 86	276 56	179	967	480	5	207 151	276 56	
7	129	868	430	5	157 101	332 56	183	928	484	5	211 155	332 56	
8	147	959	448	5	160 134	388 26	180	553	481	5	193 167	388 26	
	+	1003369				414		1422945				414	
						+		1003369				414	
BM117-21						−		419576				828	BM117-21
													AV "A" 0.5 MI W. OF
													110TH ST WEST. 50 SIDE OF Rd
													FB. 2870-29

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY DEJERSON DATE 18 SEP 72
INDEXED G. D. BAILEY DATE OCT 6 72
WEATHER CLOUDY & BREEZY INST. NO. 075234
TIME 13:45 - 14:15 ROD NO. 159 AB
NOTES CHKD L. R. M. DATE 27 NOV 72
T = 82°
F.B. 4130 PG. 99

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM 117-22									FROM BM 117-22 TO BM 117-23
1	169	092	470	5	137	781	438	5	BM 117-22
				197 / 141 56				165 / 109 56	AVE 'A' (KERN CO. LINE) & 120TH
2	188	322	489	5	125	392	426	5	ST. W., SOUTH SIDE, 216'
				215 / 161 54				152 / 98 54	W, NW'LY OF WATER & POWER
				110				110	
3	189	740	490	5	135	389	436	5	TOWER 209-4
				218 / 160 58				164 / 106 58	
				168				168	FB. 2870-30
4	178	962	479	5	123	478 ~~495~~	424	5	
				206 / 150 56				153 / 94 58	
				224				226	
5	184	100	485	5	124	281	425	5	T RODRIGUEZ
				217 / 156 56				154 / 94 60	
				280				286	
6	189	272	490	5	133	210	434	5	
				218 / 160 58				160 / 106 54	
				338				340	
7	170	068	471	5	128	170	429	5	
				195 / 145 50				152 / 104 48	
				388				388	
8	159	862	460	5	134	430	435	5	
				169 / 149 20				144 / 124 20	
				408				408	
+	1429	418			1042	131			
-	1042	131							
+	387	287						408	
								816	
BM 117-23									BM 117-23
									AVE 'A' (KERN CO LINE) ABOUT
									0.5 MI W. OF TRANSMISSON LINE
									AT 120TH ST. W., SOUTH SIDE
									FB. 2870-31
									(BOTTON MISSING)

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4130 PG. 100 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE 20-SEPT, 72

INDEXED G. D. BAILEY DATE

WEATHER CLEAR & CALM INST. NO. 75234

TIME 11:15 - 11:50 ROD NO. 2139 A-B

NOTES CHKD I. R. M. DATE 27 NOV '72

T = 78°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 117-23 TO BM. 117-22
B.M. 117-23	125	772	426	5	153 95	60							
1				5			191	700	492	5	224 158	66	B.M. 117-23 AVE. A, ABOUT 0.5 MI. W. OF TRANS. LINE AT 120TH, ST. W. (NOTE: BUTTON BOLE) SO. SIDE F.B. 2870-31
2	132	599	433	5	161 103	58	181	781	482	5	206 156	50	
3	124	850	425	5	162 96	118 56	181	459	482	5	210 152	116 58	
4	129	880	430	5	157 101	174 56	180	678	481	5	208 152	174 56	T = RODRIGUEZ
5	131	872	432	5	160 102	230 58	191	030 440	492	5	220 162	230 58	
6	134	461	435	5	162 106	288 56	193	200	494	5	220 166	288 54	
7	132	602	433	5	160 104	344 56	192	592	493	5	221 163	342 58	
8	156	168	457	5	161 151	400 10	143	438	444	5	148 138	400 10	
	+ 1068204					410	1455878					410	
B.M. 117-22						+	1068204					410	B.M. 117-22 AVE. A & 120TH, ST. W. (AT TRANS. LINE) SOUTH SIDE F.B. 2870-30
						−	387674					820	

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM 117-22									FROM B.M. 117-22 TO B.M. 117-23
1	154	430	455	5 175 133 42	126	260	427	5 147 105 42	BM 117-22
2	172	032	473	5 201 143 58 100	114	488	415	5 142 86 56 98	AVE 'A' (KERN CO LINE) & 120TH ST. W, SOUTH SIDE - 216' W, N'WLY OF WATER & POWER
3	180	380	481	5 210 150 60 160	120	062	421	5 149 91 58 156	TRANSMISSON TOWER 209-4
4	173	870	474	5 202 144 58 218	120	640	421	5 150 90 60 216	
5	185	200	486	5 215 155 60 278	126	378	427	5 157 95 62 278	T RODRIGUEZ
6	189	108	490	5 219 159 60 338	131	522	432	5 160 102 58 336	
7	172	819	473	5 195 149 46 384	129	729	430	5 153 105 48 384	RERUN
8	168	968	469	5 181 155 26 410	140	271	441	5 153 127 26 410	
	+ 1396	807			1009	350			
	- 1009	350							
	+ 387	457							
BM 117-23									BM 117-23 AVE 'A' (KERN CO LINE) ABOUT 0.5 MI W OF WATER & POWER TRANSMISSION TOWERS AT 120TH ST.

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

SURVEY BY R.L. STRADER

NOTES BY PETERSON DATE 20 SEP 72 WEATHER CLEAR & CALM INST. NO 78234

INDEXED G.D. BAILEY DATE OCT 6 '72 TIME 13:00 - 13:30 ROD NO 2139AB

NOTES CHKD L.R.M. DATE 27 NOV 72

F.B. 4130 PG. 101

T = 84°

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR 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.L. STRADER
NOTES BY PETERSON DATE 18 SEP 72 WEATHER CLEAR & BREEZY INST. NO 75239
INDEXED G.D. BAILEY DATE 6 72 TIME 14:15 – 14:45 ROD NO 2139A3
NOTES CHKD L.R.M. DATE 27 NOV 72
F.B. 4130 PG. 103
T-82

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM 117-23									FROM BM 117-23 TO BM 117-24
1	171	260	472	5	118	369	419	5	BM 117-23
				201 141 60				148 88 60	AVE 'A' (KERN CO. LINE) ABOUT
2	202	360	503	5	128	360	429	5	0.5 MI W. OF TRANSMISSION LINE
				237 172 60				158 98 60	
				120				120	AT 120TH ST. W, SO. SIDE
3	176	730 ~~772~~	477	5	130	730	431	5	F.B. 2870-31 (BUTTON MISSING)
				208 144 64				162 98 64	
				184				184	
4	191	622	492	5	121	848	422	5	
				220 162 58				152 90 62	
				242				246	T RODRIGUEZ
5	170	428	471	5	126	188	427	5	
				197 143 54				151 101 50	
				296				296	
6	180	560	481	5	116	411	417	5	
				208 152 56				144 88 56	
				352				352	
7	189	041	490	5	79	459	380	5	
				212 166 46				102 56 46	
+	1282	001		398	821	365		398	
−	821	365						398	
+	460	636						796	
BM 117-24									BM 117-24
									AVE 'A' (KERN CO. LINE) & 130TH
									ST. W, S.W. COR. ABOUT 1.0
									MI. W. OF WATER & POWER
									TRANSMISSION LINES @ 120TH ST. W
									F.B. 2870-32

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.

T = 72°

WEATHER CLEAR & CALM INST. NO. 752.34
TIME 10:40 - 11:15 ROD NO. 2139 A-B
NOTES CHKD I. R. M. DATE 27 NOV 72

F.B. 4130 PG. 104 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY STRADEC NOTES ANDERSON DATE: 20-SEPT.72
INDEXED G. D. BAILEY DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 117-24 TO B.M. 117-23
B.M. 117-24	105				119						201		B.M. 117-24
1	~~106~~	951	406	5	91	28	188	570	489	5	175	26	AVE. A & 130TH. ST. W.
					153						221		F.B. 2870-32 S.W. COR.
2	125	421	426	5	97	56	194	681	495	5	167	54	
					172	84					234	80	
3	146	390	447	5	120	52	206	529	507	5	178	56	
					173	136					206	36	
4	148	590	449	5	123	50	180	711	481	5	154	52	
					144	186					211	188	T = RODRIGUEZ
5	116	889	417	5	88	56	184	292	485	5	157	54	
					166	242	~~166~~				198	242	
6	140	309	441	5	114	52	144	348	473	5	146	52	
					150	294	172				218	94	
7	123	698	424	5	96	54	191	381	492	5	164	54	
					145	348					194	348	
8	120	228	421	5	95	50	169	442	470	5	144	50	
+	1027	476				398	1487	954				398	
B.M. 117-23							+ 1027	476				398	B.M. 117-23
							− 460	478				796	AVE. A ABOUT 0.5 MI. W. OF TRANS. LINE AT 120TH. ST. W. ~ SOUTH SIDE
													F.B. 2870-31

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR 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 R.L. STRANDER
NOTES BY PETERSON DATE 20 SEP 72 WEATHER CLEAR & CALM INST. NO. 7B234
INDEXED G.D. BAILEY DATE 6 72 TIME 0920-1100 ROD No. 21394
NOTES CHKD. R.M. DATE 27 NOV 72
F.B. 4130 PG. 105
T=64°

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM 117-24											FROM BM 117-24 TO BM 117-25A
1	123	~~898~~ 813	424	5	151 95 56	107	662	408	5	135 79 56	BM 117-24
2	156	380	457	5	186 126 60 116	107	572	408	5	137 77 60 116	AVE 'A' (KERN CO. LINE) & 130TH ST. W, S.W. COR. ABOUT 1.0 MI W. OF WATER & POWER
3	157	830	458	5	187 127 60 176	103	500	404	5	133 93 60 176	TRANSMISSION LINES AT 120TH ST. W
4	168	788	469	5	198 138 60 236	93	215	394	5	123 63 60 236	F.B. 2870-32
5	161	130	462	5	191 131 60 296	118	378	419	5	147 89 58 294	T ANDERSON
6	149	180	450	5	179 119 60 356	122	205	423	5	152 92 60 354	
7	148	094	449	5	166 130 36 392	127	677	428	5	145 109 36 390	
8	148	353	449	5	154 142 12 404	160	568	461	5	167 153 14 404	
+	1213	568				940	777			~~404~~ 808	
−	940	777									
+	272	791									
BM 117-25A											BM 117-25A AVE 'A' (KERN CO. LINE) & 135TH ST. W. AT THE ℄ INT. F.B. 3726-67

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. 4130 Pg. 106 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVELNET SEPT. 29, 1972 WEATHER CLEAR/CALM INST. NO. 75234

SURVEY BY RLS. NOTES DETERSON 20 SEP 72 TIME 10:00 – 10:35 ROD NO. 2139AB

INDEXED G.D. BAILEY DATE NOTES CHKD. I. R. M. DATE NOV 72

T66

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 117-25A											FROM BM 117-25A TO BM 117-24
1	149	089	450	5	161 / 137 24	144	303	445	5	155 / 133 22	BM 117-25A
2	114	530	415	5	144 / 84 60	137	325	438	5	168 / 106 62	AVE 'A' (KERN CO. LINE) & 135TH
					84					84	ST. W. AT THE ℄ INT.
3	119	315	420	5	149 / 89 60	156	823	457	5	186 / 126 60	F.B. 3726-67
					144					144	
4	97	218	398	5	124 / 70 54	154	088	455	5	181 / 127 54	T ANDERSON
					198					198	
5	92	295	393	5	118 / 66 52	173	434	474	5	200 / 146 54	
					250					252	
6	125	058	426	5	150 / 100 50	155	578	456	5	180 / 130 50	
					300					302	
7	111	240	412	5	137 / 85 52	158	836 ~~552~~	459	5	185 / 131 54	
					352					356	
8	120	128	421	5	143 / 97 46	121	408	422	5	142 / 100 42	
+	928	873			398	1201	795			398	
						+ 928	873			398	
						– 272	922			796	
BM 117-24											BM 117-24
											AVE 'A' (KERN CO. LINE) & 130TH
											ST. W., S.W. COR. ABOUT 1.0
											MI. W. OF WATER & POWER
											TRANSMISSION LINES AT 120TH ST. W.
											F.B. 2870-32

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON
INDEXED G.D. BAILEY
DATE 21 SEP 72
DATE 6 72
WEATHER CLEAR & CALM
TIME 0915 - 1015
NOTES CHKD. L.R.M.
INST. NO. 75234
ROD NO. 13948
DATE 27 NOV 72
T = 72°
F.B. 4130 PG. 107

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
BM 117-25A									FROM BM 117-25A TO BM 117-26
1	177	660 ~~621~~	478 5	186 158 38	122	688	423 5	142 102 40	BM 117-25A AVE 'A' & 135TH ST W, AT ℄ INT. F.B. 3726-67
2	179	080	480 5	209 149 60 / 98	92	438	393 5	122 62 60 / 100	
3	171	275	472 5	201 141 60 / 158	124	293	425 5	152 96 56 / 156	
4	181	802	482 5	210 152 58 / 216	94	242	395 5	124 64 60 / 216	
5	168	408	469 5	198 138 60 / 276	90	083	391 5	119 61 58 / 274	T ANDERSON
6	170	910	478 5	199 141 58 / 334	97	~~528~~ 664	398 5	126 68 58 / 332	
7	142	852	443 5	166 118 48 / 382	111	198	412 5	135 87 48 / 380	
8	133	211	434 5	148 118 30 / 412	68	752	369 5	84 52 32 / 412	
	+ 1325	198			- 801	358		412	
	- 801	358						412	
	+ 523	840						824	
BM 117-26									BM 117-26 AVE 'A' & 140TH ST. W, S.W. COR. F.B. 2870-34

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.

F.B. 4130 PG. 108 | JOB NO. 0301.02 | SURVEY OF L.A. CO. PRECISE LEVEL NET | SURVEY BY RLS | NOTES PETERSON 26 SEP 72 | INDEXED G. D. BAILEY | DATE

WEATHER CLEAR & LIGHT BREEZE | TIME 09:25-10:00 | NOTES CHKD. T. R. M. | INST. NO. 752234 | ROD NO. 2/39 DB | DATE 27 NOV 72

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 117-26	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 117-26 TO BM 117-25A
1	69	918	370	5	94 / 44	50	152	963	453	5	177 / 127	50	BM 117-26
													AVE 'A' & 140TH ST. W, S.W. COR
2	103	022	404	5	133 / 73	60	143	255	444	5	173 / 113	60	FB. 2870-34
						110						110	
3	79	147	380	5	110 / 48	62	179	628	480	5	211 / 147	64	
						172						174	
4	98	256	399	5	128 / 68	60	169	802	470	5	199 / 139	60	T ANDERSON
						232						234	
5	97	254	398	5	127 / 67	60	160	280 ~~317~~	461	5	191 / 129	62	
						292						296	
6	97	302	398	5	127 / 67	60	173	862	474	5	~~[illegible]~~ / ~~[illegible]~~	56	201 / 145
						352						352	
7	99	852	400	5	128 / 70	58	188	387	489	5	218 / 158	60	
+	644	751				410	1168	177				412	
							+ 644	751				410	
							− 523	426				822	
BM 117-25A													BM 117-25A
													AVE 'A' & 135TH ST. W. AT THE ℄ INT.
													FB. 3726-67

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA	FORESIGHT RIGHT	MIC.	LEFT		STADIA	DESCRIPTION AND REMARKS
BM 117-25A											FROM BM 117-25A TO BM 117-26
1	180	092	481	5	197 / 163 / 34	130	717	431	5	146 / 114 / 32	BM 117-25A
2	173	239	474	5	203 / 143 / 60 / 94	84	843	385	5	114 / 54 / 60 / 92	AVE 'A' & 135TH ST. WEST. AT THE ℄ INT.
3	163	795	464	5	193 / 133 / 60 / 154	115	490	416	5	145 / 85 / 60 / 152	F.B. 3726-67
4	175	130	476	5	205 / 145 / 60 / 214	91	698	392	5	121 / 61 / 60 / 212	T ANDERSON
5	161	649	462	5	191 / 131 / 60 / 274	84	300	385	5	115 / 53 / 62 / 274	
6	169	450	470	5	198 / 140 / 58 / 332	89	802	390	5	119 / 59 / 60 / 334	
7	136	711	437	5	165 / 107 / 58 / 390	102	774	403	5	131 / 73 / 58 / 392	RERUN
8	138	452	439	5	150 / 126 / 24 / 414	75	267	376	5	86 / 64 / 22 / 414 / 414 / 828	
+	1298	518				774	891				
−	774	891									
+	523	627									
BM 117-26											BM 117-26
											AVE 'A' & 140TH ST. W, S, W, COR
											F.B. 2870-34

JOB NO. 0301.02 SURVEY OF LA CO. PRECISE LEVEL NET
SURVEY BY R. L. STRADER
NOTES BY PETERSON DATE 26 SEP '72
INDEXED G. D. BAILEY DATE 6 '72
NOTES CHKD L. R. M. DATE 27 NOV '72
CLEARWATER WEATHER LIGHT BREEZE INST. NO 75231
TIME 10:05-10:40 ROD NO 2139A0
F.B. 4130 PG. 109
T=72

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] 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.

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM117-26													FROM BM117-26 TO B.M. 117-27
1	132	707	433	5	161 / 103	58	118	227	419	5	127 / 89	58	BM117-26 S.W. COR AV "A" & 135TH ST W. @ ~~E INT.~~
2	173	438	474	5	202 / 144	58	144	169	445	5	174 / 114	60	FB 3726-67
						116						118	
3	182	411	483	5	210 / 154	56	118	386	419	5	142 / 94	48	AT T.C.P.
						172						166	
4	167	~~315~~ 258	468	5	193 / 141	52	104	188	405	5	134 / 74	60	
						224						226	
5	164	792	465	5	195 / 133	62	138	898	439	5	168 / 108	60	
						286						286	
6	169	498	470	5	199 / 139	60	135	562	436	5	165 / 105	60	
						346						346	
7	160	562	461	5	178 / 142	36	142	048	443	5	160 / 124	36	
						382						382	
8	188	598	489	5	200 / 176	26	138	583	439	5	149 / 127	22	
	+ 1339	264				404	1040	061				404	
	− 1040	061										406	
BM117-27	+ 299	203										810	BM 117-27 AV "A" 2.5 mi W. of 120TH ST W. SO. SIDE of Rd FB 2870-35

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

SURVEY BY Rodriguez DATE 21 Sept 72 WEATHER Clear-Calm INST. No. 75234

NOTES BY J.T. Rader TIME 10:20-11:10 ROD No. 2139 A6

INDEXED G. D. BAILEY DATE 03 6 72 NOTES CHKD L. R. M. DATE 27 NOV 72

T = 78°

F.B. 4130 PG. 111

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 112 JOB NO. 036102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Maples NOTES RD. RODRIGUEZ

INDEXED G.D. BAILEY DATE

WEATHER Clear-Wind INST. NO. 75234

TIME 1405-1440 ROD NO. 27 NN 12

NOTES CHKD. T R M DATE

1-84

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM117-27													From BM117-27 To BM117-26
1	98	743	399	5	127 / 69	58	172	392	473	5	200 / 144	56	BM117-27
													AV "A" 2.5 mi W of
2	145	222	446	5	174 / 116	58	171	958	472	5	200 / 142	58	120th ST W. 50, SIDE
						116					188	114	FB 2870-35
3	132	854	433	5	163 / 101	62	156	989	457	5	124	64	
						178					217	178	T Peterson
4	117	021	418	5	147 / 87	60	187	552	488	5	157	60	
						238					214	238	
5	118	103	419	5	148 / 88	60	186	413	487	5	156	60	
						298					213	298	
6	148	919	449	5	178 / 118	60	185	041 / 046	486	5	157	56	
						358					155	354	
7	129	097	430	5	154 / 104	50	128	702	429	5	101	54	
	+ 889959					408	1189047					408	
						+	889959					408	
BM117-26						−	299088					816	BM 117-26
													AV "A" & 135th ST W.
													S.W. COR
													FB 3726-67

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM117-27													FROM BM117-27 TO BM117-28A
1	182	737	483	5	209 155	54	135	661	436	5	161 109	52	BM117-27
													AV "A" 2.5 mi W. of 120TH ST
2	173	930	474	5	203 143	60	107	673	408	5	137 77	60	W. SO. SIDE of Rd
						114						112	FB. 2870-35
3	180	605	481	5	211 149	62	118	978	419	5	149 87	62	
						176						174	T T.C. Peterson
4	191	900	492	5	222 160	62	112	211	413	5	142 82	60	
						238						234	
5	164	419	465	5	193 135	58	144	352	445	5	175 113	62	
						296					296	296	
	169	512	470	5	199 139	60	110	602	411	5	140 80	60	
						356					356	456	
X 7	157	367	458	5	176 138	38	163	746	464	5	182 144	38	
+	1220	470				394	893	223			394	494	
−	893	223									394	494	
BM117-28A +	327	247									788	988	BM117-28A
													AV "A" & 150TH ST W.
													@ E INT.
													FB. 3726-75

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

SURVEY BY J T Rader

NOTES BY R. Rodriguez DATE 24 Sept 72 WEATHER Calm clear INST. NO 75234

INDEXED G. D. BAILEY DATE 6 72 TIME 11:10 - 11:40 ROD NO 243914

NOTES CHKD L. R. W. DATE 27 NOV 72

T = 86°

F.B. 4130 PG. 113

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

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

Do not extend notes this side of this line.

F.B. 4130 PG. 114 JOB NO. 030102
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY STADIA NOTES RODRIGUEZ 25 SEPT 72
INDEXED G. D. BAILEY DATE
NOTES CHKD I. R. M. DATE
TIME 12:20-14:00 ROD NO. 7 39 AB
WEATHER CLEAR-CALM INST. NO. 75234
T=82

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM117-28A													FROM BM117-28A TO BM117-27
1	153	061	454	5	189 / 137	3 / 42	150	320	451	5	166 / 134	32	BM117-28A AV "A" & 150 ST W. & INT
2	124	336	425	5	155 / 93	62	175	498	476	5	207 / 143	64	FB. 3726-75
						94						96	
3	135	608	436	5	165 / 105	60	154	082	455	5	184 / 124	60	
		~~330~~	~~415~~			154						156	T PETERSON
4	114	330	415	5	144 / 84	60	190	197	491	5	160 / 220	60	
						214						216	
5	108	897	409	5	138 / 78	60	172	027 / ~~004~~	473	5	200 / 144	56	
						274						272	
6	117	677	418	5	146 / 88	58	187	427	488	5	217 / 157	60	
						332						332	
7	118	794	419	5	144 / 92	52	194	657	495	5	220 / 168	52	
						384						384	
8	152	739	453	5	157 / 147	10	128	554	429	5	133 / 123	10	
	+ 1025	442				394	1352	762				394	
						+	1025	442				394	
BM117-27						−	327	320				788	BM117-27 AV "A" 2.5 mi W. of 120th ST W. SO SIDE of Rd. FB. 2870-35

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 117-28A TO B.M. 117-29
B.M. 117-28A				196				150	BM 117-28A
1	184	572	485 5	172 24	137	861	438 5	124 26	AVE. A & 150TH ST. W.
				214				161	F.B. 3726-75 & INT.
2	184	631	485 5	154 60	131	572	432 5	101 60	
				207 84				164 86	
3	177	611	478 5	147 60	134	190	435 5	104 60	
				201 144				176 146	
4	171	518	472 5	141 60	146	672	447 5	116 60	
				189 204		408		165 206	
5	159	100	460 5	129 60	135	~~458~~	436 5	105 60	TT = RODRIGUEZ
				206 264				167 266	
6	176	840	477 5	146 60	137	462	438 5	107 60	
				187 324				158 326	
7	167	898	468 5	147 40	138	830	439 5	118 40	
				192 364		792		145 366	
8	166	910	467 5	140 52	119	70	420 5	93 52	
				416	1081	787		418	
								416	
								834	B.M. 117-29
	+1389	080							AVE. A, ABOUT 0.2 MI. E.
B.M. 117-29	-1081	787							OF EDISON TRANSLINE - SOUTH SIDE
	+ 307	293							F.B. 2870-37

T = 82°

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

SURVEY BY R.L. STRADER

NOTES BY R. ANDERSON DATE 21-SEPT 72 WEATHER CLEAR & CALM INST. NO. 252-34

INDEXED G.D. BAILEY DATE 6 72 TIME 11:40 - 12:10 ROD NO. 2139 AA

NOTES CHKD L.R.M. DATE 27 NOV 72

F.B. 4130 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.

T. = 82°

B.M. 4130 PG. 116 | JOB NO. 0801.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE 25-SEPT. '72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR & CALM INST. NO. 76234

TIME 11:35-12:10 ROD NO. 2139 A-B

NOTES CHKD I.R.M. DATE 27 NOV 72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 117-29 TO B.M. 117-28A
B.M. 117-29													B.M. 117-29
1	112	330	413	5	142 82	60	169	658	470	5	199 139	60	AVE. A, ABOUT 0.2 MI.
					165						198		E. OF EDISON TRANS LINE
2	135	401	436	5	105	60	168	542	469	5	138	60	F.B. 2870-37 SO. SIDE
					159	120		300			204	120	
3	129	750	430	5	99	60	174	~~408~~	475	5	144	60	
					178	180	163	551			193	180	
4	148	800	449	5	118	60	~~162~~	~~620~~	464	5	133	60	
					161	240					201	240	
5	131	281	432	5	101	60	171	182	472	5	141	60	T = RODRIGUEZ
					157	300		930			208	300	
6	127	101	428	5	97	60	178	~~872~~	479	5	148	60	
					156	360	197				222	360	
7	131	179	432	5	106	50	~~177~~	490	498	5	172	50	
+	915	842				410	1223	653				410	
B.M. 117-28A						+	915	842				410	B.M. 117-28A
						−	307	811				820	AVE. A & 150TH. ST. W.
													F.B. 3726-75 & INT.

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 R.A. STRADER DATE 26-SEPT. '72 WEATHER CLEAR & WINDY INST. NO. 75-274

NOTES BY R.A. NORDERSON TIME 11:35-12:10 ROD NO. 21394-B

INDEXED G.D. BALEY DATE 6 72 NOTES CHKD L.R.M. DATE 27 NOV 72

F.B. 4130 PG. 117

T = 76°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 117-28A													FROM B.M. 117-28A TO B.M. 117-29
					194						154		B.M. 117-28A
1	182	370	483	5	170	24	142	912	443	5	130	24	AVE. A & 150TH. ST. W.
					220						163		F.B. 3726-75 & INT.
2	190	162	491	5	160	60	133	560	434	5	103	60	
					208	84					162	84	
3	178	588	479	5	148	60	132	948	433	5	102	60	
					205	144					~~176~~	144	177 RERUN
4	175	430	476	5	145	60	147	348	448	5	~~116~~	60	117
					192	204					159	204	
5	162	688	463	5	132	60	129	320	430	5	99	60	⊼ = RODRIGUEZ
					201	264					164	264	
6	171	370	472	5	141	60	134	372	435	5	104	60	
					206	324					169	324	
7	176	761	477	5	146	60	139	272	440	5	109	60	
		091			168	384					~~143~~	384	138
8	161	~~120~~	462	5	154	14	130	910	431	5	~~117~~	16	122
+	1398	460				398	1090	642				400	
B.M. 117-29 −	1090	642										398	B.M. 117-29
+	307	818										798	AVE. A, ABOUT 0.2 MI. E. OF EDISON TRANS. LINE
													F.B. 2870-37 SOUTH SIDE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

T. = 76°

WEATHER CLEAR & WINDY INST. NO. 25237
TIME 10:55-11:25 ROD NO. 2139-A-B
NOTES CHKD L.R.M. DATE 7 NOV '72

F.B. 4130 PG. 118 JOB NO. 0301.02
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY STRODER NOTES ANDERSON-DATE: 26-SEPT. '72
INDEXED G.D. BAILEY DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 117-29 TO B.M. 117-28A
B.M. 117-29					145						197		B.M. 117-29
1	115	518	416	5	85	60	167	400	468	5	137	60	AVE. A, ABOUT 0.2 MI. E.
					163						202		OF EDISON TRANS. LINE
2	133	740	434	5	103	60	172	548	473	5	142	60	F.B. 2870-37 SOUTH SIDE
					157	120					198	120	
3	127	622	428	5	97	60	168	178	469	5	138	60	
					173	180					189	180	RERUN
4	143	160	444	5	113	60	159	802	460	5	129	60	
					163	240					206	240	T = RODRIGUEZ
5	133	301	434	5	103	60	176	750	477	5	146	60	
					161	300					205	300	
6	131	870	432	5	101	60	175	470	476	5	145	60	
					164	360					187	360	
7	139	700	440	5	124	30	172	620	473	5	157	30	
					156	390					196	390	
B.M. 117-28A	144	501	445	5	132	24	184	242	485	5	172	24	B.M. 117-28A
	+ 1069	412				414	1377	010				414	AVE. A & 150TH. ST. W.
							+ 1069	412				414	F.B. 3726-75 Q INT.
							− 307	598				828	

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 117-29 TO B.M. 117-30
B.M. 117-29					192						158		B.M. 117-29
1	160	822	461	5	128	64	126	571	427	5	94	64	AVE. A, ABOUT 0.2 MI. E. OF
		071			215						156		EDISON TRANS. LINE SOUTH SIDE
2	185	~~069~~	486	5	155	60	126	282	427	5	96	60	F.B 2870-37
					202	124					160	124	
3	172	220	473	5	142	60	130	528	431	5	100	60	
					192	184					158	184	
4	165	242	466	5	138	54	130	552	431	5	102	56	
					196	238					154	240	T = RODRIGUEZ
5	171	200	472	5	146	50	127	786	428	5	100	54	
					210	288					150	294	
6	178	810	479	5	146	64	122	888	423	5	94	56	
					186	352					131	350	
7	170	370	471	5	154	32	114	638	415	5	97	34	
+	1203	735				384	879	239				384	
B.M. 117-30 −	879	239										384	B.M. 117-30
+	324	496										768	AVE. A & 160TH. ST. W.
													F.B 2870-38 S.W. COR

T = 90°

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

SURVEY BY R. L. STRADER WEATHER CLEAR & CALM INST. NO. 75-2-34

NOTES BY R. ANDERSON DATE 21-SEPT. 172 TIME 13:20-13:50 ROD NO. 2139 A.B.

INDEXED G.D. BAILEY DATE OCT 6 '72 NOTES CHKD. T.R.M. DATE 27 NOV 72

F.B. 4130 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.

F.B. 4130 PG. 120 JOB NO. 0301.03
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY STARKEY NOTES THOMASSON DATE: 25-SEPT-72
INDEXED G.D. BAILEY DATE
WEATHER CLEAR & CALM INST. NO. 75284
TIME 11:05-11:35 ROD NO. 2/39 A-18
NOTES CHKD. L.R.M. DATE 27 NOV '72

T = 76°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 117-30 TO B.M. 117-29
B.M. 117-30				125				207	B.M. 117-30
1	100	470	401 5	75 50	182	069	483 5	157 50	AVE. A. & 160TH. ST. W.
				161				206	F.B. 2870-38 S.W. COR.
2	131	462	432 5	101 60	176	331	477 5	146 60	
				156 110				210 110	
3	126	559	427 5	96 60	180	538	481 5	150 60	
				171 170				206 170	
4	141	899	442 5	111 60	176	729	477 5	146 60	
				162 230				219 230	
5	132	072	433 5	102 60	189	459	490 5	159 60	T = RODRIGUEZ
				156 290				205 290	
6	126	840	427 5	96 60	175	438	476 5	145 60	
				156 350				157 350	
7	141	490	442 5	126 30	144	802	445 5	131 26	
+	900	792		380	1225	366		376	
B.M. 117-29				+	900	792		380	B.M. 117-29
				−	324	574		756	AVE. A, ABOUT 0.2 MI.
									E. OF EDISON TRANS. LINE
									F.B. 2870-37 SOUTH SIDE

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.

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

SURVEY BY R.L. STRADER DATE SEPT. 21 '72 WEATHER CLEAR-CALM INST. NO. 75234

NOTES BY R. ANDERSON TIME 13:50 ROD NO. 2139 AB

INDEXED G.D. BAILEY DATE 6 72 NOTES CHKD T.R.M. DATE 27 NOV 72

F.B. 4130 PG. 121

T = 90°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 117-30 TO B.M. 117-30A
B.M. 117-30									B.M. 117-30 AVE. A & 160TH. ST. W. F.B. 2870-38 S.W. COR.
1	+ 118	091	419	5 122 114	8 131 + 118 - 12	050 091 959	432	5 136 126	10 8 18 T = RODRIGUEZ
B.M. 117-30A									B.M. 117-30A AVE. 'A' & 160TH ST. W. S.E. COR. F.B. 2870-38

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4130 PG. 122 | JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET 9-21-72 WEATHER CLEAR CALM INST. NO. 75234

SURVEY BY R.L.S. NOTES R.L. STRADER TIME 13:56 ROD NO. 2139 AB

INDEXED G.D. BAILEY DATE NOTES CHKD. L R M. DATE 27 NOV 72

1 = 900

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 117-30A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 117-30A TO B.M. 117-30
													B.M. 117-30A AVE. 'A' & 160TH ST. W. S.E. COR. F.B. 2870-38
1 +	134	138	435	5	139 129	10	121	188	422	5	126 116	10	
-	121	188										10	
+	12	950										20	
BM.117-30													B.M. 117-30 AVE. 'A' & 160TH ST. W. S.W. COR. F.B. 2870-38

76P526 CE # 308 3-61

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

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR 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
BM 117-30A									FROM BM 117-30A TO BM 117-31
1	131	118	432 5	139 / 103 56	119	838	420 5	146 / 92 54	BM 117-30A AVE 'A' & 160TH ST W, AT THE KERN CO LINE, ABOUT 0.3 MI W. OF EDISON CO TRANSMISSION LINES (STATE DIV. OF HWYS) F.B. 2870-38
2	150	968	451 5	180 / 120 60 / 116	99	657	400 5	129 / 69 60 / 114	
3	158	188 ~~102~~	459 5	188 / 128 60 / 176	129	010	430 5	160 / 98 62 / 176	
4	150	148	451 5	179 / 121 58 / 234	144	904	445 5	173 / 115 58 / 234	
5	147	187	448 5	177 / 117 60 / 294	135	568	436 5	165 / 105 60 / 294	J ANDERSON
6	126	032	427 5	156 / 96 60 / 354	134	023	435 5	163 / 105 58 / 352	
7	138	865	439 5	151 / 125 26 / 380	129	458	430 5	142 / 116 26 / 378	
8	140	841	441 5	151 / 129 22 / 402	90	240	391 5	101 / 79 22 / 400 / 402 / 802	
	+ 1143	447			- 982	698			
	- 982	698							
	+ 160	749							
BM 117-31		6							BM 117-31 AVE 'A' AT THE KERN CO. LINE, ABOUT 0.5 MI E OF 170TH ST W ABOUT 61' SE'LY OF T8N, R15W, T9N, 1, 36 WHICH IS ON ℄ OF AVE 'A' F.B. 2870-40

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

SURVEY BY R.L. STRAVER

NOTES BY PETERSON DATE 21 SEP 72 WEATHER CLEAR

INDEXED G.D. BAILEY DATE OCT 6 72 TIME 4:00-14:25 INST. NO. 75234

NOTES CHKD. L.R.M. DATE 27 NOV 72 ROD NO. 21 39 AB

T = 88°

F.B. 4130 PG. 123

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 124 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 25 SEP 72

INDEXED G. D. BAILEY DATE

WEATHER USDA & HGAT

TIME 10:20 - 11:00 BAREZE INST. NO. 75234

NOTES CHKD L. R. M. ROD NO. 21 3710 DATE 27 NOV 72

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM117-31											FROM BM117-31 TO BM117-30A
1	78	016	379	5	107 / 49 / 58	143	452	444	5	172 / 114 / 58	BM117-31
2	142	797 ~~860~~	443	5	172 / 112 / 60 / 118	130	008	431	5	161 / 99 / 62 / 120	AVE 'A' (KERN CO LINE) ABOUT 0.5 MI E. OF 170TH ST, WEST,
3	128	605	429	5	158 / 98 / 60 / 178	137	465	438	5	166 / 108 / 58 / 178	ABOUT 61' SE'LY OF T8N, R15W, T9N, I-36, WHICH IS ON
4	138	749	439	5	168 / 108 / 60 / 238	151	298	452	5	181 / 121 / 60 / 238	℄ OF AVE 'A' F.B. 2870-40
5	125	106	426	5	156 / 94 / 62 / 300	170	212 ~~108~~	471	5	199 / 141 / 58 / 296	
6	119	855	420	5	149 / 89 / 60 / 360	149	187	450	5	179 / 119 / 60 / 356	T ANDERSON
7	112	505	413	5	133 / 91 / 42 / 402	124	948	425	5	147 / 101 / 46 / 402	
	+ 845	633				1006	570				
						+ 845	633				
						− 160	937				
										402 / 402 / 804	
BM117-30A											BM117-30A AVE 'A' (KERN CO. LINE) ABOUT 0.3 MI W. OF EDISON CO. TRANSMISSION LINES. (STATE DIV. OF HWYS) SOUTH SIDE F.B. 2870-38

E72

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON DATE 21 SEP 72 WEATHER CLEAR & CALM INST. NO. 21394
INDEXED G. D. BAILEY DATE OCT 6 72 TIME 14:25-15:00 ROD NO. 7534
NOTES CHKD. L. R. M. DATE 27 NOV 72 F.B. 4130 PG. 125

T = 88°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM117-31									FROM BM117-31 TO BM117-32
1	115	650	416	5	144 / 86 / 58	123	410	424	5	150 / 96 / 54	BM117-31
2	153	892	454	5	179 / 127 / 52 / 170	114	328	415	5	141 / 87 / 54 / 108	AVE 'A' AT THE KERN CO LINE, ABOUT 0.5MI E. OF 170TH ST. W,
3	153	401	454	5	184 / 122 / 62 / 172	124	062	425	5	154 / 94 / 60 / 168	ABOUT 61' S.E. ¼ OF TBN, R15W, T9N, 1, 36 WHICH IS ON
4	145	892	446	5	176 / 114 / 62 / 234	124	570	425	5	157 / 91 / 66 / 234	℄ OF AVE 'A' F.B. 2870-40
5	150	022	451	5	180 / 120 / 60 / 294	133	473	424	5	162 / 104 / 58 / 292	
6	142	931	443	5	170 / 114 / 56 / 350	122	533	423	5	150 / 94 / 56 / 348	T ANDERSON
7	140	082	441	5	162 / 118 / 44 / 394	112	342	413	5	134 / 90 / 44 / 392	
8	135	274	436	5	140 / 130 / 10 / 404	138	472	439	5	143 / 133 / 10 / 402	
+	1137	144				993	190			404	
−	993	190								806	
+	143	954									
BM117-32											BM 117-32 AVE 'A' AT THE KERN CO. LINE & 170TH ST W; S.E. COR F.B. 2870-41

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER CLEAR & LIGHT BREEZE INST. NO. 758.34
TIME 09:45-10:20 ROD NO. 2759 A&B
NOTES CHKD L. R. M. DATE 27 NOV 72

T = 72'

F.B. 4130 PG. 126 JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L.S. NOTES PETERSON 25 SEP 72
INDEXED G.D. BAILEY DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
BM 117-32											FROM BM 117-32 TO BM 117-31
1	105	432	406	5	138 72 66	161	260	462	5	194 128 66	BM 117-32
2	145	681	446	5	175 115 60	133	758	434	5	163 103 60	AVE 'A' (AT THE KERN CO LINE) & 170 TH ST. W., S.E. COR
					126					126	F.B. 2870-41
3	120	417	421	5	150 90 60	146	752 ~~787~~	447	5	176 116 60	
					186					186	
4	131	891	432	5	161 101 60	144	547	445	5	173 115 58	T ANDERSON
					246					244	
5	111	260	412	5	142 80 62	158	332	459	5	189 127 62	
					308					306	
6	121	672	422	5	151 91 60	149	258	450	5	178 120 58	
					368					364	
7	124	998	425	5	142 106 36	111	608	412	5	131 91 40	
					404					404	
+	861	351				1005	515				
						+ 861	351			404	
						− 144	164			808	
BM 117-31											BM 117-31 AVE 'A' (KERN CO. LINE) ABOUT 0.5 MI E. OF 170TH ST. WEST. ABOUT 61' S.E'LY OF TBN, R15W, T9N, 1,36 WAKIFISON ℄ OF AVE 'A' F.B. 2870-40

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.

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

SURVEY BY Rodriguez
NOTES BY J. Traeder DATE 26 SEPT. 72 WEATHER Clear-Windy INST. NO. 75234
TIME 13:20 - 14:15 ROD NO. 7139 HB
INDEXED G.D. BAILEY DATE OCT 6 72 NOTES CHKD L.R.M. DATE 27 NOV 72

T = 80°

F.B. 4130 PG. 127

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM117-32													From BM117-32 To BM117-33A
1	188	517	489	5	205 171	34	155	221	456	5	171 139	32	BM117-32 AV "A" & 170TH ST W. SE-COR
2	149	135	450	5	179 119	60	121	960	422	5	151 91	60	
3	168	616	469	5	198 138	94 60	127	712	428	5	156 98	92 58	T Peterson
4	172	500	473	5	200 144	154 56	154	959	455	5	186 122	150 64	
5	169	961	470	5	199 139	210 60	146	637	447	5	174 118	214 56	
6	144	558	445	5	174 114	270 60	149	228	450	5	179 119	270 60	
7	163	002	464	5	193 133	330 60	146	472	447	5	177 115	330 62	
8	159	032	460	5	172 146	390 26	167	672	468	5	180 154	392 26	
						416	1169	861				418	
	+ 1315	321										416	
	- 1169	861										834	
	+ 145	460											
BM117-33A													BM117-33A 170TH ST. W. & INT. 1/4 COR. FB3726-88

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4130 PG. 128 JOB NO. 0301.02

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

SURVEY BY STUDER NOTES RODRIGUEZ 28 SEPT. 72

INDEXED G. D. BAILEY DATE

NOTES CHKD. L. R. M. DATE ?? NOV 72

TIME 14:30 - 15:00 ROD NO. 2139AA

WEATHER Clear-Calm INST. NO. 7523 F

T = 84°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 117-33A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 117-33A TO BM 117-32
1	161	084	462	5	192 130	62	164	161	465	5	193 135	58	BM 117-33A 170TH ST W. & INT
2	147	705 ~~732~~	448	5	176 118	58 120	163	962	464	5	191 135	56 114	1/4 COR FB. 3726-88
3	157	380	458	5	186 128	58 178	161	153	462	5	194 128	66 180	T PETERSON
4	144	332	445	5	173 115	58 236	168	342	469	5	197 139	58 238	
5	147	841	448	5	176 118	58 294	188	841	489	5	216 160	56 294	
6	141	690	442	5	170 112	58 352	176	951	477	5	206 146	60 354	
7	142	198	443	5	161 123	38 390	158	920	459	5	176 140	36 390	
8	176 7	008	478	5	189 165	24	182	625	483	5	193 171	22	
	+ 1219	238				414	1364	955				412	
						+	1219	238				414	
BM 117-32						−	145	717				826	BM 117-32 AV "A" & 170TH ST W. S.E. COR

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR 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
BM117-33A													FROM BM117-33A TO BM117-34A
1	192	098	493	5	209 175	34	147	652	448	5	160 134	26	BM117-33A 170TH ST W. & INT 1/4 COR
2	145	538	446	5	172 118	54	147	600	448	5	178 116	62	FB. 3726-88
						88						88	
3	168	638	469	5	197 139	58	148	572	449	5	180 116	64	T PETERSON
						146						152	
4	152	536	453	5	182 122	60	151	747	452	5	178 124	54	
						206						206	
5	149	568	450	5	179 119	60	147	084	448	5	176 118	58	
						266						264	
	157	621	458	5	188 126	62	149	982	450	5	179 119	60	
						328						324	
7	167	569	468	5	187 187	60	146	954	447	5	177 115	62	
						388						386	
8	161	206	462	5	170 152	18	164	228	465	5	172 156	16	
+	1294	774				406	1203	819				402	
−	1203	819										406	
BM117-34A +	90	955										808	BM 117-34A 170TH ST, W & AV "B" E, OF APPROX E, & APPROX ENTRANCE TO ELiopulos & SON Ranch. FB. 3726-91

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

SURVEY BY STRader DATE 26 SEPT-72 WEATHER Clear-Windy INST. NO 25234

NOTES BY R DOrigue2 TIME 14:15-15:00 ROD NO 243944

INDEXED G.D. BAILEY DATE OCT 6 72 NOTES CHKD T. R. M. DATE 27 NOV 72

T=80°

F.B. 4130 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. 4130 PG. 130 | JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY Meade NOTES Rodriguez 28 SEPT 72

INDEXED G.D. BAILEY DATE

WEATHER Clear-Calm INST. NO. 75234

TIME 3:40 - 4:15 ROD NO. 2139 HB

NOTES CHKD. L.R.M. DATE 27 NOV 72

T = 84°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM117-34A													From BM117-34A To BM117-33A
1	150	108	451	5	180 120	60	159	931	460	5	189 129	60	BM117-34A 170th ST W. & AV "B" East of Approx
2	155	162	456	5	185 125	60 120	167	473	468	5	197 137	60 120	& ℄ Approx Entrance To E Liopulos Park FB 3726-91
3	151	498	452	5	181 121	60 180	160	182	461	5	190 130	60 180	T Peterson
4	162	738	463	5	191 133	58 238	158	547	459	5	187 129	58 238	
5	151	884	452	5	180 122	58 296	161	908 ~~940~~	462	5	191 131	60 298	
6	149	385	450	5	178 120	58 354	165	303	466	5	194 136	58 356	
7	158	792	459	5	183 133	50 404	197	313	498	5	222 172	50 406	
	+ 1079	567				+	1170	657				404	
							+ 1079	567				810	
BM117-33A						−	91	090					BM 117-33A 170th ST W. & INT 1/4 COR FB 3726-88

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
Bm 117-34A									FROM Bm 117-34A TO Bm 117-35A
1	216	117	517 5	246 186 60	111	811	412 5	141 81 60	Bm 117-34A
2	208	801	509 5	238 178 60 120	97	263	398 5	127 67 60 120	170TH. ST. W. & AVE 'B' AT. THE ℄ INT. (E. EDGE PVMT.) F.B. 3726-91
3	197	861	498 5	227 167 60 180	94	885	395 5	124 64 60 180	
4	181	611	482 5	212 150 62 242	105	531	406 5	136 74 62 242	
5	193	321	494 5	224 162 62 304	92	716	393 5	123 61 62 304	T S TRADER
6	185	061	486 5	216 154 62 366	102	872	403 5	133 71 62 366	
7	185	902	486 5	204 166 38 404	162	510	463 5	181 143 38 404 404 808	
+	1368	674							
−	767	588			767	588			
+	601	086							
Bm 117-35A									Bm 117-35A 170TH ST W ON THE ℄. ABOUT 0.5 MI SO. OF AVE 'B'. E. EDGE OF PVMT. F.B. 3726-95

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

SURVEY BY R. L. STRADER

NOTES BY PETERSON DATE 27 SEP 72 WEATHER CLEAR & CALM INST. NO. TB234

INDEXED G. D. BAILEY DATE OCT 6 72 TIME 09:25-09:55 ROD NO. 2392A

NOTES CHKD L. R. M. DATE 27 NOV 72

T-72

F.B. 4130 PG. 131

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 132 JOB NO. 0801.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 28-SEPT '72

INDEXED G.D. BAILEY DATE

T = 86°

WEATHER CLEAR & WINDY INST. NO. 75234

TIME 13:05-13:40 ROD NO. 2/32 R.G.

NOTES CHKD. L R M DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 117-35A TO B.M. 117-34A
B.M. 117-35A	145	063	446		115	60					232		B.M. 117-35A
1				5			202	392	503	5	172	60	170 TH. ST. W. ON THE ℄
					143						222		ABOUT 0.5 MI. SO. OF AVE. "B"
2	113	192	414	5	83	60	192	269	493	5	162	60	F.B. 3726-95 E. EDGE PVT.
					128	120					227	120	
3	98	725	399	5	68	60	197	810	498	5	167	60	
					151	180					218	180	
4	121	532	422	5	91	60	188	140	489	5	158	60	
					117	240					217	240	T = STRADER
5	87	999	388	5	57	60	187	026	488	5	157	60	
					134	300					242	300	
6	104	297	405	5	74	60	212	086	513	5	182	60	
					144	360					237	360	
7	119	682	420	5	94	50	212	085	513	5	187	50	
+	790	490				410	1391	808				410	
B.M. 117-34A							+ 790	490				410	B.M. 117-34A
							− 601	318				820	170 TH. ST. W. & AVE. "B"
													AT THE ℄ INT. (E. EDGE PVT.
													F.B. 3726-91

76P526 CE # 308 3-61

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

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR 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. L. STRADER
NOTES BY PETERSON DATE 27 SEP 72 WEATHER Cloudy CALM
TIME 09:55-10:25 INST. NO. 12234
INDEXED G. D. BAILEY DATE OCT 6 72 NOTES CHKD R. W. ROD NO. 21 3PM
DATE 27 NOV 72
T = 74°
F.B. 4130 PG. 133

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM117-35A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM117-35A TO BM117-36A
1	241	968	542 5	272 210 62	102	050	403 5	133 71 62	BM117-35A
2	200	538	501 5	231 169 62 124	80	191	381 5	110 50 60 122	170TH ST W. ON THE ℄ ABOUT 0.5 MI. SO. OF AVE 'B' E. EDGE OF PUMT.
3	223	160	524 5	253 193 60 184	80	310	381 5	111 49 62 184	F.B. 3726-95
4	194	085	495 5	225 163 62 246	110	041	411 5	140 80 60 244	
5	204	138	505 5	235 173 62 308	94	700	395 5	125 63 62 306	T STRADER
6	214	100	515 5	246 184 60 368	117	707	418 5	147 87 60 366	
7	161	739	462 5	178 144 34 402	191	809	492 5	213 169 44 410	
	+ 1439	728			776	808		402	
	− 776	808						812	
	+ 662	920							
BM 117-36A									BM117-36A 170TH ST. W. ON THE ℄ ABOUT 1.0 MI SO OF AVE 'B' E. OF E. EDGE PUMT. F.B 3726-99

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 134 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE 28-SEP. '72

INDEXED G. D. BAILEY DATE

WEATHER OVERCAST & COLD INST. NO. 75239

TIME 11:30 – 12:00 ROD NO. 2139 A-B

NOTES CHKD L. R. M. DATE 27 NOV '72

T = 78°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 117-36A TO B.M. 117-35A
B.M. 117-36A													B.M. 117-36 A
1	184	015	485	5	214 / 154	60	174	297	475	5	204 / 144	60	170TH. ST. W. ON ℄
2	100	250	401	5	130 / 70	60	207	375	508	5	237 / 177	60	ABOUT 1.0 MI. SO. OF AVE. "B"
3	93	780	394	5	123 / 63	120 / 60	196	181	497	5	226 / 166	120 / 60	F.B. 3726-99 E. EDGE OF PVT.
4	107	913	408	5	137 / 77	180 / 60	200	834	501	5	230 / 170	180 / 60	
5	72	771	373	5	102 / 42	240 / 60	215	559	516	5	245 / 185	240 / 60	T = STRADER
6	98	301	399	5	128 / 68	300 / 60	210	364	511	5	240 / 180	300 / 60	
7	120	555	421	5	145 / 95	360 / 50	235	940	536	5	259 / 211	360 / 48	
	+ 777	585				410	– 1440	550				408	
B.M. 117-35A							+ 777	585				410	B.M. 117-35 A
							– 662	965				818	170TH. ST. W. ON THE ℄
													ABOUT 0.5 MI. SO. OF AVE. "B"
													F.B. 3726-95 E. EDGE PVT.

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 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
BM117-36A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM117-36A TO BM117-36B
1	191	060	492	5	198 184	14	149	188	450	5	156 142	14	BM117-36A
												14	170th ST W. 1.0 mi 50' No of
2. +	191	060					149	188				28	AV "B" East of East Edge
−	149	188											of Payment.
+	41	872											FB. 3726-99
													T Anderson
BM117-36B													BM 117-36B.
													170th ST W. 42' approx so of
													BM 117-36A. 1.0 mi so. of
													AV "B"
													FB.

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

SURVEY BY: Rodriguez, Strader DATE: 27-Sept-72 WEATHER: Clear T=98° F.B. 4130 Pg. 135

NOTES BY: TIME: 10:30-10:35 INST. No. 78234

INDEXED: G.D. BAILEY DATE: 6-72 NOTES CHKD: L.R.M. DATE: 27 NOV 72 ROD No. 21391

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4130 PG. 136 JOB NO. 0301.02

SURVEY OF LA.CO. PRECISE LEVEL NET

SURVEY BY Stradley NOTES RO 0146/82 SEPT 28-72

INDEXED G. D. BAILEY DATE

WEATHER Clear-Calm INST. NO. 25237

TIME 11:25 - 11:30 ROD NO. 2139HB

NOTES CHKD. T. D. M. DATE 27 NOV 72

T278

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM117-36B TO BM117-36A
BM117-36B													
1.	158	162	459	5	165 151	14	200	063	501	5	209 193	14	BM117-36B
												14	170TH ST W 42' APPROX SO
	+ 158	162					− 200	063				28'	OF BM 117-36A 1.0 MI SO
							+ 158	162					OF 14V "B"
							− 41	901					FB.
													T ANDERSON
													BM117-36A

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 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
BM117-36B													FROM BM117-36B TO BM117-37
1	197	240 ~~185~~	498	5	224 170	54	112	671	413	5	121 83	58	BM117-36B
2	168	840	469	5	198 138	60	86	298	387	5	115 57	58	170TH ST W 42' approx so of
						114						116	BM 117-36A 1.0 mi so of
3	167	397	468	5	197 137	60	106	928	407	5	135 77	58	AV "B"
						174						174	FB.
4	156	602	457	5	181 121	60	99	192	400	5	125 73	52	
						229						226	T Anderson
5	172	154 ~~200~~	473	5	200 142	58	102	462 ~~440~~	403	5	131 73	58	
						286						284	
	163	970	464	5	189 137	52	105	386	406	5	129 81	48	
						332						332	
7	160	410	461	5	186 134	52	97	998	398	5	126 68	58	
						384						390	
8	120	899	421	5	132 108	24	93	952	394	5	103 83	20	
						408	804	887				410	
	+ 1307	512										408	BM 117-37
	− 804	887										818	~~BM~~ 170TH ST W. 0.5 mi No
BM117-37	+ 502	625											of AV "D" East side
													FB. 2870-46

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

SURVEY BY Rodriguez DATE 27 Sept 72 WEATHER Clear TIME 10:40-11:15 INST. NO. 25234

NOTES BY Straden ROD NO. 2137 40

INDEXED G.D. BAILEY DATE 6-72 NOTES CHKD L.R.M. DATE 21 NOV 72

T = 78°

F.B. 4130 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.

F.B. 4130 PG. 138 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY STRader NOTES Rodriguez 28 Sept-72

INDEXED G. D. BAILEY DATE

WEATHER Clear-Calm INST. NO. 75234

TIME 10:55-11:25 ROD NO. 2139 MB

NOTES CHKD. T R M DATE 27 NOV '72

T = 78°

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM117-37													From BM117-37 to BM117-36B
1	97	562	398	5	126 68	58	161	507	462	5	188 134	54	BM117-37
													170 ST W. 0.5 Mi NO of
2	96	678	397	5	124 66	60 68	176	640	477	5	208 144	64	AV "D" East side
						118						118	FB 2870-46
3	100	452	401	5	130 70	60	168	350	469	5	197 139	58	
						178						176	T ~~Rafe~~ Anderson
4	98	797	399	5	128 68	60	163	592	464	5	193 133	60	
						238						236	
5	102	535	403	5	133 71	62	171	528	472	5	202 140	62	
						300						298	
6	93	980	394	5	123 63	60	168	530	469	5	199 137	62	
						360						360	
7	114	402	415	5	136 92	44	161	452	462	5	182 140	42	
						404						402	
8	132	908	433	5	137 127	10	168	540	469	5	174 162	12	
	+ 837	314				414	1340	139				414	
							+ 837	314				414	
							502	825				828	
BM117-36B													BM117-36B
													170TH ST W. 42' approx So
													of BM117-36A 1.0 Mi
													So of AV "B"
													FB

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 Rodriguez DATE 27 Sept 72 WEATHER Clear INST. No 25234

NOTES BY J. Radke TIME 11:15-11:55 ROD No 21 39 HE

INDEXED G.D. BAILEY DATE 6 72 NOTES CHKD I.R.M. DATE 27 NOV 72

T=84° F.B. 4130 PG. 139

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM117-37													From BM117-37 To BM117-38A
1	138	757	439	5	164 112	52	116	472	417	5	142 90	52	BM117-37
													170TH ST W. 0.5 mi No of
2	160	453	461	5	186 134	52	114	245	415	5	140 88	52	HV "D" E. 510E
						104						104	FB. 2870-46
3	163	783	464	5	189 137	52	98	458	399	5	123 73	50	
						156						154	T Anderson
4	152	660	453	5	178 126	52	130	218	431	5	156 104	52	
						208						206	
5	142	947	443	5	169 115	54	166	362	467	5	193 139	54	
						262						260	
	134	083	435	5	161 107	54	133	728	434	5	160 106	54	
						316						314	
7	138	068	439	5	160 116	44	131	500	432	5	153 109	44	
						360						358	
8	159	075	460	5	174 144	30	121	651	422	5	136 106	30	
+	1189	826				390	1012	634				388	
-	1012	634										390	
BM117-38A +	177	192										778	BM117-38A (L.A. CO. RD DEPT) ~~(State Hwy)~~
													170TH ST W. & HV "D"
													N.E COR.
													FB. 2870-47

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 140 JOB NO. 0301.02

SURVEY OF L.A. CO Precise Level

SURVEY BY Stradley NOTES Rodriguez 28 SEPT 72

INDEXED G. D. BAILEY DATE

WEATHER Clear, Calm INST. NO. 25234

TIME 10:25-10:55 ROD NO. 21378 A6

NOTES CHKD I. D. M. DATE 27 NOV 72

T=78°

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM117-38A													FROM BM117-38A TO BM117-37
1	116	372	417	5	135 97	38	129	901	430	5	149 109	40	BM117-38A 170TH ST W & AV "D" N.E. COR
2	133	002	434	5	163 103	60	123	128	424	5	153 93	60	FB 2870-47
3	144	472	445	5	174 114	98 60	121	516	422	5	151 91	100 60	
4	128	540	429	5	158 98	158 60	145	488	446	5	175 115	160 60	T ANDERSON
5	95	400	396	5	126 64	218 62	157	108	458	5	186 128	220 58	
6	108	757	409	5	139 77	280 62	184	074	485	5	215 153	278 62	
7	94	508	395	5	115 73	342 42	136	983	437	5	158 114	340 44	
	+ 821	051				384	-998	198				384	
							+821	051				384	
BM117-37							-177	147				768	BM117-37 170TH ST W. 0.5 mi NO of AV "D" EAST SIDE FB 2870-46

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 117-38A									FROM BM 117-38A TO BM 117-38B
1 +	176	142	477 5	196 156 40	104	700	405 5	124 84 40	BM 117-38 A
								40	170TH ST W & AVE D (STATE 138)
								80	N.E. COR
									F.B. 2870-47
-	104	700							
+	71	442							
									T RODRIGUEZ
BM 117-38B									BM 117-38 B
									170TH ST W & AVE D (STATE 138)
									N.W. COR
									F.B. 3726-106

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

SURVEY BY R.L. STRADER WEATHER CLEAR & CALM INST. NO. 752 34

NOTES BY PETERSON DATE 27 SEP 72 TIME 13:05 - 13:18 ROD NO. 239 AB

INDEXED G.D. BAILEY DATE OCT 5 72 NOTES CHKD. R. M. DATE 27 NOV 72

T=84°

F.B. 4130 PG. 141

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 142 | JOB NO. 03 01.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 3-OCT. '72

INDEXED G.D. BAILEY DATE

WEATHER CLOUDY & CALM INST. NO. 75234

TIME 11:40 ROD NO. 2137 A-B

NOTES CHKD. I R M DATE 27 NOV '72

T = 70

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 117-38B TO B.M. 117-38A
B.M. 117-38B													B.M. 117-38 B 170 TH. ST. W. & AVE. "D" (HWY #138) N.W. COR. F.B. 3726-106
1	102	229	463	5	122 82	40	173	652	474	5	193 153	40 40	T = RODRIGUEZ
B.M. 117-38A							102 -71	229 423				80	B.M 117-38 A 170TH. ST. W. & AVE. "D" (HWY #138) N.E. COR. F.B 2870-47

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRAYER
NOTES BY PETERSON DATE 27 SEP 72 WEATHER CLDY & CALM INST. NO. 75234
TIME 1310 1345 ROD NO. 2130AB
INDEXED G.D. BAILEY DATE OCT 6 '72 NOTES CHKD R.M. DATE 27 NOV 72
F.B. 4130 PG. 143

T=84

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM 117-38B											FROM BM 117-38B TO BM 117-39
1	187	470	488	5	216 158 58	97	081	398	5	124 70 54	BM 117-38B 170TH ST W. & AVE D (STATE 138) N.W. COR. F.B.
2	202	961	503	5	230 174 56 114	105	850	406	5	135 75 60 114	
3	223	370	524	5	252 194 58 172	102	340	403	5	131 73 58 172	
4	207	632	508	5	233 181 52 224	104	569	405	5	130 78 52 224	T RODRIGDEZ
5	193	490	494	5	218 168 50 274	82	600	383	5	108 56 52 276	
6	199	320	500	5	226 172 54 328	111	672	412	5	138 84 54 330	
7	186	049	487	5	212 160 52 380	64	890	365	5	89 39 50 380	
+	1400	292				669	002			380	
−	669	002								380	
+	731	290								760	
BM 117-39											BM 117-39 AVE 'D' (STATE 138) ABOUT 0.5 MI W. OF 170TH ST. W. NORTH SIDE FB. 2870-48

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4130 PG. 144 | JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE 3-OCT. '72

INDEXED G.D. BAILEY DATE

WEATHER CLOUDY & CRISP INST. NO. 75-234

TIME 11:00 - 11:35 ROD NO. 2139A-B

NOTES CHKD. L. R. M. DATE 27 NOV 72

T = 680

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 117-39 TO B.M. 117-38.B
B.M. 117-39					96						222		B.M. 117-39
1	72	940	373	5	48	48	198	712	499	5	174	48	AVE. "D" (HWY # 138) ABOUT 0.5
					162						241		MI. W. OF 170TH ST. W.
2	132	178	433	5	102	60	211	308	512	5	181	60	F.B. 2870-48 NORTH SIDE
					110	108					227	108	
3	80	720	381	5	50	60	197	596	498	5	167	60	
					124	168					254	168	
4	95	870	396	5	66	58	223	488	524	5	192	62	
					135	226					228.2	30	T = RODRIGUEZ
5	110	828	411	5	85	50	205	330	506	5	182	46	
					137	276					229	276	
6	112	203	413	5	87	50	204	430	505	5	179	50	
					142	326					231	326	
7	120	278	421	5	98	44	208	728	509	5	185	46	
					144	370					150	372	
8	137	529	438	5	130	14	144	198	445	5	138	12	
+	862	546				384	1593	784				384	
B.M. 117-38B							+ 862	546				384	B.M. 117-38 B
							− 731	238				768	170TH. ST. W. & AVE. "D" (STATE HWY # 138) NORTH SIDE
													F.B

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM 117-39	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 117-39 TO BM 117-39A
1	156	078	457 5	148 144 24	187	872	488 5	199 175 24	BM 117-39 AVE D (STATE 138) ABOUT 0.5 MI. W. OF 170TH ST. W. NORTH SIDE F.B. 2870-48
				+	156	078		24 48	
				-	31	794			
B.M. 117-39A									BM 117-39 A AVE D (STATE 138) ABOUT 0.53 MI W. OF 170TH ST. W NORTH SIDE F.B. 2870-48

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

SURVEY BY R. L. STRADER

NOTES BY R. L. PETERSON DATE 27 SEP 72 WEATHER CLEAR & CALM INST. NO. 75234

INDEXED G. D. BAILEY DATE OCT 6 72 TIME 1345 ROD NO. 03343

NOTES CHKD L. R. M. DATE 29 NOV 72

F.B. 4130 PG. 45

7-84

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4130 Pg. 146 | JOB NO. 0301.02 | SURVEY OF L.A. Co. PRECISE LEVEL NET | SURVEY BY STRADER NOTES ANDERSON DATE 3-OCT '72 | INDEXED G. D. BAILEY DATE

WEATHER CLOUDY & CALM | TIME 10:55 | NOTES CHKD. T. R. M. | DATE 27 NOV '72 | ROD NO. 2 | INST. NO. 76-87

T = 68°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 117-39A TO B.M. 117-39
B.M. 117-39A									B.M. 117-39A AVE. "D" (ST. Hwy #138) ABOUT 0.53 MI. W. OF 170TH. ST. W. F.B. 2870-48 NORTH SIDE
1	192	009	493	5 204 180	160	232	46	5 172 148	T = RODRIGUEZ
								24 24 48	
B.M. 117-39	160	232							B.M. 117-39 AVE. "D" (Hwy #138) ABOUT 0.5 MI. W. OF 170TH. ST. W. - NORTH SIDE F.B. 2870-48
+	31	777							

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM117-39A TO BM117-40A
BM117-39A									
1	239	692	548 S	258 220 38	119	~~300~~ 900	420 S	137 101 36	BM 117-39A
2	189	~~542~~ 470	490 S	216 162 54 92	110	170	411 S	138 82 56 92	AVE D (STATE 138) ABOUT 0.53 MI W. OF 170TH ST. W. NORTH SIDE
3	190	~~540~~ 500	491 S	213 167 46 138	90	628	391 S	120 60 60 152	F.B. 2870-48
4	178	562	479 S	206 150 56 194	115	450	416 S	138 92 46 198	
5	169	200	470 S	194 144 50 244	138	440	439 S	163 113 50 248	T RODRIGUEZ
6	186	172	487 S	210 162 48 292	110	082	411 S	134 86 48 296	
7	193	321	494 S	218 168 50 342	88	250	389 S	114 62 52 348	
8	167	488	468 S	182 152 30 372	159	719	460 S	171 147 24 372	
	+ 1514	405			932	639		372	
	− 932	639						744	
	+ 581	766							
BM117-40A									BM117-40A AVE D (STATE 138) ABOUT 1.0 MI W. OF 170TH ST. W. NORTH SIDE F.B. 2870-49

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.H. STRADER
NOTES BY PETERSON DATE 27 SEPT 72 WEATHER CLEAR & CALM INST. NO. 75234
INDEXED G.D. BAILEY DATE 6 72 TIME 13:50 - 14:35 ROD NO. 21944
NOTES CHKD L.R.M. DATE 27 NOV 72

TE 86

F.B. 4130 PG. 147

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 148 | JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY STRAPER NOTES ANDERSON DATE: 3-Oct-'72

INDEXED G.D. BAILEY DATE

NOTES CHKD L.D.M. DATE 27 NOV '72

WEATHER CLOUDY & CALM INST. NO. 75284

TIME 10:20 - 10:50 ROD NO. 2139 A-6

1 = 66'

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 117-40A TO B.M. 117-39A
B.M. 117-40A					174						267		B.M. 117-40A
1	142	230	443	5	142	64	235	590	536	5	203	64	AVE. "D" (HWY #138) &
					125						224		180TH. ST. W. NORTH SIDE
2	96	618	397	5	67	58	193	290	494	5	162	62	F.B. 2870-49
					177	122					212	126	
3	147	092	448	5	117	60	184	271	485	5	156	56	
					156	182					230	182	
4	126	840	427	5	96	60	200	088	501	5	170	60	T = RODRIGUEZ
					134	242					240	242	
5	106	802	407	5	78	56	212	908	513	5	184	56	
					142	298					229	298	
6	113	509	414	5	84	58	200	051	501	5	171	58	
					146	356					235	356	
7	136	508	437	5	126	20	225	268	526	5	215	20	
+	869	599				376	1451	466				376	
B.M. 117-39A							+ 869	599				376	B.M. 117-39A
							− 581	867				752	AVE. "D" (HWY #138) ABOUT 0.53 MI. W. OF 170TH ST. W. NORTH SIDE
													F.B. 2870-48

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM117-40A									FROM BM117-40A TO BM117-40
1	186	852	487	5 206 166 40	9D 992	391	5	110 70 40	BM117-40A AVE D (STATE 138) ABOUT 1.0MI W. OF 170TH ST. W N. SIDE F.B. 2870-49
−	90992							40	
+	95860							80	
									T RODRIGUEZ
BM117-40									BM 117-40 AVE D (STATE 138) ABOUT 1.0 MI W OF 170TH ST. W NORTH SIDE F.B. 2870-49

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

SURVEY BY R.L. STRADER

NOTES BY PETERSON DATE 27 SEP 72 WEATHER CLEAR TIME 14:40 INST. NO. 75234

INDEXED G. D. BAILEY DATE OCT 6 72 NOTES CHKD L. R. M. ROD NO. 21392 DATE 27 NOV 72

T-84

F.B. 4130 PG. 49

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 150 | JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 12-OCT. '72

INDEXED G. D. BAILEY DATE

WEATHER CLEAR & WINDY INST. NO. 75284

TIME 14:50 ROD NO. 2139 A-B DATE 27 NOV '72

NOTES CHKD. L. R. M.

T = 74°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 117-40 TO B.M. 117-40A
B.M. 117-40													B.M. 117-40 AVE. "D" (HWY #138), ABOUT 1.0 MI. W. OF 170TH ST. W. NORTH SIDE. F.B. 2870-49 T = RODRIGUEZ
1	99	449	400	5	119 79	40	195	371	496	5	215 175	40 40 80	
							99	449					
B.M. 117-40A							-95	922					B.M. 117-40A AVE. "D" (HWY #138) ABOUT 1.0 MI. W. OF 170TH ST. W. - NORTH SIDE F.B. 2870-49

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY L.U. STUDER DATE 29 SEPT 72 WEATHER OVERCAST INST. NO. 25234
NOTES BY RODRIGUEZ TIME 9:20 - 9:50 ROD NO. 2-3118
INDEXED G.D. BAILEY DATE OCT 6 72 NOTES CHKD. I. R. M. DATE NOV 72
T=74°
F.B. 4130 PG. 151

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM117-40	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM117-40 TO BM117-41A
1	167	840	468	5	196 138	58	82	606	383	5	111 53	58	BM 117-40
													AV "D" (State Hwy 138)
2	213	760	514	5	243 183	60	114	217	417	5	146 86	60	1.0 mi W. of 170TH ST W.
						118						118	No Slope
3	187	652	488	5	218 156	62	152	462	453	5	183 121	62	FB 2870-49
						180						180	
4	186	420	487	5	217 155	62	107	327	408	5	137 77	60	T Peterson
						242						240	
5	224	648	525	5	254 194	60	66	078	367	5	97 35	62	
						302						302	
	195	878	496	5	213 177	36	128	406	429	5	146 110	36	
+	1176	198				338	653	096				338	
−	653	096										338	
BM117-41A +	523	102										676	BM 117-41A
													AV "D" 1.5 mi W. of 170TH ST
													W. No. of ℄
													FB 2870-50

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4130 Pg. 152 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Stadder NOTES Rodriguez 2-Oct-72

INDEXED G. D. BAILEY DATE

WEATHER Clear-Windy INST. No 25231

TIME 14:05-14:45 ROD No 2139 AA

NOTES CHKD L. R. M. DATE 29 NOV 72

T = 74°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM117-41A													From BM117-41A To BM117-40
1	127	886	428	5	146 108	38	211	681	512	5	231 191	40	BM117-41A
													AV "D" 1.5 mi W of 170th St
2	84	387	385	5	114 54	60	215	772	516	5	244 186	58	W. No of ℄
						98						98	FB 2870-50
3	99	168	400	5	128 70	58	188	882 ~~923~~	489	5	218 158	60	
						156						158	T Peterson
4	155	214	456	5	185 125	60	166	753	467	5	196 136	60	
						216						218	
5	100	811	401	5	157 71	58	202	336	503	5	231 173	58	
						274						276	
6	97	021	398	5	124 70	54	204	433	505	5	231 177	54	
						328						330	
7	138	258	439	5	144 132	12	135	878	436	5	141 129	12	
	+ 802	745				340	1325	735				342	
							+ 802	745				340	
BM117-40							− 522	990				682	BM117-40
													AV "D" (State Hwy 138)
													1.0 mi W. of 170th St W.
													No. Side
													FB 2870-49

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM117-41A													FROM BM117-41A TO BM117-41
1	162	343	463	5	180 144	36	127	472	428	5	146 108	38	BM117-41A
													AV "D" 1.5 MI W. OF 170TH
2	185	308	486	5	207 163	44	142	152	443	5	163 121	42	ST W. NO OF E
+	347	651				80	269	624				80	FB. 2870-50
−	269	624										80	
+	78	027										160	T PETERSON
BM117-41													
													BM117-41
													AV "D" 1.5 MI W. OF 170TH ST
													W. 135 yds W of Weevill
													INN. SO. SIDE
													FB. 2870-50

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY TZ ODIZ 9 QEZ STLader DATE 29 Sept 72 WEATHER overcast TIME 9:50-10:00 INST. NO 75234
NOTES BY G.D. BAILEY DATE OCT 6 72 NOTES CHKD L. R. M. DATE 27 NOV 72 ROD NO 21391HG
INDEXED

T = 74°

F.B. 4130 PG. 153

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Clear - Windy INST. NO. 75234
TIME 1:55 - 2:00 ROD NO. 213946
NOTES CHKD 1' R.M. DATE 27 NOV 72

T = 74°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM117-41	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM117-41 TO BM117-41A
1	117	638	418	5	128 106 22		147	834 448 5	158 136 22 BM117-41
									AV "D" 1.5 mi W. of 170TH ST
2	137 ~~12~~	672	432	5	160 102 58		179	458 480 5	208 150 58 W. 135 yds W. of Weevil
	+ 249	310			80		327	292	80 INN. SO SIDE
						+	249	310	80 FB 2870-50
						—	77	982	160
									T. PETERSON
BM117-41A									BM117-41A
									AV "D" 1.5 M W. of 170TH ST
									W. No of ℄
									FB 2870-50

F.B. 4130 Pg. 154 JOB NO. 030102
SURVEY OF L.A. CO. Precise Level Net
SURVEY BY Stanley NOTES Rodriguez 1-OCT-72
INDEXED G.D. BAILEY DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY STRADER
NOTES BY R. OLIVEQUER DATE 29 SEPT. 72 WEATHER COMMOVERCAST INST. NO. 75234
INDEXED G. D. BAILEY DATE OCT 6 72 TIME 10:00-10:40 ROD NO. 21391148
NOTES CHKD. L. R. M. DATE 21 NOV 72
T = 7920
F.B. 4130 PG. 155

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM117-41													FROM BM117-41 TO BM117-42
1	159	943	460	5	188 130	58	70	513	371	5	100 40	60	BM117-41
													AV "D" 1.5 MI. W. 170TH ST
2	194	798	500	5	230 168	62	108	435	409	5	139 77	62	W. 135 yds W. of Weewill
						120						122	TNN. 50. 50 E
3	204	066	505	5	234 174	60	101	548	402	5	130 72	58	FB 2870-50
						180						180	
4	175	796	476	5	204 146	58	133	762	434	5	163 103	60	T. Peterson
						238						240	
5	222	500	523	5	251 193	58	77	184	378	5	106 48	58	
						296						298	
	204	943	505	5	230 178	52	148	210	449	5	174 122	52	
						348						350	
7	158	357	459	5	164 152	12	126	487	427	5	132 120	12	
	+ 1325403					360	- 766139					362	
	- 766139											360	
BM117-42	+ 559264											722	BM117-42
													AVE. "D" & 190TH ST. WEST
													SE. COR.
													F.B. 2870-51

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. 4130 PG. 156 JOB NO. 0301.02

SURVEY OF LA CO. PRECISE LEVEL NET

SURVEY BY Strader NOTES R.D. Delgado DATE

INDEXED G. D. BAILEY

WEATHER Clear - Wind T = 72° (LT) INST. NO. 25234

TIME 1:10 - 1:55 ROD NO. 21394 27 NOV '72

NOTES CHKD. L.R.M.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM117-42									FROM BM117-42 TO BM117-41
1	121	842	422 5	139 103 36	159	885	460 5	176 142 34	BM117-42
									AV "D" 190TH ST W. SE-COR
2	88	855	389 5	117 59 58	225	088	526 5	254 196 58	FB 2870-51
				94				92	
3	95	920	396 5	124 66 58	178	736	479 5	201 149 58	K PETERSON
				152				150	
4	136	064	437 5	165 107 58	199	522	500 5	228 170 58	
				210				208	
5	99	255	400 5	128 70 58	197	861	498 5	228 166 62	
				268				270	
6	105	751	406 5	134 76 58	230	422 ~~463~~	531 5	257 203 54	
				326				324	
7	119	731	420 5	136 102 34	135	264	436 ~~426~~ 5	153 117 36	
	+ 767	418		360	1326	778		360	
					+ 767	418		360	
BM117-41					− 559	360		720	BM117-41
									AV "D" 1.5 MI W. OF 170TH ST
									W. ~~no~~ ~~of~~ 135 yds W. OF
									WEEVIL INN SO. SIDE
									FB 2870-50

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. L. STRADER
NOTES BY RODRIGUEZ DATE 29 SEP 72
WEATHER HIGH CLOUDS & CALM INST. NO 25234
TIME 1045-1055 ROD NO 21394A
INDEXED G. D. BAILEY DATE OCT 6 72
NOTES CHKD I R M DATE 27 NOV 72
F.B. 4130 PG. 157

T=78

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM117-42									FROM BM117-42 TO BM117-42A
1	128	980	429 5	138 118 20	146	153	447 5	156 136 20	BM117-42
									AVE D & 190TH ST. W. S.E. COR
2	155	348	456 5	167 143 24	128	142	429 5	141 115 26	F.B. 2870-51
+	284	328		44	274	295		46	
-	274	295						44	X PETERSON
+	10	033						90	
BM 117-42A									BM117-42A
									AVE D & 190TH ST. W. APPROX
									200' W & 45' N & INT
									F.B. 2870-51 (LA. CO. RD. OFF)

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.

F.B. 4130 PG. 158 JOB NO. 0301-08
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Stradley NOTES Rodriguez-1-OCT-72
INDEXED G. D. BAILEY DATE

WEATHER Clear-Calm TIME 1:00 PM-1:10 NOTES CHKD. I. R. M.
INST. NO. 75234 ROD NO. 213943 DATE 27 NOV '72

TE >2°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B17117-42A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B17117-42A TO B17117-42
1	126	192	427	5	139 113	26	143	956	444	5	156 130	26	B17117-42A AV "D" & 190TH ST W.
2	142	498	443	5	158 133	18	134	804	435	5	143 125	18	APPROX 200' & 45' N of E.
	+ 268	690				44	278	760				44	FB 2870-51
							+ 268	690				44	
						—	10	070				88	T PETERSON
B17117-42													B17117-42 AV "D" 190TH ST W S.E. COR FB 2870-51

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON DATE 29 SEP 72 TIME 11:00-11:40 WEATHER HIGH CLOUDS & CALM
INDEXED G.D. BAILEY DATE OCT 6 72 NOTES CHKD L.R.M. DATE 27 NOV 72
ROD NO. 2139A,B INST. NO. 75231
F.B. 4130 PG. 159
T-78

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM 117-42A									FROM BM 117-42A TO BM 117-43
1	125	982	426 5	140 110 30	157	462	458 5	172 142 30	BM 117-42A AVE 'D' & 190TH ST W, APPROX 200' W & 45' N ℄ INT F.B. 2870-51 (L.A. CO. RD DEP)
2	218	978	519 5	246 190 56 86	65	902	366 5	93 37 56 86	
3	170	230	471 5	201 139 62 148	122	443	423 5	152 92 60 148	
4	167	107	468 5	195 139 56 204	96	150	397 5	125 67 58 204	T ANDERSON
5	187	232	488 5	217 157 60 264	86	942	387 5	115 57 58 262	
6	187	718	488 5	216 158 58 322	80	542	381 5	109 51 58 320	
7	183	518	484 5	213 153 60 382	66	268	367 5	96 36 60 380	
8	210	183	511 5	241 179 62 444	67	053	368 5	99 35 64 444	
9	143	448	444 5	148 138 10 454	91	728	392 5	96 86 10 454	
+	1594396				834490			454	
−	834490							908	BM 117-43 190TH ST. W. ABOUT 0.5 MI SO. OF AVE 'D', 28.5' E OF APPROX ℄ OF 190TH ST. F.B. 2870-52
BM 117-43	759906								

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Do not extend notes this side of this line.

F.B. 4130 PG. 160 JOB NO. 030102

SURVEY OF L.A.CO. PROJECT LEVELNET

SURVEY BY R.L.S. NOTES PETERSON 20 OCT 72

INDEXED G.D. BAILEY DATE

T=70

WEATHER CLEAR 60 TEMP. 40 BAROMETER INST. NO. 75234

TIME 11:15-11:55 ROD NO. 2189 A6

NOTES CHKD L.R.M. DATE 27 NOV 72

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM 117-43													From BM 117-43 To BM 117-42A
1	58	778	359	5	72 / 44	28	157	272	458	5	169 / 145	24	BM 117-43
2	59	668	360	5	90 / 28	62	215	599	516	5	246 / 184	62	190TH ST. W. ABOUT 0.5 MI SO. OF AVE 'D', 28.5' E. OF APPROX ℄ OF 190TH ST.
						90						86	
3	90	088	391	5	119 / 61	58	186	300	487	5	217 / 155	62	F.B. 2870-52
						148						148	
4	71	160	372	5	102 / 40	62	189	418	490	5	221 / 157	64	
						210						212	
5	87	363	388	5	117 / 57	60	180	852	481	5	210 / 150	60	T ANDERSON
						270						272	
6	110	262	411	5	139 / 81	58	148	942	449	5	177 / 119	58	
						328						330	
7	104	430	405	5	134 / 74	60	202	698 ~~762~~	503	5	231 / 173	58	
						388						388	
8	48	300	349	5	80 / 16	64	108	695	409	5	140 / 76	64	
	+ 630	049				452	1389	776				452	
							+ 630	049				452	
							- 759	727				904	
BM 117-42A													BM 117-42A 190TH ST. W. & AVE 'D' APPROX 200' W & 45' N ℄ INT (L.A.CO. ROAD DEPT) F.B. 2870-51

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 Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM 117-43									FROM BM 117-43 TO BM 117-44A
1	136	685	437	5	98	828	399	5	BM 117-43
				162 / 110 52				124 / 72 52	190TH ST. W ABOUT 0.5 MI S
2	196	138	497	5	78	648	379	5	OF AVE 'D' 28.5 E OF APPROX &
				226 / 166 60 / 112				108 / 48 60 / 112	OF 190TH. ST.
3	194	552	495	5	72	318	373	5	F.B. 2870-52
				223 / 165 58 / 170				100 / 44 56 / 168	
4	205	922	506	5	70	619	371	5	
				234 / 176 58 / 228				99 / 41 58 / 226	
5	202	740	503	5	74	406	375	5	
				231 / 173 58 / 286				103 / 45 58 / 284	T ANDERSON
6	191	808	492	5	77	860	378	5	
				221 / 161 60 / 346				107 / 47 60 / 344	
7	168	132	469	5	66	455	367	5	
				182 / 154 28 / 374				81 / 51 30 / 374	
+	1295977				539134			374 / 748	
−	539134								
+	756843								
BM 117-44A									BM 117-44A 190TH ST W. & AVE 'E' N.E. COR. F.B. 3726-120

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. L. STRADER
NOTES BY PETERSON DATE 29 SEP 72 WEATHER CLOUDY & CALM INST. NO. 75234
TIME 12:55-13:20 ROD NO 2139 AC
INDEXED G. D. BAILEY DATE 03 6 72 NOTES CHKD L. R. M. DATE 27 NOV 72
F.B. 4130 PG. 161
T=80

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 162 JOB NO. 0301.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 20 OCT 72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR & CALM INST. NO. 75234

TIME 10:45-11:15 ROD NO. 2134 A&B

NOTES CHKD. J. P. M. DATE 27 NOV 72

1=70

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT	STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT	STADIA		DESCRIPTION AND REMARKS
BM117-44A													FROM BM117-44A TO BM117-43
1	61	212	362	5	79 / 21	36	181	621	482	5	200 / 162	38	BM117-44A 190TH ST. W. & AVE N. E. COR
2	82	347	383	5	114 / 50	64	207	888	508	5	239 / 175	64	FB. 3726-120
						100						102	
3	78	034	379	5	108 / 48	60	213	200	514	5	243 / 183	60	
						160						162	
4	69	768	370	5	100 / 38	62	208	753	509	5	239 / 177	62	ANDERSON
						222						224	
5	74	988	375	5	104 / 44	60	196	162	497	5	225 / 167	58	
						282						282	
6	81	312	382	5	110 / 52	58	183	105	484	5	212 / 154	58	
						340						340	
7	106	698	407	5	123 / 89	34	120	534	421	5	137 / 103	34	
+	554	359				374	-131	263				374	
							+ 554	359				374	
							- 756	904				748	
BM117-43													BM117-43 190TH ST. W. ABOUT 0.5 MI So OF AVE 'D', 28.6' E OF APPROX ℄ OF 190TH ST. FB. 2870-52

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

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

SURVEY BY P.L. STRADER DATE 29-SEPT. 72 WEATHER CLOUDY & CALM INST. NO. 75234

NOTES BY R. ANDERSON TIME 13:25 - 13:50 ROD NO. 21394

INDEXED G. D. BAILEY DATE 6 72 NOTES CHKD. J. R. M. DATE

T = 80° F.B. 4130 PG. 163

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	
B.M. 117-44A												
B.M.					212						118	
1	177	392	478	5	142	70	83	321	384	5	48	70
					272						133	
2	236	311	537	5	200	72	97	171	398	5	61	72
					262	142					125	142
3	227	290	528	5	192	70	90	540	391	5	55	70
					249	212					132	212
4	213	751	514	5	177	72	95	302	396	5	58	74
					253	284					133	286
5	217	852	518	5	181	72	96	622	397	5	59	74
					295	356					108	360
6	295	460	596	5	261 1/2	68	77	560	378	5	46	62
	+ 1368	056				424	540	516				422
B.M. 117-45	- 540	516										424
	+ 827	540										846

FROM B.M. 117-44A TO B.M. 117-45

B.M. 117-44 A
190 TH. ST. W. & AVE. "E"
N.E. COR.
F.B. 3726-120

T = RODRIGUEZ

B.M. 117-45
190TH. ST. W. 1.5 MILES
SO OF AVE. "D", W. SIDE,
F.B. 2870-54

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. 4130 PG. 164 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET WEATHER CLEAR & CALM INST. NO. 75237

SURVEY BY STRAHER NOTES AUDERSON DATE: 2-OCT.'72 TIME 10:10-10:40 ROD NO. 2139A-8

INDEXED G.D. BAILEY DATE NOTES CHKD. L.R.M. DATE 27 NOV '72

T. = 70°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 117-45 TO B.M. 117-44A
B.M. 117-45									B.M. 117-45
1	29	260	330 5	60 29 1/2 62	246	880	547 5	278 214 64	190TH. ST. W., 1.5 mi.
2	100	241	401 5	137 63 74	216	340	517 5	254 178 76	SOUTH OF AVE. "D"
3	95	272	396 5	130 136 60 70	207	080	508 5	241 140 173 68	F.B. 2870-54 W. SIDE
4	89	562	390 5	124 206 54 70	229	610	530 5	266 208 192 74	
5	95	200	396 5	130 276 60 70	220	880	521 5	252 282 188 64	T = RODRIGUEZ
6	81	062	382 5	115 346 47 68	227	240	528 5	261 346 193 68	
7	166	740	467 5	172 414 160 12	136	700	437 5	142 414 130 12	
	+ 657	337		426	1484	730		426	
B.M. 117-44A				+	657	337		426	B.M. 117-44A
				−	827	393		852	190TH. ST. W. & AVE. "E"
									F.B. 3726-120 N.E. COR.

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 117-45 TO B.M. 102-~~45~~ 46
B.M. 117-45					223						166		B.M. 117-45
1	186	958	487	5	149	74	130	170	431	5	94	72	190TH ST. W., ABOUT 1.5 MI.
					260						135		SOUTH OF AVE "D" W. SIDE
2	225	730	526	5	190	70	100	580	401	5	65	70	F.B 2870-54
					240	144					139	142	
3	206	862	507	5	172	68	105	651	406	5	72	66	
					246	212					142	208	
4	211	910	512	5	176	70	105	808	406	5	68	74	
					251	282					140	282	
5	216	592	517	5	181	70	105	562	406	5	70	70	T = RODRIGUEZ
					242	352					106	352	
6	230	062	531	5	218	24	94	979	395	5	82	24	
+	1278114					376	642750					376	
B.M. 102-46	642750											376	B.M. 102-46
+	635364											752	190TH ST. W. & AVE. E-15
													F.B 2412-50 W. SIDE

T = 800

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

SURVEY BY R. L. STRADER

NOTES BY R. BRUNDERSON DATE 8-SEPT. 1972 TIME 13:50 - 14:15 WEATHER CLOUDY & CALM INST. NO. 75284

INDEXED G.D. BAILEY DATE 07 6 72 NOTES CHKD L. R. M. DATE 27 NOV 72 ROD NO. 2139 A-B

F.B. 4130 PG. 165

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4130 PG. 166 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY STRADE NOTES ANDERSON DATE 2-0 CT. '72

INDEXED G.D. BAILEY DATE

T. = 64°

WEATHER CLEAR & WIND INST. NO. 75234

TIME 09:35-10:05 ROD NO. 21-39-A

NOTES CHKD L.R.M. DATE 27 NOV '72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-46 TO B.M. 117-45
B.M. 102-46				85				278	B.M. 102-46
1	57	300	358 5	29 56	249	110	550 5	220 58	190TH. ST. W. & AVE. E-15
				142				245	F.B. 2412-50 W. SIDE
2	106	120	407 5	70 72	210	460	511 5	175 70	
				131 128				232 128	
3	94	870	395 5	57 74	199	150	500 5	166 66	
				144 202		510		261 194	
4	110	460	411 5	76 68	229	~~610~~	525 5	187 74	
				119 270				252 268	
5	82	420	383 5	45 74	214	090	515 5	176 76	T = RODRIGUEZ
				132 344				121 344	
6	112	530	413 5	92 40	101	431	402 5	81 40	
+	563	700		384	1198	751		384	
B.M. 117-45					+ 563	700		384	B.M. 117-45
					= 635	051		768	190TH. ST. W. 1.5 mi.
									SOUTH OF AVE. 'D' (WEST SIDE)
									F.B. 2870-54

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER DATE 3 OCT 72 WEATHER OVERCAST & CALM INST. NO. 75234
NOTES BY PETERSON TIME 14:10 - 14:45 ROD NO. 21344B
INDEXED G.D. BAILEY DATE 17 6 72 NOTES CHKD T.R.M. DATE 27 NOV 72
F.B. 4130 PG. 167
T=70

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM117-45													FROM BM 117-45 TO BM 102-46
1	97	442	398	5	121 / 73	48	90	892	391	5	113 / 67	46	BM 117-45
													190TH ST. W. ABOUT 1.5MI SO
2	179	600	480	5	206 / 152	54	76	560 ~~613~~	377	5	103 / 49	54	OF AVE 'D' WEST SIDE
						102						100	FB. 2870-54
3	193 ~~194~~	812	494	5	221 / 165	56	98	148	399	5	125 / 68	60	
						158						160	
4	179	130	480	5	208 / 150	58	95	642 ~~680~~	396	5	125 / 66	60	
						216						220	TT ANDERSON
5	171	795	472	5	197 / 145	52	93	952	394	5	117 / 69	48	
						268						268	
6	171	282	472	5	196 / 146	50	100	722	401	5	125 / 75	50	
						318						318	RE RUN
7	187	527	488	5	220 / 154	66	63	415	364	5	(1/3) 95 / 63	64	
						384						382	
8	191	101	492	5	196 / 186	10	116	787	417	5	121 / 111	10	
+	1371	689				394	736	118				392	
−	736	118										394	
+	635	571										786	
BM102-46													BM 102-46
													190TH ST. W & AVE E-15
													F.B. 2412-50

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Do not extend notes this side of this line.

F.B. 4130 PG. 168 JOB NO. 030102

SURVEY OF L.A.Co. PRECISE LEVELNET

SURVEY BY R.L.S. NOTES PETERSON 30CT72

INDEXED G.D. BAILEY DATE

WEATHER PUDDLE AST & CALM INST. NO. 75239

TIME 1315-1355 ROD NO. 2139AC

NOTES CHKD L.R.M. DATE 27 NOV 72

T=68°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
Bm 102-46	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM Bm 102-46 TO Bm 117-45
1	78	515	379	5	102 54	48	246	477	547	5	269 223	46	Bm 102-46
													190 TH ST. W. & AVE B-15
2	96	145	397	5	126 66	60	187	021	488	5	217 157	60	FB 2412-50 WEST SIDE
						108						106	
3	91	180	392	5	122 60	62	192	~~256~~ 230	493	5	224 160	64	
						170						170	
4	106	612	407	5	136 76	60	184	275	485	5	214 154	60	T ANDERSON
						230						230	
5	89	817	390	5	118 60	58	195	644	496	5	226 164	62	
						288						292	
6	83	~~512~~ 590	384	5	112 54	58	185	828	486	5	213 157	56	RE RUN
						346						348	
7	95	638	396	5	115 75	40	85	660	386	5	105 65	40	
	+641	477				386	-1277	135				388	
							+641	477				386	
							-635	658				774	

B.M. ~~102-45~~ 117-45

117-45
~~B.M. 102-45~~
190TH ST. W. 1½ MILES SO. OF AVE. "D", W. SIDE OF ROAD
F.B. 2870-54

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Rodriguez DATE 7-Sept-72 WEATHER Clear/Hot INST. NO. 76234
NOTES BY STRader TIME 11:35 ROD NO. 213948
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD. DATE
T = 88°
F.B. 4130 PG. 169

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS (From ___ To ___)
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	145	253	446	5 150 140 10	136	292	437	5 166 106 60	60 M- 10 M=50 M-0.10 mm
2	155	882	456	5 160 150 10	164	782	465	5 194 134 60	60 M- 10 M=50 M=0.20 mm
	301	13.5		20	301	074		120	
	301	034						-20	
	+~~301~~	.101			-0.40mm			100	Curvature Corr.=0.40 mm
					301	034			
					-				T PETERSON
	+	0.01		mm= "C"					
	100	1.01							
								mm= "C"	

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4130 PG. 170 JOB NO. 0301.02 T = 86°
SURVEY OF L.A. Co. PRECISE LEVEL NET SEPT 8, 72 WEATHER CLEAR-CALM INST. NO. 75231
SURVEY BY R.L.S. NOTES R.L. STRADER TIME 11:45 ROD NO. 2391A
INDEXED G.D. BAILEY DATE NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	152	032	4535	157 147 10	162	456	463	5 192 132 60	60m - 10m = 50m = 20mm
2	151	332	452 5	156 146 10	140	976	441	5 170 110 60	60m - 10m = 50m = 20mm
	+ 303	364		20	303	432		120 -20 100	
					- 0.40mm				
					- 303	392			CUR CORR 0.40mm
					+ 303	364			
					-	0.028			
									T. PETERSON
					-	.002			
				100	0.280				

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R. L. STRADER NOTES BY R. ANDERSON DATE 11-SEPT.'72 WEATHER CLEAR & WINDY INST. NO 252339

INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD DATE TIME 14:10 ROD NO 2139 B.B.

T = 78°

F.B. 4130 PG. 171

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From To
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	153	859	454	5 158 148 16	150	602	451	5 180 120 60	60 M- 50 M= 50 M-0.20 mm
2	152	111	453	5 157 147 10	155	443	456	5 185 125 60	60 M- 10 M= 50 M=0.20 mm
	305	970		20	306	045		120	
								20	
	+				-0.40 mm			100	Curvature Corr.=0.40 mm
					306	005			
					305	970			
					-	035			
									T = STRADER
				mm= "C"					
	/								
					-	0.003		mm= "C"	
					100 /	0.350			

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4130 PG. 172 JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L.S. NOTES PETERSON 12 SEP 72
INDEXED G.D. BAILEY DATE
WEATHER CLEAR & CALM INST. NO. 75234
TIME 09:20 ROD NO. 2139A
NOTES CHKD DATE
T-66

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
				DETERMINATION OF "C"					
	NEAR ROD				FAR ROD				
1	143382	444	5	148 / 138 10	147273	448	5	177 / 117 60	60 M ~ 10 M ~ 50 M ~ 0.20 MM
2	132986	433	5	137 / 127 10	129312	430	5	159 / 99 60	60 M ~ 10 M ~ 50 M ~ 0.20 MM
	276368			20	276585			120	
								−20	
								100	CURR. CORRECTION = 0.40 MM
					−0.140 MM				
					276545				T ANDERSON
					276368				
					177				

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER WEATHER CLEAR-CALM INST. No. 75234
NOTES BY R.L.S. DATE SEPT. 13, '72 TIME 9:05 ROD No. 239 AB
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD DATE
F.B. 4130 PG. 173
T= 66°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS (FROM ___ TO ___)
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	141	747	442 5	146 136 10	133	842	434 5	163 103 60	60 M- 10 M= 50 M-0.20 mm
2	157	266	458 5	162 152 10	165	440	466 5	195 135 60	60 M- 10 M= 50 M=0.20 mm
	299	013		20	299	282		120	
								-20	
	+				-0.40mm			100	Curvature Corr.=0.40 mm
					299	242			
					299	013			
					- 0	229			
									T. T. PETERSON
				mm= "C"					
	/								
					— .022 mm= "C"				
					100/	229			

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. 4130 PG. 174 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RJS NOTES DETERSON 1/25/72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR & CALM INST. NO. 75234

TIME 13:05 ROD NO. 2139 NO

NOTES CHKD DATE

T=88°

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From ___ To ___
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	146	290	447	5 151 141 10	170	072	471	5 200 110 60	60 M-10 M=50M =0.20 MM
2	134	192	435	5 139 129 10	110	382	411	5 140 80 60	60 M-10 M=50 M =0.20 MM
	+280482			20	280	454		120	
	-280414							-20	CORR 0.40 MM
	+ 068				-0.40 MM			100	
					280	414			
									T ANDERSON
	.007								
	100 | 0.68								

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY R. PETERSON DATE 15 SEP 72 TIME 09:10 WEATHER CLEAR & CALM INST. NO. 75234
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD. DATE ROD NO. 23948
T=70
F.B. 4130 PG. 175

STATION	BACKSIGHT Right	Mic.	Left.	Stadia		FORESIGHT Right	Mic.	Left.	Stadia		DESCRIPTION AND REMARKS From To
	DETERMINATION OF "C"										
	NEAR ROD					FAR ROD					
1	139	460	440	5	144 134	10	118	747	419	5	148 88	60	60 M- 10 M= 50 M-0.20 mm
2	145	370	446	5	150 140	10	166	132 ~~992~~	467	5	176 136	60	60 M- 10 M= 50 M=0.20 mm
	284	830				20	287	889				120
	+											-20
							-0.40 mm					100
							287 889					
							284 830					
							- 009					
											Curvature Corr.=0.40 mm
											T ANDERSON
					mm= "C"						
	/										
							.001 ~~0.001~~ mm= "C"				
							100/0.0980				

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F.B. 4130 PG. 176 JOB NO. 0301.02

SURVEY OF LA. Co. PRECISE LEVEL NET SEPT. 18, '72 WEATHER CLEAR & 82 EBZ INST. NO. 75234

SURVEY BY R.L.S. NOTES PETERSON TIME 14:45 ROD NO. 21 37A

INDEXED G.D. BAILEY DATE NOTES CHKD. DATE

T=82

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1			5		~~166 829~~	~~467~~	5	~~146 136 68~~	π RODRIGUEZ
2			5				5		
1	152	000	453 5	1ST 147	60	170 050	471 5	200 140	60 60M-10M=50M M-0.20MM
2	146	112	4475	(5) 141	10	128 219	429 5	158 98	60 60M-10M=50M M-0.20MM
	298	112			20	298 269			120
						-0.40MM			-20 CUR CORR. 0.40MM
						298 229			100
						298 112			
						117			
							.017		
					1001		1.17		

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON DATE 20 SEP 72 WEATHER CLEAR & CALM
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD DATE
TIME 0910 INST. NO. 76234 ROD NO. 2130 A&B
F.B. 4130 PG. 177
T = 64°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS (FROM ___ TO ___)
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	135	463	436 5	140 / 132 10	148	143	449 5	178 / 118 60	60 M- 10 M= 50 M-0.20 mm
2	126	888	427 5	131 / 121 10	114	472	415 5	149 / 84 60	60 M- 10 M= 50 M=0.20 mm
	262	351		20	262	615		120	
	+				-0.40mm			20	Curvature Corr.=0.40 mm
					262 575			100	
					262 351				
					- 224				ANDERSON
				mm= "C"					
					.0022 mm= "C"				
					100/2.24				

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F.B. 4130 PG. 178 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVELNET

SURVEY BY RLS. NOTES PETERSON 21 SEP 72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR & CALM INST. NO. 75-231

TIME 09:25 ROD NO. 2139A

NOTES CHKD DATE

T = 72°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				DETERMINATION OF "C"					
	NEAR ROD				FAR ROD				
1	127	822	428 5	132 / 122 10	131	575	432 5	161 / 101 60	60M - 10M = 50M - 0.20MM
2	130	820	431 5	135 / 125 10	127	052	428 5	157 / 97 60	60M - 10M = 50M 0.20MM
	+ 258	642		20	258	627		120	
	- 258	587						-20	
		055						100	CORR. 0.40MM
					-0.40MM				
					258	587			
									T ANDERSON
		.006							
	100	0.55							

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER PUTERSON DATE 25 SEP 72 WEATHER CLEAR & CALM INST. NO. 75234
NOTES BY G.D. BAILEY DATE DEC 4 1972 TIME 09:40 ROD NO. 13968
INDEXED NOTES CHKD DATE
F.B. 4130 PG. 179
T= 72

STATION	BACKSIGHT Right	Mic.	Left.	Stadia		FORESIGHT Right	Mic.	Left.	Stadia		DESCRIPTION AND REMARKS From To
	DETERMINATION OF "C"										
	NEAR ROD					FAR ROD					
1	139	231	4405	141 134	10	162	672	4635	192 132	60	60 M- 10 M=50 M-0.20 mm
2	137	103	4385	142 132	10	113	889	4145	143 83	60	60 M- 10 M=50 M=0.20 mm
	276	334			20	276	561			120	
										-20	
	+					-0.40 mm					Curvature Corr.=0.40 mm
						276	521			100	
						276	334				
						-	187				T ANDERSON
				mm= "C"							
	/										
							.019				mm= "C"
						100/	1.87				

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F.B. 4130 PG. 180 JOB NO. 0301.01

SURVEY OF LA CO. PRECISE LEVEL NET NOTES PETERSON 26 SEP 72

SURVEY BY RLS DATE

INDEXED G. D. BAILEY DATE

WEATHER CLEAR & WARM INST. NO. 75239

TIME 0915 ROD NO. 0139 AB

NOTES CHKD. DATE

T=68

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS (From ___ To ___)
			DETERMINATION OF "C"						
	NEAR ROD				FAR ROD				
1	136	962	437 5	141 131 10	146	260	447 5	176 116 60	60M - 10M = 50M 0.20mm
2	130	380	431 5	135 125 10	121	320	422 5	151 91 60	60M - 10M = 50M 0.20mm
	267	342		20	267	580		120	CUR. CORR. 0.40mm
								-20	
					- 0.40mm			100	T ANDERSON
					- 267	540			
					+ 267	342			
						198			
						.02			
					100	1.98			

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. L. STRADER
NOTES BY PETERSON DATE SEP 27, 72 WEATHER CLEAR & COLD
INDEXED G. D. BAILEY DATE DEC 4 1972 NOTES CHKD. DATE
TIME 14:45 INST. NO 75230 ROD NO 23986
F.B. 4130 PG. 181
7684

STATION	BACKSIGHT Right	Mic.	Left.	Stadia			FORESIGHT Right	Mic.	Left.	Stadia			DESCRIPTION AND REMARKS From ___ To ___
			DETERMINATION OF "C"										
			NEAR ROD						FAR ROD				
1	141	441	442	5	146 136	10	93	252	394	5	123 63	60	60 M-10 M=50 M-0.20 mm
2	159	258	460	5	164 154	10	207	628	508	5	237 177	60	60 M-10 M=50 M=0.20 mm
	300	699				20	300	880				120	
	+						-0.40 mm					20	Curvature Corr.=0.40 mm
							300	840				100	
							300	699					
							-	141					
													T RODRIGUEZ
				mm= "C"									
	/												
								.014					mm= "C"
							100	1.41					

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F.B. 4130 PG. 182 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Strader NOTES Rodriguez 28 SEPT. 72

INDEXED G.D. BAILEY DATE

WEATHER Clear-calm INST. NO. 75234

TIME 14:20 - 14:25 ROD NO. 2139HB

NOTES CHKD DATE

T = 88°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
				Determination of "C"					
1	147	430	448 5	152 142 10	175	490	476 5	205 145 60	60 M - 10 M = 50 M = 0.20 MM
2	152	928	453 5	157 147 10	124	928	425 5	154 94 60	60 M - 10 M = 50 M = 0.20 MM
	300	358		20	300	418		120	
					—	040		-20	CURV-CORR = 0.40 MM
					300	378		100	
					300	358			
						020			K Peterson
					—		0.002	= "C"	
					100		0.20		

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER DATE SEPT. 29, '72 WEATHER CLOUDY-CALM INST. NO. 75234
NOTES BY R.L.S. TIME 11:50 ROD NO. 2139 AG
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD. DATE
T=80°
F.B. 4130 PG. 183

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS From ___ To ___
			DETERMINATION OF "C"						
	NEAR ROD				FAR ROD				
1	125	724	426	5 130 120 10	79	651	380	5 109 49 60	60 M- 10 M= 50 M-0.20 mm
2	147	305	448	5 152 142 10	193	560	494	5 223 163 60	60 M- 10 M= 50 M=0.20 mm
	273	029			273	211		120	
								- 20	
	+				-0.40mm			100	Curvature Corr.=0.40 mm
					273	171			
					273	029			
					-	0142			
									R. ANDERSON
				mm= "C"					
	/								
					-	.014			mm= "C"
					100 /	1.42			

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F.B. 4130 PG. 184 JOB NO. 0301.02 T = 64°
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY R.L.S. NOTES R.L. STRADER OCT. 2, '72
INDEXED G.D. BAILEY DATE
WEATHER CLEAR. CALM INST. NO 75234
TIME 9:20 ROD NO 2139 A
NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
				DETERMINATION OF "C"					
	NEAR ROD				FAR ROD				
1	161	030	462 5	166 156 10	200	540	501 5	230 170 60	60 M - 10 M = 50 M = 0.20 mm
									60 M - 10 M = 50 M = 0.20 mm
2	148	010	449 5	153 143 10	108	890	409 5	138 78 60	
	309	040		20	309	430		120	
								-20	
	+				- 0.40 mm			100	CURVATURE CORR. = 0.40 mm
					309	390			
					309	040			
					-	350			
									T = R. RODRIGUEZ
				mm = "C"					
	/								
					-	.035		mm = "C"	
					100	/ 350			

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY R.L.S. DATE OCT. 2, '72 TIME 9:30 WEATHER CLEAR-CALM INST. NO. 15234
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD DATE ROD NO. 2139 A-B
F.B. 4130 PG. 185

STATION	BACKSIGHT Right	Mic.	Left	Stadia			FORESIGHT Right	Mic.	Left	Stadia			DESCRIPTION AND REMARKS From To
			DETERMINATION OF "C"										
		NEAR ROD						FAR ROD					
1	151	820	452	5	156 146	10	112	700	413	5	142 82	60	60 M- 10 M= 50 M-0.20 mm
2	162	250	463	5	167 157	10	201	710	502	5	231 171	60	60 M- 10 M= 50 M=0.20 mm
	314	070				20	314	410				120	
											-	20	
	+						-0.40 mm					100	Curvature Corr.=0.40 mm
							314	370					
							314	070					
							- 0	300					
													A. R. RODRIGUEZ
					mm= "C"								
	/												
							—	.030			mm= "C"		
							100/	3.000					

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F.B. 4130 PG. 186 JOB NO. 030102 INST. NO. 75254

SURVEY OF L.A.Co. PRECISE LEVELNET ROD NO. 2/3948

SURVEY BY R.L.S. NOTES PETERSON 3 OCT 72 DATE

INDEXED G.D. BAILEY DATE

NOTES CHKD DATE

WEATHER OVERCAST & CALM

TIME 1400

T=70°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
				DETERMINATION OF 'G'					
	NEAR ROD				FAR ROD				
1	150	530	451 5	155 145 10	214	172	515 5	244 184 60	60M-10M=50M M-0.20MM
2	123	948	424 5	128 118 10	60	560 ~~602~~	361 5	90 30 60	60M-10M=50M M=0.20MM
	274	478		20	274	732		120 -20 100	CORR 0.40MM

0.40MM

- 274692
+ 274478

214

.021

100 | 2.14

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET	F. B. 4130 PG. 187
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by R.L. STRADER	
Checked	Notes R.L.S. Date OCT '72	
Date	Index G.D. BAILEY DEC 4 1972	

LINE 102

J.N. 0301.02

1972 RUN

PORTION BETWEEN B.M. 102-24A AND B.M. 102-45A.

OCTOBER 1972

REF.

F.B. 2412
F.B. 2876
F.B. 3725
F.B. 2437

SURVEY PARTY

R.L. STRADER
T.C. PETERSON, JR.
R.D. ANDERSON
R.U. RODRIGUEZ
L.C. LOVE

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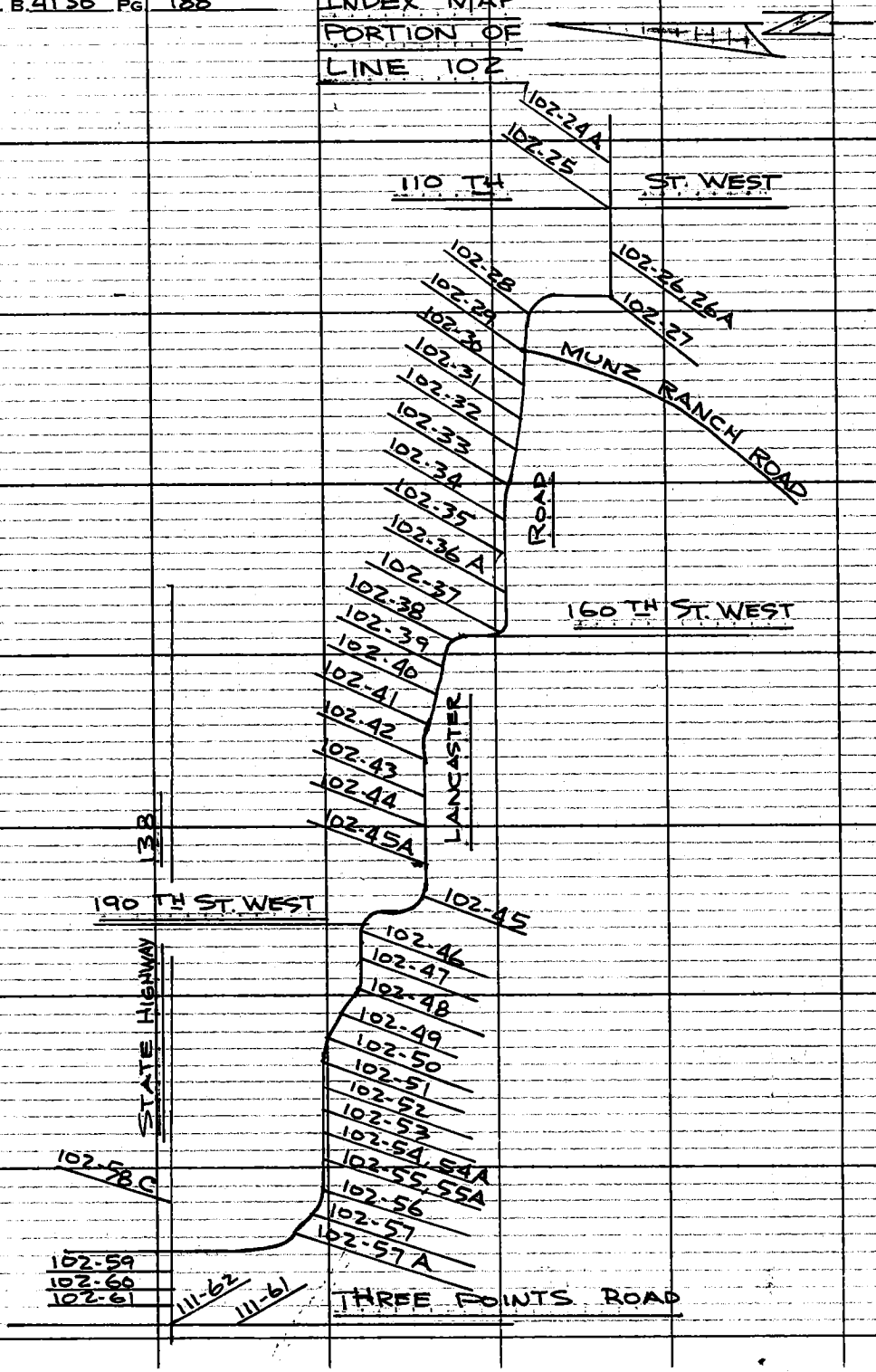
76F3095 CE#310 3-68

F. B. 4130 PG. 188

INDEX MAP
PORTION OF LINE 102



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76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Rodriguez STRader DATE 3-OCT-72 WEATHER clear-calm INST. NO. 75234
NOTES BY DATE TIME 9:40-10:20 ROD NO. 28242
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD L.R.M. DATE 4 DEC 72
T=70° F.B. 4130 PG. 189

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM102-24A													FROM BM102-24A TO BM102-25
1	169	703	470	5	199 139	60	89	171	390	5	118 60	58	BM 102-24A (U.S.C.&G.S) A1220
													AV "T" & 100TH ST 0.5 MI
2	196	211	497	5	226 166	60	99	314	400	5	129 69	60	East of 110TH ST.W.
						120						118	@ B.W. BASE of Edison Tower
3	202	808	503	5	232 172	60	117	214	418	5	147 87	60	#57-4
						180						178	FB 3725-62
4	182	742	483	5	212 152	60	128	853	429	5	158 98	60	
						240						238	
5	185	091	486	5	215 155	60	98	832 ~~791~~	399	5	128 68	60	T Peterson
						300						298	
	218	122	519	5	247 189	58	90	568	391	5	118 62	56	
						358						354	
7	168	496	469	5	180 156	24	197	134 ~~147~~	498	5	211 183	28	
+	1323	173				382	821	086				382	
−	821	086										382	
BM102-25 +	502	087										764	BM 102-25
													AV "T" & 110TH ST W. E INT
													FB 2412-30

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F.B. 4130 PG. 190 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY R.L.S. NOTES R.L. STRADER OCT. 18, '72
INDEXED G.D. BAILEY DATE
T=68°
WEATHER CLOUDY-CALM INST. NO. 75234
TIME 14:10 - ROD NO. 2134A
NOTES CHKD L.R.M. DATE 4 DEC '72

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 102-25	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 102-25 TO B.M. 102-24 A
1	194	512	495	5	209 179	30	193	420	494	5	209 177	32	B.M. 102-25
													AVE. "I" & 110TH ST. WEST
2	93	717	394	5	123 63	60	203	861	504	5	233 173	60	@ ℄ INTER.
						90						92	F.B. 2412-30
3	104	393	405	5	133 75	58	184	188	485	5	212 156	56	
						148						148	
4	131	693	432	5	161 101	60	179	467	480	5	209 149	60	
						208						208	
5	118	098	419	5	147 89	58	201	892	502	5	230 172	58	T.C. PETERSON
						266						266	
6	107	828	408	5	137 77	60	203	747	504	5	233 173	60	
						326						326	
7	87	862	388	5	118 56	62	173	323	474	5	204 142	62	
+	838	103				388	1339	898				388	
						+	838	103				388	
						−	501	795				776	
B.M. 102-24 A													B.M. 102-24 A (U.S.C.&G.S.-A1220)
													AVE. "I" ABOUT 0.5 MILE
													EAST OF 110TH ST. WEST
													NO. SIDE OF ROAD
													F.B. 3725-62

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 7554"
SURVEY BY Zdorkulz Strader DATE 20 OCT 72 WEATHER overcast windy INST. NO 25234
NOTES BY TIME 9:20 - 9:55 ROD NO 25242
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD L.R.M. DATE 4 DEC 72
F.B. 4130 PG. 191

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM102-24A													From BM102-24A To BM102-25
1	128	443	429	5	158 98	60	97	297	398	5	130 64	66	BM102-24A (USC&GS) H1220
													AV I & 100TH ST. 0.5 MI. East
2	213	519	514	5	247 179	68	104	923	405	5	136 72	64	of 110TH ST W. @ B.W. Base of
						128						130	Edison Tower #57-4
3	211	713	512	5	243 179	64	125	223	426	5	157 93	64	FB 3725-42
						192						194	T Peterson
4	196	587	497	5	227 165	62	132	361	433	5	163 101	62	
						254						256	
5	210	178	511	5	242 178	64	108	639	409	5	139 77	62	
						318						318	RERUN
	219	482	520	5	251 187	64	109	541	410	5	141 77	64	
+	1179922					382	677984					382	
−	677984											382	
BM102-25 +	501938											764	BM102-25
													AV "I" & 110TH ST W. E INT.
													FB 2412-30

76P526B CE # 308 8/68

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

SURVEY BY J. Rodriguez DATE 7 OCT 72 WEATHER Clear-Calm INST. NO. 75234

NOTES BY J. Rodriguez DATE 7 OCT 72 TIME 10:20-11:05 ROD NO. 2139 M

INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD L.R.M. DATE 4 DEC 72

F.B. 4130 PG. 193

T = 74°

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM102-25													From BM102-25 To BM 102-26A
1	211	481	512	5	227 195	32	93	313	394	5	108 78	30	BM102-25
													AV "I" & 110TH ST W. & INT.
2	255	762	556	5	285 225	60	107	242	408	5	136 78	58	FB. 2412-30
						92						88	
3	203	232	504	5	233 173	60	72	032	373	5	104 40	64	T PETERSON
						152						152	
4	133 ~~127~~	103	434	5	163 103	60	112	274	413	5	142 82	60	
						212						212	
5	182	811	483	5	212 152	60	105	577	406	5	135 75	60	
						272						272	
	191	738	492	5	220 162	58	117	788	418	5	146 88	58	
						330						330	
7	176	525	477	5	192 160	32	109	358	410	5	125 93	32	
	+ 1354652					362	717584					362	
	- 717584											362	
BM102-26A	+ 637068											724	BM 102-26A (U.S.C.&G.S.) (B-1220) 1971
													AV "I" APPROX 0.45 MI W OF
													110TH ST W. NO. OF APPROX &
													FB. 3725-66

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 194 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVELNET

SURVEY BY R.L.S. NOTES R.L. STRADER OCT. 18, '72

INDEXED G.D. BAILEY DATE

WEATHER Cloudy-Cal INST. NO. 75234

TIME 13:40-14:05 ROD NO. 21394

NOTES CHKD L.R.M. DATE 4 DEC '72

T = 68°

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
B.M. 102-26A	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM B.M. 102-26A TO B.M. 102-25
1	99	442	400	5	131 67	225	716	526	5	257 193 64	B.M. 102-26A
2	113	852	414	5	144 82 62	188	497	489	5	220 156 64	AVE. "I", ABOUT 0.40 MILE WEST OF 110TH ST. WEST
					126					128	
3	119	232	420	5	150 88 62	184	742	485	5	215 153 62	NO. SIDE OF ROAD F.B. 3725-66
					188					190	
4	108	758	409	5	139 77 62	221	231	522	5	253 189 64	
					250					254	
5	116	721	417	5	147 85 62	224	508 ~~50~~	525	5	255 193 62	π T.C. PETERSON
					312					316	
6	116	887	417	5	139 93 46	267	108	568	5	288 246 42	
+	674	892			358	1311	802			358	
					+	674	892			358	
					−	636	910			716	
B.M. 102-25											B.M. 102-25 AVE. "I" & 110TH ST. WEST @ ℄ INTER. FB. 2412-30

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM102-26A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM102-26A TO BM102-26
1	150 (NOTES)	150	451	5	156 144	12 62	152	828	453	5	158 146	12	BM102-26A
													AV "I" APPROX 0.45 MI W OF
2	199	206	500	5	219 129	40	149	260	450	5	169 129	40	110TH ST W. NO. OF APPROX E
						52						52	FB. 3725-66
	+349	356					-302	088				52	
	-302	088										104	
	+47	268											T. PETERSON
BM102-26													
													BM102-26
													AV "I" & 115TH ST W. CTR OF RD.
													FB. 2912-31

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

SURVEY BY J. TRADER DATE 5 OCT 72 WEATHER Clear-Calm INST. NO. 75231

NOTES BY TRADER DATE TIME 11:05 ROD NO. 213818

INDEXED G. D. BAILEY DATE DEC 4 1972 NOTES CHKD L. R. M. DATE 4 DEC 72

T = 74°

F.B. 4130 PG. 195

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4130 Pg. 196 JOB NO. 0301.02 T = 62°
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY R.L.S. NOTES R.L. STRADER OCT. 18, '72
INDEXED G.D. BAILEY DATE
WEATHER Cloudy - Calm INST. NO 75234
TIME 13:30-13:35 ROD NO 2139A
NOTES CHKD J. R. M. DATE 4 DEC '72

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
B.M. 102-26	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM B.M. 102-26 TO B.M. 102-26A
1	141	291	442	5	153 129 24	174	626	475	5	186 162 24	B.M. 102-26 0.45
											AVE. "I", ABOUT ~~0.45~~
2	142	071	443	5	155 129 26	156	007	457	5	169 143 26	MILE WEST OF 110TH ST.
+	283	362			50	330	633			50	WEST, CENTER OF ROAD
3					+	283	362			50	F.B. 2412-31
					−	47	271			100	
4											T.C. PETERSON
B.M. 102-26A											B.M. 102-26A
											AVE. "I", ABOUT 0.40
											MILE WEST OF 110TH
											ST. W., NO. SIDE OF ROAD
											F.B. 3725-66

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. L. STRADER
NOTES BY PETERSON DATE 4 OCT 72 WEATHER CLOUDY & BREEZY
INDEXED G. D. BAILEY DATE DEC 4 1972 TIME 1125-1155 INST. NO. 75237
NOTES CHKD L. R. M. DATE 4 DEC 72 ROD NO. 239 AB
F.B. 4130 PG. 197
T = 72°

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM 102-26													FROM BM102-26 TO BM 102-27
1	232	210	533	5	262 / 202	60	68	005	369	5	75 / 32	60	BM102-26
													AVE 'I' & 115TH. ST. W. &
2	195	060	496	5	225 / 165	60	72	564	373	5	102 / 42	60	F.B 2412-31
						120						120	
3	201	160	502	5	231 / 171	60	91	667	392	5	121 / 61	60	
	173					180						180	
4	~~174~~	859	474	5	204 / 142	62	76	433	377	5	106 / 46	60	T ANDERSON
						242						240	
5	185	074	486	5	215 / 155	60	80	552	381	5	110 / 50	60	
						302						300	
6	196	958	497	5	226 / 166	60	75	610	376	5	105 / 45	60	
						362						360	
7	192	103	493	5	213 / 171	42	95	478	396	5	115 / 75	40	
	+ ~~376424~~					404	~~816~~	~~115~~				400	
	- ~~816~~	~~115~~					- 560	309				404	
	+ 1376424											804	
	- 560309												
	+ 816115												
BM102-27													BM102-27
													AVE 'I' & 120TH ST, 55'E & 25'N
													& INT; SW'LY OF CTR OF CURVE
													F.B. 2412-32

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4130 PG. 198 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 18 OCT 72

INDEXED G.D. BAILEY DATE

WEATHER PARTLY CLOUDY & CALM

TIME 11:20–11:50

NOTES CHKD L. R. M. DATE 4 DEC. '72

INST. NO. 75234

ROD NO. 21 BMN

7=62

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM 102-27									FROM BM 102-27 TO BM 102-26
1	74	~~993~~ 650	375 5	107 41 66	215	972	516 5	247 183 64	BM 102-27
									AVE 'I' & 120TH ST. W.; 55' E
2	80	400	381 5	113 47 66	200	433	501 5	234 166 68	& 25' N & INT; SW'LY OF
				132				132	CTR. OF CURVE
3	80	392	381 5	113 47 66	194	619	495 5	227 161 66	F.B. 2412-32
				198				198	
4	74	337	375 5	106 42 64	195	415	496 5	227 163 64	
				262				262	
5	76	712	377 5	108 44 64	199	204	500 5	230 168 62	
				326				324	T ANDERSON
6	59	758	360 5	92 26 66	209	590	510 5	243 175 68	
				392				392	
7	119	537	420 5	127 111 16	167	293	468 5	175 159 16	
	+	565786		408	1382526			408	
					+ 565786			408	
					− 816740			816	
BM 102-26									BM 102-26
									AVE 'I' & 115TH ST. W. & INT
									F.B. 2412-31

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM102-26													FROM BM102-26 TO BM102-27
1	214	822	515	5	249 / 185	58	57	198	358	5	86 / 28	58	BM102-26
													AVE 'I' & 115TH ST. W. ℄ INT
2	197	645	498	5	228 / 166	62	71	013 / 052	372	5	103 / 39	64	F.B. 2412-31
						120						122	
3	191	420	492	5	221 / 161	60	78	018	379	5	107 / 49	58	
						180						180	
4	190	052	491	5	220 / 160	60	68	496	369	5	99 / 37	62	T ANDERSON
						240						242	
5	163	645	464	5	193 / 133	60	80	140	381	5	109 / 51	58	
						300						300	
6	192	372	493	5	223 / 161	62	68	803	369	5	99 / 37	62	
						362						362	RE RUN
7	190	945	491	5	217 / 168	44	101	060	402	5	123 / 79	44	
	+ 1340901					406	-524	728				406	
	- 524	728										406	
	+ 816	173										812	
BM 102-27													BM 102-27
													AVE 'I' & 120TH. ST. W 55' E ℄
													25' N ℄ INT. S.W'LY OF CTR.
													OF. CURVE
													F.B. 2412-32

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON DATE 20 OCT 72 WEATHER MOSTLY CLEAR WIND OVERCAST
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD L.R.M. DATE 4 DEC 72
TIME 12:45 - 18:15 ROD NO. 2139A6 INST. NO. 75234
F.B. 4130 PG. 199
T-58

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4130 PG. 200 JOB NO. 2301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 20 OCT 72

INDEXED D.D. BAILEY DATE

NOTES CHKD L. R. M. DATE 4 DEC 72

WEATHER LIGHT WIND INST. NO. 75234

TIME 10:50 - 1:30 ROD NO. 2139A

OVERCAST 40174

T=54

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM102-27									FROM BM102-27 TO BM107-26
1	78097	379 5		199 47 62	212 387	513 5		243 181 62	BM 102-27
									AVE 'I' & 120TH ST. W. 55' E. &
2	79328	380 5		108 50 58	178 340	479 5		208 148 60	25' N. & INT S.WLY OF CTR
				120				122	OF CURVE
3	80562	381 5		111 49 62	184 080	485 5		214 154 60	F.B. 2412-32
				182				182	
4	69268	370 5		98 40 58	183 770	484 5		212 154 58	
				240				240	
5	73163	374 5		103 43 60	195 025	496 5		225 165 60	T ANDERSON
				300				300	
6	69832	370 5		99 39 60	200 454	501 5		230 170 60	
				360				360	
7	83620	384 5		104 62 42	196 452	497 5		217 175 42	RERUN
+	533870			402	1350 508			402	
					+ 533870			402	
					− 816638			804	
BM 102-26									BM 102-26
									AVE 'I' & 115TH ST. W. & INT.
									F.B. 2412-31

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM 102-26													FROM BM 102-26 TO BM 102-27
1	227	~~257~~ 177	528	5	257 197	60	67	889	368	5	100 34	66	BM 102-26
													AVE 'I' & 115TH. ST. W. ℄ INT
2	218	242	519	5	248 188	60	86	129	387	5	116 56	60	F.B. 2412-31
						120						126	
3	199	060	500	5	228 178	58	93	462	394	5	120 66	54	
						178						180	
4	208	669	509	5	238 178	60	89	880	390	5	119 59	60	T. RODRIGUEZ
						238						240	
5	189	490	490	5	216 162	54	112	691	413	5	139 85	54	
						292						294	
6	203	562	504	5	232 174	58	83	830	384	5	113 53	60	
						350						354	RE-RE RUN
7	213	072	514	5	240 186	54	108	662	409	5	133 83	50	
+	1459272					404	-642543					404	
−	642543											404	
+	816729											808	
BM 102-27													BM 102-27
													AVE 'I' & 120TH ST. W. 55'E & 25'N
													℄ INT. S.W'LY OF CTR. OF CURVE
													F.B. 2412-32

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER DATE 20 OCT 72
NOTES BY PETERSON WEATHER OVERCAST TIME 14:15-14:45
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD L.R.M. DATE 4 DEC '72
INST. NO. 9523 ROD NO. 21398
F.B. 4130 PG. 201
T=56

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4130 PG. 202 JOB NO. 03 01.02 T-56

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 20 OCT 72

INDEXED G.D. BAILEY DATE

WEATHER OVERCAST WITH LIGHT WIND INST. NO. 75234

TIME 13:30-14:00 ROD NO. 21978

NOTES CHKD. L.R.M. DATE 4 DEC 72

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM102-27	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 102-27 TO BM 102-26
1	98	232	399	5	124 / 252	222	532	523	5	253 / 190 62	BM 102-27
											AVE 'I' & 120TH ST. W. 55'E
2	89	043	390	5	121 / 57 64	186	842	487	5	212 / 160 52	& 25'N & INT; SW'LY OF
					116					114	CTR. OF CURVE
3	97	809	398	5	128 / 66 62	220	438	521	5	252 / 188 64	FB. 2412-32
					178					178	
4	95	208	396	5	126 / 64 62	205	348	506	5	236 / 174 62	
					240					240	
5	107	140	408	5	134 / 80 54	206	552	507	5	233 / 179 54	T RODRIGUEZ
					294					294	
6	83	223	384	5	113 / 53 60	212	121	513	5	242 / 182 60	
					354					354	
7	~~88~~ ~~85~~ 88	018	389	5	112 / 64 48	221	460	522	5	245 / 197 48	RE-RERUN
					402					402	
	+ 658673					− 1475293				402	
						+ 658673				804	
						− 816620					
BM102-26											BM102-26
											AVE 'I' & 115TH ST. W. & INT
											F.B. 2412-31

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON DATE 4 OCT 72 WEATHER CLOUDY & WARM TIME 13:05 - 13:55 INST. NO. 75234
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD. L.R.M. DATE 4 DEC 72 ROD NO. 21344

T=74° PARTLY CLOUDY & WARM

F.B. 4130 PG. 203

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM 102-27													FROM BM 102-27 TO BM 102-28
1	124	549	425	5	138 / 110	28	119	435	420	5	133 / 105	28	BM102-27
													AVE "I" & 120TH ST; SSE 25'N
2	154	593	455	5	184 / 124	60	150	782	451	5	181 / 119	62	& INT; SW'LY OF CTR. OF CURVE
						88						90	F.B. 2412-32
3	94	195	395	5	124 / 64	60	151	136	452	5	181 / 121	60	
						148						150	
4	121	552	422	5	151 / 91	60	175	040	476	5	205 / 145	60	
						208						210	T ANDERSON
5	82	093	383	5	103 / 61	42	101	028	402	5	122 / 80	42	
						250						252	
6	248	448	549	5	277 / 219	58	70	332	371	5	101 / 39	62	
						308						314	
7	190	980	491	5	219 / 161	58	268	357	569	5	295 / 241	54	
	52	952	353			366						368	
8	~~53~~	~~040~~	~~354~~	5	74 / 32	42	238	838	539	5	258 / 218	40	
						408						408	
9	105	128	406	5	113 / 97	16	239	745	540	5	247 / 231	16	
	+ 1174	490				424	1514	693				424	
						+	1174	490				424	
						−	340	203				848	
BM 102-28													BM102-28
													120TH ST. W. & LANCASTER RD.
													N'LY SIDE OF ROAD
													F.B. 2412-33

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 204 JOB NO. 0301.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 18 OCT 72

INDEXED G.D. BAILEY DATE

WEATHER PARTLY CLOUDY & CALM INST. NO. 75234

TIME 10:45-11:20 ROD NO. 21394

NOTES CHKD L. R. M. DATE 4 DEC 72

T=62

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM 102-28									FROM BM 102-28 TO BM 102-27
1	241	285	542 5	259 / 223 36	43	028	344 5	67 / 25 36	BM 102-28
									120TH ST. W. & LANCASTER RD
2	269	552	570 5	290 / 248 42	95	613	396 5	117 / 73 44	N'LY SIDE OF RD
				78				80	F.B. 2412-33
3	119	864	420 5	152 / 86 66	204	121	565 5	236 / 172 64	
				144				144	
4	34	410	335 5	63 / 5 58	162	151	463 5	191 / 133 58	
				202				202	T ANDERSON
5	197	015	498 5	230 / 164 66	105	532	406 5	138 / 72 66	
				268				268	
6	157	212	458 5	189 / 125 64	121	016	422 5	153 / 89 64	
				332				332	
7	177	232	478 5	201 / 153 48	140	948	441 5	164 / 116 48	
				380				380	
8	149	873	450 5	170 / 128 42	133	522	434 5	155 / 111 44	
	+ 1346443			422	1005931			424	
	− 1005931							422	
	+ 340512							846	
BM 102-27									BM 102-27
									AVE I' & 120TH ST. W. 55' E &
									25' N & INT; S.W. 24 OF
									CTR. OF CURVE
									F.B. 2412-32

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4130 Pg. 206 — JOB NO. D30.02 — DATE

SURVEY OF L.A. CO. PRECISE LEVELNET

SURVEY BY R.L.S. - NOTES PETERSON 20 OCT 72

INDEXED G.D. BAILEY

T=54°

WEATHER AVE. CAST — LIGHT BREEZE — INST. NO. 75231

TIME 10:15-10:50 — ROD NO. 2137A

NOTES CHKD. L.R.M. — DATE 4 DEC 72

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM 102-28									FROM BM 102-28 TO BM 102-27
1	244	852	545 5	269 224 40	31	897	332 5	53 9 44	BM 102-28
									120TH ST. W. & LANCASTER RD.
2	272	882	573 5	295 249 46	100	025	401 5	122 78 44	N'LY SIDE OF ROAD
				86				88	F.B. 2412-33
3	101	542	402 5	131 71 60	197	891	498 5	226 168 58	
				146				146	
4	46	743	347 5	72 20 52	171	075	472 5	198 144 54	T ANDERSON
				198				200	
5	~~182~~ 181	922	482 5	211 151 60	95	216	396 5	124 66 58	
				258				258	
6	145	762	446 5	175 115 60	112	229	413 5	142 82 60	
				318				318	RERUN
7	174	600	475 5	203 145 58	122	420	423 5	151 93 58	
				376				376	
8	137	878	438 5	162 112 50	135	233	436 5	160 110 50	
+	1306	181		426	965	986		426	
−	965	986						426	
+	340	195						852	
BM 102-27									BM 102-27
									AVE "J" & 120TH ST. W. 55' E &
									25' N & INT. SW'LY OF CTR
									OF CURVE
									F.B. 2412-32

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
B.M. 102-28													FROM B.M. 102-28 TO B.M. 102-29
1	151	612	452	5	179 128	46	102	542	403	5	124 80	44	B.M. 102-28
					202		115				138		120TH ST. W. & LANCASTER RD.
2	177	552	478	5	152	50	146	930	416	5	92	46	F.B. 2412-33 N'LY SIDE
					220	96					126	90	
3	195	578	496	5	120	50	98	938	399	5	70	56	
					210	146					155	146	
4	184	101	485	5	158	52	130	418	431	5	105	50	
					222	198					137	196	T = RODRIGUEZ
5	198	501	499	5	174	48	112	989	413	5	87	50	
					224	246					154	246	
6	199	752	500	5	174	50	130	662	431	5	106	48	
					238	296					124	294	
7	211	872	512	5	184	54	96	642	397	5	68	56	
					264	350						350	
8	240	992	541	5	216	48	10	430	311	5	33 10 ½	46	
					279	398					114	396	
9	271	809	572	5	263	16	107	179	408	5	100	19	
					201	414					137	410	
10	191	110	492	5	181	20	126	622	427	5	115	22	
	+ 2022	879				434	1032	352				432	
B.M. 102-29	1032	352										434	B.M. 102-29
	+ 990	527										866	LANCASTER RD. & MUNZ RANCH RD.
													F.B. 2412-34 NORTH SIDE

T = 76°

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

SURVEY BY R. L. STRADER

NOTES BY R. L. ANDERSON DATE 4-OCT-72 WEATHER CLEAR & WINDY

INDEXED G. D. BAILEY DATE DEC 4 1972 TIME 14:10 - 14:50 INST. NO. 75234

NOTES CHK'D L. R. M. DATE 4 DEC '72 ROD NO. 2138 P.8

F.B. 4130 PG. 207

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. 4130 Pg. 208 JOB NO. 0301.02 SURVEY OF L.A. Co. PRECISE LEVEL NET SURVEY BY R.L.S. NOTES R.L. STRAPER OCT. 11, '72 INDEXED G.D. BAILEY DATE T=76°

WEATHER CLEAR-CALM INST. NO. 75234 TIME 14:20-14:55 ROD NO. 2139 A.E. NOTES CHKD. L. R. M. DATE 4 DEC '72

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 102-29	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 102-29 TO B.M. 102-281
1	97	260	398	5	111 77	40	301	820	602	5	301 1/2 281	40	B.M. 102-29
													LANCASTER RD. & MUNZ
2	28	450	329	5	40 16	24	234	960	535	5	246 222	24	RANCH RD., NO. SIDE ROAD
						64						64	F.B. 2412-34
3	78	310	379	5	108 48	60	210	318	511	5	240 180	60	
						124						124	
4	110	920	411	5	135 85	50	183	760	484	5	208 158	50	
						174						174	
5	105	302	406	5	130 80	50	196	710	497	5	221 171	50	T R. RODRIGUEZ
						224						224	
6	121	249	422	5	146 96	50	178	502	479	5	203 153	50	
						274						274	
7	107	699	408	5	132 82	50	193	688	494	5	218 168	50	
						324						324	
8	116	778	417	5	141 91	50	184	920	485	5	209 159	50	
						374						374	
9	117	780	418	5	147 87	60	189	329	490	5	220 158	62	
+	883748					434	1874	007				436	
						+	883748					434	
						−	990259					870	
B.M. 102-28													B.M. 102-28
													LANCASTER RD. & 120TH ST. WEST,
													NW'LY SIDE OF CURVED ROAD
													F.B. 2412-33

76P526B CE # 308 8/68

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 R.L. STRADER DATE OCT. 17 '72 WEATHER CLOUDY-CALM T=72°
NOTES BY R.L.S. TIME 13:45-14:20 INST. NO. 75234
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD L.R.M. DATE 4 DEC 72 ROD NO 2139A-B
F.B. 4130 PG. 209

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
B.M. 102-29													FROM B.M. 102-29 TO B.M. 113-8
1	25	202	326	5	38 12	26	287	078	588	5	300 274	26	B.M. 102-29
													LANCASTER RD. & MUNZ RANCH
2	60	158	361	5	76 44	32	186	535	487	5	203 169	34	RD., NO. SIDE OF INTER.,
						58						60	F.B. 2412-34
3	157	530	458	5	183 131	52	64	313	365	5	91 37	54	
						110						114	
4	221	037	522	5	251 191	60	51	627	352	5	78 24	54	
						170						168	
5	212	372	513	5	245 179	66	22	088	323	5	55 22½	66	T R. ANDERSON
						236						234	
6	234	484	535	5	264 204	60	24	387	325	5	53½ 24½	58	
						296						292	
7	207	970	508	5	234 180	54	38	749	339	5	69 7	62	OVERLAP SECTION
						350						354	TO LINE 113
8	172	972	473	5	180 164	16	60	902	361	5	65 55	10	
+	1291	725				366	735	679				364	F.B. 2441
-	735	679										366	
+	556	046										730	
B.M. 113-8													B.M. 113-8
													MUNZ RANCH ROAD, ABOUT 0.4
													MILE S'LY OF LANCASTER ROAD
													INTER., W'LY SIDE OF ROAD
													F.B. 2441-136

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. 4130 PG. 210 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER OCT. 17, '72

INDEXED G.D. BAILEY DATE

WEATHER CLOUDY - CALM INST. NO 75234

TIME 14:25 ROD NO 2139A.B DATE 4 DEC '72

NOTES CHKD L.R.M.

T=70°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
B.M. 113-8													FROM B.M. 113-8 TO B.M. 102-29
1	58	888	359	5	63 53	10	162	922	463	5	167 157	10	B.M. 113-8
													MUNZ RANCH ROAD, ABOUT 0.4
2	54	330	355	5	80 28	52	205	083	506	5	231 179	52	MILE S'LY OF LANCASTER ROAD
						62						62	INTER., W'LY SIDE OF ROAD,
3	35	872	336	5	66 4	62	229	632	530	5	260 198	62	F.B. 2441-136
						124						124	
4	14	225	315	5	45 14 1/2	62	216	913	517	5	247 185	62	
						186						186	
5	38	486	339	5	70 6	64	217	470 ~~360~~	518	5	248 186	62	T R. ANDERSON
						250						248	
6	48	872	349	5	79 17	62	137	503	438	5	169 105	64	
						312						312	
7	174	309 ~~358~~	475	5	189 159	30	67	312	368	5	81 53	28	
						342						340	
8	274	235	575	5	286 262	24	18	262	319	5	31 5	26	
	+ 699	217				366	1255	097				366	
						+	699	217				366	
						-	555	880				732	
B.M. 102-29													B.M. 102-29
													LANCASTER RD. & MUNZ RANCH
													RD., NO. SIDE OF INTER.,
													F.B. 2412-34

76P526B CE # 308 8/68

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 R.L.S. R.L. STRADER DATE OCT. 5, '72 WEATHER CLEAR-CALM INST. NO. 75234
NOTES BY TIME 9:30-10:05 ROD NO. 2139 A-B
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD L. R. M. DATE 4 DEC 72
T=70°
F.B. 4130 PG. 211

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
B.M. 102-29													FROM B.M. 102-29 TO B.M. 102-30
1	106	138	407	5	113 / 99	14	149	203	450	5	156 / 142	14	B.M. 102-29
													LANCASTER RD. & MUNZ RANCH
2	231	572	532	5	263 / 199	64	135	376	436	5	167 / 103	64	RD., NO. SIDE OF ROAD,
						78						78	F.B. 2412-34
3	199	602	500	5	228 / 170	58	79	548	380	5	108 / 50	58	
						136						136	
4	155	848	456	5	182 / 124	58	224	714	525	5	254 / 194	60	
						194						196	
5	220	503	521	5	250 / 190	60	104	383	405	5	134 / 74	60	π T. PETERSON
						254						256	
6	261	907	562	5	290 / 232	58	186	274	487	5	215 / 157	58	
						312						314	
7	282	718	583	5	282½ / 253½	58	85	515	386	5	114 / 56	58	
						370						372	
8	130	840	431	5	151 / 109	42	205	938	506	5	225 / 185	40	
+	1589	128				412	1170	751				412	
−	1170	751					−1170	951				412	
+	418	377										824	
+	418	177											
B.M. 102-30													B.M. 102-30
													LANCASTER RD., ABOUT 0.5
													MILE W'LY OF MUNZ RANCH
													RD., SO. SIDE ROAD
													F.B. 2412-35

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. 4130 PG. 212 JOB NO. 0301.02 T = 62°

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER OCT. 18, '72

INDEXED G.D. BAILEY DATE

WEATHER CLOUDY-CALM INST. NO. 75234

TIME 9:55-10:30 ROD NO. 2129A

NOTES CHKD L. R. M. DATE 4 DEC. '72

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 102-30	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 102-30 TO B.M. 102-29
1	202	286	503	5	232 172	60	125	866	426	5	154 96	58	B.M. 102-30
													LANCASTER RD., ABOUT 0.5
2	18	583	319	5	40 18 1/2	44	223	621	524	5	246 200	46	MILE NW'LY OF MUNZ RANCH
						104						104	ROAD, SO. SIDE OF ROAD
3	177	403	478	5	208 146	62	251	292	552	5	282 220	62	F.B. 2412-35
						166						166	
4	71	193	372	5	102 40	62	153	427	454	5	185 121	64	
						228						230	
5	216	461	517	5	247 185	62	195	776	496	5	226 164	62	X T.C. PETERSON
						290						292	
6	57	923	358	5	89 25	64	167	192	468	5	198 136	62	
						354						354	
7	103	297	404	5	121 85	36	214	687	515	5	233 195	38	
						390						392	
8	132	492	433	5	142 122	20	66	194	367	5	76 56	20	
+	979	638				410	1398	055				412	
						+	979	638				410	
						−	418	417				822	
B.M. 102-29													B.M. 102-29
													LANCASTER RD & MUNZ RANCH
													ROAD, NO. SIDE OF INTER.,
													F.B. 2412-34

76P526B CE # 308 8/68

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 R.L. STRADER
NOTES BY R.L.S. DATE OCT. 5, '72 WEATHER CLEAR CALM INST. NO. 75234
INDEXED G.D. BAILEY DATE DEC 4 1972 TIME 10:15-10:30 ROD NO. 2139 A-B
NOTES CHKD L.R.M. DATE 4 DEC 72

T=70°

F.B. 4130 PG. 213

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 102-30	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 102-30 TO B.M. 102-31
1	291	278	592	5	291 14 / 266	50	196	628	497	5	221 / 171	50	B.M. 102-30
													LANCASTER RD., ABOUT 0.5
2	83	991	384	5	113 / 53	60	115	412	416	5	145 / 85	60	MILE W'LY OF MUNZ RANCH
						110						110	RD., SO. SIDE ROAD
3	137	250	438	5	156 / 118	38	89	303	390	5	109 / 69	40	F.B. 2412-35
						148						150	
4	203	920	504	5	213 / 193	20	210	749	511	5	219 / 201	18	
+	716	439				168	612	092				168	T. PETERSON
~~5~~ -	612	092										168	
+	104	347										336	
~~6~~													
B.M. 102-31													B.M. 102-31
													LANCASTER RD., ABOUT 0.7
													MILE W'LY OF MUNZ RANCH
													RD., SO. SIDE ROAD
													F.B. 2412-35

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 4130 PG. 214 JOB NO. 0301.02 T=60°

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER OCT. 18, 72

INDEXED G.D. BAILEY DATE

WEATHER CLOUDY-CALM INST. NO. 15234

TIME 9:30-9:50 ROD NO. 2139 A.J.

NOTES CHKD. L. R. M. DATE 4 DEC '72

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 102-31	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 102-31 TO B.M. 102-30
1	186	518	487	5	202 170	32	248	878	549	5	263 233	30	B.M. 102-31
													LANCASTER RD., ABOUT 0.7
2	178	947	479	5	209 147	62	199	024	500	5	230 168	62	MILE NW'LY OF MUNZ
						94						92	RANCH RD., SO. SIDE OF ROAD
3	213	727	514	5	236 190	46	84	692	385	5	108 60	48	F.B. 2412-35
						140						140	
4	135	693	436	5	149 121	28	286	714	587	5	300 272	28	
+	714	885				168	819	308				168	π T.C. PETERSON
						+	714	885				168	
						−	104	423				336	
B.M. 102-30													B.M. 102-30
													LANCASTER RD., ABOUT 0.5
													MILE NW'LY OF MUNZ
													RANCH RD., SO. SIDE OF ROAD
													F.B. 2412-35

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON DATE 5 OCT 72 WEATHER CLEAR & DRY
INDEXED G.D. BAILEY DATE DEC 4 1972 TIME 10:40-11:10 INST. NO 75238
NOTES CHKD. L.R.M. DATE 4 DEC 72 ROD NO 21814 A
T=70
F.B. 4130 PG. 215

STATION	BACKSIGHT Right	Mic.	Left.		Stadia	FORESIGHT Right	Mic.	Left.		Stadia	DESCRIPTION AND REMARKS
BM 102-31											FROM BM 102-31 TO BM 102-32
1	291	787	592	5	(½) 291 / 271 40	88	078	389	5	108 / 68 40	BM 102-31
											LANCASTER RD. ABOUT 0.7 MI
2	168	265	469	5	197 / 139 58	144	159	445	5	173 / 115 58	W'LY OF MUNZ RANCH RD
					98					98	73° E'LY OF P.P. 1559808E
3	186	348	487	5	216 / 156 60	264	602	565	5	294 / 230 60	F.B. 2412-35 SO. SIDE OF RD.
					158					158	
4	277	642	578	5	(½) 277 / 252 50	20	828	321	5	(½) 45 / 20 50	
					208					208	
5	154	863	455	5	176 / 132 44	137	400	438	5	158 / 116 42	X ANDERSON
					252					250	
6	264	080	565	5	282 / 246 36	95	662	396	5	114 / 76 38	
+	1342	985			288	750	729			288	
−	750	729								288	
+	592	256								576	
BM 102-32											BM 102-32
											LANCASTER RD. ABOUT 1.0 MI
											N'WLY OF MUNZ RANCH RD
											N. SIDE OF CURVED RD
											F.B. 2412-36

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. 4130 PG. 216 JOB NO. 0301.02 SURVEY OF L.A. CO. PRELISE LEVEL NET

SURVEY BY STRader NOTES Rodriguez Oct. 11, '72

INDEXED G.D. BAILEY DATE

WEATHER Clear/Calm TIME 1:30 - 2-10 NOTES CHKD. L. R. M.

INST. NO. 75231 ROD NO. 2197 DATE 4 DEC. '72

T = 76°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM102-32													FROM BM102-32 TO BM102-31
1	102	242	403	5	115 89	26	257	422	558	5	270 244	26	BM102-32
													LANCASTER Rd 1.0 mi NW
2	137	932	438	5	151 123	28	150	253	451	5	165 135	30	of MUNZ RANCH Rd
						54						56	NO. SIDE of CURVED Rd.
3	115	536	416	5	141 89	52	286	812	587	5	286 259	54	FB 2412-36
						106						110	
4	60	182	361	5	88 32	56	36	591	337	5	63 9	54	
						162						164	T ANDERSON
5	99	393 ~~473~~	400	5	127 69	60	138	067 ~~152~~	439	5	167 109	58	
						222						222	
6	104	059	405	5	128 80	48	197	022	498	5	221 173	48	
						270						270	
7	107	628	408	5	115 99	16	253	103	554	5	261 245	16	
+	726	972				286	1319	270				286	
BM102-31						+	726	972				286	BM102-31
						-	592	298				572	LANCASTER Rd. 0.7 mi
													W. of MUNZ RANCH Rd.
													NO. SIDE of CURVED Rd.
													FB. 2412-36

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER NOTES BY P.E. JEPSON DATE 5 OCT. 72 WEATHER CLEAR & CALM INST. NO. 75234
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD L. R.M. DATE 4 DEC 72 TIME 11:10 - 12:00 ROD NO 2/37 AB
F.B. 4130 PG. 217 T= 72°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA	FORESIGHT RIGHT	MIC.	LEFT.		STADIA	DESCRIPTION AND REMARKS
BM 102-32											FROM BM 102-32 TO BM 102-33
1	72	062	373	5	97 / 45 50	80	262	381	5	105 / 55 50	BM 102-32
											LANCASTER RD. ABOUT 1.0 mi
2	239	292	540	5	265 / 213 52	181	120	482	5	207 / 155 52	NW'LY OF MUNZ RANCH RD.
					102					102	No. SIDE OF CURVED RD.
3	134	507	435	5	159 / 109 50	148	017	449	5	172 / 124 48	F.B. 2412-36
					152					150	
4	110	640	411	5	138 / 82 56	78	907	379	5	107 / 49 58	
					208					208	
5	205	502	506	5	230 / 180 50	104	673	405	5	129 / 79 50	T ANDERSON
					258					258	
6	163	758	464	5	188 / 138 50	97	225	398	5	122 / 72 50	
					308					308	
7	183	242	484	5	203 / 163 40	113	100	414	5	133 / 93 40	
					348					348	
8	160	350	461	5	184 / 136 48	114	024	415	5	139 / 89 50	
					396					398	
9	159	198	460	5	185 / 133 52	102	383	403	5	128 / 76 52	
					448					450	
10	165	889	466	5	191 / 139 52	87	788	388	5	113 / 61 52	
					500					502	
11	239	122	540	5	259 / 219 40	153	315	454	5	172 / 153 38	
+	1833	562			540	1260	814			540	
−	1260	814								540	
+	572	748								1080	
BM 102-33											BM 102-33
											LANCASTER RD. ABOUT 1.7 mi NW'LY
											OF MUNZ RANCH RD No. SIDE
											F.B. 2412-37

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 218 JOB NO. 0301.02

SURVEY OF L.A. Co Precise Level net

SURVEY BY Stradley NOTES Rodriguez 11-Oct-72

INDEXED G.D. BAILEY DATE

WEATHER clear/calm INST. NO. 75234

TIME 11:30-12:25 ROD NO. 21376

NOTES CHKD. L.R.M. DATE 4 DEC 72

T = 68°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM102-33	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM102-33 TO BM102-32
1	141	790	442	5	141 / 136	12	250	557	551	5	256 / 244	12	BM102-33
													LANCASTER Rd 1.7 Mi N.W
2	144	252	445	5	172 / 116	56	140	293	441	5	167 / 113	54	OF MUNZ RANCH Rd.
						68						66	FB 2412-37
3	86	442	387	5	114 / 56	60	170	212	471	5	199 / 141	58	
						128						124	T ANDERSON
4	109	720	410	5	138 / 80	58	164	888	465	5	195 / 133	62	
						186						186	
5	109	181	410	5	132 / 86	46	164	540	465	5	187 / 141	46	
						232						232	
6	80	832	381	5	109 / 51	58	181	392	482	5	210 / 152	58	
						290						290	
7	104	890	405	5	131 / 77	54	204	602 764	505	5	230 / 178	52	
						344						342	
8	78	442	379	5	106 / 50	56	116	352	417	5	146 / 86	60	
						400						402	
9	141	588	442	5	168 / 114	54	117	018	418	5	144 / 90	54	
						454						456	
10	148	018	449	5	177 / 119	58	238	115	539	5	267 / 209	58	
						512						514	
11	87	042	388	5	110 / 64	46	152	947	453	5	174 / 130	44	
						558						558	
12	115	652	416	5	120 / 110	10	20	568	321	5	25 / 15	10	
	+	1347	849			568	1921	684				568	
						+	1347	849				568	BM102-32
BM102-32						−	573	835				1136	LANCASTER Rd. 1.0 Mi N.W of
													MUNZ RANCH Rd No.
													SIDE of Curved Rd.
													FB 2412-36

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY R.L.S. DATE OCT. 19 '72 WEATHER CLEAR-CALM INST. NO. 75234
INDEXED G.D. BAILEY DATE DEC 4 1972 TIME 11:20-12:05 ROD NO. 213 A B
NOTES CHKD L.R.M. DATE 4 DEC 72
T = 64°
F.B. 4130 PG. 219

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
B.M. 102-32													FROM B.M. 102-32 TO B.M. 102-33
1	72	973	373	5	91 / 47	50	79	582	380	5	104 / 54	50	B.M. 102-32
													LANCASTER RD., ABOUT 1.0 MILE
2	240	275 [redacted]	541	5	270 / 210	60	197	150	498	5	227 / 167	60	NW'LY OF MUNZ RANCH RD.
						110						110	NO. SIDE OF CURVED ROAD
3	155	328	456	5	186 / 124	62	178	078	479	5	208 / 148	60	F.B. 2412-36
						172						170	
4	198	572	499	5	227 / 169	58	64	297	365	5	93 / 35	58	
						230						228	
5	170	672	471	5	200 / 140	60	92	670	393	5	122 / 62	60	π R. ANDERSON
						290						288	
6	188	135	489	5	210 / 166	44	111	112	412	5	134 / 88	46	
						334						334	
7	156	665	457	5	178 / 134	44	106	188	407	5	129 / 83	46	
						378						380	
8	152	267	453	5	179 / 125	54	96	122	397	5	119 / 73	46	
						432						426	
9	166	588	467	5	193 / 139	54	91	058	392	5	120 / 62	58	RERUN
						486						484	
10	283	822	584	5	301 / 265	36	[redacted]195	795	496	5	214 / 176	38	
	+ 1785	297				[redacted]	1212	052				522	
	− 1212	052				522						522	
	+ 573	245										1044	
B.M. 102-33													B.M. 102-33
													LANCASTER RD., ABOUT 1.7 MILE
													NW'LY OF MUNZ RANCH RD.
													NO. SIDE OF ROAD
													F.B. 2412-37

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 220 JOB NO. 0301.02 T= 68°

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER OCT. 19, '72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR CAL INST. NO. 75234

TIME 13:15-14:10 ROD NO. 2139A18

NOTES CHKD L. R. M. DATE 4 DEC. '72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 102-33													FROM B.M. 102-33 TO B.M. 102-32
1	200	902	571	5	219 181	38	289	182	590	5	289½ 270	38	B.M. 102-33
					122 [redacted]								LANCASTER RD., ABOUT 1.7
2	93	615	394	5	[redacted] 64	58 96	165	632	466	5	194 136	58 96	MILES NW'LY OF MUNZ
													RANCH RD., NO. SIDE OF ROAD
3	83	901	384	5	111 55	56 152	151	505	452	5	179 123	56 152	F.B. 2412-37
							171						
4	119	405	420	5	144 94	50 202	[redacted]	952	472	5	194 148	46 198	
5	87	814	388	5	115 59	56 258	178	820	479	5	203 153	50 248	T R. ANDERSON
6	116	520	417	5	136 96	40 298	166	522	467	5	191 141	50 298	
		335											
7	61	[redacted]	362	5	90 32	58 356	196	833	497	5	226 166	60 358	
8	159	324	460	5	188 130	58 414	141	633	442	5	111 111	60 418	RERUN
9	183	953	484	5	212 154	58 472	181	300	482	5	209 153	56 474	
10	46	580	347	5	76 16	60	83	165	384	5	113 53	60	
	+ 1153	349				532	1726	544				534	
						+	1153	349				532	
						−	573	195				1066	
B.M. 102-32													B.M. 102-32
													LANCASTER RD, ABOUT 1.0
													MILE NW'LY OF MUNZ
													RANCH RD, NO. SIDE ROAD
													F.B. 2412-36

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 INITIALED 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.L. STRADER DATE 5-OCT. '72 WEATHER OVERCAST & WINDY INST. NO. 75234

NOTES BY R. ANDERSON TIME 13:15-14:20 ROD NO. 21394-B

INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD L.R.M. DATE DEC 72

T. = 78° F.B. 4130 PG. 72

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
B.M. 102-33													FROM B.M. 102-33 TO B.M. 102-34
1	146	692	447	5	121	50	207	442	508	5	182	50	B.M. 102-33
					272						92		LANCASTER RD., ABOUT 1.7 MI.
2	243	416	549	5	214	58	63	621	364	5	34	58	N.W.'LY OF MUNZ RANCH RD.
					277	108					175	108	F.B. 2412-37 NORTH SIDE
3	248	825	549	5	219	58	146	741	447	5	117	58	
					150	166					132	166	
4	122	880	423	5	94	56	104	592	405	5	76	56	
					166	222					74	222	
5	138	253	439	5	110	56	95	090	346	5	16	58	T = STRADER
					195	278					159	280	
6	168	029	469	5	141	54	131	040	432	5	103	56	
					282	332					42	336	
7	254	805	555	5	226	56	16	753	317	5	16	½ 52	
					250	388					35	388	
8	237	132	538	5	224	26	22	460	323	5	9	26	
					288	414					38	414	
9	282	913	583	5	276	12	33	691	334	5	28	10	
					285	424					25	424	
10	279	510	580	5	273	12	20	989	321	5	15	10	
					294	438					38	434	
11	294	272	595	5	281	½ 26	25	719	326	5	12	26	
					230	464					105	460	
12	220	380	521	5	210	20	92	354	393	5	79	26	
+	2637	107				484	-910	Δ92				486	
B.M. 102-34 +	910	Δ92										484	
+	1726	615										970	B.M. 102-34
													LANCASTER RD., ABOUT 2.4 MI.
													N.W.'ERLY OF MUNZ RANCH RD.
													F.B. 2412-38 (100'± SO. OF RD.)

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

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

Do not extend notes this side of this line.

INST. NO. 75234 ROD NO. 2138 A-R DATE 4 DEC 72
WEATHER OVERCAST & CALM TIME 10:45-11:30 '72
NOTES CHKD L. R. M.
T. = 66°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 102-34													FROM B.M. 102-34 TO B.M. 102-33
1	77	188	378	5	87 67	20	275	209	576	5	285 265	20	B.M. 102-34
2	19	035	320	5	28 10	18	276	552	577	5	285 267	18	LANCASTER RD., ABOUT 2.4 MI. N.W.'ERLY OF MUNZ RANCH RD.
3	29	269	330	5	42 16	38 26	271	772	572	5	284 258	38 26	F.B. 2412-38 (100'± SO. OF RD.)
4	10	191	311	5	20 10 ½	64 20	292	261	593	5	292 282 ½	64 20	
5	12	431	313	5	21 3	84 18	246	671	547	5	256 236	84 20	T = STRADER
6	13	917	314	5	37 13 ½	102 48	164	727	465	5	188 140	104 48	
7	137	761	438	5	166 108	150 58	197	650	498	5	225 169	152 56	
8	81	920	382	5	109 53	208 56	167	032	468	5	195 139	208 56	
9	119	260	420	5	149 89	264 60	89	484	390	5	119 59	264 60	
10	93	729	394	5	124 62	324 62	265	830 ~~930~~	566	5	296 234	324 62	
11	59	053	360	5	87 31	386 56	223	116	524	5	250 196	386 54	
12	244	923	545	5	263 225	442 38	155	394	456	5	175 135	440 40	
	+ 898	667				480	2625	698				480	
B.M. 102-33						+	898	667				480	B.M. 102-33
						−	1727	031				960	LANCASTER RD., ABOUT 1.7 MI. N.W.'ERLY OF MUNZ RANCH RD. F.B. 2412-37 (NO. SIDE)

F.B. 4130 PG. 222 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY STRADER NOTES ANDERSON DATE: 11-OCT-72
INDEXED G.D. BAILEY DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM102-33													FROM BM 102-33 TO BM 102-34
1	127	354	428	5	158 96	62	159	150	460	5	190 128	62	BM 102-33
		586 ~~546~~											LANCASTER RD ABOUT 1.7 MI
2	258		559	5	290 226	64	34	722	335	5	67 34	66	N.W. 1/4 OF MUNZ RANCH RD
						126						128	F.B. 2412-37 NORTH SIDE
3	206	309	507	5	237 175	62	210	247	511	5	240 180	60	
						188						188	
4	198	680	499	5	230 166	64	160	678	461	5	192 128	64	
						252						252	T STRADER
5	275	894	576	5	275 245	60	147	161	448	5	177 117	60	
						312						312	
6	162	709	463	5	191 133	58	78	810	379	5	107 49	58	
						370						370	
7	249	220	550	5	260 238	22	35	835	336	5	46 24	22	
						392						392	
8	283	486	584	5	292 274	18	17	919	318	5	28 6	22	
						410						414	RERUN
9	273	924	574	5	280 266	14	64	980	365	5	70 58	12	
						424						426	
10	292	510	593	5	300 284	16	64	430	365	5	71 57	14	
						440						440	
11	272	310	573	5	283 261	22	26	491	327	5	37 15	22	
						462						462	
12	247	773	548	5	259 235	24	121	380	422	5	133 109	24	
+	2818	755				486	1121	803				486	
−	1121	803										486	
BM 102-34	1726	952										972	BM 102-34
													LANCASTER RD ABOUT 2.4 MI
													N.W. 1/4 OF MUNZ RANCH RD
													F.B. 2412-38 (100' ± S. OF RD)

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADDEL
NOTES BY PETERSON DATE 19 OCT 72 WEATHER mostly clear TIME 09:20-10:05
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD L.R.M. DATE 4 DEC 72
INST. NO. 75234 ROD NO. 2134 AD
F.B. 4130 PG. 223
T=58°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. L. STRADER
NOTES BY R. ANDERSON DATE 5-OCT. '72
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD. L. R. M. DATE 4 DEC '72
WEATHER QUEASY & WINDY TIME 14:20-15:05 INST. NO. 75234 ROD NO. 2139 A-B
T = 76°
F.B. 4130 PG. 225

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
B.m 102-34													FROM B.m 102-34 TO B.m. 102-35
1	165	603	466	5	177 153	24	273 71	556	372	5	84 58	26	B.m 102-34
					238						122		LANCASTER RD., ABOUT 2.4 MI
2	227	610	528	5	216	22	111	991	412	5	100	22	N.W.'ERLY OF MUNZ RANCH RD.
					281	46					42	48	100'± SOUTH OF RD.
3	270	615	571	5	259	22	32	800	333	5	22	20	F.B 2412-38
					293	68					22	68	
4	293	224	594	5	281½	24	10	649	311	5	10½	24	
					279	92					46	92	
5	266	245	567	5	253	26	33	571	334	5	20	26	T = STRADER
					286	118	40				56	118	
6	286	015	587	5	270½	32	44	864	341	5	24	32	
					255	150					76	150	
7	241	508	542	5	227	28	56	220	357	5	42	28	
					296	178					96	178	
8	272	052	573	5	248	48	73	250	374	5	50	46	
					291	226					140	224	
9	291	813	592	5	266½	50	115	351	416	5	90	50	
					282	276					137	274	
10	252	100	553	5	222	60	108	776	409	5	79	58	
					298	336					108	332	
11	284	259	585	5	270	28	92	003	393	5	76	32	
+	2851044					364	747025					364	
B.m 102-35 -	747025											364	B.m. 102-35
+	2104019											728	LANCASTER RD., ABOUT 2.9 MI
													N.W.'ERLY OF MUNZ RANCH RD.
													F.B. 2412-39 SOUTH SIDE

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. 4130 Pg. 226 | JOB NO. 0301.02 | SURVEY OF L.A. Co. PRECISE LEVEL NET | SURVEY BY STRADER | NOTES Anderson | DATE: 11-Oct. '72 | INDEXED G. D. BAILEY | DATE

T. = 69°

WEATHER OVER CAST & CALM | INST. NO. 75A 31 | TIME 10:00 - 10:40 | ROD NO. 2/139 Ga | NOTES CHKD. L. R. M. | DATE 4 DEC 72

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
B.M. 102-35									FROM B.M. 102-35 TO B.M. 102-34
1	38	406	339 5	67 9 58	271	325	572 5	301 241 60	B.M. 102-35
				158				298	LANCASTER RD. ABOUT 2.9
2	128	558	429 5	98 60	266	451	567 5	234 64	MI. N.W'ERLY OF MUNZ RANCH RD
				30 118				188 124	F.B 2412-39 SOUTH SIDE RD.
3	16	891	317 5	2 28	177	902	478 5	166 22	
				68 146				290 146	
4	40	600	341 5	12 56	290	495	591 5	265½ 50	
				34 202				289 196	
5	19	013	320 5	4 30	284	994	585 5	265½ 38	
				35 232				299 234	T = STRADER
6	20	750	321 5	5 30	299	172	600 5	283½ 32	
				28 262				299 266	
7	14	939	315 5	14½ 28	299	541	600 5	287½ 24	
				39 290				294 290	
8	23	470	324 5	7 32	294	872	595 5	280½ 28	
				60 322				264 318	
9	45	514	346 5	30 30	297	105	548 5	230 34	
				136 352				157 352	
10	130	466	431 5	124 12	151	290	452 5	145 12	
+	478	607		364	2583	147		364	
B.M. 102-34					+ 478	607		364	B.M. 102-34
					− 2104	540		728	LANCASTER RD. ABOUT 2.4
									MI. N.W'ERLY OF MUNZ RANCH RD
									F.B 2412-38 (100'+ SO. OF RD.)

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM 102-34													FROM BM 102-34 TO BM 102-35
1	185	358	486	5	201 169	32	34	850	335	5	49 19	30	BM 102-34
													LANCASTER RD, ABOUT 2.4 MI
2	239	738	530	5	246 212	34	13	707	314	5	(½) 30 13	34	N.W.'LY OF MUNZ RANCH RD
						68						64	F.B. 2412-38 (100'± S. OF RD)
3	283	388	584	5	292 274	18	58	759	359	5	67 49	18	
						84						82	
4	297	684	598	5	(½) 297 284	26	35	980	336	5	47 23	24	
						110						106	TT STRADER
5	259	453	560	5	271 247	24	54	249	355	5	68 40	28	
						134						134	
6	287	280	588	5	(½) 287 270	34	14	392	315	5	(½) 33 14	38	
						168						172	
7	284	568	585	5	(½) 284 265	38	87	941	388	5	105 69	36	
						206						208	RERUN
8	292	466	593	5	(½) 292 266	52	67	592	368	5	92 42	50	
						258						258	
9	270	429	571	5	297 243	54	127	715	428	5	154 100	54	
						312						312	
10	257	923	558	5	283 231	52	48	790	349	5	74 22	52	
	+ 2648287					364	~~2104312~~					364	
	− ~~2104312~~						-543975					364	
	−* 543975											728	
	+ 2104312												
BM 102-35													BM 102-35
													LANCASTER RD, ABOUT 2.9 MI
													N.W.'LY OF MUNZ RANCH RD.
													F.B. 2412-39 SOUTH SIDE

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON DATE 19 OCT 72 WEATHER CLEAR & BREEZY
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD L.R.M. DATE 4 DEC 72
TIME 10:05 - 10:55 INST. NO 752-34 ROD NO 2139 AB
F.B. 4130 PG. 227
TE 6D

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
B.M. 102.35													FROM B.M. 102.35 TO B.M. 102-36 A
1	184	021	486	5	206 164	42	58	128	359	5	78 38	40	B.M. 102.35
													LANCASTER RD., ABOUT 2.9
2	294	352	595	5	294 266 ½	56	7	802	374	5	100 46	54	MILES NW'LY OF MUNZ
						98						94	RANCH RD.
3	96	849	397	5	124 68	56	188	122	489	5	217 159	58	F.B. 2412-39
						154						152	
4	168	642	469	5	196 140	56	101	291	402	5	131 71	60	
						210						212	
5	216	538	517	5	247 185	62	56	680	357	5	88 24	64	T R. RODRIGUEZ
						272						276	
6	225	012	526	5	258 192	66	117	190	418	5	148 86	62	
						338						338	
7	159	592	460	5	181 137	44	149	891	450	5	172 126	46	
						382						384	
8	161	349	462	5	176 146	30	108	170	409	5	120 96	24	
+	150	355				412	853	274				408	
−	853	274										412	
+	654	081										820	
B.M. 102.36 A													B.M. 102.36 A
													LANCASTER RD., ABOUT 0.5
													MILE EAST OF 160 TH ST. WEST,
													F.B. 3725-86

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

SURVEY BY R.L. STRADER

NOTES BY R.L.S.

INDEXED G.D. BAILEY

DATE OCT. 4 '72

DATE DEC 4 1972

WEATHER Cloudy-Calm

TIME 10:05-10:35

NOTES CHKD L.R.M.

DATE 4 DEC 72

INST. NO. 75234

ROD NO. 2139 A-1

T = 72°

F.B. 4130 PG. 229

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4130 Pg. 230 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER OCT. 10, '72

INDEXED G.D. BAILEY DATE

T=68°

WEATHER CLOUDY - WINDY INST. NO. 75234

TIME 1440 - ROD NO. 2139 A&B

NOTES CHKD. L.R.M. DATE 4 DEC 72

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
B.M. 102-36A	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM B.M. 102-36A TO B.M. 102-35
1	96	032	397	5	126 66	155	051	456	5	185 125	60	B.M. 102-36A
												LANCASTER RD., ABOUT 0.5
2	137	071	438	5	167 107	209	271 ~~[illegible]~~	510	5	238 180	58	MILE EAST OF 160TH ST. WEST
					60 120						118	F.B. 3725-86
3	79	700	380	5	108 50	235	920	536	5	264 206	58	
					58 178						176	
4	94	492	395	5	124 64	192	242	493	5	222 162	60	
					60 238						236	
5	140	182	441	5	165 115	112	492	413	5	139 85	54	T R. RODRIGUEZ
					50 288						290	
6	209	980	510	5	240 178	274	258	575	5	274 1/2 242 1/2	64	
					62 350						354	
7	21	640	322	5	45 21 1/2	274	660	575	5	296 252	44	
					48 398						398	
8	124	330	425	5	130 118	103	531	404	5	109 97	12	
+	903427				12 410	1557425					410	
					+	903427					410	
					−	653998					820	
B.M. 102-35												B.M. 102-35
												LANCASTER RD., ABOUT
												2.9 MILES NO. W'LY OF
												MUNZ RANCH RD.
												F.B. 2412-39

76P526B CE # 308 8/68

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 R.L. STRADER DATE OCT. 6, '72 WEATHER CLEAR, CALM INST. NO. 75234
NOTES BY R.L.S. TIME 10:45-11:30 ROD NO. 2139 A-B
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD L.R.M. DATE 4 DEC 72

T = 72°

F.B. 4130 PG. 23

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
B.M. 102-36 A													FROM B.M. 102-36A TO B.M. 102-37
1	144	620	445	5	165 123	42	112	890	413	5	134 90	44	B.M. 102-36A
													LANCASTER RD., ABOUT 0.5
2	253	602	554	5	283 223	60	53	760	354	5	82 24	58	MILE EAST OF 160TH ST. WEST.
						102						102	F.B. 3725-86
3	256	501 ~~549~~	557	5	286 226	60	41 ~~40~~	061	342	5	72 10	62	
						162						164	
4	279	590	580	5	279½ 219	60	65	640	366	5	95 35	60	
						222						224	
5	225	682	526	5	255 195	60	67	838	368	5	97 37	60	T R. RODRIGUEZ
						282						284	
6	253	682	554	5	283 223	60	40	082	341	5	70 10	60	
						342						344	
7	252	720	553	5	270 234	36	47	662	348	5	64 30	34	
						378						378	
8	274	478	575	5	289 259	30	12	849	313	5	28½ 12	32	
						408						410	
9	296	432	597	5	296½ 282	28	129	652	430	5	142 116	26	
						436						436	
10	206	442	507	5	211 201	10	81	640	382	5	86 76	10	
+	2443	749				446	653	074				446	
−	653	074										446	
B.M. 102-37 +	1790	675										892	B.M. 102-37
													LANCASTER RD. (AVE. G-8) &
													160TH ST. WEST @ '76' UNION
													GAS STATION
													F.B. 2412-41

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4130 PG. 232 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER OCT. 10, '72

INDEXED G.D. BAILEY DATE

T-68°

WEATHER CLOUDY-WINDY INST. NO. 75234

TIME 14:00-14:35 ROD NO. 2.19 A

NOTES CHKD L. R. M. DATE 4 DEC 72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 102-37											FROM B.M. 102-37 TO B.M. 102-36A
1	32	270	333	5	46 18	295	333	596	5	295½ 281½ 28	B.M. 102-37
											LANCASTER RD (AVE. G-8)
2	21	862	322	5	36 6 30	286	330	587	5	301 271 30	@ 160TH ST. WEST @ '76'
					58					58	UNION GAS STATION
3	22	158	323	5	44 0 44	280	148	581	5	280½ 257½ 46	F.B. 2412-41
					102					104	
4	47	902	348	5	77 17 60	255	410	556	5	285 225 60	
					162					164	
5	65	549	366	5	95 35 60	203	961	504	5	232 174 58	T R. RODRIGUEZ
					222					222	
6	61	902	362	5	89 33 56	268	109	569	5	297 239 58	
					278					280	
7	50	569	351	5	80 20 60	262	630	563	5	292 232 60	
					338					340	
8	50	028	351	5	78 22 56	232	649	533	5	260 204 56	
					394					396	
9	93	752	394	5	118 68 50	152	182	453	5	176 128 48	
	+ 445	992			444	2236	752			444	
						+ 445	992			444	
						− 1790	760			888	
B.M. 102-36A											B.M. 102-36A
											LANCASTER RD., ABOUT 0.5
											MILE EAST OF 160TH
											ST. WEST
											F.B. 3725-86

76P526B CE # 308 8/68

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 R.L. STRADER
NOTES BY R.L.S. DATE OCT. 6 '72 WEATHER CLEAR-BREEZY
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD. L.R.M. DATE 4 DEC '72
TIME 11:35-12:10 DIST. NO. 75234 ROD NO. Z139 A.B.
F.B. 4130 PG. 233
T=76°

STATION	BACKSIGHT Right	Mic.	Left.		Stadia	FORESIGHT Right	Mic.	Left.		Stadia	DESCRIPTION AND REMARKS
B.M. 102-37											FROM B.M. 102-37 TO B.M. 102-38
1	24	023	325	5	29 19 10	192	875	493	5	197 187 10	B.M. 102-37
											LANCASTER RD. (AVE. G-8) &
2	16	698	317	5	27 5 22	254	849	555	5	265 243 22	160TH ST. WEST @ '76' UNION
					32					32	GAS STATION
3	36	825	337	5	64 8 56	257	407	558	5	281 233 48	F.B. 2412-41
					88					80	
4	16	~~888~~ 227	317	5	38 16 ½ 44	283	638	584	5	283½ 258½ 50	
					132					130	
5	21	009	~~332~~ 322	5	46 21 ½ 50	261	282	562	5	286 236 50	T R. ANDERSON
					182					180	
6	22	888	323	5	49 22 ½ 54	211	150	512	5	238 189 54	
					236					234	
7	94	955	395	5	120 68 52	146	593	447	5	173 119 54	
					2~~1~~88					2~~1~~88	
8	101	941	402	5	116 86 30	140	022	441	5	158 122 36	
+	334	566			3~~1~~18	1747	816			3~~1~~24	
					+	334	566			3~~1~~18	
					-	1413	250			6~~8~~42	
										642	
B.M. 102-38											B.M. 102-38
											LANCASTER RD. & 160TH ST. WEST,
											ABOUT 0.4 MILE NORTH OF
											AVE. G-8
											F.B. 2412-42

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4130 PG. 234 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER OCT. 19, '72

INDEXED G.D. BAILEY DATE

WEATHER CLOUDY - WINDY INST. NO. 75234

TIME 11:15-11:50 ROD NO. 1394-B

NOTES CHKD L. R. M. DATE 4 DEC. '72

T = 64°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 102-38	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 102-38 TO B.M. 102-37
1	180	965	481	5	205 155	50	122	388	423	5	147 97	50	B.M. 102-38
													LANCASTER RD & 160TH ST. WEST,
2	152	782	453	5	179 125	54	67	153	368	5	95 39	56	ABOUT 0.4 MILE NO. OF
						104						106	AVE. "G-8"
3	230	897	531	5	256 204	52	17	678	318	5	43 17 1/2	52	F.B. 2412-42
						156						158	
4	251	275	552	5	276 226	50	16	014	317	5	38 16 1/2	44	
						206		258				202	
5	258	888	559	5	279 237	42	29	~~[illegible]~~	330	5	51 7	44	π R. ANDERSON
						248						246	
6	243	523	544	5	265 221	44	51	779	352	5	75 27	48	
						292						294	
7	282	517	583	5	295 269	26	15	397	316	5	28 2	26	
						318						320	
8	207	017	508	5	212 202	10	74	808	375	5	79 69	10	
+	1807	864				328	384	475				330	
−	384	475										328	
+	1413	389										658	
B.M. 102-37													B.M. 102-37
													LANCASTER RD. (AVE. G-8)
													& 160TH ST. WEST @ '76'
													UNION STATION
													F.B. 2412-41

76P526B CE # 308 8/68

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 R.L. STRADER
NOTES BY R.L.S.
DATE OCT. 6, '72
WEATHER CLEAR, CALM
INST. NO. 75234
INDEXED G.D. BAILEY
DATE DEC 4 1972
NOTES CHKD. L.R.M.
TIME 13:15
ROD NO. 239A-13
DATE 4 DEC '72
F.B. 4130 PG. 235
T = 86°

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
B.M. 102-38													FROM B.M. 102-38 TO B.M. 102-39
1	232	582	533	5	258 206	52	152	028	453	5	178 126	52	B.M. 102-38
													LANCASTER RD. & 160TH ST. WEST,
2	92	442	393	5	122 62	60	141	458	442	5	171 111	60	ABOUT 0.4 MILE NORTH OF
						112						112	AVE. G-8
3	133	580	434	5	163 103	60	160	902	461	5	189 131	58	F.B. 2412-42
						172						170	
4	146	210	447	5	176 116	60	119	935	420	5	149 89	60	
						232						230	
5	184	815	485	5	214 154	60	100	101	401	5	129 71	58	T R. ANDERSON
						292						288	
6	180	948	481	5	211 149	62	118	881	419	5	148 88	60	
						354						348	
7	146	379	447	5	163 129	34	80	614	381	5	100 60	40	
+	1116	956				388	873	919				388	
−	873	919										388	
+	243	037										776	
B.M. 102-39													B.M. 102-39
													LANCASTER RD., ABOUT 0.5
													MILE NO. WEST OF 160TH ST
													WEST, NO. SIDE ROAD
													F.B. 2412-43

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. 4130 PG. 236 JOB NO. 0301.02 T = 64°

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER OCT. 10, '72

INDEXED ~~G.D. BAILEY~~ DATE

WEATHER CLOUDY - WINDY INST. NO. 5234

TIME 10:40-11:10 ROD NO. 139 A-B

NOTES CHKD. L. R. M. DATE AUG. '72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 102-39									FROM B.M. 102-39 TO B.M. 102-38
1	75	708	376	5	158	118	459	5	B.M. 102-39
				104 46 58				181 129 58	LANCASTER RD., ABOUT 0.5
2	105	622	406	5	179	628	480	5	MILE NO. WEST OF 160TH ST.
				136 74 62				211 147 64	
				120				122	WEST, NO. SIDE ROAD
3	88	188	389	5	155	039	456	5	F.B. 2412-43
				119 57 62				186 124 62	
				182				184	
4	130	230	431	5	127	138	428	5	
				161 99 62				158 96 62	
				244				246	
5	146	482	447	5	136	460	437	5	π R. ANDERSON
				177 115 62				166 106 60	
				306				306	
6	173 ~~[illegible]~~	448	474	5	124	580	425	5	
				203 143 60				154 94 60	
				366				366	
7	61	765	362	5	143	608	444	5	
				73 49 24				155 131 24	
+	781	443		390	1024	571		390	
				+	781	443		390	
				−	243	128		780	
B.M. 102-38									B.M. 102-38
									LANCASTER RD. & 160TH ST. WEST,
									ABOUT 0.4 MILE NO. OF
									AVE. G-8.
									F.B. 2412-42

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM102-39													FROM BM102-39 TO BM102-40
1	161	762	462	5	191 131	60	73	006	374	5	103 43	60	BM102-39
													LANCASTER Rd. 0.5 MI N.W
2	242	541	543	5	270 214	56	38	740	339	5	2) 66 38	56	OF 160TH ST W NO. SIDE of Rd
						116						116	FB 2412-43
3	176	410	477	5	203 149	54	172	395	473	5	199 145	54	
						170						170	
4	146	040	447	5	174 118	56	228	205	529	5	256 200	56	K. B. STRADER
						226						226	
5	206	370	507	5	221 191	30	207	973	508	5	222 192	30	
						256						256	
	22	109	323	5	2) 49 22	54	279	102	580	5	2) 279 252	54	
						310						310	
7	49	471	350	5	76 22	54	204	049	505	5	232 176	56	
						364						366	
8	157	481	458	5	169 145	24	155	831	456	5	166 144	22	
	+ 1162	384				388	1359	301				388	
							+ 1162	384				388	
							− 196	917				776	
BM102-40													BM 102-40
													LANCASTER Rd & AV "F" 8
													@ S.E. COR of FAIRMONT
													SCHOOL GROUNDS
													FB 2412-44

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

SURVEY BY TRODRIGUEZ DATE 6 OCT-72 TIME 14.05-14.40 WEATHER Clear/Windy INST. NO. 75234

NOTES BY J. Leader ROD NO. 2137 HB

INDEXED G. D. BAILEY DATE DEC 4 1972 NOTES CHKD. L. R. M. DATE 4 DEC 72

T = 84°

F.B. 4130 PG. 237

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.

INST. NO. 73234 ROD NO. 73240 DATE 4 DEC 72

WEATHER Overcast TIME 9:50 - 10:20 NOTES CHKD L. R. M.

T=64°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM102-40													From BM102-40 To BM102-39
1	194	460	495	5	225 163	62	106	583	407	5	137 75	62	BM102-40
													Lancaster Rd & HV "F-8"
2	269	319	570	5	299 239	60	14	391	315	5	2) 42 14	56	@ SE. cor. of Fairmont
						122						118	School grounds.
3	280	339	581	5	2) 280 253	54	191	869	492	5	218 164	54	FB 2412-44
						176						172	
4	219	510	520	5	248 190	58	151	649	452	5	182 120	62	T Strader
						234						234	
5	163	700	464	5	195 151 143 120	64	255	410	556	5	283 227	56	
						298						290	
6	48	973	349	5	77 19	58	234	060	537	5	268 204	64	
						356						354	
7	114	365	415	5	130 98	32	137	936	438	5	157 117	40	
	+ 1290	666				388	1093	898				394	
	- 1093	898										388	
	+ 196	768										782	
BM102-39													BM 102-39
													Lancaster Rd 0.5 mi
													N.W. of 160th St W.
													No. side of Rd
													FB 2412-43

F.B. 4130 Pg. 238 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level net
SURVEY BY Strader NOTES Tuesday 10-OCT-72
INDEXED G.D. BAILEY DATE

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY R.L.S. DATE OCT. 12, '72 WEATHER CLOUDY-CALM INST. NO 75234
INDEXED G.D. BAILEY DATE DEC 4 1972 TIME 10:25-10:50 ROD NO 2139 A-B
NOTES CHKD L.R.M. DATE 4 DEC '72

T=64°

F.B. 4130 PG. 239

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
B.M. 102-40													FROM B.M. 102-40 TO B.M. 102-41
1	79	787	380	5	92 66	26	113	112	414	5	126 100	26	B.M. 102-40 LANCASTER RD. & AVE. F-8
2	66	302	367	5	99 33	66	99	322	400	5	132 99½	66	WESTERLY SIDE OF ROAD
						92						92	F.B. 2412-44
3	225	125	526	5	256 194	62	74	305	375	5	104 44	60	
						154						152	
4	169	038	470	5	199 139	60	133	678	434	5	164 102	62	
						214						214	
5	76	631	377	5	106 46	60	204	098	505	5	234 174	60	π R. ANDERSON
						274						274	
6	132	077	433	5	144 120	24	93	738	394	5	105 81	24	
						298	718	253				298	
												298	
												596	
+	748	960											
−	718	253											
+	30	707											
B.M. 102-41													B.M. 102-41 LANCASTER RD. (AVE. F-8) & 170TH ST. WEST, SO. SIDE OF ROAD, F.B. 2412-45

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4130 PG. 240 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVELNET

SURVEY BY R.L.S. NOTES PETERSON 25 OCT 72

INDEXED G.D. BAILEY DATE

T=64

WEATHER CLEAR & BREEZY 46HT

TIME 11:25

NOTES CHKD L. R. M.

INST. NO. 75234

ROD NO. 2139 AB

DATE 4 DEC 72

STATION	BACKSIGHT Right	Mic.	Left.		Stadia	FORESIGHT Right	Mic.	Left.		Stadia	DESCRIPTION AND REMARKS
BM102-41											From BM102-41 To BM102-40
1	101	122	402	5	102 / 95 / 12	140	975	441	5	147 / 133 / 14	BM102-41 LANCASTER RD (AVE F-8) & 170TH ST. W, SOUTH SIDE F.B. 2412-45
2	195	780	496	5	222 / 168 / 54	72	885	373	5	101 / 43 / 58	
					66					72	
3	139	217	440	5	168 / 110 / 58	141	370	442	5	167 / 115 / 52	
					124					124	
4	85	338	386	5	115 / 55 / 60	253	290	554	5	283 / 223 / 60	
					184					184	T ANDERSON
5	108	530	409	5	139 / 77 / 62	132	698	433	5	163 / 101 / 62	
					246					246	
6	182	793	483	5	203 / 161 / 42	102	322	403	5	123 / 81 / 42	
	+ 812	780			288	843	540			288	
						+ 812	780			288	
						− 30	760			576	
BM102-40											BM102-40 LANCASTER RD. & AVE F-8 WESTERLY SIDE OF ROAD F.B. 2412-44

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY R.L.S.
INDEXED G.D. BAILEY
DATE OCT. 12, '72
TIME 10:55 - 11:25
WEATHER CLOUDY-CALM
ROD NO 2131 A-B
DATE DEC 4 1972
NOTES CHKD L.R.M.
DATE 4 DEC '72
INST. NO 75234
T = 64°
F.B. 4136 PG. 741

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
B.M. 102-41													FROM B.M. 102-41 TO B.M. 102-42
1	141	303	442	5	170 112	58	131	318	432	5	159 103	56	B.M. 102-41
													LANCASTER RD. (AVE. F-8) &
2	190	232	491	5	220 160	60	122	620	423	5	153 91	62	170TH ST. WEST, SO. SIDE OF ROAD,
						118						118	F.B. 2412-45
3	147	013	448	5	178 116	62	100	987	401	5	131 69	62	
						180						180	
4	118	492	419	5	152 84	68	61	948	362	5	94 28	66	
						248						246	
5	226	677	527	5	262 190	72	31	875	332	5	67 31½	72	T ~~[illegible]~~ R. ANDERSON
						320						318	
6	242	522	543	5	278 206	72	15	213	316	5	51 15½	72	
						392						390	
7	154	253	455	5	168 140	28	65	088	366	5	79 51	28	
+	1220	492				420	529	049				418	
-	529	049										420	
+	691	443										838	
B.M. 102-42													B.M. 102-42
													LANCASTER RD., ABOUT 0.5
													MILE WEST OF 170TH ST. WEST,
													SO. SIDE OF ROAD.
													F.B. 2412-46

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 4130 PG. 242 JOB NO. 30.02 SURVEY OF L.A.Co. PRECISE LEVEL NET SURVEY BY R.L.S. NOTES PETERSON 25 OCT 72 INDEXED G.D. BAILEY DATE

WEATHER CLEAR & CALM INST. NO. 75231 TIME 10:50 - 11:25 ROD NO. 2/39 NOTES CHKD. L. R. M. DATE 4 DEC 72

T=64°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 102-42	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 102-42 TO BM 102-41
1	91	370	392	5	99 / 83	16	163	190	464	5	171 / 155	16	BM 102-42
													LANCASTER RD. ABOUT 0.5 MI
2	85	391 / ~~362~~	386	5	109 / 61	48	214 / ~~215~~	886	515	5	238 / 190	48	W. OF 70TH ST. W. SO. SIDE
						64						64	F.B. 2412-46
3	53	731	354	5	79 / 27	52	212	900	513	5	238 / 186	52	
						116						116	
4	52	272	353	5	80 / 24	56	198	995	499	5	226 / 170	56	X ANDERSON
						172						172	
5	72	343	373	5	99 / 45	54	135	338	436	5	160 / 110	50	
						226						222	
6	126	970	427	5	156 / 98	56	168	582	469	5	198 / 138	60	
						282						282	
7	131	310	432	5	162 / 102	58	148	772	449	5	176 / 120	56	
						340						338	
8	76	338	377	5	104 / 48	58	135	123	436	5	163 / 107	56	
						398						394	
9	118	182	419	5	132 / 104	28	121	660	422	5	136 / 106	30	
+	807	907				426	1499	446				424	
						+	807	907				426	
						−	691	539				850	
BM 102-41													BM 102-41
													LANCASTER RD (AVE F-8) &
													170TH ST. W, SOUTH SIDE
													F.B. 2412-45

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L.S. STRADER
NOTES BY R.L.S. DATE OCT. 12, '72 WEATHER CLEAR-CALM INST. NO. 15236
INDEXED G.D. BAILEY DATE DEC 4 1972 TIME 13:50-14:20 ROD NO. 2139 A
NOTES CHKD L.R.M. DATE 4 DEC 72
T = 72°
F.B. 4130 PG. 243

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 102-42									FROM B.M. 102-42 TO B.M. 102-43
1	207	341	508	5 234 180 54	69	938	370	5 96 42 54	B.M. 102-42
2	229	459 ~~510~~	530	5 256 202 54 108	78	540	379	5 106 50 56 110	LANCASTER RD. ABOUT 0.5 MILE W. OF 170TH ST. W.
3	225	680	526	5 252 198 54 162	68	800	369	5 96 40 56 166	SO. SIDE OF ROAD F.B. 2412-46
4	99	300	400	5 123 75 48 210	136	750	437	5 158 114 44 210	
5	175	350	476	5 199 151 48 258	118	100	419	5 142 94 48 258	T R. RODRIGUEZ
6	194	192	495	5 222 166 56 314	126	492	427	5 153 99 54 312	
7	193	522	494	5 218 168 50 364	100	442	401	5 125 75 50 362	
8	177	690	478	5 194 160 34 398	81	142	382	5 98 64 34 396	
	+ 1502	534			780	204			398
	− 780	204							794
	+ 722	330							
B.M. 102-43									B.M. 102-43 LANCASTER RD. & 180TH ST. WEST, SO. SIDE OF ROAD F.B. 2412-47

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F.B. 4130 PG. 244 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 25-OCT. '72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR & CALM INST. NO. 75234

TIME 10:10-10:45 ROD NO. 2132 A-4

NOTES CHKD L. R. M. DATE 4 DEC. '72

T = 640

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 102-43 TO B.M. 102-42
B.M. 102-43					84						212		B.M. 102-43
1	62	968	363	5	40	44	190	822	491	5	168	44	LANCASTER RD. & 180TH ST. W.
					140						210		F.B. 2412-47 SOUTH SIDE
2	115	920	416	5	90	50	185	222	486	5	160	50	
					143	94					220	94	
3	118	331	419	5	93	50	195	700	496	5	170	50	
					149	144					198	144	
4	124	529	425	5	99	50	173	868	474	5	148	50	
		452			195	194					174	194	
5	170	~~508~~	471	5	145	50	151	640	452	5	128	46	T = RODRIGUEZ
					96	244					256	240	
6	71	740	372	5	46	50	230	042	531	5	204	52	
					125	294					253	292	
7	100	910	401	5	75	50	228	548	529	5	203	50	
		119			101	344					232	342	
8	76	+39	377	5	51	50	207	320	508	5	182	50	
+	840969					394	1563162					392	
B.M. 102-42							+ 840969					394	B.M. 102-42
							− 722193					786	LANCASTER RD., ABOUT 0.5 MI. W. OF 170TH. ST. W.
													F.B. 2412-46 SOUTH SIDE

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L.S. STRADER DATE OCT. 12, '72 WEATHER CLEAR-CALM INST. NO. 75234
NOTES BY R.L.S. TIME 14:25-14:55 ROD NO. 2139 A-B
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD L.R.M. DATE 4 DEC '72

T = 72°

F.B. 4130 PG. 245

STATION	BACKSIGHT Right	Mic.	Left.		Stadia	FORESIGHT Right	Mic.	Left.		Stadia	DESCRIPTION AND REMARKS
B.M. 102-43											FROM B.M. 102-43 TO B.M. 102-44
1	300	262	601	5	300 ½ / 274 / 52	~~102~~ 101	969	402	5	128 / 74 / 54	B.M. 102-43
											LANCASTER RD. & 180TH ST. WEST
2	207	532	508	5	234 / 180 / 54	153	612	454	5	180 / 126 / 54	SO. SIDE OF ROAD
					106					108	F.B. 2412-47
3	197 ~~198~~	729	498	5	224 / 170 / 54	89	180	390	5	115 / 63 / 52	
					160					160	
4	204	350	505	5	232 / 176 / 56	35	158	336	5	62 / 8 / 54	
					216					214	
5	242	929	543	5	272 / 212 / 60	46	849	347	5	72 / 20 / 52	T R. RODRIGUEZ
					276					266	
6	259	571	560	5	286 / 232 / 54	40	701	341	5	72 / 8 / 64	
					330					330	
7	273	792	574	5	273 / 243½ / 60	48	111	349	5	78 / 18 / 60	
					390					390	
8	137	422	438	5	143 / 131 / 12	76	532	377	5	82 / 70 / 12	
	+ 1823	587			402	592	112			402	
	− 592	112								402	
	+ 1231	475								804	
B.M. 102-44											B.M. 102-44
											LANCASTER RD., ABOUT 0.5
											MILE EAST OF 190TH ST. WEST,
											SO. SIDE OF ROAD
											F.B. 2412-48

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F.B. 4130 PG. 246 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVELNET
SURVEY BY Stranne NOTES Anderson DATE: 25-Oct. '72
INDEXED G.D. BAILEY DATE
NOTES CHKD L. R. M. DATE 4 DEC 72
WEATHER CLEAR & CALM INST. NO. 75234
TIME 09:20-10:05 ROD NO. 287 A&G
T. = 58°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 102-44 TO B.M. 102-43
B.M. 102-44					47						246		B.M. 102-44
1	27	751	328	5	27 ½	40	226	710	527	5	208	40	LANCASTER RD., ABOUT 0.5 MI.
					38						236		E. OF 190TH. ST. W. (SOUTH SIDE
2	14	798	315	5	14 ½	48	211	161	512	5	186	50	F.B. 2412-48
					93	88					281	90	
3	68	841	369	5	43	50	256	428	557	5	231	50	
	93				118	138					271	140	
4	88	411	394	5	68	50	248	690	549	5	225	46	
					80	188					208	186	T = RODRIGUEZ
5	55	500	356	5	30	50	183	932	484	5	158	50	
					130	238					236	236	
6	105	382	406	5	80	50	211	158	512	5	186	50	
					179	288					225	286	
7	154	790	455	5	129	50	200	740	501	5	175	50	
					159	338					294	336	
8	134	288	435	5	109	50	294	382	595	5	269 ½	50	
					126	388					180	386	
9	120	676	421	5	114	12	174	049	475	5	168	12	
	+ 775	431				400	2007	250				398	
B.M. 102-43						+	775	431				400	B.M. 102-43
						-	1231	819				798	LANCASTER RD. & 180TH. ST. W.
													F.B. 2412-47 SOUTH SIDE

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY R. ANDERSON DATE 25-OCT. '72 WEATHER CLEAR & CALM INST. NO. 75234
INDEXED G.D. BAILEY DATE DEC 4 1972 NOTES CHKD. L.R.M. DATE 4 DEC '72
F.B. 4130 PG. 247
T = 7.00

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 102-43 TO B.M. 102-44
B.M. 102-43					278						78		B.M. 102-43
1	252	260	553	5	226	52	52	781	353	5	26	52	LANCASTER RD. & 180TH. ST. W.
					232						165		F.B. 2412-47 SOUTH SIDE
2	206	079	507	5	180	52	139	480	440	5	113	52	128
					220	104	99	482	400	5	121	104	76
3	195	280	496	5	170	50	~~100~~	~~018~~	~~401~~	~~5~~	~~69~~	56	
					212	154					92	168	
4	186	880	487	5	160	52	70	531	371	5	48	44	T = RODRIGUEZ
					280	206					107	204	
5	255	889	556	5	230	50	82	178	383	5	57	50	
					282	256					79	254	
6	258	430	559	5	234	48	56	172	357	5	33	46	RERUN
					222	304					44	300	
7	197	372	498	5	172	50	16	951	317	5	16 ½	56	
					258	354					61	356	
8	239	998	540	5	220	38	43	142	344	5	25	36	
+	1792	188				392	560	717				392	
B.M. 102-44	560	717										392	B.M. 102-44
+	1231	471										784	LANCASTER RD. ABOUT 0.5 MI. E. OF 190TH. ST. W.
													F.B. 2412-48 SOUTH SIDE

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F.B. 4130 Pg. 248 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY Stradley NOTES RODRIGUEZ 25 OCT 72

INDEXED G.D. BAILEY DATE

T = 72°

WEATHER Clear/Calm INST. NO. 75234

TIME 14:10 - 14:50 ROD NO. 239MC

NOTES CHKD L. R. M. DATE 4 DEC 72

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM102-44	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM102-44 TO BM102-43
1	38	714	339	5	2) 61 38	46	254	654	555	5	287 231	46	BM 102-44
													LANCASTER Rd 0.5 mi EAST
2	33	061	334	5	61 5	56	273	930 905	574	5	301 245	56	OF 190TH ST W. SO. SIDE ST.
						102						102	FB 2412-48
3	34	113	335	5	64 4	60	252	404	553	5	283 221	62	
						162						164	T PETERSON
4	26	087	327	5	2) 55 26	58	219	178	520	5	247 191	56	
						220						220	
5	119	002	420	5	142 91	56	203	308	504	5	231 175	56	
						276						276	
6	130	342	431	5	159 101	58	203	792	504	5	232 174	58	
						334						334	RERUN
7	131	905	432	5	149 113	36	269	472	570	5	284 252	34	
						370						368	
8	131	938	432	5	138 124	14	199	933	500	5	207 191	16	
	+	645	162			384	1876671					384	
							+ 645 162					384	
BM102-43							− 1231509					768	BM 102-43
													LANCASTER Rd & 180TH ST W.
													SO. SIDE ST.
													FB 2412-47

[redacted]

The not certified unless this copy of this line.

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

SURVEY BY R. L. STRADER

NOTES BY R. ANDERSON

C. D. BAILEY

DATE 13-OCT.-'72

DATE DEC 4 1972

WEATHER CLEAR & CALM

TIME 09:25-09:45

NOTES CHKD. L. R. M.

ROD NO. 2138 A

DATE

T = 62°

F.B. 4130 PG. 249

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M 102-44	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M 102-44 TO B.M. 102-45A
1	165	951	466	5	196 135 218	60	122	521	423	5	162 92 170	60	B.M. 102-44 AVE. F-8, ABOUT 0.5 MI. E.
2	188	636	489	5	158 226	60 120	139	956	440	5	108 89	62 122	OF 190TH. ST. W. - SOUTH SIDE F.B 2412-98
3	195	579	496	5	164 218	62 182	59	447	360	5	29 157	60 87	
4	192	304	493	5	166	52	131	289	432	5	105	52	
	+	742	470			234	453	213				234	
5	-	453	213	5								234	T = S TRADER
	+	289	257									468	
B.M. 102-45A													B.M. 102-45A AVE. F-8, ABOUT 0.22 MI E. OF 190TH ST. W. - NORTH SIDE F.B 2876-10

LOS
403 Los

4130

STATION												DESCRIPTION
												B.M. 102-45 H
1	133 746	434	5	114	38	157 253	458	5	138	38		AVE. F-8, ABOUT 0.22 MI.
				102					256			E. OF 190TH. ST. W.
2	71 620	372	5	40	62	225 912	526	5	194	62		F.B. 2876-10 NORTH SIDE
				179	100				231	100		
3	145 177	446	5	111	68	198 530	499	5	165	66		T = STRADER
				176	168				269	166		
4	147 202	448	5	118	58	239 604	540	5	209	60		
				150	226				116	226		
5	144 794	445	5	138	12	110 499	411	5	104	12		
+	642 539				238	931 798				238		
B.M. 102-44					+	642 539				238		B.M. 102-44
					-	289 259				476		LANCASTER RD., ABOUT 0.5
												MI. E. OF 190TH. ST. W.
												F.B. 2412-48 SOUTH SIDE

T = 620

WEATHER CLOUDY
TIME 14:30 -
NOTES CHKD

F.B. 4130 PG. 250 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY STRADER NOTES ANDERSON DATE: 16-OCT. '72
INDEXED G.D. RAILEY DATE