Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

F. B. 2441 PG.

BOOK INDEX F.B. 2441 - PAGES

LINE NO. 112, DESCRIPTIONS 1960	5 TO 12
" " " DIFF. IN ELEV'S 1960	21 TO 58
" " " " " " 1972	59 TO 102
LINE NO. 113, DESCRIPTIONS 1960	127 TO 136
" " " DIFF. IN ELEV'S 1960	147 TO 184
" " " DIFF. IN ELEV. 1972	185 TO 216

Microfilmed in Feb 86

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Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes AGG Date 3-1-60	
Date	Indexed A. C. Johnson 3-28-60	

J.N. 0301.02

LINE 112

ANTELOPE VALLEY — GODDE HILL RD; NORTH FROM ELIZABETH LAKE PINE CANYON ROAD TO AVE M-8 & 60TH ST W.

(8-21-1972)
SEE F.B. 3726-223 TO 240
FOR ADDITIONAL B.M.'S

GUIZADO	A.C.
GOBLE	A.L.
OHASHI	T
GLIDDEN	R.D.
BICKGLER	T.A.

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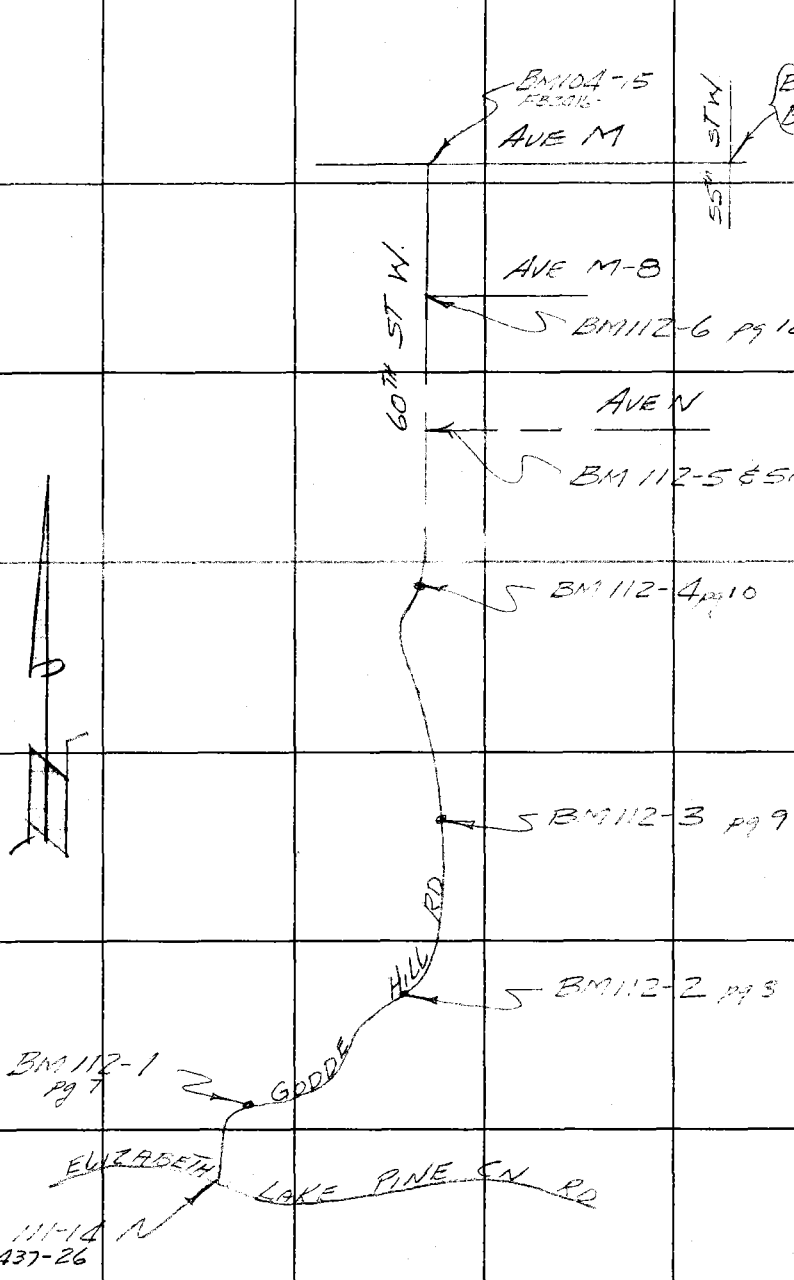
70-209S CE #247—3-57

F. B. 2441 PG. 6

INDEX



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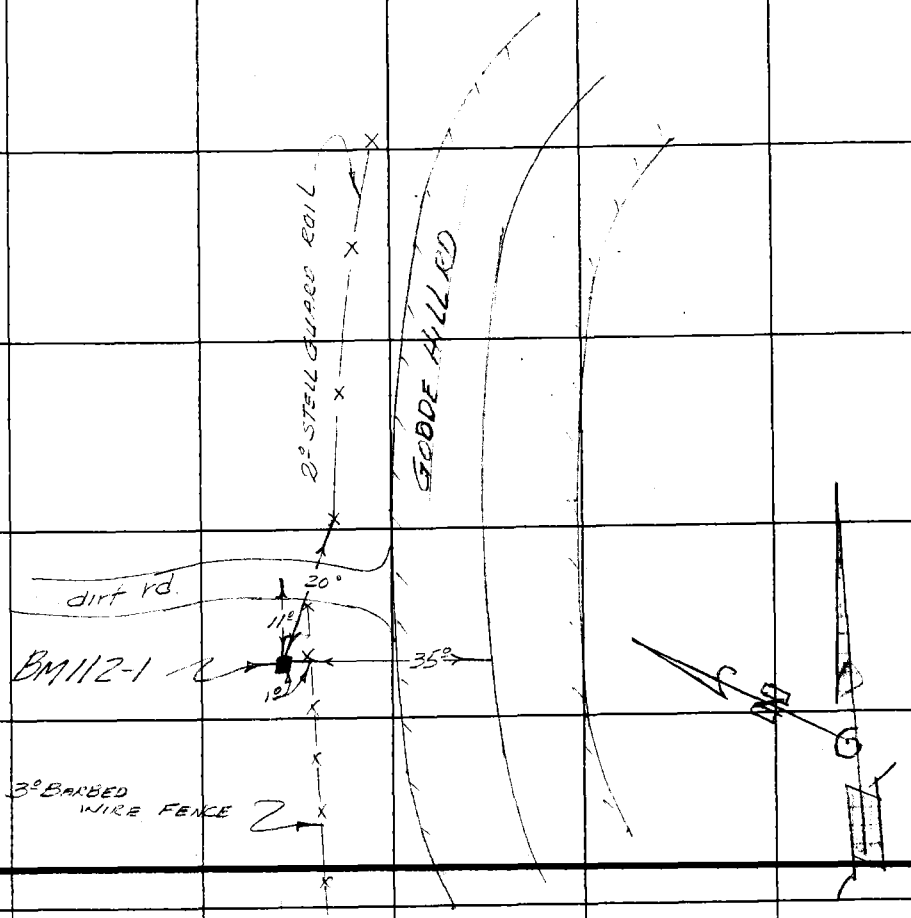
Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NE
Map No.	JN 0301-02 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date 3-7-60
Date	Indexed A. C. JOHNSON

F. B. 2441 Pg. 7

BM 112-1 (USC&GS * F-1045 1960)
ANTELOPE VALLEY - QUARTZ HILL AREA
0.7 M. N. OF ELIZ. LAKE PINE CN RD ON
GOODE HILL RD, W. SIDE, 35° W. OF CTR.
OF Rd & 11° S. OF CTR OF DIRT Rd - 20°
S'LY OF S END OF STEEL GUARD RAIL -- Fd
A USC&GS BM BRASS CAP MON MK'D "F1045
1960" in A 12" ROUND CONC. POST UP 6" & 2°
W. OF A WITNESS MARKER



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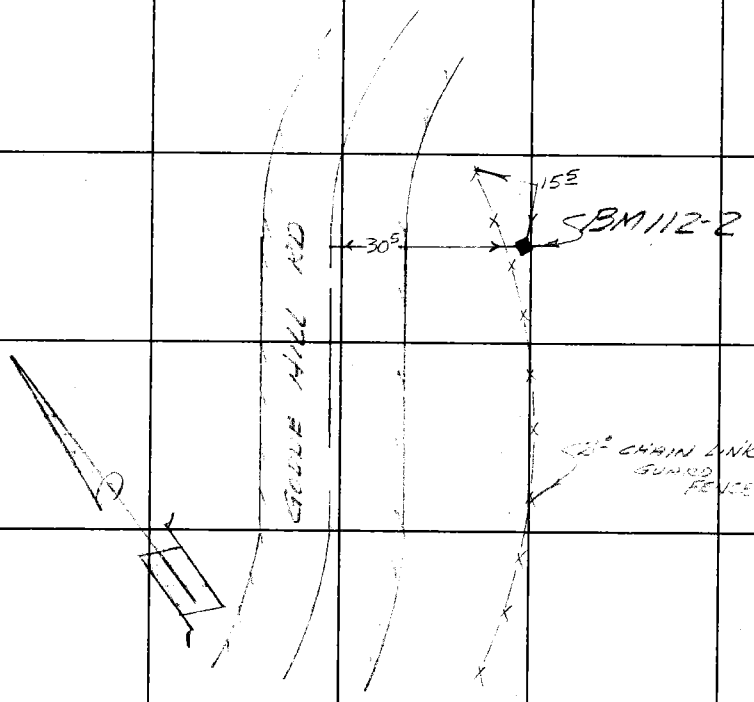
70-309S CE #247—3-57

F. B. 2441 PG. 8

BM 112-2 (USC&GS *E-1045 1960)
ANTELOPE VALLEY – QUARTZ HILL AREA
1.0 MI. N. OF ELIZ. LAKE PINE CN RD ON
GOODE HILL RD, E'LY SIDE, 30' E'LY OF CTR
OF RD & 15' S'LY FROM N'LY END OF 2' CHAIN
LINK GUARD FENCE – FD A USC&GS BM
BRASS CAP MON MKD "E-1045 1960" IN
A 12" ROUND CONC POST UP 6" & 2' N'LY OF
A WITNESS MARKER.



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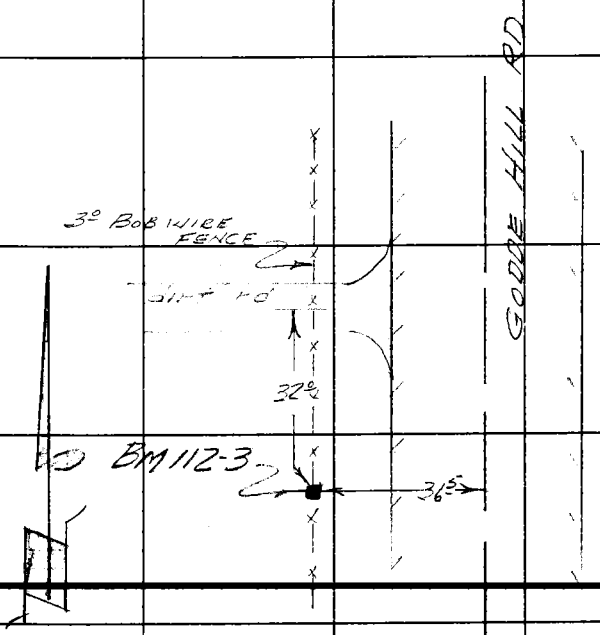
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by A. C. GUIZADO
Checked	Notes ACG Date 3/7/60
Date	Indexed A. C. Johnson

BM112-3 (USC&GS #D-1045 1960) ANTELOPE VALLEY 2.2 MI N. OF ELIZ. LAKE PINE CN RD ON GODDE HILL RD W. SIDE, 36.5 W. OF CTR. OF RD & 32° S. OF CTR. OF dirt rd. Fd A USC&GS BM. MON W/A 3½ BRASS CAP MK'D "D-1045 1960" IN A 12" ROUND CONC post up 6" & 2° W. OF A WITNESS MARKER



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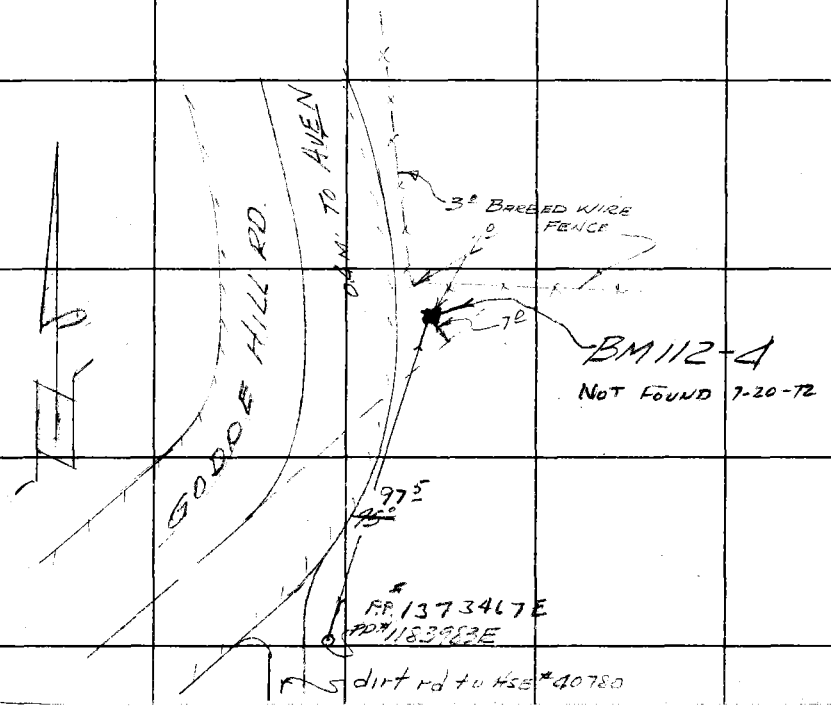
76F309S CE #247—3-57

F. B. 2441 PG. 10

BM 112-4

ANTELOPE VALLEY — QUARTZ HILL AREA ON GODDE HILL RD, E. SIDE, 0.4 MI S'Y OF AVE N, 2° S'Y OF SW FENCE COR., 7° N'WAY OF TANGENT PRODUCED N'E'Y & 97.5° N OF PP# 1373467E — SET A STD. CO. ENGR BM BRASS CAP MON MK'D "BM 112-4 1960 RE5869" IN A 12" SQ. CONC. POST UP 6" & 2° N. OF AN ORANGE WITNESS [illegible]

NOT FOUND, 7-20-72 G.E.D. ROAD REALIGNED
B.M. 112-4A, F.B. 3726-231



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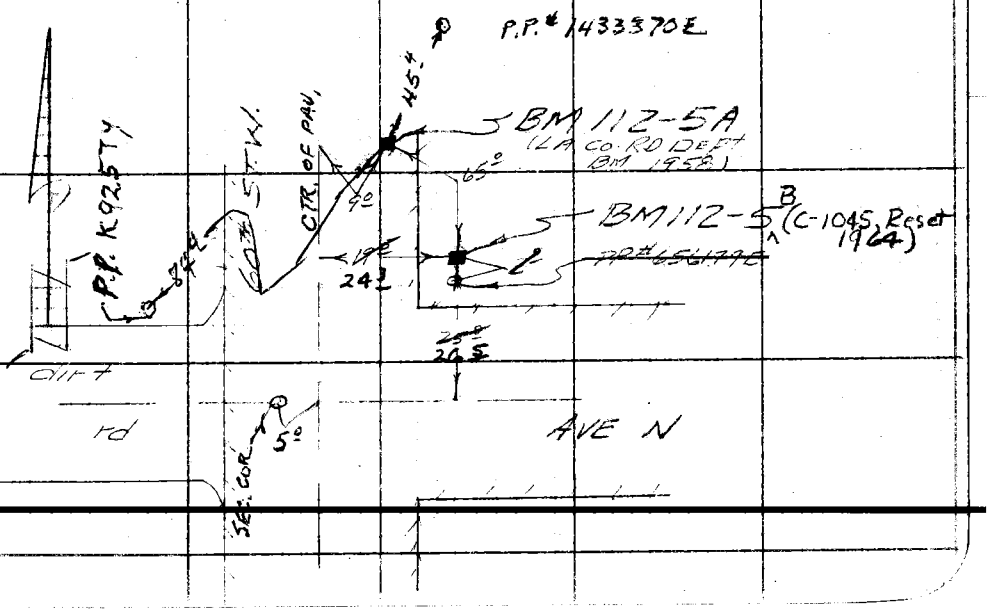
Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET. B. 2441 Pg. 11
Map No.	~~W.O.~~ J.N. 0302.61 Tape No. St'd. °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date 3/7/80
Date	Indexed A. C. Johnson

BM 112-5 B (USC&GS #C-1045 ~~1960~~) RE-SET 1964
ANTELOPE VALLEY, AVE N & 60TH ST W
NE COR., ~~17.5~~ 24.3 E & ~~25.8~~ 26.5 N OF CTR OF ROAD
INTERSECTION ~~& 2° N OF PP# 656179E~~, Fd. A
USC&GS BM BRASS CAP MON MK'D # C-1045 ~~1960~~ RESET 1964" IN
A 12" ROUND CONC POST UP 6"
MK'd. RE-SET 1964 J.M.M 4/24/67

BM 112-5A (L.A. Co. RD DEPT 1958)
ANTELOPE VALLEY, AVE N & 60TH ST W, E SIDE
OF ROAD, 9° E. OF CTR OF RD, 80° N. OF CTR OF
AVE N & 65° N'LY OF BM 112-5, Fd A L.A. Co.
RD DEPT BM MON MK'D "L.A. Co RD DEPT BM 1958",
UNDER CAST IRON COVER MK'D "LA Co RD DEPT".
DN ABOUT 9"



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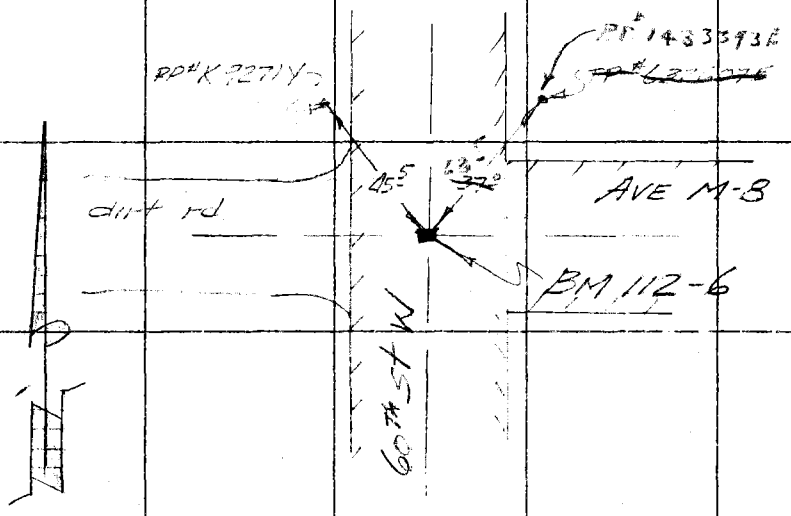
7 F3098 247 10M 1-49

F. B. 2441 PG. 12

BM 112-6

ANTELOPE VALLEY, QUARTZ HILL AREA
60TH ST W & AVE M-8, CTR OF ROAD
INTERSECTION, A STD PRECAST MON MKD
45.5 SE OF PP#K9271Y & 63.5 SW OF ~~[illegible]~~ P.P. 1433393E
UNDER CAST IRON COVER
MK'D "L.A. CO ENGR" DN 12"
2.5 FT. WEST OF CENTER OF PAVEMENT

COUNTY ENGINEER
SURVEYOR
TGN
RIBW
3 2
1/4 SEC. COR.
MON
R.E. 5869



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76PS2 CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY A.C. GUIZAR
NOTES BY R.G. DATE 3-11-60
WEATHER Clear & Windy INST. NO. 2-2
TIME 11:20 TO 11:50 ROD NO. 24-26
CHECKED C. Tobias DATE 5-20-60
NOTES CHKD. DATE
F.B. 2461 Pg. 21

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 111-14 TO B.M. 112-1
B.M. 111-14													B.M. 111-14 ELIZ. LAKE PINE
	098	696	399	5	109 / 87	22	085	737	386	5	97 / 73	24	CO. RD. & GOODE HILL RD
													SEE FB 2437-26 FOR DESC
2	273	970	574	5	285 / 262	23	034	971	335	5	45 / 24	21	
3	287	842	588	5	297 / 277	20	018	817	319	5	28 / 8	20	
4	300	309	601	5	300 / 289	22	054	696	355	5	65 / 44	21	
													A.L. GOBLE
5	278	289	579	5	299 / 262	32	138	080	439	5	155 / 121	34	
6	245	801	546	5	264 / 226	38	050	717	351	5	69 / 31	38	
7	282	769	583	5	302 / 263	39	059	294	360	5	78 / 40	38	
8	265	840	566	5	287 / 244	43	042	238	343	5	63 / 21	42	
9	249	155	550	5	261 / 235	26	074	872	375	5	88 / 60	28	
10	278	741	579	5	289 / 267	22	050	909	351	5	61 / 39	22	
11	279	183	580	5	289 / 268	21	035	700	336	5	45 / 25	20	SPK.
12	300	816	601	5	300 / 290	20	027	196	328	5	37 / 17	20	3-12-60
13	262	339	563	5	270 / 254	16	033	587	334	5	41 / 25	16	
14	279	983	580	5	288 / 271	17	040	511	341	5	48 / 31	17	
	3683	713				361	747	325				361	

76P52B CE # 308 8-59

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

SURVEY BY A.C. GUIZADO WEATHER Windy INST. No. 75234

NOTES BY R.C. Johnson DATE 3-14-60 TIME 9:00 to 10:30 ROD NO. 95896

INDEXED DATE NOTES CHKD DATE

F.B. 2441 PG. 22

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 111-14 TO BM. 112-1
SUB TOTAL	3682	713					747	325					
15	270	398	571	5	299 261	18	039	858	340	5	48 31	17	
16	262	638	563	5	269 256	13	036	788	337	5	44 28	16 ~~12~~	
17	282	721	583	5	292 272	20	011	174	312	5	22 11	22 ?	
18	265	571	566	5	273 256	17	012	302	313	5	21 3	18	
19	254	251	555	5	262 246	16	031	507	332	5	40 22	18	A.L. GOLBE
20	269	138	570	5	277 261	16	020	323	321	5	29 12	17	
21	277	076	578	5	288 265	23	036	511	337	5	47 24	23	
22	297	015	598	5	297 287	20 ?	061	680	362	5	69 53	16	
23	271	267	572	5	279 263	16	048	003	349	5	56 40	16	
24	266	745	567	5	273 260	13	034	737	335	5	42 27	15	
25	278	608	579	5	286 270	16	038	770	339	5	47 30	17	
26	268	680	569	5	276 260	16	025	283	326	5	33 17	16	
27	245	699	546	5	253 238	15	023	489	324	5	31 15	16	
28	277	581	578	5	287 268	19	024	337	325	5	33 14	19	
						~~606~~	1192	087				~~603~~	

76P52[illegible]B CE # 306 8-59

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 111-14 TO BM 112-1
[illegible]	6470	001											
29	253	317	554	5	263 / 243	20	004	982	305	5	115 / 4	15	
30	181	191	482	5	183 / 179	4	085	421	386	5	87 / 82	5	
TOTAL	7905	509				~~625~~	1282	490				~~623~~	
	1282	490				623						~~625~~	
DIFF/ELEV	6623	019										~~1249~~	METERS
BM112-1												627	BM112-1 (USC&GS F-1045, 1960)
												623	GODDE HILL RD; 0.7 MI N. OF
												1250	ELIZ. LAKE PINE SN RD
													SEE FB 2441-7 FOR [illegible]

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

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

NOTES BY [illegible] DATE 3-14-60 TIME [illegible] ROD NO. [illegible]

INDEXED [illegible] DATE NOTES CHKD DATE

F.B. 24[illegible] PG. 23

76P5[illegible] CE # 306 8-59

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

SURVEY BY A.C. Cruz & Co. WEATHER Good

NOTES BY E.G. DATE 3-14-60 TIME 2:40 TO 3:00 INST. NO. 4375234

INDEXED C. Johnson DATE NOTES CHKD HLV DATE 3-31-60 ROD NO. 85-56

F.B. 3441 PG. 24

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
													FROM BM 112-1 TO BM 111-14
BM 112-1													BM. 112-1 (USC&GS F1045 1962)
1	091	473	372	5	99 89	5	183	553	484	5	185 150	5	GOODS HILL RD, 0.7mi N. of
2	024	625	325	5	31 16	15	277	179	578	5	287 266	21	ELIZ. LAKE PINE CO RD
3	043	186	344	5	53 34	19	297	467	598	5	297 277	20	?
4	041	171	343	5	48 33	15	262	244	563	5	279 262	16	✓
5	038	542	337	5	45 30	15	283	658	589	5	291 274	17	✓
6	041	350	344	5	39 33	16	277	658	572	5	285 269	16	✓ [illegible]
7	023	168	324	5	39 26	14 15	255	881	556	5	262 245	16	✓
8	033	146	334	5	41 25	16	257	889	555	5	265 249	16	✓
9	034	979	335	5	43 26	17	270	095	571	5	278 261	17	✓
10	039	349	340	5	51 27	14	279	612	580	5	291 268	13	✓
11	046	268	347	5	59 37	17	297	059	598	5	297 289	18	?
12	059	410	360	5	69 51	18	280	119	581	5	288 271	17	✓
13	034	531	335	5	93 25	18	292	663	593	5	300 283	17	✓
14	025	452	326	5	35 14	21	299	396	660	5	299 289	20	✓ SPK
	577	097				220	3814	473				227	

76P52[illegible]B CE # 308 8-59

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

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

NOTES BY [illegible] DATE 3-15-60 TIME 9:25 TO 10:[illegible] ROD NO. [illegible]

INDEXED [illegible] C. Johnson DATE NOTES CHKD HLV DATE 3-31-60

F.B. 244 PG. 75

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 12-1 TO BM [illegible]-14
SUBTOTAL	577	[illegible]					3814	[illegible]					
15	042	492	343	5	49 / 34	15	261	788	[illegible]	5	268 / 253	15	
16	044	277	345	5	52 / 35	17	273	[illegible]	[illegible]	5	[illegible]	[illegible]	
17	[illegible]	[illegible]	340	[illegible]	47 / 30	17	279	068	580	5	287 / [illegible]	[illegible]	
18	034	882	335	5	42 / 26	16	[illegible]	[illegible]	[illegible]	5	[illegible]	16	
19	029	573	330	5	38 / 19	19	272	936	573	[illegible]	[illegible]	[illegible]	⊼ A.L. GOBLE
20	026	313	327	5	36 / 16	20	279	674	580	5	289 / 269	20	
21	032	848	333	[illegible]	[illegible]	22	282	602	583	5	[illegible]	[illegible]	
22	075	360	37[illegible]	5	88 / 61	27	252	[illegible]	553	5	[illegible]	[illegible]	
23	058	[illegible]	359	5	79 / 37	42	276	799	577	5	295 / 255	43	
24	056	[illegible]	357	5	75 / 37	38	280	281	581	5	[illegible] / 260	39	
25	053	477	354	5	[illegible]	[illegible]	24[illegible]	[illegible]	[illegible]	5	[illegible]	37	
26	129	788	430	5	146 / 112	34	278	077	579	5	294 / 262	32	
27	054	081	355	5	64 / 43	21	298	[illegible]	599	5	[illegible] / 287	22	?
28	018	712	319	5	28 / 9	19	287	522	588	5	297 / 277	20	
	1293	191				567	7662	464				574	

76P5[illegible]6B CE # 308 8-59

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM BM [illegible] TO BM [illegible]
2[illegible]	025	339	[illegible] 5	37 74 23	263	476	56[illegible] 5	74 52 22	
30	0[illegible]	[illegible]	[illegible] 5	[illegible] 24	103	[illegible]	[illegible] 5	[illegible] 22	
TOTAL	1406	618		614	8029	367		618	
DIFF[illegible]					1406	618		614	
[illegible]					6622	749		1232	B.M. [illegible] ELIZ LAKE [illegible] CN RD & GOODE HILL RD SEE FB2437-26 FOR DESC
									T [illegible] GOBLE

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

SURVEY BY A.C. GUIZADO WEATHER GOOD INST. NO. 113-75234

NOTES BY R.G. DATE 3-15-60 TIME 9:25 TO 10:10 ROD NO. 95.96

INDEXED [illegible] DATE NOTES CHKD HLJ DATE 3-31-60

F.B. 2441 Pg. 26

76P525B CE# 308 8-59

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

SURVEY BY A.C. GUIZADO

NOTES BY R.G. Johnson DATE 3-14-60

INDEXED DATE

WEATHER WINDY

TIME 10:30 TO 12:00

NOTES CHKD HLV

INST. NO.

ROD NO. 95-96

DATE 3-31-60

F.B. 2441 Pg. 27

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 112-1 TO BM 112-2
BM 112-1													BM 112-1 (USC&GS F-1045 1960)
1	188	400	489	5	196 / 180	16	044	507	345	5	52 / 36	16	GODDE HILL RD & 0.7 MI N
2	285	401	586	5	295 / 275	20	032	554	333	5	42 / 22	20	OF ELIZ LAKE PINE CN RD. SEE FB 2441-7 FOR DESC
3	270	143	571	5	278 / 262	16	019	706	320	5	27 / 11	16	
4.	274	978	575	5	283 / 265	18	040	030	341	5	53 / 27	26	
5.	255	683	556	5	261 / 249	12	058	361	359	5	63 / 52	11	
6.	298	339	599	5	298 / 288	20	055	479	356	5	62 / 47	15	⊼ A.L. GOLBE
7	292	572	593	5	303 / 280	23	041	941	342	5	52 / 31	21	
8	272	753	573	5	281 / 263	18	018	488	319	5	27 / 9	18	
9	287	128	588	5	296 / 278	18	054	367	355	5	63 / 45	18	
10	264	255	565	5	271 / 256	15	028	867	329	5	36 / 20	16	
11	288	901	589	5	295 / 281	14	030	108	331	5	38 / 22	16	
12	287	690	588	5	295 / 278	17	041	408	342	5	49 / 33	16	
13	261	778	462	5	269 / 252	17	044	860	345	5	53 / 36	17	
14	288	617	589	5	297 / 279	18	046	679	347	5	56 / 37	19	
	3816	638				242	551	355				245	

76P52[illegible]B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A. C. GUIZADO DATE 3-14-60 WEATHER WINDY TIME 1:00-2:30 INST. NO. N3 75234 ROD NO. 95896

NOTES BY R. C. Johnson DATE NOTES CHKD HLV DATE 3-31-60

F.B. 2441 Pg. 28

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 112-1 TO B.M. 112-2
15	278	739	579	5	300 / 257	43	219	127	520	5	241 / 197	44	SPK.
16	063	567	364	5	73 / 53	20	275	647	576	5	255 / 266	19	
17	036	221	337	5	44 / 28	16	298	839	599	5	298 / 290	16	?
18	032	660	333	5	39 / 25	14	283	783	584	5	291 / 275	16	
19	060	635	361	5	68 / 52	16	276	699	577	5	284 / 267	17	
20	030	752	331	5	39 / 22	17	291	112	592	5	300 / 282	18	
21	012	458	313	5	22 / 2	20	274	167	575	5	282 / 266	16	
22	042	649	343	5	50 / 35	15	274	025	575	5	281 / 266	15	
23	046	130	347	5	53 / 38	15	270	923	571	5	278 / 263	15	
24	041	014	342	5	50 / 32	18	270	061	571	5	279 / 261	18	
25	037	502	338	5	47 / 26	21	294	119	595	5	294 / 283	22	?
26	056	741	357	5	64 / 49	15	295	583	596	5	302 / 287	15	
27	034	737	335	5	40 / 28	12	273	881	574	5	279 / 267	12	
28	044	116	345	5	50 / 37	13	254	657	555	5	260 / 248	12	
	4634	559				497	4409	978				500	

76P52[illegible]B CE # 306 9-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 112-1 TO B.M. 112-2
29	047	885	348	5	54 / 40	14	253	033	554	5	260 / 240	14	
30	034	793	335	5	44 / 25	19	278	656	579	5	285 / 265	20	
31	010	549	311	5	22 / 10	24	289	420	590	5	351 / 276	25	* A.L. GOBLE
TOTAL ELEV.	4727	786				554	5231	137				559	
							4727	786				454	
												1113	METERS
DIFF							503	351					B.M. 112-2 USC&GS (E-1045 1960) GODDE HILL RD & 1.4 MI N OF ELIZ. LAKE PINE CR RD SEE FB2441-8 FOR DESC

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

SURVEY BY A.C. GUIZADO WEATHER [illegible] INST. NO. KS-75234

NOTES BY R.G. DATE 3-14-60 TIME 10:30 TO 12:00 ROD NO. 25+96

INDEXED C. Johnson DATE NOTES CHKD. [illegible] DATE 3-31-60

F.B. 2441 Pg. 29

76P52[illegible]B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A. C. GUIZIDO WEATHER Good INST. NO. 13 75 234

NOTES BY R. C. Johnson DATE 3-14-60 TIME 1:00 To 2:30 ROD NO. 95-96

INDEXED DATE NOTES CHKD. HLJ DATE 3-31-60

F.B. 2441 Pg. 30

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 112-2 TO B.M. 112-1
B.M. 112-2													B.M. 112-2 (E-1045 1960)
1	29[illegible]	051	592	5	302 / 278	24	015	368	316	5	29 / 3	26	GODDE HILL RD; 14 MI N. OF
2	283	323	584	5	293 / 279	20	038	709	339	5	48 / 29	19	ELIZ. LAKE PINE CN RD SEE FB 2441-8 FOR DESC
3	248	29[illegible]	549	5	255 / 24[illegible]	14	039	556	340	5	46 / 32	14	
4	250	923	551	5	256 / 244	12	043	369	344	5	49 / 31	12	
5	273	747	574	5	277 / 267	12	035	71[illegible]	336	5	4[illegible] / 29	12	A.L. COBLE
6	295	318	590	5	302 / 287	14	047	768	345	5	55 / 40	15	
7	[illegible]	[illegible]	598	5	297 / 285	24	? 044	952	345	5	55 / 34	11	
8	266	338	567	5	275 / 257	18	040	948	34[illegible]	5	49 / 31	18	
9	271	149	572	5	278 / 263	15	044	304	345	5	51 / 36	15	
10	275	534	57[illegible]	5	283 / 268	15	045	307	34[illegible]	5	53 / 38	15	
11	282	895	583	5	29[illegible] / 273	18	022	989	323	5	31 / 13	18	
12	285	221	586	5	294 / 276	18	025	588	326	5	39 / 16	18	
13	281	441	582	5	29[illegible] / 273	17	049	568	350	5	57 / 40	17	
14	278	182	579	5	286 / 27[illegible]	16	043	416	344	5	51 / 36	15	
	3880	902				237	537	553				225	

76P52[illegible]B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY A. C. GUIZADO WEATHER GOOD INST. NO. N3-75234

NOTES BY R. G. DATE 3-14-60 TIME 1800 TO 2:30 ROD NO. 95496

INDEXED C. Johnson DATE NOTES CHKD HLV DATE 3-31-60

F.B. 2441 Pg. 31

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM [illegible] 2 TO [illegible]
15	298	558	599	5	295 / 290	16	027	791	328	5	35 / 19	16	✓
16	280	088	581	5	289 / 270	19	071	727	372	5	81 / 61	20	[illegible]
17	222	959	523	5	244 / 208	44	280	783	581	5	302 / 258	44	✓
18	043	551	344	5	53 / 34	19	283	720	584	5	292 / 274	18	✓
19	038	832	339	5	47 / 30	17	258	639	589	5	266 / 241	17	✓
20	028	043	329	5	36 / 19	17	[illegible]	[illegible]	[illegible]	5	[illegible] / 268	16	✓
21	030	467	331	5	38 / 22	16	[illegible]	368	588	5	[illegible] / [illegible]	14	✓
22	041	099	342	5	48 / 34	14	277	676	588	5	285 / 268	14	✓
23	066	123	367	5	75 / 57	18	296	892	597	5	296 / 287	18	?
24	010	678	311	5	14 / 10	18	? 265	611	566	5	274 / 256	18	✓
25	030	922	331	5	42 / 19	23	284	737	585	5	295 / 273	22	✓
26	054	351	355	5	62 / 45	17	293	898	594	5	302 / 284	18	✓
27	023	933	324	5	31 / 15	16	288	629	589	5	295 / 280	15	✓
28	116	218	417	5	125 / 107	18 / 17	283	398	584	5	292 / 273	19	✓
	566	721				509	4015	354				496	

76P52[illegible]B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 112-2 TO BM 112-1
29	019	[illegible]	320	5	27 / 11	16	272	407	573	5	280 / 264	16	
30	030	163	331	5	40 / 20	20	250	636	55[illegible]	5	290 / 270	20	
31	045	747	346	5	53 / 37	16	190	874	49[illegible]	5	[illegible] / [illegible]	16	
TOTAL	5262	599				561	4759	271				548	
	4759	271				548							
DIFF ELEV	503	328				1109							

USC&GS
B.M. 112-1 (F-1045) 1960
07 MI. N. OF ELIZ. LAKE PINE CO RD
ON GODDE HILL RD
SEE FB 2441-7 FOR DESC

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

SURVEY BY AC GUIZADO WEATHER GOOD INST. NO. [illegible]

NOTES BY [illegible] DATE 3-14-60 TIME 1:00 TO 2:30 ROD NO. 55896

INDEXED [illegible] DATE NOTES CHKD HLV DATE 3-31-60

F.B. 2441 Pg. 32

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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.M.	1ST RUN + BACKSIGHT		DIFF.		2ND RUN		3RD RUN − FORESIGHT		ADJ. ELEV.				DESCRIPTION B.M. 112-2 TO B.M. 112-3
BM. 112-2													BM. 112-2 U.S.C.&G.S. (E1045)
1.	064	037	365	5	68 / 60	8	277	651	578	5	282 / 273	9	1.4 MI. N. OF ELIZ. LAKE PINE CN. RD.
2.	065	756	366	5	71 / 59	12	274	215	575	5	281 / 268	13	ON GODDE HILL RD. SEE F.B. 2441-8 FOR DESC.
3.	057	944	358	5	66 / 48	18	279	229	580	5	288 / 271	17	⊼ T.A. BICKSLER
4.	042	363	343	5	51 / 33	18	267	261	568	5	276 / 258	18	WILD N-3 75234
5.	035	320	336	5	43 / 27	16	278	289	579	5	286 / 271	16	
6.	049	331	350	5	56 / 42	14	289	712	590	5	296 / 282	14	
7.	060	712	361	5	67 / 53	14	278	186	579	5	285 / 271	14	
8.	046	558	347	5	56 / 36	20	281	257	582	5	291 / 272	19	
9.	017	161	318	5	27 / 7	20	268	179	569	5	278 / 258	20	
10.	025	090	326	5	33 / 11	16	267	011	568	5	276 / 259	17	
11.	023	082	324	5	32 / 14	18	255	369	556	5	264 / 246	18	
12.	016	715	317	5	26 / 7	19	255	179	556	5	264 / 245	19	
13.	022	210	323	5	29 / 14	15	246	821	547	5	254 / 238	16	
14.	016	824	317	5	25 / 8	17	245	882	546	5	254 / 237	17	
SUB. TOTAL	543	103				~~226~~ 225	3764	241				227	

NOTES RED. _____ JOB NO. 030102 SURVEY OF LA Co. Precise Level Net
DATE _____ SURVEY BY A.C. GUIZADO
NOTES CHKD. HLV NOTES BY TO DATE 3-15-60
DATE 4-1-60 INDEXED A. C. Johnson DATE

F.B. 2441 PG. 38

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 NOTES RED
SURVEY BY A.C. Guizado DATE
NOTES BY T.O. DATE 3-15-60 NOTES CHKD. HLJ
INDEXED C. Johnson DATE DATE 4-1-60

F.B. 2441 PG. 34

B.M.	1ST RUN + BACKSIGHT		DIFF.		2ND RUN		3RD RUN − FORESIGHT		ADJ. ELEV.		DESCRIPTION B.M. 112-2 TO B.M. 112-3		
SUB. TOTAL	543	103				226	3764	24[illegible]				227	
15	008	749	309	5	17 1/8	18	254	12[illegible]	555	5	263 245	18	
16	006	210	307	5	15 1/6	18	246	60[illegible]	547	5	255 237	18	
17	023	954	324	5	33 13	20	286	3[illegible]	[illegible]87	5	294 277	17	
18	03[illegible]	799	338	5	47 21	20	288	06[illegible]	[illegible]89	5	299 277	22	
19	022	149	323	5	32 12	20	293	34[illegible]	[illegible]94	5	302 283	19	
20	051	752	352	5	59 44	15	258	[illegible]	[illegible]57	5	268 25[illegible]	18	T.P.
21	147	438	448	5	166 128	38	214	70[illegible]	[illegible]95	5	294 276	36	
22	046	055	347	5	53 36	20	275	344	[illegible]76	5	287 264	23	
23	033	613	334	5	44 72	22	262	629	[illegible]63	5	275 249	26	
24	041	508	342	5	55 28	27	285	611	[illegible]86	5	296 274	22	
25	053	498	354	5	61 46	15	237	77[illegible]	[illegible]38	5	245 229	16	
26	007	966	308	5	16 7 1/2	18	264	162	[illegible]65	5	273 256	17	
27	034	022	335	5	47 21	26	296	266	[illegible]7	5	296 283 1/2	26	
28	015	969	316	5	25 5	20	278	545	[illegible]9	5	288 265	20	
SUB. TOTAL	1073	785				~~523~~ 522	7587	051				~~524~~ 525	

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN		DIFF.		2ND RUN		3RD RUN		ADJ. ELEV.		DESCRIPTION B.M. 112-2 TO B.M. 112-3	
	1073	785				521	7587	051				521
29	037	668	338	5	47 27	20	290	554	591	5	301 280	21
30.	031	329	332	5	41 21	20	300	157	601	5	300 290	20
31.	037	949	338	5	46 28	18	265	591	566	5	278 256	19
32	027	466	328	5	38 17	21	282	592	583	5	292 271	21
33	048	587	349	5	58 39	19	280	681	581	5	290 271	19
34.	039	019	340	5	48 29	19	286	055	587	5	296 277	19
35	040	735	341	5	50 30	20	268	132	566	5	278 256	19
36.	036	084	337	5	48 23	25	255	442	556	5	267 243	24
37.	080	789	381	5	98 63	30	095	623	396	5	110 80	30
TOTAL	1453	411				715	9908	878				717
						714	1453	411				714
							8455	467				1431 METERS

DIFF ELEV. B.M. 112-3

717 B.M. 112-3 (U.S.C & G.S.-D1045 1960)
714 2.2 MI. N. OF ELIZ. LAKE PINE CN.
1431 RD. ON GODDE HILL RD.
SEE F.B. 2441-9 FOR DESC.

NOTES RED. _____ JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net.
DATE _____ SURVEY BY A.C. GUIZADO
NOTES CHKD. HLV NOTES BY T.O. DATE 3-15-60
DATE 11-1-60 INDEXED C. John DATE

F.B. 2441 PG. 35

JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net NOTES RED
SURVEY BY A.C. Guizado DATE
NOTES BY T.O. DATE 3-18-60 NOTES CHKD HLV
INDEXED A.C. Johnson DATE DATE 4-1-60

F.B. 2441 PG. 36

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN + BACKSIGHT		DIFF.		2ND RUN		3RD RUN − FORESIGHT		ADJ. ELEV.				DESCRIPTION BM 112-3 TO B.M. 112-2
BM.112-3													B.M. 112-3 (U.S.C.&G.S.-D1045)
1	098	071	399	5	113 83	30	085	3[illegible]	[illegible]6	5	100 70	30	2.2 MI. N. OF ELIZ. LAKE PINE CN. RD.
2	263	552	564	5	175 151	24	042	626	[illegible]43	5	54 29	25	ON GODDE HILL RD SEE F.B. 2441-9 FOR DESC.
3	267	724	568	5	276 257	19	046	045	[illegible]47	5	56 36	20	
4	285	431	586	5	295 275	20	034	702	[illegible]35	5	43 24	19	
5	282	451	583	5	291 272	19	051	852	[illegible]52	5	60 42	18	⊼ T.A. BICKSLER WILD N-3 75234
6	287	744	588	5	297 276	21	031	45[illegible]	[illegible]32	5	41 21	20	
7	269	666	570	5	278 259	19	044	025	[illegible]45	5	53 35	18	
8	290	808	591	5	300 280	20	021	431	322	5	31 11	20	
9	268	7[illegible]	569	5	278 258	20	013	78[illegible]	[illegible]14	5	24 3	21	
10	263	832	564	5	273 253	20	010	24[illegible]	[illegible]	5	19 10	19	
11	285	431	586	5	297 273	24	015	88[illegible]	[illegible]16	5	27 2	27	
12	242	480	543	5	250 235	15	087	23[illegible]	[illegible]8	5	54 [illegible]	13	
13	290	942	591	5	297 [illegible]	14	016	43[illegible]	[illegible]7	5	24 8	16	
14	276	891	577	5	289 264	25	030	037	[illegible]31	5	42 18	24	TP
SUB TOTAL	3673	838				290	531	067				290	

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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.M.	~~1ST RUN~~ + BACK		~~DIFF.~~ SIGHT		~~2ND RUN~~		~~3RD RUN~~ − FORESIGHT		~~ADJ. ELEV.~~				DESCRIPTION BM.112-3 TO BM 112-2
SUB. TOTAL	3673	838					531	067					
15	274	373	575	5	287 / 261	26	035	897	336	5	47 / 24	23	
16	268	031	569	5	280 / 257	23	046	818	347	5	56 / 37	19	
17	289	719	590	5	289 / 272	34	135	041	436	5	155 / 115	40	
18	235	086	536	5	243 / 228	15	023	635	324	5	31 / 14	17	TP
19	286	792	587	5	296 / 277	19	022	003	323	5	32 / 12	20	
20	283	700	584	5	293 / 273	20	031	531	332	5	42 / 21	21	
21	289	008	590	5	297 / 280	17	025	849	326	5	34 / 15	19	
22	253	029	554	5	262 / 244	18	020	240	321	5	29 / 11	18	
23	275	221	576	5	285 / 266	19	018	853	319	5	26 / 9	17	
24	251	510	552	5	264 / 242	18	028	790	329	5	36 / 20	16	
25	253	238	554	5	261 / 245	16	027	876	328	5	35 / 20	15	
26	250	691	551	5	259 / 241	18	010	139	311	5	20 / 10	20	
27	258	369	559	5	267 / 249	18	027	496	328	5	36 / 18	18	
28	269	525	570	5	277 / 260	17	021	838	322	5	30 / 13	17	
SUB TOTAL	7412	130					1007	073					
						568						570	

NOTES RED _____ JOB NO. 0301.02 SURVEY OF L.A. Co. PRECISE LEVEL NET
DATE _____ SURVEY BY A. C. GUIZADO.
NOTES CHKD. H.F.J. NOTES BY T.O. DATE 3-18-60
DATE 4-1-60 INDEXED A. C. Johnson DATE

F. B. 2441 PG. 37

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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.M.	~~1st RUN~~ + BACKSIGHT		~~DIFF.~~		~~2nd RUN~~		~~3rd RUN~~ − FORESIGHT		~~ADJ. ELEV.~~				DESCRIPTION B.M. 112-3 TO B.M. 112-2
SUB. TOTAL													
29	271	768	572	5	280 / 261	19	025	26[illegible]	[illegible]26	5	35 / 15	20	
30	279	881	580	5	289 / 270	19	044	181	[illegible]45	5	53 / 34	19	
31	269	412	570	5	276 / 262	14	052	0[illegible]	[illegible]53	5	59 / 45	14	
32	289	596	590	5	296 / 282	14	047	570	348	5	56 / 40	14	
33	285	384	586	5	293 / 277	16	041	92[illegible]	[illegible]42	5	49 / 33	16	
34	265	532	566	5	275 / 250	19	043	24[illegible]	[illegible]44	5	52 / 34	18	
35	279	629	580	5	287 / 270	17	061	173	[illegible]62	5	70 / 57	18	
36	278	687	579	5	288 / 272	13	067	185	[illegible]8	5	73 / 61	12	
37	269	623	570	5	273 / 265	18	057	207	[illegible]8	5	61 / 53	18	
TOTAL	9901	642					1446	912					
	1446	912				717						719	
DIFF. ELEV.	8454	730				719							
B.M. 112-2						1436							

B.M. 112-2 (U.S.C.&G.S.-E 1045)
1.4 MI. N. OF ELIZ. LAKE PINE CYN RD.
ON GODDE HILL RD.
SEE F.B. 2441-8 FOR DESC.

JOB NO. 0301.02 SURVEY OF L.A. Co PRECISE LEVEL NET NOTES RED
SURVEY BY A. C. GUIZADO DATE
NOTES BY T.O. DATE 3-18-60 NOTES CHKD HLW
INDEXED ~~A. C. Johnson~~ DATE 4-1-60

F.B. 2441 PG. 38

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	~~1ST RUN~~ + BACKSIGHT		~~DIFF.~~		~~2ND RUN~~		~~3RD RUN~~ - FORESIGHT		~~ADJ. ELEV.~~				DESCRIPTION B.M. 112-2 TO B.M. 112-3
BM 112-2													B.M. 112-2 (U.S.C.&G.S - E 1045)
1	058	018	359	5	62 / 54	8	270	421	571	5	274 / 266	08	1.4 MI. N. OF ELIZ. LAKE PINE CN. RD.
2	063	148	364	5	69 / 57	12	276	155	577	5	282 / 270	12	ON GODDE HILL RD. SEE F.B. 2441-8 FOR DESC.
3	065	410	366	5	74 / 56	18	282	891	583	5	291 / 274	17	
4	040	368	341	5	49 / 31	18	262	321	563	5	271 / 253	18	⊼ T. A. BICKSLER WILD N-3 75234
5	030	777	331	5	38 / 22	16	277	690	578	5	285 / 269	16	
6	052	305	353	5	59 / 45	14	292	252	593	5	299 / 285	14	RERUN
7	057	483	358	5	64 / 50	14	274	329	575	5	281 / 267	14	
8	049	498	350	5	59 / 39	20	284	321	585	5	294 / 275	19	
9	029	258	330	5	35 / 15	20	282	752	583	5	293 / 272	21	
10	024	941	325	5	32 / 16	16	266	491	567	5	274 / 257	17	
11	027	572	328	5	36 / 18	18	257	892	558	5	266 / 248	18	
12	009	502	310	5	19 / 9	20	249	401	550	5	259 / 240	19	
13	023	450	324	5	30 / 12	14	246	630	547	5	255 / 238	17	
14	011	791	312	5	20 / 3	17	235	832	536	5	244 / 226	18	
SUB. TOTAL	543	521				225	3759	378				228	

NOTES RED. JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
DATE SURVEY BY A.C. GUIZADO
NOTES CHKD. HLV NOTES BY T.O. DATE 3-22-60
DATE 4-1-60 INDEXED C. Johnson DATE

F.B. 2441 PG. 39

F. B. 2441 PG. 40

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

SURVEY BY A. C. GUIZADO DATE 3-22-60

NOTES BY T.O. DATE

INDEXED A. C. Johnson DATE

NOTES RED. DATE

NOTES CHKD. HLV DATE 4-1-60

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	~~1st RUN~~ + BACKSIGHT		~~DIFF.~~		~~2nd RUN~~		~~3rd RUN~~ − FORESIGHT		~~ADJ. ELEV.~~				DESCRIPTION B.M. 112-2 TO B.M. 112-3
SUB. TOTAL	543	521				225	3759	3[illegible]				228	
15	012	638	313	5	21/3	18	262	84[illegible]	563	5	271/253	18	
16	006	469	307	5	15 1/2 6	18	245	838	546	5	254/236	18	
17	003	762	304	5	13 1/2 3	20	269	35[illegible]	570	5	277/260	17	
18	014	941	315	5	24/4	20	264	[illegible]	[illegible]	5	274/254	20	
19	022	577	323	5	32/12	20	292	09[illegible]	593	5	301/252	19	
20	068	479	369	5	76/60	16	276	42[illegible]	577	5	284/268	16	BT SPK.
21	157	680	458	5	177/138	39	293	44[illegible]	554	5	1293/2[illegible]	38	
22	031	349	332	5	40/21	19	272	50[illegible]	[illegible]3	5	280/260	23	
23	020	419	321	5	32/8	24	257	898	[illegible]8	5	270/245	25	T.B.M. R.R. SPK.
24	058	790	359	5	71/45	26	299	662	600	5	299 1/2/257	24	
25	027	869	328	5	35/20	15	299	[illegible]	[illegible]00	5	299/257	20	
26	058	235	359	5	65/51	14	222	662	[illegible]3	5	228/217	11	
27	006	140	307	5	20 1/2 6	28	291	405	[illegible]2	5	291 1/2/272	24	
28	026	145	327	5	35/17	18	264	122	565	5	274/253	21	
SUB. TOTAL	1059	014				520	~~7570~~ 7570	~~8[illegible]~~ 799				522	

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED _____ DATE _____
NOTES CHKD. MLV DATE 4-1-60
JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY A.C. GUIZDO
NOTES BY T.O. DATE 3-22-60
INDEXED A.C. Johnson DATE _____

B.M.	~~1ST RUN~~ + BACKSIGHT		~~DIFF.~~		~~2ND RUN~~	~~3RD RUN~~	~~ADJ. ELEV.~~ - FORESIGHT				DESCRIPTION B.M. 112-2 TO B.M. 112-3
SUB. TOTAL	1059	014				520	7570	899			522
29.	011	515	312	5	21 ½ / 11 ½	20	266	489	567	5	276 / 256 20
30	028	088	329	5	38 / 18	20	296	231	597	5	296 / 276 20
31	041	842	342	5	51 / 32	19	269	015	570	5	278 / 259 19
32	027	383	328	5	37 / 16	21	283	513	584	5	293 / 272 21
33	050	083	351	5	58 / 38	19	281	338	582	5	290 / 271 19
34	039	827	340	5	49 / 38	19	289	333	590	5	299 / 279 20
35	040	456	341	5	51 / 36	21	262	549	563	5	271 / 253 19
36.	044	097	345	5	56 / 37	24	264	371	565	5	276 / 252 24
37.	088	293	389	5	102 / 73	29	101	968	602	5	116 / 87 29
TOTAL	1430	598				712	7885	706			713
							1430	598			712
DIFF ELEV.							-6455	108		METERS	~~425~~
B.M. 112-3							6455	008			426

B.M. 112-3 (U.S.C.&G.S.-D1045)
2.2 MI. N. OF ELIZ. LAKE PIKE
ON RD ON FOOTE HILL RD
SEE FB2281-9 FOR DESC

F.B. 244 / Pg. 41

F. B. 2401 PG. 42

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

SURVEY BY A. C. GUIZADO DATE

NOTES BY T. C. DATE NOTES CHKD.

INDEXED DATE DATE

B.M.	1st RUN	DIFF.	2nd RUN	3rd RUN	ADJ. ELEV.	DESCRIPTION

Do not extend notes this side of this line

769420 S & E-353 4-54

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

723 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN + BACKSIGHT		DIFF		2ND RUN		3RD RUN − FORESIGHT		ADJ. ELEV.				DESCRIPTION BM 112-3 TO BM 112-4
B.M. 112-3													BM. 112-3 (U.S.C.&G.S-D1045)
1	010	789	311	5	7/3	14	203	235	504	5	210/195	15	2.2 MI. N OF ELIZ. LAKE PINE CN. RD
2.	073	259	374	5	91/55	36	283	152	584	5	301/265	36	ON GODDE HILL RD. SEE F.B. 2441-9 FOR DESC.
3.	032	877	333	5	48/16	32	226	253	527	5	242/210	32	
4.	083	882	384	5	109/57	52	271	710	572	5	297/245	52	⊼ T. A. BICKSLER WILD N-3 75234
5	038	342	339	5	61/15	46	261	371	562	5	283/238	45	
6.	060	488	361	5	91/30	61	249	548	550	5	278/220	58	
7.	091	311	392	5	100/81	19	290	498	591	5	299/280	19	
8.	030	005	331	5	39/21	18	285	701	586	5	295/275	20	
9.	026	974	327	5	35/16	19	277	383	578	5	287/267	20	
10.	066	766	367	5	72/59	13	299	774	500	5	299/293½	12	
TOTAL	514	593				310	2648	620				309	
							514	593				310	
DIFF ELEV. BM 112-4						−	2134	027			METERS	619	BM 112-4 GODDE HILL RD. 0.4 MI S. AVE "N" SEE F.B. 2441-10 FOR DESC.

NOTES RED _____ JOB NO. 0301.02 SURVEY OF L.A. Co PRECISE LEVEL NET
DATE _____ SURVEY BY A.C. GUIZADO.
NOTES CHKD. NEV NOTES BY T.O. DATE 3-15-60
DATE 4-1-60 INDEXED A. C. Johnson DATE

F.B. 2441 PG. 43

F.B. 2441 PG. 44

JOB NO. 030102 SURVEY OF L.A. Co. Precise Level Net NOTES RED

SURVEY BY A.C. Guilado DATE

NOTES BY T.O. DATE 3-18-60 NOTES CHKD. HLJ

INDEXED A.C. Johnson DATE DATE 4-1-60

768420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	~~1ST RUN~~ + BACKSIGHT		~~DIFF.~~		~~2ND RUN~~		~~3RD RUN~~ − FORESIGHT		~~ADJ. ELEV.~~				DESCRIPTION B.M. 112-4 TO B.M. 112-3
BM. 112-4													B.M. 112-4
1.	291	765	592	5	298 / 284	14	060	19[illegible]	361	5	61 / 54	13	GODDE HILL RD. 0.4 MI S. AVE "N" SEE F.B. 2441-10 FOR DESC.
2.	265	263	566	5	275 / 255	20	013	37[illegible]	[illegible]14	5	22 / 03	19	
3	277	353	578	5	287 / 267	20	021	84[illegible]	[illegible]22	5	31 / 11	20	
4	252	195	553	5	261 / 244	17	052	41[illegible]	[illegible]53	5	62 / 43	19	
5	234	537	535	5	262 / 205	57	046	15[illegible]	[illegible]47	5	76 / 15	61	⊼ T.A. BICKSLER WILD N-3 75234
6	271	846	572	5	335 / 247	52	053	067	[illegible]54	5	75 / 51	44	
7	275	111	576	5	301 / 249	52	082	101	[illegible]83	5	108 / 56	52	
8	215	101	516	5	230 / 200	30	034	38[illegible]	[illegible]5	5	51 / 17	34	
9	296	967	5[illegible]7	5	296½ / 278	36	074	820	[illegible]5	5	92 / 56	36	
10	198	531	489	5	195 / 180	15	110	47[illegible]	[illegible]11	5	107 / 102	15	
11.	136	741	437	5	139 / 133	6	022	671	[illegible]23	5	25 / 20	5	
TOTAL	2705	410				319	571	510				31~~7~~8	
	571	5~~10~~08					571	508				319	
DIFF. ELEV.	2133	90~~8~~2									METERS	~~636~~	
B.M. 112-3												637	B.M. 112-3 (USC & GS-D1045) 2.2 MI. N. OF ELIZ. LAKE PINE CN. RD ON GODDE HILL RD. SEE F.B. 2441-9 FOR DESC.

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED ____ JOB NO. 030102 SURVEY OF A CO. PRECISE LEVEL NET
DATE ____ SURVEY BY A.C. GUIZADO
NOTES CHKD. HLV NOTES BY J.A.B. DATE MARCH 21 1960
DATE 4-4-60 INDEXED ~~A. C. [illegible]~~ DATE ____

F.B. 2441 PG. 45

B.M.	~~1st RUN~~ BACKSIGHTS		~~DIFF.~~		~~2nd RUN~~		~~3rd RUN~~ FORESIGHTS		~~ADJ. ELEV.~~				DESCRIPTION BM 112-4 TO BM 112-5
BM 12-4													BM 12-4 GODDE HILL RD
1	151	417	452	5	155 / 147	8	201	766	502	5	205 / 198	7	04 MI S. OF AVE N
													SEE FB2441-10 FOR DESC
2	020	569	321	5	29 / 12	17	267	782	568	5	275 / 259	16	
3	041	937	342	5	49 / 34	15	275	768	576	5	284 / 267	17	
4	034	952	335	5	42 / 27	15	273	768	574	5	280 / 267	13	
5	038	180	339	5	45 / 30	15	268	361	569	5	276 / 260	16	
6	034	919	335	5	43 / 25	18	269	485	570	5	277 / 260	17	↑ A.L. Goble Wild N3-75234
7	016	298	317	5	48 / 8	24	278	339	579	5	291 / 265	26	
8	052	896	353	5	63 / 4	22	270	844	571	5	281 / 259	22	
9	044	737	345	5	56 / 32	24	285	197	586	5	297 / 273	24	
10	058	296	359	5	68 / 48	20	290	321	591	5	300 / 280	20	
11	043	864	344	5	52 / 35	17	276	818	577	5	285 / 268	17	
12	028	141	329	5	36 / 20	16	274	103	575	5	281 / 266	15	
13	018	070	319	5	27 / 9	18	293	009	594	5	302 / 284	18	
14	005	047	306	5	14 / 5	18	292	638	593	5	301 / 283	18	
Sub total	589	323					3818	199					
	~~589~~	~~394~~ 23											

76S420 S & E-353 4-54

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JOB NO. 13222 SURVEY OF 1 & 2 ON PRECISE LEVEL NET
SURVEY BY [illegible] DATE [illegible]
NOTES BY [illegible] DATE [illegible] NOTES CHKD. [illegible] DATE 4-4-60
INDEXED J. C. Johnson DATE [illegible] NOTES RED. DATE

F.B. 2441 Pg. 46

B.M.	1ST RUN		DIFF.		2ND RUN		3RD RUN		ADJ. ELEV.			DESCRIPTION
[illegible]	58[illegible]	323					358					
15	035	485	326		27	17	[illegible]					
16	225	46[illegible]	326		33	16	266	320	[illegible]	5	350	16
17	021	202	322		29	17	250	0[illegible]	35	5	255	18
18	039	352	340		68 30	18	269	20[illegible]	[illegible]	5	27 269	17
19	031	252	328		66 29	15	271	60	22	5	263	17
20	014	5[illegible]	[illegible]	5	23 3	6	23	2[illegible]	[illegible]	5	22 222	1
21	42	761	343	5	32	21	222	231	[illegible]	5	23 252	[illegible]
22	[illegible]	[illegible]	[illegible]	5	32	24	269	22	[illegible]	5	25 253	22
23	023	713	240	5	39 7	32	218	713	[illegible]	5	231 205	26
[illegible]	334	29				425	628	86				419
[illegible]		238					834	538				425
[illegible]							384	535				844
[illegible]							5384	606				

Ne-65
BM [illegible] (G32 & G5 0-1965)
AVE N & 60TH ST W NE COR
SEE FB 2441-11 FOR DESC

768420 S & E-353 4-54

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B.M.	~~1ST RUN~~		~~DIFF.~~		~~2ND RUN~~		~~3RD RUN~~		~~ADJ. ELEV.~~				DESCRIPTION
BM 2-5													
1	164	28	63	5	99	10	105	526		5	200 190	10	CH 2-5 (USGS 65) 1-45 AVEN S 60th St W NE cor
Total	164	28				10	105	526					SEE FB 2441-11 FOR DETAIL
Diff							104	387					
Elev							91	556					
BM 2-5A													
1	030	75	[illegible]	5	[illegible]	[illegible]	107	[illegible]	[illegible]	5	[illegible]	40	
2	06	636	307	5	27 6 12	22	300	651	[illegible]	5	[illegible]	46	
3	010	673	311	5	28 7 12	48	300	771	591	5	[illegible]	[illegible]	R/W [illegible]
4	007	267	308	5	27 6 12	40	300	412	601	5	277	42	
5	006	057	307	5	27 6 12	34	285	552	582	5	266	30	
6	003	002	304	5	18 3 12	30	289	178	580	5	287 266	30	
7	030	963	331	5	00 17	27	282	655	583	5	295 269	26	
8	020	989	321	5	31 9	22	288	966	589	5	300 276	24	
9	025	332	326	5	36 10	22	301	881	602	5	300 287	24	
10	019	752	320	5	30 8	22	289	522	590	5	301 277	24	
11	021	241	322	5	32 9	23	287	322	588	5	298 275	23	
						356 ~~456~~		5				353 ~~455~~	
SUBTOTAL	182	750											

NOTES RED _____ JOB NO. 030104 SURVEY OF A. CO. PRECISE LEVEL NET
DATE _____ SURVEY BY [illegible] Gutzmer
NOTES CHKD [illegible] NOTES BY _____ DATE [illegible] 1960
DATE 4-4-60 INDEXED [illegible] C. Johnson DATE _____

F.B. 2441 Pg. 47

F. B. 2441 Pg. 48

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

SURVEY BY [illegible] DATE

NOTES BY [illegible] DATE

INDEXED A. C. Johnson DATE

NOTES RED. DATE

NOTES CHKD. [illegible] DATE 4-4-60

769420 S & E-353 4-54

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN		DIFF.		2ND RUN		3RD RUN		ADJ. ELEV.				DESCRIPTION
Sub [illegible]	182	750				356	3220	[illegible]				355	
12	024	[illegible]	325	5	35 12	23	[illegible]	[illegible]	[illegible]	5	[illegible]	23	
13	032	868	[illegible]	5	43 22	[illegible]	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	
[illegible]	240	063				60	3802	41				400	
[illegible]						400	240	[illegible]				400	
[illegible]							~~3562~~	~~05~~				800	[illegible]
[illegible]							3562	151					[illegible]

[illegible]

AVE [illegible] 60th STW ℄ INT

SEE FB 2441-12 FOR DESC

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED _____ JOB NO. 23166 SURVEY OF L.A. CO. PRECISE LEVEL NET
DATE _____ SURVEY BY F. A. GUIZADO DATE August 21-1960 F.B. 2441 Pg. 49
NOTES CHKD. HLV NOTES BY _____ DATE _____
DATE 4-4-60 INDEXED A. C. Jordan DATE _____

B.M.	~~1ST RUN~~		~~DIFF.~~		~~2ND RUN~~		~~3RD RUN~~				~~ADJ. ELEV.~~		DESCRIPTION
BM 12-6													BM 12-6 BM 12-5
1	299	068	600	5	299 / 288	22	029	078	330	5	40 / 9	21	BM 12-6 (CS 4 1960) AVE N-S & 60th St W Quint
2	275	[illegible]	[illegible]	5	295 / 262	23	029	052	[illegible]	5	6 / 8	23	SEE FB 2441-12 - FOR DESC
3	29[illegible]	[illegible]	595	5	293 / 285	24	029	254	330	5	60 / 7	23	
4	282	652	583	5	293 / 271	22	013	648	[illegible]	5	25	24	
5	299	17	600	5	299 / 257	24	025	092	326	5	37 / 3	24	BM 12-5 (CS 4 1960)
6	289	729	590	5	301 / 280	21	009	061	310	5	26 / 8	24	
7	273	014	574	5	285 / 26[illegible]	24	021	452	322	5	35 / 7	28	
8	296	241	595	5	294 / 278	32	008	092	309	5	22 / 8	28	
9	284	088	585	5	299 / 268	31	009	255	310	5	25 / 9	32	
10	301	[illegible]	602	5	306 / 279	44	007	170	308	5	26 / 7	38	
11	296	300	595	5	294 / 277	46	004	726	305	5	28 / 4	48	
12	296	228	595	5	299 / 277	46	013	496	314	5	24 / 3	42	
13	300	221	601	5	300 / 278	42	020	081	321	5	63 / 20	46	BM 12-5A (Rd Dept.)
Total	3183	500					220867						AVE NE 60th St W
Diff.	220867					401					401		SEE FB 2441-11 FOR DESC
Elev.	3562433										401		
BM 12-5A											802		

768420 S & E-353 4-54

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 23010Z SURVEY OF L. A. CO. PRECISE LEVEL NETWORK
SURVEY BY [illegible] DATE [illegible]
NOTES BY [illegible] DATE [illegible]
INDEXED B. C. Johnson DATE [illegible]
NOTES RED. NOTES CHKD. HLV DATE 4-4-50
F. B. 2441 PG. 50

B.M.	~~1st RUN~~		~~DIFF.~~		~~2nd RUN~~		~~3rd RUN~~		~~ADJ. ELEV.~~				DESCRIPTION
BM 112 S													BM 112-A (L.A. Co. Rd. Dept
1	198	462	604	5	[illegible]	[illegible]	[illegible]		[illegible]	5	102	10	AVE N & 60th St W
Total	198	480											SEE FB 2441-11 FOR DESC
Diff	[illegible]	[illegible]				10							
		5				20							
BM 2-5													BM 2-5 (USES GS 1045)
1	[illegible]	55	[illegible]		200 20	20	200	40	[illegible]	5	[illegible]	[illegible]	AVE N & 60th St W NE Cor
2	295	19[illegible]	[illegible]	5	292 282	26	226	[illegible]	[illegible]	5	37 15	22	SEE FB 2441-11 FOR DESC
3	856	[illegible]	502	5	275	20	059	[illegible]	[illegible]	5	28 50	18	
4	191	538	592	5	287	20	131	45[illegible]	592	5	41 22	19	
5	283	91[illegible]	584	5	292 275	17	045	[illegible]	[illegible]	5	52 37	15	At L. Ob. C. W 10 103-15234
6	274	035	573	5	282 266	16	038	808	[illegible]	5	47 30	17	
7	290	082	581	5	288 272	16	024	348	[illegible]	5	32 15	17	
8	290	[illegible]	591	5	298 281	18	052	17[illegible]	[illegible]	5	59 45	14	
9	276	251	575	5	281 266	15	028	36[illegible]	[illegible]	5	38 19	19	
10	298	473	590	5	298 289	18	040	092	[illegible]	5	19 1[illegible]	18	
11	295	919	596	5	295 286	18	021	348	[illegible]	5	30 12	18	
12	274	417	575	5	281 266	15	029	60[illegible]	[illegible]	5	37 21	16	
Subtotals	3339	442					376	474					

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN		DIFF.		2ND RUN		3RD RUN		ADJ. ELEV.				DESCRIPTION
			BACKSIGHTS				FORESIGHTS						BM 112-5 TO BM 112-4
Sub totals	3339	042	-		285		376	474	-				
13	276	712	577	5	260	17	042	535	343	5	30	17	
14	276	314	577	5	281 256	20	045	354	346	5	35	20	
15	272	637	573	5	263 260	23	039	702	337	5	19	22	
16	267	423	568	5	278 255	23	048	601	369	5	29	22	
17	281	176	582	5	273 256	25	019	460	320	5	34	25	
18	276	288	577	5	284 267	17	040	239	34	5	49 31	18	
19	288	447	569	5	275 260	15	038	991	339	5	46 30	16	
20	272	67	593	5	300 285	15	052	887	353	5	60 46	14	
21	282	897	583	5	290 272	16	040	108	31	5	46 32	16	
22	273	577	574	5	281 265	16	031	107	332	5	39 22	17	
23	209	170	510	5	217 206	7	160	839	445	5	40	7	
Total	6316	856					932	337					
Diff in	2932	337				416						419	
Elev	3384	521				419							
BM 112						835							

BM 112-4
GOODE HILL RD, 0.4 S. ALEN
SEE FB 2041-10 FOR DESC

NOTES RED _____ JOB NO. 23112 SURVEY OF L.A. CO. PRECISE LEVEL NET
DATE _____ SURVEY BY D. C. GUIZADO F.B. 2041 Pg. 51
NOTES CHKD MKU NOTES BY T.A.B. DATE 4-11-60
DATE 4-11-60 INDEXED _____ DATE _____

F. B. 2441 Pg. 52

JOB NO 030102 SURVEY OF L. A. CO. PRECISE LEVEL NET NOTES RED.

SURVEY BY A C GUIZADO DATE

NOTES BY TAB DATE NOTES CHKD.

INDEXED DATE DATE

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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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B.M.	1ST RUN	DIFF	2ND RUN	3RD RUN	ADJ. ELEV.		DESCRIPTION

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1st RUN + BACKSIGHTS		DIFF		2nd RUN		3rd RUN − FORE SIGHTS		ADJ. ELEV.				DESCRIPTION BM 112-6 TO BM 104-15
BM112-6													BM 112-6
1	080	993	381	5	92 / 69	23	258	787	559	5	270 / 247	23	60 Th SE W. & AVE M 8
2	056	552	357	5	69 / 44	25	263	833	564	5	275 / 251	24	SEE F.B 2441-12 FOR DESC
3	025	950	326	5	40 / 10	30	281	902	582	5	296 / 266	30	
4	010	707	311	5	27½ / 10½	34	280	318	581	5	297 / 263	34	⊼ T.A. BICKSLER
5	017	702	318	5	35½ / 17½	36	297	121	587	5	297 / 279	36	WILD N3-75234
6	031	271	332	5	49 / 12	37	261	413	562	5	280 / 243	37	
7	054	635	355	5	73 / 36	37	261	752	562	5	279 / 243	36	
8	062	101	363	5	79 / 45	34	264	706	565	5	281 / 247	34	
9	031	432	332	5	49 / 13	36	297	063	598	5	297 / 279	36	
10	018	934	319	5	35 / 18	34	278	511	579	5	295 / 261	34	
11	026	052	327	5	43 / 8	35	281	533	582	5	298 / 263	35	
12	035	718	336	5	50 / 20	30	270	899	571	5	285 / 255	30	
13	071	411	372	5	81 / 61	20	278	498	579	5	289 / 268	21	
TOTAL	523	458	CM			~~409~~	3576	336	CM			410	BM 104-15
						411	523	458				409	AVE "M" & 60 Th ST W.
DIFF ELEV BM 104-15							3052	878	CM	METERS		~~819~~ 821	SEE F.B FOR DESC

NOTES RED. ____ JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NO. F.B. 2441 PG. 53
DATE ____ SURVEY BY A.C. GUIZADO
NOTES CHKD. HLJ NOTES BY A.L.G. DATE 3-22-60
DATE 11-4-60 INDEXED A.C. Johnson DATE

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	~~1ST RUN~~ + BACKS		~~DIFF.~~ 10 HTS		~~2ND RUN~~		~~3RD RUN~~ − FOR.		~~ADJ. ELEV.~~ 10 HTS				DESCRIPTION BM 104-15 TO BM 112-6
BM 104-15													BM 104-15
1	286	242	587	5	296 275	21	079	2[illegible]	380	5	83 69	20	AVE "M & 60 Th St W
													SEE F.B FOR DESC
2	281	113	582	5	297 266	31	045	5[illegible]	46	5	60 30	30	
3	291	141	592	5	291 273	36	035	7[illegible]	336	5	53 18	35	
4	286	132	587	5	286 269	34	030	974	31	5	48 13	35	⊼ T. A. BICKSLER
													WILD N3-75234
5	299	606	600	5	299 281	36	029	078	30	5	47 10	37	
6	269	919	570	5	286 252	34	068	083	[illegible]9	5	85 51	34	
7	269	715	570	5	288 251	37	062	3[illegible]	63	5	80 43	37	
8	268	351	569	5	286 249	37	038	30[illegible]	339	5	56 19	37	
9	300	045	601	5	300 281	38	020	296	21	5	39 2	37	
10	290	190	591	5	290 273	34	020	608	321	5	36 3	33	
11	286	031	587	5	301 270	31	030	564	331	5	46 15	31	
12	268	533	569	5	280 256	24	060	721	361	5	73 48	25	
13	262	093	563	5	273 250	23	084	664	325	5	96 73	23	BM 112-6
TOTAL	3659	131	CM				606	177	CM				60 Th St W & AVE M 8
	606	177				416						414	SEE FB 2441-12 FOR DESC
DIFF ELEV	3052	954	CM			414				METERS			
BM 112-6						830							

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET NOTES RED.
SURVEY BY A. C. GUIZADO & PARTY DATE
NOTES BY A. L. G. DATE 3-23-60 NOTES CHKD HLV
INDEXED A. C. Johnson DATE DATE 4-4-60

F.B 2441 PG. 54

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

NOTES RED. JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL Nº
DATE SURVEY BY A. C. GUIZADO
NOTES CHKD. [illegible] NOTES BY A. L. G. DATE 3-22-60
DATE 4-4-60 INDEXED [illegible] C. Johnson DATE

F. B. 2441 Pg. 55

B.M.	1st RUN + BACKS		DIFF. IGHTS		2nd RUN		3rd RUN - FORE		ADJ. ELEV. SIGHTS				DESCRIPTION BM 104-15 TO BM 104-14A
BM 104-15													BM 104-15
1	173	499	474	5	201 / 145	56	205	490	506	5	233 / 177	56	AVE 'M' & 60 Th St W
													SEE F.B FOR DESC
2	126	963	427	5	154 / 98	56	181	818	482	5	210 / 153	57	
3	120	992	421	5	148 / 92	56	191	863	492	5	219 / 163	56	
4	118	979	419	5	146 / 90	56	188	899	489	5	216 / 160	56	T.A. BICKSLER
													WILD N3-75204
5	135	507	436	5	163 / 107	56	182	076	483	5	210 / 154	56	
6	132	345	433	5	160 / 104	56	181	074	482	5	209 / 153	56	
7	127	432	428	5	143 / 111	32	183	388	484	5	199 / 167	32	
8	136	493	437	5	151 / 120	31	141	831	442	5	156 / 124	32	
TOTAL	1072	210	CM			399	1456	439	CM			401	
							1072	210				399	
DIFF ELEV							384	229	CM		METERS	800	
BM 104-14													BM 104-14
1	077	574	378	5	81 / 73	8	221	241	522	5	225 / 217	8	AVE 'M' & 55 Th St W
							077	574				8	SEE F.B FOR DESC
DIFF ELEV							143	667				16	
BM 104-14A													BM 104-14A
													AVE 'M' & 55 Th St W
													SEE F.B FOR DESC

76S420 S & E-353 4-54

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	~~1ST RUN~~ + BACK SIGHTS		~~DIFF.~~		~~2ND RUN~~		~~3RD RUN~~ - FORE SIGHT		~~ADJ. ELEV.~~				DESCRIPTION BM 104-14A TO BM 104-15
BM 104-14A													BM 104-14A
1	222	260	523	5	226 218	8	078	603	379	5	82 74	8	AVE 'M' & 55 Th St W
	078	603				8							SEE F.B FOR DESC
DIFF ELEV	143	657	CM			16							
BM 104-14													BM 104-14
1	126	608	427	5	142 110	32	122	357	423	5	138 107	31	AVE 'M' & 55 Th St W
													SEE F.B FOR DESC
2	187	348	488	5	203 171	32	131	253	432	5	147 115	32	
3	181	792	482	5	209 153	56	133	033	434	5	161 104	57	
4	180	533	481	5	208 152	56	134	00	35	5	[illegible]	56	⊼ T.A BICKSLER
													WILD N3-75234
5	185	758	486	5	213 157	56	115	87[illegible]	[illegible]6	5	143 87	56	
6	190	801	491	5	218 162	56	119	96[illegible]	4[illegible]0	5	148 92	56	
7	182	45[illegible]	483	5	211 154	57	127	66[illegible]	4[illegible]8	5	[illegible] 95	56	
8	205	384	506	5	234 177	57	173	352	[illegible]4	5	101 145	56	? ← 201 - 145 = 56
TOTAL	1440	683	CM				1057	654	CM				
	1057	654				402						400	
DIFF ELEV	383	029	CM									402	
BM 104-15												802	BM 104-15
													AVE 'M' & 60 Th St W
													SEE F.B FOR DESC

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NE
SURVEY BY A. C. GUIZADO DATE 3-22-60
NOTES BY A. L. G. DATE 3-22-60
INDEXED E. C. Johnson DATE
NOTES RED DATE
NOTES CHKD. HLV DATE 4-4-60

F. B. 2441 PG. 56

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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.M.	1ST RUN +BACK		DIFF. SIGHTS		2ND RUN		3RD RUN -FORE		ADJ. ELEV. SIGHTS				DESCRIPTION BM 104-15 TO BM 104-14 (RERUN)
BM 104-15													BM 104-15
1	171	113	472	5	138 143	56 5	203	158	504	5	231 155	56	AVE M & 60 TH ST W
													SEE F.B FOR DESC
2	127	245	428	5	154 98	56	182	123	483	5	210 153	57	
3	121	119	422	5	149 93	56	191	602	492	5	219 163	56	
4	117	791	418	5	145 89	56	187	936	488	5	215 153	56	⊼ T.A. BICKSLER
													WILD N3-75234
5	131	303	432	5	159 103	56	176	796	477	5	204 148	56	
6	131	871	432	5	159 103	56	181	623	482	5	203 153	56	
7	127	971	428	5	143 111	32	182	947	483	5	198 166	32	
8	123	270	424	5	138 107	31	128	562	429	5	144 112	32	
TOTAL	1051	683	CM			~~399~~ 398	1434 1051	787 683	CM			401 399	
DIFF ELEV BM 104-14							~~383~~ 383	~~074~~ 064	CM	METERS		~~800~~ 798	BM 104-14
													AVE M & 55 TH ST W.
													SEE F.B FOR DESC

NOTES RED _____ JOB NO. 030102 SURVEY OF A. CO. PRECISE LEVEL NE
DATE _____ SURVEY BY A C GUIZADO
NOTES CHKD. HLV NOTES BY ALG DATE 3-23-60
DATE 4-4-60 INDEXED [illegible] Johnson DATE

F.B. 2441 PG. 57

F. B 2441 PG. 58

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

SURVEY BY A.C. GUIRADO DATE

NOTES BY ALG DATE NOTES CHKD.

INDEXED DATE DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

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LOS ANGELES COUNTY SURVEYOR
729 LOS ANGELES COUNTY ENGINEERING BLDG.

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

768420 S & E-353 4-54

Notes Ck'd by	Survey of L.A. Co. PRECISE LEVELNET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes Date 8-24-72
Date	Indexed T. M. PALMER AUG 30 '72

F. B. 2441 PG. 59

JOB NO 0301.02

L.A. CO. PRECISE LEVEL NET

LINE NO. 112, AUGUST 1972 LEVELING

REF.

DESCRIPTIONS

F.B. 2441 - 5 TO 12

F.B. 3726 - 223 TO 239

DREIER

GOBLE

SIEMANN

McKNIGHT

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

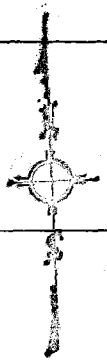
CE#310 3-69

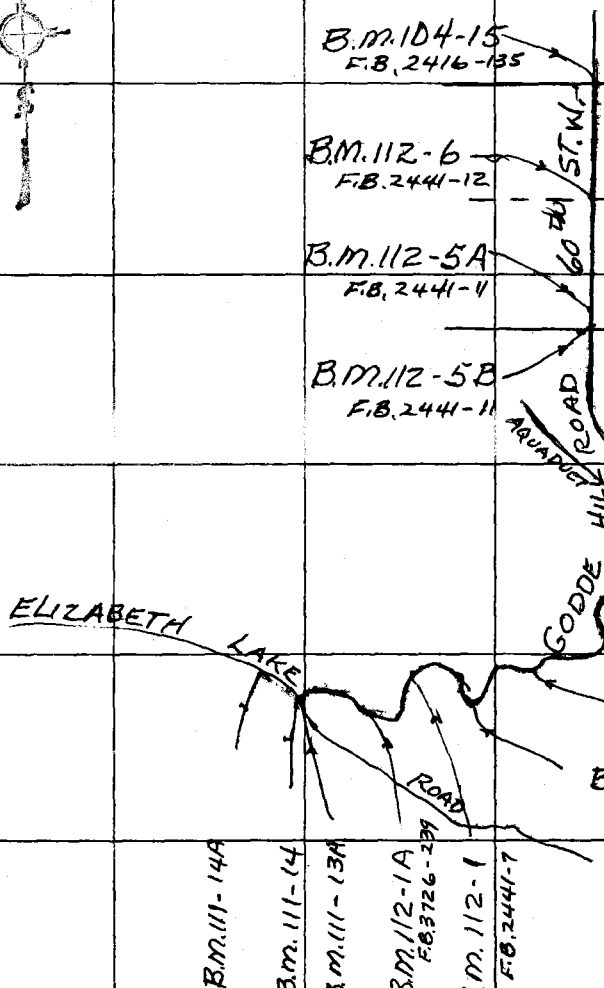
6F309

ROUTE SKETCH, LINE 112

F. B. 2441 PG. 60

AUGUST 1972 RELEVELING





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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76P526 [illegible]E # 308 3-61

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

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

Do not extend notes this side of this line.

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

SURVEY BY DREIER DATE 8-21-72 WEATHER CLEAR, LIGHT BR. INST. NO 96716

NOTES BY DREIER DATE 8-21-72 TIME 9:00 ROD NO 1713A-B

INDEXED I. M. PALMER DATE AUG 31 '72 NOTES CHKD DATE

86°

F.B. 2441 PG. 61

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	175	999	476 5	177 / 173 4	115	578	416 5	142 / 88 54	54 m - 4m = 50m = 0.20mm
2	166	643	467 5	168 / 164 4	227	080	528 5	254 / 200 54	54 m - 4m = 50m = 0.20 mm
	342	642			342	658		108	
						0.40 mm		-8	0.40
								100	
	342	618			342	618			
		024							
	+0.002 mm = "C"								
	100) 0.24								

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 2441 PG. 62 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 8-7-72

INDEXED I. M. PALMERI DATE

94°

WEATHER CLEAR, LT. BR. INST. NO. 96716

TIME 10:45 ROD NO. 17198-B

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	175 608	476 5	177 173 4	115 203	416 5	142 88 54	54 m - 4m = 50m = 0.20 mm
2	169 268	470 5	171 167 4	229 627	530 5	256 202 54	54 m - 4m = 50m = 0.20 "
	344 876		8	344 830		108	
				0.40			CURVEATURE CORR. = 0.40
	344 790			344 790			
	0.86 mm						
	+ 0.009 mm = "C"						
	100) 0.86						

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
	NEAR ROD				FAR ROD				DETERMINATION OF "C"
1	176	097	476 5	178 / 174 4	158	742	459 5	185 / 131 54	
2	159	542	460 5	161 / 157 4	176	859	477 5	203 / 149 54	
	335	639		8	335	601		108	
						040		8	
	335	561			335	561		100	
	0	0,78 mm							
	+0,008 mm = "C"								
	100	0,78							

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

SURVEY BY DREIER

NOTES BY DREIER DATE 8-23-72

INDEXED J. M. PALMERI DATE AUG 31 72

WEATHER 82° LT BR.

TIME 9:15

NOTES CHKD. ____ DATE ____

INST. NO 26716

ROD NO 1713A-B

F.B. 2441 Pg. 63

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 8276
ROD NO. 713 A-B
DATE
WEATHER WINDY 85°
TIME 2:30
NOTES CHKD

F.B. 2441 Pg. 64
JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 8-24-72
INDEXED J. M. PALMERI 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	174652	475 5	176 172 4	157243	458 5	184 130 54	54 m − 4 m = 50 m = 0.20
2	160393	461 5	162 158 4	177750	478 5	204 150 54	" " " 0.20
	335045		8	334993		108	0.40
				0.40 mm		8	
						100	
	334953			334953			
	0 0.92 mm						
	+ 0.009 mm = "C"						
	100 0.92 mm.						

76P52[illegible] 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 CH[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM ____ TO ____
		DETERMINATION OF "C"							
1	151 218	452 5	153 149	4	203 325	504 5	230 176	54	54 m - 4 m = 50 m = 0.20 mm
2	130 850	431 5	132 128	4	78 825	379 5	105 51	54	54 m - 4 m = 50 m = 0.20 mm
	282 068				282 150			108	
				8	- 040	corr.		- 8	curv corr. = 0.40 mm
					282 110			100	
					282 068				
					042				

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

SURVEY BY G. E. DREIER

NOTES BY SIEMANN DATE 8-25-72

INDEXED L. M. PALMERI DATE AUG 31 72

WEATHER LT WIND INST. NO 96716

TIME 9:40 TO 9:50 ROD NO 1713AB

NOTES CHKD ____ DATE ____

T = 74°

F.B. 2441 PG 65

F.B. 2441 Pg. 66 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

76P526 CE # 306 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 CH[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	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-14A TO B.M. 111-14
BM. 111-14A									B.M. ~~111~~ 111-14A (P.C. 1)
1	46	323	347 5	75 ½ 46 58	277	317	578 5	277 ½ 246 62	ELIZABETH LAKE RD., 0.2 MI. W. OF GODDE HILL RD.
									SEE F.B ~~2425~~ 1847-40
2	181	043	482 5	215 147 68	124	818	425 5	158 90 68	
				126				130	
3	92	062	393 5	116 68 48	177	995	478 5	200 154 46	⊼ A. GOBLE
				174				176	
B.M. 111-14								174	B.M. 111-14
	319	428			580	130		350	ELIZABETH LAKE RD. & GODDE HILL RD.
					319	428			SEE F.B. 2437-26
					260	702			

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

SURVEY BY G.E. DREIER DATE 8-18-72 WEATHER 80° LIGHT WIND INST. NO. 96716

NOTES BY G.E. DREIER DATE 8-18-72 TIME 1:00 PM ROD NO. 1713A-B

INDEXED L. M. PALMERI DATE AUG 31 '72 NOTES CHKD. [illegible] DATE 9-6-72

F.B. 2441 PG. 67

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 111-14 TO B.M. 111-14A
B.M. 111-14									B.M. 114-14
1	226	917	527 5	252 200 52	126	082	427 5	152 100 52	ELIZABETH LAKE RD. & GODDE HILL RD
									SEE F.B. 2437-26
2	122	842	423 5	154 90 64 116	163	662	464 5	195 131 64 116	
3	272	242	573 5	297 247 50 166	120	327	421 5	145 95 50 166	
4	120	7 455 ~~327~~	428 5	~~165~~ 131 ~~95~~ 123 8 174	78	817	379 5	82 74 8 174	B.M. 111-14A
									ELIZABETH LAKE RD & 0.2 mi. W. OF
B.M. 111-14A								174	GODDE HILL RD
	749	456			488	888		348	SEE F.B. 1847-40
	488	888							
	+260	568							

F.B. 2441 PG. 68

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 8-25-72

INDEXED I. M. PALMERI DATE

WEATHER LT. HAZE 88° INST. NO. 96716

TIME 1:10 ROD NO. 1713A-B

NOTES CHKD. [illegible] DATE 9-6-72

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 111-14 TO B.M. 111-13A
B.M. 111-14									B.M. 111-14
	95	033	396 5	106 84 22	65	512	366 5	76 54 22	ELIZABETH LAKE RD. & GODDE HILL RD
	65	512						22	SEE F.B 2437-26
	+29	521						44	
B.M. 111-13A									B.M. 111-13A (B.M. No. 15)
									ELIZABETH LAKE RD & GODDE HILL RD
									SEE F.B. 1834-35

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 80°

SURVEY BY G.E. DREIER WEATHER LIGHT WIND INST. NO 96716

NOTES BY G.E. DREIER DATE 8-18-72 TIME 1:15 ROD NO 1713A-B

INDEXED J. M. PALMERI DATE AUG 31 72 NOTES CHKD KM DATE 9-6-72

F.B. 2441 PG 69

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 76716
ROD NO. 1713A-B
DATE 9-6-72
WEATHER LT. HAZE 88°
TIME 1:60
NOTES CHKD. BM

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 111-13A TO B.M. 111-14
B.M. 111-13A							B.M. 111-13A N.E. COR ELIZABETH LAKE RD. & GODDE HILL RD. SEE F.B. 1834-35
1	68 702	369 5	79 57 22	98 242	399 5	109 87 22	
				68 702		22 44	
				-29 540			
B.M. 111-14							B.M. 111-14 N.W. COR ELIZABETH LAKE RD. & GODDE HILL RD SEE F.B. 2437-26

F.B. 2444 PG. 70
JOB NO. 0301.02
SURVEY OF LA-Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 8-25-72
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 ON THIS SHEET MUST BE MADE 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. 111-13A TO B.M. 112-1A
B.M. 111-13A											B.M. 111-13A (B.M. No. 15)
1	216	140	517 5	229 / 203	26	30	348	331 5	45 / 15	30	ELIZABETH LAKE RD. & GODDE HILL RD. SEE F.B. 1834-35
2	296	320	597 5	296 / 284	24 / 50	22	629	323 5	34 / 10	24	
3	294	153	595 5	304 / 284	20 / 70	56	381	357 5	66 / 46	54 / 20	⊼ A. GOBLE
4	252	547	553 5	267 / 237	30 / 100	53	073	354 5	67 / 39	74 / 28 / 102	
5	233	932	534 5	255 / 211	44 / 144	20	672	321 5	41 / -1	42 / 144	
6	283	142	584 5	303 / 263	40 / 184	58	578	359 5	77 / 39	38 / 182	
7	246	702	547 5	267 / 225	42 / 226	31	093	332 5	52 / 10	42 / 224	
8	254	832	555 5	271 / 237	34 / 260	7	222	308 5	22 / 27	30 / 254	
9	274	612	575 5	285 / 263	22 / 282	7	101	308 5	21 / 27	28 / 282	
10	299	613	600 5	299 / 290	18 / 300	32	812	333 5	42 / 22	20 / 302	
11	279	172	580 5	288 / 270	18 / 320	32	906	333 5	41 / 23	18 / 320	
12	253	515	554 5	259 / 247	12 / 330	82	735	383 5	89 / 75	14 / 334 / 339	
	3184	680				435	550			668 4'	
B.M. 112-1A	435	550									B.M. 112-1A GODDE HILL RD., 0.4 MI. N.E. OF ELIZABETH LAKE RD. SEE F.B. 3726-239
	+2749	130									

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 8-18-72

INDEXED J. M. PALMERI DATE AUG 31 '72

WEATHER LIGHT WIND 81°

TIME 1:20 TO 2:05

NOTES CHKD. RM

INST. NO. 96716

ROD NO. 1713A-B

DATE 9-6-72

F.B. 2441 PG. 71

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
B.M. 112-1A									FROM B.M. 112-1A TO B.M. 111-13A
1	71	038	372 5	78 64 14	270	207	571 5	277 263 14	B.M. 112-1A GODDE HILL RD., 0.4 MI. N.E. OF ELIZABETH LAKE ROAD SEE F.B. 3726-239
2	9	072	310 5	20 -2 22 36	299	950	600 5	½ 299 288 22 36	
3	7	662	308 5	17 -3 20 56	281	267	582 5	291 271 20 56	
4	36	968	337 5	47 25 22 78	259	557	560 5	269 249 20 76	
5	26	343	337 5	40 12 28 106	231	158	532 5	245 217 28 104	⊼ A. GOBLE
6	47	530	348 5	66 28 38 144	237	478	538 5	256 218 38 142	
7	14	080	315 5	½ 39 14 50 194	301	962	602 5	½ 301 277 48 190	
8	43	178	344 5	65 21 44 238	268	085	569 5	291 245 46 236	
9	44	832	345 5	60 28 32 270	281	272	582 5	297 265 32 268	
10	6	828	307 5	16 -4 20 290	296	183	597 5	308 284 24 292	
11	3	528	304 5	½ 16 3 26 316	211	735	512 5	224 198 26 318	
12	80	185	381 5	87 73 14 330	201	622	502 5	208 194 14 332	
								330	
	391	244			3140	476		662	
					391	244			B.M. 111-13A ELIZABETH LAKE RD. & GODDE HILL RD. SEE F.B. 1834-35
B.M. 111-13A					2749	232			

F.B. 2441 PG. 72 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 8-25-72

INDEXED T. M. PALMERI DATE

WEATHER LT. HAZE CALM INST. NO. 96716

TIME 11:25 ROD NO. 1713A-B

NOTES CHKD RM DATE 9-6-72

88°

76P526 OE # 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 CHALLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 8-18-72
INDEXED L. M. PALMERI DATE AUG 31 72
WEATHER WINDY 82°
TIME 2:05
NOTES CHKD. LM
INST. NO 96716
ROD NO. 1713A-B
DATE 9-6-72
F.B. 2441 PG. 73

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 112-1A TO B.M. 112-1
B.M. 112-1A									B.M. 112-1A GODDE HILL RD
1	263	951	564 5	271 255 16	43	932	344 5	50 36 14	~~ELIZABETH LAKE RD~~ & 0.4 mi. N.E. of
									~~GODDE HILL RD.~~ ELIZABETH LAKE RD
2	282	891	583 5	291 273 18 34	41	113	342 5	50 32 18 32	SEE F.B. 3726-239
3	297	440	598 5	306 288 18 52	37	585	338 5	46 28 18 50	⊼ R. SIEMAN
4	289	440	590 5	299 279 20 72	28	969	329 5	38 18 20 70	
5	295	670	596 5	304 286 18 90	20	199	321 5	30 10 20 90	
6	296	254	597 5	304 288 16 106	38	808	339 5	48 28 20 110	
7	288	567	589 5	298 278 20 126	59	170	360 5	68 50 18 128	
8	293	823	594 5	305 281 24 150	24	213	325 5	35 13 22 150	
9	297	563	598 5	306 288 18 168	8	990	309 5	1/2 20 8 12 162	
10	292	360	593 5	300 284 16 184	21	339	322 5	29 13 16 178	
11	299	449	600 5	307 291 16 200	70	010	371 5	78 62 16 194	
12	293	831	594 5	301 285 16 216	50	107	351 5	58 42 16 210	
13	281	900	582 5	290 272 18 234	40	806	341 5	48 32 16 226	
14	301	938	602 5	1/2 301 293 16 250	72	322	373 5	85 59 26 252	
	4075	0[illegible]		CONT.	55	7563			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 173A-B DATE 9-6-72

WEATHER WINDY 82° TIME 2:05 TO 3:00 NOTES CHKD

F.B. 2441 PG. 74 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 8-18-72

INDEXED J. M. PALMERI DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM.112-1A TO B.M.112-1
	4075077		250	357 563		252	CONT.
15	276 091	577 5	286 266 20	38 850	339 5	46 30 16 268	
16	180 571	481 5	181 179 2 270 272	81 582	382 5	83 79 4 272	
						272	
	4531 739			677 995		344	
B.M. 112-1	677 995						B.M. 112-1 (U.S.C.&G.S. F 1045 1960) GODDE HILL RD, 0.7 MI N.E. OF ELIZABETH LAKE RD AT MI. 2.44 SEE F.B. 2441-7
	+3853 744						

76P5268 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.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	9 8 8 2			9 6 7 6 8			FROM B.M. 112-1 TO B.M. 112-1A
B.M. 112-1	18 241	319 5	24 12 12	269 400	570 5	275 263 12	B.M. 112-1 (U.S.C.&G.S. F-1045 1960) GODDE HILL RD. 0.7 MI. N.E. OF ELIZ. LAKE RD. AT MI. 2.44
2	5 199	306 5	1/2 14 5 18 30	300 549	601 5	1/2 300 292 16	SEE F.B. 2441-7
3	35 094	336 5	43 27 16 46	265 879	566 5	273 257 28 16	
4	57 897	358 5	65 49 16 62	273 205	574 5	281 265 44 16 60	R. SIEMANN
5	32 772	333 5	41 23 18 80	290 919	591 5	300 280 20 80	
6	36 750	337 5	47 25 22 102	295 665	596 5	304 286 18 98	
7	5 820	306 5	1/2 14 5 18 120	269 993	570 5	279 259 20 118	
8	4 631	305 5	1/2 14 4 20 140	292 110	593 5	302 282 20 138	
9	66 378	367 5	76 56 20 160	261 710	562 5	270 252 18 156	
10	22 700	323 5	31 13 18 178	295 394	596 5	305 285 20 176	
11	18 670	319 5	28 8 20 198	299 311	600 5	1/2 299 289 20 196	
12	23 690	324 5	33 13 20 218	291 176	592 5	301 281 20 216	
13	19 780	320 5	29 9 20 238	300 313	601 5	1/2 300 291 18 234	
14	9 334	310 5	20 -2 22 260	300 920	601 5	1/2 300 289 22 256	
15	73 920	374 5	80 66 14 274	278 160	579 5	285 271 14 270 274	
	430 876			4284 704		544	
B.M. 112-1A				430 876			B.M. 112-1A GODDE HILL RD. 0.4 MI. N.E. OF ELIZ. LAKE RD. E. OF MI. 2.80 SEE F.B. 3726-239
				3853 828			

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

SURVEY BY G.E. DREIER DATE 8-25-72 WEATHER LT. HAZE, CALM 78° INST. NO 96716

NOTES BY G.E. DREIER DATE 8-25-72 TIME 10:25 TO ROD NO 1713A-B

INDEXED L. M. PALMERI DATE AUG 31 '72 NOTES CHKD. [illegible] DATE 9-6-72

F.B. 2441 PG. 75

F.B. 2441 Pg. 76 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

76P526 LE # 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 G.E. DREIER

NOTES BY SIEMANN DATE 8-31-72

INDEXED L.M. PALMER DATE AUG 31 72

WEATHER SUNNY CLEAR INST. NO 96716

TIME 10:30 TO 11:30 ROD NO 7134-8

NOTES CHKD DATE 9-6-72

F.B. 2441 PG. 77

T = 88°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 112-1 TO B.M. 112-1B
B.M. 112-1							B.M. 112-1 GODDE HILL ~~ELIZABETH LAKE~~ RD. & 0.7 MI. N.E. OF ELIZABETH LAKE RD. SEE F.B 2441-7
1	238 381	539 5	250 / 226 24	7328	307 5	22 / 2 7 30	
2	280 916	581 5	290 / 270 20	3 168	304 5	13 / 3 20	
3	301 746	602 5	301 44 / 292 18	14 021	315 5	22 50 / 6 16	
4	295 662	596 5	303 62 / 287 16	11 450	312 5	19 66 / 3 16	
5	273 433	574 5	281 78 / 265 16	38 138	339 5	46 82 / 30 16	
6	248 892	549 5	257 94 / 239 18	6 865	307 5	15 / 2 6 18	
7	274 980	575 5	288 112 / 260 28	5 150	306 5	16 / 2 5 20	
8	298 102	599 5	308 140 / 288 20	9905	310 5	21 136 / 3 18	
9	290 865	591 5	299 160 / 281 18	13 833	314 5	21 154 / 5 16	
10	294 740	595 5	302 178 / 286 16	6 189	307 5	16 / 2 8 20	
11	281 520	582 5	290 194 / 272 18	6 421	307 5	18 / 2 6 24	
12	268 846	569 5	276 212 / 260 16	29 345	330 5	37 / 21 16	
13	206 104	507 5	210 228 / 202 8	103 805	404 5	106 / 100 6	
			236			236	
B.M. 112-1B						236	B.M. 112-1B
	355 ~~4192~~ 4187			255 618		472	GODDE HILL RD 1.05 MI. N.E. OF ELISABETH LAKE RD. SEE F.B 3726-226

T = DREIER

+ 3554.187
− 255.618
+ 3298.569

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	7 5 7 5			6 6 7 7 6			FROM B.M. 112-1B TO B.M. 112-1
B.M. 112-1B							B.M. 112-1B
1	71 567	372 5	77 65 12	275 506	576 5	282 268 14	GODDE HILL RD. 1.05 MI. N.E. OF
2	34 280	335 5	45 23 22 34	283 167	584 5	293 173 20 34	ELISABETH LAKE RD.
3	16 143	317 5	26 6 20 54	292 818	593 5	301 283 18 52	SEE F.B. 3726-226
4	5 898	306 5	½ 15 5 20 74	293 855	594 5	302 284 18 70	
5	8 113	309 5	17 -1 18 92	287 785	588 5	296 278 18 88	
6	18 686	319 5	28 8 20 112	297 770	598 5	308 286 22 110	
7	9 039	310 5	19 -1 20 132	293 489	594 5	305 281 24 134	
8	34 100	335 5	45 23 22 154	298 670	599 5	309 287 22 156	π = DREIER
9	12 579	313 5	22 2 20 174	301 704	602 5	½ 301 292 18 174	
10	3 957	304 5	½ 16 3 26 200	293 661	594 5	306 280 26 200	
11	4 160	305 5	½ 12 4 16 216	291 049	592 5	302 280 22 222	
12	36 635	337 5	46 26 20 236	255 168	556 5	262 248 14 236	
13	69 450	370 5	75 63 12 248	158 560	459 5	164 152 12 248	
B.M. 112-1						248	B.M. 112-1 (U.S.C.&G.S. 1045 1960)
	324 607			3623 202		496	GODDE HILL RD.
				324 607			SEE F.B. 2441-7
				-3298 595			

T = 74°

WEATHER LT. WIND INST. NO. 96716

TIME 9:50 TO 10:25 ROD NO. 1713 A&B

NOTES CHKD. J.M. DATE 9-6-72

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 8-25-72

INDEXED J. M. PALMERI DATE

F.B. 2441 PG. 78

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 T= 88°
SURVEY BY G.E. DREIER
NOTES BY SIEMANN
INDEXED T.M. PALMERI
DATE 8-21-72
DATE AUG 31 72
WEATHER HOT SUN
TIME 11:30 TO 12:20
NOTES CHKD
INST. NO. 76716
ROD NO. 113 A&B
DATE 9-6-72
F.B. 2441 Pg. 79

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 112-1B TO B.M. 112-2
B.M. 112-1B							B.M. 112-1B
1	116 921	417 5	141 91 50	181 999	482 5	206 156 50	GODDE HILL RD. 1.5 MI. N.E. OF ELISABETH LAKE RD. SEE F.B. 3726-22
2	14 755	315 5	25 3 22	298 608	599 5	307 289 18	
3	7873	308 5	16 72 2 18	298 882	599 5	307 68 289 18	
4	19074	320 5	2 3 68 9 28	292 209	593 5	303 86 281 22	
5	8418	309 5	110 16 0 16	301 019	602 5	301 108 292 18	
6	37943	338 5	126 46 28 18	289 028	590 5	299 126 279 20	
7	12747	313 5	144 21 3 18	295 882	596 5	303 146 287 16	⊼ = DREIER
8	13289	314 5	162 22 4 18	285 905	586 5	294 162 276 18	
9	10 252	311 5	180 ½ 23 ½ 10 26	287 443	588 5	301 180 273 28	
10	6828	307 5	206 ½ 14 16	295 572	596 5	303 208 287 16	
11	5784	306 5	222 12 2 14	299 385	600 5	306 224 292 14	
12	18 873	319 5	236 26 10 16	278 389	579 5	286 238 270 16	
13	33 627	334 5	252 42 24 18	274 060	575 5	283 254 265 18	
14	32 908	333 5	270 43 21 22	286 288	587 5	296 272 276 20	
15	60 028	361 5	292 68 52 16	236 228	537 5	244 292 228 16	
			308			308	
B.M. 112-2	399320			4200895		308 616	B.M. 112-2 (U.S.C.&G.S. E-1045)
				399320			GODDE HILL RD. 1.4 MI. N.E. OF ELISABETH LAKE RD. SEE F.B. 2441-8
				3801575			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	6876			8			FROM B.M. 112-2 TO B.M. 112-1B
B.M. 112-2							B.M. 112-2 (U.S.C.&G.S. E-1045)
1	266 368	567 5	275 / 257 18	28 613	329 5	38 / 18 20	GODDE HILL RD. 1.4 MI. N.E. OF ELISABETH LAKE RD.
2	249 888	550 5	260 / 238 22	13 830	314 5	24 / 2 22	SEE F.B. 2441-8
3	296 762	597 5	304 / 288 16 / 40 / 56	26 323	327 5	35 / 17 18 / 42 / 60	
4	295 352	596 5	304 / 286 18 / 74	8 948	309 5	1/2 19 / 8 22 / 82	
5	294 999	595 5	304 / 284 20 / 94	13 640	314 5	22 / 4 18 / 100	
6	301 365	602 5	1/2 301 / 291 20 / 114	10 345	311 5	18 / 1 17 / 117	
7	259 874	560 5	271 / 247 24 / 138	6 551	307 5	1/2 16 / 6 20 / 137	⊼ = DREIER
8	300 742	601 5	1/2 300 / 289 22 / 160	3 944	304 5	1/2 14 / 3 22 / 159	
9	301 100	602 5	1/2 301 / 291 20 / 180	6 180	307 5	1/2 16 / 6 20 / 179	
10	291 440	592 5	301 / 281 20 / 200	3 493	304 5	1/2 13 / 3 20 / 199	
11	301 776	602 5	1/2 301 / 291 20 / 220	15 551	316 5	25 / 5 20 / 219	
12	286 907	587 5	296 / 276 20 / 240	17 032	318 5	26 / 8 18 / 237	
13	285 300	586 5	293 / 277 16 / 256	10 372	311 5	18 / 2 16 / 253	
14	270 125	571 5	278 / 262 16 / 272	47 940	348 5	56 / 38 18 / 271	
15	136 261	437 5	159 / 113 46 / 318	123 748	424 5	147 / 99 48 / 319	
B.M. 112-1B						318	B.M. 112-1B
	4138 259			336 510		637	GODDE HILL RD. 1.05 MI. NE OF ELISABETH LAKE RD.
	336 510						SEE FB 3776-[illegible]
	+3801 749						

T: 80°

WEATHER VERY WINDY INST. NO. 96716

TIME 2:10 TO 3:00 ROD NO. 1713 A-B

NOTES CHKD. [illegible] DATE 9-6-72

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES ~~G.E. DREIER~~ SIEMANN 8-24-72

INDEXED I. M. PALMERI DATE

F.B. 2441 PG. 80

76P526 GE # 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 97°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 8-21-72
INDEXED T. M. PALMERI DATE AUG 31 72
WEATHER LT. BREEZE INST. NO. 86716
TIME 1:15 TO 2:30 ROD NO. 713A-B
NOTES CHKD [illegible] DATE 9-6-72
F.B. 2441 Pg. 81

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 112-2 TO B.M. 112-2A
B.M. 112-2									B.M. 112-2 (U.S.C. & G.S. E-1045 1960)
1	6	580	307 5	11 / 1 / 10	295	887	396 5	302 / 288 / 14	GODDE HILL RD, 1.4 MI. N.E. OF ELIZABETH LAKE RD.
2	27	072	328 5	35 / 19 / 16 / 26	263	261	564 5	271 / 255 / 16 / 30	SEE F.B. 2441-8
3	8	330	309 5	21 / 8 / 26	300	718	601 5	300 / 287 / 26	
4	18	482	319 5	28 / 8 / 52 / 20	293	767	594 5	304 / 282 / 56 / 22	A. GOBLE
5	8	252	309 5	14 / 2 / 72 / 12	275	453	576 5	281 / 269 / 78 / 12	
6	31	608	332 5	39 / 23 / 84 / 16	263	968	564 5	271 / 255 / 90 / 16	
7	41	248	342 5	51 / 31 / 100 / 20	281	172	582 5	291 / 271 / 106 / 20	
8	4	761	305 5	16 / 4 / 120 / 24	296	222	597 5	307 / 285 / 126 / 22	
9	12	727	313 5	21 / 3 / 144 / 18	278	625	579 5	287 / 269 / 148 / 18	
10	10	308	311 5	21 / -1 / 162 / 22	288	668	589 5	299 / 277 / 166 / 22	
11	38	412	339 5	48 / 28 / 184 / 20	298	300	599 5	308 / 288 / 188 / 20	
12	9	492	310 5	19 / -1 / 204 / 20	293	202	594 5	304 / 282 / 208 / 22	
13	16	283	317 5	26 / 6 / 224 / 20	287	738	588 5	296 / 278 / 230 / 18	
14	28	338	329 5	37 / 19 / 244 / 18	269	475	570 5	278 / 260 / 248 / 18	
15	15	789	316 5	24 / 6 / 262 / 18	284	530	585 5	293 / 275 / 266 / 18	
16	22	227	323 5	32 / 12 / 280 / 20	274	412	575 5	284 / 264 / 284 / 20	
17	15	068	316 5	27 / 3 / 300 / 24	263	052	564 5	273 / 253 / 304 / 20	
	314	977		324	4808	450		324	B.M. 112-2A
					314	977		324	GODDE HILL RD & 1.8 MI. N.E. OF ELIZABETH LAKE RD.
								648	50 FT. N. OF "M. 137"
B.M. 112-2A					4493	473			SEE F.B. 3726-228

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 112-2A TO B.M. 112-2
B.M. 112-2A									
1	256	193	557 5	266 / 246 20	19	553	320 5	29 / 9 20	B.M. 112-2A 1.8 MI. N.E. OF ELIZ. LAKE RD
2	280	945	581 5	290 / 270 20 / 40	30	792	331 5	40 / 20 20 / 40	GODDE HILL RD AT MI. 1.37
3	301	018	602 5	301 / ½ 290 22 / 62	5	067	306 5	16 / ½ 5 22 / 62	SEE F.B. 3726-228
4	281	372	582 5	291 / 271 20 / 82	20	838	321 5	30 / 10 20 / 82	⊼ A. GOBLE
5	301	210	602 5	301 / ½ 291 20 / 102	18	502	319 5	28 / 8 20 / 102	
6	291	212	592 5	302 / 280 22 / 124	6	368	307 5	16 / ½ 6 20 / 122	
7	299	340	600 5	½ 299 / 289 20 / 144	20	547	321 5	31 / 9 22 / 144	
8	301	397	602 5	301 / ½ 289 24 / 168	4	795	305 5	15 / ½ 4 22 / 166	
9	291	428	592 5	301 / 281 20 / 188	21	328	322 5	30 / 12 18 / 184	
10	286	077	587 5	297 / 275 22 / 210	32	562	333 5	42 / 22 20 / 204	
11	294	798	595 5	305 / 283 22 / 232	9	562	310 5	21 / 3 24 / 228	
12	299	392	600 5	307 / 291 16 / 248	3	868	304 5	12 / ½ 3 18 / 246	
13	299	815	600 5	307 / 291 16 / 264	11	093	312 5	21 / 1 20 / 266	
14	287	055	588 5	297 / 277 20 / 284	36	645	337 5	46 / 26 20 / 286	
15	287	647	588 5	298 / 276 22 / 306	4	645	305 5	15 / ½ 4 22 / 308	
16	299	697	600 5	307 / 291 16 / 322	16	660	317 5	23 / 9 14 / 322	
17	185	300	486 5	187 / 183 4 / 326	87	362	388 5	89 / 85 4 / 326	B.M. 112-2 (U.S.C.& G.S. R 1045 1960)
	4843	896			350	187		326	GODDE HILL RD 1.4 MI. N.E.
	350	187						652	OF ELIZABETH LAKE RD
B.M. 112-2 +	4493	709							SEE F.B. 2441-8

F.B. 2441 PG. 82

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY NOTES DREIER 8-24-72

INDEXED I. M. PALMERI DATE

WEATHER WINDY 82° INST. NO. 96716

TIME 1:00 TO 2:07 ROD NO. 1713A-B

NOTES CHKD. RMC DATE 9-6-72

76P52 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 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 G.E. DREIER DATE 8-21-72 WEATHER 98° LIGHT BREEZE

NOTES BY G.E. DREIER TIME 2:30 INST. No 26716

INDEXED T.M. PALMERI DATE AUG 31 72 NOTES CHKD. DATE 9-6-72 ROD No 12134-B

F.B. 2441 Pg. 83

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM BM.112-2A TO B.M.112-3
BM.112-2A											BM.112-2A
1	37	706	338 5	46 28	18	282	017	583 5	291 273	18	GODDE HILL RD. 1.8 MI. N.E. of ELIZABETH LAKE RD
2	61	963	362 5	73 49	14 32	266	525	567 5	279 253	16	SEE F.B 3726-228
3	3	248	304 5	18 ½ 3	30 62	274	828	575 5	290 258	34 32	
4	29	088	330 5	45 13	32 94	291	598	592 5	307 275	66 32	↑ A. GOBLE
5	20	857	321 5	28 12	16 110	256	092	549 5	263 249	98 14	
6	97	595	398 5	101 93	8 118	153	848	454 5	156 150	112 6 118	T.P. 1" I.P. ↓ 8-22-72
7	17	932	318 5	29 5	24 142	298	772	599 5	298 ½ 286	24 142	
8	30	072	331 5	43 17	26 168	290	558	591 5	303 277	26 168	
9	9	753	310 5	19 -1	20 188	281	371	582 5	291 271	20 188	
10	42	320	343 5	52 32	20 208	288	842	589 5	298 278	20 208	
11	27	788	328 5	37 17	20 228	301	462	602 5	301 ½ 291	20 228	
12	29	148	330 5	40 18	22 250	297	395	598 5	308 286	22 250	
13	25	200	326 5	36 14	22 272	275	117	576 5	285 265	20 270	
14	6	083	307 5	½ 18 6	24 296	301	200	602 5	301 ½ 290	22 292	
15	7	727	308 5	½ 19 7	24 320	295	878	596 5	308 282	26 318	
16	19	973	320 5	33 5	28 348	278	007	579 5	293 263	30 348	
17	100	318	401 5	114 86	28 376	93	548	394 5	107 79	28 376	
	566	771				4527058 − 566771 = 3960287				376 752	B.M.112-3 (U.S.C.&G.S. D-1045 1960) GODDE HILL RD. S. of AQUEDUCT SEE F.B. ~~3726~~ 2441-9
B.M.112-3											

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.

INST. NO. 96216 ROD NO. 1713A-B DATE 9-6-72

WEATHER LT. WIND TIME 10:30 NOTES CHKD. AM

F.B. 2441 Pg. 84 JOB NO. 0301.02

SURVEY OF LA Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 8-24-72

INDEXED L. M. PALMERI DATE

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 112-3 TO B.M. 112-2A
B.M. 112-3							B.M. 112-3 (U.S.C.&G.S. D 1045 1960)
1	143 052	4445	165 121 44	10 245	3115	31 210 42	GODDE HILL RD. S. OF AQUADUCT
							SEE F.B. 2441-9
2	288 692	5895	302 274 28	23 620	3245	35 11 24	
			308 72			66	
3	297 742	5985	286 22	5 006	3065	18 ½ 5 26	A. GOBLE
			94			92	
4	296 152	5975	309 283 26	11 962	3125	24 −2 26	
			120			118	
5	266 558	5675	278 254 14	10 773	3105	21 −1 22	
			134			140	
6	289 782	5905	302 276 26	14 033	3155	27 1 26	
			160			166	
7	301 652	6025	½ 301 282 38	9 203	3105	21 ½ 9 24	
			198			190	
8	288 798	5895	297 279 18	13 980	3145	22 4 18	
			216			208	
9	295 594	5945	301 285 16	9 002	3105	16 2 14	
			232			222	
10	285 217	5865	292 278 14	49 837	3505	62 36 26	
			246			248	
11	300 492	6015	306 294 12	20 842	3215	27 13 14	
			258			262	
12	300 238	6015	300 ½ 285 30	22 740	3235	37 7 30	
			288			292	
13	298 752	5995	1 298 2 281 34	8 485	3095	½ 8 28	
			322			320	
14	251 610	5525	261 241 20	46 747	3475	57 35 22	
			342			342	
15	295 603	5965	295 ½ 278 34	28620	3295	45 11 34	
			376			376	
16	224 148	5255	234 214 20	176 241	4775	186 166 20	
			396			396	B.M. 112-2A
	4422082			4613 36		396	GODDE HILL RD. 1.8 mi. NE OF
B.M. 112-2A	461 336					792	ELIZABETH LAKE RD
	+3960746						SEE F.B. 3726-228

76P5263 CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER
INDEXED L.M. PALMERI
DATE 8-25-72
DATE AUG 31 72
WEATHER MOSTLY CALM 90°
TIME 2:00
NOTES CHKD KM
INST. NO 26716
ROD NO 713A-B
DATE 9-6-72
F.B. 2441 Pg. 85

RERUN

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 112-2A TO B.M. 112-3
B.M. 112-2A									B.M. 112-2A
									GODDE HILL RD. AT mi. 1.37
1	6	208	307 5	½ 16 6 20	270	272	571 5	280 260 20	SEE F.B. 3726-228
2	27	750	328 5	42 12 30	298	778	599 5	298 ½ 284 28	
3	16	652	317 5	30 2 50 28	248	922	549 5	262 234 48 28	RERUN
4	20	053	321 5	38 2 78 36	296	307	597 5	308 284 76 24	T A. GOBLE
5	6	040	307 5	13 1 114 12	269	830	570 5	282 256 100 26	
6	6	013	307 5	½ 17 6 126 22	296	123	597 5	296 ½ 282 126 28	
7	37	790	338 5	47 27 148 20	284	048	585 5	294 274 154 20	
8	10	442	311 5	21 -1 168 22	297	835	598 5	297 284 174 26	
9	28	437	329 5	37 19 190 18	233	842	534 5	239 227 200 12 212	
10	5	005	306 5	½ 16 5 208 22	297	872	598 5	308 286 22	
11	28	642	329 5	38 18 230 20	261	673	562 5	270 252 234 18	
12	19	945	320 5	30 8 250 22	284	292	585 5	295 273 252 22	
13	5	652	306 5	½ 17 5 272 24	289	220	590 5	301 277 274 24	
14	9	238	310 5	19 -1 296 20	297	163	598 5	308 286 298 22	
15	21	882	322 5	36 6 316 30	244	955	545 5	257 231 320 26	
16	60	852	361 5	75 45 346 30	100	230	401 5	115 85 346 30	
				376				376	B.M. 112-3 (U.S.C&G.S. D-1045 1960)
B.M.	310	601			4271	362		376	GODDE HILL RD. S. OF AQUADUCT
					310	601		752	SEE F.B. 2441-9
					-3960	761			

F.B. 2441 Pg. 86 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76P52 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 CH[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 112-3 TO B.M. 112-3A
B.M. 112-3									B.M. 112-3 (U.S.C. & G.S. D 1045 1960)
1	6	741	307 5	19 ½ 6 26	237	316	538 5	250 224 26	GODDE HILL RD. SO. OF AQUEDUCT
									SEE F.B. 2441-9
2	54	997	355 5	76 32 44	230	701	531 5	252 208 44	
				70				70	
								70	
	61	738			468	017		140	
B.M. 112-3A					61	738			B.M. 112-3A (STATE OF CALIF. DEPT OF WATER
									RECOURSES (NO NO.) 1968
					406	279			GODDE HILL RD. & AQUADUCT, S.E. COR
									SEE F.B. 3726-230

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

SURVEY BY DREIER

NOTES BY DREIER DATE 8-22-72

INDEXED L. M. PALMERI DATE AUG 31 72

WEATHER CLEAR 92°

TIME 10:35

NOTES CHKD LM

INST. NO 96716

ROD NO 1713A-B

DATE 9-6-72

F.B. 2441 PG. 87

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 112-3A TO B.M. 112-3
B.M. 112-3A									B.M. 112-3A (S.C. W.R. (No No) 1968)
1	253	408	554 5	280 226 54	37	370	338 5	64 10 54	GODDE HILL RD. & AQUADUCT S.E. COR.
									SEE F.B. 3726-230
2	214	550	515 5	220 208 12	24	280	325 5	30 18 12	
				66				66	
								66	
	467	958			61	650		132	
B.M. 112-3	61	650							B.M. 112-3 (U.S.C.&G.S. D-1045 1960)
	+406	308							GODDE HILL RD. & S. of AO

F.B. 2441 PG. 88 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 8-24-72

INDEXED T. M. PALMERI DATE

WEATHER WINDY INST. NO. 96716

TIME 10:20 ROD NO. 1713A-B

NOTES CHKD. JM DATE 9-6-72

850

76P52 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 112-3A TO B.M. 112-3B
B.M. 112-3A									B.M. 112-3A (S.C.W.R. GODDE HILL RD. & AQUADUCT, S.E. COR. SEE F.B. 3726-230
	90	292	391 5	106 74 32	250	619	551 5	265 235 30	
					90	292		32	
					160	327		62	⊼ R. SIEMANN
B.M. 112-3B									B.M. 112-3B (S.C.W.R. 337.7A 1971) GODDE HILL RD. & AQUADUCT, N.W. COR. SEE F.B. 3726-230

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

SURVEY BY DREIER WEATHER 90° LT. BR. INST. NO. 96716

NOTES BY DREIER DATE 8-22-72 TIME 10:50 ROD NO. 17134-B

INDEXED J. M. PALMERI DATE AUG 31 72 NOTES CHKD. LM DATE 9-6-72

F.B. 2441 PG. 89

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 112-3B TO B.M. 112-3A
B.M. 112-3B									B.M. 112-3B (S.C.W.R. GODDE HILL RD. & AQUADUCT, N.W. COR
1	255	444	556 5	270 240 30	95	151	396 5	110 80 30	SEE F.B. 3726-230
	95	151						30	
								60	
B.M. 112-3A	+160	293							B.M. 112-3A (S.C.W.R., (No No.) 1968 GODDE HILL RD. & AQUADUCT, S.E. COR. SEE F.B. 3726-230

F.B. 2441 PG. 90

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 8-24-72

INDEXED I. M. PALMERI DATE

WEATHER WINDY 85° INST. NO. 96716

TIME 10:20 ROD NO. 1713A-B

NOTES CHKD. RM DATE 9-6-72

76P52[illegible] 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 CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.112-3B TO B.M.112-4A
B.M.112-3B									B.M.112-3B (S.C.W.R. 337.7A 1971)
1	5	409	306 5	½ 26 5 42	282	303	583 5	302 262 40	GODDE HILL RD. & AQUADUCT, N.W. COR
									SEE F.B. 3726-230
2	4	752	305 5	½ 21 4 34 76	300	770	601 5	½ 300 286 28 68	
3	47	897	348 5	58 36 22 98	300	410	601 5	½ 300 286 28 96	⊼ R. SIEMANN
4	15	255	316 5	28 2 26 124	294	351	595 5	½ 294 280 28 124	
5	38	398	339 5	50 26 24 148	274	268	575 5	286 262 24 148	
6	34	370	335 5	46 22 24 172	270	560	571 5	282 258 24 172	
7	47	950	348 5	60 34 26 198	276	462	577 5	288 264 24 196	
8	39	000	340 5	46 32 14 212	273	046	574 5	279 267 12 208	
9	144	189	445 5	146 142 4 216	222	510	523 5	225 219 6 214 216	
B.M.112-4A								430	B.M.112-4A (S.C.W.R. M-3-305)
	377	220			2494	680			GODDE HILL RD, N. OF AQUADUCT
					377	220			SEE F.B. 3726-231
					2117	460			

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

SURVEY BY G.E. DREIER DATE 8-22-72 WEATHER LT. BREEZE INST. NO. 96716

NOTES BY G.E. DREIER DATE 8-22-72 TIME 11:00 ROD NO. 1713A-B

INDEXED E. M. PALMERI DATE AUG 31 '72 NOTES CHKD. LM DATE 9-6-72

F.B. 2441 PG. 91

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2441 PG. 92 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 8-24-72

INDEXED J. M. PALMERI DATE

WEATHER WINDY 85° TIME 9:40 NOTES CHKD. RM

INST. NO. 96716 ROD NO. 1713 A-B DATE 9-6-72

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 112-4A TO B.M. 112-3B
B.M. 112-4A									B.M. 112-4A (S.C.W.R M3-305)
									GODDE HILL RD. N. OF AQUADUCT
									SEE F.B. 3726-231
1	301	879	602 5	307 295 ~~307~~ 12	33	992	334 5	39 27 12	
2	290	651	591 5	306 274 32 44	7	743	308 5	½ 24 ½ 7 34 46	
3	277	530	578 5	292 262 30 74	24	829	325 5	39 9 30 76	
4	287	089	588 5	299 275 24 98	32	502	333 5	45 19 26 102	
5	294	975	595 5	307 281 26 124	6	400	307 5	½ 19 ½ 6 26 128	
6	301	140	602 5	½ 301 ½ 287 28 152	7	828	308 5	½ 21 ½ 7 28 156	
7	294	530	595 5	½ 294 ½ 279 30 182	38	238	339 5	52 24 28 184	
8	274	720	575 5	288 260 28 210	53	356	354 5	½ 64 ½ 53 22 206	
B.M. 112-3B								210	B.M. 112-3B (S.C.W.R.
	2322	514			204	888		416	GODDE HILL RD. & AQUADUCT, N.W. COR
	204	888							SEE F.B. 3726-230
	+2117	626							

76P52 CE # 308 3-61

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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 93°
SURVEY BY G.E. DREIER DATE 8-22-72 WEATHER BREEZE INST. NO 96716
NOTES BY G.E. DREIER DATE 8-22-72 TIME 11:25 TO 1:40 ROD NO 1713A-B
INDEXED T. M. PALMERI DATE AUG 31 72 NOTES CHKD RM DATE 9-6-72

F.B. 2441 PG. 93

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 112-4A TO B.M. 112-5B
B.M. 112-4A	297	133	598 5	308 286 22	272	901	573 5	283 261 22	B.M. 112-4A GODDE HILL RD., N. OF AQUADUCT SEE F.B 3726-231
2	53	141	354 5	65 41 24 46	286	443	587 5	298 274 24 46	
3	19	399	320 5	31 7 24 70	296	019	597 5	308 284 24 70	⊼ R. SIEMANN
4	5	561	306 5	½ 17 5 24 94	297	672	598 5	½ 297 285 24 94	
5	13	989	314 5	25 12 24 118	301	272	602 5	½ 301 291 20 114	
6	5	384	306 5	½ 16 5 22 140	281	741	582 5	292 270 22 136	
7	26	781	327 5	38 14 24 164	298	703	599 5	½ 298 284 28 164	
8	18	160	319 5	30 6 24 188	300	441	601 5	½ 300 289 22 186	
9	4	981	305 5	½ 16 4 24 212	284	935	585 5	294 274 20 206	
10	18	028	319 5	28 8 20 232	297	190	598 5	½ 297 288 18 224	
11	32	303	333 5	40 24 16 248	283	199	584 5	292 274 18 242	
12	29	995	330 5	36 22 14 262	299	465	600 5	½ 299 289 20 262	
13	21	905	322 5	32 10 22 284	292	679	593 5	302 282 20 282	
14	11	999	312 5	22 0 22 306	301	711	602 5	½ 301 290 22 304	
15	6	114	307 5	½ 17 6 22 328	291	107	592 5	302 280 22 326	
16	8	759	309 5	½ 18 8 20 348	301	389	602 5	½ 301 290 22 348	
17	30	481	331 5	41 19 22 370	286	202	587 5	297 275 22 370	
	604	113		CONT.	4973	069			

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO 96716 ROD NO 1713A-B DATE 9-6-72

WEATHER BREEZE TIME 1:40 NOTES CHKD LM 100°

F.B. 2441 PG. 94 JOB NO 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 8-22-72

INDEXED L. M. PALMERI DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM. 112-4A TO BM. 112-5B
	604 113		370	4993 069		~~366~~ 370	
18	30 333	331 5	42 18 24 394	278 451	579 5	289 267 22 ~~388~~	
19	35 690	336 5	49 21 28 422	249 689	550 5	266 232 34 422 422 844	
	~~66 023~~			~~528 140~~			
BM. 112-5B	670 136			~~66 023~~			BM. 112-5B U.S.C.&G.S. 60th ST. WEST & AVE. N SEE F.B. 2441-11
				~~462 117~~			
				~~5495~~ 209 501			
				670 136			
				~~4825~~ 0731			
				-4831			

76P52[illegible] 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 CH[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 100°
SURVEY BY G.E. DREIER DATE 8-23-72 WEATHER CLEAR, LT. BR. INST. NO. 96716
NOTES BY G.E. DREIER DATE 8-23-72 TIME 1:00 TO ROD NO. 1173A-B
INDEXED L. M. PALMERI DATE AUG 31 72 NOTES CHKD. LM DATE 9-6-72

F.B. 2441 PG. 95

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 112-5B TO B.M. 112-4A
B.M. 112-5B									B.M. 112-5B
1	287	390	588 5	307 267 40	10	728	311 5	31 ½ 10 42	60th ST. WEST & AVE. N
									SEE F.B 2441-11
2	298	273	599 5	308 288 20 60	9	540	310 5	21 - 3 24 66	
3	299	182	600 5	299 ½ 288 22 82	5	363	306 5	16 ½ 5 22 88	π R. SIEMANN
4	298	578	599 5	308 288 20 102	10	701	311 5	20 0 20 108	
5	271	314	572 5	280 262 18 120	13	872	314 5	23 3 20 128	
6	298	022	599 5	308 288 20 140	12	232	313 5	22 2 20 148	
7	282	230	583 5	292 272 20 160	5	710	306 5	14 ½ 5 18 166	
8	301	342	602 5	301 ½ 291 20 180	28	089	329 5	37 19 18 184	
9	301	671	602 5	301 292 18 198	11	161	312 5	20 2 18 202	
10	298	674	599 5	307 289 18 216	6	450	307 5	16 ½ 6 20 222	
11	297	279	598 5	306 288 18 234	4	540	305 5	14 ½ 4 20 242	
12	295	750	596 5	306 284 22 256	30	593	331 5	41 19 22 264	
13	299	792	600 5	299 ½ 287 24 280	51	779	352 5	64 38 26 290	
	3829497			CONT	200758				

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 112-5B TO B.M. 112-4A
	3829	497		280	200	758		290	CONT.
14	297	741	598 5	297 ½ 286 22 302	45	081	346 5	54 36 18 308	
15	292	442	593 5	308 276 32 334	14	350	315 5	28 0 28 336	
16	296	200	597 5	296 ½ 284 24 358	4	771	305 5	17 ½ 4 26 362	
17	301	483	602 5	301 ½ 289 24 382	31	271	332 5	43 19 24 386	
18	301	491	602 5	301 ½ 285 32 414	191	742	492 5	207 175 32 418 414	
	5318	854			487	973		832	
B.M 112-4A	487	973							B.M. 112-4A (S.C.W.R. M 3-305 GODDE HILL RD., N. OF AQUADUCT SEE F.B. 3726-231
	+ 4830	881							

F.B. 2445 PG 96

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER

INDEXED T. M. PALMERI DATE

99°

WEATHER CLEAR-LT. BR. INST. NO. 96716

TIME 2:30 ROD NO. 1713A-B

NOTES CHKD LM DATE 9-6-72

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T = 100°

F.B. 2441 PG. 97

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

NOTES BY SIEMANN DATE 8-22-72 TIME 1:55 TO 2:00 ROD NO 1713AB

INDEXED L. M. PALMERI DATE AUG 31 72 NOTES CHKD LM DATE 9-6-72

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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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M.112-5B TO B.M.112-5A
B.M.112-5B									B.M.112-5B (U.S.C.&G.S. C-1045 RESET 1964)
									60th ST. WEST & AVE. N
1	127	453	428 5	132 122 10	221	382	522 5	226 216 10	SEE F.B. 2441-11
									T = DREIER
					127	453		10	
B.M.112-5A					93	929		20	B.M.112-5A (RD. DEPT
									60th ST. WEST & AVE. N
									SEE F.B. 2441-11

76P52 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 112-5A TO B.M. 112-5B
B.M. 112-5A									B.M. 112-5A (RD DEPT. BM) 60TH ST. W. & AVE. N.
1	220	771	521 5	225 215 10	126	860	427 5	131 121 10	SEE F.B. 2441-11
	126	860						10	π = DREIER
								20	
B.M. 112-5B	+93	911							B.M. 112-5B (U.S.C.&G.S. C-1045) 60TH ST. W. & AVE. N. SEE F.B. 2441-11

T = 100°

WEATHER HOT SUN INST. NO. 96716

TIME 11:45 TO 11:55 ROD NO. 1713 A&B

NOTES CHKD. JM DATE 9-6-72

F.B. 2441 PG. 98 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 8-23-72

INDEXED L. M. PALMERI DATE

76P525 CE # 308 3-61

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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 T = 100°

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 8-22-72

INDEXED L. M. PALMERI DATE AUG 31 72

WEATHER HOTSUN WIND INST. NO 96716

TIME 2:00 TO ROD NO 1113A B

NOTES CHKD LM DATE 9-6-72

F.B. 2441 Pg. 99

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 112-5A TO B.M. 112-6
B.M. 112-5A									B.M. 112-5A (L.A. CO. RD. DEPT. BM)
1	80	320	381 5	99 61 38	289	192	590 5	306 272 34	60TH ST. W. & AVE. N.
									SEE F.B. 2441-11
2	11	277	312 5	25 ½ 11 28 66	248	680	549 5	265 231 34 68	
3	7	599	308 5	29 ½ 7 44 110	260	950	561 5	282 238 44 112	
4	3	930	304 5	25 ½ 3 44 154	297	630	598 5	297 ½ 275 44 156	
5	5	390	306 5	23 ½ 5 36 190	297	265	598 5	297 ½ 278 38 194	π = DREIER
6	3	007	304 5	19 ½ 3 32 222	297	223	598 5	297 ½ 281 32 226	
7	11	902	312 5	24 -3 27 249	262	509	563 5	275 249 24 250	
8	10	570	311 5	24 ½ 10 28 277	301	691	602 5	301 ½ 288 26 276	
9	7	167	308 5	20 ½ 7 26 303	296	965	597 5	308 284 24 300	
10	4	805	305 5	16 ½ 4 24 327	300	947	601 5	300 ½ 287 26 326	
11	5	060	306 5	18 ½ 5 26 353	295	823	596 5	308 282 26 352	
12	13	945	314 5	26 0 26 379	301	370	602 5	301 ½ 288 26 378	
13	21	643	322 5	31 11 20 399	298	346	599 5	298 ½ 287 22 400	
B.M. 112-6								399	B.M. 112-6 (¼ SEC. COR. 2,3)
	186	615			3748	591		799	60TH ST. W. & AVE. M-8 ℄ INT
					186	615			SEE F.B. 2441-12
					3561	976			

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	9 7 7 7 7			6 5 7			FROM B.M. 112-6 TO B.M. 112-5A
B.M. 112-6							B.M. 112-6 (1/4 SEC. COR. 2,3)
1	298 988	599 5	1/2 298 287 22	16 880	317 5	28 4 24	60TH ST. W. & AVE. M-8 & INT.
							SEE F.B. 2441-12
2	298 200	599 5	1/2 298 285 26 48	13 126	314 5	26 0 26 50	
3	301 992	602 5	1/2 301 288 26 74	13 315	314 5	26 0 26 76	
4	295 428	596 5	307 283 24 98	12 705	313 5	24 0 24 100	
5	299 567	600 5	1/2 299 286 26 124	8 611	309 5	1/2 20 8 24 124	
6	300 149	601 5	1/2 300 288 24 148	15 763	316 5	28 2 26 150	
7	291 342	592 5	306 276 30 178	18 077	319 5	33 3 30 180	
8	300 787	601 5	1/2 300 285 30 208	5 239	306 5	1/2 20 5 30 210	A = DREIER
9	289 343	590 5	305 273 32 240	37 629	338 5	53 21 32 242	
10	296 899	597 5	1/2 296 277 38 278	30 617	331 5	49 11 38 280	
11	282 597	583 5	303 261 42 320	22 359	323 5	42 2 40 320	
12	288 079	589 5	1/2 288 267 42 362	19 176	320 5	39 -1 40 360	
13	297 802	598 5	1/2 297 279 36 398	65 804	366 5	84 46 38 398	
B.M. 112-5A						398	B.M. 112-5A
	3841 193			279 301		796	60TH ST. W. & AVE. N.
	279 301						SEE F.B. 2441-11
	+ 3461 892						
	5						

F.B. 2441 PG. 100

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 8-23-72

INDEXED T. M. PALMERI DATE

WEATHER HOT SUN T = 100°

TIME 11:00 TO

NOTES CHKD. LM

INST. NO. 96716

ROD NO. 1713AB

DATE 9-6-72

76P52 CE # 308 3-61

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 86°
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 8-23-72 WEATHER HOT SUN INST. NO. 96716
INDEXED T. M. PALMERI DATE AUG 31 72 NOTES CHKD. TM DATE 9-6-72 TIME 9:30 TO 10:15 ROD NO. 17138
F.B. 2441 PG. 101

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 112-6 TO B.M. #2-104-15
B.M. 112-6									B.M. 112-6 (1/4 SEC. COR. 2, 3)
	36	900	337	5 ½ 55 / 36 38	290	963	591	5 306 / 274 32	60TH ST. W. & AVE. M-8 & INT.
									SEE F.B. 2441-12
2	11	798	312	5 ½ 28 / 11 34	299	887	600	5 ½ 299 / 281 36	
				72					
3	11	667	312	5 ½ 27 / 11 32	296	890	597	5 ½ 296 / 278 36	
				104					
4	26	480	327	5 43 / 9 34	294	944	595	5 ½ 294 / 276 36	
				138					
5	8	995	309	5 ½ 27 / 8 38	281	308	582	5 300 / 262 38	
				176					
6	49	888	350	5 70 / 28 42	290	458	591	5 ½ 290 / 269 42	T = DREIER
				218					
7	55	392	356	5 75 / 35 40	297	447	598	5 ½ 297 / 276 42	
				258					
8	16	893	317	5 ½ 37 / 16 42	299	927	600	5 ½ 299 / 281 36	
				300					
9	4	222	305	5 ½ 24 / 4 40	301	321	602	5 ½ 301 / 282 38	
				340					
10	16	194	317	5 ½ 36 / 16 40	295	120	596	5 ½ 295 / 279 40	
				380					
11	49	400	350	5 64 / 34 30	297	458	598	5 ½ 297 / 281 32	
				410					
12	173	530	474	5 180 / 166 14	268	256	569	5 275 / 261 14	
				424					
									424
B.M. 104-15									B.M. 104-15 (SEC COR. 34, 35, 2, 3)
	468	359			351	397			846 60TH ST. W. & AVE. M. & INT.
					468	359			SEE F.B. ~~2441~~ 2416-135
					3052	620			

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STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 104-15 TO B.M. 112-6
B.M. 104-15	~~299 678~~	~~600 5~~	~~1/2 299 / 286 26~~	~~34 686~~	~~335 5~~	~~48 / 20 28~~	B.M. 104-15 (SEC. COR. 34, 35, 2, 3) 60TH ST. & AVE. M. ℄ INT. SEE F.B. 2416-135
~~2~~	~~289 280~~	~~590 5~~	~~306 / 273~~		~~5~~		
1	296 233	597 5	1/2 296 / 283 26	30 660	331 5	45 / 15 30	
2	280 642	581 5	296 / 264 32	35 920	336 5	51 / 19 32 / 62	
3	289 517	590 5	308 / 270 58 / 38 / 96	16 378	317 5	1/2 34 / 16 36 / 98	
4	288 278	589 5	306 / 270 36 / 132	10 102	311 5	1/2 28 / 10 36 / 134	
5	299 503	600 5	1/2 299 / 279 40 / 172	20 288	321 5	40 / 0 40 / 174	⊼ = DREIER
6	286 384	587 5	1/2 286 / 262 48 / 220	16 841	317 5	1/2 40 / 16 48 / 222	
7	284 390	585 5	305 / 263 42 / 262	18 761	319 5	39 / 3 42 / 264	
8	285 922	586 5	303 / 267 36 / 298	15 423	316 5	1/2 34 / 15 38 / 302	
9	287 507	588 5	304 / 270 34 / 332	20 580	321 5	37 / 3 34 / 336	
10	295 840	596 5	1/2 295 / 278 34 / 366	10 650	311 5	1/2 27 / 10 34 / 370	
11	290 849	591 5	306 / 274 32 / 398	24 972	325 5	38 / 10 28 / 398	
12	210 870	511 5	217 / 203 14 / 412	122 869	423 5	129 / 115 14 / 412	
B.M. 112-6						412 / 824	B.M. 112-6 (1/4 SEC. COR. 2, 3) 60TH ST. W. & AVE. M.-8 ℄ INT. SEE F.B. 2441-12
	3395935 / 383444 / + 3052491			383444 / 4			

T = 92°

WEATHER HOT SUN INST. NO. 96716

TIME 10:15 TO 11:00 ROD NO. 1713 AB

NOTES CHKD RM DATE 9-6-72

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 8-23-72

INDEXED T. M. PALMERI DATE

F.B. 2441 PG. 102

Notes Ck'd by	Surveyor	L. A. CO. PRECISE LEVEL NE
Map No.	JN 0301.02 Tape Std °F	F. B. 2441 Pg. 127
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes ACG Date MAR '60	
Date	Indexed E. C. Johnson 5-5-60	

ANTELOPE VALLEY

JN 0301.02

LINE 113

ELIZ LAKE. ~~WILLOW SPRINGS RD~~ (MUNZ RANCH RD), NORTH FROM ELIZ. LAKE ~~PINE CN~~ RD TO LANCASTER RD.

SEE F.B 3724-175 TO 194 (ADDITIONAL B.M.'S & RECOVERY)

F.B. 2441 Pgs 127 to 136

Street Names changed as follows

From Elizabeth Lake Pine Canyon Rd to Elizabeth Lake Rd.

From Willow Springs Rd. to Munz Ranch Rd.

GUIZADO	AC
GOBLE	A-L
OHASHI	T
GLIDDEN	RD
BICKSLER	T.A.

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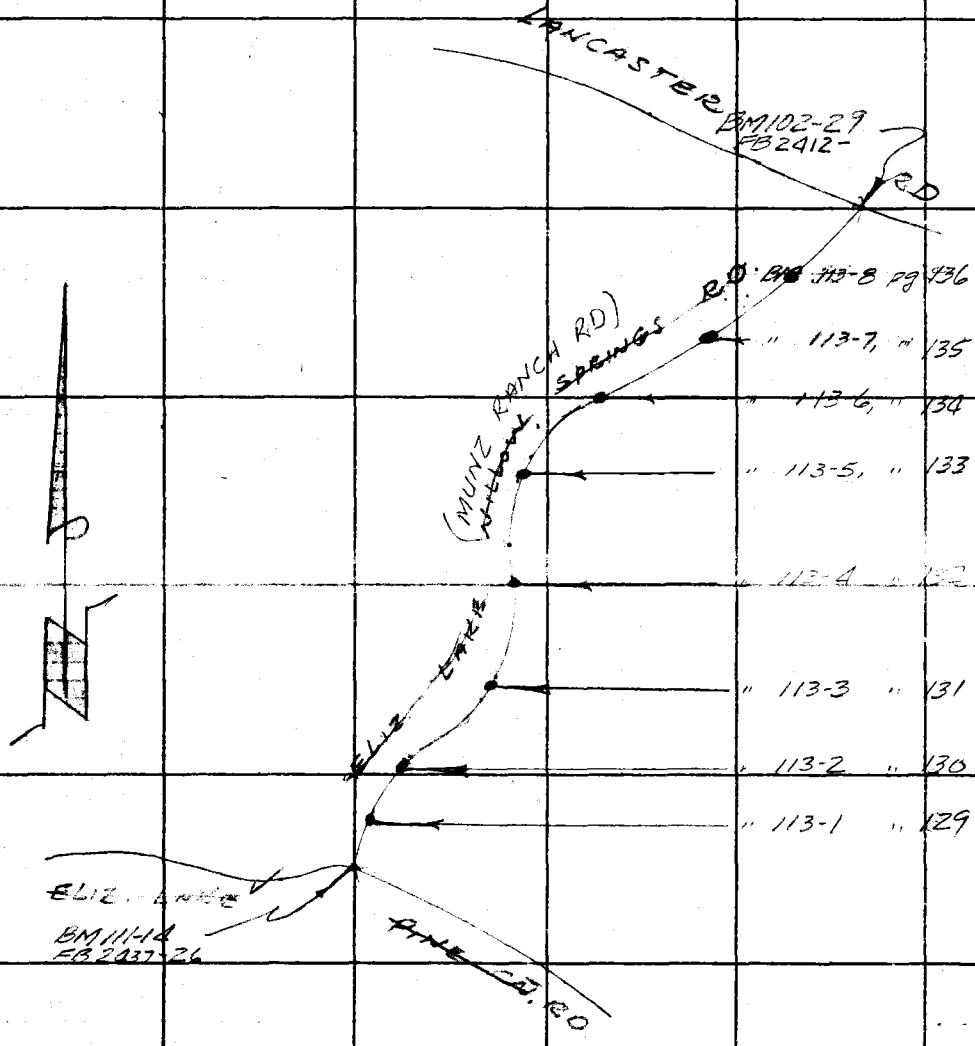
70F-098 S&E #247 11-58

F. B 2441 PG 128

INDEX



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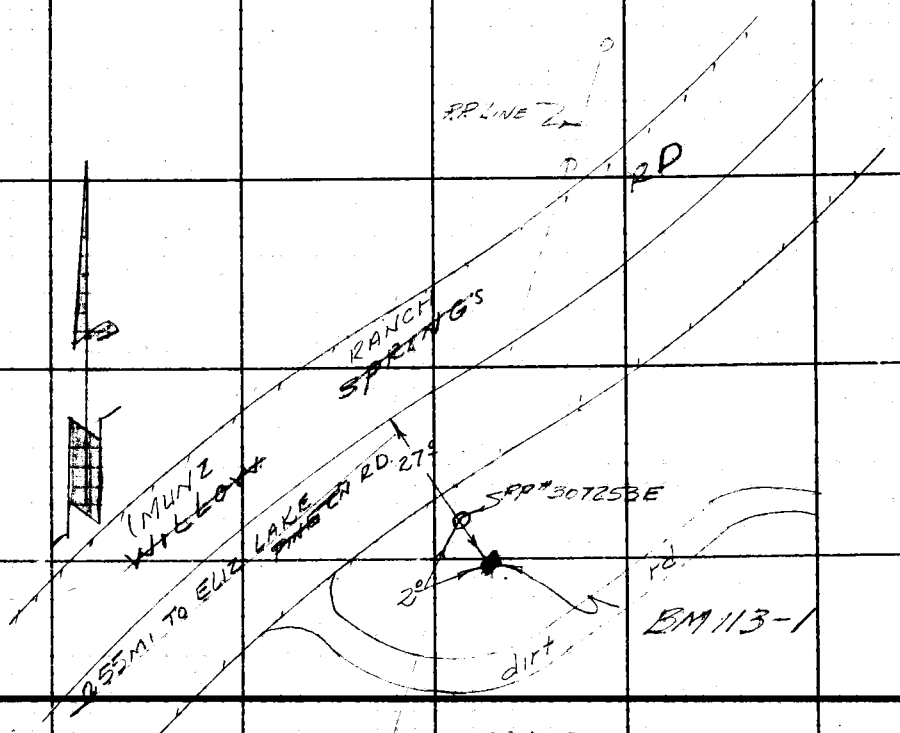
Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET	F.B. 2441 Pg. 729
Map No.	JN 030102 Tape Std °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes ACG Date 3-16-60	307253 E
Date	Indexed A. C. Johnson	

W.P. S.S. W.P. S'Ly

BM 113-1

ANTELOPE VALLEY - 0.55 MI N'ly FROM ELIZABETH LAKE ~~PINE CN~~ RD ON ~~WILLOW SPRINGS RD~~ (MUNZ RANCH RD) SE'LY SIDE RD, 2° SE OF PP# 307253E & 27° SE OF PAVED ROAD - SET A STD CO. ENGR BM BRASS CAP MONUMENT MK'D "BM 113-1 - 1960 - RE 5869" IN A 12" CONC POST UP 6" & 2° NW OF A WITNESS POST



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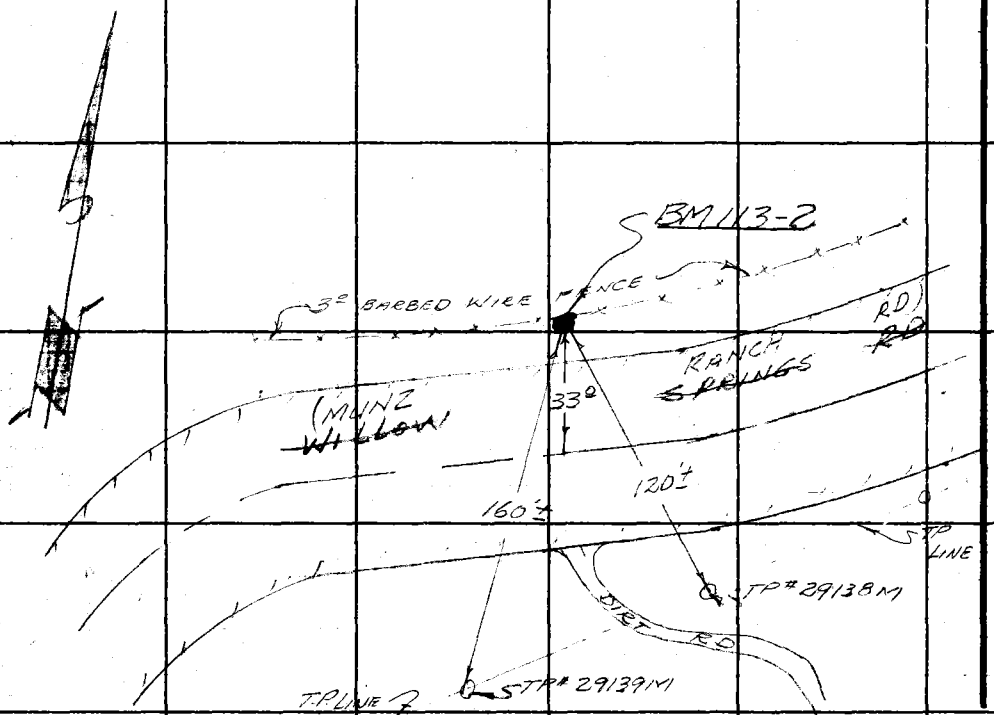
76F209S S&E #247 11-58

F. B. 2441 PG 130

WP So.

BM 113-2

ANTELOPE VALLEY — ~~WILLOW SPRINGS RD~~ (MUNZ RANCH RD)
N. SIDE; 1.1 MI. N'LY FROM ELIZ LAKE PINE
~~CR~~ RD; 33° N. OF CTR. OF PAVED ROAD, 160'± N'E'LY FROM TP# 29139M & 120'± N'W'LY FROM TP# 29138M
SET A STD CO. ENGR. BM BRASS CAP MONUMENT
MKD "BM 113-2 1960 RE 5869" IN A 12" CONC
POST UP 6" & 2° N. OF A WITNESS POST



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Notes Ck'd by	Survey of L. A. CO. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std. °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date 3-6-60
Date	Indexed C. Johnson

F. B. 2401 PG. 131

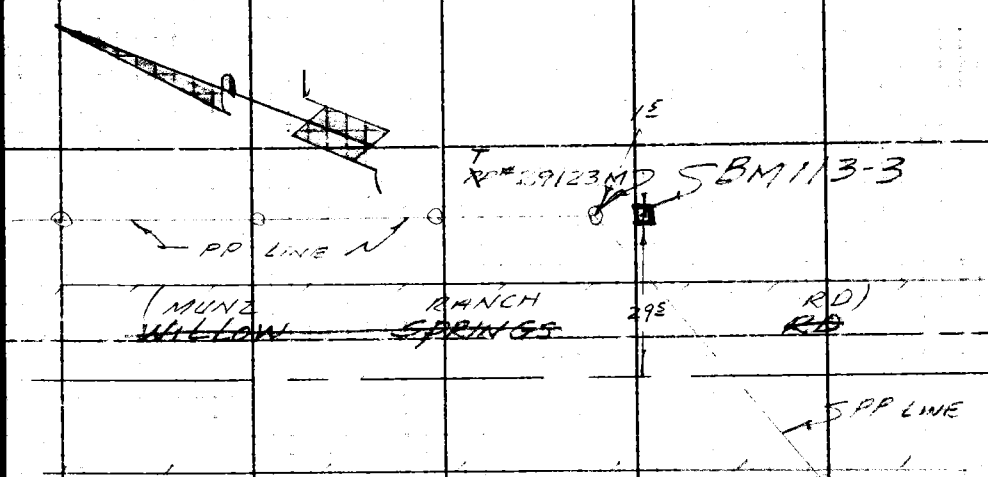
1.7 N'ly

BM 113-3 (P-1044 1960) USC&GS

ANTELOPE VALLEY - ~~WILLOW SPRINGS RD~~ (MUNZ RANCH RD),
1.7 N'ly FROM ELIZ. LAKE ~~PINE CN~~ RD - 29.5
E'LY FROM CTR. OF PAVED ROAD & 1.5 S'ly FROM
~~RP#~~ T 29123M - Fd A 4" BRASS CAP MONUMENT
MK'D AS SHOWN
IN A 12" CONC. POST UP 6"
& 2° N'ly OF A WITNESS MARKER

U.S. COAST & GEODETIC SURVEY
P-1044
1960
MONUMENT

B.M. DESTROYED BY AQUEDUCT CONST.
10-15-76 VAN NESS



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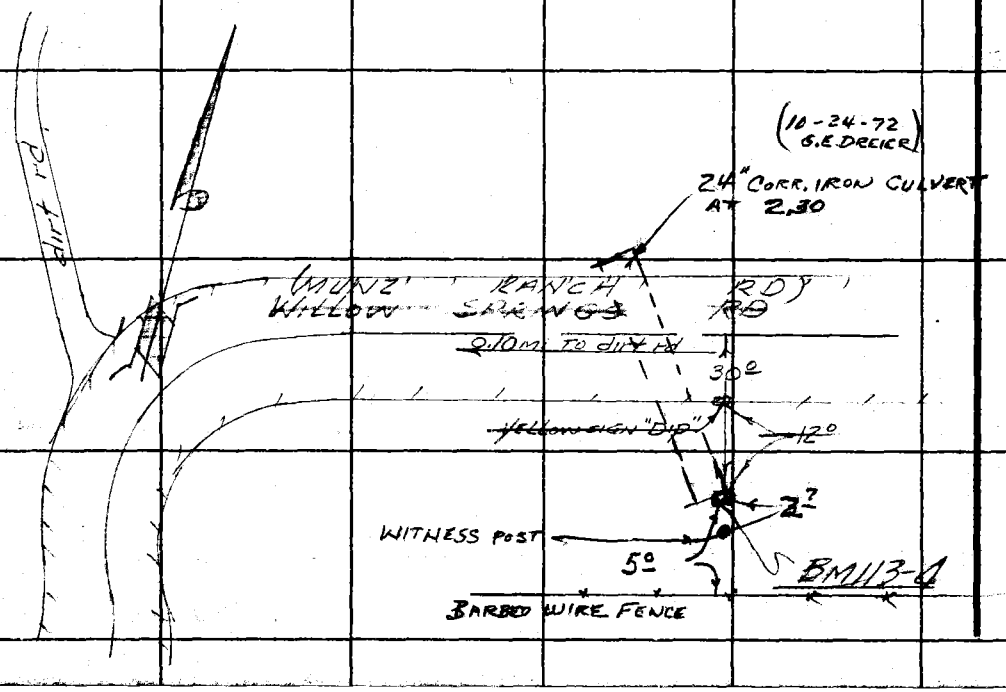
76F3095 S&E #247 11-58

F. B. 2441 PG 132 3.5' Lower Then Pavmt Up So.

BM 113-4 2.7

ANTELOPE VALLEY — ON ~~WILLOW SPRING RD~~ (MUNZ RANCH RD), 2.3 MI N'LY FROM ELIZ. LAKE ~~PINE CT~~ RD, 30° S'LY FROM CTR OF PAVED RD, 0.1 MI N'EY FROM DIRT RD ~~& 12° S'LY FROM YELLOW SIGN MKD "DIP"~~ SET A STD CO. ENGR BM BRASS CAP MON MK'D "BM 113-4 RE 5869 1960" IN A 12" CONC. POST ~~UP~~ DOWN 6" & 3.5 FT LOWER THEN PAVEMENT. ~~2° S'LY~~ 2.7 FT N'LY OF A WITNESS POST, PART OF MON. IS UNDER EAST END OF A 24" CORR. IRON CULVERT #2.30



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Notes Ck'd by	Survey of L. A. CO. PRECISE LEVEL NET	F. B. 2441 Pg. 133
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes ACG Date 3-16-60	
Date	Indexed C. Johnson	

#80
1905

5.5 Hi
1.5 up

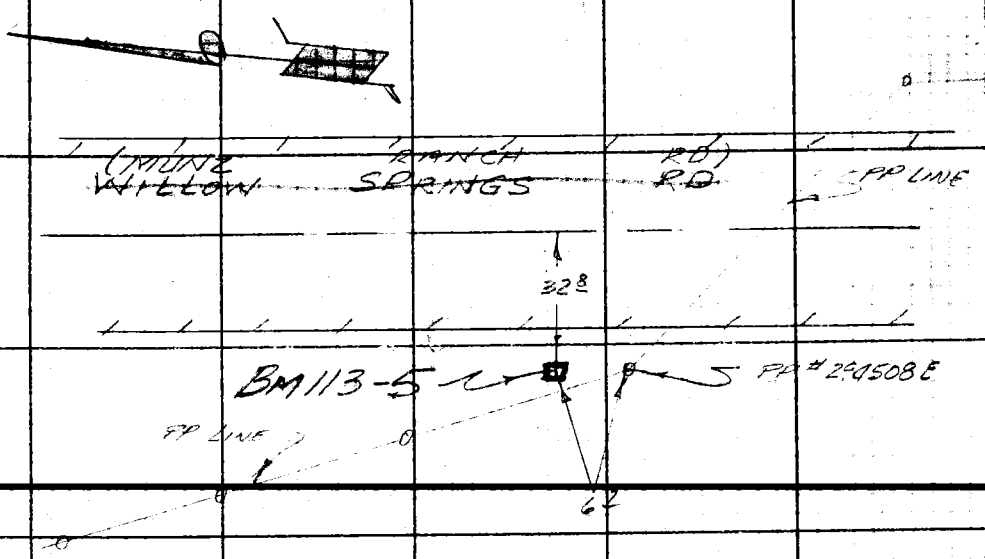
BM 113-5

ANTELOPE VALLEY - ~~WILLOW SPRINGS RD~~ (MUNZ RANCH RD) (E. SIDE)
2.5 MI. N. OF ELIZ. LAKE ~~PINE CR~~ RD, 32.8 W. OF
CTR. OF PAVED RD & 6.7 N. OF PP#294508E, Fd. A
4" BRASS CAP ON A 3½" IP MKD
UP ABOUT 18" & 5.5' HIGHER
THEN PAVEMENT ON SIDE OF BANK

U.S.
FOREST RESERVE
RESERVE
BOUNDARY
POST
NO 80
1905

4-16-68
Disk has been sawed, pipe still standing - Bowers

SEE F.B. 3724-187 FOR
B.M. 113-5A



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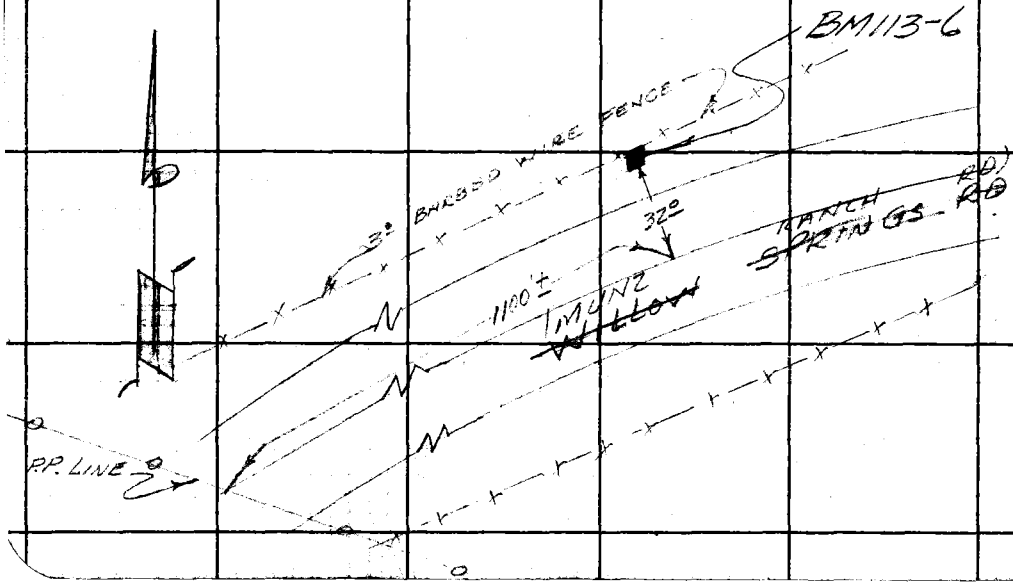
76F3098 S&E #247 11-58

F. B. 2441 Pg. 134

1100'± N'ly PPL crosses road
3.0 mi

BM 113-6

ANTELOPE VALLEY - ON ~~WILLOW~~ (MUNZ RANCH ~~SPRINGS~~ RD) ~~RD~~; 3° Mi N'ly FROM ELIZ. LAKE ~~PINE~~ ~~CN~~ RD; 1100 ft± N'E'ly FROM CROSSING OF PP LINE WITH ROAD; 32° N'ly FROM CTR. OF PAVED ROAD, SET A STD CO ENGR BM BRASS CAP MON MK'D "BM 113-6 1960 RE 5869" IN A 12" CONC POST UP 6" & 2° N'ly FROM A WITNESS POST.



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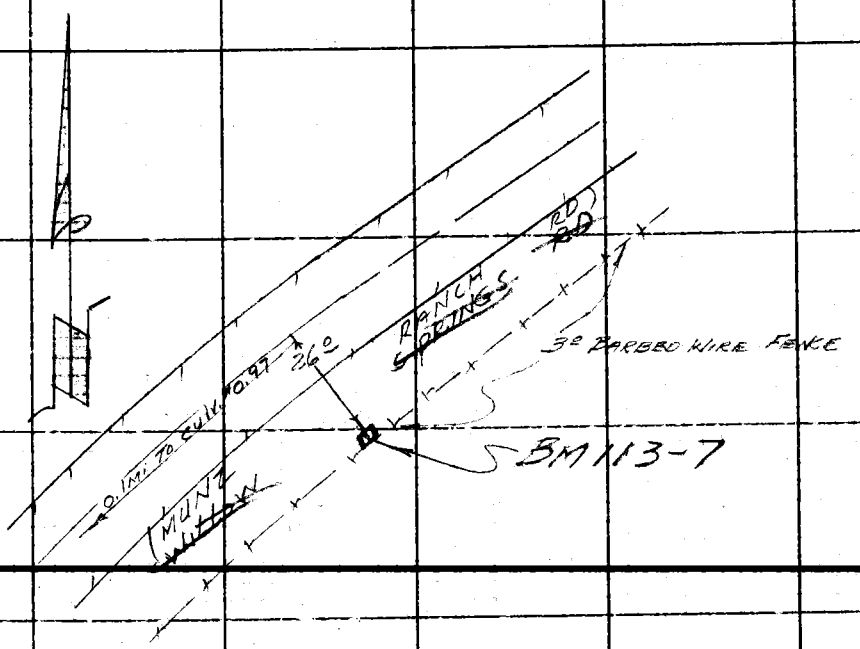
Notes Ck'd by	Survey of L.A. CO PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date 3-16-60
Date	Indexed C. Johnson

F. B. 2441 Pg. 135

2' Below prom

BM 113-7

ANTELOPE VALLEY - ON ~~WILLOW~~ (MUNZ ~~SPRINGS~~ RANCH ~~RD~~ RD) (S'ly SIDE), 0.9 MI S'ly FROM LANCASTER RD, 0.1 MI N'E'ly FROM CULV. #0.97; 26° S'E'ly FROM CTR OF PAVED ROAD; SET A STD CO. ENGR. BM BRASS CAP MON MK'D "BM 113-7 1960 RE5869" IN A 12" CONC post up 6" & 2° ft LOWER THEN PAVEMENT.



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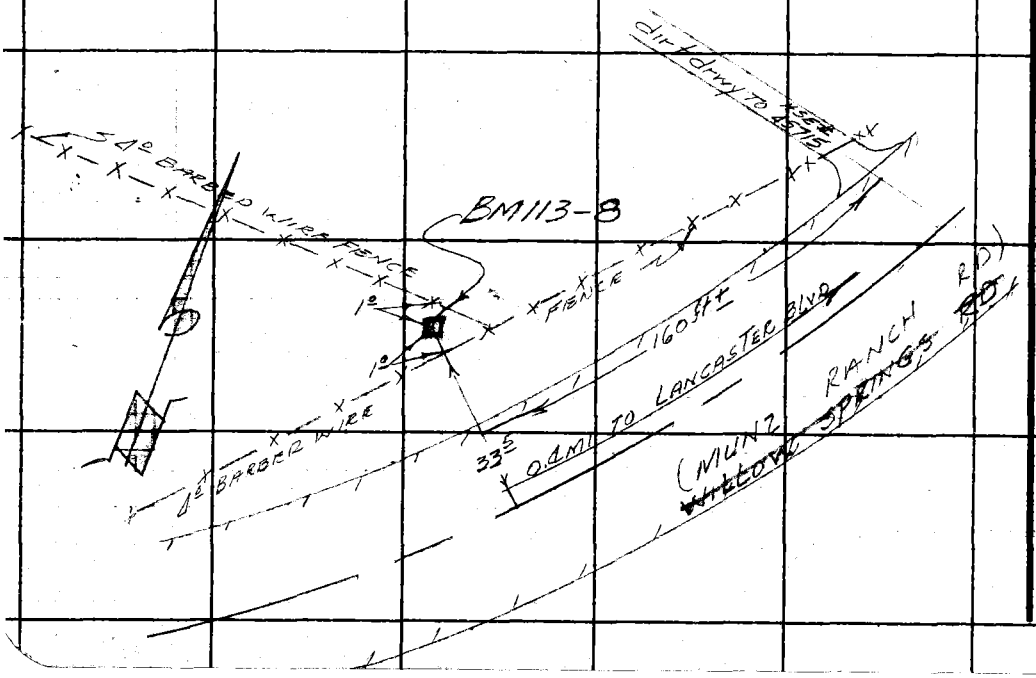
76F309S S&E #247 11-58

F. B. 2441 PG 136 0.4 mi S'ly Lancaster Blvd

BM 113-8

ANTELOPE VALLEY — ON (MUNZ RANCH RD) ~~WILLOW SPRINGS RD~~; 0.4 MI S'LY FROM LANCASTER RD; 160 ft ± S'LY FROM DIRT DRWY TO HSE # 45715, 33 ± N'W'LY FROM CTR. OF PAVED ROAD & 1' FROM EACH 1 OF 2 4' BARBED WIRE FENCES, SET A STD CO. ENGR BM BRASS CAP MON MKD "BM113-8 1960 BE5869" IN A 12" CONC POST UP 6"



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Notes Ck'd by	Survey of	F. B. Pg.
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

FB 2441

Pg's 137 To 146 OMITTED

FOR FUTURE BENCH

DESCRIPTIONS

SEE F.B. 3724-175 TO 194

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76F-095 S&E #247 11-58

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F. B. _____ PG _____

769420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. DATE
NOTES BY Hud. AMBERG DATE
INDEXED DATE

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY A.C. [illegible] DATE 4-8-60
NOTES BY A. C. Johnson DATE 5-5-60

F. B. 2001 PG. 147

B.M.	1ST RUN BACKSIGHT		DIFF		2ND RUN FORESIGHT		3RD RUN		ADJ. ELEV.				DESCRIPTION B.M. 111-32 TO B.M. 13-1
BM 111-32													B.M. 111-32 SEE F.B. 2437-44
1	280	420	551	5	356 / 272	4	117	214	[illegible]	5	125 / [illegible]	16	ELIZABETH LAKE PINE CN. RD & WILLOW SPRINGS RD.
2	292	438	570	5	279 X / 287	16	010	718	317	5	[illegible]	6	
3	281	300	582	5	287 / 269	13	050	219	331	5	56 / 44	12	
4	284	111	585	5	292 / 275	17	019	[illegible]	[illegible]	5	[illegible]	[illegible]	
5	289	289	590	5	[illegible] / 350	15	008	281	309	5	[illegible] X / [illegible]	18	T. A.L. GOBLE WILD N3-75234
6	289	129	590	5	290 / 270	20	030	713	331	5	50 / 30	20	
7	283	672	584	5	296 / [illegible]	25	051	029	352	5	63 / 38	25	
8	273	000	575	5	274 / 254	[illegible]	[illegible]	600	494	5	266 / 240	[illegible]	
9	080	937	381	5	[illegible] / 55	31	275	498	576	5	293 / 259	31	
10	[illegible]	[illegible]	327	[illegible]	38 / 15	23	[illegible]	102	[illegible]	5	299 X / 282	[illegible]	
11	010	545	311	5	21 / 10 X	22	292	302	593	5	292 X / 287	22	
12	006	534	307	5	17 / 6 X	22	292	687	593	5	292 X / 287	22	
13	007	779	308	5	[illegible] / [illegible] X	20	29[illegible]	420	578	5	292 X / 287	20	
14	009	847	310	5	19 / 9 X	20	276	488	577	5	286 / 266	20	
SUB TOTAL	2419	937				30	2165	542			309		

76S420 S & E-353 4-54

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B.M.	~~1ST RUN~~ BACKSIGHT		~~DIFF.~~		~~2ND RUN~~		~~3RD RUN~~ FORESIGHT		~~ADJ. ELEV.~~				DESCRIPTION B.M. 111-32 TO B.M. 113-1
SUB TOTAL	2419	933				309	2165	5[illegible]				309	
15	025	5[illegible]	326	5	35 15	20	265	[illegible]	[illegible]	5	275 255	20	✓
16	[illegible]	[illegible]	[illegible]	5	22 2	[illegible]	2[illegible]	38[illegible]	[illegible]2	5	30[illegible] 28[illegible]	20	✓ SPK.
17	[illegible]	[illegible]	[illegible]	5	8[illegible]	22	2[illegible]	[illegible]	[illegible]	5	29[illegible] [illegible]	22	✓
18	015	7[illegible]	3[illegible]	5	2[illegible]	22	2[illegible]	[illegible]	[illegible]	5	2[illegible] 28[illegible]	2[illegible]	✓
19	016	243	3[illegible]	5	[illegible] 5	22	2[illegible]	[illegible]		5	2[illegible] 25[illegible]	22	✓ [illegible] WILD N-3 75[illegible]
20	00[illegible]	[illegible]	3[illegible]	5	[illegible]	20	2[illegible]	[illegible]	[illegible]2	5	301 281	20	✓
21	006	[illegible]4	3[illegible]	[illegible]	17	22	2[illegible]	47	[illegible]	5	29[illegible] 2[illegible]	20	✓
22	010	404	311	5	22 10	24	232	25	33	5	2[illegible] 2[illegible]	25	✓
23	132	665	433	5	136 128	8	240	[illegible]	[illegible]	5	245 23[illegible]	9	✓
TOTAL	2719	086	✓			489	4[illegible]43	34[illegible]	✓			489	✓
DIFF. IN ELEV.							2719 1924	[illegible] 7[illegible]	✓			489 978	✓
B.M. 113-1													B.M. 113-1 SEE F.B. 2441-83 0.35 MI. N'LY. FROM ELIZABETH LAKE PINE CK RD. ON WILLOW SPRINGS RD.

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY A. C. GUIZADO DATE 4-8-6[illegible]
NOTES BY R. G. DATE
INDEXED C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE

F. B. 2441 PG. 148

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED _____ JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
DATE _____ SURVEY BY A. C. GUITAR
NOTES BLUE AMBER NOTES BY K. C. Johnson DATE 4-5-60
DATE _____ INDEXED _____ DATE _____

F.B. 2441 PG. 149

B.M.	1st RUN BACKSIGHT		DIFF.		2nd RUN FORESIGHT		3rd RUN		ADJ. ELEV.				DESCRIPTION
B.M. 13-1													B.M. 13-1 TO B.M. 11-32
1	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	8	B.M. 13-1 SEE F.B. 2441-83
2	231	187	531	5	229 / 211	25	000	081	[illegible]	5	[illegible]	24	0.55 MI. N LY FROM ELIZABETH LAKE PINE CN RD. ON WILLOW SPRINGS RD.
3	268	712	581	5	277 / 258	19	003	237	[illegible]	5	17 / 8	24	
4	277	931	540	5	294 / 287	22	014	76	[illegible]	5	32 / 3	23	
5	301	913	522	5	301 / 290	22	008	351	[illegible]	5	15 / 8	20	A.L. SELLS WILD N3-75234
6	292	103	513	5	292 / 281	22	011	109	312	5	27	22	
7	264	526	580	5	275 / [illegible]	20	[illegible]	[illegible]	[illegible]	5	[illegible] / 61	22	SPX
8	290	311	591	5	300 / 280	20	012	362	313	5	22 / 2	20	
9	273	414	574	5	283 / 263	20	033	209	334	5	43 / 33	20	
10	283	633	594	5	[illegible] / 273	20	010	54[illegible]	[illegible]	5	26 / 6	20	
11	297	386	597	5	297 / 287	20	017	053	318	5	27 / 7	20	
12	300	426	601	5	300 / 287	22	015	283	316	5	26 / 4	22	
13	295	660	596	5	295 / 284	22	003	066	304	5	14 / 3	22	
14	298	581	599	5	295 / 286	24	032	412	333	5	43 / 20	23	
SUM TOTAL	3957	783				277	388	813				287	

F. B. 2441 Pg. 150

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

SURVEY BY A. C. GUIZADO DATE 4-8-60 NOTES RED

NOTES BY [illegible] DATE NOTES CHKD.

INDEXED A. C. Johnson DATE DATE

76S420 S & E-353 4-54

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B.M.	1ST RUN		DIFF		2ND RUN		3RD RUN		ADJ. ELEV.			DESCRIPTION
												B.M. 113-1 TO B.M. 111-32
SUB TOTAL	3957	783				287	388	813				
15	251	809	582	5	297 266	31	087	[illegible]	[illegible]	5	102 71	31
16	137	838	438	5	160 114	56	267	252	[illegible]	5	290 244	56
17	[illegible]	161	[illegible]	5	52 27	25	274	[illegible]	[illegible]	5	287 262	25
18	030	774	331	5	41 20	21	285	522	[illegible]	5	295 275	20
19	003	462	304	5	13 3	20	[illegible]	[illegible]	[illegible]	5	[illegible] 274	19
20	003	[illegible]	304	5	12 3	18	[illegible]	[illegible]	[illegible]	5	281 264	17
21	245	577	[illegible]	5	51 39	12	[illegible]	[illegible]	[illegible]	5	271 258	13
22	003	652	304	5	11 3	16	292	[illegible]	[illegible]	5	300 284	16
23	118	207	[illegible]	5	126 10	16	283	[illegible]	[illegible]	5	291 274	17
TOTAL	4623	063				502	2699	631				501
DIFF. IN	2699	631										502
ELEV.	1923	425										1003
B.M. 111-32												

A. L. GOBLE
WELD N3-75234

B.M. 111-32 SEE F.B. 2437-44
ELIZABETH LAKE PINE CN. R.D.
& WILLOW SPRINGS RD.

76S420 S & E-353 4-54

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B.M.	1ST RUN BACKSIGHT		DIFF.		2ND RUN		3RD RUN FORESIGHT		ADJ. ELEV.			
B.M. 111.32												
1	285	029	586	5	293 277	16	133	532	434	5	41 124	17
2	297	602	598	5	297 289	16	007	448	308	5	5 [illegible]	16
3	275	266	5[illegible]	5	2[illegible] 2[illegible]	13	045	300	346	5	51 3[illegible]	12
4	285	398	586	5	293 276	17	011	764	31[illegible]	5	20 3	17
5	282	039	583	5	29[illegible] 273	18	008	007	309	5	17 8	18
6	286	062	587	5	296 276	20	027	137	328	5	37 17	20
7	286	094	587	5	298 27[illegible]	25	053	872	354	5	66 4[illegible]	25
8	275	608	576	5	298 252	46	145	962	44[illegible]	5	15[illegible] 12[illegible]	46
9	097	742	3[illegible]	5	113 82	31	291	463	592	5	2[illegible] 275	32
10	026	19[illegible]	327	5	28 14	24	293	3[illegible]	5[illegible]	5	293 282	22
11	014	565	315	5	25 3	22	294	741	595	5	294 283	22
12	006	041	307	5	17 6	22	294	397	595	5	294 283	22
13	006	951	307	5	16 6	20	296	284	597	5	296 286	20
14	014	457	315	5	24 4	20	281	839	582	5	291 271	20
SUB TOTAL	2439	045				300	2185	114				299

DESCRIPTION
B.M. 111-32 TO B.M. 113-1

B.M. 111-32 SEE F.B. 2437-44
ELIZABETH LAKE PINE CN. RD
& WILLOW SPRINGS RD.

⊼ A.L. GOBLE
WILD N3-75234

NOTES RED _____ JOB NO. 030102 SURVEY OF A CO PRECISE LEVEL NET
DATE _____ SURVEY BY A.C. GUIZADO
NOTES BY R.D. DATE 4-14-60
DATE _____ INDEXED A. C. Johnson DATE _____

F.B. 2441 PG. 151

769420 S & E-353 4-54

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JOB NO. 030192 SURVEY OF L.A. CO. PRECISE LEVEL NETWORK
SURVEY BY A. A. ELIZADO DATE 4-19-62 NOTES RED
NOTES BY E. C. JOHNSON DATE NOTES CHKD.
INDEXED A. C. JOHNSON DATE DATE

F.B. 2441 Pg. 152

B.M.	1ST RUN		~~DIFF.~~ BACKSIGHT		~~2ND RUN~~		~~3RD RUN~~		~~ADJ. ELEV.~~ SIGHT			DESCRIPTION B.M. 111-32 TO B.M. 113-1
SUB TOTAL	2437	045	/			300	2195				279 279	
15	029	651	330	5	39 19	20	229	471	70	5	279 259	20
16	014	313	315	5	28 2	20	292	300	13	5	297 272	20
17	072	583	319	5	83 67	22	278	2[illegible]	24	5	289 267	21
18	010	233	311	5	21 10	22	279	[illegible]	12	5	290 268	22
19	010	529	317	5	21 10	22	292	4[illegible]	13	5	292 281	22
20	004	489	305	5	19 4	20	294	57[illegible]	3[illegible]	5	299 284	20
21	006	223	307	5	18 6	24	271	892	22	5	281 262	19
22	015	902	316	5	27 4	23	272	37[illegible]	13	5	290 266	24
23	09[illegible]	28	[illegible]	5	15 52	[illegible]	245	[illegible]	217	5	281 240	[illegible]
TOTAL	272	619	/			113	4636	76			478	
DIFF IN							2712	61			483	
ELEV.											96	
B.M. 113-1							1924.157					B.M. 113-1 SEE F.B. 2441-8 0.55 MI NLY FROM ELIZABETH LAKE PINE CN. RD.

T A.L. GOBLE
WILD N3-75234

76S420 S & E-353 4-54

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B.M.	~~1ST RUN~~ BACKSIGHT		~~DIFF.~~		~~2ND RUN~~		~~3RD RUN~~ FORESIGHT		~~ADJ. ELEV.~~				DESCRIPTION BM. 113-1 TO BM. 111-32
B.M. 113-1													BM. 113-1 SEE F.B. 2441-44
1	23[illegible]	[illegible]	537	5	240 231	[illegible]	129	253	430	5	133 124	9	0.55 WLY OF ELIZABETH
2	228	038	5[illegible]	[illegible]	[illegible]	24	007	201	[illegible]	5	17 7	24	LAKE PINE CN. RD. ON
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20	009	231	[illegible]	[illegible]	[illegible]	24	MUNZ RANCH RD.
4	299	638	600	5	299 287	20	010	715	31[illegible]	[illegible]	20 10	20	
5	295	025	596	5	295 283	24	007	972	[illegible]		[illegible]	20	A.L. GOBLE WILD N3-75234
6	297	192	598	5	297 286	22	013	349	[illegible]	5	24 2	22	
7	278	480	579	5	289 267	22	072	878	373	5	83 61	22	STK.
8	294	[illegible]	5[illegible]5	5	294 284	20	012	692	31[illegible]	5	22 2	20	
9	270	833	571	5	280 260	20	034	351	335	5	44 24	20	
10	288	[illegible]	58[illegible]	5	298 278	20	017	192	31[illegible]	5	27 7	20	
11	300	291	601	5	300 290	20	024	228	325	5	34 14	20	
12	298	[illegible]	599	5	298 287	22	011	962	312	5	22 11	22	
13	298	601	599	5	298 287	22	006	685	307	5	17 6	22	
14	299	848	600	5	299 287	24	044	263	345	5	55 32	23	
SUB TOTAL	3960	934	/				401	980					

NOTES RED. _____ JOB NO. 030102 SURVEY BY L.A. CO. PRECISE LEVEL NET
DATE _____ SURVEY BY A.C. GUIZADO
NOTES BY R.C. DATE 2-19-60
DATE _____ INDEXED R.C. Johnson DATE _____

F.B. 2441 PG. 153

76S420 S & E-353 4-54

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B.M.	~~1ST RUN~~ BA[illegible]		~~DIFF.~~ S13[illegible]		~~2ND RUN~~		~~3RD RUN~~		~~ADJ. ELEV.~~				DESCRIPTION BM 113-[illegible] [illegible]-32
SUBTOTAL	3960	934					401	[illegible]					
15	299	811	600	5	299 283	32	[illegible]	[illegible]	[illegible]	5	108 77	31	
16	147	293	448	[illegible]	169 125	44	279	151	[illegible]	5	279 255	48	
17	044	525	[illegible]	5	56 3	25	272	601	[illegible]	[illegible]	284 260	24	
18	028	622	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
19	011	721	312	5	[illegible]	19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18	[illegible] WILD [illegible]-75234
20	[illegible]	[illegible]	[illegible]	5	17 8	8	282	72[illegible]	[illegible]	5	[illegible]	18	
21	047	436	348	5	53 41	12	264	56	[illegible]	5	271 258	13	
22	007	133	308	5	15 7	16	288	[illegible]	[illegible]	5	295 281	14	
23	117	755	[illegible]	5	125 [illegible]	16	290	31[illegible]	[illegible]	5	299 281	18	
TOTAL	4674	073					2750	045					
[illegible]	2750	045											
[illegible]	1924	028											
[illegible]													BM. 111-32 SEE F.B. 2437-44 ELIZABETH LAKE [illegible] RD. & MUNZ RANCH RD.

JOB NO. 030[illegible] SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY [illegible] DATE [illegible]
NOTES BY [illegible] DATE [illegible] NOTES CHKD.
INDEXED [illegible] DATE [illegible] DATE

F.B. 2441 PG. 154

76S420 S & E-353 4-54

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B.M.	~~1st RUN~~ + BACKSIGHTS		~~DIFF.~~		~~2nd RUN~~		~~3rd RUN~~ − FORESIGHTS		~~ADJ. ELEV.~~				DESCRIPTION BM 113-1 TO BM 113-2
BM 113-1													BM 113-1
1	061	189	362	5	71 / 50	21	291	577	592	5	301 / 281	20	MUNTZ RANCH RD & 0.55 MIN.
2	004	228	305	5	13 / 4 x2	18	273	602	574	5	282 / 264	18	of ELIZABETH LAKE PINE CANYON RD
3	011	262	312	5	20 / 11 x2	18	268	263	569	5	277 / 258	19	SEE F.B. 2441 - FOR DESC
4	005	001	306	5	17 / 5 x2	24	287	050	588	5	299 / 275	24	⊼ R. D CLIDDEN
5	024	634	325	5	35 / 13	22	285	251	586	5	295 / 274	21	WILD N3-75234
6	021	859	322	5	36 / 6	30	298	892	599	5	298 / 283	30	
7	037	241	338	5	54 / 19	35	291	248	592	5	291 / 274	34	
8	023	976	324	5	32 / 14	18	287	667	588	5	295 / 278	17	
9	002	568	303	5	12 / 2 x2	20	289	176	590	5	300 / 278	22	
10	023	798	324	5	36 / 11	25	274	810	575	5	287 / 262	25	
11	031	820	332	5	44 / 19	25	269	361	570	5	281 / 256	25	
12	012	159	313	5	28 / 12 x2	32	280	187	581	5	295 / 264	31	
13	057	046	358	5	79 / 36	43	290	003	591	5	290 / 271	38	
14	003	600	304	5	14 / 3 x2	22	293	678	594	5	293 / 279	28	
SUB TOTAL	320	381	CM				3980	765	CM				

NOTES RED. JOB NO. 0301 02 SURVEY OF A. CO. PRECISE LEVEL NE
DATE H. LAMBERS SURVEY BY A. C. GUIZADO
NOTES BY A. L. G. DATE 4-18-18
DATE INDEXED K. C. Johnson DATE

F.B. 2441 PG. 155

76S420 S & E-353 4-54

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B.M.	~~1st RUN~~ BACKSIGHTS		~~DIFF.~~		~~2nd RUN~~		~~3rd RUN~~ FOREIGHTS		~~ADJ. ELEV.~~				DESCRIPTION BM 113-1 TO BM 113-2 CONT.
SUB TOTAL	320	381	CM				3980	76[illegible]	[illegible]M				
15	002	401	303	5	11 2x2	18	293	69[illegible]	594	5	293x 282	22	
16	009	516	310	5	17 9x2	16	28[illegible]	602	[illegible]81	5	289 271	18	
17	016	865	317	5	28 4	24	298	50[illegible]	598	5	29[illegible] 287	22	SPK
18	039	570	340	5	49 28	21	297	102	[illegible]8	5	297 286	2x	
19	037	285	338	5	48 26	22	282	794	[illegible]83	5	291 273	18	
20	084	669	385	5	93 75	18	085	88[illegible]	[illegible]6	5	94 75	19	
TOTAL	510	687	CM			472	5519	357	[illegible]M			4783 472	
							510	687				94x	METERS
DIFF ELEV							5008	670					BM 113-2
BM 113-2													MUNZ RANCH RD

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY A. C. GUIZADO DATE 4-18-60
NOTES BY A. L. G. DATE
INDEXED C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE

F. B 2441 PG. 156

76S420 S & E-353 4-54

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B.M.	1st RUN + BACKSIGHTS		DIFF		2nd RUN		3rd RUN − FORESIGHTS		ADJ. ELEV.				DESCRIPTION BM 113-2 TO BM 113-1
BM 113-2													BM 113-2
1	080	228	381	5	89 / 70	19	083	656	384	5	93 / 74	19	MUNZ RANCH RD @ 1.1 MI No
2	284	680	385	5	294 / 274	20	041	707	342	5	51 / 31	20	ELIZABETH LAKE PINE CANYON RD SEE FB 2441-130 FOR DESC
3	294	685	595	5	294 / 283	22	030	071	331	5	40 / 19	21	SPK
4	298	553	599	5	298 / 286	24	015	427	316	5	27 / 15	24	R. D. GLIDDEN WILD N3-75234
5	281	781	582	5	289 / 272	17	012	593	313	5	21 / 4	17	
6	239	670	540	5	246 / 231	15	009	487	310	5	20 / 9	22	
7	299	806	600	5	299 / 286	26	026	812	327	5	36 / 16	20	
8	297	211	598	5	297 / 283	28	040	329	341	5	54 / 25	29	
9	194	221	495	5	201 / 187	14	115	736	416	5	122 / 107	15	
10	258	112	559	5	274 / 242	32	014	001	315	5	29 / 14	30	
11	269	902	570	5	281 / 256	25	031	902	332	5	44 / 19	25	
12	272	208	573	5	284 / 260	24	021	170	322	5	34 / 9	25	
13	274	346	575	5	284 / 264	20	007	138	308	5	17 / 7	20	
14	297	639	598	5	297 / 288	18	014	942	315	5	23 / 4	19	
SUB TOTAL	3643	042	CM			304	464	971	CM			306	

NOTES RED ____ JOB NO. 0301.02 SURVEY OF A. CO. PRECISE LEVEL NE
DATE ____ SURVEY BY A C G012ADO
NOTES CHKD. H. J. AMBERS NOTES BY A L G DATE 4-19-60
DATE ____ INDEXED A. C. Johnson DATE ____

F. B. 2441 Pg. 157

F. B. 2441 Pg. 158

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NE NOTES RED.

SURVEY BY A.C. GUIZADO DATE

NOTES BY A.G. DATE 4-20-60 NOTES CHKD.

INDEXED A. C. Johnson DATE DATE

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B.M.	~~1st RUN~~ + BACK		~~DIFF.~~ SIGHTS		~~2nd RUN~~		~~3rd RUN~~ − FORE		~~ADJ. ELEV.~~ SIGHTS				DESCRIPTION
SUBTOTAL	3643	042	CM			304	464	971	CM			306	
15	283	419	584	5	300 / 276	24	034	970	335	5	31 / 17	24	
16	295	628	596	5	295 / 280	30	012	660	313	5	27 / 12	30	
17	268	531	569	5	279 / 257	22	008	715	309	5	19 / 8	22	
18	282	509	583	5	295 / 270	25	013	453	314	5	25 / 13	24	
19	287	559	588	5	297 / 277	20	017	451	318	5	26 / 8	18	
20	274	633	575	5	283 / 265	18	004	469	305	5	13 / 4	18	
21	298	321	595	5	298 / 288	20	068	470	69	5	78 / 57	21	
TOTAL	5633	642	CM			463	625	173	CM			463	
	625	173										463	
DIFF ELEV	5008	469	CM									926	
BM 113-1													BM 113-1 MUNZ RANCH RD @ 0.55 MI NO ELIZABETH LAKE PINE CANYON RD SEE F.B 2441-129 FOR DESC

76S420 S & E-353 4-54

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B.M.	1ST RUN + BACK		DIFF. SIGHTS		2ND RUN		3RD RUN - FORE		ADJ. ELEV. SIGHTS				DESCRIPTION BM 113-2 TO BM 113-3
BM 113-2													BM 113-2
1	016	591	317	5	23 / 9	14	234	269	535	5	212 / 226	16	MUNZ RANCH RD @ 1.1 MI. NO.
2	041	359	342	5	52 / 29	23	292	180	528	5	293 / 280	24	OF ELIZABETH LAKE PINE CANYON RD
3	014	166	315	5	27 / 14	26	293	428	594	5	293 / 280	26	SEE F.B 2441-130 FOR DESC
4	011	714	312	5	29 / 17	36	288	582	594	5	293 / 277	32	R.D. GLIDDEN
5	003	012	304	5	15 / 3	24	296	062	597	5	296 / 285	22	WILD N3-75234
6	047	565	348	5	58 / 36	22	274	003	575	5	280 / 293	21	
7	036	012	337	5	47 / 25	22	285	607	586	5	296 / 273	23	
8	052	728	353	5	69 / 42	21	246	260	547	5	257 / 236	22	
9	[illegible]	472	309	5	29 / 8 12	24	294	633	595	5	294 / 282	24	
10	002	691	303	5	12 / 2 12	20	299	973	600	5	299 / 289	20	
11	032	801	333	5	42 / 21	21	280	918	581	5	289 / 270	19	
1	047	586	348	5	56 / 37	19	293	893	594	5	293 / 282	22	
13	044	739	345	5	54 / 34	20	278	072	579	5	288 / 268	20	
14	033	361	334	5	44 / 22	22	286	478	587	5	296 / 275	21	
SUB TOTAL	382	787	CM				3929	658	CM				

NOTES RED _____ JOB NO. 0301.02 SURVEY OF A. CO. PRECISE LEVEL NET F.B. 2441 Pg. 159
DATE _____ SURVEY BY A. C. GUZADO
NOTES CHKD. BY A. L. C. DATE 4-19-60
DATE _____ INDEXED A. C. JOHNSON DATE _____

768420 S & E-353 4-54

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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.M.	~~1ST RUN~~ + BAC		~~DIFF.~~		~~2ND RUN~~		~~3RD RUN~~ - FORE		~~ADJ. ELEV.~~				DESCRIPTION BM113-2 TO BM113-3
SUB TOTAL	382	787	CM				3929	6[illegible]					
15	042	314	343	5	53 31	22	298	75[illegible]	[illegible]	5	298 287	22	
16	039	099	340	5	50 28	22	282	34[illegible]	[illegible]93	5	293 271	22	
17	030	184	331	5	41 19	22	299	242	[illegible]	5	[illegible] 288	22	
18	028	009	329	5	38 18	20	301	27[illegible]	[illegible]	5	301 291	20	
19	055	191	356	5	62 48	14	29[illegible]	92[illegible]	[illegible]	5	296 288	16	
TOTAL	587	594	CM			414	5428	206				414	
							587	594				414	
DIFF ELEV BM 113-3							4840	612	METERS			828	BM 113-3 (USCEGS P-1044-1960) MUNZ RANCH RD & 1.7 MI NO ELIZABETH LAKE PINE CANYON RD SEE F.B. 2441-131 FOR DESC

JOB NO. 0301.02 SURVEY OF A. CO. PRECISE LEVEL NET NOTES RED
SURVEY BY A. C. GUIZADO DATE
NOTES BY A. L. G. DATE 4-19-60 NOTES CHKD
INDEXED A. C. Johnson DATE DATE

F. B. 2441 PG. 160

76S420 S & E-353 4-54

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B.M.	~~1ST RUN~~ + BACK		~~DIFF.~~ SIGHTS		~~2ND RUN~~		~~3RD RUN~~ − FORE		~~ADJ. ELEV.~~ SIGHTS				DESCRIPTION BM 113-3 TO BM 113-2
BM113-3													BM 113-3 (USCSGS P-1062-1960)
1	293	999	594	5	300 286	14	052	452	353	5	59 45	14	MUNZ RANCH RD & 1.7 M. No
2	300	480	601	5	300 [illegible]	20	027	102	328	5	27 17	20	ELIZABETH LAKE PINE CANYON RD
3	295	348	596	5	295 284	22	026	397	327	5	37 15	22	SEE F.B 2441-131 FOR DESC
4	274	206	575	5	285 263	22	033	465	334	5	44 22	22	⊼ R.D GLIDDEN WILD N3-75234
5	286	810	587	5	297 275	22	028	516	329	5	39 17	22	
6	274	127	575	5	285 263	22	020	521	321	5	31 9	22	
7	264	352	565	5	274 254	20	032	008	333	5	42 22	20	
8	277	730	578	5	287 267	20	026	799	327	5	36 16	20	
9	270	626	571	5	279 260	19	026	683	327	5	36 17	19	
10	290	252	591	5	299 280	19	011	042	312	5	20 11 x2	18	
11	300	824	601	5	300 287	26	003	999	304	5	15 3	24	
12	239	152	540	5	249 228	21	036	535	337	5	47 25	22	
13	269	452	570	5	270 258	21	021	392	322	5	32 8	23	
14	263	749	564	5	273 252	21	035	907	336	5	46 24	22	
SUB TOTAL	3901	107	CM			289	382	818	CM			290	

NOTES RED. JOB NO. 030.02 SURVEY OF A. CO. PRECISE LEVEL NE
DATE SURVEY BY A.C. GUIZADO
NOTES BY H.J. AMBERS DATE 4-19-60
DATE INDEXED C. Johnson DATE

F.B. 2441 PG. 161

76S420 S & E-353 4-54

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B.M.	~~1st RUN~~ + BACK		~~DIFF.~~ SIGHTS		~~2ND RUN~~		~~3RD RUN~~ − FOR		~~ADJ. ELEV.~~ SIGHTS				DESCRIPTION
SUB TOTAL	3901	107	CM			289	382	818	CM			290	
15	286	126	587	5	297 274	23	009	249	[illegible]	5	20 9	22	
16	300	785	601	5	300 282	36	004	[illegible]	305	5	21 4	34	
17	282	468	583	5	295 269	26	002	[illegible]	303	5	15 2	26	
18	281	743	582	5	293 269	24	030	84[illegible]	[illegible]	5	41 18	23	
19	225	735	326	5	232 217	15	008	370	[illegible]	5	15 8	14	
TOTAL	5277	964	CM			413	438	048	CM			409	
	438	048										413	
DIFF ELEV	4839	916	CM							METERS		822	
BM 113-2													BM 113-2 MUNZ RANCH RD & 1.1 M NO ELIZABETH LAKE PINE CANYON RD SEE F.B 2441-130 FOR DESC

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NL NOTES RED.
SURVEY BY A. C. GUIZADO DATE
NOTES BY A. L. G. DATE 4-19-60 NOTES CHKD.
INDEXED C. Johnson DATE DATE

F.B. 2441 PG. 162

769420 S & E-353 4-54

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B.M.	1st RUN + BACK		DIFF. SIGHTS		2nd RUN		3rd RUN − FORE		ADJ. ELEV. SIGHTS				DESCRIPTION BM 113-2 TO BM 113-3 RERUN
BM 113-2													BM 113-2
1	017	348	318	5	23 / 10	13	235	065	536	5	243 / 227	16	MUNZ RANCH RD @ 1.1 M, No
2	035	823	336	5	46 / 23	23	286	768	587	5	298 / 274	24	ELIZABETH LAKE PINE CANYON RD
3	005	421	306	5	19 / 5 x2	28	284	843	[illegible]	5	296 / [illegible]	25	SEE F.B. 2441-130 FOR DESC
4	010	102	311	5	27 / 10	34	291	788	592	5	291 / 274	34	R. D. GLIDDEN
5	007	528	308	5	19 / 7 x2	24	299	337	600	5	299 / 281	22	WILD N3-75234
6	046	284	347	5	57 / 35	22	275	106	575	5	286 / 264	22	
7	038	243	339	5	49 / 27	22	284	989	585	5	295 / 273	22	
8	055	292	356	5	65 / 44	21	257	181	558	5	268 / 246	22	
9	018	162	319	5	29 / 6	23	297	491	598	5	297 / 286	22	
10	003	907	304	5	13 / 3 x2	20	297	247	598	5	297 / 287	20	
11	028	239	329	5	37 / 18	19	277	401	578	5	286 / 267	19	
12	039	629	340	5	49 / 29	20	290	103	591	5	300 / 279	21	
13	049	427	350	5	59 / 39	20	282	229	583	5	292 / 272	20	
14	030	832	331	5	41 / 19	22	283	972	584	5	294 / 272	22	
SUB TOTAL	386	237	CM			311	3943	5~~31~~ 20	CM			311	

NOTES RED _____ JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET F.B. 2441 PG. 163
DATE _____ SURVEY BY A. C. GUIZADO
NOTES CHKD. H. J. AMBERS NOTES BY A. L. G. DATE 4-20-60
DATE _____ INDEXED E. C. Johnson DATE _____

F. B. 2441 Pg. 164

JOB NO. 0301.02 SURVEY L.A. CO. PRECISE LEVEL NEL NOTES RED

SURVEY BY A. C. GUIZADO DATE 4-20-60 NOTES CHKD.

NOTES BY ALG DATE

INDEXED A. C. JOHNSON DATE

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B.M.	~~1st RUN~~ + BACK		~~DIFF.~~ SIGHTS		~~2nd RUN~~		~~3rd RUN~~ − FOR		~~ADJ. ELEV.~~ SIGHTS				DESCRIPTION BM 113-2 TO BM 113-3 RERUN
SUB TOTAL	386	237	CM			311	3943	5[illegible] 20	[illegible]M			311	
15	040	304	341	5	50 29	21	297	[illegible]	[illegible]	5	[illegible]	22	
16	037	600	338	5	48 26	22	280	[illegible]	[illegible]	5	[illegible]	22	
17	031	395	332	5	42 20	22	298	288	[illegible]9	5	298 287	22	
18	023	848	324	5	33 12	21	298	[illegible]	[illegible]9	5	298 287	22	
19	049	007	350	5	57 [illegible]	16	289	9[illegible]	[illegible]	5	[illegible]4 [illegible]	12	
TOTAL	568	391	CM				5408	6[illegible] 43	[illegible]M				
							568	391					
DIFF ELEV							4840	~~2[illegible]~~ 252	[illegible]M				
BM113-3													BM 113-3 (P 1044-1960) MUNZ RANCH RD & 1.7 MI. No. of ELIZABETH LAKE PINE CANYON RD SEE F.B. 2441-131 FOR DESC

76S420 S & E-353 4-54

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B.M.	1ST RUN + BACK SIGHTS		DIFF.		2ND RUN		3RD RUN - FORE SIGHTS		ADJ. ELEV.				DESCRIPTION RERUN BM113-3 TO BM113-2
BM113-3													BM113-3 CP1044-1960
1	283	348	592	5	296 / 282	19	047	531	348	5	32 / 40	15	MUNZ RANCH RD & 1.7 MI NO
2	287	727	588	5	297 / 276	21	018	332	319	5	27 / 8	19	ELIZABETH LAKE PINE CANYON RD. SEE F.B. 2441-131 FOR DESC.
3	287	709	588	5	298 / 276	22	015	259	316	5	26 / 4	22	
4	263	228	564	5	274 / 252	22	025	348	326	5	36 / 14	22	
5	277	421	578	5	288 / 266	22	015	552	316	5	25 / 4	21	⊼ R. D. GLIDDEN WILD N3-75234
6	264	127	565	5	275 / 253	22	011	321	312	5	22 / 11	22	
7	253	412	554	5	263 / 243	20	021	742	322	5	31 / 11	20	
8	273	840	574	5	283 / 263	20	022	999	323	5	32 / 12	20	
9	267	406	568	5	276 / 257	19	023	001	324	5	32 / 13	19	
10	296	692	597	5	296 / 286	20	007	390	308	5	17 / 7	20	
11	300	400	601	5	300 / 278	24	013	750	314	5	25 / 13	24	
12	254	078	555	5	265 / 243	22	051	539	352	5	61 / 40	21	
13	270	219	571	5	280 / 259	21	021	132	322	5	32 / 9	23	
14	258	977	559	5	268 / 247	21	031	995	332	5	41 / 20	21	
SUB TOTAL	3844	584	CM				326	890	CM				

NOTES RED _____ JOB NO. 0301.02 SURVEY OF A. CO. PRECISE LEVEL NET
DATE H. J. AMBERS SURVEY BY A. C. GUIZADO
NOTES CARD _____ NOTES BY A. L. G. DATE 4-20-60
DATE _____ INDEXED E. C. Johnson DATE _____

F.B. 2441 PG. 165

765420 S & E-353 4-54

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Do not extend notes this side of this line

B.M.	~~1ST RUN~~ + BACK		~~DIFF.~~ SIGHTS		~~2ND RUN~~		~~3RD RUN~~ − FORE		~~ADJ. ELEV.~~ SIGHTS				DESCRIPTION BM 113-3 TO BM 113-2 RERUN
SUB [illegible]	3844	584	CM				326	891	CM				
15	285	392	586	5	296 / 274	22	009	330	[illegible]	5	20 / 9	22	
16	291	443	592	5	291 / 273	36	008	141	[illegible]	5	23 / 8	30	
17	286	961	587	5	299 / 273	26	007	803	[illegible]	5	21 / 7	28	
18	284	414	585	5	295 / 272	23	018	813	[illegible]	5	21 / 5	24	
19	222	600	523	5	230 / 215	15	004	72[illegible]	[illegible]	5	12 / 4	16	
TOTAL	5215	~~394~~	CM				375	71[illegible]	CM				
	375	71X						2					
DIFF EL. BM 113-2	4840	213											
		394											
TOTAL	5215	394											
	375	712											
DIFF EL. BM 113-2	4837	682											

BM 113-2
MUNZ RANCH RD & 1.1 MI NO.
ELIZABETH LAKE PINE CANYON RD
SEE F.B. 2441-130, FOR DESC

NOTES RED. DATE
NOTES CHKD. DATE
DATE
DATE

JOB NO 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY A.C. CHIZHADO
NOTES BY E.L.G. JOHNSON DATE 4-20-60
INDEXED

F.B. 2441 PG. 166

76S420 S & E-353 4-54

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B.M.	1ST RUN + BACK SIGHTS		DIFF.		2ND RUN		3RD RUN - FORE SIGHTS		ADJ. ELEV.			DESCRIPTION BM 113-3 TO BM 113-4
BM 113-3												BM 113-3 (P1044-1960
1	103	172	404	5	111 / 94	17	291	688	592	5	300 / 283	17 MUNZ RANCH RD & 1.7 M. No ELIZABETH LAKE PINE CANYON RD
2	039	126	340	5	49 / 30	19	293	431	594	5	302 / 284	18 SEE F.B. 2441-131 FOR DESC
3	043	772	344	5	53 / 32	21	285	850	586	5	295 / 274	21
4	039	572	340	5	50 / 27	23	291	933	592	5	301 / 273	22
5	041	202	342	5	51 / 30	21	279	752	580	5	[illegible] / 262	21 ↑ R D GLIDDEN WILD N3 75234
6	054	300	355	5	73 / 36	37	298	048	599	5	298 / 280	36 ok
7	012	528	313	5	31 / 12	38	289	822	590	5	289 / 270	38
8	023	448	324	5	42 / 3	39	273	752	574	5	293 / 252	41
9	008	296	309	5	29 / 8	42	274	432	575	5	295 / 252	43
10	042	311	343	5	60 / 23	37	274	966	575	5	292 / 255	37
11	049	736	350	5	63 / 35	28	292	519	593	5	292 / 278	28
12	028	790	329	5	42 / 14	28	297	954	598	5	297 / 283	28
13	012	081	313	5	21 / 3	18	297	695	598	5	297 / 287	20
TOTAL	498	433	CM			368	3741	842	CM			370 BM 113-4
							498	433				368 MUNZ RANCH RD. & 2.1 M. No
							3243	409	CM		METERS	738 ELEZABETH LAKE PINE CANYON RD.
DIFF ELEV BM 113-4												SEE F.B. 2441-132 FOR DESC

NOTES RED ____ JOB NO. 0301.02 SURVEY OF A. CO. PRECISE LEVEL NET
DATE ____ SURVEY BY A C GUIZADO
NOTES CHKD. H. J. AMBERS NOTES BY A. E. JOHNSON DATE 4-20-60
DATE ____ INDEXED ____ DATE ____

F. B. 2441 Pg. 167

76S420 S & E-353 4-54

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B.M.	1st RUN + BACK SIGHTS		DIFF.		2nd RUN		3rd RUN − FOR SIGHTS		ADJ. ELEV.				DESCRIPTION BM 113-4 TO BM 113-3
BM 113-4													BM 113-4
1	296	753	597	5	296 / 297	18	018	36[illegible]	[illegible]	5	27 / 9	18	MUNZ RANCH RD & 2.1 Mi No ELIZABETH LAKE PINE CANYON RD
2	295	659	596	5	295 / 281	28	024	86[illegible]	[illegible]	5	38 / 10	28	SEE F.B 2441-131 FOR DESC
3	287	882	588	5	301 / 273	28	041	94[illegible]	342	5	55 / 27	28	
4	265	309	566	5	283 / 246	37	031	57[illegible]	[illegible]32	5	49 / 12	37	
5	268	029	569	5	289 / 245	43	003	21[illegible]	[illegible]04	5	25 / 3	44	↑ R.D. GLIDDEN WILD N3 75234
6	268	834	569	5	287 / 248	39	017	14[illegible]	[illegible]	5	37 / 17	40	
7	289	959	[illegible]	5	289 / 2[illegible]	38	022	049	[illegible]23	5	40 / 3	37	
8	298	505	599	5	298 / 280	36	046	71[illegible]	[illegible]47	5	64 / 27	37	
9	271	290	572	5	281 / 260	21	030	59[illegible]	[illegible]	5	41 / 19	22	
10	289	863	590	5	301 / 277	24	037	289	338	5	48 / 26	22	
11	280	038	581	5	290 / 269	21	029	344	[illegible]	5	39 / 18	21	
12	270	884	571	5	279 / 261	18	024	148	[illegible]5	5	33 / 15	18	
13	274	901	575	5	282 / 265	17	087	377	388	5	95 / 78	17	
TOTAL	3657	812	CM				414	624	M				BM 113-3 CP1044-1960
	414	624											MUNZ RANCH RD & 1.7 Mi No of
DIFF ELEV	3243	88											ELIZABETH LAKE PINE CANYON RD
BM 113-3		2											SEE F.B. 2441-131 FOR DESC

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NF
SURVEY BY A.C. GUIZADO DATE 4-20-60
NOTES BY A.L.G. DATE
INDEXED DATE
NOTES RED DATE
NOTES CHKD DATE

F.B. 2441 PG. 168

76S420 S & E-353 4-54

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B.M.	1ST RUN + BACKSIGHT		DIFF.		2ND RUN		3RD RUN — FORESIGHT		ADJ. ELEV.				DESCRIPTION B.M. 113-4 TO B.M. 113-5
BM.113-4													B.M. 113-4 MUNZ RANCH RD
1.	158	682	459	5	172 / 145	27	293	762	594	5	293 / 280	26	2½ mi N of Eliz. Lake Pine Co Rd
													See FB 2441-132 for Desc
2.	023	531	324	5	36 / 10	26	283	602	584	5	296 / 270	26	
3	031	402	332	5	51 / 11	40	253	048	554	5	273 / 233	40	
4.	018	512	319	5	38 / 18½	40	288	092	589	5	288 / 268	40	⊼ A.L. Goble Wild N-3 75234
5.	023	018	324	5	40 / 05	35	248	963	549	5	266 / 231	35	
6	048	288	349	5	63 / 32	31	251	563	552	5	267 / 236	31	
7	038	707	339	5	54 / 23	31	264	908	565	5	280 / 249	31	
8.	042	851	343	5	58 / 27	31	239	762	540	5	255 / 224	31	
9.	046	528	347	5	65 / 27	38	247	929	548	5	266 / 225	38	
10.	045	649	346	5	63 / 27	36	080	658	381	5	96 / 65	31	
TOTAL	477	168				335	2452	287				329	
							477	168				335	
							-1975	119				664	METERS
DIFF. ELEV. B.M. 113-5													B.M. 113-5 (U.S. Boundary Post #80 Munz Ranch Rd; 2¾ mi N. of Eliz. Lake Pine Co Rd. See FB 2441-133 for Desc

NOTES RED: JOB NO. 0301.02 SURVEY OF L.A. Co. Precise Level Net
DATE: SURVEY BY A.C. Guizado
NOTES BY: J. AMBERG T.O. DATE 4-21-60
DATE: INDEXED: C. Johnson DATE:

F. B. 2441 Pg. 169

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B.M.	1ST RUN + BACKSIGHT		DIFF.		2ND RUN		3RD RUN − FORESIGHT		ADJ. ELEV.				DESCRIPTION
BM113-5													BM113-5 TO BM113-4
1	086	802	387	5	102 / 71	31	051	030	352	5	69 / 33	36	BM113-5 U.S. FOREST BOUNDARY POST 60 MUNZ RANCH RD; 2.5 MI N. OF ELIZ. LAKE PINE CO RD.
2	253	957	554	5	273 / 233	40	050	061	351	5	68 / 31	37	SEE FB2441-133 FOR DESC
3	246	349	547	5	262 / 230	32	051	971	352	5	66 / 36	30	
4	269	822	570	5	285 / 254	31	039	892	340	5	54 / 23	31	
5	247	829	548	5	262 / 232	30	047	893	348	5	63 / 32	31	
6	250	517	551	5	265 / 233	35	024	448	325	5	41 / 06	35	
7.	294	483	595	5	294 / 274	40	026	183	327	5	46 / 06	40	
8	252	652	553	5	272 / 232	40	032	183	333	5	52 / 12	40	
9	289	277	590	5	302 / 276	26	031	404	332	5	44 / 18	26	
10.	293	549	594	5	293 / 280	26	155	013	456	5	168 / 142	26	
TOTAL	2485	237					510	078					
	510	078											
DIFF. ELEV. + BM 113-4	1975	159											BM113-4 MUNZ. RANCH RD. 2.5 MI N. OF ELIZ. LAKE PINE CN RD. SEE FB2441-132 FOR DESC

JOB NO. 030102 SURVEY OF A. CO. FREEDOM [illegible] NOTES RED.
SURVEY BY A.C. GUIZADO DATE
NOTES BY TO DATE 4-25-60 NOTES CHKD.
INDEXED A. C. Johnson DATE DATE

F. B. 2441 PG. 170

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	~~1st RUN~~ + BACKSIGHT		~~DIFF.~~		~~2nd RUN~~		~~3rd RUN~~ — FORESIGHT		~~ADJ. ELEV.~~				DESCRIPTION B.M. 113-5 TO B.M. 113-6
B.M. 113-5,													B.M. 113-5 (U.S. FOREST BOUNDARY POST #80)
1.	005	435	306	5	11 5	12	189	958	490	5	196 183	13	2.5 MI. N. OF ELIZ. LAKE PINE CO RD.
2.	038	333	339	5	57 19	38	256	742	557	5	276 237	39	SEE FB 2441-133 FOR DESC. ON MUNZ RANCH RD
3	050	531	351	5	69 30	39	253	695	554	5	272 235	37	
4	166	586	467	5	193 138	55	199	108	500	5	227 171	56	
5	083	129	384	5	102 63	39	257	021	558	5	276 237	39	A.L. GOBLE WILD N-3 75234
6	060	484	361	5	72 48	24	262	362	563	5	273 250	23	
7.	042	049	343	5	54 29	25	262	202	563	5	274 249	25	
8	088	872	389	5	116 61	55	231	262	532	5	258 203	55	
9	095	852	396	5	123 68	55	232	622	533	5	259 204	55	
10.	095	548	396	5	123 68	55	249	924	550	5	277 222	55	
11.	038	872	339	5	62 15	47	274	589	575	5	297 252	45	
TOTAL	765	691	—			444	2669	485				442	
							765	691				444	
DIFF ELEV. B.M. 113-6							1903	794			METERS	886	B.M. 113-6 MUNZ RANCH RD 3.0 MI. N. OF ELIZ. LAKE PINE CO RD SEE FB 2441-134 FOR DESC.

NOTES RED. JOB NO. 030102 SURVEY OF L.A. Co. PRECISE LEVEL NET
DATE SURVEY BY A. C. GUIZADO
NOTES CHKD. J. AMBERS BY [illegible] DATE 4-21-60
DATE INDEXED A. C. [illegible] DATE

F.B. 2441 PG. 171

768420 S & E-383 4-54

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JOB NO. 2201-02 SURVEY OF A. W. Thomas Level NOTES RED DATE
SURVEY BY A.C. Gutierrez NOTES CHKD
NOTES BY T.O. DATE 4-25-60
INDEXED E. C. Johnson DATE

B.M.	1st RUN + BACK		DIFF.		2ND RUN		3rd RUN −		ADJ. ELEV.				DESCRIPTION
BM 113-6													BM 113-6 TO BM 113-5
1	282	093	583	5	282 259	46	046	694	347	5	69 23	46	BM 113-6 MUNZ RANCH RD 3.0 MI N. OF ELIZ LAKE PINE CN RD. See FB 2441-134 FOR DESC
2	252	332	553	5	279 224	55	077	681	398	5	124 69	55	
3	230	484	531	5	257 202	55	096	195	377	5	123 68	55	
4	238	779	539	5	266 210	56	099	151	400	5	127 72	55	
5	273	668	574	5	286 260	26	051	658	352	5	63 39	24	
6	268	972	569	5	280 257	23	063	888	364	5	75 51	24	
7	260	054	561	5	279 240	39	055	649	356	5	105 66	39	
8	203	599	504	5	231 176	55	172	588	313	5	291 184	57	
9	258	404	559	5	277 235	38	054	271	345	5	73 35	38	
10	256	622	557	5	276 237	39	038	009	329	5	57 19	38	
11	191	648	492	5	198 185	13	007	011	308	5	13 07	12	
TOTAL	2716	625	1				812	802					
	812	802	1										
DIFF. ELEV.	1903	823	1										
B.M. 113-5													BM 113-5 (U.S. Forest & Boundary Post #89) 2.5 MI N. OF ELIZ LAKE PINE CN RD. See FB 2441-133 FOR DESC. ON MUNZ RANCH RD

F.B. 2441 Pg. 172

76S420 S & E-353 4-54

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NOTES RED. DATE
NOTES Hkd. AMBERS DATE
INDEXED DATE

JOB NO. 030102 SURVEY OF L.A. Co. Release Level Net
SURVEY BY A. C. GUIZADO
NOTES BY A. C. Johnson DATE 4-21-60

F.B. 2441 Pg. 173

B.M.	~~TOTAL~~ + BACKSIGHT		~~DIFF.~~		~~2nd RUN~~		~~2nd RUN~~ — FORESIGHT		~~ADJ. ELEV.~~				DESCRIPTION BM 113-6 TO BM 113-7
BM 113-6													BM 113-6 MUNZ RANCH RD.
1	614	973	315	S	28 12½	28	242	497	543	S	256 228	28	3.0 mi N. OF ELIZ LAKE PINE CO RD
													SEE FB 2441-134 FOR DESC
2	143	411	444	S	166 122	44	179	289	480	S	202 156	46	
3	069	579	370	S	92 46	46	248	805	549	S	271 225	46	
4	030	711	331	S	53 08	45	286	231	567	S	256 213	46	
													⊼ A. C. GOBLE
5	056	368	357	S	77 33	44	208	821	509	S	231 184	46	WILD N-3 7523d
6	082	833	383	S	105 59	46	202	622	503	S	225 179	46	
7	097	848	398	S	120 74	46	176	084	417	S	199 153	46	
8	093	922	394	S	109 78	31	254	773	555	S	270 239	31	
9	032	954	333	S	44 19	26	301	238	602	S	301 288	26	
10	030	939	331	S	46 15	31	235	980	536	S	251 220	31	
11	117	724	418	S	134 97	36	236	828	537	S	258 218	37	
TOTAL	771	262	—			427	2573	168	—			429	
							771	262				427	
							1801	906	—		METERS	856	
DIFF. ELEV. BM 113-7													BM 113-7 MUNZ RANCH RD
													0.9 mi S. OF LANCASTER RD.
													SEE FB 2441-135 FOR DESC

768420 S & E-353 4-54

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JOB NO. 0301.02 SURVEY OF L.A.Co PRECISE LEVEL NET NOTES RED
SURVEY BY A.C. GUIZADO DATE
NOTES BY T.O. DATE 4-21-60 NOTES CHKD.
INDEXED A. C. Johnson DATE DATE

F. B. 2441 PG. 170

B.M.	1ST RUN + BACKSIGHT		DIFF.		2ND RUN		3RD RUN − FORESIGHT		ADJ. ELEV.				DESCRIPTION B.M. 113-7 TO B.M. 113-6
BM.113-7													B.M. 113-7 MUNZ RANCH RD
1	235	265	536	5	284 217	37	116	651	[illegible]	5	134 98	36	0.9 MI. S. OF LANCASTER RD
													SEE FB 2441-135 FOR DESC
2	225	678	526	5	240 210	30	019	901	[illegible]	5	34 04	30	
3	297	462	598	5	297 284½	26	028	019	[illegible]	5	41 14	27	
4	247	322	548	5	262 232	30	087	645	[illegible]	5	103 72	31	
5	181	198	482	5	204 158	46	103	164	[illegible]	5	126 80	46	⊼ A.L. GOBLE
													WILD N-3 75234
6	206	541	507	5	229 183	46	086	322	[illegible]	5	109 63	46	
7	208	562	509	5	231 185	46	056	357	[illegible]	5	79 33	46	(VERY WINDY)
8	288	352	589	5	288 266	44	032	512	[illegible]	5	54 10	44	
9	252	554	553	5	275 239	46	073	651	[illegible]	5	96 50	46	
10	179	011	380	5	202 156	46	144	201	[illegible]	5	167 121	46	
11	244	302	545	5	258 230	28	015	442	[illegible]	5	29½ 15½	28	
TOTAL	2566	247	✓			425	763	873	✓			426	
	763	873										425	
DIFF. ELEV.	1802	374	✓							METERS		851	
BM113-6													B.M. 113-6 MUNZ RANCH RD
													3.0 N. OF ELIZ. LAKE PINE CO RD
													SEE FB 2441-134 FOR DESC

76S420 S & E-353 4-54

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B.M.	1ST RUN +BACKSIGHT		DIFF		2ND RUN		3RD RUN −FORESIGHT		ADJ. ELEV.				DESCRIPTION BM 113-7 TO BM 113-6
BM. 113-7													B.M. N3-7
1	235	361	536	5	254 217	37	115	911	416	5	133 97	36	
2	234	062	535	5	249 218	31	030	141	331	5	45 14	31	
3	301	268	602	5	301 288	26	033	279	334	5	46 20	26	
4	253	703	554	5	269 238	31	090	259	391	5	105 74	31	
5	182	751	483	5	205 159	46	108	181	409	5	131 85	46	⊼ A.L. GOBLE WILD N-3 75234
6	208	929	509	5	231 185	46	087	408	388	5	110 64	46	
7.	205	337	506	5	228 182	46	051	972	352	5	74 28	46	
8	283	809	584	5	283 261	44	028	129	329	5	51 06	45	
9.	250	059	551	5	273 227	46	071	690	372	5	94 48	46	
10	182	155	483	5	205 158	47	151	418	452	5	174 128	46	
11	240	382	541	5	254 226	28	007	767	308	5	21 67 1/2	28	
TOTAL	2577	816	✓				776	155	✓				
	776	155											
DIFF. ELEV.	1801	661	✓										
BM 113-6													B.M. N3-6

NOTES RED. JOB NO. 0301.02 SURVEY OF L.A. Co PRECISE LEVEL NET
DATE SURVEY BY A.C. GUIZADO
NOTES CHKD. H.J. AMBERS NOTES BY T.O. DATE 4-25-60
DATE INDEXED A. C. Johnson DATE

F. B 2441 PG. 175

F. B. 2441 PG. 176

JOB NO. 0301.02 SURVEY OF [illegible] NOTES RED

SURVEY BY A. C. GUIMARO DATE 4-26-60 NOTES CHKD

NOTES BY [illegible] DATE

INDEXED C. Johnson DATE

763420 S & E-383 4-64

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B.M.	~~1st RUN~~ BACKSIGHT		~~DIFF.~~		~~2nd RUN~~		~~3rd RUN~~ FORESIGHT		~~ADJ. ELEV.~~				DESCRIPTION BM113-7 TO BM113-8 [illegible]
BM113-7	164	568	465	5	192 / 136	56	212	60[illegible]	[illegible]	5	[illegible]	56	BM113-7 MUNZ RANCH Rd
													0.9 MI S. OF LANCASTER Rd
2	052	810	353	5	79 / 25	54	244	[illegible]	[illegible]45	5	27[illegible] / 216	55	SEE FB 2441-135 FOR DESC
3	077	964	378	5	105 / 49	56	216	46[illegible]	[illegible]17	5	243 / 18[illegible]	54	
4	046	240	347	5	[illegible]	46	280	[illegible]	[illegible]	5	280 / [illegible]72	46	T. OHASHI WILD N3-75234
5	014	083	315	5	[illegible]	54	234	66[illegible]	[illegible]	5	[illegible]	55	
6	077	877	378	5	96 / 58	38	207	76[illegible]	[illegible]	5	[illegible]	38	
TOTAL	433	542				304	1397	01[illegible]				304	
							433	54[illegible]				608	METERS
DIFF/ELEV							963	468					
BM113-8													BM113-8 MUNZ RANCH Rd
1	207	[illegible]	508	5	226 / 183	36	[illegible]	[illegible]	[illegible]	5	[illegible] / 58	36	0.9 MI [illegible] FROM LANCASTER RD.
2	[illegible]	[illegible]	54[illegible]	5	269 / 212	56	023	[illegible]	[illegible]	5	50 / [illegible]	54	
3	292	29[illegible]	593	5	292 / 2[illegible]9	46	055	23[illegible]	[illegible]56	5	78 / 32	46	T. [illegible] WILD N3-75234
4	224	6[illegible]	[illegible]	5	[illegible]	54	085	85[illegible]	396	5	113 / 57	56	
5	245	[illegible]	[illegible]	5	275 / 221	54	057	28[illegible]	[illegible]9	5	84 / 29	55	
6	211	962	512	5	239 / 183	56	163	421	[illegible]4	5	191 / 135	56	
TOTAL	1426	124					462	67					BM113-7 MUNZ RANCH RD.
DIFF. IN	462	67[illegible]											0.9 MI S. OF LANCASTER RD.
ELEV.	963	454											SEE FB. 2441-135 FOR DESC
BM 113-7													

76S420 S & E-353 4-54

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B.M.	1ST RUN BACKSIGHT		DIFF.		2ND RUN		3RD RUN FORESIGHT		ADJ. ELEV.				DESCRIPTION
B.M. 113-8													B.M. 113-8 SEE F.B. 2441-136
1	029	045	330	5	49 9	40	219	828	520	5	239 199	40	MUNZ RANCH RD. 0.4 MI SLY. FROM LANCASTER RD.
2	053	988	354	5	81 25	56	220	431	521	5	248 192	56	
3	044	372	345	5	72 16	56	230	[illegible]	[illegible]	5	258 202	56	
4	058	788	354	5	86 30	56	222	762	523	5	[illegible]	56	
5	064	07[illegible]	[illegible]	5	91 37	54	218	774	519	5	[illegible]	56	T. OHASHI WILD N3-75234
6	052	640	353	5	80 24	56	085	150	386	5	117 58	54	
7	237	151	538		753 22[illegible]	32	00[illegible]	720	307	5	19 6	26	
8	193	[illegible]72	[illegible]	5	19[illegible]	[illegible]	[illegible]	270	[illegible]	5	[illegible]	12	
TOTAL	733	246				356	1254	725				356	
DIFF IN ELEV.							733	246				356	
							55	479				712	
B.M. 102-29													B.M. 102-29 SEE F.B. 2412-34 MUNZ RANCH RD. & LANCASTER RD.

NOTES RED ____ JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NO. F.B. 2441 PG. 177
DATE ____ SURVEY BY A.C. GUIZARO
NOTES CHKD. H. J. AMBERS NOTES BY K. C. Johnson DATE 4-25-60
DATE ____ INDEXED ____ DATE ____

768420 S & E-353 4-54

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L. A. CO. PRECISE LEVEL NET

JOB NO. 23042 SURVEY OF ALT CULVERS
SURVEY BY [illegible] DATE 4-[illegible]-60
NOTES BY [illegible] DATE
INDEXED [illegible] DATE

NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2441 Pg. 178

B.M.	1st RUN		DIFF.		2nd RUN		3rd RUN		ADJ. ELEV.				DESCRIPTION
BM 1022													BM 1022-24 SEE F.B. 2412-34
1	[illegible]	515	[illegible]	5	[illegible]	[illegible]	206	5	[illegible]	5	[illegible]	[illegible]	MUNZ RANCH RD. & LANCASTER RD.
2	[illegible]	395	[illegible]	[illegible]	[illegible]	28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3	088	450	389	5	[illegible]	56	[illegible]	[illegible]	[illegible]	[illegible]	85 31	54	
4	027	582	526	5	[illegible]	56	[illegible]	[illegible]	[illegible]	[illegible]	97 42	55	A. T. CROSS WILD [illegible] 234
5	425	[illegible]	[illegible]		256 [illegible]	56	[illegible]	[illegible]	[illegible]	5	43 37	56	
6	242	801	543	[illegible]	257 274	56	059	[illegible]	[illegible]	[illegible]	57 31	56	
7	227	808	528	5	255 199	56	055	[illegible]	[illegible]	5	[illegible] 31	56	
8	209	271	509	5	228 198	45	05[illegible]	[illegible]	[illegible]	5	35 15	40	
TOTAL	321	34[illegible]				358	~~[illegible]~~					358	
DIFF. IN ELEV.	~~[illegible]~~		769 955				769 955					358	
BM 123-8	551	391											BM 123-8 SEE F.B. 2441-136 MUNZ RANCH RD. 0.4 MI S'LY FROM LANCASTER RD.

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B.M.	1ST RUN BACKSIGHT		DIFF.		2ND RUN		3RD RUN FORESIGHT		ADJ. ELEV.				DESCRIPTION B.M. 102-29 To B.M. 102-30
B.M. 102-29													B.M. 102-29 SEE F.B. 2412-34
1	111	826	412	5	139 / 83	56	061	680	362	5	89 / 33	56	MUNZ RANCH RD. & LANCASTER RD.
2	154	890	455	5	182 / 127	55	076	743	377	5	104 / 48	56	
3	201	200	502		229 / 173	56	149	200	450	5	177 / 122	55	
4	085	222	386	5	112 / 58	54	101	248	402	5	128 / 74	54	
5	206	987	507	5	233 / 179	54	068	209	369	5	96 / 40	56	K. T. OHASHI WILD N-3-75234
6	144	134	455	5	173 / 115	58	083	768	384	5	110 / 56	54	
7	287	610	588	5	287 / 203	48	163	740	464	5	184 / 137	53	
8	163	451	464	5	179 / 147	32	234	903	535	5	249 / 219	30	
TOTAL	1355	3[illegible]				413	939	491				413 / 413	
DIFF. IN	939	491										827 / 6	METERS
ELEV.	415	829											
B.M. 102-30													B.M. 102-30 SEE F.B. 2412-35

NOTES RED. JOB NO. 0307.02 SURVEY OF L. A. CO. PRECISE LEVEL NO. F. B. 2437 PG. 179
DATE SURVEY BY A. C. GUIZADO
NOTES CHKD. H. J. AMBERS DATE 4-25-60
DATE INDEXED R. C. Johnson DATE

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~~B.M.~~	~~1st RUN~~ BACKSIGHT		~~DIFF.~~		~~2nd RUN~~		~~3rd RUN~~ FOR		~~ADJ. ELEV.~~				DESCRIPTION B.M. 102-30 TO B.M. 102-29
B.M. 102-30													B.M. 102-30 SEE F.B. 2412-35
1	238	817	539	5	253 / 223	30	[illegible]	33[illegible]	[illegible]	5	183 / 151	32	
2	168	910	469	5	193 / 143	50	293	08[illegible]	[illegible]	5	293 / 268	50	
3	088	883	389	5	117 / 59	58	148	37[illegible]	[illegible]	5	175 / 121	54	
4	067	922	368	5	94 / 40	54	206	982	[illegible]	5	234 / 178	56	
5	103	419	404	5	130 / 76	54	085	61[illegible]	[illegible]	5	112 / 58	54	⊼ T. OHASHI WILD N3-75234
6	151	144	452	5	178 / 123	55	205	81[illegible]	[illegible]	5	233 / 177	56	
7	076	461	377	5	105 / 48	54	156	59[illegible]	[illegible]	5	184 / 128	54	
8	068	329	369	5	96 / 40	56	116	32[illegible]	[illegible]	5	144 / 88	54	
TOTAL	963	885					1380	136[illegible]					
DIFF. IN							963	88[illegible]					
ELEV.							410	25[illegible]					
B.M. 102-29													B.M. 102-29 SEE F.B. 2412-34 MUNZ RANCH RD. & LANCASTER RD.

JOB NO. 030102 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY A.C. GUIZADO DATE 9-25-60
NOTES BY R.G. DATE
INDEXED C. Johnson DATE
NOTES RED. DATE
NOTES CHKD. DATE

F. B2437 PG. 180

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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.M.	1ST RUN		DIFF. BACK SIGHT		2ND RUN		3RD RUN		ADJ. ELEV. FORE SIGHT				DESCRIPTION RETURN B.M. 102-29 10.5.1 102-3
B.M. 102-29													B.M. 102-29 SEE F.B. 2412-31
1	1.12	588	[illegible]	5	1.12 33	55	066	104	[illegible]	5	33	56	MUNZ RANCH RD. &
													LA CASTAR RD.
2	1.53	[illegible]	454	5	1.53 22	5	072	715	373	5	14	50	
3	2.53	173	304	5	2.31 170	52	149	65	430	5	177 12	56	
4	0.73	[illegible]	[illegible]	5	[illegible]	55	[illegible]	[illegible]	[illegible]	5	[illegible]	51	
5	2.03	[illegible]	[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	[illegible]	56	
6	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	085	895	[illegible]	5	[illegible]	55	
7	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57	
8	[illegible]	[illegible]	474	5	[illegible]	[illegible]	[illegible]	[illegible]	545	[illegible]	[illegible]	[illegible]	
[illegible]	364	[illegible]											
[illegible]	[illegible]	[illegible]											
[illegible]	416	391											
B.M. 102-30													B.M. 102-30 SEE F.B. 2412-35
													0.5 WLY FROM INT. OF
													MUNZ RANCH RD. &
													LA CASTAR RD.

NOTES RED _____ JOB NO. 0341.02 SURVEY OF [illegible]
DATE 11-1-60 SURVEY BY [illegible]
NOTES CHKD. AMBERS NOTES BY [illegible] DATE 1-28-60
DATE _____ INDEXED K. C. Johnson DATE _____

F.B. 2441 Pg. 181

F. B. 2441 Pg. 182

JOB NO. 0301-02 SURVEY OF [illegible] NOTES RED

SURVEY BY A. C. GUZZO DATE

NOTES BY DATE NOTES CHKD.

INDEXED DATE DATE

B.M.	1st RUN	DIFF	2nd RUN	3rd RUN	ADJ. ELEV.	DESCRIPTION

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
728 LOS ANGELES COUNTY ENGINEERING BLDG.

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

769420 S & E-353 4-54

768420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.		DESCRIPTION
							B.M. 102-30 TO B.M. 102-31
							B.M. 102-30 SEE [illegible] 0.5 W'LY FROM INT. OF MUNZ RANCH RD. & LANCASTER RD.
							B.M. 102-[illegible] 5 (US Z-305, 1935) 0.7 MI W OF MUNZ RANCH RD & LANCASTER RD
							B.M. 102-30 SEE R.B. 2012-35 0.5 MI W'LY FROM INT. OF MUNZ RANCH RD & LANCASTER RD

NOTES RED. JOB NO. 5301.02 SURVEY OF L. A. CO. PRECISE LEVEL NO. F. B 2441 PG. 183
DATE SURVEY BY [illegible]
NOTES BY [illegible] DATE [illegible]
DATE INDEXED A. C. Johnson DATE

F. B. 2441 PG. 184

JOB NO. 030102 SURVEY OF L. A. CO. PRECISE LEVEL... NOTES RED.

SURVEY BY F. C. Guirado DATE

NOTES BY DATE NOTES CHKD.

INDEXED DATE DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

768420 S & E-353 4-54

Notes Ck'd by	Survey of L.A.Co PRECISE LEVEL NET F. B. 2441 PG. 185
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes Date OCT 1972
Date	Indexed G. D. BAILEY NOV 15 1972

JOB NO. 0301.02

L.A. Co. PRECISE LEVEL NET

LINE NO. 113, OCTOBER, 1972 RELEVELING

REF.

F.B. 2441 - 127 TO 136

F.B. 3724 - 175 TO 194

DREIER
MALDONADO
SIEMANN
OHASHI
McKNIGHT

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

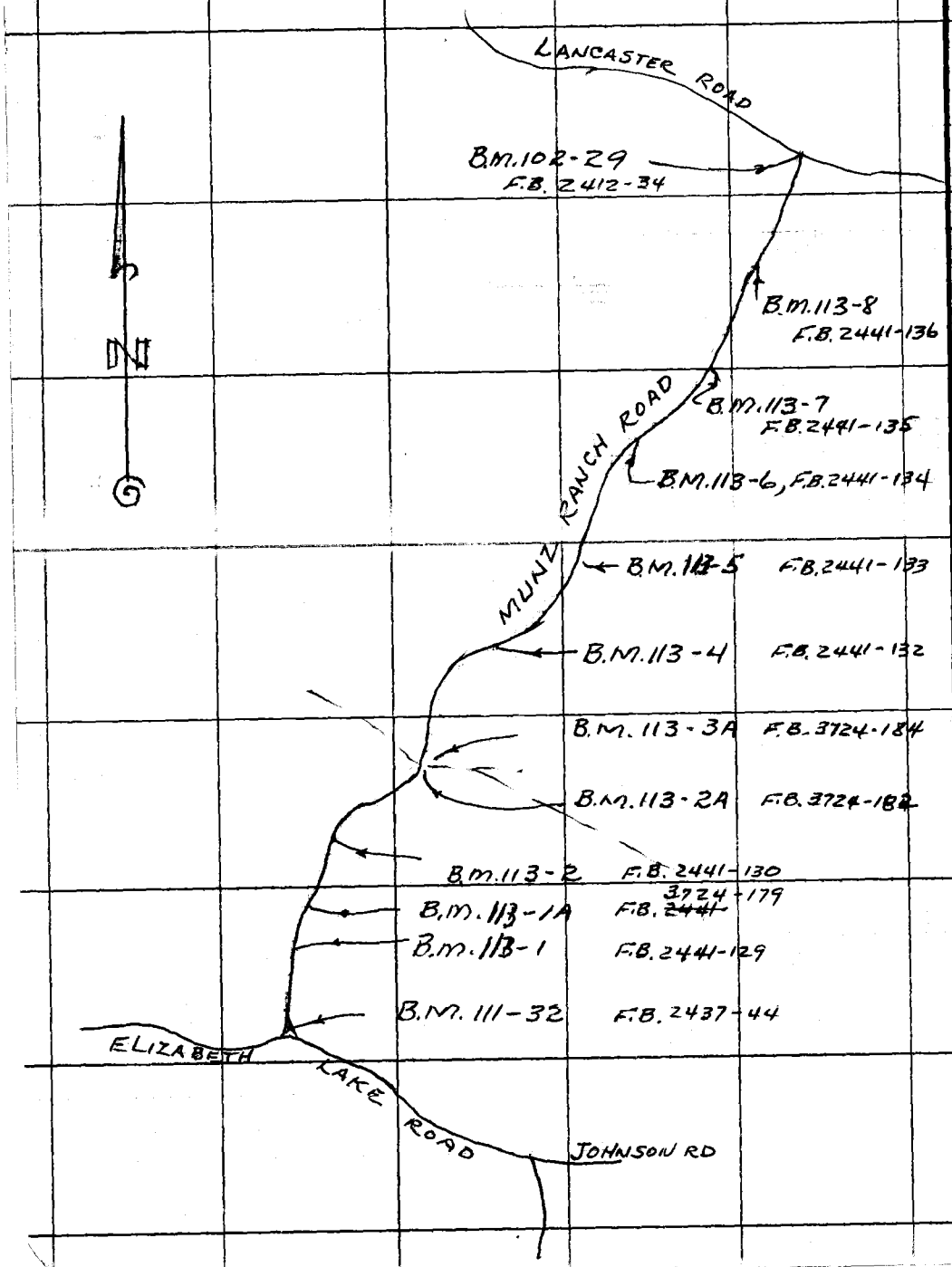
Do not extend this side of this line.

16F3095 CF#310 3-69

ROUTE SKETCH

F. B. 2441 PG 186

LINE 113, OCT. 1972, RELEVELING



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

Do not extend this side of this line.

Note: Any Additions or Changes of This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

76P525 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 ____ TO ____
				DETERMINATION OF C					
		NEAR ROD				FAR ROD			
	159	173	460 5	161 / 157 4	180	890	481 5	206 / 154 52	52M — 4M = 48M = 0.20mm
2	152	560	453 5	154 / 150 4	130	771	431 5	156 / 104 [illegible]	M — 4M = M = 0.20mm
	311	733		8	311	661		104	
	311	621				040		8	CURV. CORR. 0.40 mm
		112			311	621		96	

+.0116 mm = C

96) 112.0
96
160
96
640

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREYER
NOTES BY T. CHASKI DATE 10-24-72
INDEXED ____ DATE ____
WEATHER Clear-Breezy INST. NO. 96716
TIME 10:00 - 10:05 ROD NO. 1713 A&B
NOTES CHKD G. D. BAILEY DATE NOV 15 197
F.B. 2441 PG. 187

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF C						
	~~NEAR ROD~~				~~N. G. FAR R~~				
~~1~~	~~161~~	~~840~~	~~462 5~~	~~163 / 159 4~~	~~112~~	~~179~~	~~413 5~~	~~139 / 85 54~~	~~54M − 4M = 50M = 0.20 mm.~~
~~2~~	~~159~~	~~171~~	~~460 5~~	~~161 / 157 4~~	~~208~~	~~200~~	~~509~~	~~235 / 181 54~~	~~54M − 4M = 50M = 0.20 mm~~
	~~321~~	~~011~~			~~320~~	~~379~~			~~Cur. Corr. = 0.40 mm~~
	~~320~~	~~339~~				~~040~~			
		672			~~320~~	~~339~~			
	NEAR ROD				FAR ROD				
1	159	162	460 5	161 / 157 4	208	181	509 5	235 / 181 54	54M − 4M = 50M = 0.20 mm
2	157 (8)	010	459 5	160 / 156 4	109	113	410 5	136 / 82 54	M − 4M = M = 0.20 mm
	317	172		8	317	294		108	Cur. Corr. = 0.40 mm
						040		8	
					317	254		100	
					317	172			
				−		082			

−.008 mm = "C"

100) 0.82

F.B. 2441 PG. 188

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY G.E. Drever NOTES T. Ohashi 10-25-72

INDEXED G. D. BAILEY DATE

JOB NO. 0301.02

WEATHER Clear-Breezy INST. NO. 967.6

TIME 10:00 – 10:10 ROD NO. 713A&B

NOTES CHKD. ____ DATE ____

T = 68°

76P5263 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 G.E. DREIER WEATHER WINDY OVERCAST INST. NO 76716
NOTES BY SIEMANN DATE 10-26-72 TIME 1:00 TO 1:10 ROD NO 17134B
INDEXED DATE NOTES CHKD. D. BAILEY DATE NOV 15 1972
T = 64°
F.B. 2441 PG. 187

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS From ___ To ___
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	153 591	454 5	155 151 4	197 732	498 5	224 170 54	54 M- 4 M=50 M=0.20mm
2	144 090	445 5	146 142 4	100 198	401 5	127 73 54	54 M- 4 M=50 M=0.20mm
	297 681			297 930		108	
			8	040			
	+			-0. mm		8	Curvature Corr.=0.40 mm
				297 870		100	
				297 681			
				- 189			
			mm= "C"				
	1						
				- .019mm= "C"			
				100/ 189			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF "C"								
	NEAR		ROD		FAR		ROD		
1	154	198	455 5	156 152 4	212	662	513 5	239 185 54	54M-4M=50M=0.20 mm
2	149	993	450 5	151 147 4	91	715	392 5	118 64 54	54M-4M=50M=0.20 mm
	304	191		8	304	377		108	
						040 mm		8	Curvature Corr. = 0.40 mm
					304	337		100	
						191			
						1.46			

$-.015$

$\cancel{.014}$ mm = "C"

$100\overline{)1.46}$

F.B. 2441 PG. 190 JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Dreier NOTES Maldonado

INDEXED G.D. BAILEY DATE

WEATHER overcast INST. NO. 96716

TIME 9:45 ROD NO. 1713 AB

NOTES CHKD DATE

T = 5°

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 G. E. DREIER
NOTES BY T. OHASHI DATE 10-30-72 TIME 2:20 - 2:25 WEATHER CLEAR-WINDY INST. NO. 96716 ROD NO. 1713 A+B
INDEXED DATE NOTES CHKD G.D. BAILEY DATE NOV 15 1972
F.B. 2441 PG. 191
T=66°

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	153 930	454 5	155 151 4	165 349	466 5	192 138 54	54 M- 4 M= 50 M=0.20 mm
2	158 420	459 5	160 156 4	147 000	448 5	174 120 54	54 M- 4 M= 50 M=0.20 mm
	312350			312349			
	312309			040			
	+ 041			-0. mm			Curvature Corr.=0.40 mm
				312309			
				-			

+ .004 mm= "C"
100 / 0.41

/. mm= "C"

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
				DETERMINATION OF C					
	NEAR ROD				FAR ROD				
1	162	240	463 5	164 160 4	147	280	448 5	174 120 54	54M-4M=50M=0.20mm
2	143	135	444 5	145 141 4	158	231	459 5	185 131 54	54M-4M=50M=0.20mm
	305	375		8	305	511		108	
						040 mm		8	curvature Corr. = 0.40 mm
					305	471		100	
					305	375			
						0.96			

.010
~~.009~~ mm = "C"
100)0.960

F.B. 2441 PG. 192 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 10-31-72

INDEXED G.D. BAILEY DATE

WEATHER Sunny & Calm INST. NO. 96716

TIME 12:30 ROD NO. 1713AEB

NOTES CHKD. DATE

T-70°

76P52 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. Quasth
INDEXED L.R. [illegible]
DATE 10-24-72
DATE 20 NOV 72
WEATHER Clear-Breezy
TIME 10:05 - 11:20
NOTES CHK G.D. BAILEY
ROD NO. 13 [illegible]
INST. NO. 96116
DATE NOV 15 197[illegible]
T = 76°
F.B. 2441 Pg. 43

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM B.M. 111-32 TO B.M. 113-1
B.M. 111-32											B.M. 111-32
	293	090	594 5	302 / 284	18	16	742	317 5	25 / 7	18	ELIZABETH LAKE RD. & MUNZ RANCH RD
2	293	100	594 5	302 / 284	18 / 36	27	931	328 5	36 / 18	18 / 36	SEE F.B. 2437-44
3	287	893	588 5	296 / 278	18 / 54	21	880	322 5	30 / 12	18 / 54	
4	297	863	598 5	305 / 289	16 / 70	14	519	315 5	23 / 5	18 / 72	
5	288	342	589 5	297 / 279	18 / 88	31	292	332 5	40 / 22	18 / 90	R. SIEMANN
6	287	425	588 5	298 / 276	22 / 110	46	582	347 5	56 / 36	20 / 110	
7.	264	513	565 5	276 / 252	24 / 134	80	820	381 5	93 / 67	26 / 136	
8.	237	152	538 5	268 / 206	62 / 196	290	531	591 5	½ 296 / 262	56 / 192	ADDITION DIFF. OF B.M.'S IN LINE 111 IN F.B. 2437-181 TO 192
9.	7	302	308 5	½ 22 / 7	30 / 226	300	101	601 5	300 / 286	28 / 220	
10	7	318	308 5	½ 17 / 7	20 / 246	285	632	586 5	296 / 272	22 / 242	
11	12	130	313 5	22 / 2	20 / 266	292	480	593 5	301 / 283	18 / 260	
12	6	290	307 5	½ 17 / 6	22 / 288	287	810	588 5	298 / 276	22 / 282	
13	8	528	309 5	½ 19 / 8	22 / 310	298	560	599 5	½ 298 / 288	20 / 302	+ 2441.771
14	39	960	340 5	47 / 31	16 / 326	297	948	598 5	½ 297 / 285	24 / 326	- 4366.151
15	22	079	323 5	33 / 11	22 / 348	299	461	600 5	½ 299 / 285	22 / 348	~~0 75380~~
16.	13	850	314 5	25 / 7	24 / 372	289	198	590 5	302 / 276	26 / 374	- 1924.380
17	11	900	312 5	20 / 2	18 / 390	301	068	602 5	½ 301 / 280	22 / 396	
18	12	570	313 5	22 / 2	20 / 410	297	201	598 5	307 / 287	20 / 416	
19.	16	540 23	317 5	26 / 6	20 / 430	298	118	599 5	½ 298 / 288	20 / 436	B.M. 113-1
20	25	444	326 5	39 / 11	28 / 458	295	757	596 5	307 / 283	24 / 460	MUNZ RANCH RD. 0.55 NORTHERLY OF
21	8	499	309 5	½ 27 / 8	29 / 487	292	520	593 5	307 / 279	~~29 / 489~~ 26 / 486	JUNCTION WITH ELIZABETH LAKE RD.
B.M. 113-1	2441	771				4366	151				SEE F.B. 2441-129

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 113-1 TO BM 111-32
B.M. 113-1									B.M. 113-1
1.	297	169	598 5	1/2 297 / 285 24	45	351	346 5	57 / 33 24	MUNZ RANCH RD. 0.55 MI. NORTHERLY
2.	278	020	579 5	290 / 266 24 / 48	17	440	318 5	29 / 5 24 / 48	OF JUNCTION ELIZABETH LAKE RD.
3.	300	380	601 5	1/2 300 / 288 24 / 72	14	9~~4~~3 2	315 5	24 / 4 20 / 68	SEE F.B. 2441 - 129
4.	300	960	601 5	1/2 300 / 290 20 / 92	17	592	318 5	28 / 6 22 / 90	
5	294	122	595 5	304 / 284 20 / 112	24	837	325 5	35 / 13 22 / 112	
6	301	099	602 5	1/2 301 / 290 22 / 134	20	042	321 5	31 / 9 22 / 134	⊼ R. SIEMANN
7	299	071	600 5	1/2 299 / 288 22 / 156	12	183	313 5	23 / 1 22 / 156	
8.	289	867	590 5	300 / 278 22 / 178	35	508	336 5	47 / 23 24 / 180	
9.	299	868	600 5	1/2 299 / 288 22 / 200	21	450	322 5	31 / 11 20 / 200	
10.	300	657	601 5	1/2 300 / 289 22 / 222	16	330	317 5	27 / 5 22 / 222	
11	300	161	601 5	1/2 300 / 290 20 / 242	11	542	312 5	21 / 1 20 / 242	
12	298	900	599 5	1/2 298 / 288 20 / 262	27	393	328 5	37 / 17 20 / 262	
13	297	150	598 5	1/2 297 / 285 24 / 286	16	711	317 5	27 / 3 24 / 286	
14	296	622	597 5	1/2 296 / 277 38 / 324	89	098	390 5	108 / 78 38 / 324	
15	82	021	383 5	107 / 57 50 / 374	299	118	600 5	1/2 299 / 274 50 / 374	4342.871
16	19	940	320 5	38 / 8 22 / 396	293	745	594 5	304 / 282 22 / 396	2418.513
17	24	349	325 5	34 / 14 20 / 416	300	618	601 5	1/2 300 / 290 20 / 416	+1924.358
18.	8	088	309 5	1/2 18 / 8 20 / 436	297	630	598 5	306 / 288 18 / 434	
19.	4	638	305 5	1/2 13 / 4 18 / 454	268	578	569 5	276 / 260 16 / 450	
20.	28	550	329 5	37 / 19 18 / 472	300	027	601 5	1/2 300 / 290 20 / 470	
21.	21	239	322 5	29 / 13 16	288	388	589 5	297 / 279 18	
				488				488	
								488	
BM. 111-32								976	B.M. 111-32
	4342	871			24~~20~~ 18	513			MUNZ RANCH RD & ELIZABETH
	24~~18~~	513							LAKE RD
	+192~~4~~	358							SEE F.B. 2437-44

F.B. 2441 PG. 194

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

SURVEY BY G. E. DREIER NOTES T. OHASHI 10-30-72

INDEXED G. D. BAILEY DATE

WEATHER CLEAR - WINDY INST. NO. 96716

TIME 1:10 - ROD NO. 1713A & B

NOTES CHKD L. R. M. DATE 20 NOV

Tz 56°

76P52[illegible] CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM113-1 TO BM113-1A
BM113-1				65				282	BM 113-1
1	54	101	355 5	43 22	273	325	574 5	264 18	Muntz Ranch Rd., 0.55 mi. N'ly.
2	14	260	315 5	23 5 18	284	351	585 5	293 275 18	of junction with Elizabeth Lake Rd.
3	31	818 5	332 5	40 22 40 68	276	050	577 5	285 267 36 18	See F.B. 2441-130
4	39	759	340 5	49 29 102 58	263	070	564 5	273 253 54 20	
5	18	950	319 5	29 7 20 78 22	280	673	581 5	291 269 74 22	T-T. Ohashi
6	22	630	323 5	34 10 100 24	251	584	552 5	262 240 96 22	
7	39	180	340 5	50 28 124 22	266	082	567 5	281 251 118 30	
8	43	037	344 5	56 30 146 26	272	790	573 5	285 259 148 26	
9	14	900	315 5	23 5 172 18	281	245	582 5	290 272 174 18	
10	13	812	314 5	22 4 190 18	285	064	586 5	295 275 192 20	
~~BM113~~ 11	9	761	310 5	25 9½ 208 32	299	415	600 5	299 284½ 212 30	
12	22	730	323 5	36 8 240 28	285	413	586 5	299 271 242 28	
				268				270 268	
	324	935			3319	062		~~538~~ 538	
BM113-1A					324	935			
					2994	127			BM113-1A (U.S.C.&G.S. V-975, 1964) Muntz Ranch Rd., & 0.15 mi N'ly. of Culvert # 3.60 See F.B. 3724-179

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 10-24-72 TIME 11:25 to 12:15 WEATHER Sunny & Windy INST. NO. 96716

INDEXED [illegible] DATE 20 NOV 72 NOTES CHKD D. BAILEY DATE NOV 15 1972 ROD NO. 71345B

T-72

F.B. 2441 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.

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM BM 113-1A TO BM 113-1
BM 113-1A			297			48	BM 113-1A (U.S.C.&G.S. V-975, 1964)
1	283 926	584 5	269 28	34 583	335 5	20 28	Muntz Ranch Rd., 0.15 mi. N'ly.
			294½			21½	of Culvert 3.60
2	294 530	595 5	279½ 30	6 303	307 5	6½ 30	See F.B. 3724-179
			297 58			20½ 58	
3	285 085	586 5	273 24	10 186	311 5	10½ 20	
			300 82			37 78	
4	291 055	592 5	282 18	28 990	329 5	19 18	
			299½ 100			19½ 96	
5	299 885	600 5	286½ 26	4 446	305 5	4½ 30	X- T. Ohashi
			228 126			34 126	
6	213 650	514 5	198 30	20 100	321 5	6 28	
			293 156			22½ 154	
7	279 998	580 5	265 28	9 352	310 5	9½ 26	
			301 184			19½ 180	
8	289 511	590 5	277 24	7 100	308 5	7½ 24	
			297 208			22½ 204	
9	285 200	586 5	273 24	10 800	311 5	10½ 24	
			297 232			47 228	
10	289 805	590 5	281 16	39 090	340 5	31 16	
			293½ 248			30 244	
11	293 187	594 5	277½ 32	17 473	318 5	4 26	
			133 280			59 270	
12	132 281	433 5	131 2	55 451	356 5	51 8	
			282			278	
						282	
	3238 113			243 874		560	
	243 874						BM 113-1
BM 113-1	+2994 239						Muntz Ranch Rd. 0.55 mi. N'ly. of Junction with Elizabeth Lake Rd. See F.B. 2441-130

T-56°

WEATHER Sunny & Windy INST. NO. 96716

TIME 11:00 to 12:05 ROD NO. 1713 A&B

NOTES CHKD L.R.M. DATE 20 NOV '72

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 10-30-72

INDEXED G.D. BAILEY DATE

F.B. 2441 PG. 196

76P52[illegible] 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 CH[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 113 1A TO B.M. 113-2
B.M. 113-1A									B.M. 113-1A (U.S.C.&G.S. V975)
1	37	679	338 5	61 13 48	272	248	573 5	295 249 46	MUNZ RANCH RD. 0.0 MI. N. OF
									ELISABETH LAKE RD.
2	8	420	309 5	22 28 ½ 8 [illegible]	301	252	602 5	301 ½ 288 26	SEE F.B. 3724-179
								72	
3	8	032	309 5	18 76 ½ 8 20	299	601	601 5	299 ½ 288 22	
				96				94	
4	9	937	310 5	19 - 1 20	288	770	589 5	298 278 20	
				116				114	
5	16	477	317 5	26 6 20	269	539	570 5	279 259 20	π = MALDON
				136				134	
6	12	622	313 5	24 0 24	284	182	585 5	296 272 24	
				160				158	
7	23	220	324 5	35 11 24	279	358	580 5	291 267 24	
				184				182	
8	34	718	335 5	46 22 24	169	389	470 5	181 157 24	
				208				206	
B.M. 113-2								208	B.M. 113-2
	151	105			2164	339		414	MUNZ RANCH RD. 1.1 MI. N. OF
					151	105			ELISABETH LAKE RD.
					-2013	234			SEE F.B. 2441-130

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN

INDEXED L.R.M.

DATE 10-24-72 20 NOV 72

DATE

WEATHER WINDY

TIME 1:30 TO 2:00

NOTES CHKD D. BAILEY

INST. NO. 96716

ROD NO. 1713AB

DATE NOV 15 1972

T = 78°

F.B. 2441 PG. 197

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2441 PG. 198 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-30-72

INDEXED G.D. BAILEY DATE

T = 56°

WEATHER VERY WINDY INST. NO. 96716

TIME 10:30 TO ROD NO. 713 A&B

NOTES CHKD L. R. M. DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M.113-2 TO B.M.113-1A
B.M.113-2									B.M.113-2
1	201	809	502	5 216 186 30	5	441	306	5 20 5 30	MUNZ RANCH RD. 1.1 MI. N. OF
									ELISABETH LAKE RD. CULVERT T=3.26
2	298	319	599	5 298 284 28	7	471	308	5 20 7 26	SEE F.B. 2441-130
				58				56	
3	297	727	598	5 308 286 22	15	928	316	5 26 4 22	
				80				78	
4	299	983	600	5 299 288 22	5	557	306	5 15 5 20	
				102				98	
5	286	177	587	5 295 277 18	30	447	331	5 39 21 18	
				120				106	T = MALDONADO
6	283	8~~8~~7	584	5 292 274 18	23	363	324	5 34 12 22	
				138				138	
7	293	136	594	5 306 280 26	41	565	342	5 55 27 28	
				164				166	
8	222	676	523	5 241 203 38	40	649	341	5 58 22 36	
				202				202	
B.M.113-1A								202	B.M.113-1A (U.S.C.&G.S. V-975)
	2183714				170421			404	MUNZ RANCH RD. 1.0 MI. N. OF
	170421								ELISABETH LAKE RD.
	+2013293								SEE F.B. 3724-179

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 T = 76°
SURVEY BY G.E. DREIER WEATHER WINDY INST. NO 96716
NOTES BY SIEMANN DATE 10-24-72 TIME 2:00 TO 2:50 ROD NO 1713AB
INDEXED R.M. DATE 20 NOV 72 NOTES CHKD G.D. BAILEY DATE NOV 15 1972
F.B. 2441 PG. 199

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M.113-2 TO B.M.113-2A
B.M.113-2									B.M.113-2
1	18	781	319 5	23 13 10	193	772	494 5	198 188 10	MUNZ RANCH RD. 1.1 MI. N. OF ELISABETH LAKE RD. CULVERT #3.26
2	18	427	319 5	30 6 24 34	297	439	598 5	297 284 26 36	SEE F.B. 2441-130
3	13	658	314 5	24 2 22 56	266	164	567 5	278 254 24 60	
4	10	416	311 5	22 -2 24 80	237	772	538 5	250 224 26 86	
5	18	652	319 5	32 4 28 108	271	859	572 5	282 260 22 108	
6	5	009	306 5	16 5 22 130	257	703	558 5	268 246 22 130	
7	6	636	307 5	19 6 26 156	296	660	597 5	296 282 28 158	
8	11	669	312 5	24 -2 [illegible] 182	267	912	568 5	280 254 26 184	π = MALDONADO
9	8	278	309 5	19 8 22 204	294	922	595 5	305 283 22 206	
10	3	222	304 5	12 3 18 222	287	763	588 5	296 278 18 224	
11	4	707	305 5	16 4 24 240	285	089	586 5	298 272 26 250	
12	5	599	306 5	18 5 26 272	294	198	595 5	306 282 24 274	
13	23	900	324 5	33 13 20 292	262	309	563 5	272 252 20 294	
14	4	439	305 5	17 4 26 318	287	070	588 5	299 275 24 318	
15	30	042	331 5	40 20 20 338	272	801	573 5	282 262 20 338	
16	102	933	403	108 96 12 350	118	588	419	124 112 12 350	
B.M.113-2A								350	B.M.113-2A (U.S.C. & G.S. T-1221)
	286	368			4192	024		700	MUNZ RANCH RD. & AQUADUCT
					286	368			SEE F.B. 3724-182
					3905	653			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 113-2A TO B.M. 113-2
B.M. 113-2A							B.M. 113-2A (U.S.C.&G.S. T-1221)
1	270 922	571 5	286 / 254 32	10 302	311 5	1/2 24 / 10 28	MUNZ RANCH RD. & AQUADUCT
							SEE F.B. 3724-182
2	293 457	594 5	304 / 282 22 / 54	4 777	305 5	1/2 16 / 4 24 / 52	
3	299 958	600 5	1/2 299 / 286 26 / 80	5 988	306 5	1/2 18 / 5 26 / 78	
4	300 312	601 5	1/2 300 / 288 24 / 104	7 391	308 5	1/2 19 / 7 24 / 102	
5	298 925	599 5	1/2 298 / 286 24 / 128	3 692	304 5	1/2 13 / 3 20 / 122	
6	263 038	564 5	270 / 256 14 / 142	88 658	389 5	95 / 81 14 / 136	
7	265 970	566 5	276 / 254 22 / 164	14 408	315 5	24 / 4 20 / 156	
8	264 226	565 5	273 / 255 18 / 182	25 577	326 5	38 / 12 26 / 182	π = MALDONADO
9	301 488	602 5	1/2 301 / 288 26 / 208	14 710	315 5	28 / 0 28 / 210	
10	291 460	592 5	303 / 279 24 / 232	13 272	314 5	25 / 1 24 / 234	
11	295 352	596 5	306 / 284 22 / 254	39 943	340 5	50 / 28 22 / 256	
12	258 758	559 5	270 / 246 24 / 278	58 923	359 5	70 / 42 24 / 280	
13	288 974	589 5	301 / 275 26 / 304	26 140	327 5	39 / 13 26 / 306	
14	297 528	598 5	308 / 286 22 / 326	20 218	321 5	32 / 8 24 / 330	
	3790368			33 3999			
15	299 442	600 5	1/2 299 / 290 18 / 344	50 075	351 5	57 / 43 14 / 344	
B.M. 113-2						344	
	4289810			384074		688	B.M. 113-2
	384074						MUNZ RANCH RD. 1.1 MI. N.O.
	+3905736						ELISABETH LAKE RD. CULVERT #3.26

F.B. 2441 PG. 200 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-27-72

INDEXED G.D. BAILEY DATE

WEATHER WINDY, OVERCAST INST. NO. 96716

TIME 2:30 TO ROD NO. 1713A&B

NOTES CHKD L. R. M. DATE 20 NOV '72

T = 66°

76P525 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
									FROM B.M.113-2A TO B.M.113-3A
B.M.113-2A									B.M.113-2A (U.S.C.&G.S. T-1221 1971)
1	26	992	327 5	36 16 20	278	191	579 5	288 268 20	MUNZ RANCH RD. & AQUADUCT
									SEE F.B.3724-182
2	21	354	322 5	30 12 18	181	582	482 5	190 172 18	
				38				38	T = MALDONADO
3	97	160	398 5	102 92 10	238	567	539 5	243 239 10	
				48				48	
B.M.113-3A								48	MJ-67 B.M.113-3A (ST. DEPT. WATER RESOURCES)
	145	506			698	340		96	MUNZ RANCH RD. N. OF AQUADUCT
					145	506			SEE F.B.3724-184
				-	552	834			

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

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

NOTES BY SIEMANN DATE 10-24-72 TIME 2:50 TO ROD NO. 1713 AB

INDEXED E.R.M. DATE 20 NOV 72 NOTES CHKD. G.D. BAILEY DATE NOV 15 1972

F.B. 2441 PG. 201

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2441 PG. 202 | JOB NO 0301.02

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

SURVEY BY DREIER NOTES SIEMANN 10-27-72

INDEXED G. D. BAILEY DATE

WEATHER WINDY, OVERCAST. NO 96716

TIME 2:20 TO 2:30 ROD NO 713 A B

NOTES CHKD L. R. M. DATE 20 NOV '72

T = 66°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 113-3A TO B.M. 113-2A
B.M. 113-3A									B.M. 113-3A (ST. DEPT. WATER RESOURCES M3-67)
1	92	621	393 5	105 79 26	121	701	422 5	134 108 26	MUNZ RANCH RD. & N. OF AQUEDUCT.
									SEE F.B. & 3724-184
2	296	661	597 5	310 284 26	91	00	310 5	21 24	
				292 52				-3 50	
3	282	938	583 5	272 20	21	823	322 5	31 11 20	
				72				70	π = MALDONADO
4	184	350	485 5	191 177 14	151	040	452 5	158 144 14	
				86				84	
B.M. 113-2A								86	B.M. 113-2A (U.S.C.&G.S. T-1221 1971)
	856	570			303	664		180	MUNZ RANCH RD. & AQUEDUCT.
	303	664							SEE F.B. 3724-182
	+552	906							

76P5[illegible]6 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM.113-3A TO B.M.113-4
BM.113-3A									B.M.113-3A (STATE WATER RESOURE M3-67)
	30	539	331 5	½ 50 30 40	299	030	600 5	½ 299 281 36	MUNZ RANCH RD. & CALIF. STATE WATER
2	3	621	304 5	½ 12 3 18 58	294	009	595 5	305 283 22 58	AQUADUCT
3	42	321	343 5	52 32 20 78	300	725	601 5	½ 300 289 22 80	SEE F.B.
4	17	320	318 5	28 6 22 100	266	109	567 5	277 255 22 102	R. SIEMANN
5	17	009	318 5	31 3 28 128	288	630	589 5	303 273 30 132	
6	4	045	305 5	½ 19 4 30 158	297	012	598 5	½ 297 283 28 160	
7.	15	650	316 5	½ 34 15 38 196	298	051	599 5	½ 298 280 36 196	
8	15	613	316 5	½ 34 15 38 234	283	683	584 5	302 264 38 234	
9	3	842	304 5	½ 26 3 46 280	299	908	600 5	½ 299 276 46 280	
10.	17	359	318 5	½ 40 17 46 326	295	360	596 5	½ 295 272 46 326	
11	31	960	332 5	49 13 36 362	300	281	601 5	½ 300 284 32 358	
12.	6	799	307 5	½ 21 6 30 392	300	168	601 5	½ 300 284 32 390	
13.	58	462	359 5	68 48 20 412	223 ~~301~~	964 ~~468~~	524 ~~602~~ 5	232 ~~301~~ 241 ~~291~~ 2 ~~408~~	
14.	64	829	365 5	67 61 8 420	207	673	508 5	210 204 6 414 420	
B.M. 13-4									B.M.113-4
	329	369			3954	603		834	MUNZ RANCH RD. 2.1 MI. NORTHERLY OF JUNCTION OF ELIZABETH LAKE RD.
					329	369			SEE F.B. 2441-132
					3625	234			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 10-25-72
INDEXED L.R.M. DATE 20 NOV '72
WEATHER CLEAR T=68°
TIME 10:10-11:00
NOTES CHK'D G.D. BAILEY DATE NOV 15 1972
INST. NO. 96716
ROD NO. 713A&B
F.B. 2441 PG. 203

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. 96716 ROD NO. 113A&B DATE 20 NOV 72

WEATHER OVERCAST T=64° TIME 1:15 - NOTES CHKD. L. R. W.

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

SURVEY BY G.E. DEREK NOTES T. OHASHI 10-27-72

INDEXED G.D. BAILEY DATE

F.B. 2441 PG. 204

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 113-4 TO B.M. 113-3A
B.M. 113-4													B.M. 113-4
1	286	488	587	5	289 / 283	6	112	448	413	5	116 / 108	8	MUNZ RANCH RD., 2.1 MI. NORTHERLY
2	300	288	601	5	1/2 300 / 285	30 / 36	7	931	308	5	1/2 21 / 7	28 / 36	OF JUNCTION ELIZABETH LAKE RD.
3	292	751	593	5	305 / 279	26 / 62	36	711	337	5	49 / 23	26 / 62	SEE F.B. 2441-132
4	289	208	590	5	1/2 289 / 266	46 / 108	13	493	314	5	1/2 41 / 13	56 / 118	
5	301	565	602	5	1/2 301 / 275	52 / 160	28	980	328	5	47 / 7	40 / 158	R. SIEMANN
6	300	322	601	5	1/2 300 / 279	42 / 202	16	960	317	5	1/2 38 / 16	44 / 202	
7	301	233	602	5	1/2 301 / 283	36 / 238	38	441	339	5	54 / 22	32 / 234	
8	299	358	600	5	1/2 299 / 285	28 / 266	7	749	308	5	23 / 7	32 / 266	
9	300	999	601	5	1/2 300 / 284	32 / 298	7	418	308	5	1/2 23 / 7	32 / 298	
10	297	234	598	5	1/2 297 / 283	28 / 326	7	350	308	5	1/2 20 / 7	26 / 324	
11	298	278	599	5	1/2 298 / 287	22 / 348	40	903	341	5	51 / 29	22 / 346	
12	298	035	599	5	1/2 298 / 287	22 / 370	55	438	356	5	64 / 46	18 / 364	
13	286	218	587	5	298 / 274	24 / 394	20	281	321	5	34 / 6	28 / 392	
14	269	402	570	5	280 / 258	22 / 416	102	919	403	5	114 / 90	24 / 416 / 416	
B.M. 113-3A													B.M. 113-3A (WATER RESOURCES M3-67)
	4121	379					496	022				832	MUNZ RANCH RD & CALIF. STATE
	496	022											WATER AQUEDUCT
	+3625	357											SEE F.B.

76P525 CE # 308 3-61

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

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 113-4 TO B.M. 113-5
B.M. 113-4													B.M. 113-4
1	127	988	428	5	½ 141/127	28	271	251	572	5	284/258	26	MUNZ RANCH RD. 2.1 MI. NORTHERLY
2	6	769	307	5	½ 21/6	30/58	301	190	602	5	½ 301/284	34/60	FROM JUNCTION OF ELIZABETH LAKE RD.
3	9	930	310	5	½ 36/9	54/112	296	760	597	5	½ 296/274	44/104	SEE F.B. 2441-132
4	11	012	312	5	½ 32/11	42/154	301	211	602	5	½ 301/280	42/146	⊼ R. SIEMANN
5	7	222	308	5	½ 27/7	40/194	293	350	594	5	½ 293/266	54/200	
6	12	020	313	5	½ 32/12	40/234	298	810	599	5	½ 298/280	36/236	
7.	26	451	327	5	46/6	40/274	269	248	570	5	290/248	42/278	
8	62	809	363	5	82/42	40/314	260	741	561	5	279/241	38/316	
9.	96	700	397		106/86	20/334	44	763	345	5	53/35	18/334	
B.M. 113-5												334	B.M. 113-5
	360	901					2337	324				668	MUNZ RANCH RD. 0.4 MI. ENO. B.M. 113-4
							360	901					BY POWER LINE CROSSING.
							1976	423					SEE F.B. 2441-133

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 10-25-72
INDEXED L. R. M. DATE 20 NOV 72
WEATHER CLEAR
TIME 11:00 - 11:45
NOTES CHKD D. BAILEY
INST. NO. 96716
ROD NO. 1713A&B
NOV 15 1972
T=70°
F.B. 2441 PG. 205

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM B.M. 113-5 TO B.M. 113-4
B.M. 113-5									B.M. 113-5
1	207 145	508 5	240 / 174	66	49 140	350 5	81 / 17	64	MUNZ RANCH RD. 0.4 MI. NO. B.M. 113-4
									BY POWER LINE CROSSING
2	288 620	589 5	306 / 270	36	4 261	305 5	1/2 25 / 24	42	SEE F.B. 2441-133
				102				106	
3	283 390	584 5	299 / 267	32	56 620	357 5	70 / 42	28	
				134				134	⊼ R. SIEMANN
4	289 301	590 5	1/2 289 / 270	38	41 886	342 5	60 / 22	38	
				172				172	
5.	286 192	587 5	306 / 266	40	10 195	311 5	1/2 30 / 10	40	
				212				212	
6.	288 658	589 5	1/2 288 / 268	40	40 842	341 5	60 / 20	40	
				252				252	
7.	291 208	592 5	1/2 291 / 265	52	20 531	321 5	41 / -1	42	
				304				294	
8.	299 201	600 5	1/2 299 / 287	24	32 023	333 5	1/2 49 / 32	34	
				328				328	
9.	168 768	469 5	169 / 167	2	170 462	471 5	171 / 169	2	
				330				330	
B.M. 113-4								330	B.M. 113-4
	2402 483				525 960			660	MUNZ RANCH RD. & CULVERT # 2.30
	4525 960								SEE F.B. 2441-132
+	1976 523								

F.B. 2441 PG. 206

JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET.

SURVEY BY G.E. DREIER NOTES T. OHASHI 10-27-

INDEXED G.D. BAILEY DATE

WEATHER OVERCAST T=60°

TIME 11:25-

NOTES CHKD L. R. M.

INST. NO. 96716

ROD NO. 1713 A&B

DATE 20 NOV '72

76P5[illegible] 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 G.E. Dreier DATE 10-25-72 WEATHER Sunny & Bc INST. NO. 96716
NOTES BY Maldonado TIME 1:10 to 2:00 ROD NO. 1713 A&B
INDEXED L.R.M. DATE 20 NOV '72 NOTES CHKD. BAILEY NOV 15 1972
T-69°
F.B. 2441 Pg. 207

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											From BM113-5 To BM113-6
BM113-5				24					219		BM113-5 (U.S.F.S. RESERVE
1	17	130	318 5	10	14	212	429	513 5	205	14	BOUNDARY POST No. 80
				48					298		Muntz Ranch Rd. & 1905)
2	25	840	326 5	2	46	298	423	599 5	275½	46	P.P. #294508E @ Power Line Crossing
				54½	60				197	60	See F.B. 2441-133. of Road.
3	21	490	322 5	21½	66	163	560	464 5	129	68	
				81	126				282½	128	
4	48	820	349 5	15	66	282	275	583 5	250½	64	T. T. Ohashi
				37	192				268	192	
5	26	960	327 5	15	22	257	172	558 5	246	22	
				31½	214				232	214	
6	7	728	308 5	7½	48	204	212	505 5	176	56	
				96	262				276	270	
7	63	350	364 5	30	66	244	150	545 5	212	64	
				91	328				272	334	
8	58	030	359 5	25	66	238	775	539 5	204	68	
				46½	394				290½	402	
9	21	232	222 5	21½	50	290	708	591 5	269½	42	
					444					444	
										444	
	290580					2191 704				888	
						290 580					
						1901 124					
BM113-6											BM113-6
											Muntz Ranch Rd., ~~0.5~~ 0.05 mi. E'ly of
											Culvert 1.55
											See F.B. 2441-134

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2441 PG. 208 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 10-27-72

INDEXED G. D. BAILEY DATE

WEATHER Overcast INST. NO. 96716

TIME 10:25 to 11:25 ROD NO. 713948

NOTES CHKD. L. R. M. DATE 20 NOV 72

T-59°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 113-6 TO BM 113-5
BM 113-6									BM 113-6
1	291	485	592 5	291, 270½ 42	43	731	344 5	64 22 42	Muntz Ranch Rd., 0.05 mi. Ely.
2	266	345	567 5	303 229 74	1 67	903	362 5	97 25 72	of Culvert 1.55
3	250	008	551 5	287 116 213 74	58	035	359 5	94 22 114 72	See F.B. 2441-134
4	203	440	504 5	228 190 178 50	8	262	309 5	31, 8½ 186 46	T - T. Ohashi
5	294	870	595 5	294, 280½ 240 28	12	869	313 5	31, 12½ 232 38	
6	290	770	591 5	290, 249½ 268 82	3 98	030	394 5	133 53 270 80	
7	252	880	553 5	282 222 350 60	5	947	306 5	351, 5½ 350 60	
8	248	731	549 5	263 233 410 30	85	720	386 5	100 70 410 30	
9	295	413	596 5	297 293 440 4	122	820	423 5	124 120 440 4	
				444				444	
								444	
	2393	942			492	317		888	
	492	317							
BM 113-5	1901	625							

BM 113-5 (U.S.F.S. RESERVE Boundary Post No. 80 1905)
Muntz Ranch Rd. &
P.P. #294508E @ Power Line Crossing of road.
See F.B. 2441-133

76P525 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 10-31-72
INDEXED L.R.M. DATE 20 NOV '72
WEATHER Sunny & Calm
TIME 12:30 to 1:20
NOTES CHECKED D.D. BAILEY
INST. NO. 96716
ROD NO. 1713A&B
NOV 15 1972
T-70°
F.B. 2441 Pg. 209

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS
											FROM BM 113-5 TO BM 113-6
BM 113-5											BM 113-5 (U.S.F.S. RESERVE
	6 ~~7~~	978	307 5	12 1/2 6 1/2	12	220	387	521 5	227 213	14	BOUNDARY POST No. 80 1905)
											Muntz Ranch Rd., & P.P. # 294508E
	23	373	324 5	46 1/2 23 1/2	46	272	258	573 5	296 248	48	@ Power Line crossing of road.
											See F.B. 2441-133
3	37	480	338 5	70 4	58 66	171	480	472 5	202 140	62 62	
4	9 ~~8~~ 1	010	392 5	116 66	124 50	265	208	566 5	291 239	124 52	T- T. Ohashi
5	15	480	316 5	35 1/2 15 1/2	174 40	294	155	595 5	294 1/2 278 1/2	176 32	Re-Run
6	24	124	325 5	40 8	214 32	211	059	512 5	230 192	208 38	
7	76	205	377 5	112 40	246 72	251	629	552 5	286 216	246 70	
8	54	860	355 5	90 18	318 72	247	844	548 5	282 212	316 70	
9	60	689	361 5	80 40	390 40	288	845	589 5	288 1/2 265 1/2	386 46	
10	83	312	384 5	90 76	430 14	151	770	452 5	156 146	432 10	
					444					442	
										444	
	473	511				2374	635			886	
BM 113-6						473	511				BM 113-6
						1901	124				Muntz Ranch Rd., 0.05 mi. E'ly of Culvert # 1.55
											See F.B. 2441-134

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 113-6 TO BM 113-5
BM 113-6	42								BM 113-6
1	240	620	541 5	254 226 28	50	560	351 5	64 36 28	Muntz Ranch Rd., 0.05 mi.
2	284	282	585 5	284½ 249½ 70	51	000	352 5	86 16 70	E'ly. of Culvert #1.55 See F.B. 2441-134
3	24~~3~~2	995	543 5	278 206 98 72	54	240	355 5	88 20 98 68	
4	194	790	495 5	217 171 170 46	84	080	385 5	109 59 166 50	T- T. Ohashi
5	288	608	589 5	288½ 272½ 216 32	12	700	313 5	28½ 12½ 216 32	Re-Run
6	291	688	592 5	291½ 269½ 248 44	4~~6~~5	988	346 5	68 22 248 46	
	1542	983			29[illegible]	528			
7	224	093	525 5	262 186 292 76	99	310	400 5	136 62 294 74	
8	274	010	575 5	299 249 368 50	48	787	349 5	72 24 368 48	
9	290	295	591 5	300 280 418 20	31	650	332 5	39 23 416 16	
10	173	492	474 5	174 172 438 2	125	365	426 5	129 121 432 8	
				440				440	
								440	
	2504	873			603	680		880	
	603	680							BM 113-5 (U.S.F.S. RESERVE BOUNDARY POST No. 80 1905)
	+1901	193							Muntz Ranch Rd. & P.P. # 294508E
BM 113-5									@ Power Line Crossing of road. See F.B. 2441-133

T-70°

WEATHER Sunny & Calm INST. NO. 96716

TIME 1:20 to 2:15 ROD NO. 17B A&D

NOTES CHKD. L. R. M. DATE 20 NOV '72

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 10-31-72

INDEXED G. D. BAILEY DATE

F.B. 2441 PG. 210

76P525 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 10-25-72
INDEXED L.R.M. DATE 20 NOV
WEATHER Sunny & Br. INST. NO. 96716
TIME 2:00 to ROD NO. 1713A&B
NOTES CHKD. D. BAILEY DATE NOV 15 1972
T-72°
F.B. 2441 PG. 211

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS
											FROM BM 113-6 TO BM 113-7
BM 113-6											BM 113-6
	42	040	343 5	53 31	22	225	656	526 5	236 214	22	Muntz Ranch Rd., 0.05 mi. E'ly. of
2	95	400	396 5	128 62	66	236	597	537 5	269 203	66	Culvert 1.55
3	48	660	349 5	72 24	88 48	259	687	560 5	282 236	88 46	See F.B. 2441-134
4	22	890	323 5	43½ 22½	136 42	245	571	546 5	264 226	134 42	
5	35	838	336 5	64 6	178 58	183	657	484 5	211 155	176 56	T- T. Ohashi
6	83	660	384 5	108 58	236 50	213	644	514 5	242 184	232 58	
7	114	882	415 5	134 94	286 40	226	175	527 5	245 207	290 38	
8	x 13	408	314 5	29½ 13½	326 32	290	582	591 5	290 274½	328 32	
9	24	660	325 5	40 8	358 32	234	940	535 5	250 218	360 32	
10	98	995	399 5	117 79	390 38	266	632	567 5	284 245	392 ~~42~~	42 J.M.M.
					428					~~434~~ 434 428	
	580	433				2383	141			~~859~~ 862	
						580	433				
						1802	708				
BM 113-7											BM ~~111~~ 113-7
											Muntz Ranch Rd., & 60 Ft. ± E'ly. of dirt road with wooden arch marked Roland Heights.
											See F.B. 2441-135

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 113-7 TO BM ~~113~~ 113-6
BM 113-7									BM 113-7
1	295	875	596 5	295 1/2 / 264 1/2 62	3	340	304 5	32 1/2 / 3 1/2 58	Muntz Ranch Rd., & 60 Ft.± E'ly. of dirt road with wooden arch marked ROLAND HEIGHTS. See F.B. 2441-135
2	298	370	599 5	298 1/2 / 282 1/2 32 / 94	9	801	310 5	26 1/2 / 9 1/2 34 / 92	
3	291	501	592 5	291 1/2 / 266 1/2 50	104	254	405 5	129 / 79 50	
4	234	257	535 5	271 / 197 144 / 74	57	002	358 5	94 / 20 142 / 74	
5	223	390	524 5	252 / 194 218 / 58	12	681	313 5	41 1/2 / 12 1/2 216 / 58	T. Ohashi
6	296	820	597 5	296 1/2 / 272 1/2 276 / 48	40	477	341 5	64 / 16 274 / 48	
7	286	252	587 5	286 1/2 / 250 1/2 324 / 72	114	780	415 5	150 / 78 322 / 72	
8	226	255	527 5	241 / 211 396 / 30	7	510	308 5	24 1/2 / 7 1/2 394 / 34	
				446 1/2				428 1/2 / 446	
	2152	720			349	845		854	
	349	845							
	+1802	875							
BM 113-6									BM 113-6 Muntz Ranch Rd., 0.05 mi. E'ly. of Culvert 1.55 See F.B. 2441-134

F.B. 2441 PG. 212

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 10-27-72

INDEXED G. D. BAILEY DATE

WEATHER Overcast INST. NO. 96716

TIME 9:55 to 10:25 ROD NO. 1713A&B

NOTES CHKD [illegible] DATE 29 NOV '72

T-58°

76P52[illegible] 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 G.E. DREIER DATE 10-26-72 WEATHER WINDY OVERCAST INST. NO 7676

NOTES BY SIEMARK TIME 1:10 TO 1:25 ROD NO 7/3A B

INDEXED L.L. DATE 20 NOV 72 NOTES CHECKED NOV 15 1972 DAVID BAILEY

T = 64°

F.B. 2441 Pg 2,13

STATION	BACKSIGHT Right	Mic.	Left	Mic.	Stadia	FORESIGHT Right	Mic.	Left	Mic.	Stadia	DESCRIPTION AND REMARKS From B.M. 113 - 7 To B.M. 113 - 8
B.M. 113 - 7											B.M. 113 - 7
1	140	628	441	5	161 119 42	164	978	465	5	185 143 42	MUNZ RANCH RD. 0.1 MI. N.E. OF CULVERT # 0.97
2	74	952	375	5	97 51 46 88	223	842	524	5	246 200 46 88	SEE F.B. 2441 - 135
3	52	863	353	5	78 26 52 140	194	921	495	5	220 168 52 140	
4	83	287	384	5	108 58 50 190	249	830	550	5	274 224 50 190	
5	10	869	311	5½	32 10 44 234	268	241	569	5	291 245 46 236	π = MALOONADO
6	74	550	375	5	97 51 46 280	219	362	520	5	242 196 46 282	
7	103	702	404	5	116 90 26 306	184	129	485	5	196 172 24 306	
B.M. 113 - 8										306	B.M. 113 - 8
	540	851				1505	303			612	MUNZ RANCH RD. & HO# 45715
						540	851				SEE F.B. 2441 - 136
						964	452				

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 113-8 TO B.M. 113-7
B.M. 113-8									B.M. 113-8
1	209	390	510 5	235 5 183 ~~4~~2	57	732	358 5	84 30 54	MUNZ RANCH RD. & HO. # 45 715 SEE F.B. 2441-136
2	241	630	542 5	268 214 54 106	12	667	313 5	1/2 38 12 52 106	
3	282	328	583 5	309 255 54 160	54	258	355 5	80 28 52 158	
4	220	619	521 5	248 192 56 216	62	232	363 5	89 35 54 212	
5	264	089	565 5	293 235 58 274	60	482	361 5	88 32 56 268	π = MALDONADO
6	180	367	481 5	194 166 28 302	186	739	487 5	206 166 40 308	
B.M. 113-7								302 610	B.M. 113-7 MUNZ RANCH RD. 0.1 MI. N.E. OF CULVERT # 0.97 SEE F.B. 2441-135
	1398	4~~2~~3			434	1 ~~08~~ 10			
	434	1~~08~~ 10							
	+ 964	~~295~~ 313							

T = 58°

WEATHER WINDY, OVERCAST INST. NO. 96716

TIME 2:30 TO 4 P.M. ROD NO. 1713AB

NOTES CHKD. [illegible] DATE 20 NOV 72

F.B. 2441 PG. 214

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-26-72

INDEXED G.D. BAILEY DATE

76P52[illegible] 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 CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.113-8 TO B.M. 102-29
B.M.113-8									B.M.113-8
1	102	164	403 5	114 90 24	198	722	499 5	210 186 24	MUNZ RANCH RD. & HO. # 45715
									SEE F.B. 2441-136
2	73	491	374 5	99 47 52	223	317	524 5	248 198 50	
				76				74	
3	71	757	372 5	93 49 44	225	679	526 5	247 203 44	
				120				118	
4	53	488	354 5	81 25 56	237	062	538 5	266 208 58	
				176				176	
5	64	290	365 5	92 36 56	227	041	528 5	254 200 54	π = MALDONADO
				232				230	
6	76	301	377 5	101 51 50	235	069	536 5	260 210 50	
				282				280	
7	117	890	418 5	144 90 54	62	600	363 5	89 35 54	
				336				334	
8	249	175	550 5	262 236 26	28	831	329 5	41 15 26	
				362				360	
~~B.M.102-29~~ 9	170	898	471 5	175 165 10	97	440	398 5	101 93 8	B.M.102-29
				372				368	LANCASTER RD. & MUNZ RANCH RD.
B.M.102-29								372	SEE F.B. ~~2441~~ 2412-34
	979	454			1535	761		740	
					979	454			
					556	307			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 60°
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 10-26-72 WEATHER WINDY OVERCAST INST. NO 96716
INDEXED L. K. M. DATE 20 NOV 72 TIME 1:30 TO 1:50 ROD NO 1713AB
NOTES CHKD D. BAILEY DATE NOV 15 1972

F.B. 2441 PG. 215

F.B. 2441 PG. 216

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-26-72

INDEXED G. D. BAILEY DATE

WEATHER WINDY T = 60°

TIME 2:00 PM

NOTES CHKD

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 102-29 TO B.M. 113-8
B.M. 102-29									B.M. 102-29
1	22	810	323 5	32 12 20	248	598	549 5	258 238 20	LANCASTER RD. & MUNZ RANCH RD. SEE F.B. 2412-34
2	21	741	322 5	47 21 52 72	204	952	505 5	228 180 48 68	
3	245	237	546 5	270 220 50 122	98	822	399 5	122 74 48 116	
4	241	833	542 5	267 215 52 174	79	940	380 5	104 54 50 166	
5	221	529	522 5	247 195 52 226	64	177	365 5	89 39 50 216	π = MALDONADO
6	240	431	541 5	266 214 52 278	63	542	364 5	89 37 52 268	
7	204	341	505 5	225 183 42 320	81	287	382 5	106 56 50 318	
8	208	152	509 5	224 192 32 352	90	889	391 5	106 74 32 350	
9	143	362	444 5	144 138 6 358	61	032	362 5	66 56 10 360	
B.M. 113-8								358	B.M. 113-8
	1549	436			993	239		718	MUNZ RANCH RD. & HO 45715 SEE F.B. 2441-136
	993	239							
	+556	197							

(FOR ADDITTIONAL B.M. DIFF. IN ELEV. SEE F.B. 4130 — LINE 102)