Notes Ck'd by	Survey of L.A.Co. Precise Level Net F. B. 2862 PG.
Map No.	JN 03 01 02 Tape Std °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

BOOK INDEX

F.B. 2862 PAGE

LINE No. 31 DIFF. IN ELEV. 1961 5 TO 62

LINE NO 212 B.M. DESCRIPTIONS 1973 63 TO 188

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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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[redacted] microfilmed. Branch &

76F309S CE#310 3-69

Notes Ck'd by	Survey of
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by A.C. Guizado
Checked	Notes A.C.G. Date 8-61
Date	Indexed H. E. OTT AUG 29 '61

F. B. 2862 PG. 5

JOB NO 0301.02

LINE NO 31

FOR DESCRIPTIONS SEE FB 1397-5 to 30

Guizado	A.C.
LeGault	D
Goble	A.L.
Cook	G.E.
Rangel	I.T.

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76F309S S&E #247 11-58

F. B. 2862 PG 6

A WILD N3 PRECISE LEVEL WAS USED TO OBTAIN THE DIFFERENCE IN ELEVATION BETWEEN BENCH MONUMENTS, WITH A SET OF WILD METRIC RODS AND TURNING PLATES LEVEL SER# N3-75234 Rod NOS 95 & 96

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76P526B CE # 308 8-59

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM TBM (1) TO BM 4-22
TBM (1)									TBM (1)
1	166	004	467 5	184 / 148 36	169	481	470 5	187 / 150 37	Slauson Ave & Atlantic Blvd SE COR, spk in Ld, 10' E. of E and CL
2	144	856	445 5	167 / 121 46	162	473	463 5	185 / 139 46	FB 2829 pg 73-74
3	139	853	440 5	162 / 116 46	215	519	516 5	238 / 192 46	
									⊼ D. LeGault
Total	450	713		128	547	473		129	
Diff in					450	713		128	
Elev					96	760		257	Meters
BM 4-22									BM 4-22 (BELL B-2 1937) Slauson Ave & 230' E. of King Ave See FB 1205-27

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

SURVEY BY A.C. Guizado

NOTES BY G.E. Cook DATE 8-3-61

WEATHER Pleasant TIME 10 - 10 10 15

INST. NO. N3 75238

ROD NO. 7596

INDEXED H.E. Ott DATE AUG 29 '61

NOTES CHKD [illegible] DATE 9/14/61

F.B. 2862 PG. 7

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 4-22 TO TBM (1)
BM 4-22													BM 4-22 (BELL B-2 1937)
1	192	915	493	5	216 / 170	46	135	323	436	5	158 / 112	46	Slauson Ave & 230' E. of King Ave
													SEE FB 1205-27
2	183	235	484	5	206 / 160	46	141	019	442	5	164 / 118	46	
3	157	009	458	5	175 / 139	36	160	753	461	5	178 / 142	36	
Total	533	159				128	437	095				128	
Diff in	437	095										128	
Elev	96	064										256	Meters
TBM (1)													TBM (1)
													Slauson Ave & Atlantic Blvd
													SE cor Spk in Ld, 10' E. of Eend ck
													SEE FB 2829 pg 73-74

F.B. 2862 PG. 8

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACC NOTES GEC

INDEXED H. E. OTT DATE AUG 29 '61

JOB NO. 0301.0

WEATHER @ Vercost INST. NO. N5 75234

TIME 1015 to 1030 ROD NO. 25896

NOTES CHKD WJM DATE 9/14/61

76P526B CE # 308 8-59

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ReRun

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM TBM (1) TO BM 4-22
TBM (1)									TBM (1)
1	157	921	458 5	375 139 36	157	310	458 5	175 138 37	Slauson AVE & Atlantic Blvd
									SE cor, spk in Ld, 10' E. of E end CR
2	138	760	439 5	161 115 46	159	651	460 5	187 137 45	FB 2829 pg 73-74
3	140	351	441 5	164 117 47	217	006	518 5	240 194 46	
Total	437	032		129	533	967		128	
Diff in					437	032		129	⊼ D. Le Gault
Elev					96	935		257	Meters
BM 4-22									BM 4-22 (BELL B-2 1937)
									Slauson AVE & 230 E. of King AVE
									SEE FB 1205-27

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

SURVEY BY R.C. Guizado DATE 8-3-61 WEATHER TIME 10 30 10 45 INST. NO. N3

NOTES BY GEC DATE AUG 29 '61 NOTES CHKD [illegible] DATE 9/14/60 ROD NO. 95-96

INDEXED H E OTT

F.B. 2862 PG. 9

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Pe Ron

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 4-22 TO TBM (1)
BM 4-22													By 4-22 (BELL B-2 1937)
1	218	080	519	5	241 / 195	46	137	331	438	5	161 / 114	47	Slauson Ave & 230' E. of King Ave
													SEE FB 1205-27
2	158	256	459	5	181 / 135	46	148	844	449	5	178 / 126	45	
3	166	730	467	5	184 / 148	36	160	101	461	5	178 / 142	36	
Total	543	066				128	446	276				127	
Ditt in	446	276										128	
Elev	96	790										255	Meters
TBM (1)													TBM (1)
													Slauson Ave & Atlantic Blvd
													SE Cor; Spkin Ld, 10' E of E end CR
													SEE FB 2829 pg 73-74

F.B. 2862 PG. 10 JOB NO. 0301.02

SURVEY OF C. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES GEC

INDEXED H. E. OTT DATE AUG 29 '81

WEATHER Overcast INST. NO. N3 75234

TIME 10:45-11:00 ROD NO. 25826

NOTES CHKD [illegible] DATE 9/1/81

76P526B CE# 308 8-59

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

SURVEY BY AC Gu zada... DATE 8-3-61 TIME 1:05 To 12:20 WEATHER Clear INSTR. NO. 15239

NOTES BY GEO ROD NO. 4544

INDEXED H.E. Ott DATE AUG 29 '61 NOTES CHKD [illegible] DATE 9/14/61

F.B. 2862 Pg. 1

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													From TBM (1) To BM 31-1
TBM (1)													TBM (1) SE COR
1	178	113	479	5	195 / 161	34	160	072	461	5	177 / 143	34	ATLANTIC Blvd & Slauson Ave
	160	072										34	Spk 10'E of E end CE
Diff in Elev	18	041										68	Meters FB 2829 pg 73-74
TBM (2)													TBM (2) NE COR
1	168	441	469	5	191 / 145	46	144	250	445	5	167 / 121	46	ATLANTIC Blvd & Slauson Ave
2	163	764	464	5	186 / 140	46	134	991	435	5	157 / 111	46	Spk in cb, 130± N. of N. end CE
3	167	423	468	5	191 / 143	48	154	725	455	5	178 / 130	48	
4	164	473	465	5	187 / 141	46	153	518	454	5	176 / 130	46	℄ D. LeGault
5	165	483	466	5	188 / 142	46	158	728	459	5	181 / 135	46	
6	160	103	461	5	181 / 139	42	131	452	432	5	152 / 110	42	
7	178	192	478	5	201 / 155	46	145	886	446	5	168 / 122	46	
8	149	876	450	5	167 / 131	36	126	772	427	5	143 / 109	34	
9	166	315	467	5	182 / 150	32	061	495	362	5	80 / 42	38	
10	256	305	557	5	271 / 241	30	408	911	409	5	118 / 98	20	BM 31-1 FC BM 7-20
Total	1740	375	✓			418	1320	728	✓			412	Atlantic Blvd & LA River
Diff in Elev	1320	728	✓									418	FB 1397-6
	419	647	✓									830	Meters
BM 31-1													

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INST. NO. N3 75254 ROD NO. 3456 DATE 9/4/75

WEATHER Warm TIME 1-5 PM NOTES CHKD DATE

SURVEY OF L.A. (C) PRELIM FVR (MET) JOB NO. 0301.02

SURVEY BY ACC NOTES GEE

INDEXED H. E. OTT DATE AUG 29 '81

FB 3862 PG. 12

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA	FORESIGHT RIGHT	MIC.	LEFT		STADIA	DESCRIPTION AND REMARKS
											FROM BM 31-1 TO TBM (1)
BM 31-1											BM 31-1 (FC BM 7-20)
1	084	642	385	S	96 72 24	233	590	534	S	246 222 24	ATLANTIC BLVD & L.A. RIVER
2	064	062	365	S	82 46 36	189	475	490	S	206 172 34	FB 1397-6
3	145	758	446	S	162 128 34	147	192	448	S	165 129 36	
4	145	530	446	S	168 122 46	194	950	495	S	217 171 46	
5	149	785	450	S	171 127 44	160	772	461	S	181 139 42	
6	157	391	458	S	179 135 44	162	612	463	S	185 139 46	
7	158	955	459	S	181 135 46	170	563	471	S	193 147 46	
8	156	652	457	S	179 132 47	169	904	470	S	192 145 47	
9	135	010	436	S	158 112 46	173	125	474	S	196 150 46	
10	152	740	453	S	175 129 46	167	944	468	S	190 144 46	
Total	1350	525	✓		+ 413	1770	027	✓		413	TBM (2) NE COR
Diff in Elev						1350	525	✓		413	ATLANTIC BLVD & SLAUSON AVE
TBM (2)						419	502	✓		826	130'± N of N end CR Gpk in c
1	153	522	454	S	170 136 34	171	564	472	S	188 154 34	TBM (1) SE COR
						153	522	✓		34	ATLANTIC BLVD & SLAUSON AVE
						18	042	✓		68	PK 110' E OF E end CR
TBM (1)											

76P526B. CE # 308 8-59

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

SURVEY BY A. C. Guizado DATE 8-7-61 WEATHER SUNNY INST. NO. 3132

NOTES BY I. T. Rangel DATE 8-7-61 TIME 8:30-9:25 ROD NO. 95896

INDEXED H. E. OTT DATE AUG 29 '61 NOTES CHKD [illegible] DATE 9/14/61

F.B. 2862 PG. 1

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS BM 31-2x FROM BM 31-1 TO B.M. 31-3
BM 31-1													B.M. 31-1 (FC BM 7-20)
1	270	742	571	5	293 247	46	154	724	455	5	177 131	46	Atlantic Blvd & LA River
													See FB 1397-6
2	025	063	326	5	48 02	46	235	839	536	5	258 212	46	
3	145	495	446	5	156 134	22	187	900	488	5	198 177	21	⊼ GE Cook
4	094	600	395	5	110 79	31	205	120	506	5	221 189	32	
TOTAL	535	900				145	783	583				145	
							535	900				145	
diff. Elev.							247	683				290	Meters
B.M. 31-2													BM 31-2
1 +2	200	250	501	5	216 184	32	092	309	393	5	107 77	30	Atlantic Blvd & LA River
													FB 1397-7
2	186	010	487	5	196 176	20	142	151	443	5	154 130	24	
3	241	868	542	5	264 219	45	204	962	505	5	226 182	44	
4	072	863	373	5	78 67	11	250	307	551	5	255 244	11	
Total	700	991				108	689	729				109	
	689	729										108	
diff. Elev.	11	262										217	meters
B.M. 31-3													BM 31-3
													Atlantic Blvd & LA River
													FB 1397-8

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS BM 31-2
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 31-3 TO B.M. 31-1
B.M. 31-3													B.M. 31-3
1	252	182	553	5	257 246	11	074	760	375	5	79 69	10	Atlantic Blvd & LA River
													FB 1397-8
2	203	090	504	5	225 181	44	240	230	541	5	263 217	46	
3	146	812	447	5	157 135	22	191	718	492	5	202 181	21	
4	098	215	399	5	114 83	31	204	890	505	5	220 188	32	
Total	700	299				108	711	598				109	
							700	299				108	
diff. Elev.							11	299				217	meters
B.M. 31-2													
1	199	239	500	5	215 183	32	098	429	399	5	113 82	31	BM 31-2
													Atlantic Blvd & LA River
2	196	140	497	5	206 186	20	145	250	446	5	156 134	22	FB 1397-7
3	241	268	542	5	264 218	46	028	888	329	5	51 05	46	
4	158	398	459	5	181 135	46	274	568	575	5	297 251	46	
Total	795	045				144	547	135				145	
	547	135										144	
diff. Elev.	247	910										289	meters
B.M. 31-1													BM 31-1 (FC BM 7-20)
													Atlantic Blvd & LA River
													FB 1397-6

F.B. 2862 PG. 14

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES F.T.R. 8-7-61

INDEXED H. E. OTT DATE AUG 29 '61

WEATHER SUNNY INST. NO. N37523

TIME 9:25 - 9:50 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE 9/14/61

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

F.B. 2862 PG. 15

SURVEY BY A.C. Guizado WEATHER SUNNY INST. NO. N37523

NOTES BY I. T. Rangel DATE 8-7-61 TIME 10:00-10:35 ROD NO. 95 & 96

INDEXED H. E. Ott DATE AUG 29 '61 NOTES CHKD. [illegible] DATE 9/14/61

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 31-1 TO B.M. 31-2
B.M. 31-1									B.M. 31-1 (FC Bm 720)
1 -1	272	628	573 5	295 250 45	156	628	457 5	179 133 46	Atlantic Blvd & L.A. River
									FB 1397-6
2 -1	024	114	325 5	47 02 45	232	115	533 5	255 209 46	
3 +1	132	608	433 5	143 121 22	182	950	483 5	193 172 21	
4	091	861	392 5	105 75 30	197	206	498 5	212 182 30	
Total	521	211		142	768	899		143	
Diff. Elev					521	211		142	
B.M. 31-2					247	688		285	METERS
									Bm 31-2
									Atlantic Blvd & LA River
									FB 1397-7

76P526B CE # 308 8-59

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F.B. 2862 PG. 16 | JOB NO. 0301.02 | DATE AUG 29 '61

SURVEY OF L.A. CO. PRECISE LEVEL NET | NOTES F. R. 8-7-61

SURVEY BY A.C.G.

INDEXED

WEATHER Sunny | INST. NO. N-7523

TIME 10:00 - 10:35 | ROD NO. 95 & 96

NOTES CHKD [illegible] | DATE 8/16/61

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 31-2 TO B.M. 31-1
B.M. 31-2													BM 31-2
1	196	781	497	5	212 / 181	31	091	453	392	5	107 / 75	32	Atlantic Blvd & L.A. River
													See FB 1397-7
2	183	030	484	5	194 / 173	21	132	632	433	5	143 / 121	22	
3	235	830	536	5	257 / 213	44	027	748	328	5	89 / 05	44	
4	155	939	456	5	179 / 131	48	272	052	573	5	295 / 250	45	
Total	771	580	✓			144 ✓	523	885	✓			143 ✓	
diff/Elev.	523	885	✓									144 ✓	
B.M. 31-1	247	695	✓									287	METERS
													BM 31-1 (FC BM 7-20)
													Atlantic Blvd & L.A. River
													See FB 1397-6

76P526B CE # 308 8-59

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

SURVEY BY A.C. Guizado

NOTES BY J. T. Rangel DATE 8-7-61

INDEXED R. E. OTT DATE AUG 29 61

WEATHER SUNNY

TIME 10:45-11:35

NOTES CHKD [illegible] DATE 9/14/61

INST. NO. N375239

ROD NO. 95F96

F.B. 2862 PG. 17

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 31-3 TO B.M. 31-4
B.M. 31-3													B.M. 31-3
1	149	629	450	5	172/126	46	058	807	359	5	81/35	46	Atlantic Blvd & L.A. River
													EB 1397-8
2	093	929	394	5	117/70	47	152	700	453	5	175/129	46	
3	118	651	419	5	141/95	46	139	702	440	5	161/117	44	
4	140	740	441	5	162/118	44	169	322	470	5	193/146	47	⊼ G.E. Cook
5	143	871	444	5	166/120	46	153	990	454	5	176/130	46	
6	145	241	446	5	158/132	26	160	638	461	5	173/147	26	
7	141	200	442	5	153/129	24	160	594	461	5	172/148	24	
8	155	425	456	5	178/132	46	135	732	436	5	158/112	46	
9	173	758	474	5	197/150	47	179	860	480	5	202/156	46	
10	142	520	443	5	150/127	23	143	248	444	5	159/137	22	
11	131	018	432	5	146/116	30	194	605	495	5	210/178	32	
Total	1535	982				425	1649	198				425	
							1535	982				425	
Diff. Elev.							113	216				850	meters = 3.7
B.M. 31-4													BM 31-4
													Ayers Ave & 26th St.
													EB 1397-9

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LOS ANGELES COUNTY ENGINEER

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F.B. 2862 PG. 18 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET NOTES T. 1 R. 8-7-61

SURVEY BY A.C.B. DATE

INDEXED

WEATHER Sunny INST. NO. 23

TIME 12:30 to 1:45 ROD NO.

NOTES CHKD DATE 8/4/61

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM B.M. 31-4 TO B.M. 31-3
B.M. 31-4											B.M. 31-4
1	195	565	496	5	210 180 30'	133	505	434	5	148 118 30'	AYERS AVE & 26TH ST
2 +1	146	948	447	5	162 131 31'	145	352	446	5	160 130 30'	FB 1397-9
3 -1	178	520	479	5	201 155 46'	171	129	472	5	195 148 47'	
4 -1	134	800	435	5	157 111 46'	158	689	459	5	182 135 47'	
5 ✓	167	198	468	5	179 155 24'	144	198	445	5	156 132 24'	
6 ✓	163	702	464	5	176 150 26'	147	745	448	5	160 134 26'	
7 -2	150	140	451	5	172 128 44'	140	973	441	5	163 117 46'	
✓ 8 +3	165	861	466	5	189 142 47'	136	685	437	5	158 114 44'	
9 -3	135	971	436	5	157 113 44'	114	398	415	5	138 91 47'	
10 +1	147	389	448	5	171 124 47'	088	781	389	5	117 65 46'	
11	054	458	355	5	77 30 47'	145	388	446	5	167 123 44'	
TOTAL	1640	552 ✓			432	1526	843 ✓				431 ✓ 432 ✓ 863 ✓
DIFF/ELEV	113	709 ✓									BM 31-3
BM 31-3											ATLANTIC BLVD & LA. RIVER
											FB 1397-8

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY A.C. Gutsche I. T. Ranger DATE 8-7-61 WEATHER Sunny INST. NO 37523
NOTES BY TIME 1:55 - 2:35 ROD NO 25
INDEXED H. E. Ott DATE Aug 29 61 NOTES CHKD DATE 9/14/61
F.B. 2862 Pg. 1/2

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 31-3 TO B.M. 31-4
B.M. 31-3													B.M. 31-3
1	134	628	435	5	157 / 111	46 ✓	0044	144	345	5	67 / 21	46 ✓	ATLANTIC Blvd & L.A. RIVER
2	088	140	389	5	117 / 65	46 ✓	151	278	452	5	174 / 128	46 ✓	FB 1397
3	119	628	420	5	142 / 96	46 ✓	136	273	437	5	158 / 114	44 ✓	
4	142	738	443	5	167 / 118	49 ✓	170	932	471	5	192 / 149	43 ✓	T GE Cook
5	137	810	438	5	159 / 115	44 ✓	148	275	449	5	172 / 125	47 ✓	
6	143	881	444	5	155 / 131	24 ✓	159	268	460	5	174 / 145	29 ✓	
7	147	660	448	5	160 / 135	25 ✓	166	552	467	5	179 / 154	25 ✓	
8	154	441	455	5	177 / 131	46 ✓	135	872	436	5	158 / 112	46 ✓	
9	177	208	478	5	201 / 154	47 ✓	180	150	481	5	203 / 159	46 ✓	
10	141	392	442	5	156 / 126	30 ✓	144	678	445	5	159 / 128	31 ✓	
11	130	750	431	5	145 / 115	30 ✓	194	174	495	5	209 / 179	30 ✓	
Total	1518	276 ✓				433 ✓	1631	596 ✓				433 ✓	
							1518	276 ✓				433 ✓	
Diff. Elev B.M. 31-4							113	320 ✓				866 ✓	meters B.M. 31-4 Ayers St. & 26th St. F.B. 1397 Pg. 9

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. 31-4 TO B.M. 31-3
B.M. 31-4						5						5	B.M. 31-4
1	194	323	495	5	210 / 179	31	131	830	432	5	146 / 116	30	Ayers Ave & 26th st FB1397-9
2	151	411	452	5	167 / 136	31	150	828	451	5	165 / 135	30	
3	177	905	478	5	200 / 155	45	169	919	470	5	194 / 145	49	
4	133	743	434	5	157 / 110	47	155	698	456	5	178 / 133	45	
5	166	924	467	5	178 / 154	24	146	190	447	5	159 / 134	25	
6	161	329	462	5	175 / 148	27	145	588	446	5	158 / 132	26	
7	153	090	454	5	175 / 130	45	143	968	444	5	166 / 120	46	
8	171	560	472	5	195 / 149	46	143	080	444	5	166 / 120	46	
9	141	145	442	5	163 / 119	44	119	720	420	5	143 / 96	47	
10	150	478	451	5	174 / 126	48	090	845	391	5	112 / 67	45	
11	045	610	346	5	68 / 22	46	136	610	437	5	159 / 113	46	
Total	1647	518				434	1534	276				435	
	1534	276										434	
diff. Elev.	113	242										869	meters
B.M. 31-3													B.M. 31-3 Atlantic Blvd & Los Angeles River. F.B.1397 Pg 8

F.B. 2862 PG. 20

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES I.T.R. 8-7-61

INDEXED DATE

WEATHER SUNNY INST. NO. N375234

TIME 2:40 - 3:20 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE 9/14/61

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY A. C. Guizado WEATHER Sunny INST. NO. 75234
NOTES BY DCG DATE 8-8-61 TIME 10:20 to 10:53 ROD NO. 5576
INDEXED H.E.O.T. DATE AUG 29 '61 NOTES CHKD [illegible] DATE 9/14/61
F.B. 2862 Pg. 21

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 31-4 TO BM 31-5
BM 31-4													BM 31-4
1	157	031	458	5	173 / 141	32 ✓	154	109	455	5	169 / 138	31 ✓	AYERS AVE & 26TH ST
													FB 1397-9
2	142	134	443	5	162 / 122	40 ✓	170	342	471	5	190 / 150	40 ✓	
3	134	040	435	5	157 / 111	46 ✓	120	927	421	5	163 / 117	46 ✓	T. A. L. GOBLE
4	181	781	482	5	205 / 157	48 ✓	123	358	424	5	145 / 101	44 ✓	
	129	196	430	5	148 / 110	38 ✓	140	219	411	5	161 / 119	45 ✓	
6	118	672	419	5	142 / 94	48 ✓	158	455	459	5	178 / 138	40 ✓	
7	161	272	462	5	183 / 138	45 ✓	198	041	499	5	222 / 174	48 ✓	
8	173	219	470	5	195 / 150	45 ✓	134	964	435	5	158 / 110	48 ✓	
9	193	402	490	5	216 / 170	46 ✓	112	547	413	5	135 / 89	46 ✓	
10	181	307	482	5	193 / 170	23 ✓ / 411	153	560	454	5	164 / 141	23 ✓ / 411 ✓ / 411 ✓ / 822	METERS
TOTAL	1572	054	✓				1466	522	✓				
	1466	522	✓										
BM 31-5	105	532	✓										BM 31-5
													AYERS AVE & SHEILA ST
													FB 397-10

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2862 PG. 22 JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG DATE

INDEXED

WEATHER AVERAGE INST. NO. N3 3224

TIME 9:30 TO 10:00 ROD NO. 5587C

NOTES CHKD [illegible] DATE 9/14/61

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 31-5 TO BM 31-4
BM 31-5													BM 31-5
1	122	879	423	5	145 / 99	46	189	937	490	5	212 / 166	46	AVERS AVE & SHEILA ST
													FB 1397-10
2	111	518	412	5	134 / 88	46	173	922	474	5	196 / 150	46	
3	128	228	429	5	151 / 105	46	093	007	394	5	116 / 70	46	
4	134	908	435	5	157 / 111	46	138	582	439	5	161 / 115	46	⊼ A C GOBLE
5	165	747	466	5	188 / 142	46	129	592	430	5	151 / 107	44	
6	118	632	419	5	141 / 95	46	174	097	475	5	202 / 146	56	
7	124	200	425	5	148 / 99	49	130	830	431	5	151 / 109	42	
8	162	788	463	5	182 / 142	40	140	514	441	5	160 / 120	40	
9	152	515	455	5	169 / 136	33	158	339	459	5	174 / 142	32	
						396						398	
												394	
TOTAL	1223	615					1328	820				1954	
							1223	615					
DIFF ELEV							105	205					
BM 31-4													BM 31-4
													AVERS AVE & 26th ST.
													FB 1397-9

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM31-5 TO BM31-6
BM31-5													BM31-5
1	170	808	471	5	182 159	23	138	180	439	5	150 126	24	AYERS AVE & SHEILA ST
													FB 1397-10
2	170	751	471	5	192 148	44	138	902	439	5	160 116	44	
3	143	352	444	5	166 122	42	124	517	425	5	145 103	42	
4	156	028	457	5	177 135	42	134	157	435	5	155 113	42	
						151						152	
TOTAL	640	939					535	756				1541 304	METERS
	535	756										303	
DIFF/ELEV	105	183											
TBM													TBM # W-46
1	145	247	446	5	154 136	18	171	996	472	5	180 162	18	AYERS AVE & LEONIS ST
							145	247				18	FB1397-11
DIFF/ELEV							26	749				36	
BM31-6													BM31-6
													AYERS AVE & LEONIS ST
													FB1397-11

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

SURVEY BY AC Guizado

NOTES BY ACG DATE 8-8-61

INDEXED H E OTT DATE AUG 29 61

WEATHER Sunny

TIME 10:50 AM/PM

NOTES CHKD [illegible] DATE 9/1/61

INST. NO. 75234

ROD NO. 95 & 9

F.B. 2862 PG. 23

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 31-6 TO BM 31-5
BM 31-6													BM 31-6
1	174	180	475	5	183 / 165	18	147	402	448	5	156 / 138	18	AYERS AVE & LEONIS ST
	147	402										18	FB 1397-11
DIFF/ELEV	26	778										36	
TBM													TBM W-46
1	139	552	440	5	160 / 118	42	160	990	461	5	181 / 139	42	AYERS AVE & 32° SO. LEONIS S
													FB 1397-11
2	131	932	432	5	152 / 110	42	151	148	452	5	172 / 130	42	
3	140	197	441	5	162 / 118	44	178	432	479	5	200 / 156	44	
4	144	088	445	5	156 / 132	24	170	498	471	5	181 / 158	23	
TOTAL	555	769				152	661	068				151	
							555	769				152	METERS
DIFF/ELEV							105	299				303	
BM 31-5													BM 31-5
													AYERS AVE & SHEILA ST
													FB 1397-10

F.B. 2862 PG. 24 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED DATE

WEATHER OVERCAST INST. NO. N3 75234

TIME 9:10 to 9:30 ROD NO. 75E96

NOTES CHKD [illegible] DATE 9/14/61

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY A.C.G. & A.L.G. DATE 6-8-61 WEATHER Sunny & Hot TIME 11:25 - 12:11 P.M. INST. NO. 75234
NOTES BY A.C.G. DATE 6-8-61 TIME 11:25 - 12:11 P.M. ROD NO. 25696
INDEXED R.E.O. DATE 6-29-61 NOTES CHKD [illegible] DATE 9/14/61
F.B. 2862 Pg. 25

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM BM 31-6 TO BM 31-7
BM 31-6											BM 31-6
1	177	005	478	5	189 / 166 / 23	142	717	443	5	153 / 130 / 23	AYERS AVE & LEONIS ST
											FB 1397-11
2	184	811	485	5	207 / 161 / 46	143	718	444	5	166 / 120 / 46	
3	169	832	470	5	190 / 148 / 42	083	822	384	5	104 / 62 / 42	
4	108	840	459	5	132 / 84 / 48	203	391	504	5	227 / 179 / 48	↑ A.L. GOBLE
	143	381	444	5	161 / 126 / 35	177	690	478	5	195 / 159 / 36	
6	227	331	528	5	254 / 200 / 54	162	301	463	5	188 / 136 / 52	
7	177	721	478	5	193 / 160 / 33	194	248	495	5	210 / 177 / 33	
8	280	712	581	5	295 / 265 / 30	287	652	588	5	287 / 272 1/2 / 30	
					311					310	
										311	
TOTAL	1469	633				1395	539			621	METERS
	1395	539									
DIFF/ELEV BM 31-7	74	094									BM 31-7 EASTERN AVE & NOOKES SEE FB 1397-12

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 31-7 TO BM 31-6
BM 31-7	277	202	578	5	289 265	24	259	617	560	5	271 247	24	BM 31-7
2	154	257	455	5	173 135	38	150	550	451	5	169 131	38	EASTERN AVE & NOAKES FB 1397-12
3	159	468	460	5	186 132	54	222	253	523	5	249 195	54	
4	177	047	478	5	195 159	36	142	942	443	5	160 124	36	⊼ A.L. GOBLE
5	206	306	507	5	231 182	49	111	540	412	5	135 86	49	
6	084	757	385	5	105 63	42	163	684	464	5	184 142	42	
7	133	936	434	5	156 110	46	182	173	483	5	205 159	46	
8	134	854	435	5	145 122	23	169	113	470	5	180 157	23	
												312	
TOTAL	1327	827				312	1401	872				312	
							1327	827				624	METERS
DIFF/ELEV							74	045					
BM 31-6													BM 31-6
													AYERS AVE & LEONIS ST.
													FB 1397-11

F.B. 2862 PG. 26

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED DATE

JOB NO. 0301.02

WEATHER OVERCAST INST. NO. 75234

TIME 8:35 to 9:10 ROD NO. 95896

NOTES CHKD [illegible] DATE 9/14/61

N3

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A C GUIZADO WEATHER SUNNY

NOTES BY A L G DATE 8-7-61 TIME 7:30 INST. NO. N3 75 23

INDEXED H. E. OTT DATE AUG 29 '61 NOTES CHKD [illegible] DATE 9/4/61 ROD NO. 95 & 90

F.B. 2862 Pg. 27

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 31-7 TO BM 31-8
BM. 31-7													BM 31-7
1	192	231	493	5	196 188	8	157	444	458	5	161 153	8	NOAKES ST & EASTERN AVE
DIFF IN	157	444										8/16	SEE F.B 1397-12
ELEV	34	787	CM										
TBM R-16													T.B.M R-16
1	172	706	473	5	184 160	24	139	660	440	5	153 125	28	F.B 1397-12
2	186	538	487	5	209 163	46	108	561	409	5	131 85	46	
3	236	125	537	5	260 212	48	111	023	412	5	133 89	44	
4	212	330	513	5	235 189	46	107	832	408	5	130 84	46	⊼ LA GAULT
5	191	644	492	5	209 173	36	132	468	433	5	149 115	34	
6	198	912	499	5	221 175	46	115	722	416	5	138 92	46	SUMMARY OF RUN
													TBM R-16 TO BM 31-8
7	183	251	484	5	206 160	46	136	442	437	5	159 113	46	TOTAL BACKSIGHTS + 2161.154
													TOTAL FORESIGHTS − 1550.034
8	152	130	453	5	168 135	33	101	611	402	5	119 83	36	DIFF IN ELEV 611.120
9	163	602	464	5	184 142	42	143	621	~~444~~	5	163 123	40	
10	153	023	454	5	175 131	44	130	504	431	5	153 107	46	
													BM 31-8
11	175	714	476	5	193 157	36	143	519	444	5	161 125	36	EASTERN AVE & OLYMPIC BLVD
12	135	179	436	5	140 130	10	179	071	480	5	184 174	10	SEE F.B 1397-13
TOTAL	2161	154	CM			457	1550	034	CM			458 457	
BM 31-8											METERS		

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2862 PG. 28 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG

INDEXED DATE

WEATHER SUNNY INST. NO. N35234

TIME 3:35 TO ROD NO. 95496

NOTES CHKD. DATE 9/14/66

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM BM 31-8 TO BM 31-7
BM 31-8	177	982	478	5	182 / 172 / 10	136	742	437	5	141 / 131 / 10	BM 31-8
2	143	233	444	5	162 / 125 / 37	170	688	471	5	188 / 152 / 36	EASTERN AVE & OLYMPIC BLV
											SEE F.B. 1397-13
3	124	202	425	5	147 / 101 / 46	149	160	450	5	171 / 127 / 44	
4	139	178	440	5	159 / 119 / 40	159	741	460	5	179 / 139 / 40	
5	102	250	403	5	119 / 85 / 34	152	440	453	5	169 / 135 / 34	
											A LA GAULT
6	128	675	429	5	151 / 105 / 46	172	941	473	5	194 / 149 / 45	STOP 4:00 PM
											STARTED 8:00 6-9-66
7	121	103	421	5	143 / 97 / 46	182	246	483	5	205 / 159 / 46	
											SUMMARY OF RUN
8	085	822	386	5	102 / 66 / 36	178	235	479	5	195 / 160 / 35	BM 31-8 TO TBM R-16
											TOTAL BACKSIGHTS +1475.795
9	114	225	415	5	137 / 91 / 46	206	81	507	5	223 / 177 / 46	TOTAL FORESIGHTS -2087.252
											DIFF IN ELEV -611.457
10	104	105	405	5	126 / 82 / 44	223	665	524	5	247 / 199 / 48	
											USE
11	103	644	404	5	126 / 80 / 46	187	425	488	5	210 / 164 / 46	USB
											913
12	132	327	423	5	145 / 117 / 28	161	133	468	5	180 / 154 / 26	
TOTAL	1475	795	CM		447	207	252	CM		446	
TBM R-16										447	
								METERS		893	TBM R-16
1	149	268	450	5	153 / 145 / 8	184	025	486	5	189 / 180 / 9	SEE F.B. 1397-12
DIFF IN						149	268			8	
ELEV						34	757	CM		16	BM 31-7
BM 31-7											EASTERN AVE & NO. OAKES ST
											SEE F.B. 1397-12

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A. C. GUIZADO WEATHER OVERCAST INST. NO. N3 75235

NOTES BY A.L.G. DATE 8-9-61 TIME 9:00 TO 9:50 ROD NO. 95190

INDEXED H. E. OTT DATE AUG 29 '61 NOTES CHKD. [illegible] DATE 9/19/61

F.B. 2862 PG. 29

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS RERUN FROM TBM R-1C TO BM 31-8
T.B.M. R-16	170	542	471	5	182 / 158	24	136	781	437	5	149 / 122	27	T.B.M. R-16
2	177	793	478	5	200 / 154	46	092	352	393	5	115 / 69	46	EASTERN AVE & NOAKES ST. SEE F.B. 1397-16
3	208	492	509	5	231 / 185	46	084	014	385	5	107 / 61	46	
4	197	618	498	5	220 / 174	46	107	621	408	5	130 / 84	46	
5	183	190	484	5	201 / 165	36	117	014	418	5	134 / 100	34	
6	206	012	507	5	229 / 183	46	120	661	421	5	143 / 97	46	* ⊼ LE GAULT
7	174	320	475	5	196 / 152	44	130	202	431	5	153 / 107	46	
8	154	093	455	5	171 / 136	35	103	985	404	5	120 / 86	34	
9	160	861	461	5	180 / 140	40	140	361	441	5	160 / 120	40	
10	15[illegible]	[illegible]	451	5	172 / 128	44	123	969	424	5	146 / 100	46	
11	171	353	472	5	190 / 152	38	146	515	447	5	164 / 128	36	
12	137	222	438	5	143 / 132	11	177	916	478	5	182 / 172	10	
TOTAL	2092	663	CM			456	1481	391	CM			457	
DIFF IN	1481	391										456	
ELEV	611	272	CM								METERS	913	BM 31-8
M 31-8													EASTERN AVE & OLYMIC BLVD SEE F.B. 1397-13

F.B. 2862 Pg. 30 JOB NO.

SURVEY OF L. A. CO. PRECISE LEVEL NET WEATHER INST. NO.

SURVEY BY NOTES TIME ROD NO.

INDEXED DATE NOTES CHKD. DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

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

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

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

SURVEY BY A C GUIZADO WEATHER SUNNY INST. NO. 75233

NOTES BY A L C DATE 8-8-61 TIME 2:30 To 3:05 ROD NO. 95 & 90

INDEXED B.L.C.M. DATE 8/20/61 NOTES CHKD [illegible] DATE 9/14/61

F.B. 2862 Pg. 31

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA		RIGHT	MIC.	LEFT	STADIA		FROM BM 31-8 TO BM 31-9
BM 31-8				234					158		BM 31-8
1	215	023	516	5 196	38	139	598	440	5 120	38	EASTERN AVE & OLYMIC BLVD
											SEE F.B. 1397-13
2	175	894	476	5 198 152	46	132	562	433	5 155 109	46	
3	173	328	474	5 196 150	46	132	116	433	5 155 109	46	
4	179	230	480	5 202 156	46	150	390	451	5 173 127	46	
5	209	720	510	5 232 186	46	121	580	422	5 147 98	46	
6	152	203	453	5 175 129	46	056	894	351	5 79 33	46	LA CAULT
7	176	762	477	5 182 170	12	178	181	479	5 184 171	13	
TOTAL	1282	160	CM		280	911	321	CM		281	
DIFF IN ELEV	911	321								280	
BM 31-9	370	839	CM							561	METERS
											BM 31-9
											EASTERN AVE & W HITTIER BLVD
											SEE F.B. 1397-16

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 31-9 TO BM 31-8
BM 31-9													BM 31-9
1	176	270	477	5	182 170	12	174	454	475	5	180 168	12	EASTERN AVE & WHITTIER BLV. SEE F.B 1397-14
2	086	462	387	5	109 63	46	182	973	483	5	205 159	46	
3	114	088	415	5	137 91	46	193	428	494	5	216 170	46	
4	119	930	420	5	142 96	46	156	783	457	5	179 133	46	
5	131	908	432	5	154 108	46	172	912	473	5	195 149	46	⊼ LA GAULT
6	127	739	428	5	150 104	46	170	968	471	5	193 147	46	
7	134	911	435	5	153 115	38	210	758	511	5	229 191	38	
TOTAL	891	308	CM			280	1262	276	CM			280	
DIFF IN							891	308				280	
ELEV							370	968	CM			560	METERS
BM 31-8													BM 31-8
													EASTERN AVE & OLYMIC BLVD SEE F.B. 1397-13

F.B. 2862 PG. 32 JOB NO. 0301 02

SURVEY OF C. A. CO. PRECISE LEVEL NET

SURVEY BY A C G NOTES ALG 8-8-61

INDEXED DATE

WEATHER SUNNY INST. NO. 75234

TIME 310 TO 335 ROD NO. 95896

NOTES CHKD [illegible] DATE 7/14/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A C GUIZADO

NOTES BY A L G DATE 8-9-61

INDEXED H. E. OTT DATE AUG 29 '61

WEATHER OVER CAST

TIME 10.00 TO 11.00

NOTES CHKD [illegible] DATE 9/14/61

INST. NO. N37523

ROD NO. 95296

F.B. 2862 PG. 33

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 31-9 TO BM 31-10
BM 31-9													BM: 31-9
1	221	967	522	5	238 204	34	085	763	386	5	102 69	33	EASTERN AVE & WHITTIER BLVD
2	253	331	554	5	272 234	38	018	880	319	5	X2 36 18	36	SEE F.B. 1397-14
3	298	128	599	5	X2 298 283	30	008	858	309	5	X2 20 8	24	
4	273	803	574	5	284 262	22	005	155	306	5	X2 18 5	26	
5	280	700	581	5	292 269	23	031	365	332	5	43 19	24	
6	287	103	588	5	299 275	24	021	830	322	5	33 10	23	⊼ G.E. COOK
7	283	506	584	5	295 271	24	015	040	316	5	26 4	22	
8	270	670	571	5	281 259	22	055	098	356	5	67 43	24	
9	286	970	587	5	300 272	28	056	213	357	5	73 40	33	
10	229	545	530	5	244 214	30	070	250	379	5	93 63	30	
11	239	841	540	5	254 224	30	078	761	379	5	93 63	30	
12	235	282	536	5	250 220	30	055	230	356	5	70 40	30	
13	236	838	537	5	251 221	30	056	223	357	5	71 41	30	
UB TOTAL	3397	684	CM			365	566	666	CM			365	

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 31-9 TO BM 31-10
SUB TOTAL	3397	684	CM			365	566	666	CM			365	
14	228	949	529	5	243 213	30	072	024	373	5	87 57	30	
15	223	433	524	5	238 208	30	061	527	362	5	76 46	30	
16	240	840	541	5	259 221	38	070	293	371	5	89 51	38	
17	234	779	535	5	255 218	37	126	197	427	5	145 107	38	
18	140	583	441	5	148 133	15	189	582	490	5	197 181	16	
19	092	997	393	5	99 86	13	235	313	536	5	241 229	12	
TOTAL	4559	265	CM			528	1321	602	CM			528	
DIFF IN	1321	602										528	
ELEV	3237	663	CM									1054	METERS
BM 31-10													BM 31-10 EASTERN AVE & 3RD ST. SEE F.B. 1397-15

F.B. 2862 PG. 34

JOB NO. 0301.02

SURVEY OF C.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED DATE

WEATHER OVERCAST INST. NO. 75230

TIME 10:00 to 11:00 ROD NO. 95E96

NOTES CHKD [illegible] DATE 9/14/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A C GUIZADO

NOTES BY A L G DATE 8-9-61

INDEXED H. E. CITY DATE AUG 29 '61

WEATHER OVER CAST

TIME 11.00 TO 12.00

NOTES CHKD. [illegible] DATE 9/15/61

INST. NO. N375230

ROD NO. 95 [illegible]

F.B. 2862 PG. 75

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS FROM BM 31-10 TO BM 31-9
BM 31-10													BM 31-10
1	236	965	537	5	242 230	12	096	430	397	5	102 90	12	EASTERN AVE & 3RD ST. SEE F.B. 1397-15
2	190	293	491	5	197 182	15	139	246	440	5	147 132	15	
3	123	200	424	5	142 104	38	233	989	534	5	252 214	38	
4	071	440	372	5	90 52	38	240	992	541	5	259 221	38	
5	064	083	365	5	79 49	30	225	547	526	5	240 210	30	
6	068	926	369	5	83 53	30	227	571	528	5	242 212	30	
7	059	600	360	5	74 44	30	237	865	538	5	252 222	30	⊼ G.E COOK
8	053	593	? 454	5	68 38	30	234	980	535	5	249 219	30	
9	079	169	380	5	94 64	30	237	868	538	5	252 222	30	
10	073	433	374	5	88 58	30	225	156	526	5	240 210	30	
11	056	195	357	5	71 41	30	288	459	589	5	x2 288 273	30	
12	048	813	349	5	60 37	23	259	031	560	5	270 248	22	
13	010	488	311	5	x2 21 10	22	282	814	583	5	293 277	22	
SUB TOTAL	1136	198	CM			358	2930	548	CM			357	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Overcast INST. NO. N-75234
TIME 11:00 to 12:00 ROD NO. 3589
NOTES CHKD Smith DATE 9/16/.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 31-10 TO BM 31-9
SUB TOTAL	1136	198	CM			358	2930	548	CM			357	
11													
14	017	366	318	5	28 9	19	276	400	577	5	287 265	22	
15	027	616	328	5	39 16	23	282	648	583	5	294 271	23	
16	007	739	308	5	½ 19 7	24	270	570	577	5	288 264	24	
17	012	504	313	5	½ 24 11	24	178	338	579	5	291 266	25	
18	013	102	317	5	½ 38 16	40	274	406	575	5	294 254	40	
19	082	935	383	5	99 65	34	219	303	520	5	235 203	32	
TOTAL	1300	520	CM			522	4538	215	CM			523	
							1300	520				522	
DIFF IN ELEV							3237	695	CM			1045	METERS
BM 31-9													BM 31-9 EASTERN AVE & WHITTIER BL SEE F.B. 1397-14

F.B. 2862 PG. 26
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY ACG NOTES
INDEXED DATE
JOB NO. 0301.02

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A. G. GUIZADO WEATHER OVER CAST INST. NO. N3 75230

NOTES BY A. G. DATE 8-9-61 TIME 1.30 TO 2.20 ROD NO. 95290

INDEXED H. E. OTT DATE AUG 29 '61 NOTES CHKD. [illegible] DATE 9/16/61

F.B. 2862 PG. 37

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS FROM BM 31-10 TO BM 31-11
BM 31-10													BM 31-10
1	129	220	430	5	144 / 113	31	249	039	550	5	265 / 233	32	EASTERN AVE & 3RD ST
2	092	309	393	5	115 / 69	46	107	581	408	5	130 / 84	46	SEE F.B. 1397-15
3	239	570	540	5	262 / 216	46	088	671	389	5	111 / 65	46	
4	163	510	464	5	185 / 140	45	186	605	487	5	209 / 164	45	
5	055	808	356	5	78 / 32	46	190	130	491	5	213 / 167	46	
6	231	692	532	5	252 / 211	41	094	272	395	5	115 / 73	42	T G.E. COOK
7	154	292	455	5	177 / 131	46	133	982	434	5	157 / 111	46	
8	185	536	486	5	208 / 163	45	093	475	394	5	116 / 71	45	SUMMATION OF RUN
9	208	370	509	5	231 / 186	45	067	700	368	5	90 / 44	46	BM 31-10 TO BM 31-11
10	225	469	526	5	247 / 203	44	114	565	415	5	137 / 91	46	TOTAL BACKSIGHTS + 2337.562
11	182	722	483	5	206 / 158	48	121	952	422	5	143 / 100	43	TOTAL FORESIGHTS − 1920.863
12	140	261	441	5	163 / 118	45	148	829	449	5	171 / 126	45	DIFF IN ELEV + 416.699
13	171	912	472	5	193 / 148	45	145	270	446	5	168 / 122	46	BM 31-11
14	156	891	457	5	171 / 141	30	178	792	479	5	192 / 163	29	FORD BLVD & BROOKLYN ST
TOTAL	2337	562	CM			603	1920	863	CM			603	SEE F.B. 1397-16
BM 31-11												603	

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 31-11 TO BM 31-10
BM 31-11	176	915	477	5	192 / 160	32	154	752	455	5	169 / 139	30	BM 31-11
2	143	400	444	5	165 / 120	45	170	300	471	5	193 / 147	46	FORD BLVD & BROOKLYN
													SEE F.B. 1397-16
3	146	365	447	5	169 / 124	45	133	526	434	5	156 / 110	46	
4	117	800	418	5	140 / 94	46	182	858	483	5	205 / 159	46	
5	116	941	417	5	139 / 94	45	225	521	526	5	248 / 203	45	
6	064	831	365	5	87 / 41	46	207	679	508	5	230 / 184	46	
7	097	081	398	5	120 / 75	45	187	320	488	5	210 / 164	46	⊼ G.E COOK
8	139	588	440	5	161 / 116	45	161	800	462	5	184 / 139	45	SUMMATION OF RUN BM 31-11 TO BM 31-10
9	094	102	395	5	115 / 73	42	231	729	532	5	252 / 211	41	TOTAL BACKSIGHTS +1901.13
													TOTAL FORESIGHTS −2317.67
10	190	481	491	5	213 / 167	46	055	510	356	5	78 / 32	46	DIFF IN ELEV −416.53
11	188	070	489	5	211 / 166	45	164	512	465	5	187 / 142	45	
12	093	743	394	5	116 / 70	46	244	814	545	5	267 / 221	46	
13	102	981	403	5	125 / 80	45	088	487	389	5	110 / 65	45	
14	228	840	529	5	244 / 212	32	108	862	409	5	124 / 93	31	BM 31-10
TOTAL	1901	138	CM			605	2317	670	CM			604	EASTERN AVE & 3RD ST
BM 31-10											METERS	605	SEE F.B. 1397-15

WEATHER OVER CAST INST. NO. 75234

TIME 2.40 TO 3.30 ROD NO. 95030

NOTES CHKD [illegible] DATE 9/15/61

F.B. 2862 PG. 38

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

SURVEY BY A.C.G. NOTES A.L.G. 8-9-61

INDEXED DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 31-11 TO B.M. 31-12A
B. M. 13-11													B.M. 31-11
1 +1	166	888	467	5	184 148	3 36	118	709	419	5	136 101	35	FORD Blvd & BROOKLYN AVE FB 1397-16
2	160	089	461	5	183 137	46	153	994	454	5	176 130	46	
3	129	271	430	5	152 106	46	134	592	435	5	157 111	46	⊼ A.L. GOBLE
4	169	916	470	5	192 146	46	180	860	481	5	203 157	46	
5 -1	139	142	440	5	162 116	46	201	860	502	5	225 177	48	
Total	765	306 ✓				220	790	015 ✓				221	
Diff. Elev.							765	306 ✓				220	
B.M. 31-12A							24	709 ✓				441	meters B.M. 31-12A
													BM 31-12A FORD Blvd @ E. FLORAL DR FB 1397-17A

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

SURVEY BY A.C. GUIZADO WEATHER SUNNY INST. NO. N7523

NOTES BY I.T. Rangel DATE 8-10-61 TIME 8:15 to 8:40 ROD NO. 95#9

INDEXED H. E. OTT DATE AUG 29 '61 NOTES CHKD [illegible] DATE 9/6/61

F.B. 2862 PG 99

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. 31-12A TO B.M. 31-11
B.M. 31-12A													B.M. 31-12A
1	188	699	489	5	211 165	46	117	582	418	5	140 94	46	FORD BLVD & E. FLORAL DR
													FB 1397.17A
2	166	027	467	5	189 143	46	164	635	465	5	187 141	46	
3	134	582	435	5	157 111	46	122	418	423	5	145 99	46	
4	145	585	446	5	168 122	46	160	148	461	5	183 137	46	
5	123	498	424	5	140 105	35	168	902	469	5	185 150	35	
Total	758	391				219	733	685				219	
Diff. Elev.	733	685										219	
B.M. 31-11	24	706										438	meters B.M. 31-11
													BM 31-11
													FORD BLVD & BROOKLYN AVE
													FB 1395-11

WEATHER SUNNY INST. NO. N75234

TIME 1:20 TO 1:40 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE 9/6/61

FB 2862 PG. 20 JOB NO. 0301.02

SURVEY OF C.A. CO. PRECISE LEVEL NF

SURVEY BY A.C.G. NOTES I.T.R. 8-10-61

INDEXED DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C. GUIZADO WEATHER SUNNY INST. NO. N7523

NOTES BY I.T. RANGEL DATE 10-10-61 TIME 8:50 TO 9:40 ROD NO. 95796

INDEXED H. E. OTT DATE AUG 29 61 NOTES CHKD [illegible] DATE 9/8/61

F.B. 2862 PG. 41

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 31-12A TO BM 31-14
B.M. 31-12A													B.M. 31-12A
1	187	465	488	5	198 176	22	139	902	440	5	150 128	22	N. FORD BLVD & E FLORAL DR
2	121	912	422	5	144 98	46	204	988	505	5	227 181	46	FB1397-17A
3	121	918	422	5	144 98	46	165	772	466	5	188 142	46	
4	131	312	432	5	154 108	46	167	768	468	5	190 144	46	⊼ A.L. GOBLE
5	137	930	438	5	160 114	46	160	578	461	5	183 137	46	
6	131	858	432	5	154 108	46	175	659	476	5	198 152	46	
7	143	981	444	5	166 120	46	102	290	403	5	125 79	46	
8	176	170	477	5	191 160	31	095	063	396	5	111 80	31	
9	232	582	533	5	255 209	46	052	980	353	5	75 29	46	
10	254	469	555	5	277 231	46	032	961	333	5	55 9	46	
11	205	882	506	5	219 191	28	094	957	395	5	108 80	28	
12	222	423	523	5	236 208	28	130	365	431	5	140 116	28	
Total	2067	902 ✓				476	1523	283 ✓				476	BM 31-14
Diff Elev	1523	283 ✓									METERS	95	MONTEREY PASS Rd & MEDNICK AVE
B.M. 31-14	544	619 ✓											SEE FB1397-18

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.31-14 TO B.M.31-12A
B.M.31-14													B.M.31-14
1	134	811	435	5	148 120	28	227	149	528	5	241 213	28	MONTEREY Ross Rd & MEDNICK AVE
2	095	682	396	5	109 81	28	205	891	506	5	219 191	28	FB1397-18
3	035	291	336	5	58 12	46	259	941	560	5	282 236	46	
4	061	111	362	5	84 38	46	237	701	538	5	260 214	46	
5	096	988	397	5	111 80	31	178	679	479	5	194 163	31	
6	100	812	401	5	123 77	46	142	551	443	5	165 119	46	
7	182	291	483	5	205 159	46	138	227	439	5	161 115	46	
8	159	450	460	5	182 136	46	136	181	437	5	159 113	46	
9	167	490	468	5	190 144	46	131	391	432	5	154 108	46	
10	182	482	483	5	205 159	46	115	478	416	5	138 92	46	
11	183	165	484	5	206 160	46	123	748	424	5	146 100	46	
12	139	052	440	5	150 128	22 477	186	242	487	5	197 175	22 477	BM 31-12A N FORD BLVD & E FLORAL DR
Total	1538	625	✓				2083	179	✓			477 954	FB1397-17A METERS
diff. Elev.							1538	625					
B.M.12-A							544	554	✓				

F.B. 2862 PG. 42

SURVEY OF C.A. CO. PRECISE LEVEL NE

SURVEY BY A.C.G. NOTES I.T.R. 8-10-61

INDEXED DATE

JOB NO. 0301.02

WEATHER SUNNY INST. NO. 175234

TIME 11:45 TO 12:20 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE 9/6/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C. Guizado

NOTES BY I.T. Rangel DATE 8-10-61

INDEXED H. E. OTT DATE AUG 29 '61

WEATHER SUNNY

TIME 9:50 To 10:45

NOTES CHKD. [illegible] DATE [illegible]

INST. NO. N752

ROD NO. 55496

F.B. 2862 Pg. 43

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 31-14 TO B.M. 31-15A
B.M. 31-14													B.M. 31-14
1 +1	260	946	561	5	277 243	34	048	688	349	5	64 31	33	MONTEREY PASS Rd & MEDNICK AVE
													SEE FB 1397-18
2	284	548	585	5	298 270	28	003	747	304	5	x2 17 3	28	
3 +3	294	345	595	5	x2 294 280	28	002	182	303	5	x2 15 2	26	
													⊼ A-L GOBLE
4 +1	278	661	579	5	292 264	28	025	230	326	5	40 10	30	
5	285	382	586	5	x2 285 266	38	049	018	350	5	68 30	38	
6	232	331	533	5	255 209	46	077	392	378	5	100 54	46	
7	216	522	517	5	239 193	46	072	677	373	5	95 49	46	
8	216	266	517	5	239 193	46	079	102	380	5	102 56	46	SUMMATION OF RUN B.M. 31-14 TO B.M. 31-15A
9	222	444	523	5	245 199	46	083	931	384	5	106 60	46	Total B.S. + 3190.517 ✓ Total F.S. - 1097.646 ✓
10	223	650	524	5	246 200	46	094	027	395	5	117 71	46	diff. Elev. + 2092.871 ✓
11	175	497	476	5	198 152	46	136	035	437	5	159 113	46	
12	168	315	469	5	191 145	46	143	976	444	5	166 120	46	
13	163	755	464	5	176 151	25	148	332	449	5	161 136	25	BM 31-15A MONTEREY PASS Rd & 0.8 MI NE Floral Dr
													SEE FB 1397-19A
14	167	855	468	5	185 148	37	133	309	434	5	151 114	37	✓
B.M. 31-15A						540						528	1079 METER

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 75234 ROD NO. 55896 DATE 8/64

WEATHER Sunny TIME 10:45 to 11:40 NOTES CHKD [illegible]

JOB NO. 0301.02 PRECISE LEVELING

SURVEY OF L.A.C.F.C. NOTES DATE 8-10-61

SURVEY BY A.C.G. INDEXED

F.B. 2862 PG. 44

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 31-15A TO B.M. 31-14
B.M. 31-15A													B.M. 31-15A
1 -1	133	752	434	5	151 / 115	36	168	075	469	5	187 / 150	37	MONTEREY PASS Rd & OBMINE FLOOD C
													SEE FB 1397-19A
2	147	921	448	5	160 / 135	25	163	092	464	5	176 / 151	25	
3	139	928	440	5	162 / 116	46	165	683	466	5	188 / 142	46	
4	141	982	442	5	164 / 118	46	179	790	480	5	202 / 156	46	
5	093	741	394	5	116 / 70	46	224	182	525	5	247 / 201	46	
6	082	281	383	5	105 / 59	46	220	542	521	5	243 / 197	46	SUMMATION OF RUN
													B.M. 31-15A TO B.M. 31-14
7	079	362	380	5	102 / 56	46	217	050	518	5	240 / 194	46	Total B.S. + 1112.943'
													Total F.S. - 3205.997'
8	075	622	376	5	98 / 52	46	219	038	520	5	242 / 196	46	diff. Elev. - 2093.054
9	081	496	382	5	104 / 58	46	235	658	536	5	258 / 212	46	
10	050	150	351	5	69 / 31	38	286	140	687	5	X2 256 / 207	38	
11	041	188	342	5	55 / 27	28	278	129	579	5	290 / 264	28	
12 +1	003	108	304	5	X2 17 / 3	28	295	388	596	5	X2 295 / 282	26	B.M. 31-14
													MONTEREY PASS Rd & MEDNICK AVE
13	002	730	303	5	X2 16 / 2	28	290	303	591	5	X2 290 / 276	28	FB 1397-18
14	039	682	340	5	56 / 22	34	262	927	563	5	279 / 245	34	
					480						436		- MTT METER

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C. GUIZADO WEATHER SUNNY INST. NO. [illegible]

NOTES BY I.T. RANGEL DATE 8-10-61 TIME 1:50 TO 2:45 ROD. NO. [illegible]

INDEXED H. F. OFT DATE AUG 29 '61 NOTES CHKD. [illegible] DATE 9/18/61

F.B. 2862 PG. [illegible]

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 31-15A TO B.M. 31-16
B.M. 31-15A													B.M. 31-15A
1	154	370	455	5	177 / 131	46	139	788	440	5	162 / 116	46	MONTEREY PASS Rd & 0.8 MI NE OF
2	168	855	469	5	191 / 145	46	145	307	446	5	168 / 122	46	FLORAL DR FB1397-19A
3	181	035	482	5	204 / 158	46	143	512	444	5	166 / 140	46	
4	162	812	463	5	185 / 139	46	140	444	441	5	163 / 117	46	⊼ A.L. GOBLE
5	165	065	466	5	188 / 142	46	144	283	445	5	167 / 121	46	
6	162	105	463	5	185 / 139	46	123	051	424	5	146 / 100	46	
7	173	772	474	5	196 / 150	46	117	877	418	5	140 / 94	46	
8	179	927	480	5	202 / 156	46	124	764	425	5	147 / 101	46	
9	181	362	482	5	204 / 158	46	120	278	421	5	143 / 97	46	
10	170	717	471	5	193 / 147	46	118	170	419	5	141 / 95	46	
11	174	691	475	5	197 / 151	46	135	998	436	5	158 / 112	46	
12	138	961	439	5	147 / 129	18	192	842	493	5	201 / 183	18	
Total	2013	672	✓			524	1646	314	✓			524	
Diff. Elev	1646	314	✓									524	
B.M. 31-16	367	358	✓									1048	meters B.M. 31-16
													MONTEREY PASS Rd & FREMONT AVE
													FB1397-20

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. 31-16 TO B.M. 31-15
B.M. 31-16													B.M. 31-16
1	195	107	496	5	204 186	18	141	490	442	5	150 132	18	MONTEREY PASS Rd & FREMONT
2	140	012	441	5	163 117	46	178	868	479	5	201 155	46	FB 1397-20
3	124	295	425	5	147 101	46	176	382	477	5	199 153	46	
4	119	147	420	5	142 96	46	180	515	481	5	203 157	46	
5	127	562	428	5	150 104	46	178	958	479	5	201 155	46	
6	109	804	410	5	132 86	46	166	939	467	5	189 143	46	
7	122	157	423	5	145 99	46	163	472	464	5	186 140	46	
8	140	707	441	5	163 117	46	161	377	462	5	184 138	46	
9	139	712	440	5	162 116	46	162	229	463	5	185 139	46	
10	140	212	441	5	163 117	46	178	021	479	5	201 155	46	
11	147	411	448	5	170 124	46	171	812	472	5	194 148	46	
12	140	915	441	5	163 117	46	154	628	455	5	177 131	46	BM 31-15A
Total	1647	041				524	2014	691				524	MONTEREY PASS Rd & 0.8 MI NE
Diff. Elev							1647	041				524	OF FLORAL DR FB1397-19A
B.M. 31-15A							367	650				1048	meters

F.B. 2862 PG. 46

JOB NO. 0301.02

SURVEY OF

SURVEY BY A.C.G. NOTES I.T.R. 8-10-61

INDEXED DATE

WEATHER SUNNY INST. NO. N75234

TIME 2:50 TO 3:45 ROD NO. 95896

NOTES CHKD WJM DATE 9/6/6

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY: R.E. Ort & Rangel WEATHER: Warm INST. NO. 1 & 2
NOTES BY: R.E. Ort DATE: 8-11-61 TIME: 9:25 To 12:20 ROD NO. 1 & 2
INDEXED: R.E. Ort DATE: AUG 29 '61 NOTES CHKD: [illegible] DATE: 9/11/61
F.B. 3862 PG. 47

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM BM 31-16 TO BM 31-17
BM 31-16											BM 31-16
1	162	196	463	5	184 / 139 / 45	190	856	491	5	218 / 167 / 46	MONTEREY PASS Rd & FREMONT AVE
2	138	253	439	5	161 / 115 / 46	166	920	467	5	189 / 143 / 46	FB 397-20
3	150	052	451	5	173 / 127 / 46	189	368	490	5	212 / 167 / 45	
4	164	792	465	5	187 / 141 / 46	161	731	462	5	184 / 138 / 46	T Rangel
5	148	969	449	5	171 / 125 / 46	159	926	460	5	182 / 136 / 46	SUMMATION OF RUN BM 31-16 to BM 31-17
6	137	956	438	5	160 / 114 / 46	164	362	465	5	187 / 141 / 46	TOTAL BACKSIGHTS = 1763.870
7	137	784	438	5	160 / 114 / 46	164	962	465	5	187 / 141 / 46	" FORESIGHTS = 2721.528
8	160	350	461	5	183 / 137 / 46	219	619	520	5	242 / 196 / 46	Diff in Elev = -957.658
9	084	459	385	5	107 / 61 / 46	260	618	561	5	283 / 237 / 46	
10	037	056	338	5	60 / 14 / 46	207	645	508	5	230 / 184 / 46	
11	122	524	423	5	145 / 99 / 46	194	460	495	5	217 / 171 / 46	
12	074	158	375	5	97 / 51 / 46	284	908	585	5	XX 284 / 241 / 46	
13	087	300	388	5	103 / 71 / 32	159	367	460	5	175 / 143 / 32	BM 31-17
14	158	021	459	5	168 / 148 / 20	196	791	497	5	206 / 186 / 20	GARVEY AVE & ATLANTIC BLVD
BM 31-17					LOG					LOG	FB 397-21
											= 1206 Meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 31-17 TO BM 31-16
BM 31-17													BM 31-17
1	196	721	497	5	206 185	21	157	646	458	5	167 147	20	GARVEY AVE & ATLANTIC BLVD
													FB 1397-21
2	159	854	460	5	175 143	32	087	926	388	5	103 71	32	
3	287	243	588	5	297 264	46	076	885	377	5	99 53	46	
4	199	096	500	5	222 176	46	127	038	428	5	150 104	46	
													⊼ Rangel
5	210	118	511	5	233 187	46	039	823	340	5	62 16	46	
6	265	979	566	5	288 242	46	089	760	390	5	117 66	46	SUMMATION OF RUN
													BM 31-17 to BM 31-16
7	224	584	525	5	247 201	46	165	490	466	5	188 142	46	
													TOTAL BACKSIGHTS = 2743.131
8	164	808	465	5	187 141	46	137	105	438	5	160 114	46	" FORESIGHTS = 1785.867
9	171	010	472	5	194 148	46	145	814	446	5	168 122	46	DIFF IN ELEV = +957.264
10	165	650	466	5	188 142	46	152	780	453	5	175 129	46	
11	165	229	466	5	188 142	46	166	669	467	5	189 143	46	
12	177	040	478	5	200 154	46	139	250	440	5	162 116	46	
													BM 31-16
13	164	919	465	5	187 141	46	136	733	437	5	159 113	46	MONTEREY PASS RD & FREMONT AVE
													FB 1397-20
14	190	880	491	5	213 167	46	162	948	463	5	184 139	46	= 1208 METERS
BM 31-16													

WEATHER SUNNY INST. NO. N375234

TIME 10:20 TO 11:10 ROD NO. 55-96

NOTES CHKD [illegible] DATE 9/15/61

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES GEC

INDEXED DATE

F.B. 2862 PG. 48

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY KC Schultz 6/62 WEATHER Sunny INST. NO. 75239
NOTES BY EEC DATE 8-11-61 TIME 12 To 1:30 ROD NO. 75-26
INDEXED H. E. Ott DATE AUG 29 '61 NOTES CHKD WCB DATE 2/19/62
F.B. 2862 Pg 19

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM BM 31-17 TO BM 31-18
BM 31-17											BM 31-17, Atlantic Blvd & Garvey Ave FB 1397-21
1	184	144	485	5	203 165 38	091	017	392	5	110 72 38	
2	266	269	567	5	201 251 30	052	598	353	5	67 37 30	
3	205	913	506	5	228 182 46	143	077	494	5	166 120 46	
4	108	232	409	5	131 85 46	200	846	501	5	223 177 46	Tm: Rougel
5	104	170	405	5	127 81 46	206	078	507	5	229 183 46	
6	132	817	433	5	155 109 46	171	440	472	5	194 148 46	
7	150	433	451	5	173 127 46	179	730	480	5	202 156 46	
8	134	351	435	5	157 111 46	162	606	463	5	185 139 46	
9	141	478	442	5	164 118 46	168	740	469	5	191 145 46	
10	145	509	446	5	169 123 46	169	037	470	5	192 146 46	
11	152	797	453	5	172 132 40	163	596	464	5	183 143 40	
12	155	370	456	5	170 140 30 506	144	469	445	5	158 128 30 506	
Total	1881	483	✓			1853	234	✓		506	
Hi in Elev	1853	234	✓							METERS = 1012	BM 31-18 Garvey & Garfield Ave See FB 1397-22
BM 31-18	28	249	✓								

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 31-18 TO BM 31-17
BM 31-18													BM 31-18 N.W. Cor. Garvey Av. & Garfield Ave. FB 1397-22
1	145	499	446	5	159 / 130	29	157	947	458	5	171 / 142	29	
2	162	775	463	5	182 / 142	40	150	762	451	5	170 / 130	40	—
3	162	087	463	5	185 / 139	46	138	172	439	5	161 / 115	46	↑ A.L. GOBLE 8-15-61
4	167	344	468	5	190 / 144	46	140	528	441	5	163 / 117	46	—
5	158	173	459	5	181 / 135	46	129	403	430	5	152 / 106	46	—
6	178	044	479	5	201 / 155	46	151	042	452	5	174 / 128	46	—
7	172	159	473	5	195 / 149	46	130	102	431	5	153 / 107	46	—
8	201	411	502	5	224 / 178	46	099	841	400	5	122 / 76	46	—
9	201	095	502	5	224 / 178	46	108	187	409	5	131 / 85	46	—
10	145	602	446	5	168 / 122	46	210	436	511	5	233 / 187	46	—
11	054	339	355	5	70 / 39	31	268	200	569	5	283 / 252	31	—
12	089	022	390	5	108 / 70	38 / 506	181	162	482	5	200 / 162	38 / 506	—
TOTAL	1837	550					1865	782			METERS = 1012		BM 31-17
							1837	550					ATLANTIC Blvd & GARVEY Av FB 1397-21
DIFF/ELEV BM 31-17							28	232					

F.B. 2862 PG. 50

SURVEY OF L.A. CO. PRECISE LEVEL NET

JOB NO. 0301.02

SURVEY BY ACG NOTES ACG

INDEXED DATE

WEATHER Sunny INST. NO. 75234

TIME 3:05 to 3:45 ROD NO. 95-96

NOTES CHKD [illegible] DATE 9/15/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

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

SURVEY BY Hic Gutzeit WEATHER Warm INST. NO. 25239

NOTES BY R.E.C. DATE 8-11-61 TIME 1:50 to 2:45 ROD NO. 25-96

INDEXED G. E. Ott DATE AUG 29 '61 NOTES CHKD [illegible] DATE 9/15/61

F.B. 2862 Pg 51

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM BM 31-18 TO BM 31-19
BM 31-18											BM 31-18, NW Cor. Garvey Ave & Garfield Ave. FB 1397-22
1	187	042	488	5	210 / 164 / 46	128	381	429	5	157 / 105 / 46 ✓	
2	179	275	480	5	202 / 156 / 46 ✓	132	301	433	5	155 / 109 / 46 ✓	
3	185	951	486	5	208 / 162 / 46 ✓	127	553	428	5	150 / 104 / 46 ✓	
4	183	722	484	5	206 / 160 / 46 ✓	126	727	427	5	149 / 103 / 46 ✓	Mr Rangel
5	170	410	471	5	187 / 162 / 25 ✓	160	422	461	5	173 / 148 / 25 ✓	
6	137	167	438	5	160 / 114 / 46 ✓	167	875	468	5	190 / 144 / 46 ✓	
7	138	552	439	5	161 / 115 / 46 ✓	185	240	486	5	208 / 162 / 46 ✓	
8	121	001	422	5	144 / 98 / 46 ✓	160	949	461	5	185 / 139 / 46 ✓	
9	145	600	446	5	168 / 122 / 46 ✓	175	730	476	5	198 / 152 / 46 ✓	
10	132	248	433	5	155 / 109 / 46 ✓	172	113	473	5	195 / 149 / 46 ✓	
11	154	303	455	5	173 / 134 / 39 ✓	186	323	487	5	208 / 167 / 39 ✓	
					478 ✓					478 ✓	
										478 ✓	
Total	1735	271 ✓				1723	614 ✓			1356	METERS
Diff in Elev	1723	614 ✓									
	11	657 ✓									
BM 31-19											BM 31-19 N.E. Cor. Emerson & Alhambra Ave FB 1397-P2

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 31-19 TO BM 31-18
BM 31-19													BM 31-19
1	185	283	486	5	205 / 166	39	152	013	453	5	171 / 132	39	EMERSON AVE & ALHAMBRA AVE
													SEE FB 1377-23
2	170	642	471	5	193 / 147	46	132	610	433	5	155 / 109	46	
													⊼ Mr Rangel
3	180	816	481	5	203 / 157	46	149	566	450	5	172 / 126	46	
4	164	719	465	5	187 / 141	46	126	952	427	5	149 / 103	46	
5	191	902	492	5	214 / 168	46	143	150	444	5	166 / 120	46	
6	170	798	471	5	196 / 147	49	140	909	441	5	163 / 117	46	
7	164	683	465	5	176 / 152	24	173	875	474	5	185 / 161	24	
8	128	789	429	5	151 / 105	46	186	560	487	5	209 / 163	46	
9	126	843	427	5	149 / 103	46	185	035	486	5	208 / 162	46	
10	136	369	437	5	159 / 112	46	184	730	485	5	207 / 161	46	
11	132	814	433	5	155 / 109	46	190	251	491	5	213 / 167	46	
						~~477~~ 480						427 ~~454~~	
Total	1753	658					1765	651				~~454~~ 957	METERS 3.9
Diff in Elev							1753	658					
							11	993					BM 31-18
BM 31-18													GARVEY AVE & GARFIELD AVE
													SEE FB 1377-22

F.B. 2862 PG. 52

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY HCG NOTES GEC

INDEXED DATE

JOB NO. 0301.02

WEATHER Warm INST. NO. 75234 N3

TIME 2:45 TO 3:45 ROD NO. 95-96

NOTES CHKD [illegible] DATE 9/15/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A. C. GUIZADO DATE 8-16-61 WEATHER OVERCAST

NOTES BY A.L.G. TIME 8.20 TO 9.10 INST. NO. N3 75234

INDEXED H. E. OTT DATE AUG 29 '61 NOTES CHKD. [illegible] DATE 9/15/61 ROD NO. 95490

F.B. 2862 PG. 53

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS FROM BM 31-19 TO BM 31-20A
BM 31-19													BM 31-19
1	215	304	516	5	238 / 192	46	131	352	432	5	154 / 108	46	EMERSON AVE & ALHAMBRA AVE
													SEE F.B 1397-23
2	176	370	477	5	199 / 153	46	235	178	536	5	258 / 212	46	
3	053	533	354	5	76 / 30	46	240	154	541	5	263 / 217	46	
4	076	950	377	5	99 / 53	46	212	178	513	5	235 / 189	46	
5	100	966	401	5	123 / 77	46	187	152	488	5	210 / 164	46	LE GAULT
6	112	110	413	5	135 / 89	46	194	182	495	5	217 / 171	46	
7	121	860	422	5	144 / 98	46	187	315	488	5	210 / 164	46	
8	121	710	422	5	144 / 98	46	226	236	527	5	245 / 203	46	
9	095	642	396	5	113 / 77	36	227	208	528	5	245 / 209	36	
TOTAL	1074	445	CM			404	1840	955	CM			404	
DIFF IN							1074	445				404	
ELEV							766	510	CM			808	METERS
BM A-79													TBM A-79 SE COR
1	084	072	385	5	99 / 69	30	213	826	514	5	228 / 198	30	EMERSON ~~AVE~~ & NEW AVE
													14' So. of So. end G.R. (ctspk)
2	117	456	418	5	141 / 93	48	185	104	486	5	209 / 161	48	
TOTAL	201	528	CM			78	398	930	CM			78	BM 31-20A
DIFF IN							201	528				78	EMERSON ~~AVE~~ PI & STEVENS AVE
ELEV							197	402	CM			156	SEE F.B 1397-24
BM 31-20A													

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 31-20A TO BM 31-19
BM 31-20A	184	644	485	5	208 160	48	116	966	417	5	140 92	48	BM 31-20A
2	215	545	516	5	230 200	30	085	188	386	5	100 70	30	EMERSON PL & STEVENS
TOTAL	400	189	CM			78	202	754	CM			78	SEE F.B. 1397-24
DIFF IN	202	754										78	
ELEV	197	435	CM									156	
TBM A-79													T.B.M A 79 (SPK) S.E. COR
1	224	181	525	5	242 206	36	092	831	393	5	110 74	36	EMERSON AVE & NEW AVE
2	225	848	526	5	248 202	46	121	655	422	5	144 98	46	at spk 14° So. of So and GR.
3	189	362	490	5	212 166	46	121	012	422	5	144 98	46	
4	187	272	488	5	210 164	46	107	841	408	5	130 84	46	
5	188	880	489	5	211 165	46	103	690	404	5	126 80	46	
6	210	162	511	5	233 187	46	073	232	374	5	96 50	46	⊼ LE GAULT
7	238	469	539	5	261 215	46	053	112	354	5	76 30	46	
8	233	144	534	5	256 210	46	172	319	473	5	195 149	46	
9	125	764	426	5	148 102	46	211	142	512	5	234 188	46	
TOTAL	1823	082	CM			404	1056	834	CM			404	
DIFF IN	1056	834										404	
ELEV	766	248	CM									808	BM 31-19
BM 31-19									METERS				EMERSON AVE & ALHAMBRA AV. SEE F.B. 1397-23

F.B. 2862 PG. 54

JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 8-16-61

INDEXED DATE

WEATHER SUNNY INST. NO. N3 75239

TIME 10:55 TO 11:50 ROD NO. 950 90

NOTES CHKD. [illegible] DATE 7/15/61

76P526B CE # 308 6-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 31-20A TO BM 31-21A
BM 31-20A													BM 31-20A
1	148	424	449	5	171 / 125	46	174	552	474	5	197 / 151	46	EMERSON PL & STEVENS AVE
													SEE F.B. 1397-24
2	126	991	427	5	149 / 103	46	192	555	493	5	215 / 169	46	
3	114	302	415	5	137 / 91	46	198	278	499	5	221 / 175	46	
4	054	794	355	5	77 / 31	46	295	333	596	5	x2 / 295 / 272	46	
5	080	533	381	5	103 / 57	46	214	303	515	5	237 / 191	46	A LE GAULT
6	003	553	304	5	x2 / 26 / 3	46	251	490	552	5	274 / 208	46	
7	061	091	362	5	75 / 47	28	291	875	592	5	x2 / 291 / 277	28	
8	040	303	341	5	48 / 32	16	290	608	591	5	298 / 282	16	
9	110	432	411	5	121 / 99	22	183	893	484	5	194 / 172	22	
TOTAL	740	423	CM			342	2092	893	CM			342	
IFF IN							740	423				342	
ELEV							1352	470	CM			684	METERS
BM A59													TBM NE COR
1	182	944	483	5	194 / 170	24	207	931	508	5	219 / 195	24	EMERSON PL & DEL MAR AVE
													ctspk 20° No. of No. end CR
2	133	130	434	5	144 / 122	22	197	132	498	5	208 / 186	22	
TOTAL	316	074				46	405	063				46	BM 31-21A
IFF IN							316	074				46	EMERSON PL & WILSON WAY
ELEV							88	989	CM			92	FB 1397-25
BM 31-21A													

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

SURVEY BY A C GUIZADO WEATHER SUNNY INST. NO. N3 75234

NOTES BY ALG DATE 8-16-61 TIME 9.10 TO 10.00 ROD NO. 95 & 96

INDEXED R. E. OTT DATE AUG 29 '61 NOTES CHKD. [signature] DATE 9/15/61

F.B. 2862 PG 55

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 31-21A TO BM 31-20A
BM 31-21A	198	730	499	5	209 187	22	133	694	434	5	144 122	22	BM 31-21A
2	204	126	505	5	216 192	24	180	130	481	5	192 168	24	EMERSON PL & WILSON WAY SEE F.B. 1397-25
TOTAL	402	856	CM			46	313	824	CM			46	
DIFF IN	313	824										46	
ELEV	89	032	CM									92	
T.BM A59													T.B.M. A59 (SPK)
1	178	765	479	5	190 166	24	104	253	505	5	116 92	24	EMERSON PL & DEL HAR AVE N.E COR, 20° No. of No. end CL
2	284	884	585	5	292 276	16	038	474	339	5	46 30	16	
3	291	853	592	5	x2 291 277	28	058	512	359	5	72 44	28	
4	248	010	549	5	271 225	46	006	300	307	5	[illegible]	46	
5	222	728	523	5	245 199	46	082	431	383	5	105 59	46	
6	295	778	596	5	x2 295 272	46	059	662	360	5	82 36	46	
7	201	627	[illegible]	5	224 178	46	113	365	414	5	136 90	46	
8	193	958	494	5	216 170	46	137	104	438	5	160 114	46	
9	184	208	485	5	207 161	46	149	505	450	5	172 126	46	
TOTAL	2101	811	CM			344	749	606	CM			344	
DIFF IN	749	606										344	BM 31-20A
ELEV	1352	205	CM								METERS	688	EMERSON PL & STEVENS AV. SEE F.B. 1397-24
BM 31-20A													

F.B. 2862 PG. 56

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 8-16-61

INDEXED DATE

JOB NO. 0301.02

WEATHER SUNNY INST. NO. 75234

TIME 1000 TO 10.55 ROD NO. 95296

NOTES CHKD [illegible] DATE 9/15/61

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY A L C G J U I Z A D O WEATHER SUNNY INST. NO. 5234
NOTES BY H. E. ORR DATE 8-14-61 TIME 1:00 TO 1:20 ROD NO. 95-69
INDEXED DATE 8-29-61 NOTES CHKD DATE 9/15/61

F.B. 2862 Pg. 57

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 31-21A TO BM 31-23
BM 31-21A													BM 31-21A
1	157	845	458	5	180 134	46	186	983	487	5	209 163	46	EMERSON PL & WILSON WAY
													SEE FB 1397-25
2	132	050	433	5	155 109	46	162	937	463	5	195 139	46	
3	116	934	417	5	131 101	30	185	721	486	5	200 170	30	
4	174	968	475	5	180 168	12	144	193	495	5	150 138	12	
TOTAL	581	297	CM			134	675	834	CM			134 134	A LE GAULT
DIFF IN ELEV							581	297				268	METERS
							98	537	CM				
BM 31-22													BM 31-22
1	210	360	511	5	228 192	36	108	818	409	5	126 90	36	EMERSON PL & GARVEY MEMORIAL PARK
DIFF IN ELEV	108	818										36 72	METERS FB 1397-28
	101	542											
BM 31-23													BM 31-23 EMERSON PL. & GARVEY MEMORIAL PARK FB 1397-28

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 31-23 TO BM 31-21A
BM 31-23													BM 31-23
1	116	661	417	5	134 / 98	36	218	190	519	5	255 / 200	36	EMERSON Pl & GARVEY MEMORIAL PA
DIFF IN							116	661				36 / 72	METERS FB1397-28
ELEV							101	529	CM				
BM 31-22													BM 31-22
1	144	502	445	5	150 / 138	12	175	491	476	5	181 / 169	12	EMERSON Pl & GARVEY MEMORIAL
													FB1397-28
2	188	560	489	5	202 / 174	28	118	586	419	5	132 / 104	28	
3	165	480	466	5	188 / 142	46	133	599	434	5	156 / 110	46	
4	190	160	491	5	213 / 167	46	162	422	463	5	185 / 139	46	T LE GAULT
						132						132	
TOTAL	688	702	CM				590	098	CM			132	
DIFF IN	590	098										264	METERS
ELEV	98	604											
BM 31-21A													BM 31-21 A
													EMERSON PL & WILSON WA
													SEE F.B. 1397-27

F.B. 2882 PG. 58

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

SURVEY BY ACG NOTES ALG 8-16-61

INDEXED DATE

JOB NO.

WEATHER SUNNY INST. NO. N37523

TIME 2.30 TO 2.55 ROD NO. 95896

NOTES CHKD [illegible] DATE 9/15/61

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A. C. GUIZADO

NOTES BY A L G DATE 8-16-61

INDEXED H. E. OTT DATE AUG 29 '61

WEATHER SUNNY

TIME 1.20 TO

NOTES CHKD [illegible] DATE 9/13/61

INST. NO. N3 75235

ROD NO. 95690

F.B. 2862 PG 59

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS FROM BM 31-23 TO BM 31-24
BM 31-23													BM 31-23
1	110	881	411	5	128 / 92	36	212	415	513	5	230 / 194	36	EMERSON Pl & GARVEY MEMORIAL PL FB 1397-28
2	098	417	399	5	113 / 83	30	219	989	520	5	234 / 204	30	
3	040	498	341	5	48 / 32	16	264	695	565	5	272 / 256	16	
4	084	488	385	5	107 / 61	46	173	403	474	5	196 / 150	46	
5	134	908	435	5	157 / 111	46	154	727	455	5	177 / 131	46	
6	243	074	544	5	254 / 232	22	092	735	393	5	103 / 81	22	T LE GAULT
7	083	114	384	5	94 / 72	22	270	262	571	5	281 / 259	22	
8	109	721	410	5	132 / 86	46	167	172	468	5	190 / 144	46	
9	153	330	454	5	169 / 137	32	189	172	490	5	205 / 173	32	
TOTAL	1058	431	CM			296	1744	570	CM			296	
IFF IN							1058	431				296	
ELEV							686	139	CM			592	METER
TBM													TBM WM-27 (SPK)
1	172	551	473	5	182 / 161	21	172	844	473	5	182 / 161	21	San Gabriel Blvd & EMERSON PL
DIFF IN							172	551				21	
ELEV							0	293				42	METERS FB 1397-29
M 31-24													BM 31-24
													EMERSON Pl & SAN GABRIEL BLVD FB 1397-29

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 31-24 TO BM 31-23
BM 31-24													BM 31-24
1	170	898	471	5	180 / 160	20	170	640	471	5	180 / 160	20 / 20 / 40	EMERSON PL & SAN GABRIEL BL
DIFF IN	170	64X											FB 1397-29
ELEV	0	25X											
TBM													TBM WM-27
1	188	533	489	5	203 / 173	30	152	561	453	5	167 / 137	30	San Gabriel Blvd & Emerson Pl
													FB 1397-29
2	170	178	471	5	193 / 147	46	112	755	413	5	135 / 89	46	
3	274	001	575	5	285 / 262	23	086	730	387	5	98 / 75	23	
4	095	030	396	5	107 / 83	24	245	817	546	5	257 / 233	24	
5	156	203	457	5	179 / 133	46	135	920	436	5	158 / 112	46	⊼ LE GAULT
6	177	380	478	5	200 / 154	46	089	805	390	5	112 / 66	46	
7	267	793	568	5	275 / 259	16	043	307	344	5	51 / 35	16	
8	227	795	528	5	242 / 212	30	105	230	406	5	120 / 90	30	
9	215	393	516	5	233 / 197	36	113	861	414	5	131 / 95	36	
TOTAL	1772	306	CM			297	1085	986	CM			297	
DIFF IN	1085	986										297	
ELEV	686	320	CM									594	METERS
BM 31-23													BM 31-23
													EMERSON PL & San Gabriel Blvd
													FB 1397-28

WEATHER SUNNY INST. NO. N3 75234

TIME 1:55 TO 2:30 ROD NO. 95296

NOTES CHKD [illegible] DATE 9/14/61

F.B. 2862 PG. 60 0301.02

SURVEY OF C.A. CO. PRECISE LEVEL NF

SURVEY BY ACG NOTES ALG 8-16-61

INDEXED DATE

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
F.B. 2862 Pg. 61
SURVEY BY A. C. GUIZADO WEATHER SUNNY INST. NO. 35235
NOTES BY H. E. OTT DATE 8-16-61 TIME 3:00 TO 3:25 ROD NO. 95499
INDEXED DATE AUG 29 '61 NOTES CHKD DATE 9/15/61

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 31-24 TO BM 1-25A
BM 31-24													BM 31-24
													EMERSON PL & SAN GABRIEL
1	228	560	529	5	251 205	46	107	799	408	5	130 84	46	SEE FB 1397-29
2	217	578	518	5	240 194	46	085	914	390	5	112 64	48	
3	223	210	524	5	246 200	46	117	333	418	5	140 94	46	
4	191	564	492	5	214 168	46	119	815	420	5	142 96	46	T LE GAULT
5	158	943	459	5	171 145	26	112	322	413	5	125 98	27	
												211	
TOTAL	1019	855				210	547	183				210	
DIFF IN ELEV	547	183										421	
	472	672											
BM 31-25													BM 31-25
1	150	080	451	5	158 112	16	172	380	473	5	180 164	16	San Gabriel Blvd & E. Hellman Ave
DIFF IN ELEV							150	080				16	FB 1397-30
BM 1-25A							22	300				32	
													BM 1-25A
													San Gabriel Blvd & E. Hellman Ave
													SEE FB 2858-21

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 1-25A TO BM 31-24
BM 1-25A													BM 1-25A (EL MONTE B-4 RM #5
1	167	623	468	5	175 / 159	16	145	319	446	5	153 / 137	16	SAN GABRIEL BLVD & E HELLMAN AVE
DIFF IN	145	319										16 / 32	FB 2856-21
ELEV	22	304											
BM 31-25													BM 31-25
													SAN GABRIEL BLVD & E HELLMAN A
1	115	603	416	5	129 / 102	27	161	441	462	5	174 / 148	26	FB 1397-39
2	092	317	393	5	115 / 69	46	164	100	465	5	187 / 141	46	
3	117	063	418	5	140 / 94	46	223	095	524	5	246 / 200	46	
4	089	328	390	5	112 / 66	46	218	142	519	5	241 / 195	46	⊼ LE GAULT
5	108	041	409	5	131 / 85	46	228	125	529	5	251 / 205	46	
						211						210	
TOTAL	522	352					994	903				211	
DIFF IN							522	352				421	METERS
ELEV							472	541					
BM 31-24													BM 31-24
													EMERSON PL & SAN GABRIE
													SEE F.B. 1397-29

F.B. 2862 PG. 62

SURVEY OF LACO PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 8-16-61

INDEXED DATE

JOB NO. 0301.02

WEATHER SUNNY INST. NO. N3 75234

TIME 3.25 TO 3.45 ROD NO. 95636

NOTES CHKD DATE 9/15/61

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of L.A.Co. PRECISE LEVEL NET F. B. 2862 PG. 63
J.N. 0301.02 Tape Std °F
Surveyed by G.E. DREIER
Notes G.E. DREIER Date APRIL MAY 1973
Indexed L. M. PALMERI MAY 22 1973

JOB NO. 0301.02

L.A. Co. PRECISE LEVEL NET

LINE NO. 212, LITTLE TIJUNGA AND SAND CN. ROADS

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.

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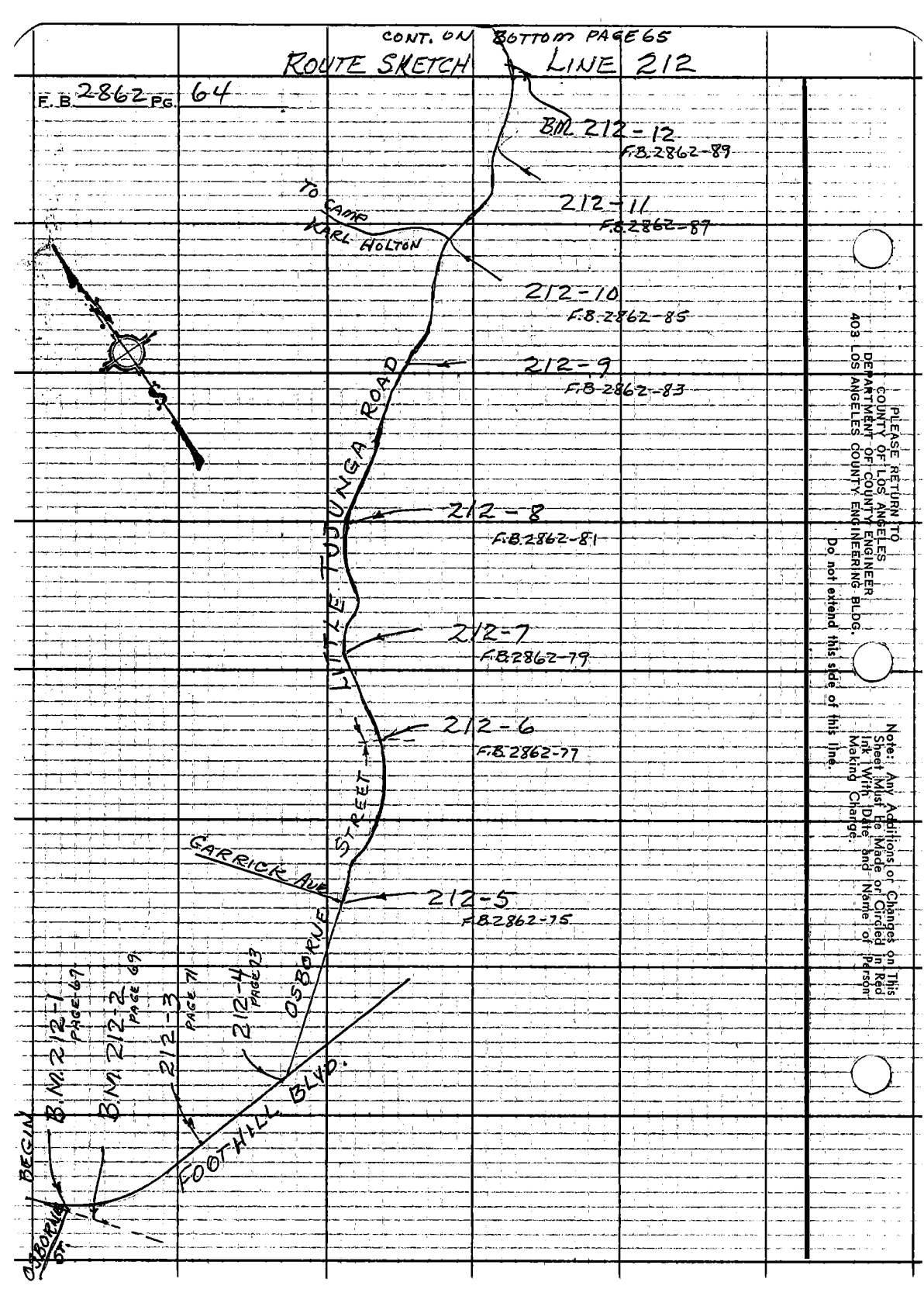
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG

76F309s ce#3 10-3-69

CONT. ON BOTTOM PAGE 65

ROUTE SKETCH — LINE 212

F.B. 2862 PG. 64



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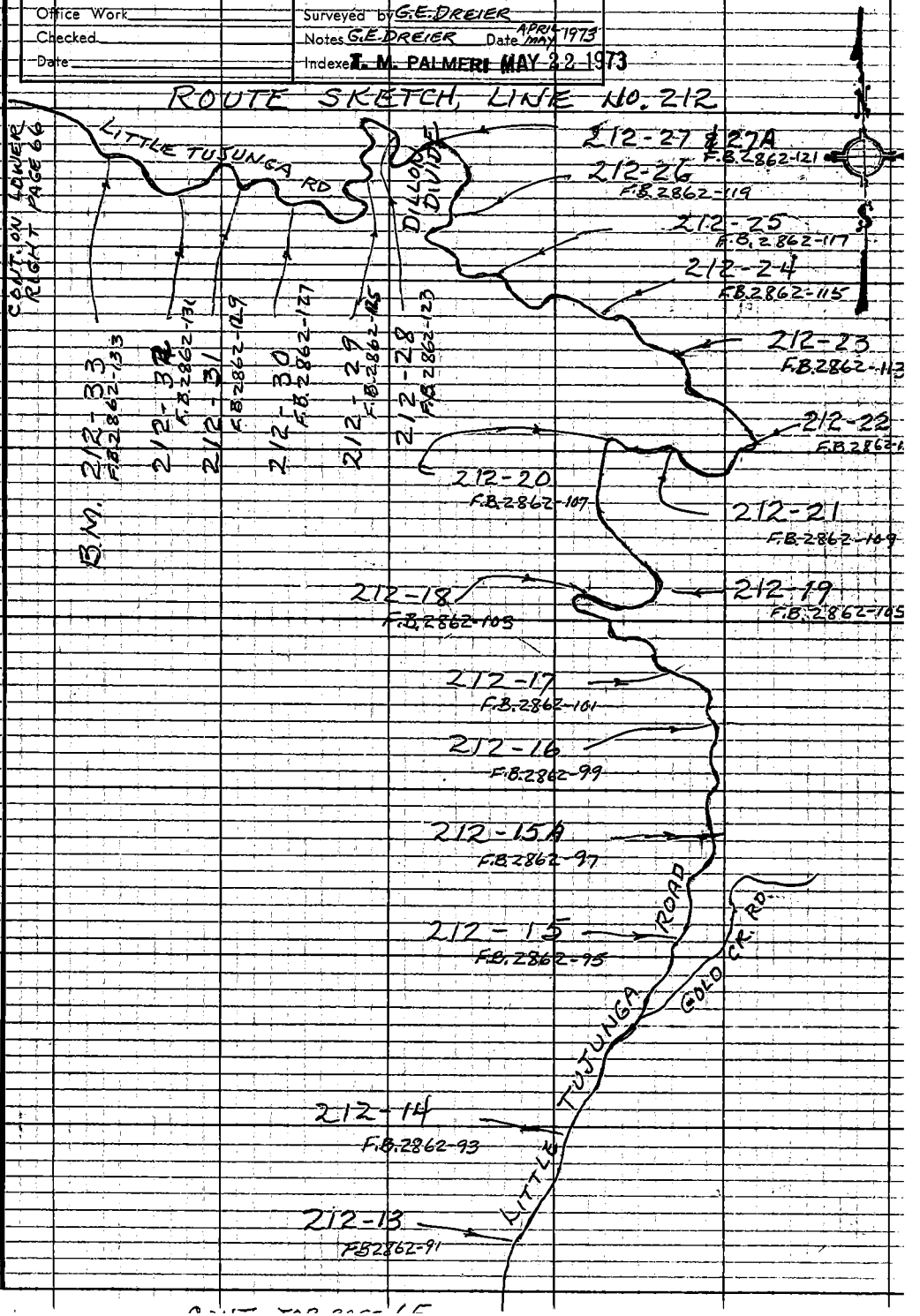
Map No.	JN 030602 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date APRIL MAY 1973
Date	Indexed T. M. PALMERI MAY 22 1973

F.B. 2862 PG. 65

ROUTE SKETCH, LINE NO. 212



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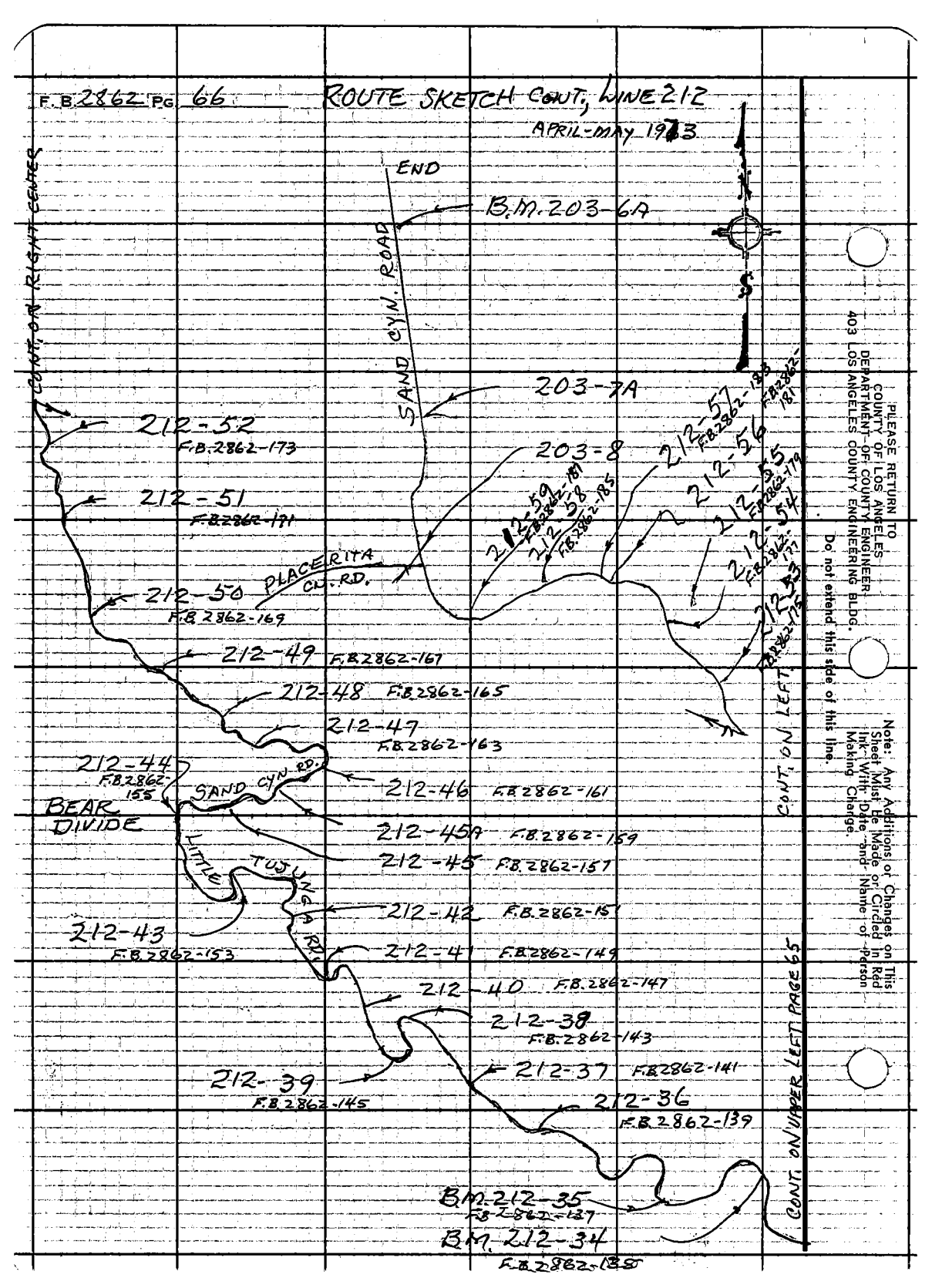
16F309S.CE#310 3-69

F.B. 2862 PG. 66

ROUTE SKETCH CONT; LINE 212

APRIL-MAY 1963



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Map No.	J.N. 030102 Tape Std. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 4-10-1973
Date	Indexed T. M. PALMERI MAY 22 1973

F.B. 2862 PG. 67 ✓

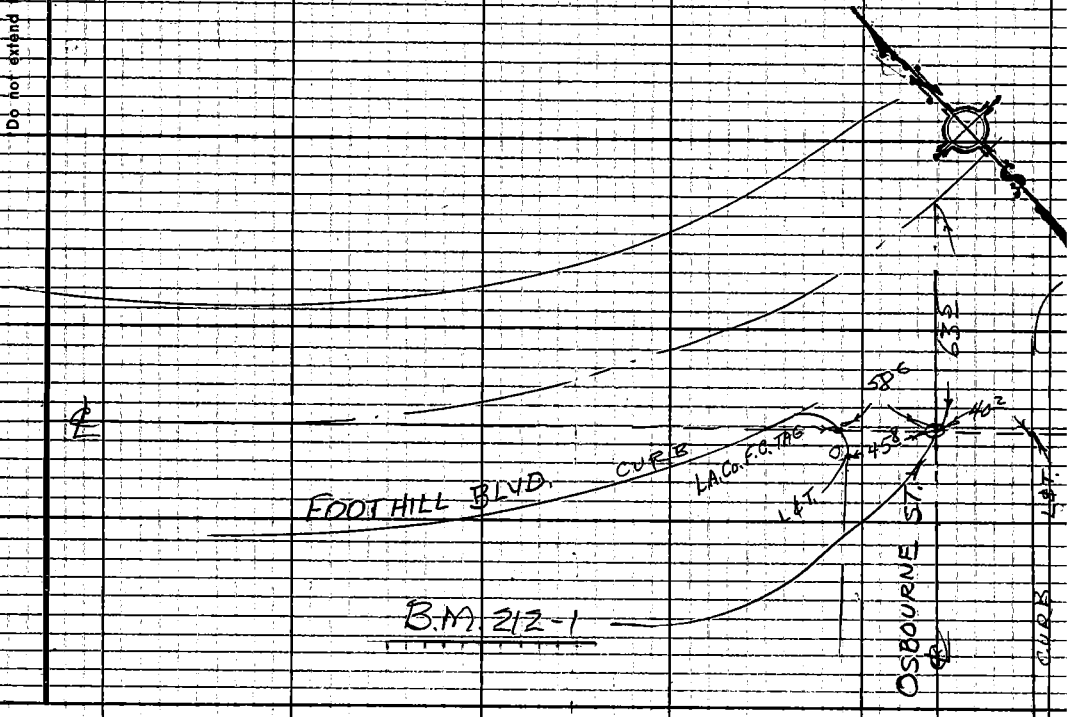
REH 6 JUL 73

B.M. 212-1 ([redacted] 11-72)

FOOTHILL BLVD AND OSBORNE ST, S'LY OF FOOTHILL BLVD, ℄ INTERSECTON OF FOOTHILL PROD. FROM N.W., ABOUT 63.5 FEET S.W. OF CENTER OF INTERSECTION, 58.6 FEET S.E. FROM A L.A.Co.F.C. TAG IN S.W. CURB RETURN, 40.2 FEET N.W. FROM A LEAD AND TACK IN E'LY CURB OF OSBORNE ST, FOUND A 2½ INCH BRASS DISC STAMPED IN CONCRETE 12 INCHES DEEP UNDER A CAST IRON COVER.

CITY OF LOS ANGELES SURVEY DIVISION 11-72

B.M. DESC. OK 8-15-77 T.C. MIYAHIRA



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76F309S CE#310 3-69

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Map No.	J.N. 030.02 Tape Std °F
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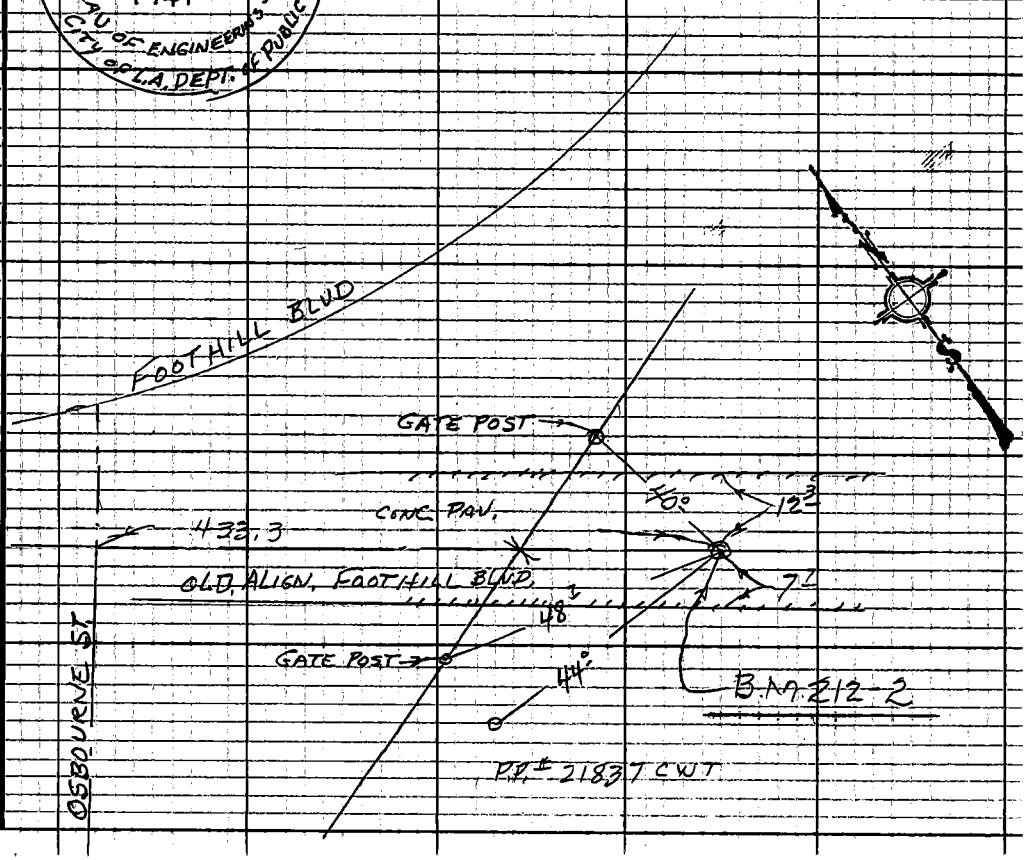
Checked	Notes G.E. DREIER Date 4-16-73
Date	Indexed T. M. PALMERI MAY 22 1973

F.B. 2862 PG. 69 V

B.M. 212-2 (CITY L.A. 03-00360 (5M 22 1941))
OLD ALIGNMENT OF FOOTHILL BLVD, 433.3 FEET S.ELY FROM ℄ OF OSBOURNE ST, ON ℄ PROD. FROM N.W., ABOUT 40 FEET E'LY OF GATE TO HANSEN DAM REC. AREA, 40 FEET S.E'LY FROM NE'LY GATE POST, 48.7 FEET E'LY FROM S.W'LY GATE POST, 44 FEET EASTERLY FROM POWER POLE # 21837 CWT, FOUND A 3½ INCH BRASS DISC STAMPED 5M 22 1941 IN CONCRETE 9 INCHS DEEP UNDER A CAST IRON COVER. (PAV. PAINTED SUN A-4B)

SURVEY CONTROL FIRST ORDER TRAVERSE STATION BUREAU OF ENGINEERING'S SURVEY CITY OF L.A. DEPT. OF PUBLIC WORKS

BM DESC OK 8-15-77 T.C. MIYAHIRA



PAV. PAINT: SUN A-4B

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16 F309 S CE #310 3-69

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Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 4-10-1973
Date	Indexed T. M. PALMERI MAY 22 1973

F.B. 2862 PG. 71 ✓

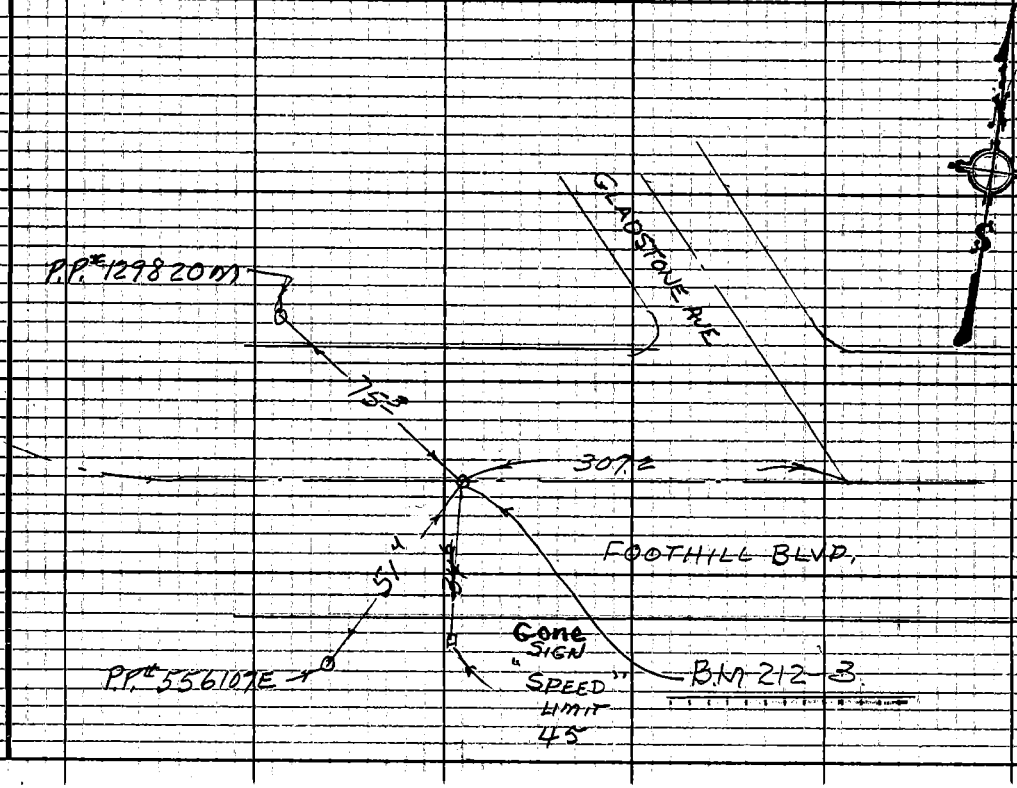
B.M. 212-3 (CITY L.A. 03-00330 (5 N 2 30 1940))

FOOTHILL BLVD, ON ℄ 307.2 FEET WESTERLY FROM THE CENTERLINE OF GLADSTONE AVE, 75.3 FEET S.E. FROM POWER POLE NO 129820 M, 51.4 FEET NORTHEAST FROM POWER POLE NO 556107E, 34.6 FEET NORTH OF A "SPEED LIMIT 45" SIGN, FOUND A 3½ INCH BRASS DISC STAMPED IN CONCRETE 12 INCHES DEEP UNDER A CAST IRON COVER

FIRST ORDER SURVEY CONTROL TRAVERSE STATION 5 N 2 30 1940 BUREAU OF ENGINEERING SURVEY DIVISION CITY OF L.A. DEPT. OF PUBLIC WORKS

REH
14 NOV 73

BM DESC. OK 8-15-77 T.C. MIYAHIRA



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16F309S CE#310 3-69

Notes Ck'd by	Survey of 1st A.C. & PRECISE LEVEL NET
Map No.	J.N. 2301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 4-10-1973
Date	Indexed T. M. PALMERI MAY 22 1973

F.B. 2862 PG. 73 ✓

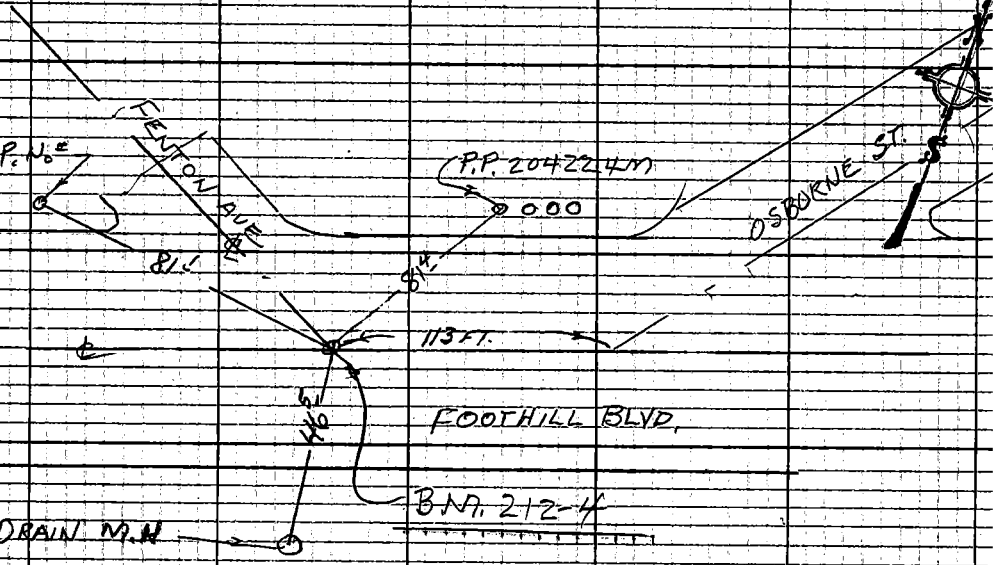
B.M. 212-4 (CITY L.A. 03-00300 (5 N 21 1940))

FOOTHILL BLVD. AND FENTON AVE., CENTER LINE INTERSECTION, 113 FEET WEST OF OSBORNE ST., TO N.E., 81.1 FEET S.E. FROM A POWER POLE, 81.4 FEET S.W. FROM POWER POLE NO. 2042244M, 46.5 FEET NORTH OF A DRAIN MANHOLE, FOUND A 3½ INCH BRASS DISC STAMPED IN CONCRETE 13 INCHES DEEP UNDER A CAST IRON COVER

B.M. DESC OK
8-15-77
T.C. MIYAHIRA

5 N 21
18 JUL 73 REV.

FIRST ORDER SURVEY CONTROL
TRAVERSE STATION
5-10-72
1940
BUREAU OF ENGINEERING SURVEY, CITY OF L.A. DEPT. OF PUBLIC WORKS



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309 s ice #310 3-69

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Office Work
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Date

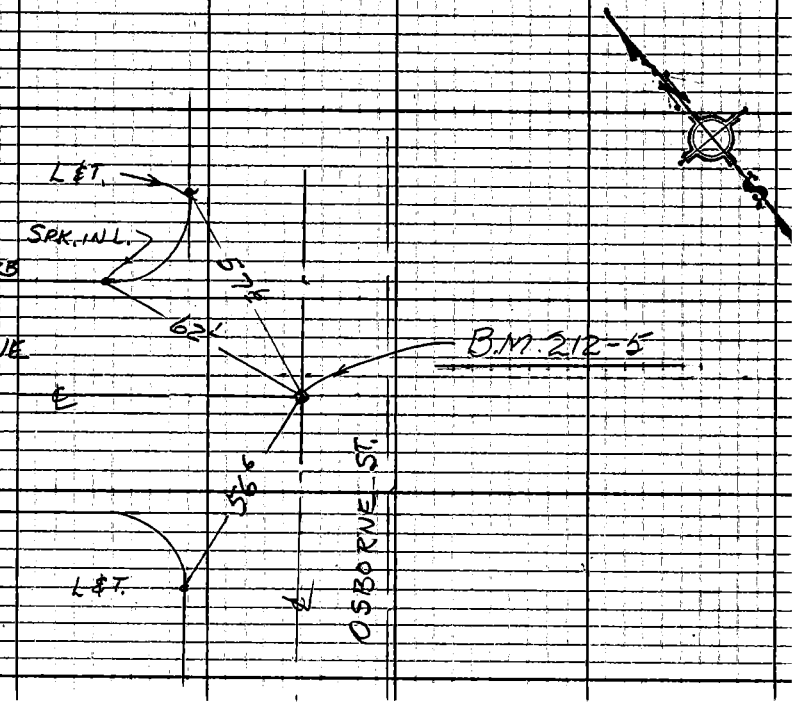
Survey of L.A.Co. PRECISE LEVEL NET
J.N. 0301.02 Tape Std °F
Surveyed by G.E. DREIER
Notes G.E. DREIER Date 4-10-1979
Indexed M. PALMER MAY 22 19

F.B. 2862 PG. 75

B.M. 212-5

OSBORNE STREET AND GARRICK AVE, CENTERLINE INTERSECTION, 57.6 FEET SOUTH OF A LEAD AND TACK AT NORTH EAST END OF CURB RETURN, N.W. COR., 62.1 FEET S.E. OF A SPK. IN LEAD AT NORTH WEST END OF CURB RETURN, N.W. COR., 56.6 FEET NORTH EAST FROM A L&T TACK AT S.W. END END OF CURB RETURN, S.W. Co. FOUND A 3/4 INCH ROUND BAR IN CONCRETE 6 INCH DEEP UNDER A "CITY OF LOS ANGELES" CAST IRON COVER.

B.M. DESC OK 8-15-77 T.C. MIYAHIRA



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309 s ce#310 3-69

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Date

Survey of L.A.Co. PRECISE LEVELNET
J.N. 0301.02 Tape Std °F
Surveyed by G.E. DREIER
Notes G.E. DREIER Date 4-10-1973
Index T. M. PALMER MAY 22 1973

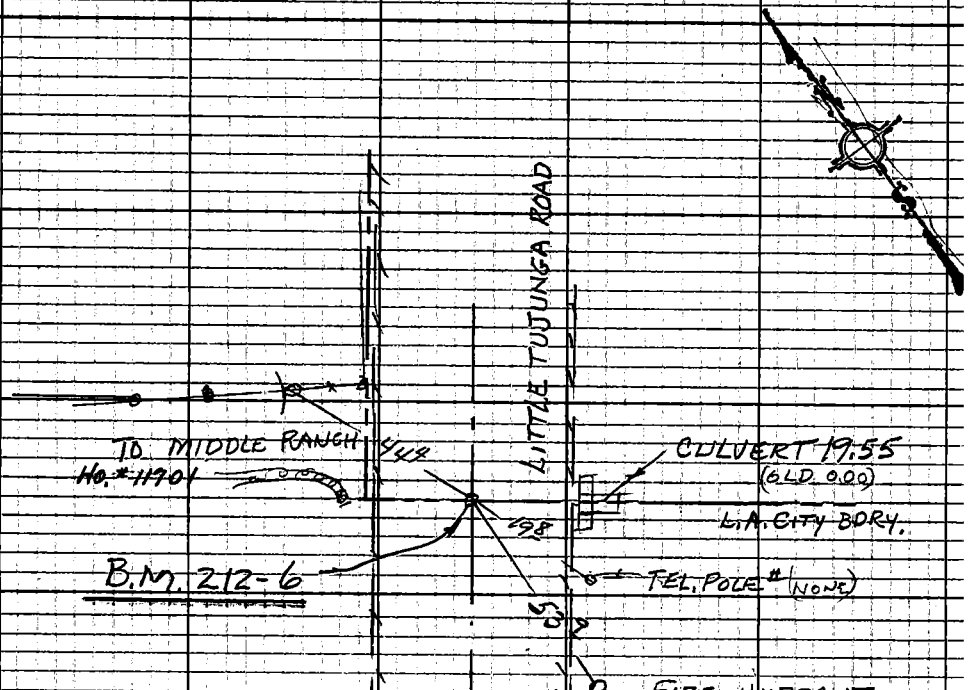
F.B. 2862 PG. 77 ✓

B.M. 212-6

OSBORNE ST. - LITTLE TUJUNGA ROAD, 0.85 MILE NORTHEAST FROM FOOTHILL BLVD, AT CULVERT 19.55 (OLD 0.00), AT DRIVEWAY TO HOUSE NO. 11701 (MIDDLE RANCH), 44.4 FEET S.E'LY FROM A GATE POST, 53.9 FEET N'LY FROM A FIRE HYDRANT, 19.8 FEET N. W'LY FROM A TELEPHONE POLE, FOUND A 2½ INCH BRASS DISC MARKED → IN CONCRETE 9 INCHES DEEP UNDER A CAST IRON COVER

CITY OF LOS ANGELES
8-72
SURVEY DIV. 2

B.M. DESC. OK. 8-15-77 T.C. MIYAHIRA



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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16F309S (CE#310 3-69)

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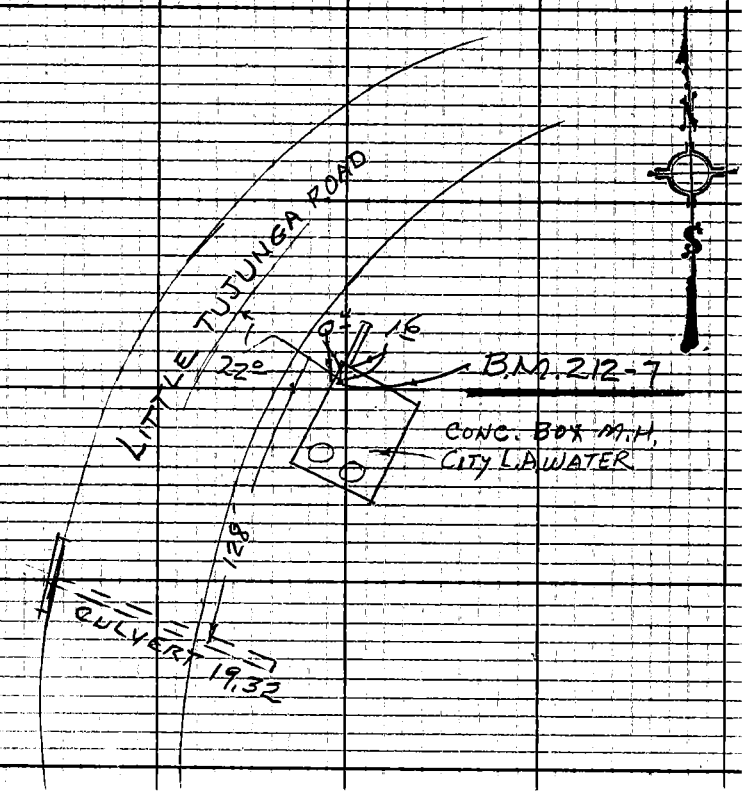
Survey of L.A.Co. PRECISE LEVEL NET
J.N. 0301.02 Tape Std °F.
Surveyed by G.E. DREIER
Notes G.E. DREIER Date 4-1-1973
Indexed T. M. PALMERI MAY 22 1973

E.B. 2862 PG. 79 ✓

B.M. 212-7

LITTLE TUJUNGA ROAD, 1.1 MILE NORTHERLY FROM FOOTHILL BLVD., ABOUT 128 FEET N'LY FROM CULVERT 19.32, 22 FEET S.E'LY FROM THE CENTER OF THE PAVEMENT, FOUND A BOAT SPK. IN TOP OF N.W.'LY CORNER OF A CONCRETE BOX MANHOLE, PAINTED "B.M."

B.M. DESC. O.K. 8-15-77 T.C. MIYAHIRA



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16F309 s CE#310 3-69

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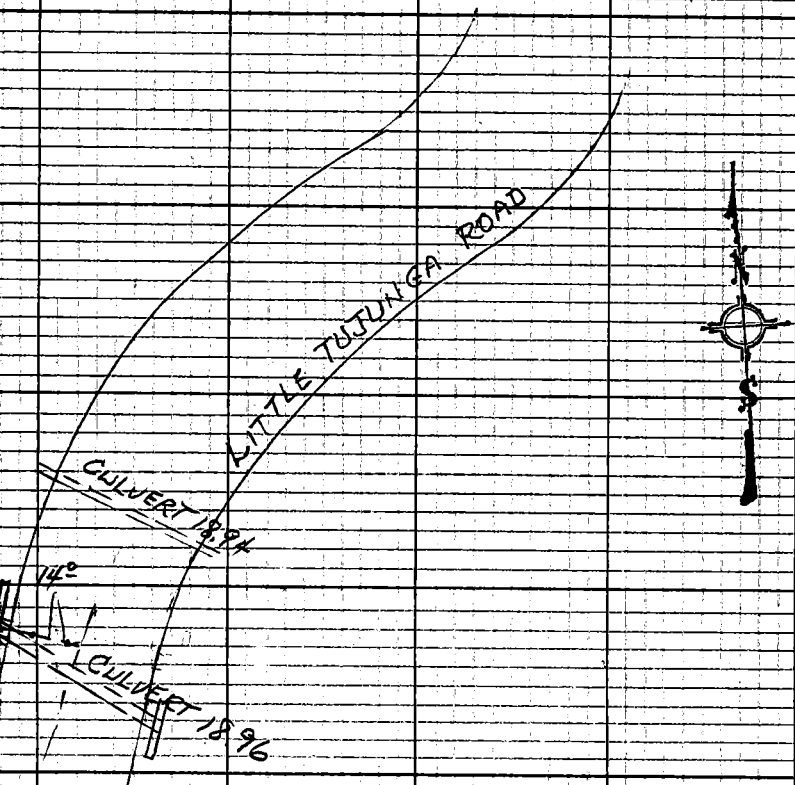
Survey of L.A.Co. PRECISE LEVEL NET F.B. 2862 PG. 81
J.N. 030102 Tape Std °F
Surveyed by G.E. DREIER
Notes G.E. DREIER Date 4-11-1973
Indexed L. M. PALMERI MAY 22 1973

B.M. 212-8 (U.S.G.S. R67 1927)

LITTLE TUJUNGA ROAD, 1.45 MILES NORTHERLY FROM FOOTHILL BLVD., AT CULVERT 18.96, 14 FEET WEST OF THE CENTER OF THE PAVEMENT, IN TOP OF A CONCRETE HEADWALL 8.8 FEET FROM S'LY END, FOUND A U.S.G.S. 3½ INCH BRASS DISC STAMPED "R 67 ~~1927~~ 1929" ABOUT 18 INCHES HIGHER THAN THE PAVEMENT

B.M. Desc. O.K. 8-15-77 T.C. MIYAHIRA



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Checked	Notes G.E. DREIER Date 4-11-1973
Date	Indexed T. M. PALMERI MAY 22 1973

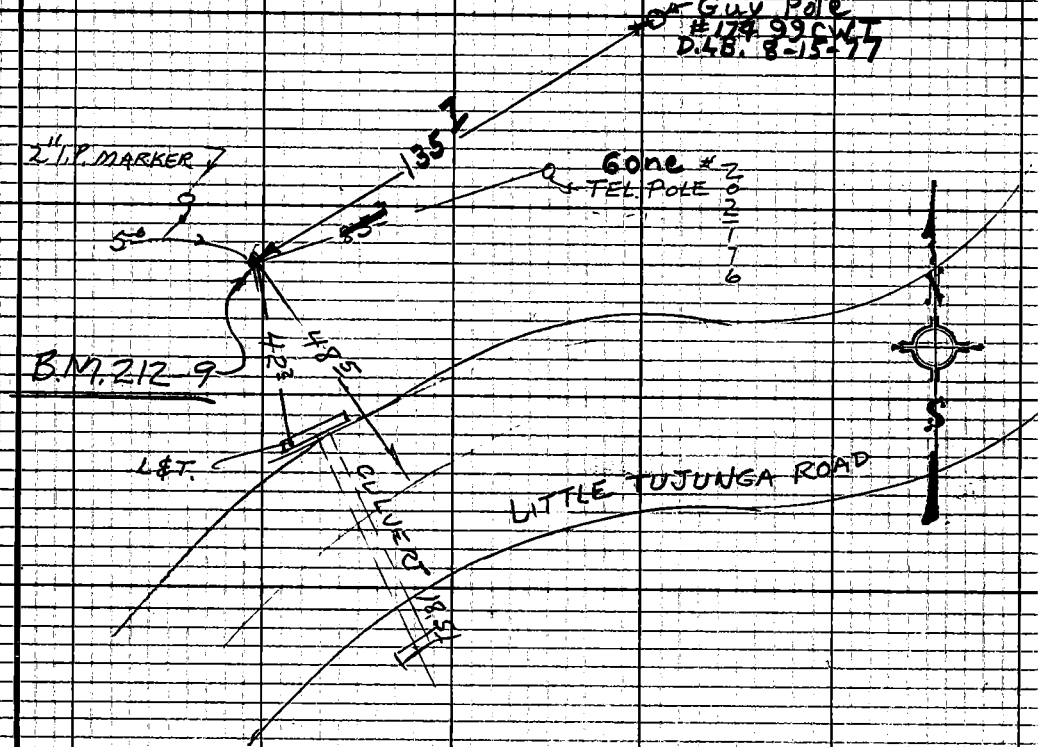
F.B. 2862 PG. 831

B.M. 212-9 (F.C. B.M. 35-43) (SEC. COR 32|33 / 5)

LITTLE TUJUNGA ROAD 1.9 MILES NORTHERLY FROM FOOTHILL BLVD., 48.5 FEET N.W'LY FROM THE CENTER OF THE PAVEMENT, 42.1 FEET NORTHLY FROM A LEAD AND TACK IN S'LY END OF A HEADWALL TO CULVERT 18.51, 85.7 FEET S.W'LY FROM TELEPHONE POLE 202-176, FOUND A 2½" BRASS CAP STAMPED IN CONCRETE 18 INCHES BELOW GROUND SURFACE.

COUNTY SURVEYORS T3N 35.32|5.33 S.5 T2N MONUMENT

B.M. DESC. OK 8-15-77 T.C. MIYAHIRA



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84²

76F309S CE#310 3-69

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Checked	Notes G.E. DREIER Date 4-11-1973
Date	Indexed L. M. PALMERI MAY 22 1973

F.B. 2862 PG. 85 ✓

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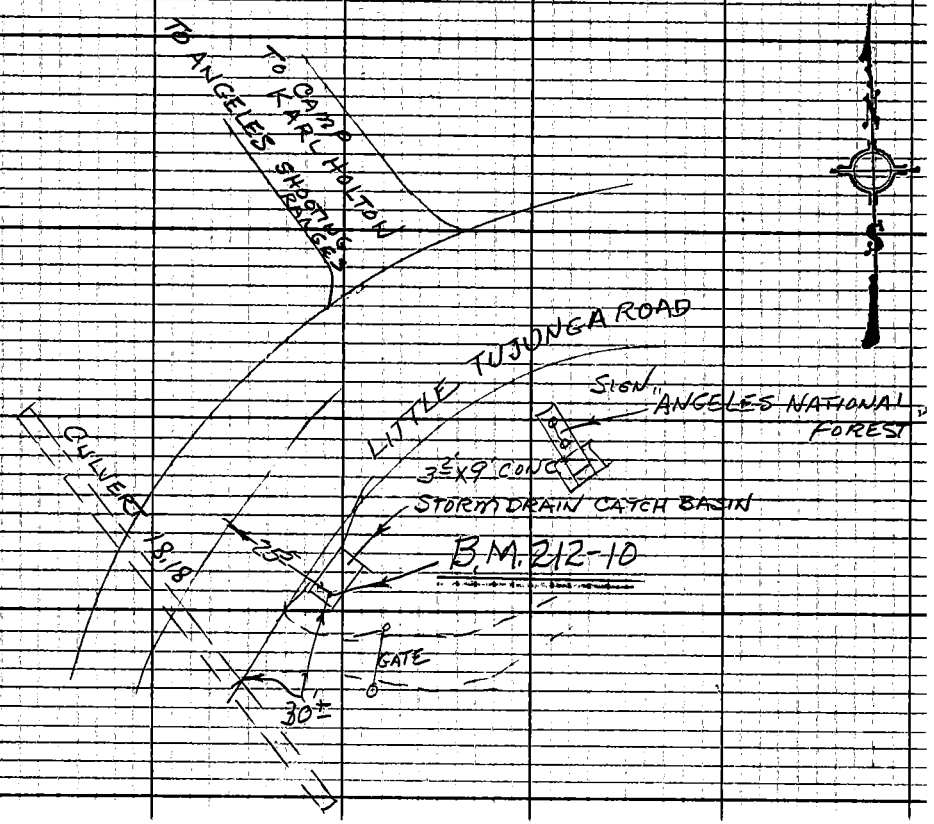
16 F309S CE#310 3-69

B.M. 212-10

LITTLE TUJUNGA ROAD, 2.25 MILES NORTHERLY FROM FOOTHILL BLVD, ABOUT 30 FEET NORTH EAST OF CULVERT 18.18, AT ROAD TO "CAMP KARL HOLTON" 25.5 FEET SOUTHEAST FROM THE CENTER OF THE PAVEMENT, SET A 2¾ INCH BRASS DISC STAMPED, IN TOP OF S.E.LY CORNER OF A CONC. STORM DRAIN CATCH BASIN, WITH A SMALL BUTTON

COUNTY ENGINEER
B.M. 212-10
1973
R.E. 7078

BM DESC OK 8-15-71 T.C. MAHRA



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Map No.	J.N. 30102 Tape Std °F.
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Checked	Notes G.E. DREIER Date 4-4-1973
Date	Indexed T. M. PALMERI MAY 22 1973

F.B. 2862 PG. 87

B.M. 212-11 DESTROYED

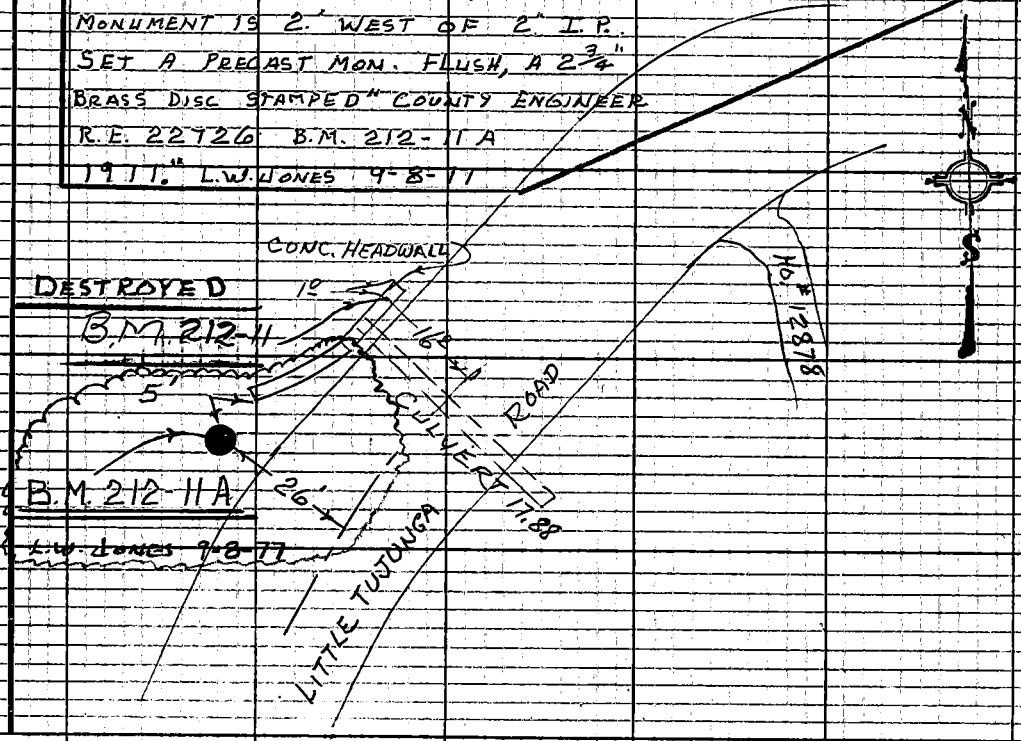
LITTLE TUJUNGA ROAD, 2.5 MILES NORTHERLY FROM FOOTHILL BLVD, AT CULVERT 17.88, S.W. OF DRIVEWAY TO HOUSE NO. 12878, IN TOP OF THE N.W'LY CONCRETE HEADWALL, 1 FOOT FROM THE N.E'LY END, SET A 2 3/4 INCH BRASS DISC STAMPED → WITH A SMALL BUTTON.

DESTROYED BY CONSTRUCTION
8-15-77
T.C. MIYAHIRA

COUNTY ENGINEER
B.M. 212-11
1973
R.E. 7078

B.M. 212-11A

LITTLE TUJUNGA ROAD, 2.5 MILES NORTHERLY FROM FOOTHILL BLVD., AT CULVERT 17.88, S.W. OF DRIVEWAY TO HOUSE NO. 12878, 5.0' SOUTH WEST OF ROCK AND CONC. HEADWALL, 26" WEST OF ℄ OF ROAD. MONUMENT IS 2' WEST OF 2" I.P. SET A PRECAST MON. FLUSH, A 2 3/4" BRASS DISC STAMPED "COUNTY ENGINEER R.E. 22726 B.M. 212-11A 1911." L.W. JONES 9-8-77



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Survey of L.A.Co. PRECISE LEVEL NET F.B. 2862 PG. 89
J.N. 1301.02 Tape Std °F
Surveyed by G.E. DREIER
Notes G.E. DREIER Date 4-14-1973
Indexed T. M. PALMERI MAY 22 1973

DESTROYED

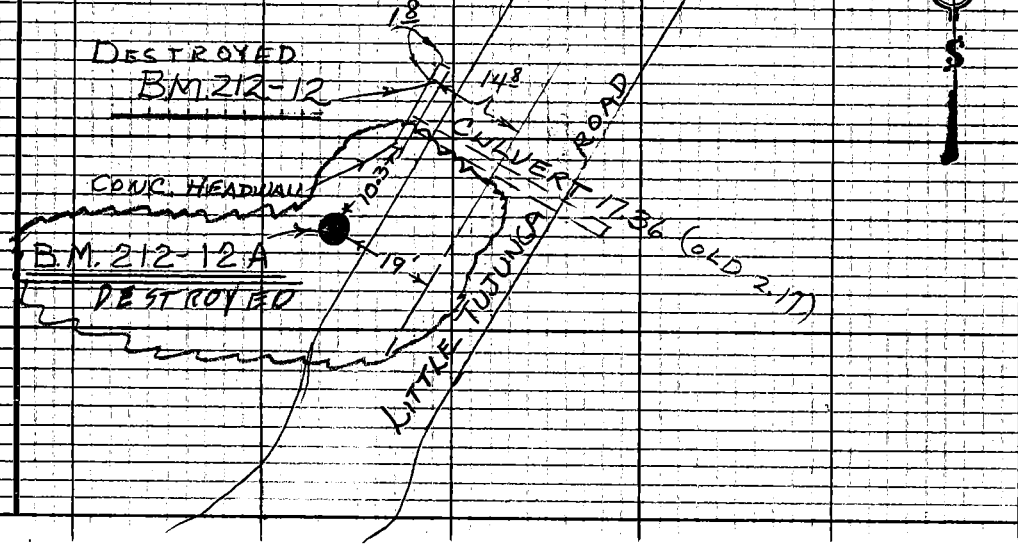
BM. 212-12 (U.S.G.S. 45 FMK 1971) DESTROYED
LITTLE TUJUNGA ROAD, 3.0 MILES NORTHERLY FROM FOOTHILL BLVD. AT CULVERT 17.36, 14.8 FEET N.WLY FROM THE CENTER OF THE PAVEMENT IN TOP OF CONCRETE HEADWALL 1.8 FEET FROM N.ELY END, FOUND A 3⅝ INCH U.S.G.S. ALUMINUM DISS (OR SOME SOFT SILVER GREY METAL) STAMPED "45 FMK 1971" ABOUT 6" ABOVE THE PAVEMENT

DESTROYED By CONSTRUCTION 8-15-77 T.C. MIYAHIRA

B.M. 212-12 A

LITTLE TUJUNGA ROAD 3.0 MILES NORTHERLY FROM FOOTHILL BLVD. AT CULVERT 17.36, 10.3 FT. S. WLY FROM SO. END OF HEADWALL, 19' FT. WEST OF ℄, SET A 6" PRECAST MON. FLUSH, A 2¾" BRASS DISC STAMPED "COUNTY ENGINEER R.E. 22726 B.M. 212-12 A 1977" L.W. JONES 9-8-77 NOTE: MARKER FIVE 2.0 EAST OF MON.

BM 212-12 A
DESTROYED BY FLOODS 1978, NOT FEASIBLE TO REPLACE AT THIS TIME. J.F. TRETTEEN 6-22-78



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16F3095 CE#310 3-69

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J.N. 230.02 Tape Std °F
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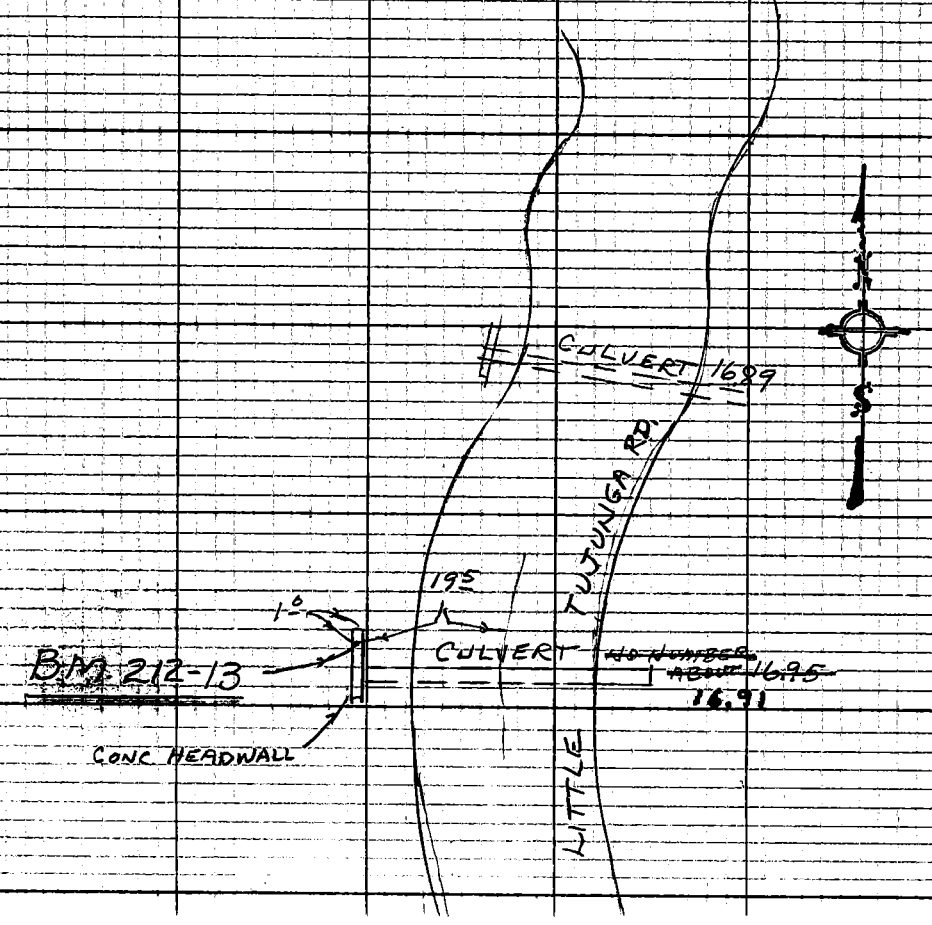
Notes G.E. DREIER Date 4-14-1973
Indexed L. M. PALMERI MAY 22 1973

F.B. 2862 PG. 91

B.M. 212-13

LITTLE TUJUNGA ROAD, 3.45 MILES NORTHERLY FROM FOOTHILL BLVD, AT CULVERT, NO NUMBER, ABOUT 16.95, 19.5 FEET WEST FROM THE CENTER OF THE PAVEMENT, IN TOP OF THE CONCRETE HEADWALL, 1 FOOT FROM THE NORTH END, SET A 2 3/4 INCH BRASS DISC STAMPED COUNTY ENGINEER B.M. 212-15 WITH SMALL BUTTON, ABOUT 6 INCHES ABOVE THE PAVEMENT

B.M. DESC. OK 8-15-77 T.C. MIYAHIRA 1973 RE 7078



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16F309S CE#310 3-69

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Checked	Notes G.E. DREIER Date 4-14-1973
Date	Index T. M. PALMERI MAY 22, 1973

F.B. 2862 PG. 93

B.M. 212-14 - DESTROYED

LITTLE TUJUNGA ROAD, 3.75 MILES NORTHERLY FROM FOOTHILL BLVD, AT CULVERT 16.66, 27.2 FEET WEST FROM THE CENTER OF THE PAVEMENT IN THE TOP OF THE ROCK AND CONCRETE HEADWALL, 1 FOOT SOUTH OF THE NORTH END, SET A 2 1/4 INCH BRASS DISC STAMPED COUNTY ENGINEER BM 212-14 1973 R.E. 7098 WITH SMALL BUTTON, ABOUT 12" LOWER THAN THE PAVEMENT.

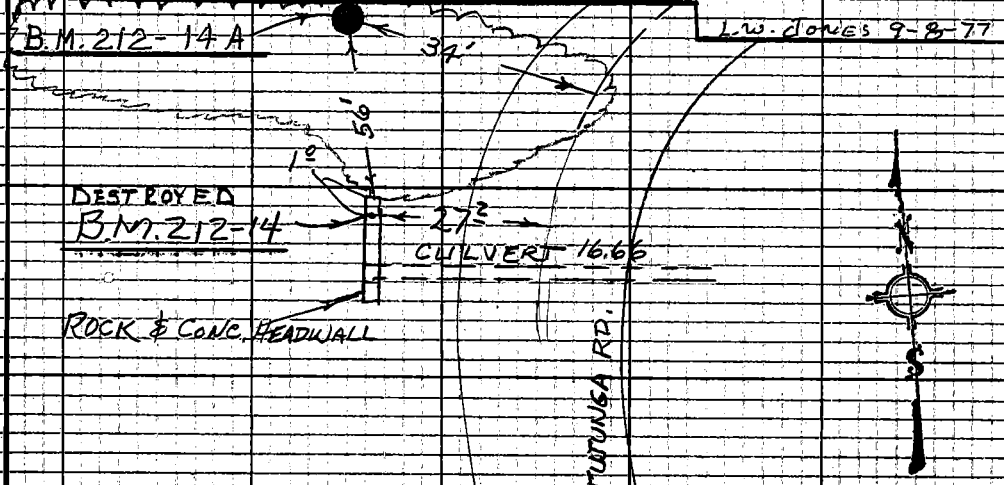
DESTROYED BY CONSTRUCTION 8-15-77 T.C. MIYAHIRA

B.M. 212-14 A

NOTE: MON. 2.0' WEST OF MARKER PIPE

LITTLE TUJUNGA ROAD, 3.75 MILES NORTHERLY FROM FOOTHILL BLVD., AT CULVERT 16.66, FT. NORTH FROM NORTH EDGE HEADWALL AND FT. WEST OF E OF ROAD. SET A 6" PRECAST MON. FLUSH, STAMPED A 2 3/4" BRASS DISC, "COUNTY ENGINEER R.E. 22726 B.M. 212-14A 1977"

L.W. JONES 9-8-77



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E.B. 2862 PG. 95 ✓

B.M. 212-15 DESTROYED

LITTLE TUJUNGA ROAD, 4.3 MILES NORTHERLY FROM FOOTHILL BLVD, AT CULVERT 16.12, 14.5 FEET W'LY FROM THE CENTER OF THE PAVEMENT, IN TOP OF THE ROCK AND CONCRETE HEADWALL 1.3 FEET SOUTH OF THE NORTH END, SET A 2 3/4 INCH BRASS DISC STAMPED WITH SMALL BUTTON ABOUT 27 INCHES ABOVE THE PAVEMENT.

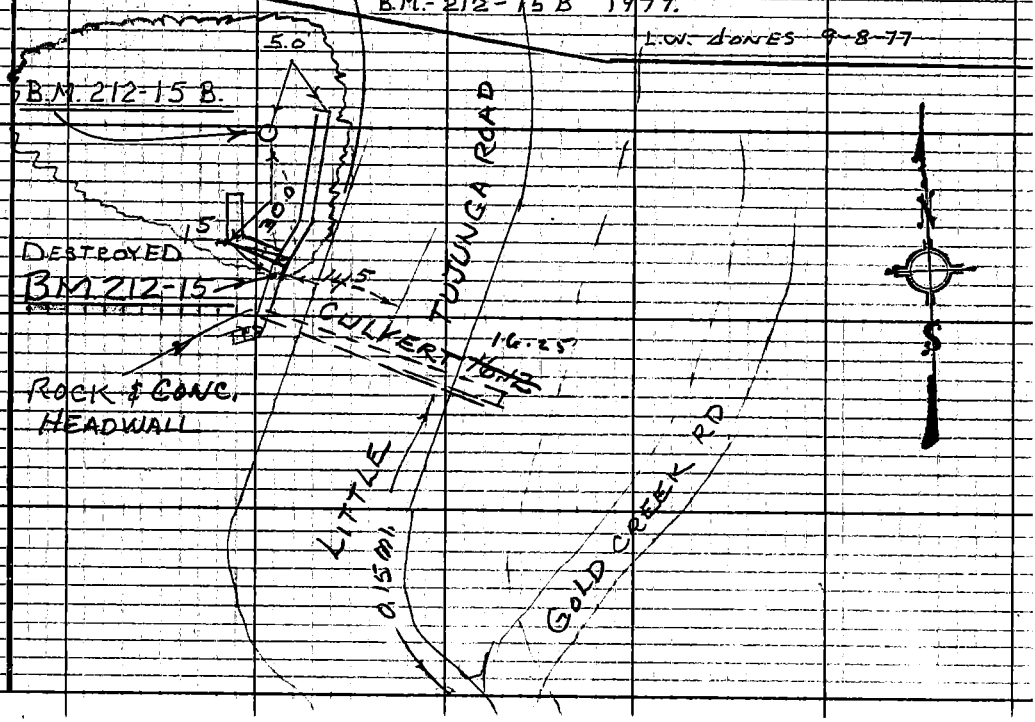
COUNTY ENGINEER BM 212-15 1973 R.E. 7078

DESTROYED By CONSTRUCTION 8-15-77 T.C. MIYANIRA

B.M. 212-15 B.

LITTLE TUJUNGA ROAD, 4.3 MILES NORTHERLY FROM FOOTHILL BLVD, AT CULVERT ~~16.12~~ 16.25, 5.0' So. W'LY FROM No. END OF ROCK AND CONC. HEADWALL 30.0 No. E'LY FROM X PT. AT DRAIN, 2.0' WEST OF 2" MARKER PIPE SET A 6" PRECAST BUTTON MON. FLUSH STAMPED "COUNTY ENGINEER R.E. 22726 B.M. 212-15 B 1977."

L.W. JONES 9-8-77



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Date	Indexed T. M. PALMER MAY 22 1973

F. B. 2862 PG. 97

B.M. 212-15A

0.4 MI. N. OF GOLD CK. RD.

LITTLE TUJUNGA ROAD, 4.6 MILES NORTHERLY FROM FOOTHILL BLVD., AT A PICNIC AREA ON N'LY SIDE OF A PAVED ROAD TO HOUSE NO. 14256, 80.5 EASTERLY FROM THE CENTER OF THE PAVEMENT, 11.2 FEET NORTHERLY FROM POWERPOLE 19458 79E, 54.8 FEET N.W'LY FROM W'LY OF 4 FORKED LIVE OAK, IN TOP OF A 2.5 X 4.5 FOOT GREY AND WHITE ROCK ON CUT SLOPE, SET A 2¾ INCH BRASS DISC STAMPED WITH SMALL BUTTON ABOUT 6 FEET ABOVE PAVEMENT

B.M. DESC OK
8-15-77
T-C. MIYAHIRA

COUNTY ENGINEER
B.M. 212-15A
1973
R.E. 7-0-78

HOUSE

2.5 x 4.5 ROCK GREY & WHITE

80.5

24°

54.8

4 LIVE OAKS

DOUBLE LIVE OAK

FOUND U.S.G.S. R68 1929
DESTROYED:- ROCK TURNED OVER

LITTLE TUJUNGA RD (A 80')

11.2'

HO. #14256

STREAM

P.P. 19458 79E

N

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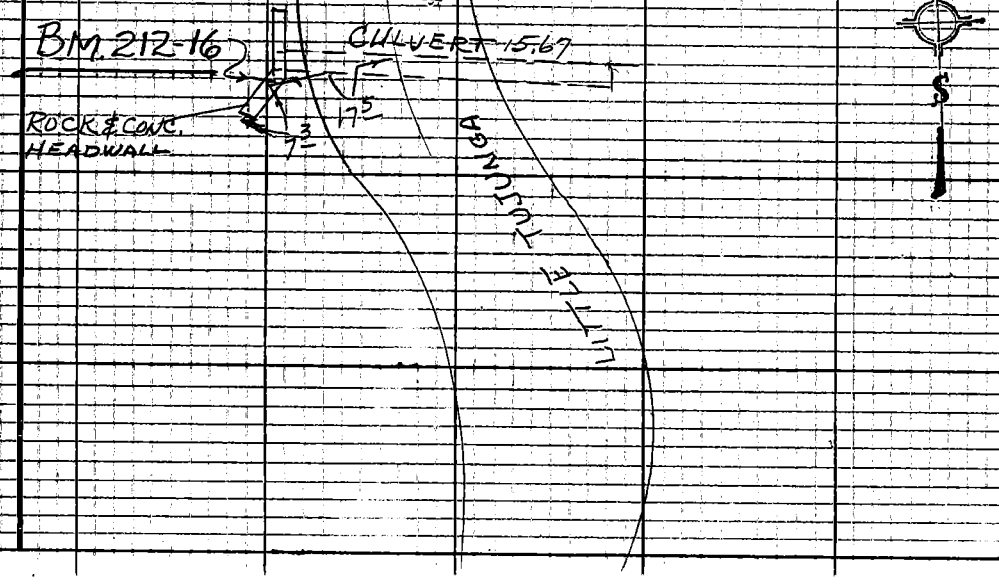
B.M. 212-16

LITTLE TUJUNGA ROAD, 4.75 MILES NORTHERLY FROM FOOTHILL BLVD, AT CULVERT 15.67, 17.5 FEET WEST FROM THE CENTER OF THE PAVEMENT IN TOP OF A ROCK AND CONCRETE HEADWALL 7.3 FEET N.E'LY FROM S.W. END, SET A 2 3/4 INCH BRASS DISC STAMPED ?, WITH SMALL BUTTON, ABOUT 15 INCHES ABOVE THE PAVEMENT

COUNTY ENGINEER
B.M. 212-16
1973
R.E. 7078

B.M. DESC OK 8-15-77 T.C. MIYAHIRA



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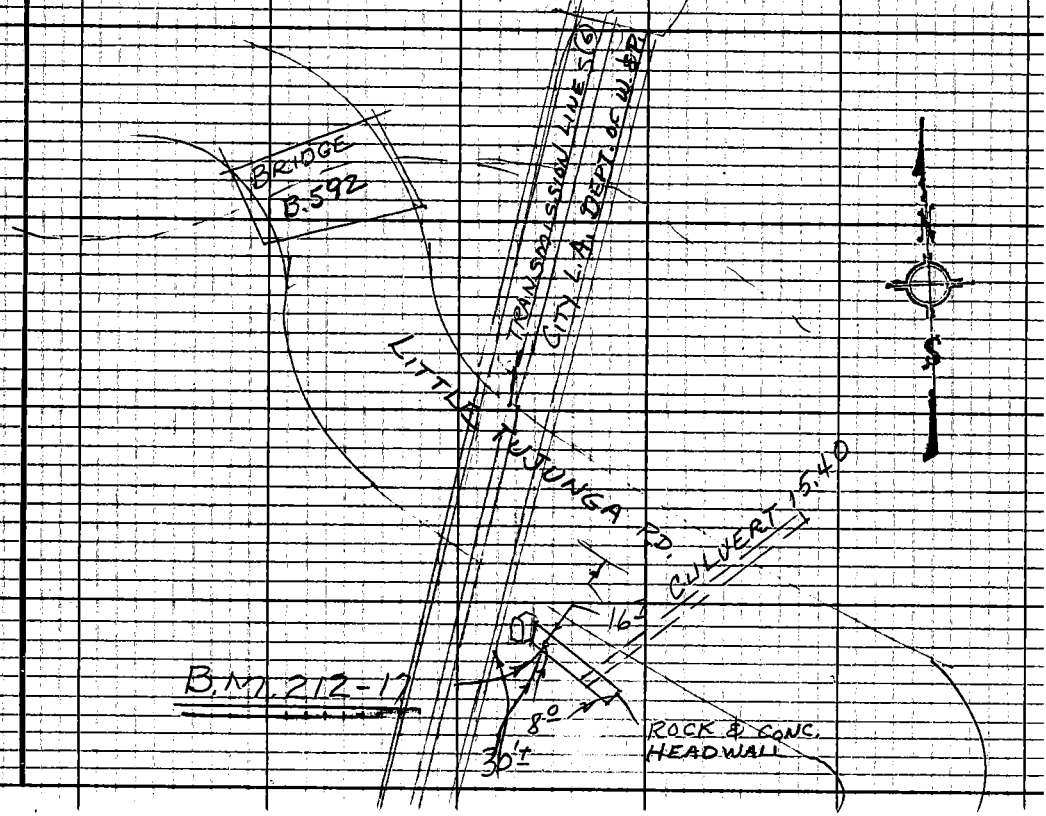
E.B. 2862 PG. 101

B.M. 212-17

LITTLE TUJUNGA ROAD, 5.0 MILES NORTHERLY FROM FOOTHILL BLVD, AT CULVERT 15.40, ABOUT 0.1 MILE S.E. FROM BRIDGE B.592, ABOUT 30 FEET EAST OF E'ly CONDUCTOR OF DEPT. OF WATER & POWER TRANSMISSION LINES 16.1 FEET S'ly FROM CENTER OF PAVEMENT, IN TOP OF ROCK AND CONCRETE HEADWALL, 8 FEET N.W. FROM S.E. END, SET A 2 3/4 INCH BRASS DISC STAMPED COUNTY ENGINEER BM 212-17 1973 R.E. 7078 WITH SMALL BUTTON, ABOUT 1 FOOT ABOVE THE PAVEMENT.

B.M. Desc. OK 8-15-77 T.C. MIYAHIRA



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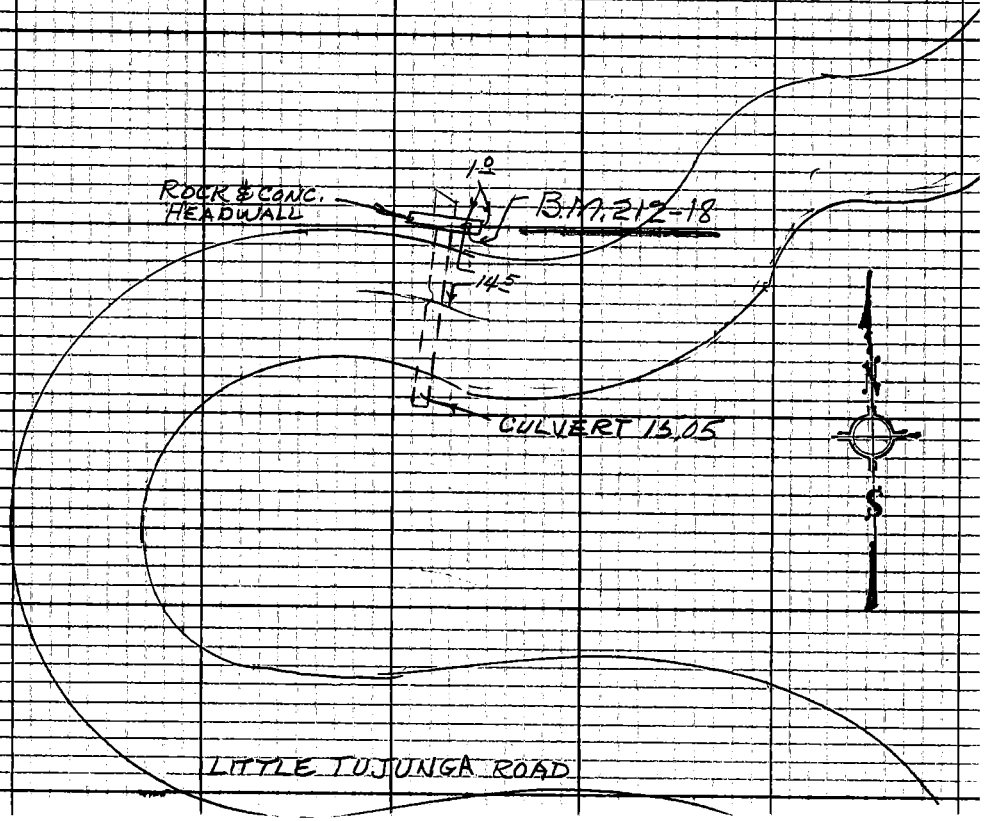
F. B. 2862 PG. 103

B.M. 212-18

LITTLE TUJUNGA ROAD, 5.35 MILES NORTHERLY FROM FOOTHILL BLVD, AT N'LY END OF A HORSESHOE CURVE, AT CULVERT 15.05, 14.5 FEET NORTH FROM THE CENTER OF THE PAVEMENT, IN TOP OF A ROCK AND CONCRETE HEADWALL, 1 FOOT WEST OF THE EAST END, SET A 2¾ INCH, SMALL BUTTON, BRASS DISC STAMPED B.M. 212-18 1973 R.E. 7078 ABOUT 12 INCHES HIGHER THAN THE PAVEMENT

B.M. Desc. OK 7-15-77 T.C. MIYAHIRA

COUNTY ENGINEER



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F.B. 2862 PG. 105

B.M. 212-19

LITTLE TUJUNGA ROAD, 5.5 MILES NORTHERLY FROM FOOTHILL BLVD., ABOUT 150 FEET N.ELY FROM CULVERT 14.88, 105 FEET EAST OF THE CENTER OF THE PAVEMENT, IN THE TOP OF THE CONCRETE BASE OF THE S.W. LEG OF CITY OF L.A. DEPT. OF W.&P. TOWER NO 225-3, SET A 2¾ INCH BRASS DISC STAMPED, WITH A SMALL BUTTON

COUNTY ENGINEER BM 212-19 1973 RE 7078

B.M. DESC OK 8-16-77 T.C. MIYAHIRA

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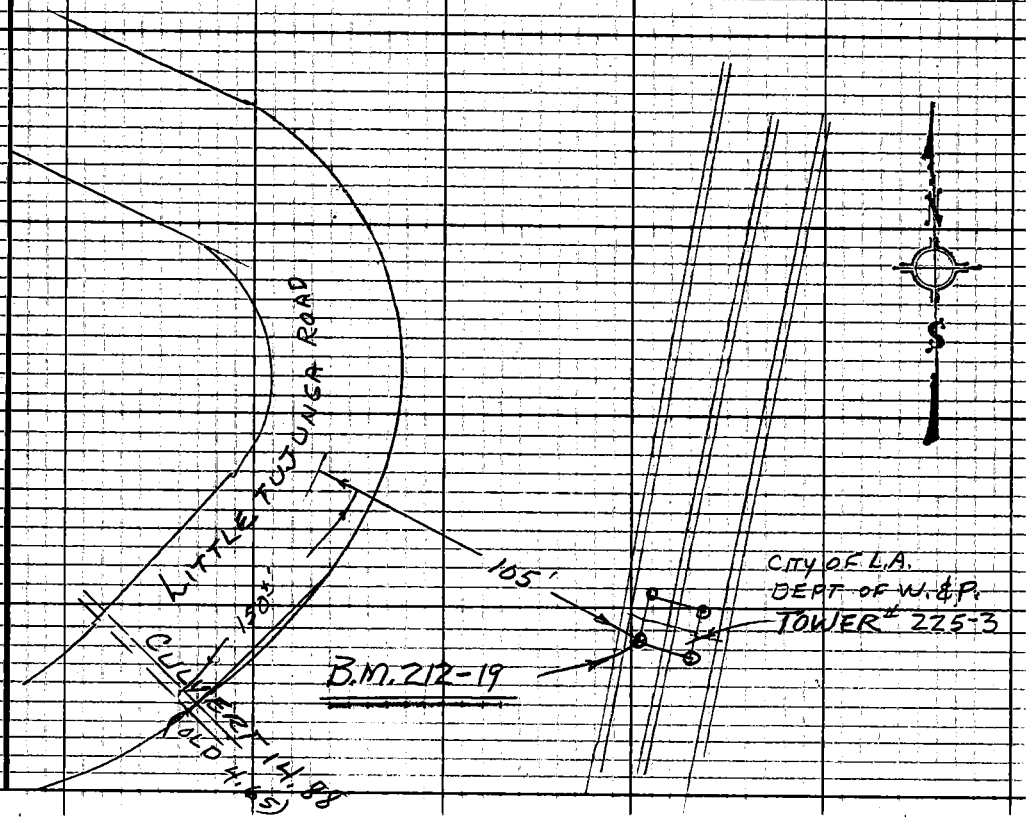

16F309S CE#310 3-69

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JN 2301.02 Tape Std °F
Surveyed by S.E. DREIER
Notes S.E. DREIER Date 4-16-1973
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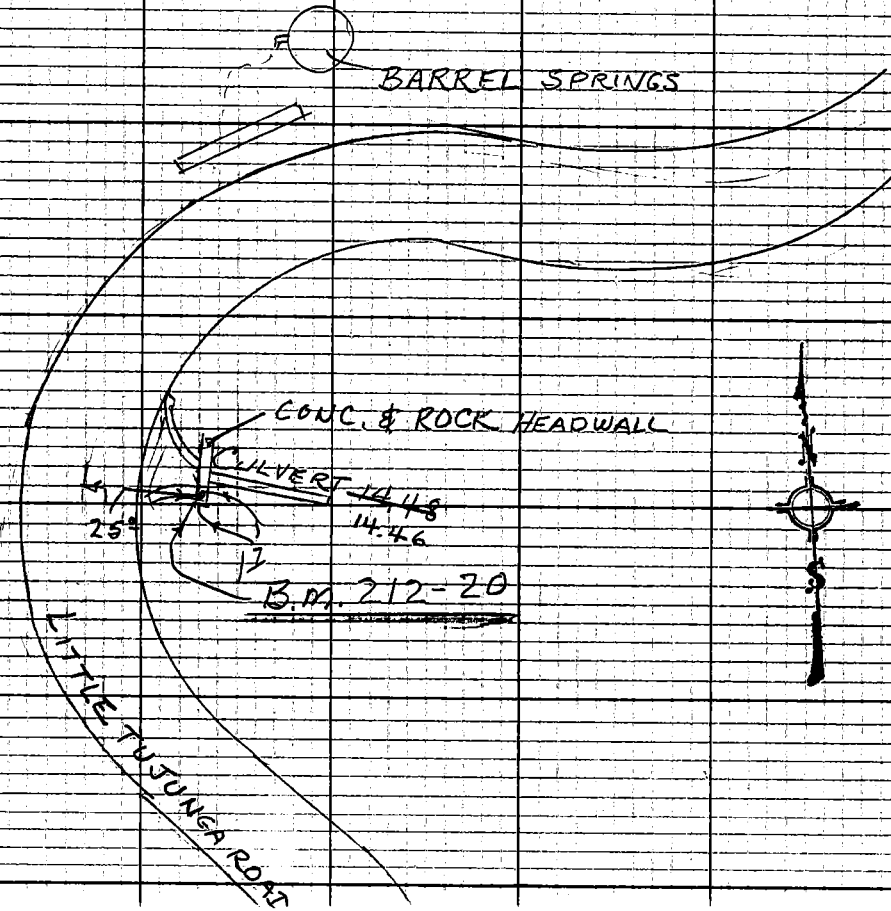
B.M. 212-20

LITTLE TUJUNGA ROAD, 5.9 MILES NORTH OF FOOTHILL BLVD AT BARREL SPRINGS, AT CULVERT 14.48, 25 FEET EAST FROM THE CENTER OF THE PAVEMENT IN TOP OF A ROCK AND CONCRETE HEADWALL, 1.7 FEET NORTH OF THE S'LY END, SET A 2¾ INCH SMALL BUTTON BRASS DISC STAMPED BM 212-20 ABOUT 2 FEET ABOVE THE PAVEMENT.

B.M. DESC. OK 8-17-77 T.C. MIYAHIRA

COUNTY ENGINEER BM 212-20 [redacted]73 RE. 7078



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F. B. 2862 PG. 109 /

B.M. 212-21

LITTLE TUJUNGA ROAD, 6.15 MILES NORTH FROM FOOTHILL BLVD, UNDER CITY OF L.A., DEPT. OF W. & P. TRANSMISSION LINES, AT CULVERT 14.26, IN TOP OF N.W'ly CORNER OF ROCK AND CONCRETE RUNOFF STRUCTURE, 17.3 FEET SOUTH FROM THE CENTER OF THE PAVEMENT, SET A 2 3/4 INCH, SMALL BUTTON, BRASS DISC MARKED

COUNTY ENGINEER BM 212-21 1973 R.E. 70 F.B.

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T.C. MIYAHIRA

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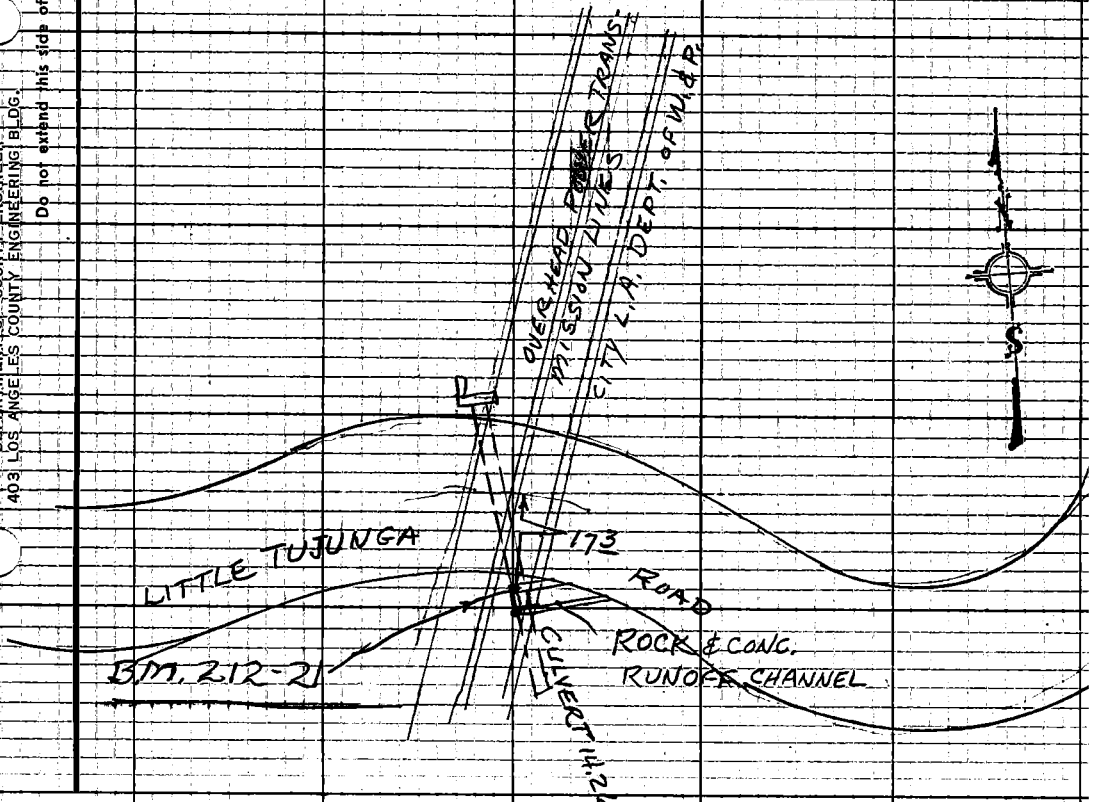

16F309S CE#310 3-69

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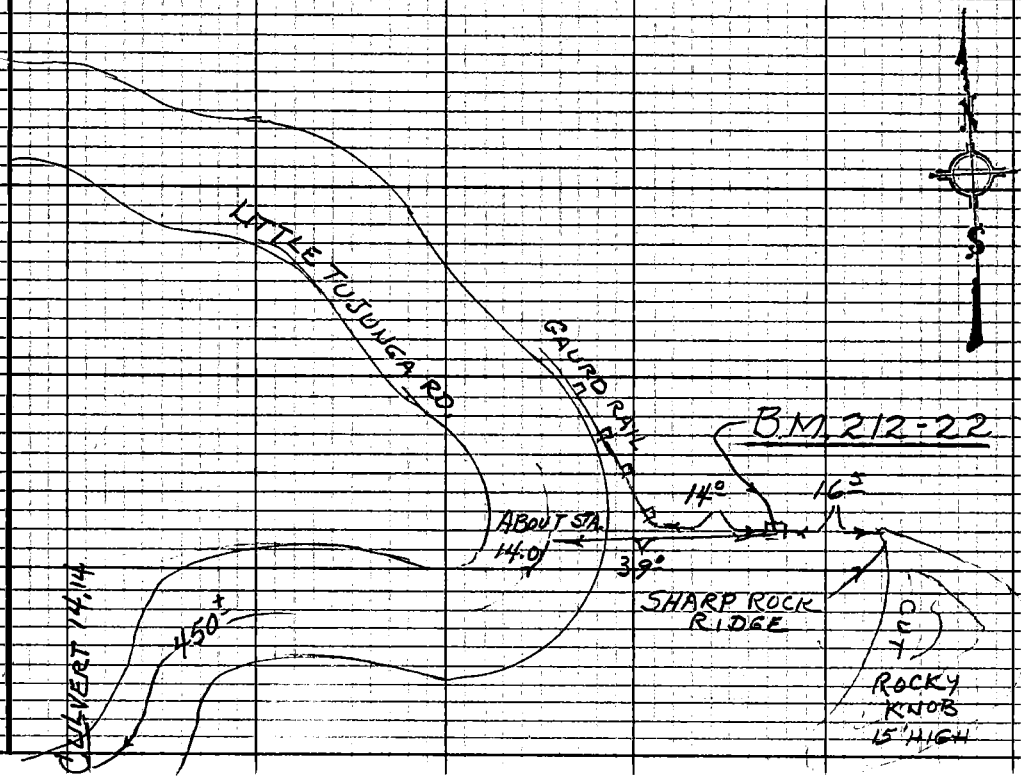
F.B. 2862 PG. 111

B.M. 212-22

LITTLE TUJUNGA ROAD, 6.35 MILES NORTH FROM FOOTHILL BLVD, AT A SHARP HAIRPIN CURVE, WITH A 15 FOOT HIGH ROCKY KNOB ON EAST SIDE OF ROAD, 39 FEET EAST OF CENTER OF PAVEMENT, 14 FEET EAST OF E'LY END OF METAL GUARD RAIL, 16.5 FEET WEST OF N.W. END OF A SHARP ROCK RIDGE SET A 2 3/4 INCH BUTTON BRASS CAP STAMPED IN TOP OF A 12 INCH CONC. POST UP 6 INCHES, ABOUT 2 FEET HIGHER THAN THE PAVEMENT.

COUNTY ENGINEER B.M. 212-22 1973 R.E. 7078

BM DESC. OK. 8-17-77 T.C. MIYAHIRA



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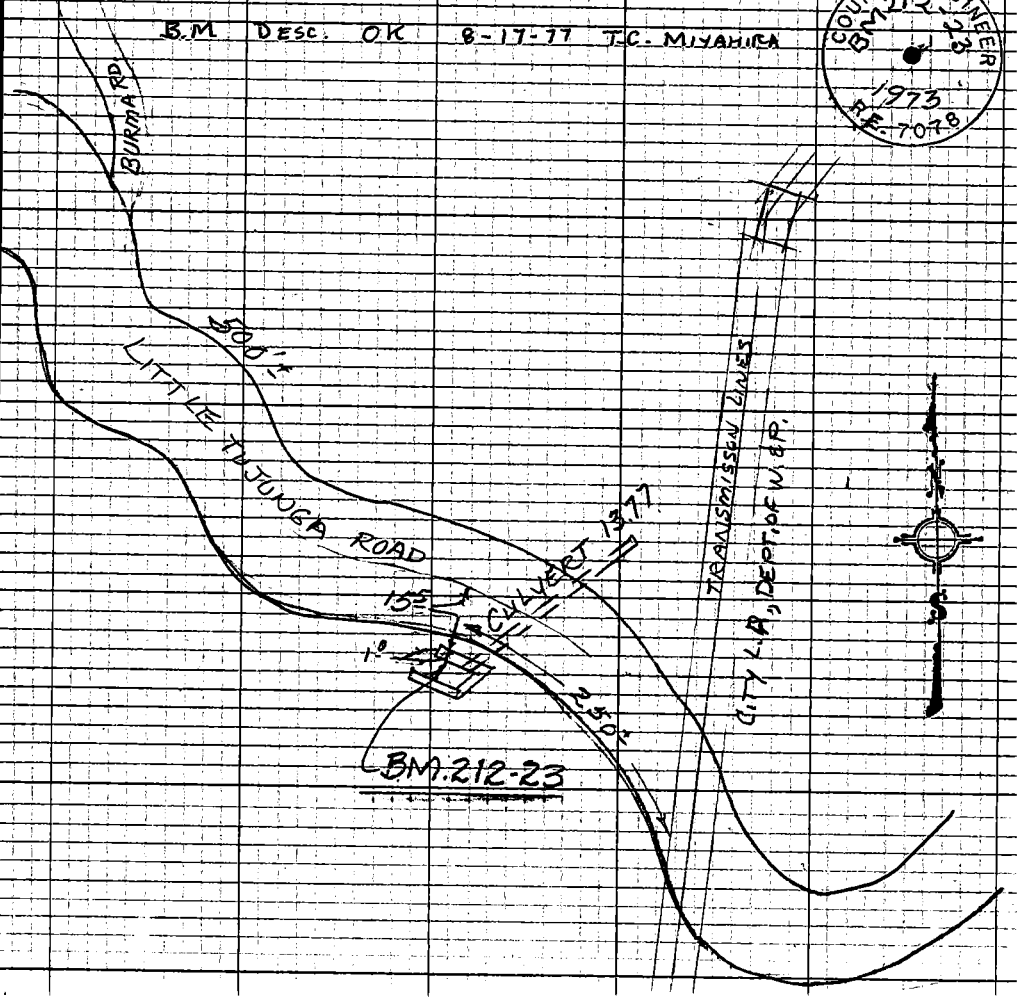
F.B. 2862 Pg. 113

B.M. 212-23

LITTLE TUJUNGA ROAD, 6.65 MILES NORTH FROM FOOTHILL BLVD, ABOUT 250 FEET N.W'LY FROM CITY L.A. DEPT. OF W.&P. OVERHEAD TRANSMISSION LINES, ABOUT 500 FEET EAST OF DEPT. OF W. & P. "BURMA ROAD". AT CULVERT 13.77, 15.5 FEET S'LY FROM CENTER OF PAVEMENT, IN TOP OF ROCK AND CONCRETE HEADWALL 1 FOOT EAST OF WEST END, SET A 2 3/4 INCH SMALL BUTTON BRASS DISC STAMPED ABOUT 1 FOOT HIGHER THAN THE PAVEMENT

B.M. DESC. OK 8-17-77 T.C. MIYAHIRA

COUNTY ENGINEER BM 212-23 1973 RE-7078



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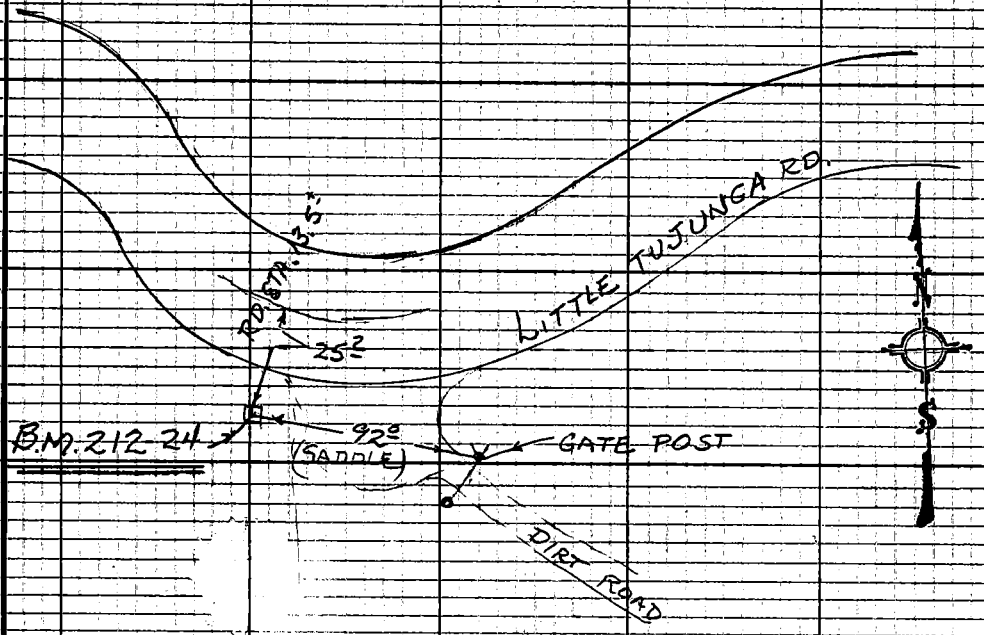
F.B. 2862 PG. 115

B.M. 212-24

LITTLE TUJUNGA ROAD, 6.8 MILES NORTH FROM FOOTHILL BLVD, 0.75 MILE S'ELY FROM DILLON DIVIDE, AT A SMALL SADDLE WITH A DIRT ROAD TO THE SOUTH EAST, 25.2 FEET SOUTH OF THE CENTER OF THE PAVEMENT, 92 FEET WEST OF A GATE POST, SET A 2¾ INCH BUTTON BRASS CAP STAMPED) IN TOP OF A 12 INCH CONCRETE POST UP 6 INCHES ABOUT 2 FEET ABOVE PAVEMENT GRADE.

COUNTY ENGINEER BM 212-24 1973 R.E. 7078

BM Desc. OK 8-17-77 T.C. MIYAHIRA



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E.B. 2864 PG. 117

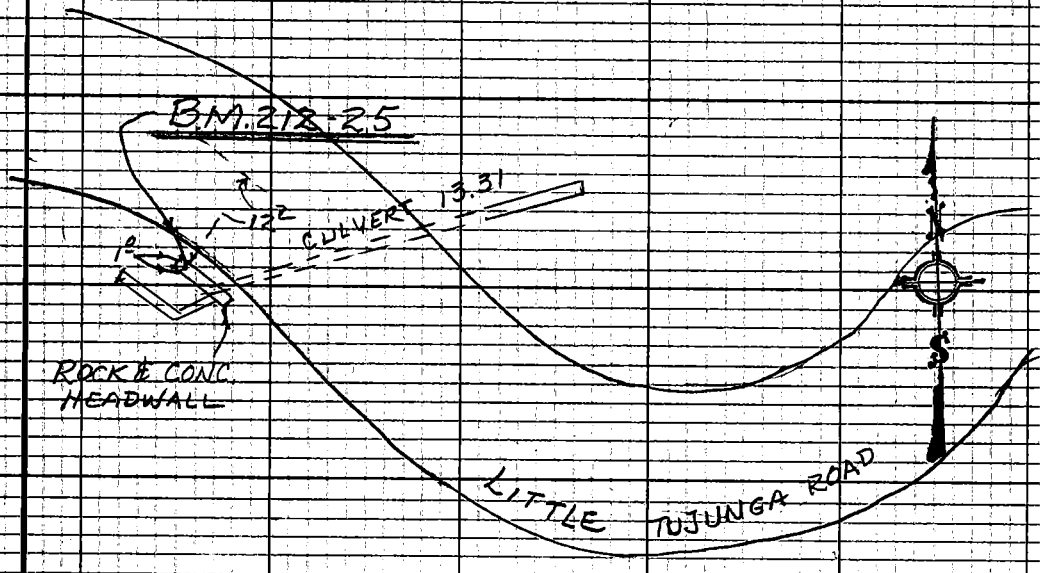
B.M. 212-25

LITTLE TUJUNGA ROAD, 7.1 MILES NORTH OF FOOTHILL BLVD, 0.5 MILE SOUTHEAST FROM DILLION DIVIDE, AT CULVERT 13.31, 12.2 FEET S.W. OF CENTER OF PAVEMENT, IN TOP OF ROCK AND CONCRETE HEADWALL, 1 FOOT S.E. OF N.W. END, SET A 2¾ INCH SMALL BUTTON BRASS DISC STAMPED ABOUT 18 INCHES HIGHER THAN THE PAVEMENT

BM DESC. OK 8-17-77 T.C. MIYAHIRA

COUNTY ENGINEER BM 212-25 1973 R.E. 7078

REF 23 NDU7



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F.B. 2862 Pg. 119

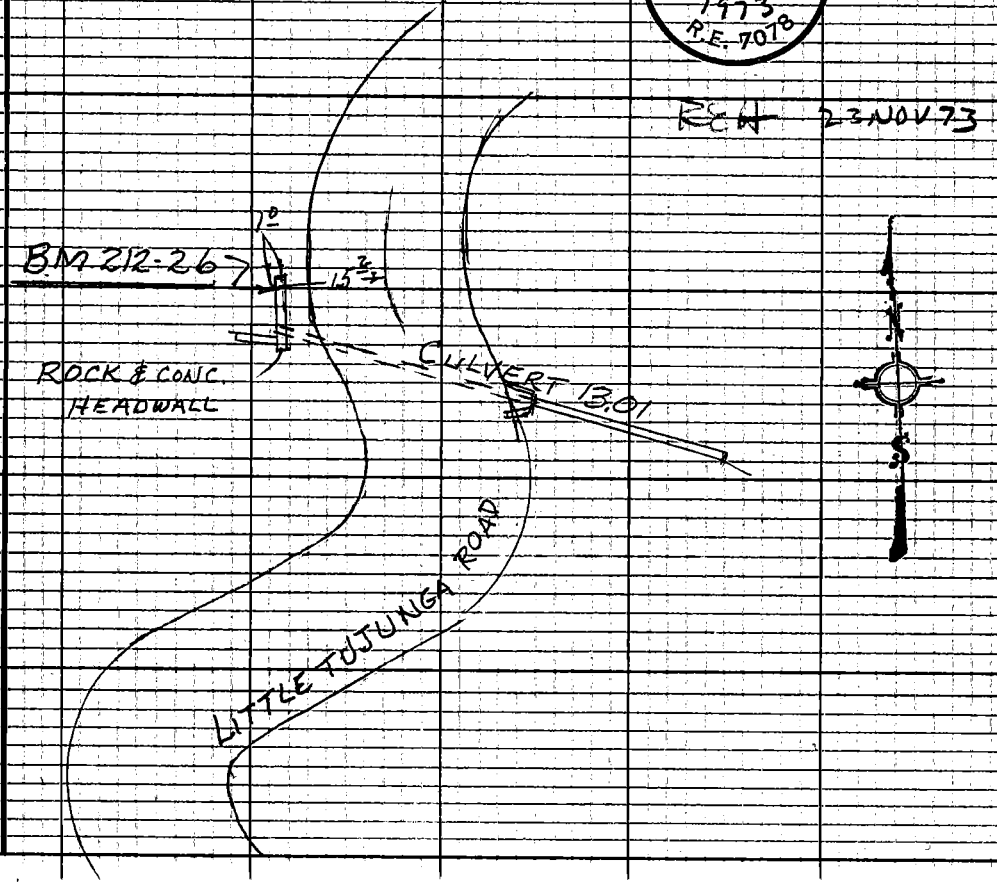
BM 212-26

LITTLE TUJUNGA ROAD, 7.4 MILES NORTH FROM FOOTHILL BLVD.
0.2 MILE S.E'LY FROM DILLON DIVIDE, AT CULVERT 13.01,
15.2 FEET WEST FROM THE CENTER OF THE PAVEMENT, IN TOP
OF ROCK AND CONCRETE HEADWALL, 1 FOOT SOUTH OF NORTH END,
SET A 2¾ INCH SMALL BUTTON BRASS DISC STAMPED
ABOUT 2 FEET HIGHER THAN THE PAVEMENT.

BM DESC. OK 8-17-77 TC MIYAHIRA

COUNTY ENGINEER
BM 212-26
1973
R.E. 7078

ECH 23NOV 73



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Date	Indexed T. M. PALMER MAY 22 1973

B.M. 212-27

LITTLE TUJUNGA ROAD, 7.6 MILES NORTH OF FOOTHILL BLVD., AT DILLON DIVIDE, 32.7 FEET NORTH OF THE CENTER OF THE PAVEMENT, 1.5 FEET SOUTH OF A 2½ FOOT SQUARE CONCRETE VALVE BOX, SET A 2¾ INCH BUTTON BRASS CAP STAMPED B.M. 212-27 IN TOP OF A 12 INCH SQUARE CONC. POST UP 4 INCHES ABOUT LEVEL WITH THE PAVEMENT.

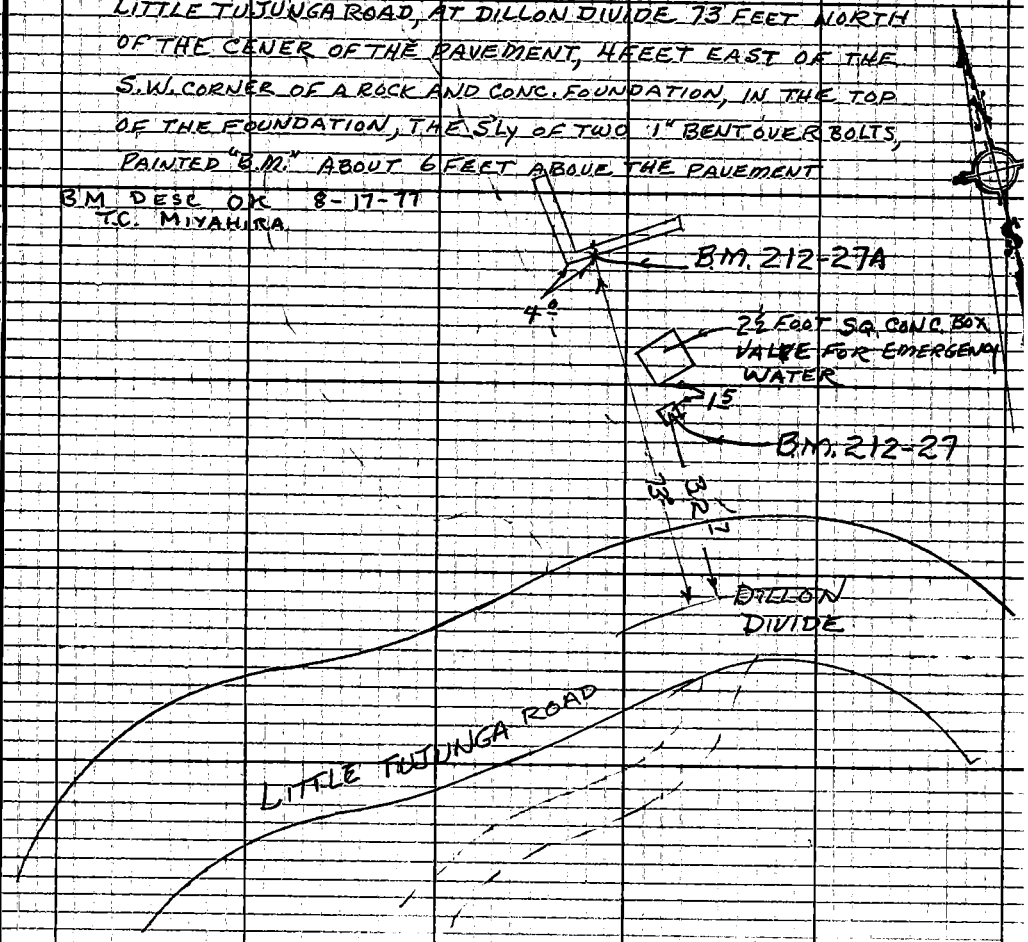
B.M. DESC. O.K. 9-8-71 L.W. JONES

COUNTY ENGINEER B.M. 212-27 1973 R.E. 7078

B.M. 212-27A

LITTLE TUJUNGA ROAD, AT DILLON DIVIDE 73 FEET NORTH OF THE CENER OF THE PAVEMENT, 4 FEET EAST OF THE S.W. CORNER OF A ROCK AND CONC. FOUNDATION, IN THE TOP OF THE FOUNDATION, THE S'ly OF TWO 1" BENT OVER BOLTS, PAINTED "B.M." ABOUT 6 FEET ABOVE THE PAVEMENT

B.M. DESC. O.K. 8-17-71 T.C. MIYAHIRA



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76F309S CE#310 3-69

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Map No.	JN 0301.02 Tape Std °F
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Checked	Notes G.E. DREIER Date 4-18-1973
Date	Indexed T. M. PALMERI MAY 22 1973

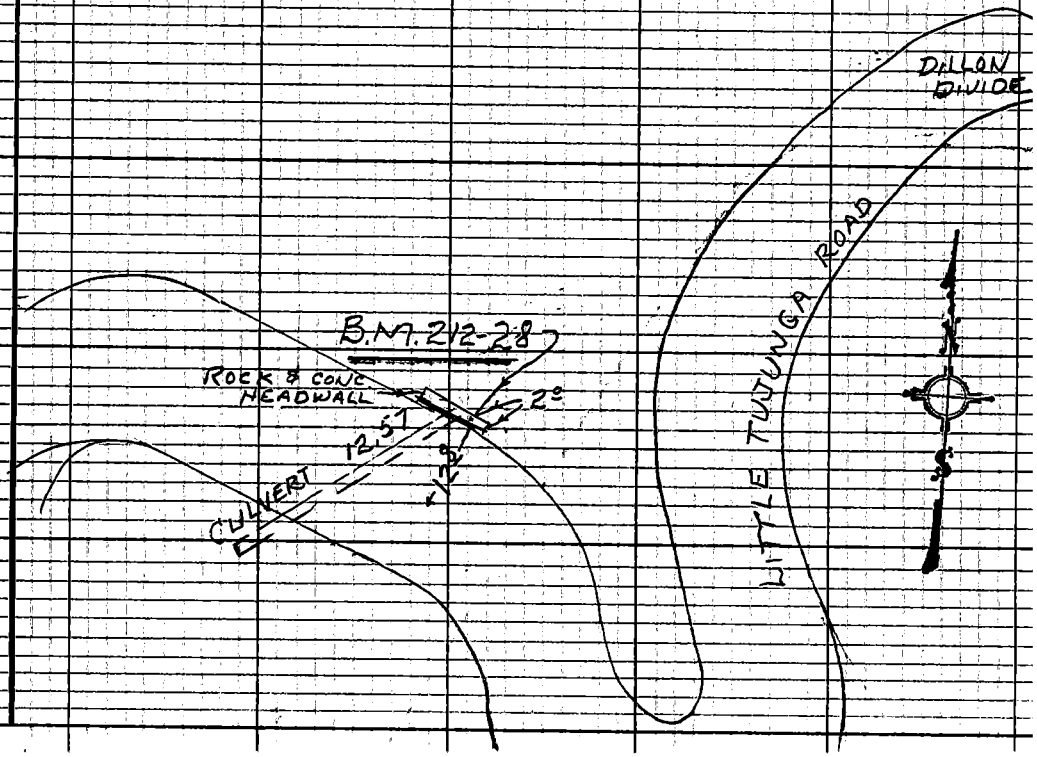
F.B. 2862 PG. 123 ✓

B.M. 212-28

LITTLE TUJUNGA ROAD, 7.85 MILES NORTH FROM FOOTHILL BLVD., 0.25 MILES WESTERLY FROM DILLON DIVIDE, AT CULVERT 12.17, 12.8 FEET NORTHERLY FROM CENTER OF THE PAVEMENT, 2 FEET N.W. OF THE S.E. END, IN TOP OF ROCK AND CONCRETE HEADWALL, SET A 2 3/4 INCH, SMALL BUTTON, BRASS DISC STAMPED ABOUT 18 INCHES HIGHER THAN THE PAVEMENT.

COUNTY ENGINEER B.M. 212-28 1973 R.E. 7078

B.M. DESC. OK. 8-17-77 T.C. MIYAHIRA



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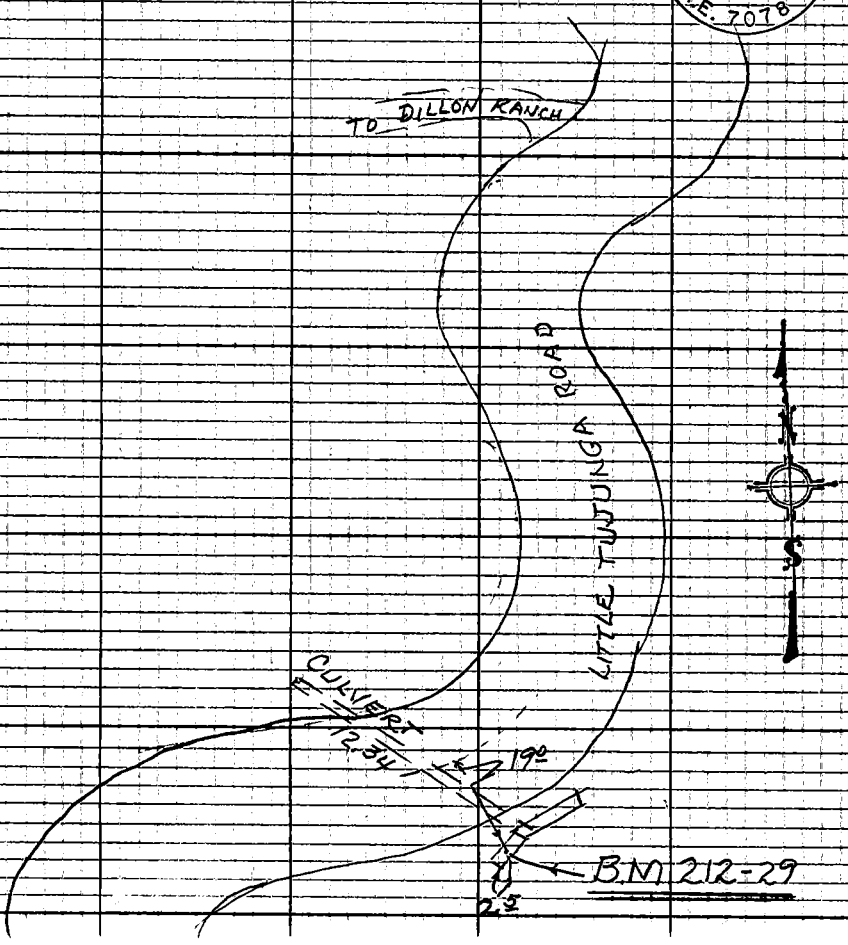
Survey of L.A. Co. PRECISE LEVEL NET F.B. 2862 PG. 125
JN 030602 Tape Std °F.
Surveyed by G.E. DREIER
Notes G.E. DREIER Date 4-18-1973
Indexed J. M. PALMERI MAY 22 1973

B.M. 212-29

LITTLE TUJUNGA ROAD, 8.05 MILES NORTH FROM FOOTHILL BLVD
0.45 MILE WESTERLY FROM DILLON DIVIDE, 0.1 MILE SLY FROM
ROAD TO DILLON RANCH, AT CULVERT 12.34, 19 FEET S.E. OF
CENTER OF THE PAVEMENT, IN TOP OF ROCK AND CONCRETE
HEADWALL 2.5 FEET N.E. OF S.W. END, SET A 2¾ INCH SMALL
BUTTON BRASS DISC STAMPED
ABOUT 2 FEET HIGHER THAN THE PAVEMENT.

B.M. DESC. OK 8-17-77 T.C. MIYAHIRA

COUNTY ENGINEER
B.M. 212-29
1973
R.E. 7078



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76 F309s ICE #310 3-69

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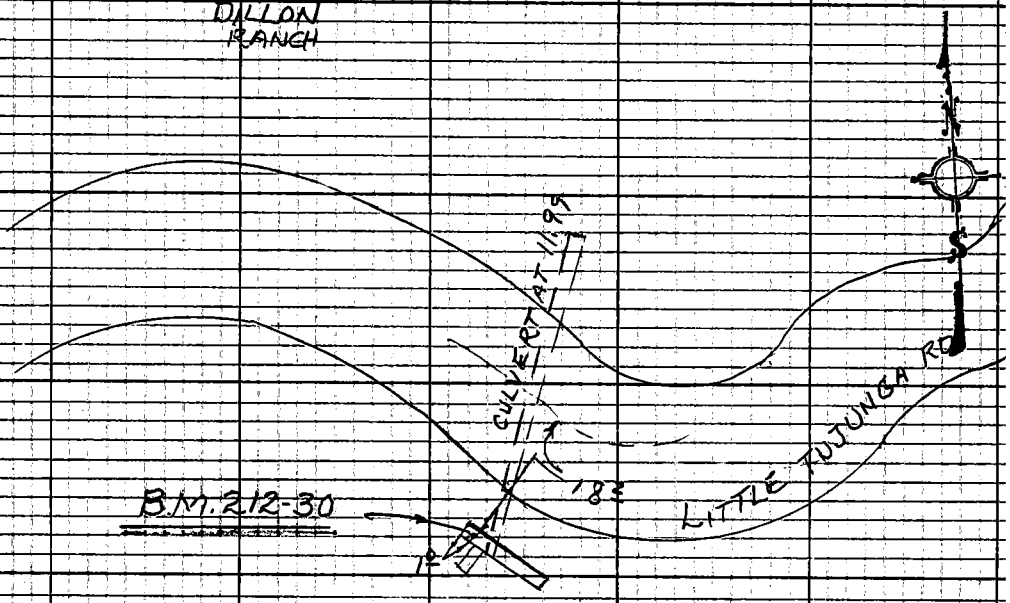
F.B. 2862 PG. 127 ✓

B.M. 212-30

LITTLE TUJUNGA ROAD, 8.4 MILES NORTH OF FOOTHILL BLVD, 0.8 MILE W'LY FROM DILLON DIVIDE AT CULVERT 11.99, 18.2 FEET S'LY FROM CENTER OF PAVEMENT, IN TOP OF ROCK AND CONCRETE HEADWALL, 1 FOOT EAST OF WESTERLY END, SET A 2½ INCH SMALL BUTTON BRASS DISC STAMPED BM 212-30 1973 RE 7078 COUNTY ENGINEER ABOUT 18 INCHES HIGHER THAN THE PAVEMENT.

B.M. DESC. O.K. 8-17-77 T.C. MIYAHIRA



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76F309s | CE#3103-69

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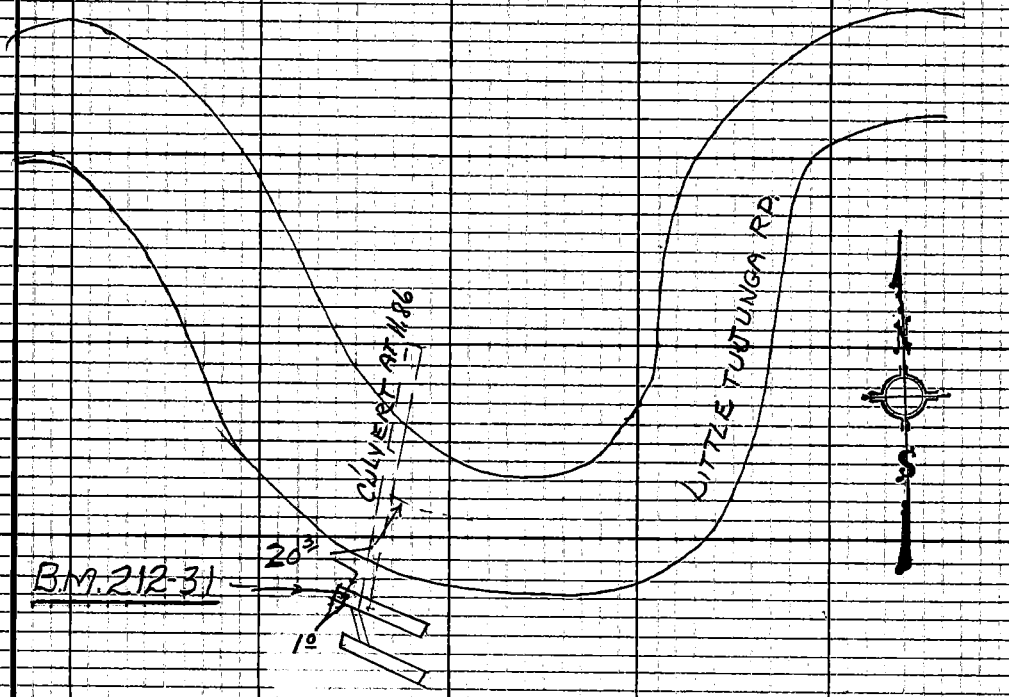
B.M. 212-31

LITTLE TUJUNGA ROAD, 8.55 MILES NORTH FROM FOOTHILL BLVD, 0.95 MILE W'LY FROM DILLON DIVIDE, AT CULVERT 11.86, 20.3 FEET SOUTH OF THE CENTER OF THE PAVEMENT, IN TOP OF ROCK AND CONCRETE HEADWALL, 1 FOOT EAST OF WEST END, SET A 2¾ INCH, SMALL BUTTON, BRASS DISC STAMPED → ABOUT 6 INCHES HIGHER THAN THE PAVEMENT.

B.M. DESC OK 8-17-77 T.C. MIYAHIRA

COUNTY ENGINEER
BM 212-31
1973
R.E. 7078

DILLON RANCH



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16F309S CE#310 3-69

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Survey of L.A.Co. PRECISE LEVEL NET F.B. 28-62 PG. 137 ✓
JN 0301.02 Tape Std °F
Surveyed by G.E. DREIER
Notes G.E. DREIER Date 4-18-1973
Indexed T. M. PALMERI MAY 22 1973

B.M. 212-32

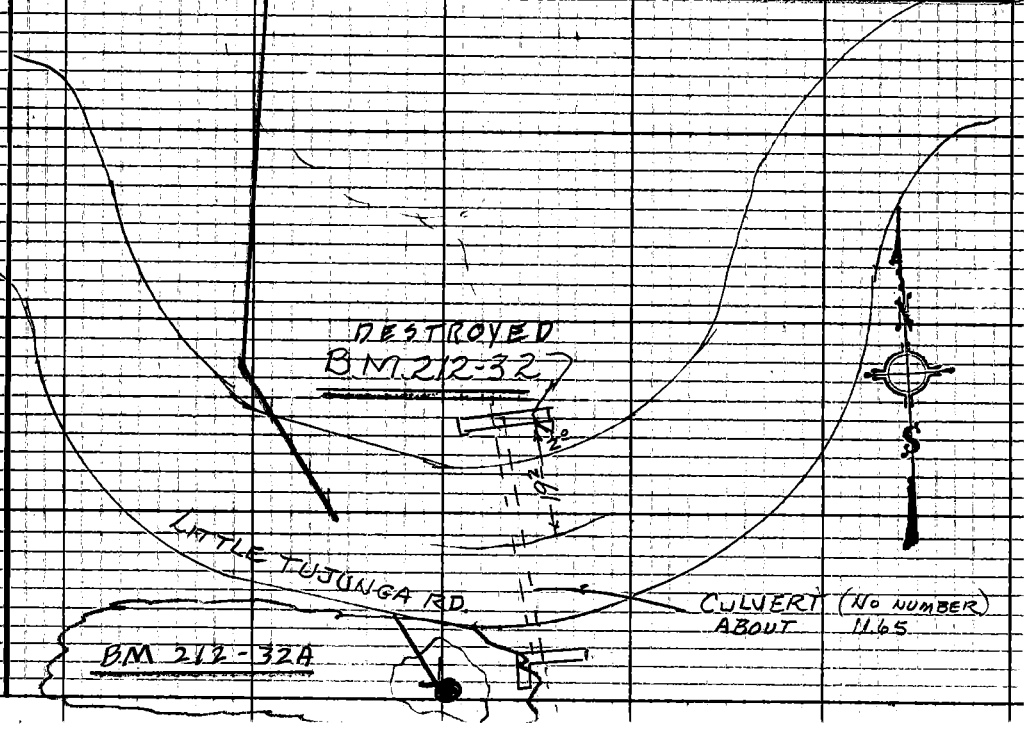
LITTLE TUJUNGA ROAD, 8.75 MILES NORTH FROM FOOTHILL BLVD, 1.15 MILES WESTERLY FROM DILLION DIVIDE, AT CULVERT NO NUMBER, ABOUT 11.65, 19.2 FEET NORTH OF THE CENTER OF THE PAVEMENT, IN TOP OF ROCK AND CONCRETE HEADWALL, 2.0 FEET WEST OF EAST END, SET A 2¾ INCH SMALL BUTTON BRASS DISC STAMPED

COUNTY ENGINEER BM 212-32 1973 R.E. 7078

ABOUT LEVEL WITH THE PAVEMENT.

COVERED BY CONSTUCTION
8-17-77 T.C. MIYAHIRA

BM 212-32A
SET 2¾" BRASS DISC, STAMPED 212-32A 1978 IN LARGE GRANITE ROCK 8'± WEST OF CULVERT 15' RO. OF ℄, 2' ABOVE LEVEL OF PAVEMENT
RE 22726 I.F. TRETTEEN JUNE 1978



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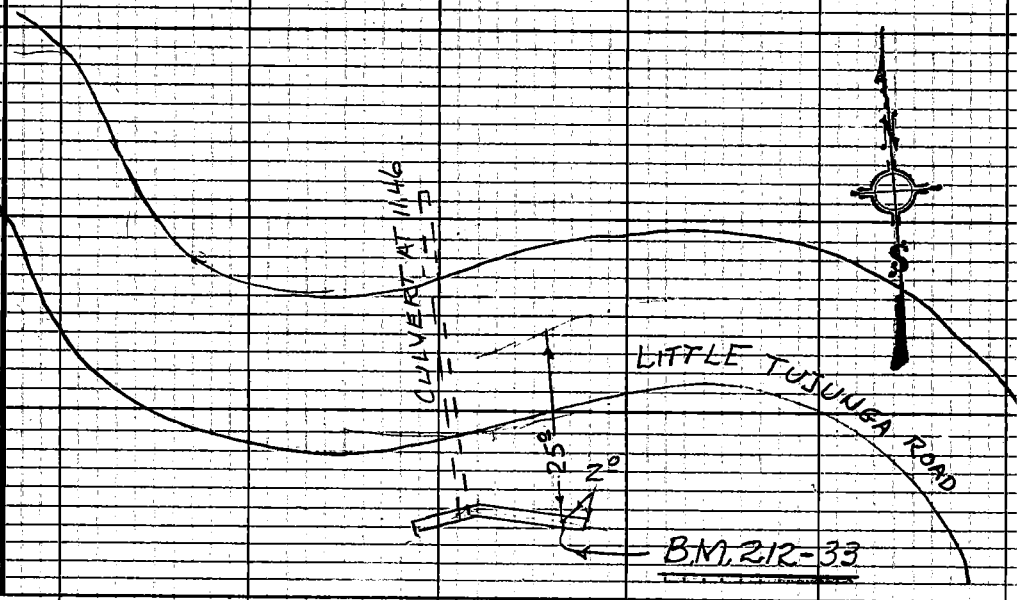
F.B. 2862 PG. 133 ✓

B.M. 212-33

LITTLE TUJUNGA ROAD, 8.95 MILES NORTHERLY FROM FOOTHILL BLVD, 0.25 MILES S. ELY FROM BRIDGE B632 OVER PACOMIA WASH, AT CULVERT 11.46, 25 FEET SOUTH OF THE CENTER OF THE PAVEMENT, IN TOP OF ROCK AND CONCRETE HEADWALL 2 FEET WEST OF EAST END, SET A 2¾ INCH SMALL BUTTON BRASS DISC STAMPED ABOUT 30 INCHES HIGHER THAN THE PAVEMENT

COUNTY ENGINEER BM 212-33 1973 R.E. 7078

B.M. DESC. OK 8-17-77 T.C. MIYAHIRA



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Date	Indexed L. M. PALMER MAY 22 1973

F.B. 2-862 PG. 135 ✓

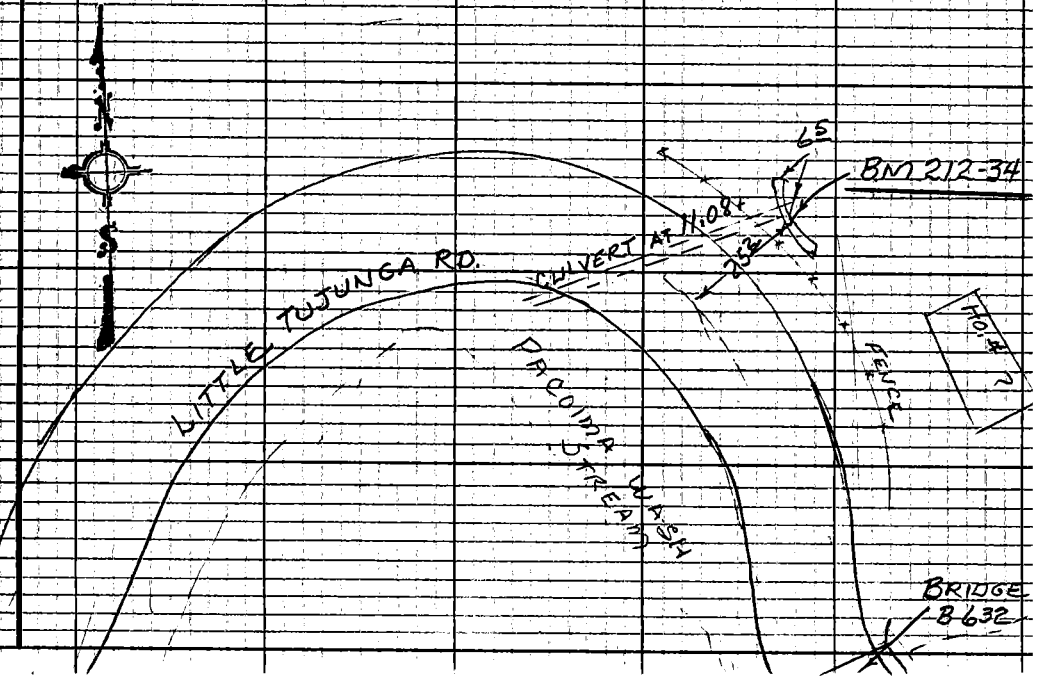
B.M. 212-34

LITTLE TUJUNGA ROAD, 9.30 MILES NORTHERLY FROM FOOTHILL BLVD, 0.1 MILE N'LY FROM BRIDGE B 632, AT CULVERT 11.08, 25.2 FEET N.E. FROM CENTER OF PAVEMENT, 6.5 FEET SOUTH OF THE NORTH END OF A ROCK AND CONCRETE HEADWALL ABOUT 3 FEET HIGHER THAN THE PAVEMENT, SET A 2¾ INCH BRASS DISC STAMPED

COUNTY ENGINEER BM 212-34 1973 R.E. 7078

WITH A SMALL BUTTON

B.M. DESC. OK 8-17-77 T.C. MIYAHIRA



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Notes G.E. DREIER Date 4-18-1973
Index T. M. PALMER

MAY 22 1973

F.B. 2862 Pg. 137

B.M. 212-35

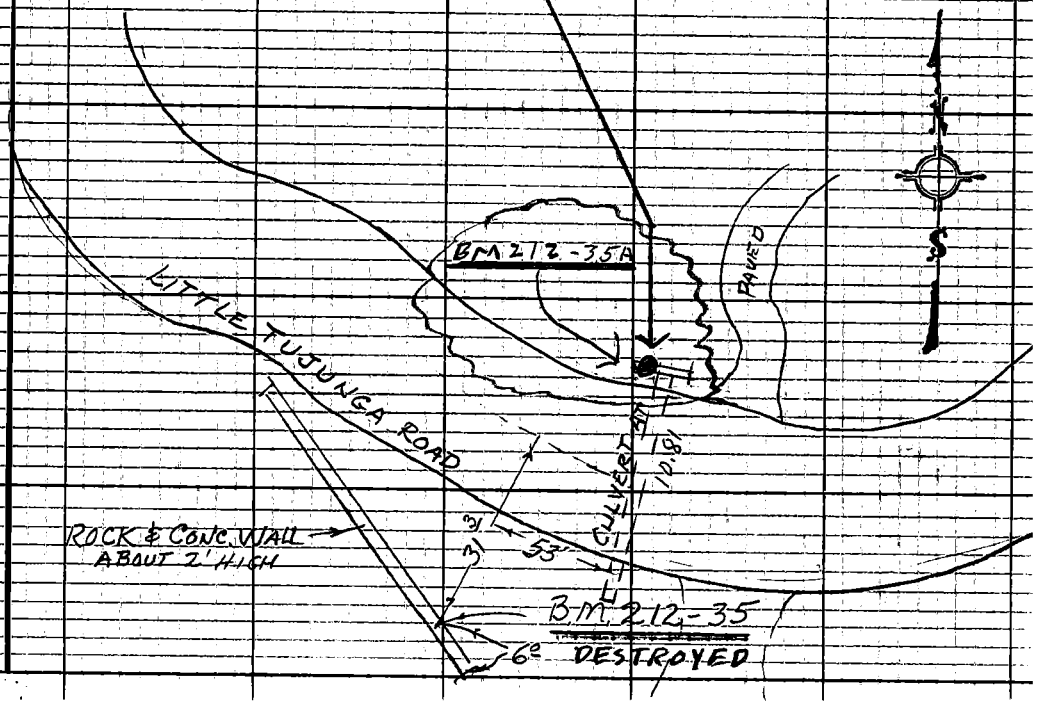
LITTLE TUJUNGA ROAD, ~~0.93 m~~ 9.6 MILES NORTHERLY FROM FOOTHILL BLVD, 0.4 MILE N.W.ly FROM BRIDGE B 632 OVER PACOIMA WASH, 53 FEET WEST OF CULVERT 10.81, 31.3 FEET SOUTH OF THE CENTER OF THE PAVEMENT, IN TOP OF A 2 FOOT HIGH ROCK AND CONCRETE WALL, 6 FEET N.W. FROM THE S.E. END, SET A 2 3/4 INCH BRASS DISC STAMPED

BM DESC. O.K. 8-17-77 T.C. MIYAHIRA
DESTROYED JUNE 1978 I.F. TRETTEEN

COUNTY ENGINEER
BM 212-35
1973
R.E. 707.8

BM 212-35A

SET 2 3/4" BRASS DISC STAMPED BM 212-35A 1978 RE 22726 IN TOP OF ROCK AND CONCRETE HEADWALL, 10' FROM EAST END OF HEADWALL 15' FROM ℄, 18" HIGH I.F. TRETTEEN JUNE 1978



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Date	Indexed L. M. PALMERI MAY 22 1973

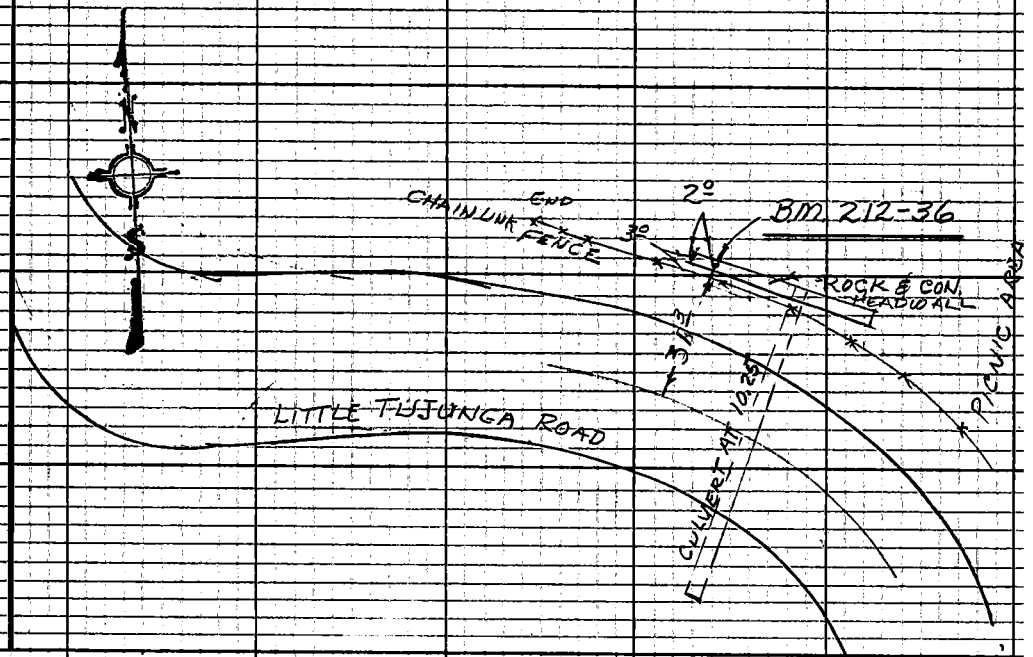
E.B. 2862 PG. 139 1

B.M. 212-36

LITTLE TUJUNGA ROAD, ~~9.8~~ 10.15 MILES NORTHERLY FROM FOOTHILL BLVD, 0.9 MILE N.W OF BRIDGE B 632 OVER PACOIMA WASH, AT CULVERT 10.26, 31.3 FEET NORTHERLY FROM THE CENTER OF THE PAVEMENT, IN TOP OF AND 2 FEET EAST OF WEST END OF A ROCK AND CONCRETE HEADWALL ABOUT A FOOT HIGHER THAN THE PAVEMENT, SET A 2¾ INCH BRASS DISC STAMPED WITH SMALL BUTTON.

B.M. DESC. OK 8-17-77 T.C. MIYAHIRA

COUNTY ENGINEER BM 212-36 1973 R.E. 7078



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F.B. 2862 PG. 141 ✓

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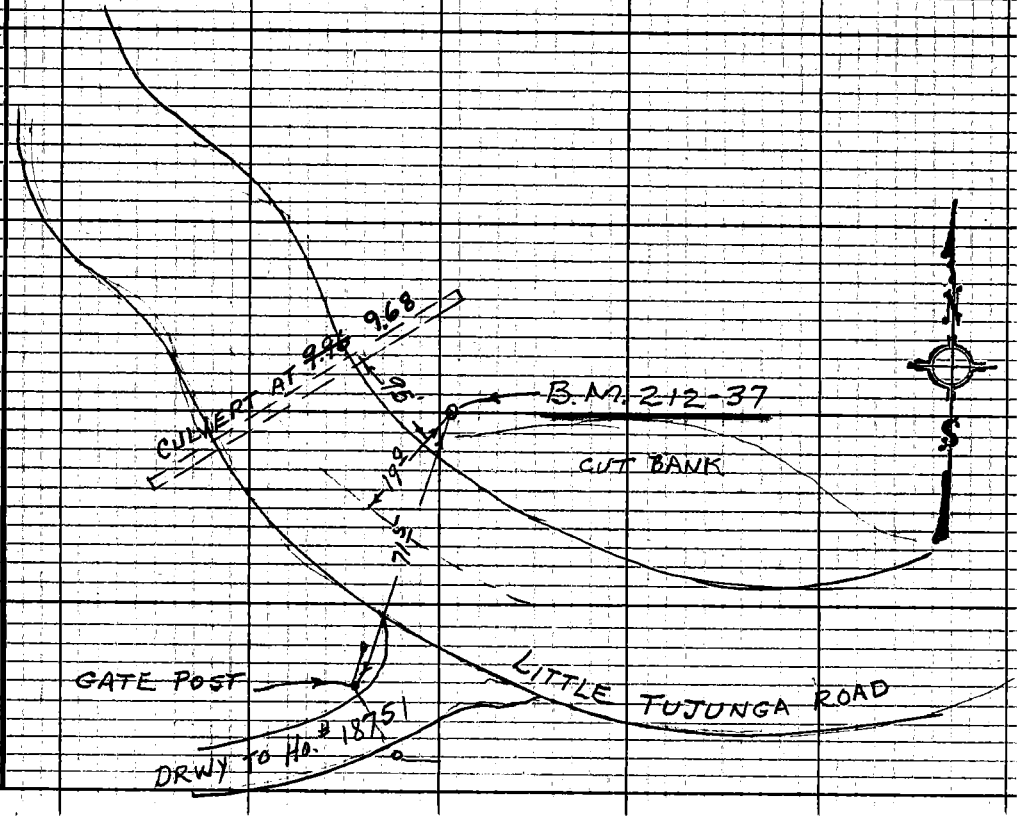
B.M. 212-37

LITTLE TUJUNGA ROAD, 10.45 MILES NORTHERLY FROM FOOTHILL BLVD, 1.5 MILES S'LY FROM BEAR DIVIDE, 19 FEET NORTH OF CENTER OF PAVEMENT, 95 FEET EASTERLY FROM CULVERT ~~9.96~~ 9.68, ACROSS THE ROAD AND 11.5 FEET NORTH OF WESTERLY POST OF GATE ACROSS DRIVEWAY TO HOUSE NUMBER 18751, FOUND A 3 5/8 INCH LOS ANGELES COUNTY FLOOD CONTROL DISTRICT BRASS DISC, NO STAMPING, IN A ROCK NICHE ABOUT 2 FEET ABOVE THE PAVEMENT.

BM DESC. OK 8-17-77 T.C. MIYAHIRA



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Notes G.E. DREIER Date 4-20-73
Indexed T. M. PALMERI MAY 22 1973

F.B. 2862 Pg. 143 V

B.M. 212-38

LITTLE TUJUNGA ROAD, 10.85 MILES NORTHERLY FROM FOOTHILL BLVD, AT CULVERT ~~9.55~~ 9.45, 45.5 FEET WESTERLY FROM THE CENTER OF THE PAVEMENT, IN TOP OF A ROCK AND CONCRETE HEADWALL ABOUT 3 FEET LOWER THAN THE PAVEMENT, 1 FOOT N.E. FROM THE S.W. END, SET A 2¾ INCH BRASS DISC STAMPED

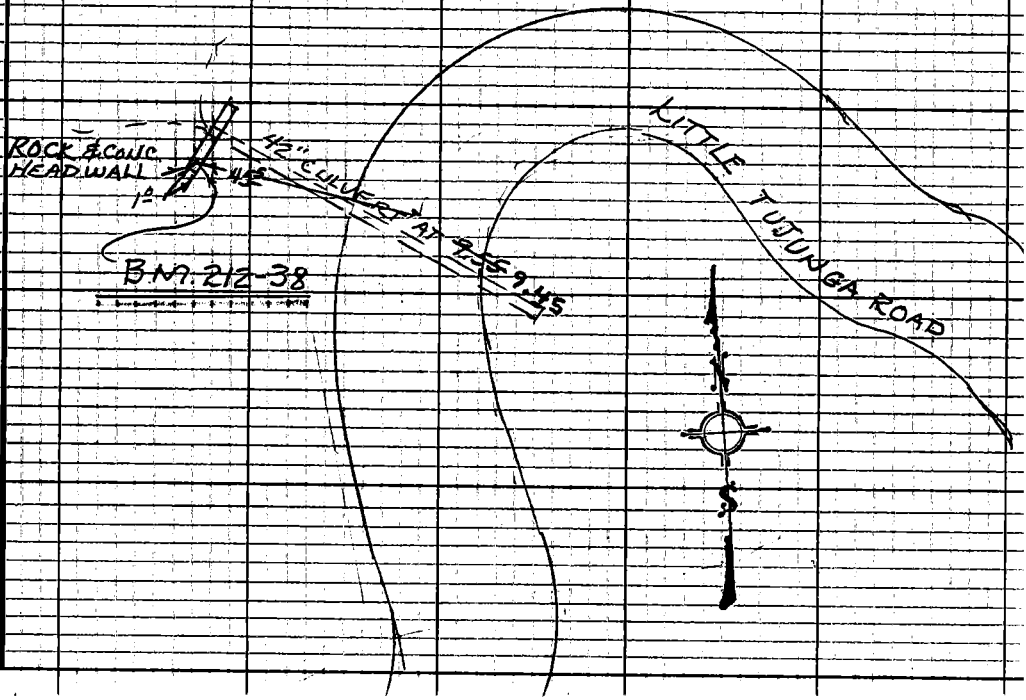
COUNTY ENGINEER B.M. 212-38 1973 R.E. 7078

WITH SMALL BUTTON.

B.M. & Desc. O.K. 9-15-77 L.W. JONES

Desc. OK 7-12-78 DLB.

WATER FALLS



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Date	Indexed T. M. PALMERI MAY 22 1973

F. B. 2864 PG. 145

B.M. 212-39

LITTLE TUJUNGA ROAD, ~~10.45~~ 11.0 MILES NORTHERLY FROM FOOTHILL BLVD, 1.15 MILES S'LY FROM BEAR DIVIDE, 12.7 FEET S.W. FROM THE CENTER OF THE PAVEMENT IN TOP OF A LONG ROCK AND CONCRETE WALL, ABOUT 212 FEET S.E. FROM CULVERT 9.~~36~~ 26, 3 FEET S.E. OF N.W. END OF WALL, ABOUT 18 INCHES ABOVE THE PAVEMENT, SET A 2 3/4 INCH BRASS DISC STAMPED

COUNTY ENGINEER BM 212-39 1973 R.E. 7078

WITH SMALL BUTTON.

• B.M. & Desc. O.K. 9-15-77 L.W. JONES

Desc. OK 7-12-78 DLB.

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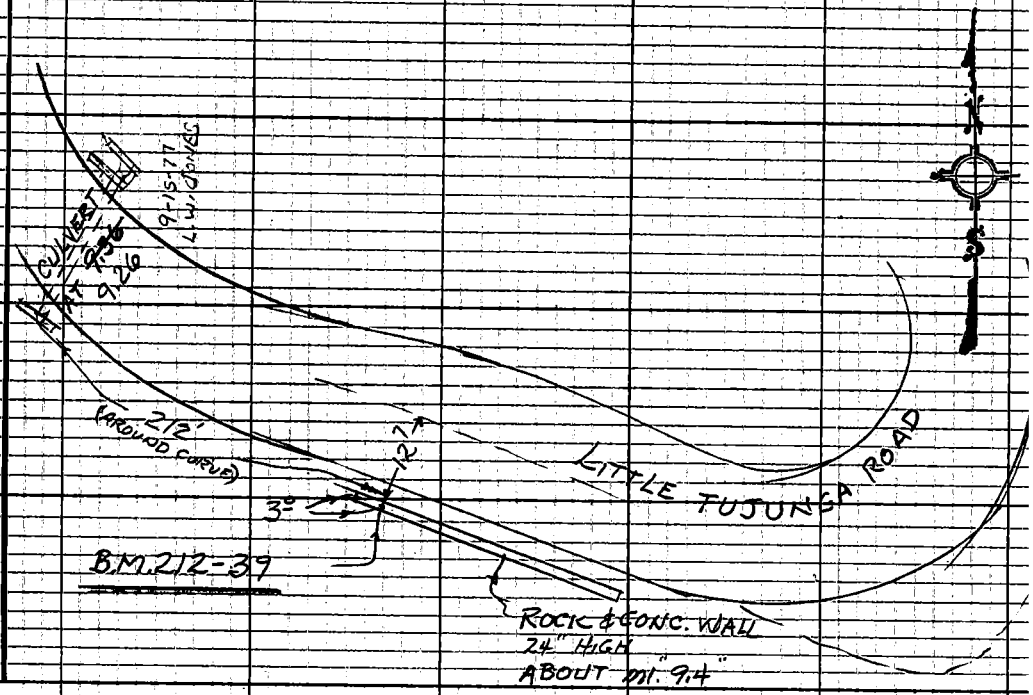
16F309 S ICE #310 3-69



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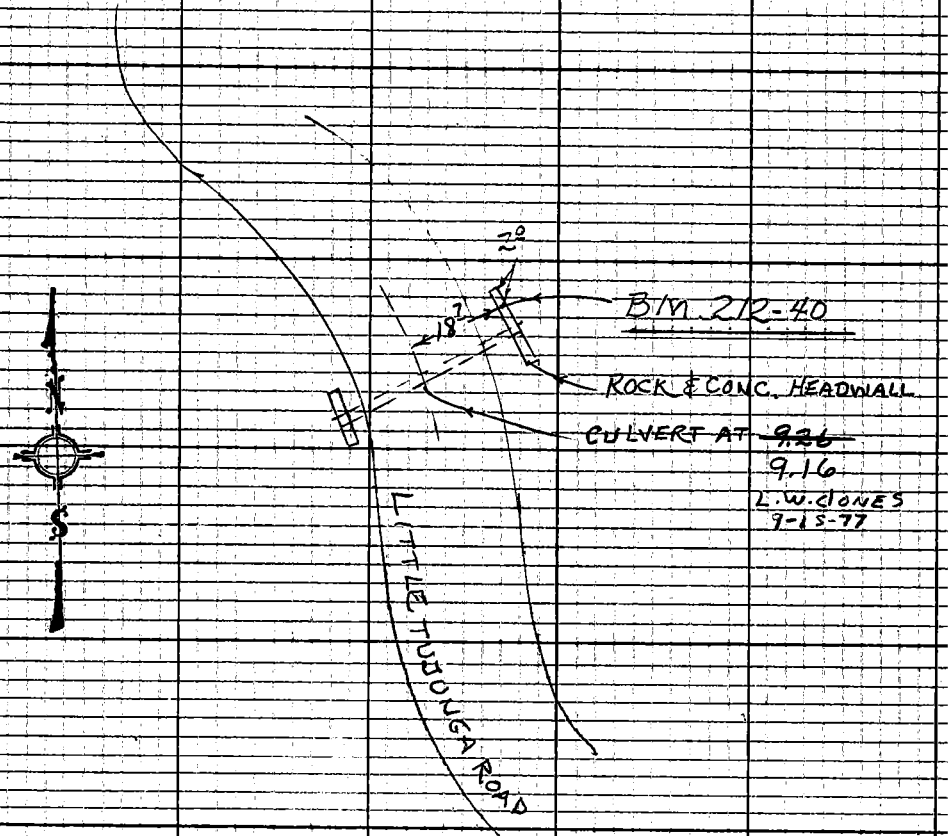
Surveyed by G.E. DREIER
Notes G.E. DREIER Date 4-20-73
Indexed T. M. PALMERI MAY 22 1973

BM 2R-40

LITTLE TUJUNGA ROAD, 10.85 MILES NORTHERLY FROM FOOTHILL BLVD 0.95 MILE S.E'LY FROM BEAR DIVIDE, AT CULVERT ~~9.26~~ 9.16, 18.7 FEET E NORTHEAST OF THE CENTER OF THE PAVEMENT, IN TOP OF A ROCK AND CONC. HEADWALL 2 FEET S.E. FROM THE N.W. END, ABOUT LEVEL WITH THE PAVEMENT, SET A 2¾ INCH BRASS DISC STAMPED WITH SMALL BUTTON.

B.M. OK. 9-15-77 L.W. JONES
Desc OK 7-11-78 DLB.

COUNTY ENGINEER BM 2R-40 1973 R.E. 707.8



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16F309s CE#310 3-69

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Map No.	J.N. 0301.02 Tape Std °F
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Checked	Notes G.E. DREIER Date 4-25-73
Date	Indexed T. M. PALMER MAY 22 1973

B.M. 212-41

LITTLE TUJUNGA ROAD ~~10.8~~ 11.4 MILES NORTHERLY FROM FOOTHILL BLVD, 0.8 MILE S.E'LY FROM BEAR DIVIDE, 22 FEET NORTH FROM THE CENTER OF THE PAVEMENT ON A SHARP CURVE, 273 FEET S.W. FROM CULVERT ~~9.16~~ 9.06, ON A WHITE ROCK ABOUT 4 FEET HIGHER THAN THE PAVEMENT, SET A 2 3/4 INCH BRASS DISC STAMPED B.M. 212-41 1973 WITH SMALL BUTTON.

B.M. OK. 9-15-77 L.W. JONES

Desc. ok 7-11-1978 DLB

COUNTY ENGINEER B.M. 212-41 1973 R.E. 7078

CULVERT AT ~~9.16~~ 9.06

9-15-77 L.W. JONES

B.M. 212-41

LITTLE TUJUNGA RD.

273

22

TURN OUT AND LOOK OVER AREA (DIRT)

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

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E.B. 2862 PG. 151 ✓

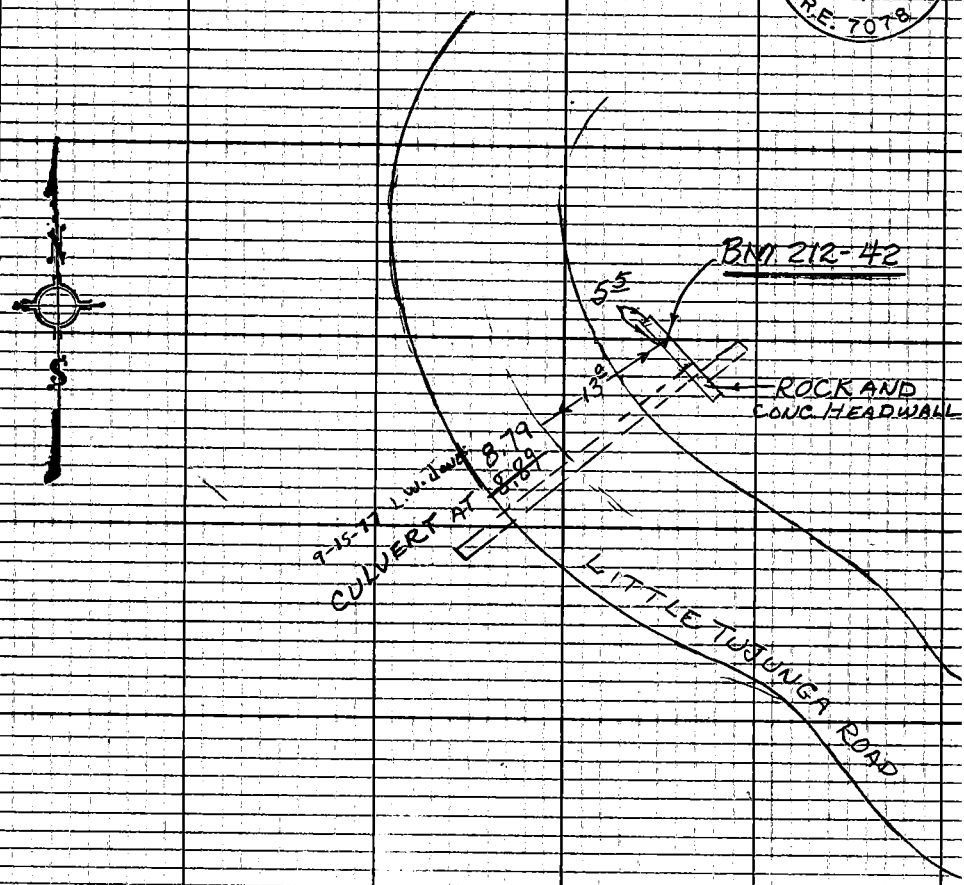
B.M. 212-42

LITTLE TUJUNGA ROAD, 11.5 MILES NORTHERLY FROM FOOTHILL BLVD., 0.6 MI. S'LY FROM BEAR DIVIDE, AT CULVERT ~~8.89~~ 8.79, 13.0 FEET N.E. OF CENTER OF PAVEMENT, IN TOP OF ROCK AND CONCRETE HEADWALL, 5.5 FEET S.E. FROM N.W. END, ABOUT 18 INCHES HIGHER THAN THE PAVEMENT, SET A 2¾ INCH BRASS DISC STAMPED

B.M. O.K. 9-15-77 L.W. JONES

Desc OK 7-10-78 DLB

COUNTY ENGINEER BM 212-42 1973 R.E. 7078



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76F309S CE#310 3-69

Notes Ck'd by	Survey of L.A. Co. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 4-20-1973
Date	Indexed T. M. PALMERI MAY 22 1973

F.B. 2862 PG. 153

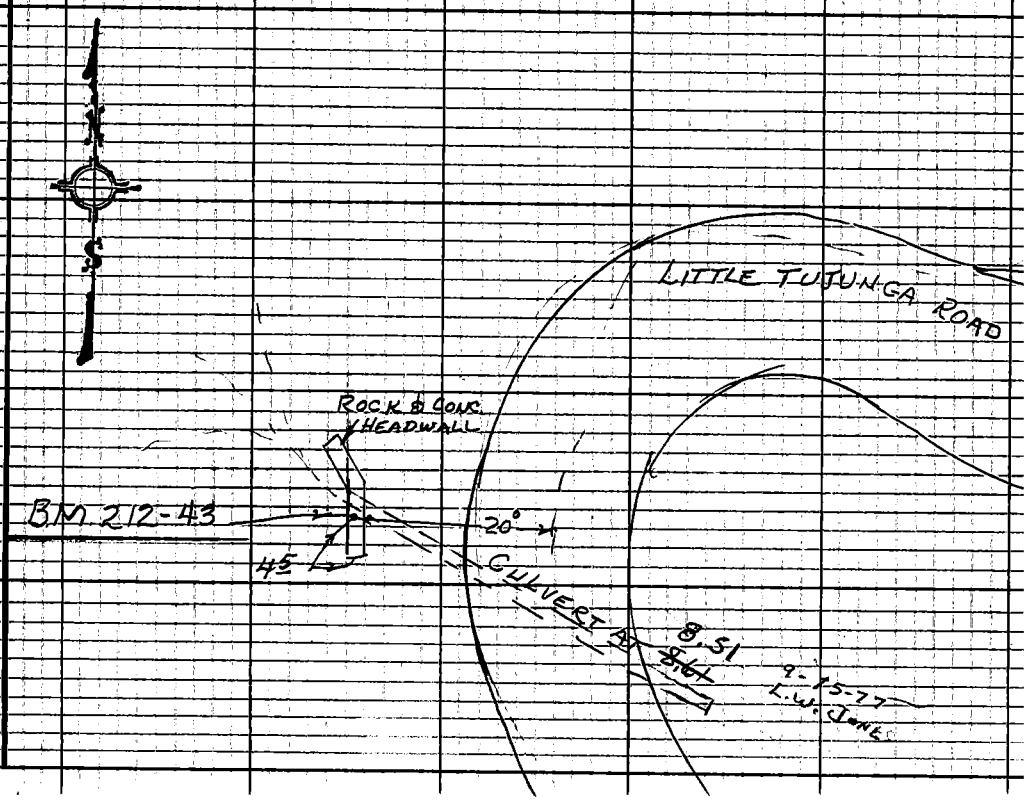
B.M. 212-43

LITTLE TUJUNGA ROAD, 11.8 MILES NORTHERLY FROM FOOTHILL BLVD, 0.4 MILE S'LY FROM BEAR DIVIDE, IN TOP OF HEADWALL OF CULVERT ~~8.61~~ 8.51, 20 FEET WEST OF THE CENTER OF THE PAVEMENT, 4.5 FEET NORTH OF THE SOUTH END, SET A 2¾ INCH BRASS DISC STAMPED WITH A SMALL BUTTON, ABOUT 6 INCHES HIGHER THAN THE PAVEMENT.

B.M. O.K. 9-15-77 L.W. JONES

DESC. OK 7-05-78 DLB

COUNTY ENGINEER BM 212-43 1973 R.E. 7078



6"

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J.N. 0301.02 Tape Std °F
Surveyed by G.E. DREIER
Notes G.E. DREIER Date 4-26-1973
Indexed L.M. PALMERI MAY 22 1973

B.M. 212-44

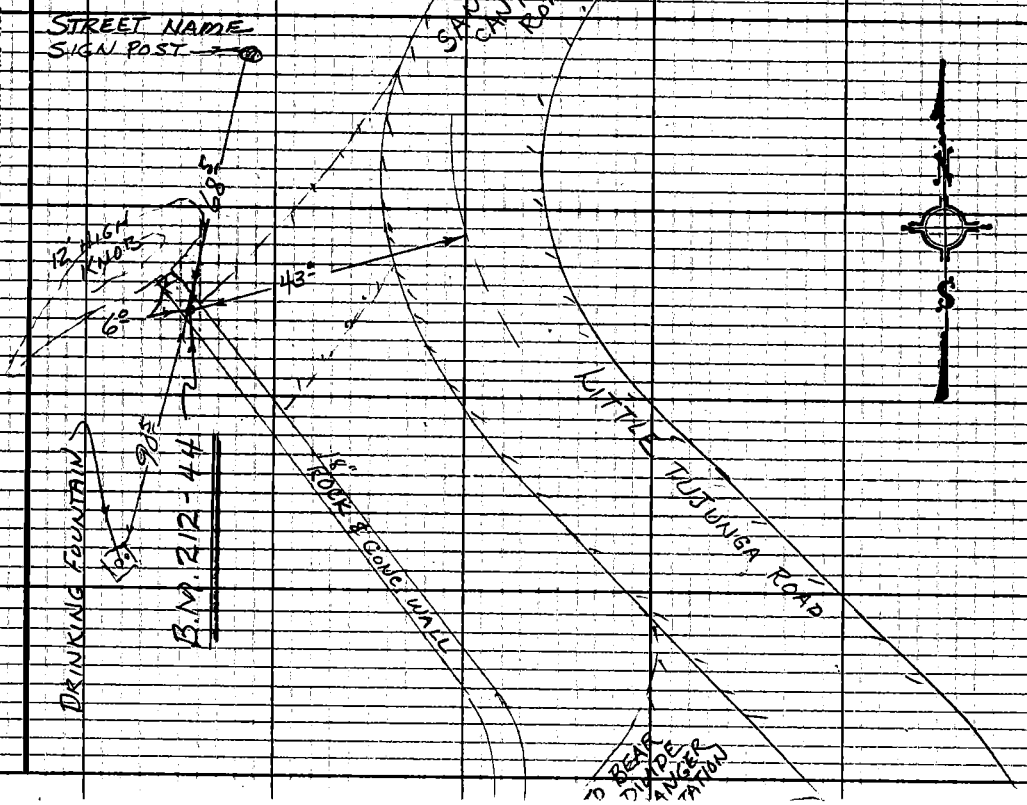
AT JUNCTION OF SAND CANYON ROAD AND LITTLE TUJUNGA ROAD, AT BEAR DIVIDE, 43 FEET WEST OF THE CENTER OF THE PAVEMENT, 90.5 FEET N.E. FROM THE N.E. CORNER OF A ROCK AND CONCRETE DRINKING FOUNTAIN, 68.5 FEET S.W. OF THE STREET NAME SIGN POST, IN TOP OF A 18 INCH HIGH ROCK AND CONCRETE WALL, 6 FEET S'LY FROM THE N'LY END, SET A 2¾ INCH BRASS DISC STAMPED

COUNTY ENGINEER
B.M. 212-44
1973
R.E. 7078

WITH SMALL BUTTON.

B.M. & DESC. O.K. 9-15-77 L.W. JONES

DESC OK 7-10-78 DLB



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Date	Indexed T. M. PALMERI MAY 22 1973

F.B. 2862 PG. 157 ✓

B.M. 212-45

UP 12'

SAND CANYON ROAD, 2.9 MILES SOUTHEAST FROM PLACERITA CANYON ROAD, 0.2 MILE N.E. FROM BEAR DIVIDE, AT CULVERT ~~8.08~~ 7.98, 18 FEET SOUTH OF CENTER OF PAVEMENT, ABOUT 1 FOOT HIGHER THAN THE PAVEMENT, IN TOP OF, 4.5 FEET EAST OF WEST END OF A ROCK AND CONCRETE HEADWALL, SET A 2¾ INCH BRASS DISC STAMPED WITH SMALL BUTTON.

B.M. O.K. 9-15-77 L.W. DONES

Desc. OK 7-05-78 DLB

COUNTY ENGINEER BM 212-45 1973 R.E. 7078

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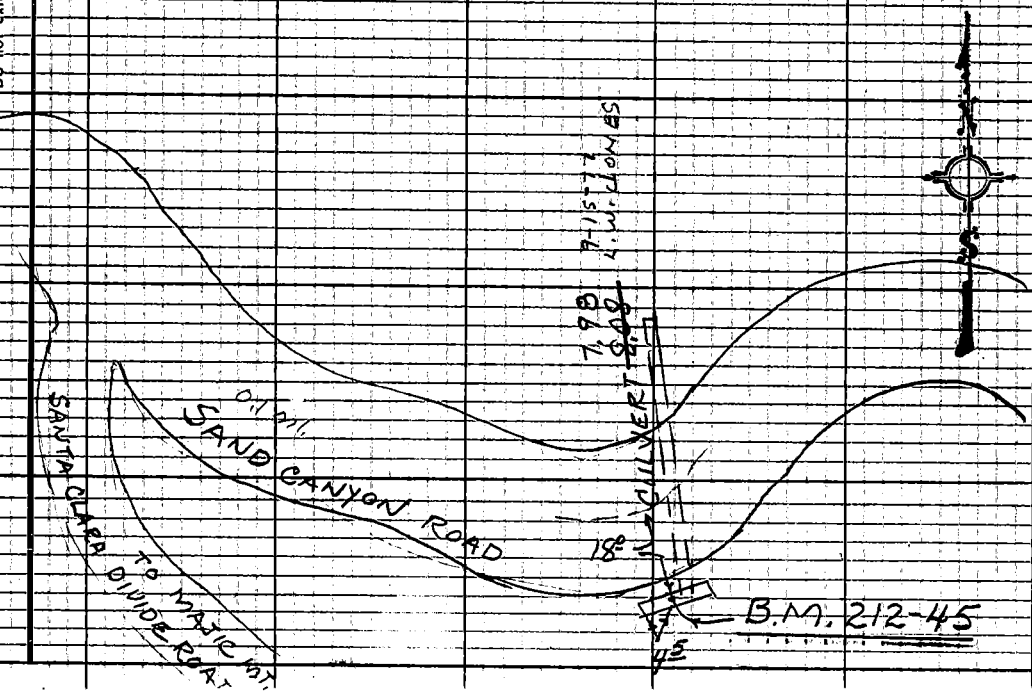

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Date	Indexed T. M. PALMER MAY 22 1973

F.B. 2862 PG. 159

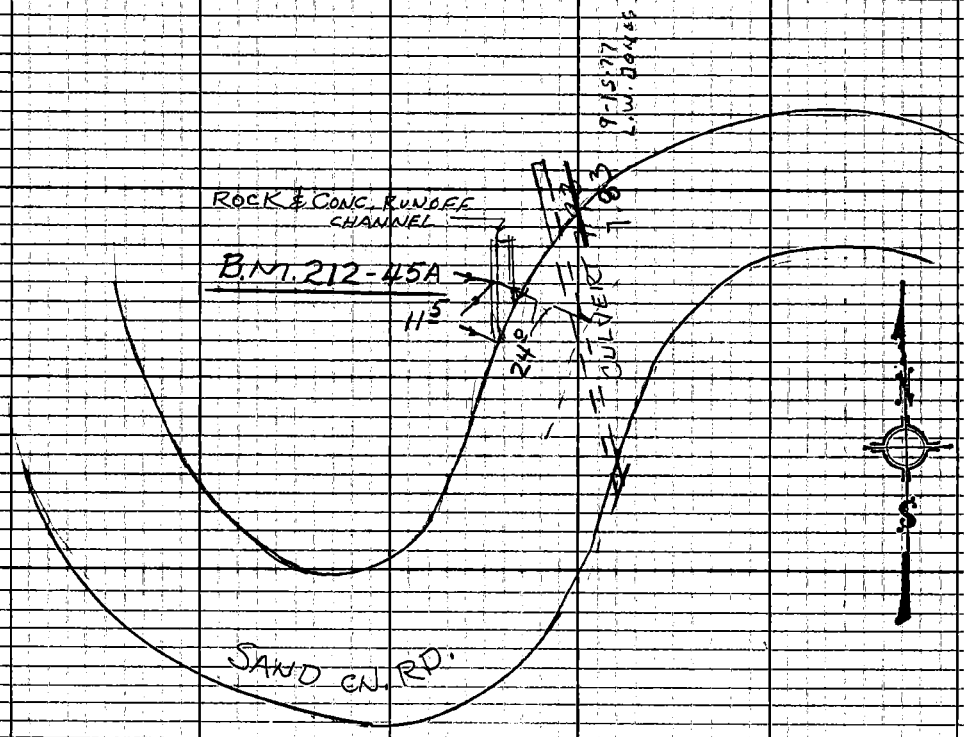
B.M. 212-45A

SAND CANYON ROAD, 2.85 MILES SOUTHEAST FROM PLACERITA CANYON ROAD 0.35 MILE NORTHEAST FROM BEAR DIVIDE, AT CULVERT ~~1983~~ 24 FEET N.W. FROM CENTER OF PAVEMENT, IN TOP OF WESTERLY WALL OF ROCK AND CONCRETE RUNOFF STRUCTURE, 11.5 FEET N'LY FROM S'LY END, SET A 2¾ BRASS DISC STAMPED B.M. 212.45 1973 R.E. 7078 WITH SMALL BUTTON, ABOUT LEVEL WITH THE PAVEMENT.

B.M. ~~DES~~ O.K. 9-15-77 L.W. JONES

Desc. O.K. 6-05-78 DLB

COUNTY ENGINEER B.M. 212.45 1973 R.E. 7078



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Checked	Notes G.E. DREIER Date 4-30-1973
Date	Indexed T. M. PALMERI MAY 22 1973

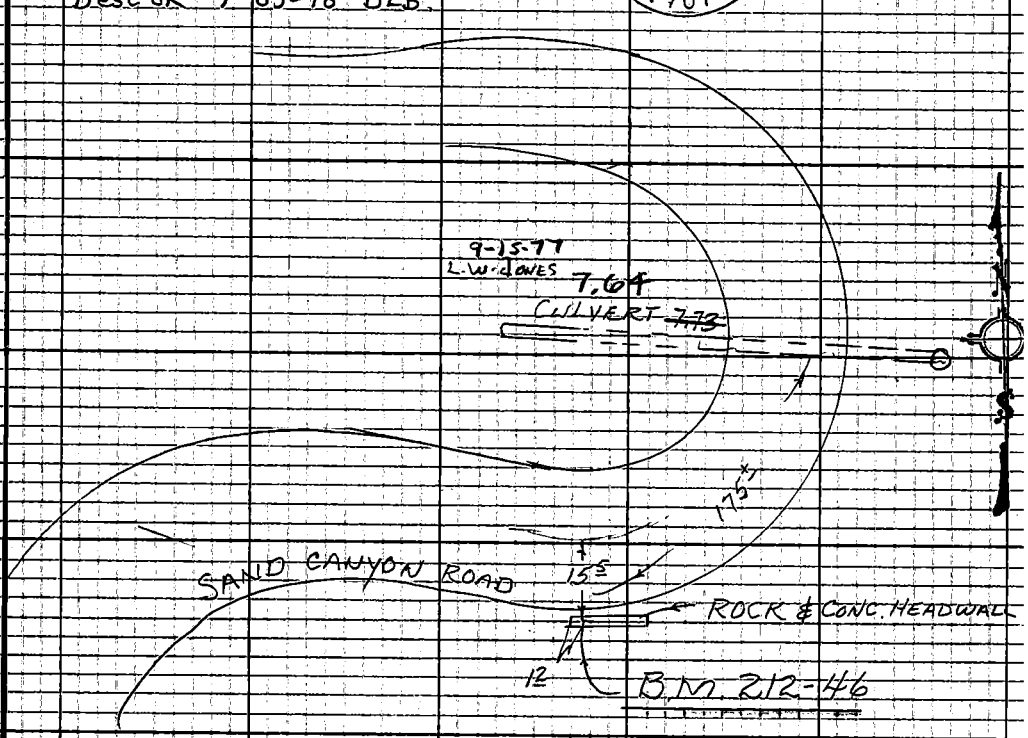
F.B. 2862 PG. 161 ✓

B.M. 212-46

SAND CANYON ROAD, 2.55 MILES SOUTHEAST FROM PLACERITA CANYON ROAD, 0.6 MILE N.E. FROM BEAR DIVIDE, ABOUT 175 FEET S.W. FROM CULVERT ~~7.73~~ 7.64, 15.5 FEET SOUTHERLY FROM THE CENTER OF THE PAVEMENT, IN TOP OF A ROCK AND CONCRETE HEADWALL, 1.2 FEET EAST OF THE WEST END, SET A 2¾ INCH BRASS DISC STAMPED COUNTY ENGINEER B.M. 212-46 1973 R.E. 7078 WITH SMALL BUTTON ABOUT 6 INCHES HIGHER THAN THE PAVEMENT

B.M. OK. 9-15-77 L.W. JONES

Desc OK 7-05-78 DLB



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76 3005 ICE #310 3-69

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Checked	Notes G.E. DREIER Date 4-26-1973
Date	Indexed T. M. PALMERI MAY 22 1973

F.B. 2862 PG. 163

B.M. 212-47

SAND CANYON ROAD, 2.35 MILES SOUTHEAST FROM PLACERITA CANYON ROAD, AT CULVERT ~~753~~ 744, 27.3 FEET NORTH OF THE CENTER OF THE PAVEMENT, 1.3 FEET S.E. OF THE N.W. END OF ROCK AND CONCRETE HEADWALL, ABOUT 1 FOOT HIGHER THAN THE PAVEMENT

SET A 2 3/4 INCH BRASS DISC STAMPED

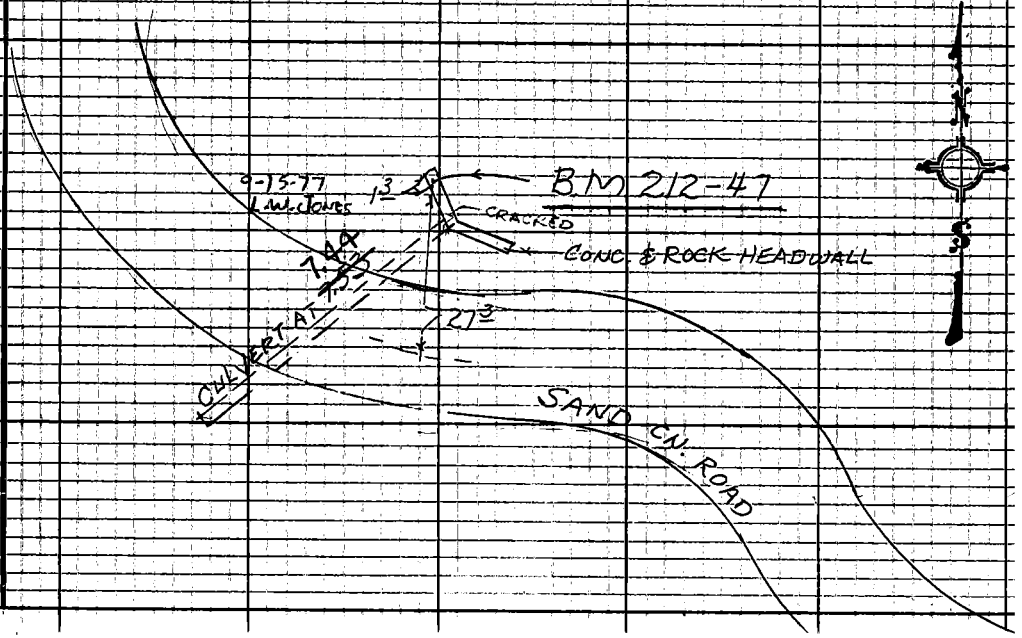
WITH A SMALL BUTTON

B.M. 212-47

B.M. O.E. 9-15-77 L.W. JONES

DESC. OK 6-28-78 DLB.

COUNTY ENGINEER
B.M. 212-47
1973
R.E. 7078



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76F309s (EX#310) 3-69

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Checked	Notes G.E. DREIER Date 4-27-1973
Date	Indexed T. M. PALMER MAY 22 1973

F.B. 2862 Pg. 165

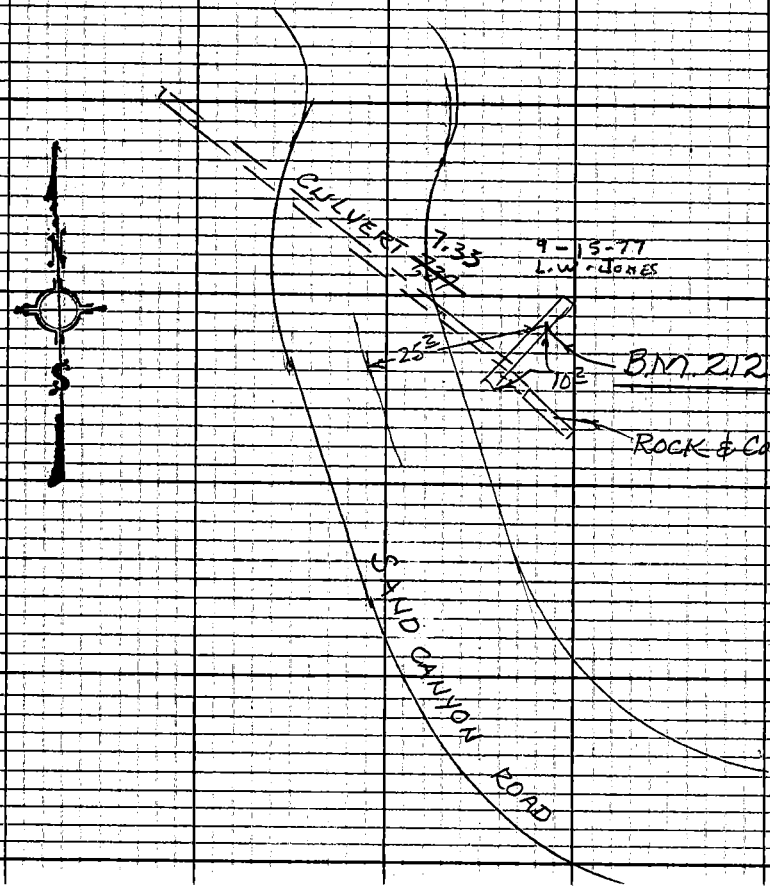
B.M. 212-48

SAND CANYON ROAD, 2.15 MILES SOUTHEAST FROM PLACERITA CANYON ROAD AT CULVERT ~~1.37~~ 1.33, 25.2 FEET NORTH, EAST OF THE CENTER OF THE PAVEMENT, 10.2 FEET N.E. OF S.W. END OF A ROCK AND CONCRETE HEADWALL ABOUT 1 FOOT HIGHER THAN THE PAVEMENT, SET A 2½ INCH BRASS DISC STAMPED B.M. 212-48 1973 WITH SMALL BUTTON.

B.M. O.F. 9-15-77 L.W. JONES

Desc OK 6-28-78 DLB.

COUNTY ENGINEER B.M. 212-48 1973 R.E. 7078



UP 12"

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76 F309 S ICE #310 3-69

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Checked	Notes G.E. DREIER Date 4-30-73
Date	Indexed T. M. PALMERI MAY 22 1973

E.B. 2862 PG. 167

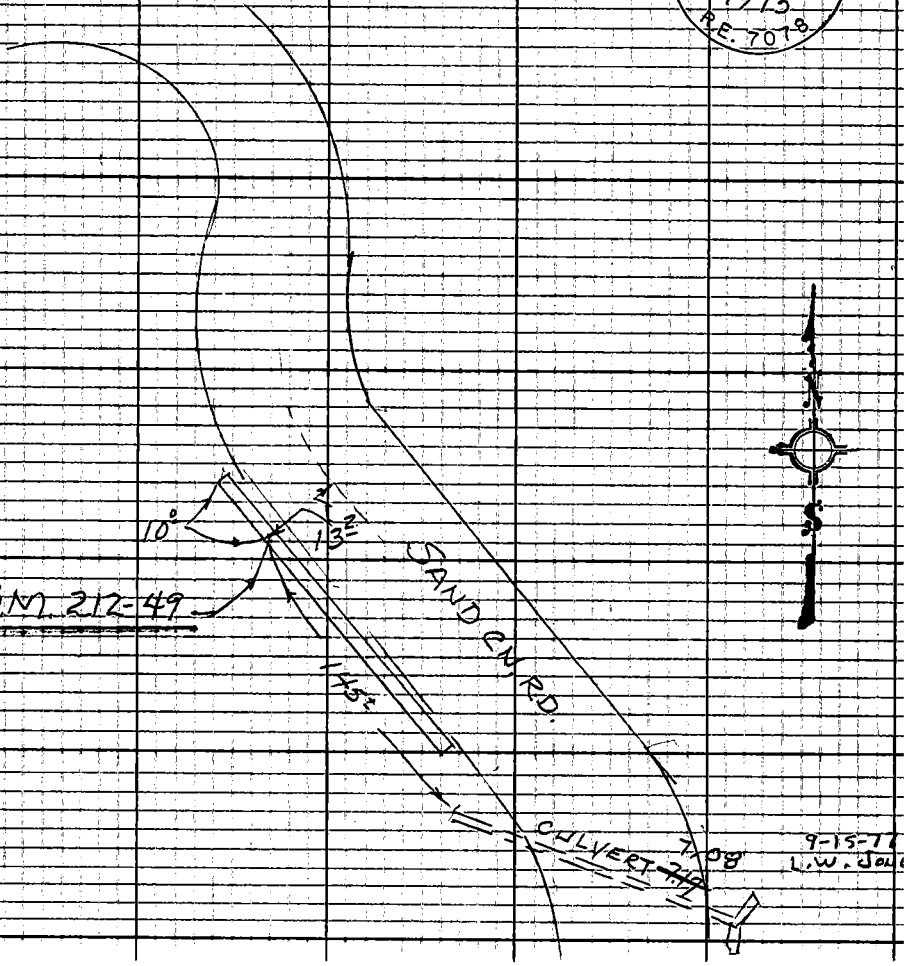
B.M. 212-49

SAND CANYON ROAD, 2.0 MILES SOUTHEAST FROM PLACERITA CANYON ROAD, AT ROCK AND CONCRETE WALL ABOUT 145 FEET N.W. OF CULVERT 7.08, 13.2 FEET S.W. OF THE CENTER OF THE PAVEMENT, 10 FEET S.E. OF THE N.W. END OF THE WALL 18 INCHES ABOVE THE PAVEMENT, SET A 2 3/4 INCH BRASS DISC STAMPED WITH SMALL BUTTON,

B.M. O.K. 9-15-77 L.W. JONES

DESC. OK 6-28-78 DLB

COUNTY ENGINEER BM 212-49 1973 RE. 7078



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76F309s ICE#310 3-69

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Checked	Notes G.E. DREIER Date 4-20-73
Date	Indexed L. M. PALMER MAY 22 1973

E.B. 2862 PG. 169

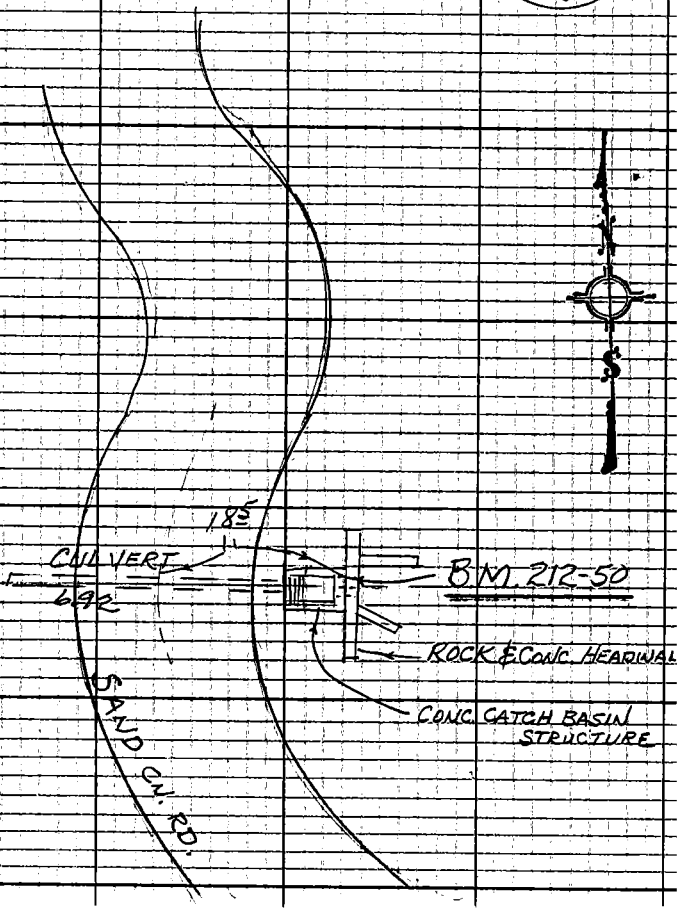
B.M. 212-50

SAND CANYON ROAD, 1.7 MILES SOUTHEAST FROM PLACERITA CANYON ROAD, AT CULVERT 6.92, 18.5 FEET EAST OF CENTER OF PAVEMENT, IN TOP OF NORTHEAST CORNER OF A CATCH BASIN STRUCTURE ABOUT 2.5 FEET HIGHER THAN THE PAVEMENT, SET A 2 3/4 INCH BRASS DISC STAMPED WITH A SMALL BUTTON

B.M. & DESC. O.K. 9-15-77 L.W. JONES

Desc. OK 6-28-78 DLB

COUNTY ENGINEER B.M. 212-50 1973 R.E. 7078



30'

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76F309s CE#310 3-69

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Checked	Notes G.E. DREIER Date 4-30-1973
Date	Indexed T. M. PALMERI MAY 22 1973

F.B. 2862 PG. 171 ✓

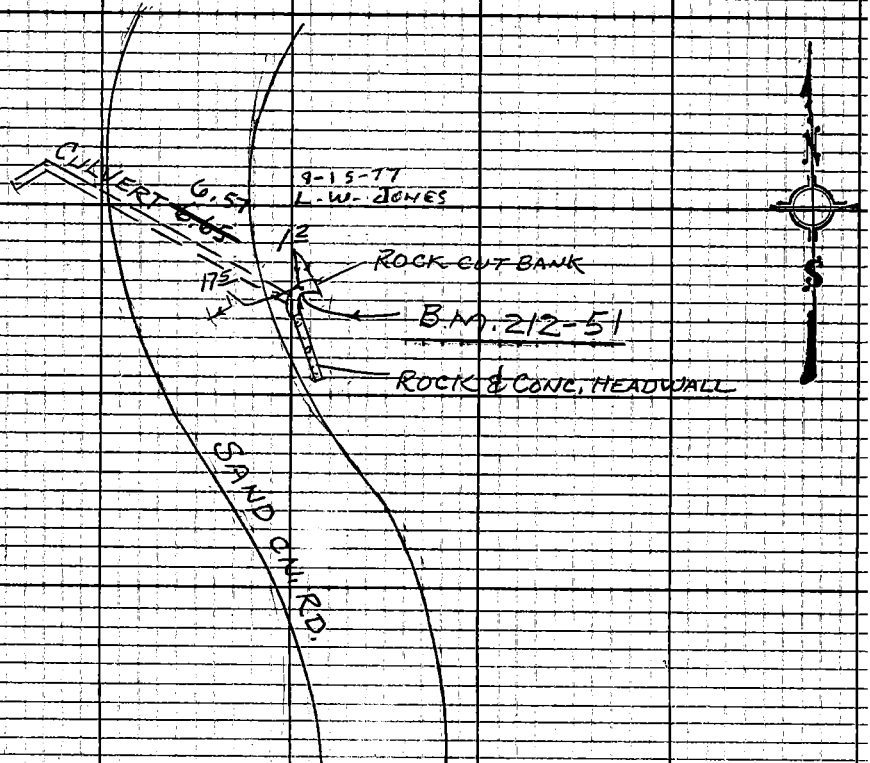
B.M. 212-51

SAND CANYON ROAD, 1.45 MILES SOUTHEAST FROM PLACERITA CYN. ROAD, AT CULVERT ~~6.65~~ 6.51, 17.5 FEET EAST OF CENTER OF PAVEMENT, IN TOP OF NORTH END OF ROCK AND CONCRETE HEADWALL, 1.3 FEET WEST OF ROCK CUT BANK SET A 2 3/4 INCH BRASS DISC STAMPED WITH SMALL BUTTON, ABOUT LEVEL WITH THE PAVEMENT.

B.M. DR. 9-15-77 L. W. JONES

DESC OK 6-28-78 DLB

COUNTY ENGINEER B.M. 212-51 1973 R.E. 7019



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Date	Indexed T. M. PALMERI MAY 22 1973

E.B. 2862 PG. 173 ✓

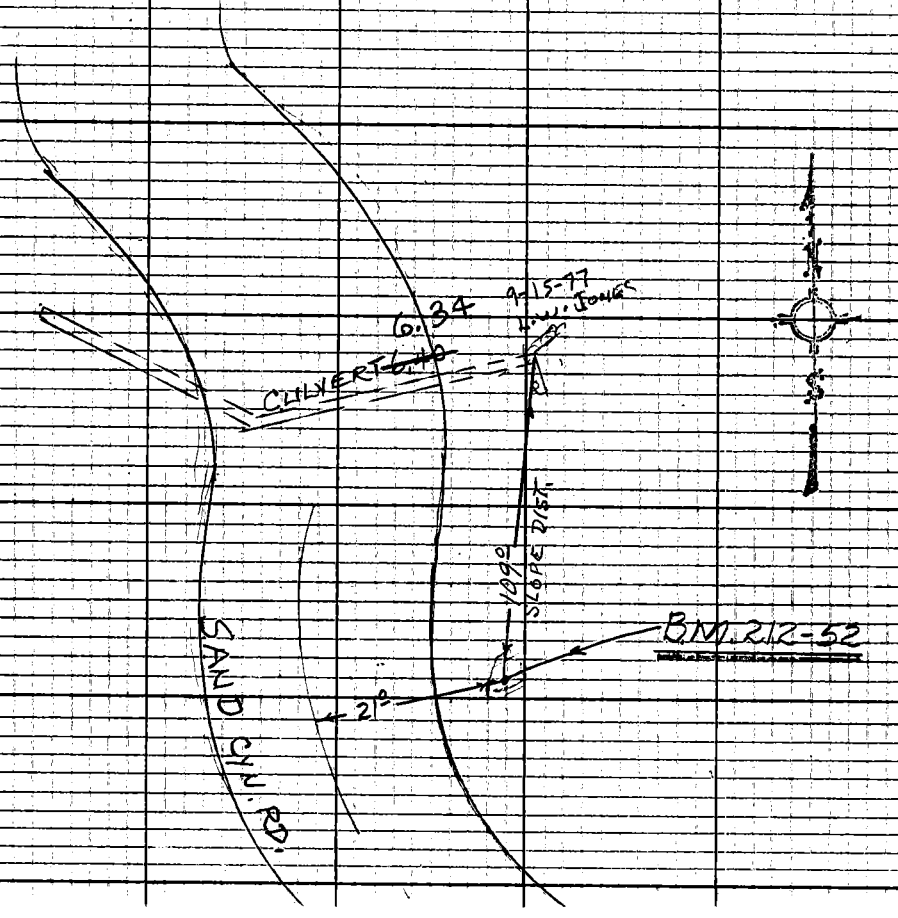
B.M. 212-52

SAND CANYON ROAD, 1.25 MILES SOUTHERLY FROM PLACERITA CANYON ROAD, 109 FEET SLOPE DISTANCE, SOUTH OF EAST END OF CULVERT ~~6.40~~ 6.34, 21 FEET EAST OF CENTER OF PAVEMENT, ON A 2± FOOT x 1± FOOT ROCK LEDGE, 6 FEET HIGHER THAN THE PAVEMENT, SET A 2 3/4 INCH BRASS DISC STAMPED IN NATIVE ROCK. WITH SMALL BUTTON

COUNTY ENGINEER BM 212-52 1973 R.E. 7078

Desc. OK 6-28-78 DLB

B.M. O.K. 9-15-77 L.W. JONES



5 1/2

21

135

6.40

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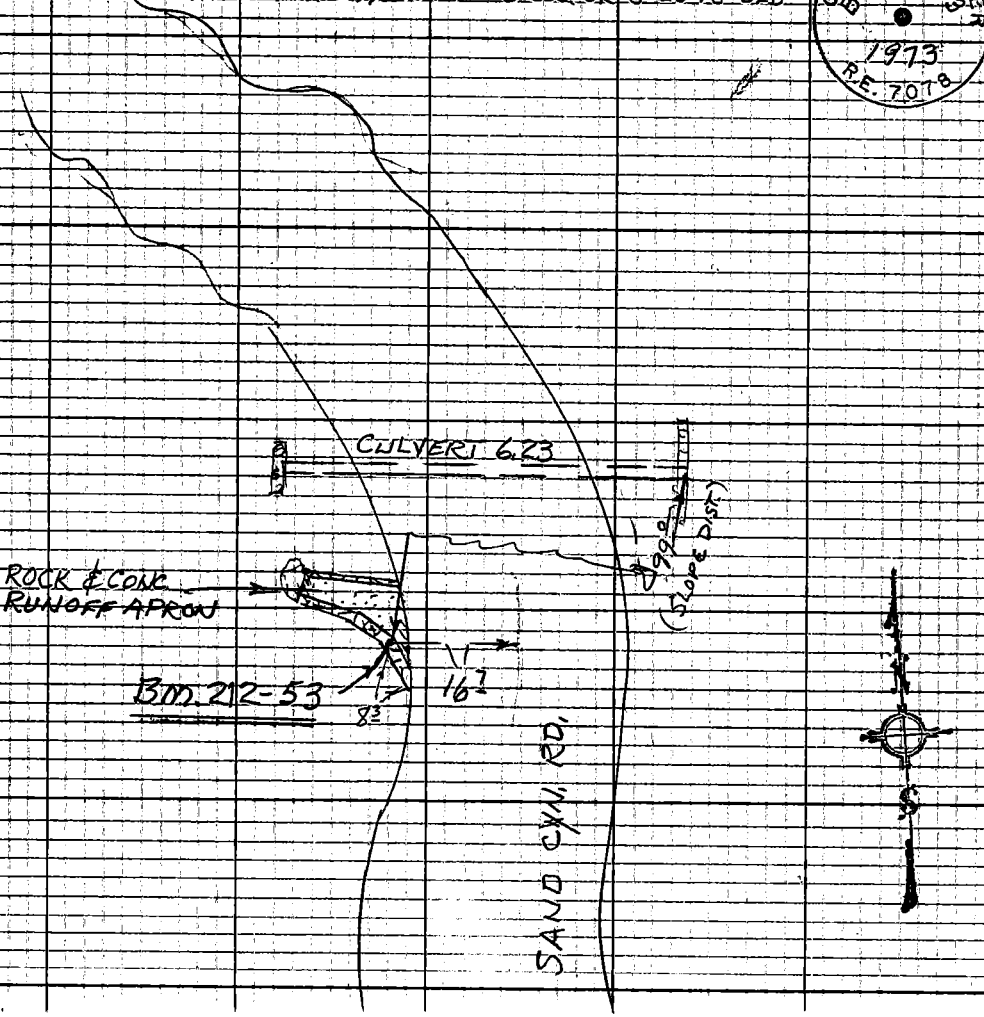
Date	Indexed T. M. PALMERI MAY 22 1973

F.B. 2862 PG. 175

LEVEL

BM. 212-53

SAND CANYON ROAD, 1.05 MILES (SLOPE DIST.) SOUTH FROM PLACERITA CANYON ROAD, 99 FEET, SOUTHERLY FROM EAST END OF CULVERT 6.23, 16.7 FEET WEST OF CENTER OF PAVEMENT, IN TOP OF S'LY WALL OF ROCK AND CONCRETE RUNOFF STRUCTURE, 8.3 FEET N.W FROM S.E. END, SET A 2¾ INCH BRASS DISC STAMPED "COUNTY ENGINEER BM 212-53 1973 R.E. 7078", WITH SMALL BUTTON, ABOUT LEVEL WITH THE PAVEMENT. Desc ok 6-28-78 DLB



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4.7
99

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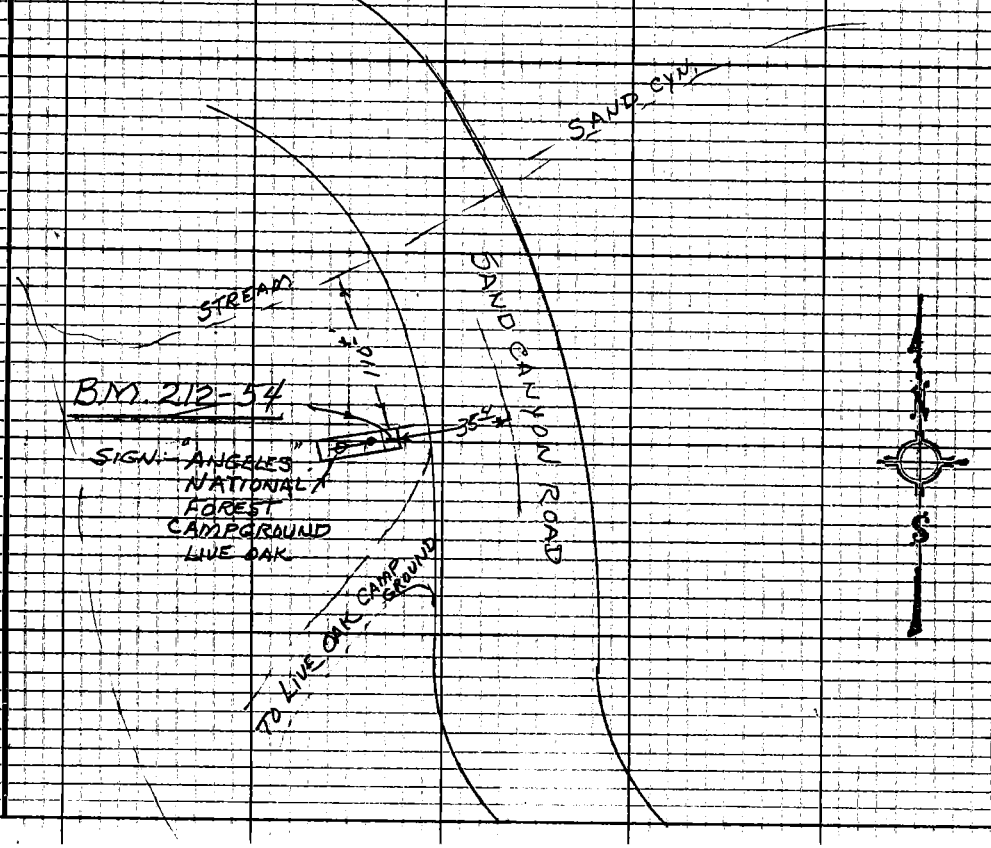
JN 0301.02 Tape Std °F.
Surveyed by G.E. DREIER
Notes G.E. DREIER Date 5-1-73
Indexed T. M. PALMERI MAY 22 1973

B.M. 212-54 (F.C. 146-03780 1972)

SAND CANYON ROAD, 0.8 MILE SOUTHEAST FROM PLACERITA CANYON ROAD, ABOUT 110 FEET SOUTH OF STREAM CROSSING, 35.4 FEET WEST OF THE CENTER OF THE PAVEMENT IN EAST END OF ROCK AND CONCRETE BASE OF "ANGELES NATIONAL FOREST CAMPGROUND LIVE OAK" SIGN, FOUND A 2½ INCH BRAS DISC STAMPED

L.A. COUNTY FLOOD CONTROL DIST. B.M. 146-03780 1972

Desc. OK 6-28-78 DLB



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16F309S CE#310 3-69

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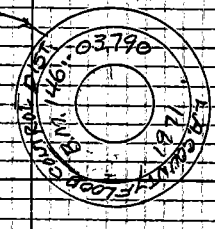
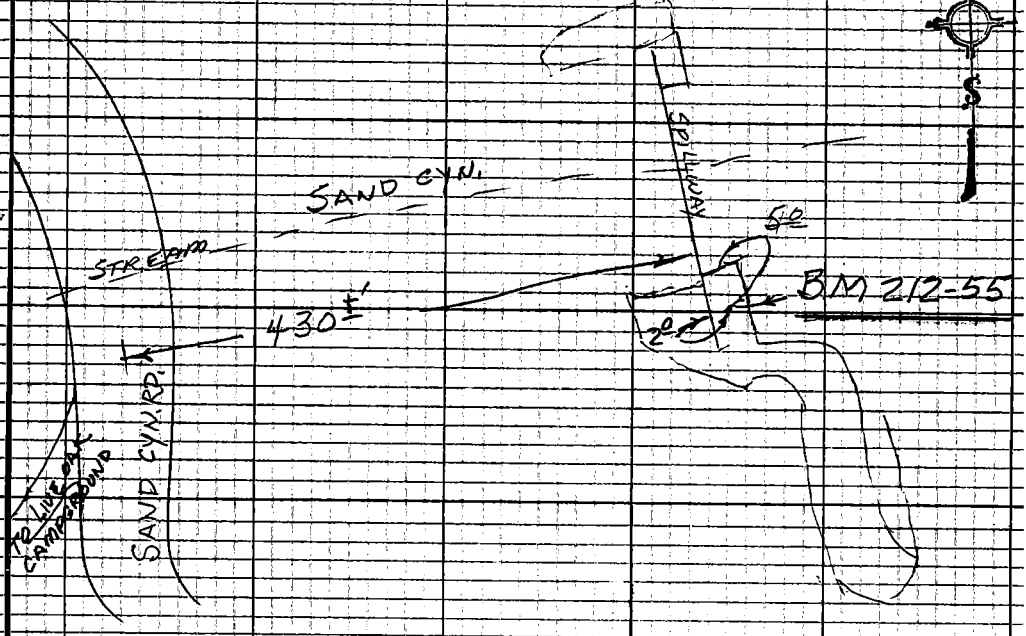
Date	Indexed T. M. PALMERI MAY 22 1973

B.M. 212-55 (F.C. 146-03790 1971)

SAND CANYON ROAD, 0.8 MILE SOUTHEAST FROM PLACERITA CANYON ROAD, AT SAND CANYON CREEK, ABOUT 430 FEET EAST OF SAND CANYON ROAD, IN TOP OF CONC. CRIB AND GUNITE STRUCTURE, 5 FEET SOUTH OF SPILLWAY, FOUND A 2¼ INCH BRASS DISC STAMPED

Desc. OK 6-28-78 DLB





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Checked	Notes G.E. DREIER Date 5-1-73
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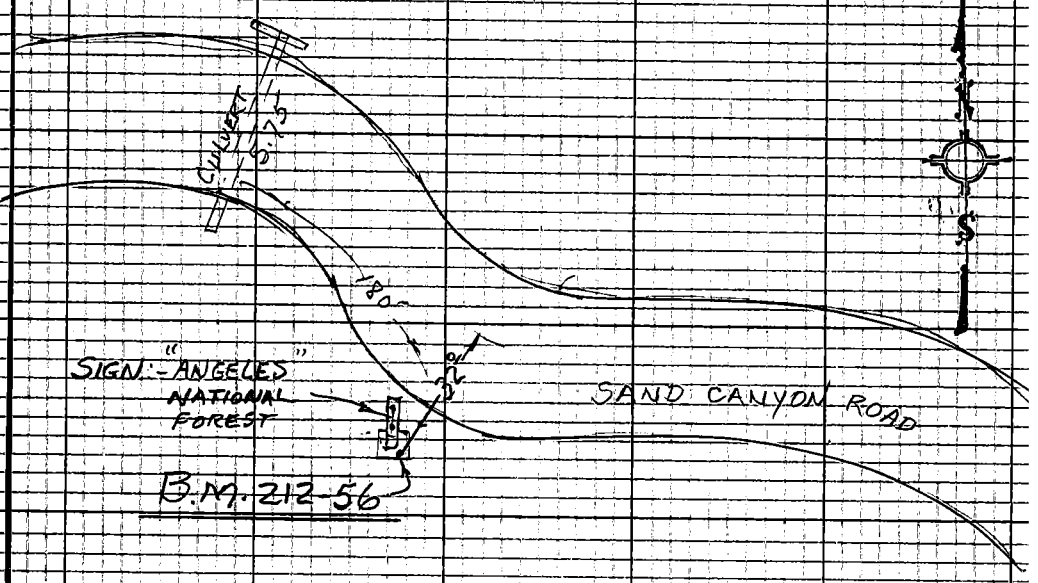
F.B. 2862 PG 187

B.M. 212-56 (F.C. 146-03765 1972)

SAND CANYON ROAD, 0.6 MILE SOUTHEASTERLY FROM PLACERITA CANYON ROAD, ABOUT 180 FEET SOUTHEAST OF CULVERT 5.75, 32.0 FEET S'LY FROM CENTER OF PAVEMENT IN S.E. CORNER OF ROCK AND CONCRETE BASE OF "ANGELES NATIONAL FOREST" SIGN, FOUND A 2¼ INCH BRASS DISC STAMPED ABOUT 1 FOOT ABOVE THE PAVEMENT.

Desc. OK 6-27-78 DLB

L.A. COUNTY FLOOD CONTROL DIST. B.M. 146-03765 1972



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.

76F309S CE#310 3-69

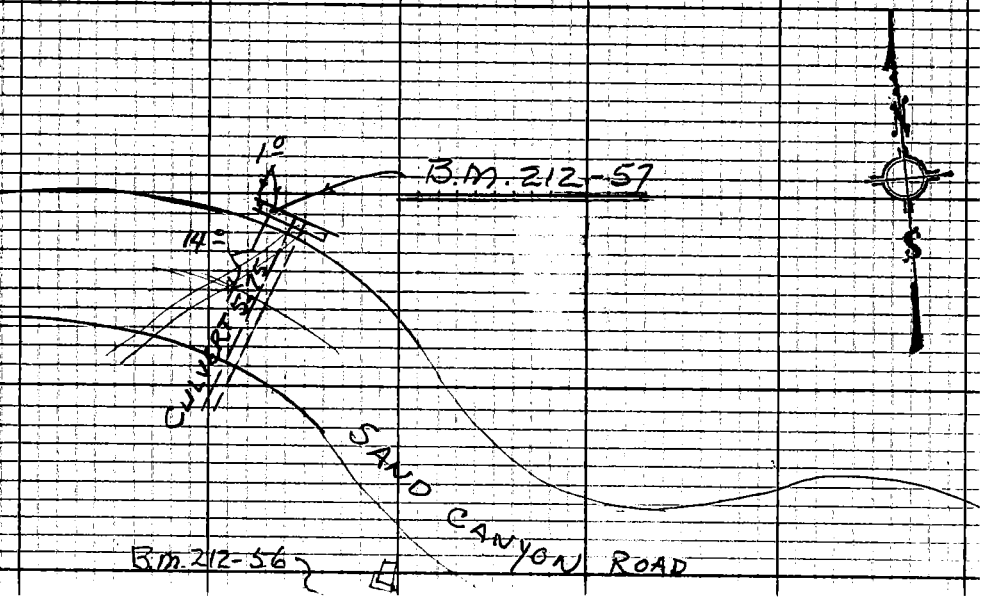
Notes Ck'd by	Survey of L.A. Co. PRECISE LEVEL NET
Map No.	J.N. 03002 Tape Std °F.
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 5-1-73
Date	Index T. M. PALMERI MAY 22 1973

F.B. 2862 PG. 183 ✓

B.M. 212-57 (F.C. B.M. 146-03900 1964)

SAND CANYON ROAD 0.6 MILE S'LY FROM PLACERITA CANYON ROAD AT CULVERT 5.75, 14 FEET NORTHERLY FROM CENTER OF PAVEMENT IN TOP OF ROCK AND CONC. HEADWALL, 1 FOOT EAST OF WEST END, FOUND A 3⅝ INCH L.A. COUNTY FLOOD CONTROL DISTRICT BRASS DISC STAMPED "B.M. 146-03900 1964" ABOUT LEVEL WITH THE PAVEMENT.

Desc. OK 6-21-78 DLB



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16F309S CE#310 3-69

Notes Ck'd by	Survey of LACo. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 5-1-73
Date	Index T. M. PALMERI MAY 22 1973

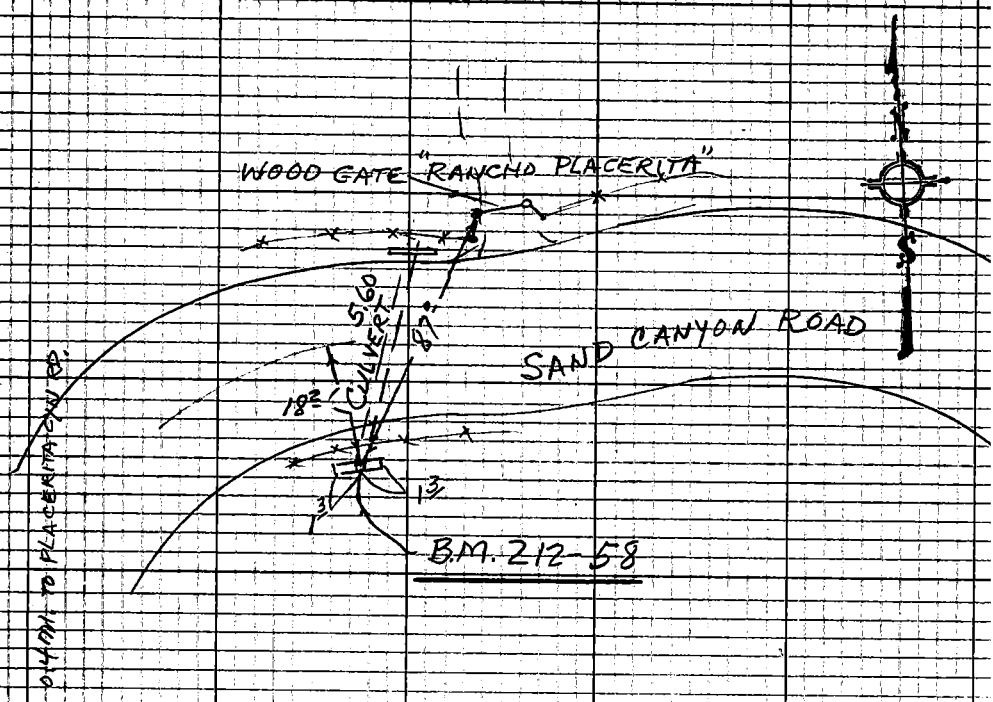
F.B. 2862 PG. 185

B.M. 212-58 (F.C. B.M. 146-03743 1972)

SAND CANYON ROAD, 0.4 MILE S'LY FROM PLACERITA CANYON ROAD, IN TOP OF S'LY ROCK AND CONCRETE HEADWALL OF CULVERT 5.60, 18.2 FEET SOUTH OF CENTER OF PAVEMENT, 87 FEET S.W. AND ACROSS ROAD FROM WEST GATE POST OF "RANCHO PLACERITA" FOUND A 2¼ INCH L.A. COUNTY FLOOD CONTROL DISTRICT BRASS DISC STAMPED

Desc. ok 6-27-78 DLB

L.A. COUNTY FLOOD CONTROL DIST. B.M. 146-03743 1972



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76F309S CE#310 3-69

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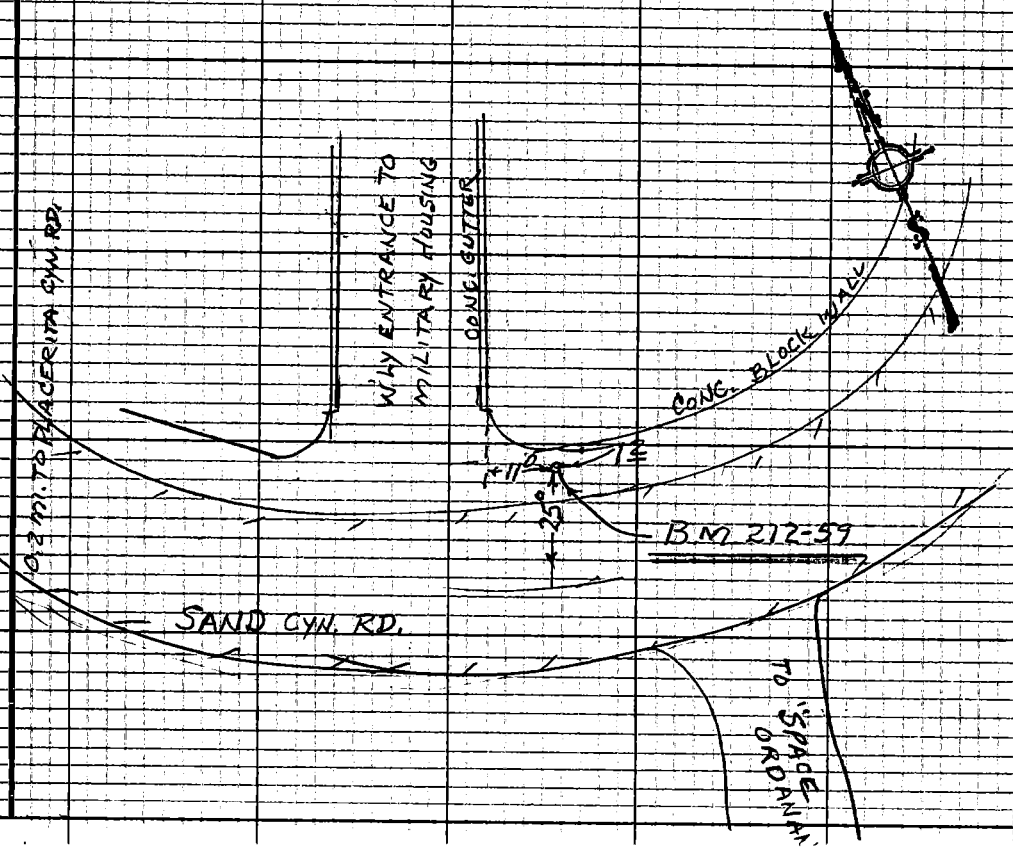
Map No.	J.N. 030102 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 5-1-73
Date	Index T. M. PALMER MAY 22 1973

E.B. 2862 PG. 187 ✓

B.M. 212-59 (F.C.B.M. 146-03700 1964)

SAND CANYON ROAD, 0.2 MILE SOUTH EAST FROM PLACERITA CYN. ROAD, AT WEST ENTRANCE TO MILITARY HOUSING, 25 FEET NORTH OF CENTER OF PAVEMENT, 11 FEET EAST OF EAST SIDE OF ENTRANCE ROAD, 1.2 FEET SOUTH OF A CONC. BLOCK WALL, FOUND A 3⅝ INCH L.A. COUNTY FLOOD CONTROL DISTRICT BRASS DISC STAMPED "B.M. 146-03700 1964" IN CONC. 1 INCH DEEP, BELOW ASPHALT SURFACE.

DESC OK 6-27-78 DLB



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