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

BOOK INDEX (4114)

LINE 12	Pgs. 5 thru. ~~75~~ 74	
LINE 42	Pgs. 95 thru. 150	
LINE 14	Pgs. 171 thru. 224	
	FULL (11-JUN-71)	

Notes Ck'd by	Survey of L.A.Co. Precise Level Net	F.B. 4114 PG. 5
Map No.	JN0301.02 Tape — Std — °F	
Office Work	Surveyed by RANDALL	
Checked	Notes " Date MAY-71	
Date	Indexed [redacted] J. GALLI [redacted] 4 71	

LOS ANGELES COUNTY

PRECISE LEVEL NET

LINE No. 12

J.N. 0301.02

MAY - 1971

REFERENCE	PARTY
F.B. 1202	RANDALL
1379	ANDERSON
2880	PETERSON, T.C. JR.
3709	RODRIGUES, R.J.
3711	LOVE

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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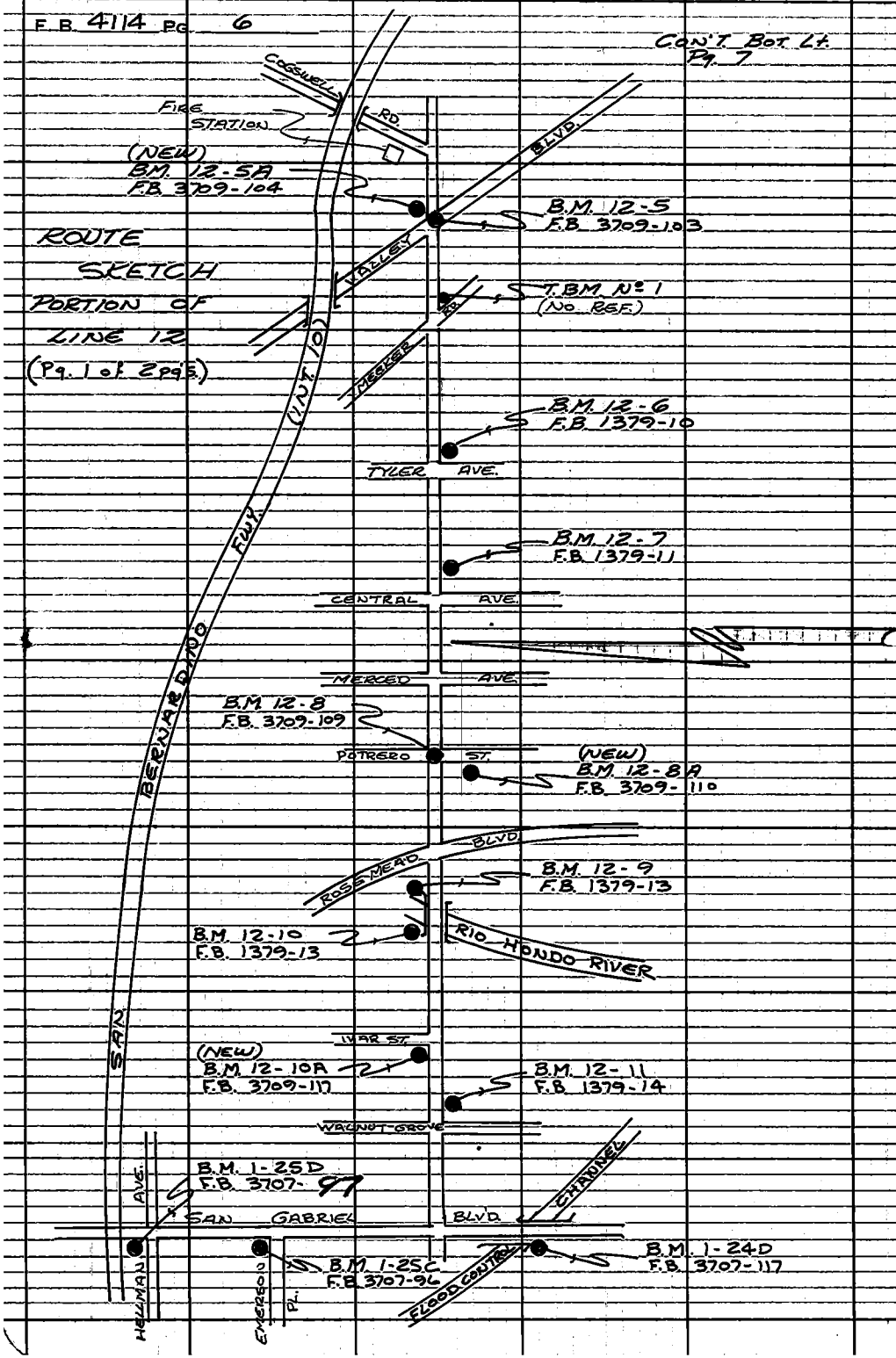
76F309S CE#310 1-65

F.B. 4114 PG. 6



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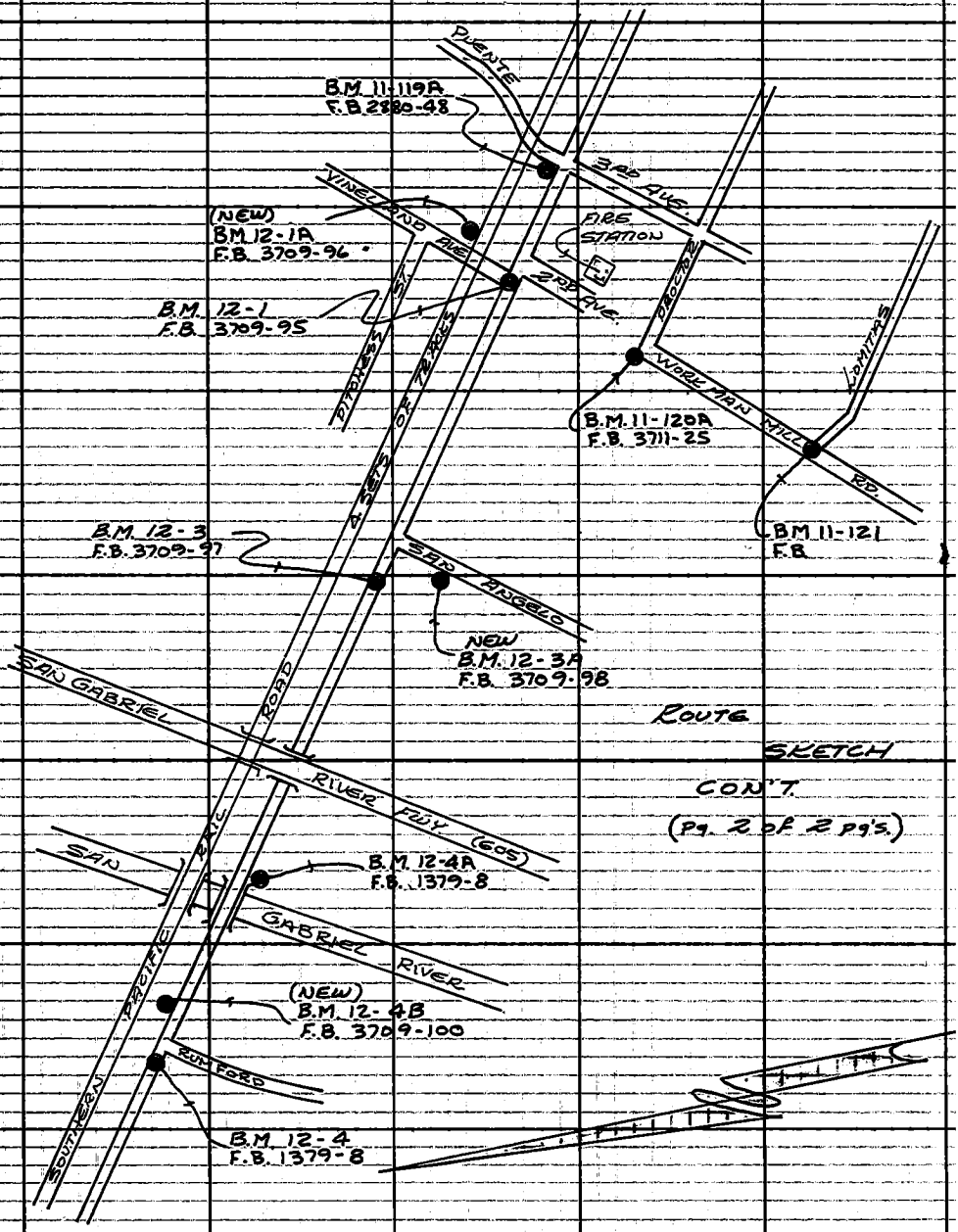
Notes Ck'd by		Survey of L.A.Co. Precise Level Net	F.B. 4114 PG. 7
Map No.		J.N. 0301.02 Tape — Std — °F.	
Office Work		Surveyed by RANDALL	
Checked		Notes " Date MAY-71	
Date		Indexed [redacted]	



ROUTE SKETCH

CON'T.

(Pg. 2 of 2 pg's.)

CONT. TOP RT. Pg. 6

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76F309S CE#310 1-65

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Randall
NOTES BY " DATE 12-May-71 WEATHER TIME 09:15 INST. NO. 75234
INDEXED S.L. GALLI DATE JUN 4 71 NOTES CHKD DATE ROD NO. 1713 A.B
T= 62°
F.B. 4114 PG. 9

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	139	400	440 5	144 134 10	126	193	427 5	156 96 60	60 M- 10 M= 50 M=0.20 mm
2	141	490	442 5	146 136 10	154	832	455 5	184 124 60	60 M- 10 M= 50 M=0.20 mm
	280	890		20	281	025			
					-	0.40 mm			
	+				-0.	mm			Curvature Corr.=0.40 mm
					280	985			
					280	890			
					-	095			

mm= "C"

.0095 mm= "C"
100 / 0.95

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY U. RANDALL
NOTES BY R. ANDERSON DATE 13-MAY-71 WEATHER CLOUDY & COOL INST. NO. 7523
TIME 08:45 ROD NO. 1713A-C
INDEXED J. GALLI DATE NOTES CHKD DATE
F.B. 4114 PG. 11

T = 62°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						T = PETERSON
		NEAR ROD				FAR ROD			
1	155	841	456	5	160 150 10	164	417	465 5	194 134 60 60 M- 10 M= 50 M=0.20 mm
2	153	039	454	5	158 148 10	144	617	445 5	174 114 60 60 M- 10 M= 50 M=0.20 mm
	308	880			20	309	034		120 - 20
	+					-0.40 mm			100 Curvature Corr.=0.40 mm
						308 994			
						308 880			
						- 0 1.14			
				mm= "C"					
	1								
						- 0.011 mm = "C"			
						100 / 1.140			
						100			
						140			

76P526B CE # 308 8/68

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

SURVEY BY Randall WEATHER overcast INST. NO 75234

NOTES BY RODRIGUEZ DATE 14 May 71 TIME 0:9:00 ROD NO 1713 HB

INDEXED B.J. GALLI DATE NOTES CHKD DATE

F.B. 4114 PG. 13

T = 70°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	151	605	452 5	156 146 10	129	705	430 5	159 99 60	60 M- 10 M= 50 M=0.20 mm
2	157	299	458 5	162 152 10	179	271	480 5	209 149 60	60 M- 10 M= 50 M=0.20 mm
	308	904		20	308	976		120	
								-20	
	+				-0.40 mm			100	Curvature Corr.=0.40 mm
					308	936			
					308	904			⊼ PETERSON
					-	032			

mm= "C"

0.0032 mm= "C"

100 / 0.320
300

76P526B CE # 308 8/68

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

SURVEY BY S. RANDALL

NOTES BY R. ANDERSON DATE 17-MAY '71 WEATHER CLEAR & CALM INST. NO. 75234

INDEXED B. J. GALLI DATE NOTES CHKD DATE TIME 08:50 ROD NO. 17039.5

F.B. 4114 PG. 15

T = 700

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								T = RODRIGUEZ
	NEAR ROD				FAR ROD				299
				181				~~298~~	239
1	176	137	477 5	171 10	269	310	570 5	~~238~~ 60	60 M- 10 M= 50 M=0.20 mm
				157				89	
2	152	911	453 5	147 10	59	651	360 5	29 60	60 M- 10 M= 50 M=0.20 mm
	329	~~048~~ 048		20	328	961		120	
	328	921						20	
	+	~~207~~			-0.40 mm			100	Curvature Corr.=0.40 mm
		1,27			328	921			
					-				

~~0.020~~ mm= "C"

100 / ~~2.070~~
~~200~~
~~70~~

+ 0.0127

100 / 1.270 0.0127
100
270

mm= "C"

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Randall WEATHER Clear INST. NO 75234
NOTES BY Rodriguez DATE 18-May-71 TIME 0:9:00 ROD NO 1713 AB
INDEXED R. J. GALLI DATE NOTES CHKD DATE
T=90 F.B. 4114 PG. 17

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	164	383	465 5	169 159 10	201	429	502 5	230 172 60	60 M- 10 M= 50 M=0.20 mm
2	153	829	454 5	158 148 10	116	671	417 5	146 86 60	60 M- 10 M= 50 M=0.20 mm
	318	212		20	318	100		120	
	318	060						-20	
	+ 0	152			-0.40mm			100	Curvature Corr.=0.40 mm
					318	060			π PETERSON
					-				

+ 0.015 mm= "C"
100 | 1.52
100
520
500

- mm= "C"

76P526B CE # 308 8/68

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

SURVEY BY Randall WEATHER T = 90°

NOTES BY Rodriguez DATE 19 May-71 TIME 0:19:15 INST. NO 75234

INDEXED C. J. GALLI DATE NOTES CHKD DATE ROD NO 1713 AB

F.B. 4114 PG. 19

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	166	589	467 5	171 161 10	203	711	504 5	173 133 60	60 M- 10 M= 50 M=0.20 mm
2	151	841	452 5	156 146 10	114	657	415 5	144 84 60	60 M- 10 M= 50 M=0.20 mm
	318	430		20	318	368		120	
	318	328						-20	
	+ 0	1.02			-0.40mm			100	Curvature Corr.=0.40 mm
					318	328			
					-				T PETERSON

+ 0.012 mm= "C"

100 / 1.02

100

2

- mm= "C"

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY Randall

NOTES BY "

INDEXED [illegible] GALLI

DATE 20-May-71

DATE

WEATHER Clear-Calm

TIME 08:50

NOTES CHKD

INST. NO. 75234

ROD NO. 1713A.B

DATE

F.B. 4114

PG. 21 22

T=70°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	146	257	447 5	151 141 10	108	279	409 5	138 78 60	60 M- 10 M= 50 M=0.20 mm
2	160	243	461 5	165 155 10	198	211	499 5	228 168 60	60 M- 10 M= 50 M=0.20 mm
	306	500		20	306	490		120	
	306	450			-	0.40 mm		20	
	+	0.50			~~-0.~~	~~mm~~		100	Curvature Corr.=0.40 mm
					306	450			
					-				

.0050 mm= "C"

100 / 0.50

mm= "C"

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 12 May 71 TIME 8:9:30 WEATHER overcast INST. NO 25234

INDEXED L. GALLI DATE NOTES CHKD. RCB DATE 6-7-71 ROD NO 1713 AB

F.B. 4114 PG. 24

T=64'

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 1-25D	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM1-25D TO BM1-25C
1.	141	880	442	5	160 122	38	171	850	472	5	152 ~~38~~	38	BM 1-25D
													San Gabriel Blvd @ Hellman
2	87	950	388	5	122 52	70	209	008	510	5	243 175	68	F.B. 3707 - 97
						108						106	⊼ Anderson
3	37	412	338	5	71 3	68	229	026	530	5	265 193	72	
						176						178	
4	113	748	414	5	126 100	26	169	420	470	5	181 157	24	
						202						202	
5	134	102	435	5	137 131	06	170	984	471	5	173 167	06	
	515	092 ✓				208	950	288 ✓				208 ✓	
							+ 515	092				208	
BM1-25C							- 435	196 ✓				416 ✓	BM 1-25C
													San Gabriel Blvd @ Emerson
													PL.
													F.B. 3707-96

194

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INST. NO 75234 ROD NO 1713 H-8 DATE 6-7-71

WEATHER Clear TIME 13:00 NOTES CHKD RCB

T=82°

F.B. 4114 Pg. 85/24 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 17-May 71

INDEXED GALL DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 1-25C	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 1-25C TO BM 1-25D
1	191	152	492	5	210 172	38	100	202	401	5	118 82	36	BM 1-25C
													SAN GABRIEL Blvd @ EMERSON PL
2	212	172	513	5	243 181	62	42	193	343	5	74 10	64	F.B 3707-96
						100						100	
3	214	570	517	5	250 182	68	88	621	389	5	120 56	64	T ANDERSON
						168						164	
4	179	228	480	5	205 153	52	132	904	433	5	160 104	56	
+	799	122 ✓					363	920 ✓				220 ✓	
-	363	920				220						220	
BM 1-25 D +	435	202 ✓										440 ✓	BM 1-25 D
													SAN GABRIEL @ HOLLMAN
													F.B 3707-97

76P526 CE # 308 3-65

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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 BM1-25C TO B.M.1-24D
1	131	062	432	5	153 109	44	182	278	483	5	203 161	42	BM 1-25C
													San Gabriel Blvd @ Emerson
2	82	703	383	5	117 47	70	186	532	487	5	220 152	68	PL
						114						110	F.B
3	101	578	402	5	133 69	64	175	780	476	5	209 141	68	π Anderson
						178						178	
4	164	954	465	5	184 144	40	144	885	445	5	164 124	40	
						218						218	
5	159	737	460	5	170 148	22	145	447	446	5	156 134	22	
	+640	034	✓		✓	240	834	922	✓			240	✓
							+640	034				240	
							194	888	✓			480	✓ B.M. 1-24D
													BM 055 01 255 (L.A.Co. Flood Cont. 1967) S.W. Cor Bridge.
													F.B. 3707-117

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 12 May 71

INDEXED [illegible] DATE

WEATHER Overcast

TIME 0:9:55

NOTES CHKD RCR

INST. NO. 75234

ROD NO. 1713 AB

DATE 6-7-71

T-64

F.B. 4114 PG. 25

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM									FROM BM 1-24D TO BM 1-25C
1	117	132	418 5	1/2) 134 117 34	166	199	467 5	183 149 34	BM 1-24D. (Flood Control)
									S.W. Cor. of Bridge.
2	148	792	449 5	177 119 58	119	858	420 5	148 90 58	F.B. 3707-117
				92				92	
3	183	562	484 5	214 152 62	103	803	404 5	132 74 58	⊼ ANDERSON
				154				150	
4	178	604	479 5	211 145 66	72	090	373 5	106 38 68	
				220				218	
5	172	~~680~~ 617	473 5	189 155 34	123	358	424 5	142 104 38	
				254				256	
6	141	293	442 5	158 124 34	161	430	462 5	177 145 32	
+	942	000 ✓		288	746	738 ✓		288 ✓	
-	746	738						288 ✓	
BM 1-25C +	195	262 ✓						576	BM 1-25C
									SAN GABRIEL BLVD @ EMERSON PL
									F.B

F.B. 4114 PG. 27 26 JOB NO. 030102

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 17-May-71

INDEXED C.L. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 0:11:10 ROD NO. 1713 HB

NOTES CHKD RCB DATE 6-7-71

T = 80°

F.B. 4114 PG. 27

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

SURVEY BY Randall WEATHER INST. NO.

NOTES BY DATE TIME ROD NO.

INDEXED G. J. GALLI DATE NOTES CHKD RCG DATE 6-7-71

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
									See next pg. for RERUN

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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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M.1-24D TO BM 1-25C
1	113	228	414	5	1/2) 129 113	32	153	378	454	5	168 138	30	B.M.1-24D (Flood Control)
													S.W. Cor. Bridge
2	141	527	442	5	170 112	58	123	796	424	5	4 ~~153~~ ~~94~~	60	F.B. 3707-117
						90					153 93	90	
3	187	908	488	5	219 155	64	101	720	402	5	133 69	64	⊼ ANDERSON (RERUN)
						154						154	
4	182	827	483	5	215 149	66	81 ~~84~~	938	382 ~~388~~	5	113 49	64	
						220						218	
5	166	923	467	5	177 153	26	151	371	452	5	165 137	28	
						246						246	
6	156	682	457	5	169 143	26	142	020	443	5	157 128	38	
+	949	095 ✓				272	754	223 ✓				274	BM 1-25C
BM1-25C -	754	223										272	SAN GABRIEL BNd @ EMERSON PL
+	194	872 ✓										546	F.B.

F.B. 4114 PG. 28 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES RODRIGUEZ 18-May-71

INDEXED G. J. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 0:10:50 ROD NO. 1713 HC

NOTES CHKD RCB DATE 6-7-71

T = 84°

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 1-24D TO BM 12-11
1.	116	529	417	5	130 / 102	28	150	078	451	5	164 / 136	28	BM 1-24D (Flood Control)
													S.W. Cor. of Bridge
2.	93	082	394	5	106 / 80	26	172	252	473	5	186 / 158	28	F.B. 3707-117
						54		573				56	
3	83	500	384	5	121 / 45	76	201	~~573~~	502	5	234 / 168	66	
						130						122	⊼ Anderson
4	131	465	432	5	165 / 97	68	162	433	463	5	199 / 125	79	
						198						196	
5	112	650	413	5	151 / 73	78	168	790	469	5	207 / 129	78	
						276						274	
6	110	328	411	5	145 / 75	70	163	582	464	5	198 / 128	70	
						346						344	
7	96	663	397	5	134 / 58	76	207	771	508	5	246 / 168	78	
						422						422	
8	147	272	448	5	157 / 137	20	174	822	475	5	183 / 165	18	
	+ 891	489	✓			442	-1401	323	✓			440	✓
BM 12-11							+ 891	489				442	BM 12-11
							509	834	✓			882	Garvey @ Walnut Grove Av
													F.B. 1379-14

281

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 12 May 71

INDEXED [illegible] DATE

WEATHER Overcast

TIME 10:40

NOTES CHKD RCB

INST. NO. 75234

ROD NO. 1713 HB

DATE 6-7-71

T=64

F.B. 4114 PG. 29 30

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 12-11	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 12-11 TO B.M. 1-24D
1	208	587	509	5	245 171	74	92	790	393	5	129 55	74	BM 12-11
													Garvey @ Walnut Grove Av
2	164	670	465	5	195 133	62	101	412	402	5	132 70	62	F.B 1379-14
						136						136	
3	160	664	461	5	189 131	58	123	439	424	5	153 93	60	⊼ Anderson
						194						196	
4	160	592	461	5	193 127	66	114	305	415	5	147 81	66	
						260						262	
5	163	078	464	5	197 129	68	112	600	413	5	145 79	66	
						328						328	
6	191	332	492	5	226 156	70	76	797	377	5	113 39	74	
						398						402	
7	183	150	484	5	197 169	28	122	698	423	5	134 110	24	
						426						426	
8	~~165~~	~~141~~	~~466~~	~~5~~	~~178~~ ~~152~~		115	410 ~~368~~	416	5	1/2) 133 115	36	
	137	275	438	5	155 119	36						462 ✓	
+	1369	348 ✓				462	859	451 ✓				462	
B.M. 1- -	859	451										924 ✓	
+	509	897 ✓											

BM 1-24D (Flood Control)
S.W. Cor. of Bridge
F.B. 3707-117

F.B. 4114 PG. 30 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES RODRIGUEZ 17-May-71

INDEXED G.J. DATE

WEATHER Clear INST. NO. 75234

TIME 0:10:10 ROD NO. 1713 A-B

NOTES CHKD RCB DATE 6-7-71

7=78

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY Randall NOTES BY Anderson DATE 12 MAY 71 WEATHER Overcast INST. NO 75234

INDEXED P. J. GALLI DATE NOTES CHKD Rodd DATE 6-7-71 TIME 11:30 ROD NO 173HB

F.B. 4114 PG. 31 32

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 12-11													From BM 12-11 To BM 12-10A
1	159	816	460	5	180 138	42	197	478	498	5	219 175	44	BM 12-11
					112						266		GARVEY @ WALNUT GROVE AV.
2	72	322	323	5	32	80	226	590	527	5	186	80	F.B 1379-14
					164	122					244	124	
3	127	860	428	5	90	74	207	723	508	5	170	74	
					196	196					222	198	
4	158	151	459	5	120	76	184	940	485	5	146	76	π = RODRIGUEZ
					194	272					194	274	
5	174	222	475	5	154	40	176	182	477	5	158	36	
	+692	365	✓		✓	312	-992	913	✓			310	✓
							-692	365				312	
B.M. 12-10A							-300	548	✓		✓	622	B.M. 12-10 A
													GARVEY AVE. & IVAR AVE. N.W. Cor.
													F.B. 3709-117

236

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

T = 79°

F.B. 4114 PG. 33/32 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE 17 MAY 71

INDEXED J.L. DATE

WEATHER CLEAR & CALM INST. NO. 75234

TIME 09:40 ROD NO. 1713 R-8

NOTES CHKD RCB DATE 6-7-71

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 12-10A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 12-10A TO B.M. 12-11
1	166	548	467	5	196 136	60	145	350	496	5	175 115	60	B.M. 12-10A
					228						153		GARVEY AVE. & IVAR AVE. N.W.Co
2	198	472	499	5	168	60	123	729	424	5	93	60	F.B. 3709-117
					238	120					142	120	
3	203	702	504	5	168	70	107	861	408	5	72	70	
					294	190					174	190	T = RODRIGUEZ
4	246	357	547	5	208	76	137	303	438	5	100	74	
	+ 815	079 ✓				266	514	243 ✓				264 ✓	
B.M. 12-11	- 514	243										266	B.M. 12-11
	+ 300	836 ✓										530 ✓	GARVEY AVE. & WALNUT GROVE
													F.B. 1379-14

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 18 - MAY 71 TIME 10:00 WEATHER CLEAR & CALM INST. NO. 75234

INDEXED R. J. GALL DATE NOTES CHKD RCB DATE 6-7-71 ROD NO. 1713 #8

T = 84°

F.B. 4114 PG. 34 33

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 12-11 TO B.M. 12-10 A
B.M. 12-11													
1	130	830	431	5	~~156~~ ~~104~~	52	211	958	512	5	~~238~~ 184	54	B.M. 12-11
					149				(247) (179)		~~146~~		GARVEY AVE. & WALNUT GROVE
2	114	040	415	5	29	70	212	292	513	5	~~180~~	66	F.B. 1379-14
					159	122					223	120	
3	122	802	423	5	85	74	187	999	488	5	151	72	T = RODRIGUEZ
					176	196					234	192	RERUN
4	140	314	441	5	104	72	196	498	497	5	158	76	
+	507	986	✓		✓	268	808	747	✓			268	✓
B.M. 12-10A							507	986				268	B.12-10 A
							300	761	✓		✓	536	GARVEY AVE. & IVAR AVE. N.W.C.
													F.B. 3709-117

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 12-10A									FROM B.M. 12-10A TO B.M. 12-11
1	183	040	484 5	210 156 54	139	190	440 5	166 112 54	B.M. 12-10 A
				202				151	GARVEY AVE. & IVAR AVE. N.W. COR
2	171	041	472 5	140 62	121	799	422 5	91 60	F.B. 3709-117
				242 116				138 114	
3	204	270	505 5	166 76	100	038	401 5	62 76	RERUN
				275 192				172 190	
4	236	980	537 5	197 78	133	440	434 5	~~94~~ 78	94
+	795	331 ✓		270	494	467 ✓		268 ✓	T = RODRIGUEZ
B.M. 12-11 -	494	467						270	B.M. 12-11
+	300	864 ✓						538	GARVEY AVE. & WALNUT GROVE
									F.B. 1379-14

T = 78°

F.B. 4114 PG. 35 34 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE: 18-MAY '71

INDEXED G. J. GALLI DATE

WEATHER CLEARS INST. NO. 7523

TIME 09:30 ROD NO. 1713A

NOTES CHKD. RCB DATE 6-7-71

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 12-10A									FROM B.M. 12-10A TO B.M. 12-10
1	156	282	457 5	172 140 32	169	361	470 5	190 148 42	B.M. 12-10A
				158				217	GARVEY AVE. & IVAR N.W. COR.
2	122	459	423 5	86 72	185	174	486 5	153 64	F.B. 3709-117
	135			171 104	186	661	487 5	~~212~~ 106	221
3	~~134~~	130	436 5	99 72	~~182~~	~~168~~	~~483 5~~	~~152~~ ~~60~~	151
				168 176				175 70	π = RODRIGUEZ
4	130	610	431 5	92 76	137	928	438 5	99 176 76	
				248 252				46 252	
5	226	871	527 5	204 44	24	202	325 5	24 ½ 44	
				142 296				142 296	
6	137	699	438 5	132 10	137	858	438 5	132 10	
	+909	051	✓	306	-841	184	✓	306	✓
B.M. 12-10	-841	184						306	B.M. 12-10
	+ 67	867						612	GARVEY AVE. & RIO HONDO BRIDGE N.W. COR.
									F.B. 1379-13

T ~ 70°

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 12 - MAY '71

INDEXED [illegible] DATE

WEATHER CLOUDY & CALM INST. NO. 25234

TIME 11:45 ROD NO. 1713A

NOTES CHKD RCG DATE 6-7-71

F.B. 4114 PG. 34 35

234

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 12-10									FROM B.M. 12-10 TO B.M. 12-10A
1	2 ~~13~~ 12	410	313 5	42 12 (1/2) 60	253	953	554 5	283 223 60	B.M. 12-10
				213				164	GARVEY AVE. & RIO HONDO RIVER
2	181	270	482 5	149 64	130	013	431 5	96 68	BRIDGE - N.W. COR.
	179			211 124				161 128	F.B. 1379-13
3	~~181~~	920	480 5	147 64	131	853	432 5	101 60	
				218 188				160 188	π = RODRIGUEZ
4	183	399	484 5	148 70	125	852	426 5	90 70	
				189 258				158 258	
5	171	401	472 5	153 36	140	332	441 5	122 36	
				158 294				172 294	
6	156	338	457 5	154 4	170	361	471 5	168 4	
	+884	738 ✓		~298	-952	364 ✓		298 ✓	
B.M. 12-10A					+884	738		298	B.M. 12-10A
					-67	626 ✓		~596	GARVEY AVE. & IVAR AVE. N.W. COR.
									F.B. 3709-117

F.B. 4114 PG. 39 36 JOB NO. 0301.02 T = 70°

SURVEY OF L.A. CO. PRECISE LEVEL NET WEATHER CLEAR & CALM INST. NO. 75234

SURVEY BY RANDALE NOTES ANDERSON DATE: 17 MAY '71 TIME 09:10 ROD NO. 1713 A.B.

INDEXED C.J. GAN DATE NOTES CHKD RCB DATE 6-7-71

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

F.B. 4114 PG. ~~38~~ 37

SURVEY BY J. RANDALL WEATHER _____ INST. NO. 75235

NOTES BY R. ANDERSON DATE _____ TIME _____ ROD NO. 1713A6

INDEXED E. L. GALLI DATE _____ NOTES CHKD RCB DATE 6-7-71

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
									See Next Pg For RERUN 12-10 to 12-10A

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

Do not extend notes this side of this line.

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 12-10									FROM B.M. 12-10 TO B.M. 12-10A
1	52	232	353 5	75 29 46	282	082	583 5	282 259½ 46	B.M. 12-10
				183				174	GARVEY AVE. & RIO HONDO RIVER
2	153	308	454 5	123 60	143	831	444 5	112 62	BRIDGE - N.W. COR.
				219 106				159 108	F.B. 1379-13
3	190	970	491 5	161 (58) 58	129	122	430 5	99 60	
				219 164				160 168	
4	183	040	484 5	147 72	125	610	426 5	90 70	⊼ = RODRIGUEZ
				210 236				160 238	RERUN
5	181	630	482 5	152 58	129	862	430 5	98 62	
				156 294				171 300	
6	151	082	452 5	146 10	169	609	470 5	167 4	
	+ 912	262 ✓		304	980	116 ✓		304 ✓	
B.M. 12-10A					+ 912	262		304	B.M. 12-10A
					- 67	854 ✓		608	GARVEY AVE. & IVAR AVE.
									F.B. 3709-117 N.W. COR.

T = 74°

F.B. 4114 PG. 30

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE: 18-MAY 171

INDEXED G. J. GALLI DATE

WEATHER CLEAR & CALM INST. NO. 752

TIME 08:30 ROD NO. 1713

NOTES CHKD RCB DATE 6-7-

76P526B CE # 308 8-63

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 12-10									FROM B.M. 12-10 TO B.M. 12-9
1	222	763	523 5	250 194 56	154	568	455 5	102 126 56	B.M. 12-10
				132				261	GARVEY AVE, & RIO HONDO RIVER
2	108	462	409 5	84 48	241	890	542 5	218 46	BRIDGE - N.W. COR.
	~~321~~	~~225~~		104	396	458		102	T = RODRIGUEZ
	331	225			~~321~~	~~225~~		104	
B.M. 12-9					~~75~~	~~233~~		206	B.M. 12-9
									GARVEY AVE & RIO HONDO RIVER
					396	458			BRIDGE N.E. COR. F.B. 1379-13
					331	225			
					65	233			

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 17-MAY '71

INDEXED G. J. GALLI DATE

WEATHER CLEARE WINDY TIME 14:45

NOTES CHKD RCB DATE 6-7-71

INST. NO. 75234

ROD NO. 17138 B

F.B. 4114 PG. 39 ~~40~~

T = 880

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 12-9 TO B.M. 12-10
B.M. 12-9													
1	243	020	544	5	266 220	46	109	579	410	5	132 86	46	B.M. 12-9
					182						250		GARVEY AVE. & RIO HONDO RIVER
2	153	801	454	5	124	58	222	020	523	5	194	56	BRIDGE - N.E. COR. F.B. 1379-13
	396	821 ✓				104	331	599 ✓				102	
	331	599										104	T = RODRIGUEZ
	+ 65	222 ✓										206	
B.M. 12-10													B.M. 12-10
													GARFIELD AVE. & RIO HONDO
													RIVER BR. N.W. COR. F.B. 1379-13

T = 8.00

F.B. 4114 PG. 40

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE: 17-MAY '71

INDEXED J. GAHL DATE

WEATHER CLEAR & WINDY INST. NO. 7523

TIME 15:10 ROD NO. 17:13 [illegible]

NOTES CHKD RCB DATE 6-7-71

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

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

SURVEY BY J. RANDALL NOTES BY R. ANDERSON DATE 12-MAY 1971 TIME 13:40 WEATHER CLOUDY & COOL INST. NO. 75234 ROD NO. 17,3,46

INDEXED J. GALLI DATE NOTES CHKD. DATE 6-7-71

T = 78°

F.B. 4114 PG. 42-41

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		STADIA		DESCRIPTION AND REMARKS
B.M. 12-9													FROM B.M. 12-9 TO B.M. 12-8
1	108	230	409	5	96	24	207	680	508	5	197	20	B.M. 12-9
					66						169		GARVEY AVE. & RIO HONDO BR. N.E.COR.
2	33	958	334	5	0	66	134	079	435	5	99	70	F.B. 1379-13
					211	90					162	90	
3	178	965	479	5	145	66	130	461	431	5	98	64	
					212	156					171	154	T = RODRIGUEZ
4	175	359	476	5	138	74	134	822	435	5	97	74	
					214	230					166	228	
5	179	169	480	5	144	70	130	372	431	5	95	70	
		970			209	300					165	298	
6	174	970	475	5	139	70	129	310	430	5	93	72	
					218	370					167	370	
7	183	560	484	5	148	70	132	351	433	5	97	70	
					218	440					162	440	
8	183	368	484	5	148	70	126	512	427	5	90	72	
					178	510					145	512	
9	164	410	465	5	150	28	127	510	428	5	109	36	
					185	538					216	548	
10	174	991	475	5	163	22	209	028	510	5	202	14	
	+ 1556	980	✓		✓	560	1462	125	✓			562	✓
B.M. 12-8	- 1462	125										560	B.M. 12-8
	+ 94	855	✓								✓	1122	GARVEY AVE. & POTRERO AVE.
													F.B. 3709-109 (L IN STREET)

315

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 12-8									FROM B.M. 12-8 TO B.M. 12-9
				198				191	
1	181	799	482 5	164 34	175	252	476 5	159 32	B.M. 12-8
				159				214	GARVEY AVE. & POTRERO AVE.
2	126	940	427 5	93 66	181	060	482 5	148 66	F.B. 3709-109 (IN STREET
				164 100				206 98	
3	133	840	434 5	102 62	176	008	477 5	146 60	
				154 162				207 158	
4	124	990	425 5	94 60	175	270	476 5	143 64	
				168 222				200 222	T = RODRIGUEZ
5	138	651	439 5	108 60	170	190	471 5	140 60	
				161 282				198 282	
6	134	010	435 5	107 54	171	108	473 5	144 54	
				174 336				216 336	
7	141	222	442 5	108 66	184	479	485 5	152 64	
				168 402				186 400	
8	134	662	435 5	100 68	153	108	454 5	120 66	
				142 470				75 466	
9	113	791	414 5	84 58	44	520	345 5	13 62	
				209 528				102 528	
10	193	451	494 5	177 32	87	489	388 5	72 30	
	+1423	356 ✓		560	1518	484 ✓		558 ✓	
B.M. 12-9					+1423	356		560	B.M. 12-9
					95	128 ✓		1118	GARVEY AVE. & RIO HONDO AVER BR.
									F.B. 1379-13 N.E. COR

T = 740

F.B. 4114 PG. 42 JOB NO. 0301.02

SURVEY OF L.A.Co PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE: 14-MAY '71

INDEXED G.J. GALLI DATE

WEATHER CLEAR & CALM INST. NO. 7523

TIME 13:46 ROD NO. 1713 AND

NOTES CHKD RCB DATE 6-7-71

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

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

SURVEY BY J. RANDALL NOTES BY R. ANDERSON DATE 12-MAY '71 TIME 14:46 WEATHER CLEAR & CALM INST. NO. 75234 ROD NO. 1713A4

INDEXED B.J. GALL DATE NOTES CHKD RCB DATE 6-7-71

T = 80°

F.B. 4114 PG. 44

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 12-8													FROM B.M. 12-8 TO B.M. 12-8A
													B.M. 12-8
					202						197		GARVEY AVE. & POTRERO
1	194	906	495	5	186	16	189	040	490	5	181	16	F.B. 3709-109
												16	T = RODRIGUEZ
B.M. 12-8A												32	B.M. 12-8A
	+	194	900 ✓				+	189	040 ✓				GARVEY AVE. & POTRERO AVE.
	-	189	040										F.B. 3709-110 S.W. COR.
	+	5	860 ✓										

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Do not extend notes this side of this line.

INST. NO. 2523 ROD NO. 1713 DATE 6-7-71

WEATHER CLEAR & COOL TIME 13:40 NOTES CHKD. RCB

T = 790

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 12-8A TO B.M. 12-8
B.M. 12-8A									B.M. 12-8A
									GARVEY AVE. & POTRERO S.W. COR
				192				198	F.B. 3709-110
1	185	940	486 5	178 14	191	818	492 5	184 14	T = RODRIGUEZ
								14	
B.M. 12-8								28	B.M. 12-8
+	185	940 ✓			- 191	818 ✓			GARVEY & POTRERO (IN STREET)
					+ 185	940			F.B. 3709-109
					- 5	878 ✓			

F.B. 4114 PG. 45 44 JOB NO. 830102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE: 14-MAY '71

INDEXED G. J. BALL DATE

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 12 May 71

INDEXED B. J. GALLI DATE

WEATHER Part-Clear INST. NO. 25239

TIME 14:45 ROD NO. 1713 AB

NOTES CHKD RCB DATE 6-7-71

F.B. 4114 PG. 4 45

T = 80°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM12-8A													FROM BM12-8A TO BM12-7
1	195	238	496	5	211 / 179	32	121	622	422	5	137 / 105	32	BM 12-8A
													GARVEY @ POTRERO S.W. COR
2	167	108	468	5	204 / 130	74	122	132	423	5	159 / 85	74	of POTRERO
						106						106	
3	191	272	492	5	228 / 154	74	87	298	388	5	124 / 50	74	⊼ ANDERSON
						180						180	
4	174	565	475	5	209 / 139	70	101	605	402	5	136 / 66	70	
						250						250	
5	176	652	477	5	207 / 145	62	110	518	411	5	141 / 79	62	
						312						312	
6	166	826	467	5	195 / 137	58	112	302	413	5	141 / 83	58	
						370						370	
7	155	882	456	5	171 / 139	32	120	973	421	5	136 / 104	32	
						402						402	
8	136	051	437	5	154 / 118	36	208	282 / ~~282~~	509	5	226 / 190	36	
+	1363	594	✓		↘	438	984	732	✓			438	✓
-	984	732										438	
BM12-7 +	378	862	✓								↘	876	BM 12-7
													GARVEY @ CENTRAL
													F.B. 1379-11

281

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 12-7													FROM BM 12-7 TO BM 12-8A
1	205	745	506	5	241 / 169	72	173	082	474	5	209 / 137	72	BM 12-7
													Garvey @ Central
2	105	178	406	5	139 / 71	68	170	243	471	5	203 / 137	66	F.B 1379-11
						140						138	
3	103	470	404	5	138 / 68	70	175	180	476	5	210 / 140	70	⊼ Anderson
						210						208	
4	99	107	400	5	136 / 62	74	179	203	480	5	215 / 143	72	
						284						280	
5	101	904	402	5	115 / 87	28	162	452	463	5	177 / 147	30	
						312						310	
6	117	820	418	5	146 / 88	58	149	142	450	5	177 / 121	56	
						370						366	
7	124	445	425	5	154 / 94	60	179	052	480	5	211 / 147	64	
						430						430	
8	103	061	404	5	127 / 79	48	151	320	452	5	176 / 126	50	
+	960	730 ✓				478	1339	674 ✓				480 ✓	
							960	730				478	
BM 12-8A							378	944 ✓				958	BM 12-8A
													Garvey @ Potrero
													F.B. 1379-11

T=62

WEATHER Overcast INST. NO. 75234

TIME 0:11:30 ROD NO. 173AB

NOTES CHKD RCB DATE 6-7-71

F.B. 4114 PG. 47/46 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 14 May 71

INDEXED C. J. GANT DATE

76P526B CE # 308 8-68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 12-7				195				183	FROM B.M. 12-7 TO B.M. 12-6
1	172	929	473 5	149 46	161	297	462 5	139 44	B.M. 12-7
				191				171	GARVEY AVE. & CENTRAL AVE
2	156	813	457 5	121 70	135	069	436 5	99 72	F.B. 1379-11
				205 116				167 116	
3	170	151	471 5	135 70	131	551	432 5	95 72	T = PETERSON
				208 186				171 188	
4	172	959	473 5	136 72	135	159	436 5	99 72	
				181 258				219 260	
5	144	301	445 5	107 74	183	497	484 5	148 70	
				209 332				180 330	
6	173	767	474 5	137 72	143	015	444 5	106 74	
				212 404				162 404	
7	176	591	477 5	140 72	126	667	427 5	90 72	
				164 476				194 476	
8	160	085	461 5	156 8	190	463	491 5	186 8	
	+1327	596 ✓		484	1206	718 ✓		484 ✓	
B.M. 12-6	-1206	718						484	B.M. 12-6
	+120	878 ✓						968	GARVEY AVE. & TYLER AVE.
									F.B. 1379-10 S.W. COR.

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

SURVEY BY J. RANDALL WEATHER CLOUDY & CALM INST. NO. 75234

NOTES BY R. ANDERSON DATE 13-MAY '71 TIME 09:25 ROD NO. 1713 A.R.

INDEXED [illegible] GALL DATE NOTES CHKD RCB DATE 6-7-71

T = 62°

F.B. 4114 PG. 47

295

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM12-6 TO BM12-7
BM12-6													
1	175	599	476	5	209 / 141	68	177	919	478	5	210 / 144	66	BM12-6
													Garvey AV & Tyler AV
2	135	279	436	5	169 / 101	68	170	815	471	5	205 / 135	70	F.B. 1379-10
						136						136	
3	167	239	468	5	203 / 131	72	152	215	453	5	187 / 117	70	Π Peterson
						208						206	
4	161	869	462	5	198 / 124	74	174	245	475	5	212 / 136	76	
						282						282	
5	142	179 ~~121~~	443	5	176 / 108	68	186	459	487	5	222 / 150	72	
						350						350	
6	131	421	432	5	164 / 98	66	165	799	466	5	200 / 130	70	
						416						424	
7.	162	721	463	5	196 / 128	68	135	199	436	5	165 / 105	60	
						484						484	
8.	183	105	484	5	199 / 167	32	217	811	518	5	234 / 200	34	
	+1259	412	✓			516	1380	462	✓			518 ✓	
							+1259	412				516	
BM 12-7							+121	050	✓			1034	BM 12-7
													Garvey @ Central
													F.B 1379-11

F.B. 4114 PG. 48 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 14 May 71

INDEXED G. L. GAND DATE

WEATHER Overcast INST. NO. 75239

TIME 0:10:20 ROD NO. 1718 [illegible]

NOTES CHKD. RCB DATE 6-7-71

T=60

76P526B CE # 308 8/68

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 13-MAY '71

INDEXED J. GALLI DATE

WEATHER CLEAR & CALM

TIME 10:40

NOTES CHKD RCB DATE 6-7-71

INST. NO. 75234

ROD NO. 1713 A/6

F.B. 4114 PG. 50 49

T = 66°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 12-6									FROM B.M. 12-6 TO T.B.M. [redacted]
1	223	523	524 5	258 188 70	136	129	437 5	170 102 68	B.M. 12-6
				212				171	GARVEY AVE. & TYLER
2	179	515	480 5	146 66	138	549	439 5	105 66	F.B. 1379-10
				209 136				164 134	
3	176	481	477 5	143 66	131	269	432 5	98 66	
				228 202				140 200	
4	196	561	497 5	164 64	105	713	406 5	70 70	145
				231 266	116	697	417 5	~~145~~ 270	87
5	199	207	500 5	167 64	~~114~~	~~265~~	~~415~~ ~~5~~	~~83~~ ~~62~~	58 T = PETERSON
				215 330	124	451	425 5	~~162~~ ~~88~~ 58	162
6	180	603	481 5	145 70	~~117~~	~~731~~	~~418~~ ~~5~~	328	86
		285		188 400				169 ~~74~~	76
7	168	~~27~~	469 5	148 40	149	981	450 5	129 404	
	+ 1324	175 ✓		440	-902	771 ✓		40	
T.B.M. No. 1	-902	771						444	T.B.M. No. 1
	+ 421	404 ✓						440	AT MEEKER AVE.
								884	

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INST. NO. 7323 ROD NO. 713 DATE 6-7-71

WEATHER OVERCAST TIME 0:9:10 NOTES CHKD RCB

T = 60°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
T.B.M. #1 [redacted]													FROM T.B.M. 1 [redacted] TO B.M. 12-6
1	133	059	434	5	176 96	74	169	599	470	5	203 135	68	T.B.M. 1 [redacted] #1
													~~GARVEY AVE. & VALLEY BLVD.~~
2	4 129	089 ~~057~~	5 428	5	159 89	70	201	017	502	5	239 163	76	~~F.B. 3709-104~~
						144						144	AT MEEKER AVE.
3	107	695	408	5	142 72	70	204	379	505	5	239 169	70	
						214						214	X PETERSON
4	114	429	415	5	148 80	68	179	595	480	5	212 146	66	
						282						280	
5	133	625	434	5	168 98	70	200	689	501	5	234 166	68	
						352						348	
6	157	193	458	5	193 121	72	200 ~~800~~	483	501	5	235 165	70	
						424						418	
7	163	771	464	5	181 145	36	199	583	500	5	217 181	36	
	+ 933	861 ✓				460	1355	345 ✓				454 ✓	
							- 933	861				460 ✓	
BM 1379-10							= 421	484 ✓				914 ✓	BM 12-6
													GARVEY @ TYLER AV.
													F.B. 1379-10

F.B. 4114 PG. 50 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES RODRIGUEZ

INDEXED S. J. GALLI DATE

76P526B CE # 308 8-68

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

SURVEY BY Rodriguez Randall DATE 13 May 71 WEATHER Hazy INST. NO. 75239

NOTES BY [illegible] TIME 13:00 ROD NO. 17348

INDEXED DATE NOTES CHKD RCB DATE 6-7-71

T = 80°

F.B. 4114 PG. 51 52

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
T.B.M. No. 1	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM T.B.M. No. 1 TO B.M. 12-5A
1	192	159	493	5	223 161 62	128	963	429	5	159 97 62	T.B.M. No. 1
											AT MEEKER AVE.
2	175	999	476	5	205 145 60	135	891	436	5	165 105 60	
										122	
3	190	151	491	5	222 158 64	127	929	428	5	159 95 64	T PETERSON
					186					186	
4	187	205	488	5	220 154 66	148	935	449	5	179 117 62	
					252					248	
5	189	125	490	5	220 158 62	144	027	445	5	176 112 64	
					314					312	
6	178	509	479	5	198 158 40	177	001	478	5	197 157 40	
	+ 1113	148	✓		354	- 862	746	✓		352	✓
	- 862	746								354	✓
BM 12-5A	+ 250	402	✓							706	BM 12-5A
											Garvey @ Valley N.E. COR
											F.B. 3709-104

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F.B. 4114 PG. ~~53~~ 52 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 13 May 71

INDEXED G.J. GALLI DATE

WEATHER Hazy INST. NO. 7523

TIME 13:50 ROD NO. 1713BA

NOTES CHKD. RCB DATE 6-7-71

T=80°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 12-5A	23	3											FROM BM 12-5A TO T.B.M #1
1	171	229	472	5	191 151	40	172	645	473	5	192 152	40	BM 12-5A
													Garvey @ Valley N.E. COR
2	145	929	446	5	168 122	46	168	183	469	5	192 144	48	FB 3709-104
						86						88	
3	139	677	440	5	168 110	58	183	125 ~~15~~	484	5	215 151	64	
						144						152	⊼ PETERSON
4	120	721	421	5	149 91	58	173	051	474	5	203 143	60	
						202						212	
5	125	751	426	5	150 100	50	166	921	467	5	188 144	44	
						252						256	
6	132	653	433	5	163 101	62	175	157	476	5	204 146	58	
						314						314	
7	141	099	442	5	158 124	34				~~5~~		34	
						348	167	419	468	5	184 150	348	
8	152	667	453	5	159 145	14	173	627	474	5	182 164	16	
+	1129	726	✓			362	1380	128	✓			364	✓
T.B.M. No 1						+	1129	726				362	
						−	250	402	✓			726	TBM #1 GARVEY @ Meeker AV

76P526B CE # 308 8/68

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
12-5A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM 12-5A TO 12-5
													12-5A
													GARVEY AT VALLEY N'LY COR
													F.B. 3709-104
1	149	948	450	5	164 134	30	172	158	473	5	187 157	30	⊼ ANDERSON
12-5													12-5
+	149	948					172	158					VALLEY AT GARVEY - INTERSECTION
							149	948				30	F.B. 3709-103
							22	210 ✓				30	
												60 ✓	

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

SURVEY BY RANDALL WEATHER T=88

NOTES BY T.C. PETERSON DATE 18 MAY 71 TIME 13:05 INST. NO. 75234

INDEXED G.J. GALLI DATE NOTES CHKD RCB ROD NO. 1713 A-1 DATE 6-7-71

F.B. 4114 PG. 54 53

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM 12-5	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 12-5 TO BM 12-5A
1	173	820	474 5	188 158 30	151	628	452 5	166 136 30	BM 12-5
								30	VALLEY BLVD AT GARVEY-INTERSECTION
								60	F.B. 3709-103
+	173	820			151	628			
BM 12-5A -	151	628							BM 12-5A
+	22	192	✓						VALLEY BLVD AT GARVEY N'LY COR
									F.B. 3709-104
									⊼ ANDERSON

F.B. 4114 PG. ~~55~~ 54 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY RANDALL NOTES T.C.P. DATE: 5-20-71

INDEXED C.J. GABU DATE

T= 74

WEATHER Clear Calm INST. NO. 75234

TIME 11:45 ROD NO. 1713A-B

NOTES CHKD RCB DATE 6-7-71

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY RANDALL

NOTES BY T.C. PETERSON DATE 18 MAY 71

INDEXED L.L. GALLI DATE

WEATHER CLR. LT. BRZ INST. NO 75234

TIME 13:15 ROD NO 1713 A

NOTES CHKD RCB DATE 6-7-71

F.B. 4114 PG. 56 SS

T=88

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
12-5									FROM 12-5 TO 12-4
1	185	648	486 5	205 165 40	136	188	437 5	156 116 40	12-5
									VALLEY AT GARVEY, INTERSECTION
2	132	305	433 5	158 106 52	143	357	444 5	170 116 54	FB 3709-103
				92				94	
3	162	323	463 5	196 128 68	135	610	436 5	170 100 70	⊼ ANDERSON
				160				164	
4	149	282	450 5	184 114 70	135	599	436 5	170 100 ~~70~~ (70)	
				230				234	
5	168	208	469 5	205 131 74	127	434	428 5	162 92 70	
				304				304	
6	170	342	471 5	202 138 64	129	528	430 5	164 94 70	
				368				374	
7	62	329	363 5	84 40 44	163	590	464 5	183 143 40	
				412				414	
12-4	119	208	420 5	142 96 46	174	272	475 5	195 153 42	12-4
+	1149	645	✓	✓ 458	1145	578	✓	✓ 456	VALLEY BLVD. AT RUMFORD
-	1145	578						458	F.B. 1379-8
+	4	067	✓					✓ 914	

286

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM 12-4	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 12-4 TO BM 12-5
									BM 12-4
1	133	282	434 5	139 127 12	107	363	408 5	113 101 12	VALLEY BLVD AT RUMFORD
									F.B. 1379-8
2	194	560	495 5	228 160 68	105	490	406 5	139 71 68	
				80				80	
3	162	010	463 5	197 127 70	152	862	453 5	188 116 72	
				150				152	
4	128	987	429 5	157 99 58	150	697	451 5	178 122 56	
				208				208	
5	126	480	427 5	155 97 58	155	358	456 5	184 126 58	
				266				266	
6	130	792	431 5	160 100 60	143	928	444 5	173 113 60	
				326				326	
7	130	532	431 5	164 96 68	~~444~~ ~~145~~ 145	162	~~445~~ ~~446 5~~ 446 5	179 111 68	
				394				394	
BM 12-5	127	022	428 5	156 98 58	176	730	477 5	205 147 58	BM 12-5
	+ 1133	665	✓	✓ 452	1137	590	✓	✓ 452	VALLEY BLVD AT GARVEY - INTERSECTION
					+ 1133	665		452	F.B. 3709-163
					- 3	925	✓	✓ 904	

F.B. 4114 PG. ~~59~~ 56 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY RAND ALL NOTES RCP DATE: 5-20-71

INDEXED C.J. GALLI DATE

WEATHER Clear-Calm INST. NO. 75234

TIME 11:05 ROD NO. 113A.B

NOTES CHKD RCB DATE 6-7-71

T= 74

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
12-4									FROM 12-4 TO 12-4B
									12-4
									VALLEY AT RUMFORD
									F.B. 1379-8
1	135	620	436 5	152 118 34	118	120	419 5	136 100 36	
									ANDERSON
12-4B	132	732	433 5	138 126 12	133	444	434 5	139 127 12	12-4B
+	268	352	✓	✓ 46				✓ 48	VALLEY AT RUMFORD (EAST OF)
-	251	564			251	564	✓	46	F.B. 3709-100
+	16	788	✓					✓ 94	

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

SURVEY BY RANDALL WEATHER CLR. LT. BRZ INST. NO. 75234

NOTES BY T.C. PETERSON DATE 18 MAY 71 TIME 13:55 ROD NO. 1713 A

INDEXED B.J. GARLI DATE NOTES CHKD RCB DATE 6-7-71

T=88

F.B. 4114 PG. 58 S7

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 12-4B	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 12-4B TO BM 12-4
					148								BM 12-4B
1	127	112	428	5	106	42	110	674	411	5	131 89	42	VALLEY BLVD AT RUMFORD (EAST OF)
													F.B. 3709-100
BM 12-4	106	660	407	5	112 100	12	139	862	440	5	145 133	12	BM 12-4
+	233	772	✓		✓	54	250	536	✓		✓	54	VALLEY BLVD AT RUMFORD
							+ 233	772			✓	54	F.B. 1379-8
							16	764	✓			108	

T = 72°

WEATHER Clear-Calm INST. NO. 75234

TIME 11:00 ROD NO. 1713A-E

NOTES CHKD RCB DATE 6-7-71

F.B. 4114 PG. 58 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES T.C.P. DATE: 5-20-71

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
12-4B	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM 12-4B TO 12-4A
													12-4B
1	180	292	481	5	203 / 157	46	70	341	371	5	93 / 47	46	VALLEY AT RUMFORD (EAST OF)
													F.B. 3709-100
2	205	482	506	5	231 / 179	52	68	890	369	5	92 / 44	48	
						98						94	⊼ ANDERSON
3	169	992	470	5	185 / 153	32	123	912	424	5	141 / 105	36	
						130						130	
4	146	385	447	5	184 / 108	76	130	822	431	5	169 / 91	78	
						206						208	
5	138	732	439	5	163 / 113	50	141	134	442	5	168 / 114	54	
						256						262	
12-4A	127	023	428	5	132 / 122	10	125	737	426	5	128 / 122	6	
+	967	906	✓			266	660	836	✓			268	12-4A
-	660	836										266	VALLEY BLVD & SAN GABRIEL RIVER BRIDGE
+	307	070	✓									534	F.B. 1379-8

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

SURVEY BY RANDALL

NOTES BY T.C. PETERSON DATE MAY 18, 71

INDEXED [illegible] DATE

WEATHER CLR. LT. BRZ INST. NO. T5234

TIME 14:10 ROD NO. 1713 A

NOTES CHKD RCB DATE 6-7-71

T-88

F.B. 4114 PG. 60 59

218

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
12-4A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 12-4A TO BM 12-4B
									B.M. 12-4A
									VALLEY BLVD. & SAN GABRIEL RIVER BR.
1	140	262	441 5	170 / 110 60	142	270	443 5	172 / 112 60	F.B. ~~3709~~ - ~~100~~ 1379-8
2	136	344	437 5	170 / 102 68	147	055	448 5	183 / 111 72	⊼ ANDERSON
				128				132	
3	91	972	392 5	120 / 62 58	206	207	507 5	232 / 180 52	
				186				184	
4	82	290 ~~322~~	383 5	101 / 63 38	177	328	478 5	196 / 158 38	
				224				222	
5	90	592	391 5	105 / 75 30	160	709	461 5	175 / 145 30	
				254				252	
B.M. 12-4B	135	942	436 5	139 / 131 8	151	364	452 5	155 / 147 8	B.M. 12-4B
	+ 677	402 ✓		✓ 262	- 984	933 ✓		✓ 260	VALLEY BLVD AT RUMFORD (EAST OF)
					+ 677	402		262	F.B. 3709-100
					- 307	531 ✓		✓ 522	

F.B. 4114 PG. 60 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY RANDALL NOTES T.C.P. DATE: 5-20-71

INDEXED G.J. GALLI DATE

WEATHER Clear-Calm INST. NO. 7523

TIME 10:25 ROD NO. 1713A

NOTES CHKD RCB DATE 6-7-71

T = 72°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY RANDALL

NOTES BY PETERSON DATE 5-21-71

INDEXED L. GALLI DATE

WEATHER OVERCAST INST. NO. 75234

TIME 9:35 ROD NO. 1713 A.B.

NOTES CHKD RCB DATE 6-7-71

F.B. 4114 PG. 61

T=5B

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 12-4B TO B.M. 12-4A
1	178	310	479	5	199 / 157	42	80	908	381	5	101 / 59	42	BM 12-4B
													VALLEY BLVD & RUMFORD (EAST OF)
2	197	945	498	5	222 / 172	50	61	962	362	5	87 / 35	52	F.B. 3709-100
						92						94	
3	202	860	503	5	236 / 168	68	135	292	436	5	170 / 100	70	
						160						164	RERUN
4	146	963	447	5	188 / 104	84	135	545	436	5	174 / 96	78	
						244						242	
5	141	512	442	5	148 / 134	14	146	348	447	5	153 / 139	14	
+	867	590	✓		✓	258	560	055	✓			256	✓
-	560	055		✗						✗		258	B.M. 12-4A
B.M. 12-4A +	307	535	✓								✓	514	VALLEY BLVD & SAN GABRIEL RIVER BR.
													F.B. 1379-8

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

INST. NO 7523
ROD NO 7134
DATE 6-7-71
WEATHER Clear
TIME 8:50
NOTES CHKD RCB

T=58

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 12-4A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 12-4A TO B.M. 12-4B
1	142	832	443	5	169 115	54	145	168	446	5	172 118	54	BM. 12-4A
													VALLEY BLVD & SAN GABRIEL RIVER BR
2	134	260	435	5	169 99	70	145	810	446	5	180 110	70	F.B. 1379-8
						124						124	
3	99	220	400	5	127 71	56	200	513	501	5	227 173	54	
						180						178	
4	72	680 ~~692~~	373	5	92 52	40	176	531	477	5	196 156	40	
						220						218	
5	91	438	392	5	106 76	30	160	052	461	5	176 144	32	
						250						250	
6	134	938	435	5	139 129	10	154	671	455	5	159 149	10	
	+ 675	368 ✓			✓	260	982	795 ✓			✓	260	BM 12-4B
B.M. 12-4B							- 675	368				260	VALLEY BLVD & RUMFORD (EAST OF)
							307	377 ✓			✓	520	F.B. 3709-100

F.B. 4114 PG. 62-63

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY Randall NOTES PETERSON

INDEXED B.T. GALL DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 12-4A													FROM BM 12-4A TO BM 12-3
1	112	275	413	5	148 76	72	234	337	535	5	269 199	70	BM 12-4A
													Valley @ San Gabriel River
2	132	849	433	5	160 104	56	185	245	486	5	216 154	62	bridge
						128						132	F.B. 1379-8
3	170	961	471	5	200 140	60	167	043	468	5	196 138	58	
						188						190	⊼ Peterson
4	127	601	428	5	146 108	38	150	289	451	5	169 ~~129~~ 131	38 ~~40~~	✓
						226						228	
5	149	281	450	5	177 121	56	149	513	450	5	177 121	56	
						282						284	
6	150	599	451	5	157 143	14	177	627	478	5	183 171	12	
	+ 843	566	✓			296	1064	054	✓			296	✓
							+ 843	566				296	
BM 12-3							220	488	✓			592	BM 12-3
													Valley @ westerly of
													San Angelo
													F.B. 3709-97

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 18 May 71

INDEXED B.J. GALLI DATE

WEATHER Clear

TIME 15:00

NOTES CHKD RCB

INST. NO 7523

ROD NO 1713AC

DATE 6-7-71

T=89°

F.B. 4114 PG. 64 63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 12-3									FROM BM 12-3 TO BM 12-4A
1.	173	683	474 5	180 166 14	148	225	449 5	155 141 14	BM 12-3
									Valley W. of San Angelo
2.	146	077	447 5	179 113 66	144	159	445 5	177 111 66	± 200'
				80				80	F.B. 3709-97
3	169	489	470 5	198 140 58	134	371	435 5	166 102 64	
				138				144	⊼ PETERSON
4	160	181	461 5	191 129 62	144	673	445 5	173 115 58	
				200				202	
5	188	679	489 5	216 ~~226~~ 160 56	85	751	386 5	113 57 56	
				256				258	
6	175	311	476 5	194 156 38	135	571	436 5	155 115 40	
	+ 1013	420 ✓		✓ 294	792	747 ✓		298 ✓	
	- ~~747~~							294	
BM 12-4A	- 792	747						✓ 592	BM 12-4A
	+ 220	673 ✓							Valley @ San Gabriel
									River bridge.
									F.B. 1379-8

F.B. 4114 PG. 65 64 JOB NO. 0301.02

SURVEY OF L. A. Co. Precise Level Nat

SURVEY BY Randall NOTES Rodriguez 20 May 71

INDEXED G. J. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 0:9:30 ROD NO. 17B AB

NOTES CHKD RCB DATE 6-7-71

T = 70'

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 12-3									FROM BM 12-3 TO BM 12-3A
1.	177	061	478 5	184 170 14	143	471	444 5	150 136 14	BM 12-3
									Valley @ westerly of
2.	161	091	462 5	184 138 46	200	601	501 5	222 178 44	San Angelo AV
				60				58	F.B. 3709-97
	338	152 ✓			344	072 ✓		60	⊼ Peterson
					338	152		118	
BM 12-3A					~~005~~	920 ✓			BM 12-3A
									~~Valley Blvd. so of So~~
									San Angelo AV, so of
									Valley ± 200'
									F.B. 3709-98

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

SURVEY BY Randall WEATHER Clear INST. NO 75235

NOTES BY Rodriguez DATE 19 May-71 TIME 0-9:15 ROD NO 1713 HC

INDEXED L. J. GALLI DATE NOTES CHKD RCB DATE 6-7-71

T=90' F.B. 4114 PG. 66 GS

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		
BM12-3A													FROM BM12-3A TO BM12-3
1.	198	261	499	5	224 / 172	52	161	501	462	5	186 / 136	50	BM12-3A
													San Angelo AV So. of
2	149	291	450	5	156 / 142	14	180	083	481	5	187 / 173	14	Valley ± 200'
					↘	66						64	F.B 3709-98
	347	552	✓				341	584	✓		↘	66	
	341	584									↘	130	⊼ Peterson
+	5	968	✓										
BM 12-3													BM 12-3
													Valley W. of San
													Angelo ± 200'
													F.B 3709-97

F.B. 4114 PG. 67/66 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 20 May 71

INDEXED B.J. GALLI DATE

WEATHER Clear INST. NO. 7523

TIME 0:9:15 ROD NO. 1713A

NOTES CHKD RCB DATE 6-7-71

T = 70°

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 19 May 71 WEATHER Clear T=90°

INDEXED L. J. GALLI DATE NOTES CHKD RCB DATE 6-7-71

F.B. 4114 PG. 6867

INST. NO. 75234

ROD NO. 1713AB

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM 12-3A													FROM BM 12-3A TO BM 12-1
1	203	117	504	5	236 170	66	171	111	472	5	203 139	64	BM 12-3A
							(NOTE)						San Angelo, so of Valley
2	154	815	455	5	187 121	66	148	449	449	5	181 115	66	± 200'
						132						130	F.B. 3709-98
3	159	109	460	5	190 128	62	163	013	464	5	194 132	62	⊼ Peterson
						194						192	
4	138	911	439	5	169 1087	64	168	955	469	5	200 136	64	
						256						256	
5	160	475	461	5	185 135	50	186	067	487	5	213 159	54	
						306						310	
6	148	191	449	5	178 118	60	127	137	428	5	155 99	56	
						366						366	
7	182	863	483	5	209 155	54	136	505	437	5	165 107	58	
						420						424	
8	185	219	486	5	192 178	14	214	299	515	5	221 207	14	
	+ 1332	700	✓			434	-1315	536	✓			438	✓
	- 1315	536										434	
BM 12-1	+ 17	164	✓									872	BM 12-1
													Valley @ Vineland
													& Int.
													F.B 3709-95

280

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM12-1													FROM BM12-1 TO BM12-3A
1	179	003	480	5	208 150	58	187	861	488	5	216 158	58	BM 12-1
													Valley @ Vineland ℄ INT
2	147	819	448	5	178 116	62	169	965	470	5	201 137	64	F.B. 3709-95
						120						122	
3	178	895	479	5	207 149	58	137	011	438	5	167 107	60	⊼ PETERSON
						178						182	
4	163	211	464	5	196 130	60	141	695	442	5	170 112	58	
						238						240	
5	147	861	448	5	178 116	62	144	749	445	5	174 114	60	
						300						300	
6	145	019	446	5	176 114	62	158	241	459	5	188 128	60	
						362						360	
7	165	225	466	5	195 135	60	196	011	497	5	226 166	60	
						422						420	
8	174	473	475	5	179 169	10	183	885	484	5	187 179	08	
	+ 1301	506 ✓				432	1319	418 ✓				428 ✓	
							+ 1301	506				432	
BM12-3A							17	912 ✓				860	BM 12-3A
													San Angelo So. of Valley
													± 200'
													F.B. 3709-98

T=88

WEATHER Clear INST. NO. 7523

TIME 13:50 ROD NO. 1713A

NOTES CHKD. RCB DATE 6-7-71

F.B. 4114 PG. 68 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randell NOTES RODRIGUEZ 19 May 71

INDEXED G. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 12-3A													FROM BM 12-3A TO BM 12-1
1	203	~~345~~ 403	504	5	~~230~~ ~~178~~ 230 176	54	~~174~~ 173	~~093~~ 463	~~475~~ 474	5	~~196~~ ~~152~~ 200 146	54	BM 12-3A
													SAN ANGELO AV So. of Valley
2	156	451	457	5	182 130	52	145	407	446	5	171 119	52	± 200'
						106						106	F.B. 3709-97
3	144	681	445	5	172 116	56	141	107	442	5	189 113	56	
NOTE ↕						162						162	⊼ PETERSON
4	144	525	445	5	177 111	66	171	233	472	5	204 138	66	RERUN
						228						228	
5	143	397	444	5	173 113	60	159	389	460	5	189 129	60	
						288						288	
6	134	413	435	5	168 100	68	142	707	443	5	171 113	58	
						356						346	
7	165	261	466	5	193 137	56	151	333	452	5	184 118	66	
						412						412	
8	155	435	456	5	165 145	20	145	319	446	5	154 134	20	
+	1247	566	✓		✓	432	1229	958	✓			432	✓
−	1229	958										432	
BM 12-1 +	17	608	✓								✓	864	BM 12-1
													Valley @ Vineland ℄ INT
													F.B. 3709-95

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

SURVEY BY _____ WEATHER Clear INST. NO. 75234

NOTES BY Rodriguez DATE 20 May 71 TIME 14:15 ROD NO. 1713 AA

INDEXED B.J. GALLI DATE _____ NOTES CHKD RCB DATE 6-7-71

T=80 F.B. 4114 PG. 7069

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 7523 ROD NO. 178A DATE 6-7-71

WEATHER Clear TIME 13:00 NOTES CHKD RCB

T=80°

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

SURVEY BY Randall NOTES Rodriguez 20 May 71

INDEXED J. GALLI DATE

F.B. 4114 PG. 70

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 12-1													FROM B.M. 12-1 TO B.M. 12-3A
1.	171	961	472	5	202 140	62	165	741	466	5	198 134	64	BM 12-1
												6	Valley @ Vineland & INT.
2.	125	765	426	5	157 93	64	148	397	449	5	180 116	64	F.B. 3709-95
						126						12.6	
3	167	971	468	5	200 134	66	137	785	438	5	171 103	68	X PETERSON
						192						19.4	RERUN
4	171	851	472	5	202 140	62	154	277	455	5	186 122	64	
						254						25.8	
5	157	031	458	5	187 127	60	158	595	459	5	187 129	58	
						314						31.6	
6	159	171	460	5	190 128	62	165	665	446	5	197 133	64	
						376						38.0	
7	178	005	479	5	199 157	42	199	951	500	5	218 180	38	
						41.8						41.8	
8	164	017	465	5	172 156	16	182	907	483	5	190 164	16	
	+ 1295	772 ✓				434	1313	318 ✓				434 ✓	
							- 1295	772				434	
BM 12-3A							17	546 ✓				868	BM 12-3A
													San Angelo Av. So. of
													Valley ± 200'
													F.B. 3709-97

76P526B CE # 308 8/68

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

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 12-1 TO BM 12-1 A
BM 12-1													
1	216	395	517	5	225 207	18	133	571	434	5	141 125	16	BM 12-1
													Valley @ Vineland & INT-
2	167	307	468	5	173 161	12	180	025	481	5	187 173	14	F.B. 3709-95
						30						30	✓
	383	702	✓				313	596	✓			30	π PETERSON
	313	596										60	✓
+	070	106	✓										
													BM 12-1A
													Valley @ Vineland No,
													F.B. 3709-96

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 19 May-71 TIME 0:11:05 WEATHER Clear INST. NO 75234

INDEXED L.J. GALLI DATE NOTES CHKD RCB DATE 6-7-71 ROD NO 1713AB

T=90°

F.B. 4114 PG. 29 71

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 12-1A TO BM 12-1
BM 12-1A													
1	182	381	483	5	193 171	22	210	059	511	5	221 199	22	BM 12-1A
													Valley @ Vineland AV, No
2	204	389	505	5	215 193	22 14	246	795	547	5	256 236	20	F.B 3709-96
						44						42	✓
	+386	770 ✓					-456	854 ✓				44	⊼ Peterson
							+386	770				86	✓
							-70	084 ✓					
BM 12-1													BM 12-1
													Valley @ Vineland & Int.
													F.B 3709-95

F.B. 4114 PG. 73 72 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 19 May 71

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 7523

TIME 13:30 ROD NO. 1713 H

NOTES CHKD RCB DATE 6-7-71

T=88

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 12-1A									FROM BM 12-1A TO BM 11-~~120~~ 119A
1	121	497	422 5	139 103 36	157	505	458 5	175 139 36	BM 12-1A
									Vineland, No of Valley
2	194	505	495 5	225 163 62	121	485	422 5	152 90 62	± 100'
				98				98	F.B 3709-96
3	143	581	444 5	174 112 62	160	587	461 5	191 129 62	
				160				160	⊼ PETERSON
4	154	911	455 5	183 125 58	156	109	457 5	186 126 60	
				218				220	
5	187	481	488 5	202 172 30	68	435	369 5	3 84 583 30	
+	801	975		248	664	121		250	
-	664	121						248	
BM 11-119A	137	854						498	BM 11-119A
									Valley @ Puente (wingwall)
									F.B 2880-48

212

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

SURVEY BY Randall WEATHER Clear INST. NO. 75234

NOTES BY Rodriguez DATE 19 May 71 TIME 0:11:15 ROD NO. 1713AB

INDEXED J. GALLI DATE NOTES CHKD RCB DATE 6-7-71

F.B. 4114 PG. 74 73

T=84°

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM11-119A TO BM12-1A
BM11-119A													
1	41	517	342	5	70 / 12	58	153	423	454	5	182 / 124	58	BM 11-119A
													Valley @ Puente (Wingwall)
2	146	833	447	5	176 / 116	60	146	903	447	5	176 / 116	60	F.B. 2880-48
						118						118	
3	153	063	454	5	182 / 124	58	184	811	485	5	214 / 154	60	⊼ Peterson
						176						178	
4	130	875	431	5	159 / 101	58	149	729	450	5	180 / 118	62	
						234						240	
5	205	267	506	5	213 / 197	16	180	695	481	5	186 / 174	12	
	+677	555				250	815	561				252	
							677	555				250	
BM12-1A							138	006				502	BM 12-1A
													Valley @ Vineland No.
													F.B. 3709-96

T = 88°

WEATHER Clear INST. NO. 7523

TIME 13:00 ROD NO. 1713

NOTES CHKD RCB DATE 6-7-71

F.B. 4114 PG. 74 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES RODRIGUEZ 19 May 71

INDEXED B.J. GAFFI DATE

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET	F. B. 4114 Pg. 95
Map No.	JN 030102 Tape — Std — °F	
Office Work	Surveyed by RANDALL	
Checked	Notes " Date MAY '71	
Date	Indexed R. J. GALTT JUN 4 '71	

LOS ANGELES COUNTY

PRECISE LEVEL NET

LINE No. 48

J.N. 030102

MAY 1971

REFERENCE

F.B. 1363
2880
2888
3709
3711
3713

PARTY

RANDALL
ANDERSON
PETERSON T.C. Jr.
RODRIGUEZ R.J.
LOVE

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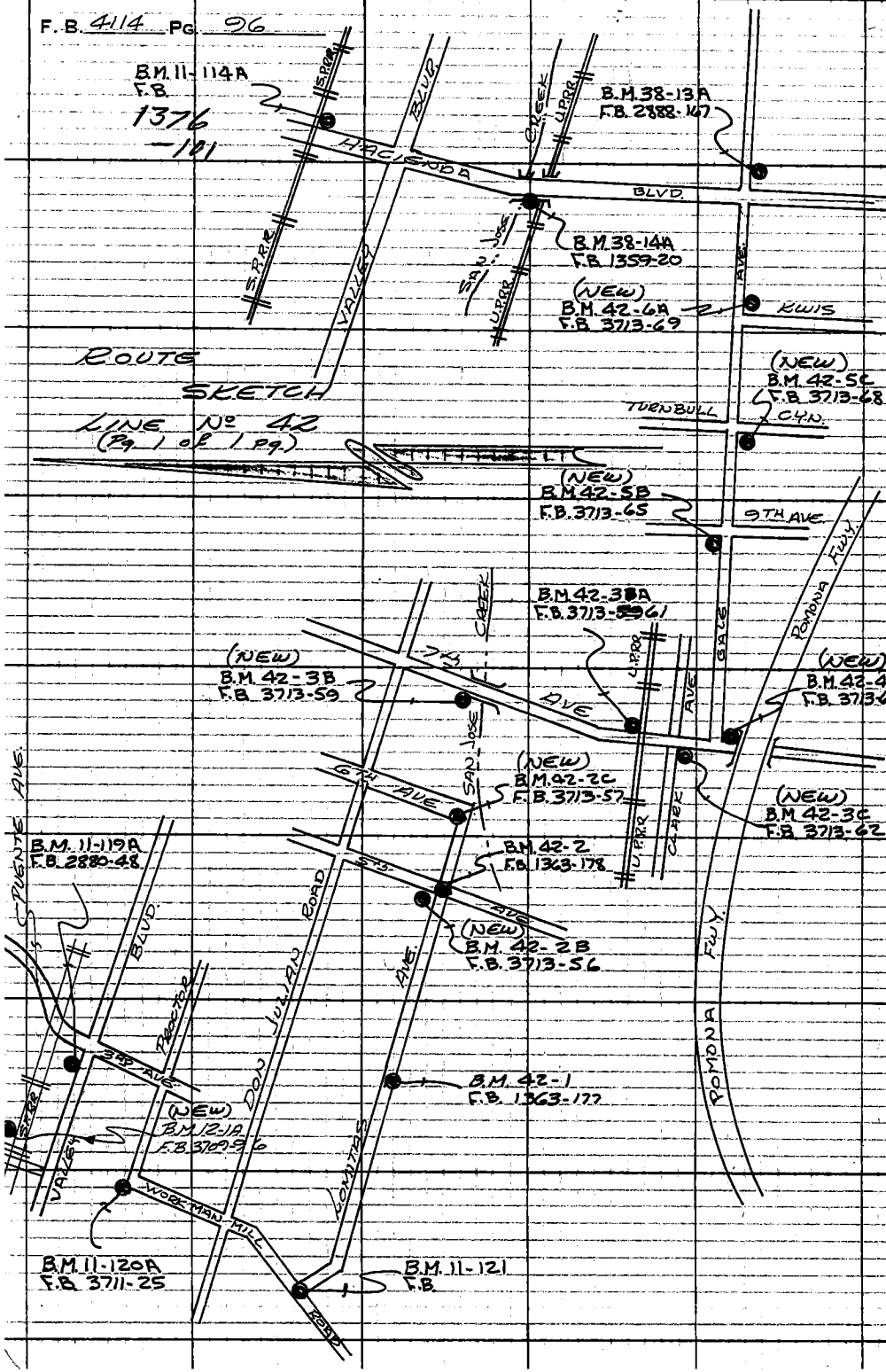
403 LOS ANGELES COUNTY ENGINEERING BLDG.

26F309S CE#310 3-69

F.B. 4114 PG. 96



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. RANDALL
NOTES BY R. ANDERSON DATE 24-MAY '71 WEATHER CLEAR & CALM INST. NO. 75234
INDEXED R. L. GALLI DATE JUN 4 '71 TIME 08:25 ROD NO. 1713A
NOTES CHKD DATE

T = 68°

F.B. 4114 PG. 97

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								T = RODRIGUEZ
	NEAR ROD				FAR ROD				
1	156	520	457 5	161 / 151 10	169	638	470 5	199 / 139 60	60 M- 10 M=50 M=0.20 mm
2	152	220	453 5	157 / 147 10	139	052	440 5	169 / 109 60	60 M- 10 M=50 M=0.20 mm
	308	740		20	308	690		120	
	308	650						-20	
	+	090			-0.40 mm			100	Curvature Corr.=0.40 mm
					308	650			
					-				

+ 0.009 mm= "C"
100 / 0.900

mm= "C"

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 25-MAY '71 TIME 08:15 WEATHER CLOUDY & CALM INST. NO. 75234

INDEXED B. J. GALLI DATE NOTES CHKD DATE ROD NO. 1713 A&C

F.B. 4114 PG. 99

T=62°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								T = RODRIGUEZ
	NEAR ROD				FAR ROD				
1	154	520	455 5	159 / 149 10	136	101	437 5	166 / 106 60	60 M- 10 M= 50 M=0.20 mm
2	164	961	465 5	169 / 159 10	183	399	484 5	213 / 153 60	60 M- 10 M= 50 M=0.20 mm
	319	481			319	500		120	
	319	460						-20	
	+	0,21			-0.40 mm			100	Curvature Corr.=0.40 mm
					319	460			
					-				

+ 0.002 mm= "C"

100 / 0.210

mm= "C"

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. RANDALL
NOTES BY R. ANDERSON DATE 26 - MAY '71 WEATHER CLOUDY & CRUSH INST. NO. 75234
INDEXED [illegible] GALLI DATE TIME 08:00 ROD NO. 1713 [illegible]
NOTES CHKD DATE

T = 60°

F.B. 4114 PG. 101

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								T = RODRIGUEZ
	NEAR ROD				FAR ROD				
1	153	231	454 5	168 / 148 10	145	090	446 5	174 175 / 114 115 60	60 M- 10 M= 50 M=0.20 mm
2	157	660	458 5	162 / 152 10	165	890	466 5	195 / 135 60	60 M- 10 M= 50 M=0.20 mm
	310	891		20	310	980		120	
								-20	
	+				-0.40 mm			100	Curvature Corr.=0.40 mm
					310	940			
					310	891			
					-	0.49			
	1			mm= "C"					
					-	0.005 mm= "C"			
					100	0.490			

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 27 May 71

INDEXED G. J. GALLI DATE

WEATHER overcast INST. NO 75234

TIME 0:8:15 ROD NO 1713 HB

NOTES CHKD DATE

F.B. 4114 PG. 103

T = 60°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	167	053	468 5	172 / 162 10	131	895	432 5	161 / 101 60	60 M- 10 M= 50 M=0.20 mm
2	169	055	470 5	174 / 164 10	204	363	505 5	234 / 174 60	60 M- 10 M= 50 M=0.20 mm
	336	108		20	336	258		120	
								-20	
	+				-0.40mm			100	Curvature Corr.=0.40 mm
					336	218			π PETERSON
					336	108			
					-	1.10			
	+			mm= "C"					
					-	0.011		mm= "C"	
					100	1.10			

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	152	921	453 5	157 / 147 10	139	429	440 5	169 / 109 60	60 M-10 M= 50 M=0.20 mm
2	157	283	458 5	162 / 152 10	170	919	471 5	200 / 140 60	60 M- 10 M= 50 M=0.20 mm
	310	204		20	310	348		120	
								-20	
	+				-0.40mm			100	Curvature Corr.=0.40 mm
					310	308			⊼ PETERSON
					310	204			
					-	1.04			
	+			mm= "C"					
	/								
						0.010			
					-	~~0.010~~		mm= "C"	
					100	1.04			

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

SURVEY BY Randall WEATHER Clear INST. NO 75234

NOTES BY Rodriguez DATE 0:8:00 TIME 1 June 71 ROD NO 178 AA

INDEXED B. L. GAMBY DATE NOTES CHKD DATE

T=64°

F.B. 4114 PG. 105

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY V. RANDALL WEATHER Cloudy Warm INST. NO. 352-3

NOTES BY R. ANDERSON DATE 1-JUNE-71 TIME 10:10 ROD NO. 773A

INDEXED [redacted] GALLI DATE NOTES CHKD. RCB DATE 6-7-71

T = 68°

F.B. 4114 Pg. 107

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 12-1A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 12-1A TO B.M. 11-119A
1	123	421	424	5	150 96	54	141	508	442	5	170 112	58	B.M. 12-1A
					239						179		VALLEY BLVD. & VINELAND
2	204	901	505	5	169	70	147	830	448	5	115	64	F.B. 3209-96
	134				169	124					185	122	
3	~~133~~	049	435	5	99	70	150	550	451	5	115	70	T = RODRIGUEZ
					186	194					71	192	
4	159	610	460	5	132	54	43	762	344	5	15	56	
+	621	981	✓		248		483	650	✓		248	✓	
B.M. 11-119A	483	650									248		B.M. 11-119A
+	138	331	✓								496		VALLEY BLVD. & 3RD. AVE.
													F.B. 2880-48

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 11-119A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-119A TO B.M. 12-1A
1	46	120	347	5	74 / 18	56	161	628	462	5	188 / 134	54	B.M. 11-119 A
					192						178		VALLEY & 3RD. AVE.
2	154	110	455	5	116	76	141	010	442	5	104	74	F.B. 2880-48
					169	132					223	128	
3	135	110	436	5	101	68	190	750	491	5	157	66	
					166	200					150	194	⊼ = RODRIGUEZ
4	142	942	443	5	118	48	123	071	424	5	96	54	
+	478	282 ✓			✓	248	616	459 ✓				248 ✓	
~~5~~				~~5~~			+ 478	282				248	
B.M. 12-1A							138	177 ✓				496 ✓	B.M. 12-1A
													VALLEY BL. & VINELAND
													F.B. 3709-96

T = 700

F.B. 4114 PG. 108 JOB NO. 0301-02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE: 1-JUNE-71

INDEXED 1 GAMES DATE

WEATHER CLOUDY & CALM INST. NO. 75234

TIME 0 9:35 ROD NO. 1713 AoB

NOTES CHKD RCB DATE 6-7-71

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM. 12-1A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 12-1A TO BM 11-119A
1	103	572	404	5	131 / 75	56	120	337	421	5	148 / 92	56	BM 12-1A. VALLEY BLVD & VINELAND
2	173	692	474	5	203 / 143	60	121	940	422	5	151 / 91	60	F.B. 3709-96
						116						116	
3	137	067	438	5	163 / 111	52	161	134	462	5	187 / 135	52	⊼ Anderson RERUN
						168						168	
4	153	578	454	5	179 / 127	52	128	252	429	5	155 / 101	54	
						220						222	
5	149	558	450	5	159 / 139	20	163	047	464	5	173 / 153	20	
						240						242	
6	209	293	510	5	216 / 202	14	93	438	394	5	99 / 87	12	
+	926	760	✓			254	788	148	✓			254	✓
-	788	148										254	
+	138	612	✓									508	✓
BM. 11-119A													BM. 11-119A VALLEY BLVD & 3RD AVE F.B. 2880-48

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

SURVEY BY RANDALL

NOTES BY PETERSON DATE 6-1-71

INDEXED [illegible] DATE

WEATHER PLOTTY CLOUDY INST. NO 75234

TIME 11:15 ROD NO 1713 A

NOTES CHKD RCB DATE 6-7-71

F.B. 4114 PG. 109

T=68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 11-119A									FROM BM 11-119A TO BM 12-1A
1	18	498	319 5	(1/2) 46 18 56	131	242	432 5	159 103 56	BM 11-119A
									VALLEY BLVD & 3RD AVE
2	129	890	430 5	165 93 72	122	772	423 5	158 86 72	FB 2880-48
				128				128	
3	137	562	438 5	168 106 62	187	070	488 5	218 156 62	⊼ ANDERSON
				190				190	RERUN
4	124	838	425 5	152 96 56	108	069	409 5	136 80 56	
	+410	788	✓	246	549	153	✓	246	✓
					+410	788		246	
B.M. 12-1A					138	365	✓	492	BM 12-1A
									VALLEY BLVD & VINELAND
									FB 3709-96

T=68

WEATHER PARTLY CLOUDY INST. NO. 75234

TIME 10:45 ROD NO. 1713 A

NOTES CHKD RCB DATE 6-7-71

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON

INDEXED B. J. GALLI DATE

F.B. 4114 PG. 110

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Rowdall WEATHER Overcast INST. NO. 75234
NOTES BY Rodriguez DATE 27 May 71 TIME 13:00 ROD NO. 1713 MA
INDEXED [illegible] DATE NOTES CHKD RCB DATE 6-7-71
F.B. 4114 PG. 111
7558

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM 11-119A													From BM 11-119A To BM 11-120A
1	47	629	348	5	73 21	52	148	417	449	5	175 121	54	BM 11-119A
													Valley @ 3rd Av.
2	145	635	444	5	182 108	74	108	747	409	5	145 71	74	F.B. 2880-48
3	180	097	481	5	212 148	126 64	101	109	402	5	133 69	128 64	T Peterson
4	149	029	450	5	174 122	190 54	155	171	456	5	180 130	192 50	
5	120	991	421	5	151 89	244 62	170	647	471	5	202 138	242 64	
6	123	353	424	5	160 86	306 74	198	587	499	5	236 160	306 76	
7	222	703	523	5	234 210	380 24	252	149	553	5	263 241	382 22	
	+ 989	437 ✓				404	1134	827 ✓				404 ✓	
							- 989	437				404 ✓	
BM 11-120A							145	390 ✓				808	BM 11-120A
													Workmen Mill Rd & Proctor Av.
													F.B. 3711-25

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM11-120A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM11-120A TO BM11-119A
1	177	233	478	5	200 154	46	127	813	428	5	150 104	46	BM11-120A
													WORKMEN MILL & PROCTOR
2	185	785	486	5	216 154	62	128	347	429	5	158 98	60	F.B 3711-25
						108						106	⊼ PETERSON
3	179	391	480	5	208 150 ~~48~~	58	124	061	425	5	152 96	56	
						166						162	
4	155	239	456	5	191 119	72	191	569	492	5	229 153	76	
						238						238	
5	109	413	410	5	139 79	60	170	991	471	5	199 141	58	
						298						296	
6	125	747	426	5	163 87	76	148	855	449	5	186 110	76	
						374						372	
7	154	915	455	5	168 140	28	148	693	449	5	162 134	28	
						402						400	
8	208	797	509	5	214 202	12	110	425	411	5	116 104	12	
+	1296	520 ✓				414	1150	754 ✓				412 ✓	
−	1150	754										414	
BM11-119A +	145	766 ✓										826 ✓	BM 11-119A
													Valley @ 3rd Av.
													F.B. 2880-48

T=62

F.B. 4114 PG. 112 JOB NO.

SURVEY OF

SURVEY BY Randall NOTES Rodriguez 27 May 71 TIME 0:10:30 WEATHER overcast INST. NO. 75234

INDEXED G. L. GALLI DATE NOTES CHKD DATE ROD NO. 1713 AB

F.B. 4114 PG. 113

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

SURVEY BY Randall WEATHER INST. NO.

NOTES BY DATE TIME ROD NO.

INDEXED L. L. GALLI DATE NOTES CHKD RCB DATE 6-7-71

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	RIGHT	MIC.	LEFT.	STADIA	FROM TO
								See Pg. 114 for Rerun 11-1209 to 11-1197

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

Do not extend notes this side of this line.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P526 CE # 308 3-65

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM11-120A									FROM BM11-120A TO BM11-119A
1	183	963	484 5	202 164 38	141	613	442 5	161 121 40	BM11-120A
									WORKMAN MILL Rd @ PROCTOR
2	210	863	511 5	290 180 60	141	119	442 5	170 112 58	F.B. 3711-25
				98				98	⊼ PETERSON
3	165	385	466 5	193 137 56	126	369	427 5	154 98 56	(RERUN)
				154				154	
4	172	663	473 5	204 140 64	179	629	480 5	210 148 62	
				218				216	
5	136	579	437 5	167 105 62	194	467	495 5	225 163 62	
				280				278	
6	116	643	417 5	146 86 60	165	191	466 5	197 133 64	
				340				242	
7	149	333	450 5	163 135 28	163	019	464 5	177 149 28	
				368				370	
8	177	449	478 5	202 152 50	55 95	821	356 5	77 33 44	
	+ 1312	878 ✓		418	1167	228 ✓		414 ✓	
BM11-119A	- 1167	228						418	BM11-119A
	+ 145	650 ✓						832	Valley @ 3rd ST
									F.B. 2880-48

T=60°

F.B. 4114 PG. 114

JOB NO. 0301.02

SURVEY OF L.A.Co Precise Level Net

SURVEY BY Randall NOTES Rodriguez

INDEXED C. L. DATE

WEATHER Clear INST. NO. 25234

TIME 0:8:30 ROD NO. 1713 A/B

NOTES CHKD. RCB DATE 6-7-71

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY Randall NOTES BY Rodriguez DATE 27 MAY 71 TIME 13:50 WEATHER overcast INST. NO 75234 ROD NO. 1713 HB

INDEXED B. Ball DATE NOTES CHKD Rodriguez DATE 6-7-71

T=60° F.B. 4114 PG. 115

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM 11-120A													FROM BM 11-120A TO BM 11-121
1	182	345	483	5	202 / 162	40	156	675	457	5	174 / 138	36	BM 11-120 A
													WORKMEN MILL Rd & 3RD AV
2	151	801	452	5	186 / 116	70	141	659	442	5	178 / 104	74	F.B. 3711-25
						110						110	
3	188	275	489	5	219 / 157	62	53	569	354	5	84 / 82	62	T PETERSON
						172						172	
4	207	375	508	5	238 / 176	62	34	635	335	5	65 / 3	62	
						234						234	
5	298	625	599	5	298 / 276	44	38	747	339	5	60 / 16	44	
						278						278	
6	287	891	588	5	287 / 269	36	56	361	357	5	74 / 38	36	
						314						314	
7	284	139	585	5	284 / 265	38	93	419	394	5	111 / 75	36	
						352						350	
8	254	883	555	5	273 / 235	38	45	403	346	5	64 / 26	38	
						390						388	
9	195	223	496	5	205 / 185	20	79	745	380	5	89 / 69	20	
						410						408	
10	177	629	478	5	182 / 172	10	155	049	456	5	161 / 149	12	
+	2228	186	✓		✓	420	855	262	✓			420	✓
−	855	262										420	
BM 11-121 +	1372	924										840	BM 11-121
													WORKMEN MILL & LOMITAS
													AV (STREET)
													F.B.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 11-121													FROM B.M. 11-121 TO B.M. 11-120A
1	81	949	382	5	99 63	36	252	427	553	5	271 233	38	B.M. 11-121
													WORKMAN MILL & LOMITAS AVE.
2	37	159	338	5	55 19	36	237	053	538	5	255 219	36	F.B. (IN STREET
						72						74	
3	42	609	343	5	63 21	42	272	797	573	5	293 251	42	T. PETERSON
						114						116	
4	70	521	371	5	90 50	40	284	761	585	5	284 267	34	
						154						150	
5	100	211	401	5	108 92	16	225	323	526	5	235 215	20	
						170						170	
6	34	613	335	5	54 14	40	261	309	562	5	281 241	40	
						210						210	
7	138	229	439	5	152 124	28	158	967	459	5	173 143	30	
						238						240	
8	113	063	414	5	132 94	38	230	299	531	5	248 212	36	
						276						276	
9	126 ~~126~~	273	427	5	156 96	60	177	031	478	5	207 147	60	
						336						336	
10	148	553	449	5	182 114	68	78	179	379	5	112 44	68	
						404						404	
11	165	293	466	5	172 158	14	253	041	554	5	261 245	16	
	+ 1058	473	✓			418	- 2431	187	✓			420	✓
							+ 1058	473				418	✓
BM 11-120A							- 1372	714	✓			838	BM 11-120A
													WORKMEN MILL @ PROCTOR
													F.B. 371-25

T=58

WEATHER OVERCAST INST. NO. 75234

TIME 0:9:20 ROD NO. 1713 AB

NOTES CHKD RCB DATE 6-7-71

JOB NO. 0301.02

SURVEY OF L.A. Co Precise Level Net

SURVEY BY Randall NOTES Rodriguez 27 May 71

INDEXED G. J. GALLI DATE

F.B. 4114 PG. 116

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 11-121													FROM B.M. 11-121 TO B.M. 42-1
1	274	511	575	5	300 / 248	52	146	842	447	5	192 / 120	52	B.M. 11-121
					224						94		WORKMAN MILL RD & LOMITAS
2	208	131	509	5	192	32	8	091	309	5	8 1/2	32	F.B. (IN STREET)
					300	84					100	84	
3	288	920	589	5	276	24	88	032	389	5	76	24	
					136	108					242	108	
4	124	651	425	5	112	24	229	958	530	5	216	26	T = RODRIGUEZ
					54	132					223	134	
5	41	241	342	5	28	26	210	302	511	5	197	26	
					222	158					151	160	
6	205	328	506	5	188	34	132	060	433	5	113	38	
					208	192					110	198	
7	196	460	497	5	194	24	101	840	402	5	92	18	
					167	216					78	216	
8	256	882	557	5	245	22	67	372	369	5	56	22	
					297	238					20	238	
9	297	572	598	5	286 1/2	22	10	832	311	5	0	20	
					291	260					40	258	
10	280	432	581	5	269	22	28	442	329	5	16	24	
					271	282					87	282	
11	253	938	554	5	235	36	71	312	372	5	55	32	
					294	318					104	314	
12	266	842	567	5	239	56	75	288	376	5	46	58	
					140	374					156	372	
13	137	460	438	5	134	6	152	288	453	5	148	8	
	+2832	368	✓			380	1322	659	✓			380	✓
B.M. 42-1	-1322	659										380	B.M. 42-1
	+1509	709	✓									760	LOMITAS @ HOUSE #13858
													F.B. 1363-177 262 (IN STREET)

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-660

SURVEY BY V. RANDALL

NOTES BY R. ANDERSON DATE 21-MAY '71

INDEXED L.J. GALLI DATE

WEATHER CLOUDY & CALM

TIME 13:05

NOTES CHKD RCB

INST. NO. 75234

ROD NO. 1713A-A

DATE 6-7-71

F.B. 4114 PG. 117

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 42-1									FROM B.M. 42-1 TO B.M. 11-121
1	69	469	370 5	101 / 37 64	285	060	586 5	285 / 252½ 66	B.M. 42-1
~~2~~				48				288	LOMITAS AVE. @ HOUSE #13858
2	29	629	330 5	10 38	288	040	589 5	273½ 30	F.B. 1363-177 (IN STREET)
				38 102				298 96	
3	29	529	330 5	20 18	285	599	586 5	272 26	
				34 120				295 122	
4	25	889	326 5	16 18	295	370	596 5	286½ 18	
				28 138				267 140	
5	15	162	316 5	2 26	196	461	497 5	185 22	T = RODRIGUEZ
				106 164				111 162	
6	77	470	378 5	48 58	82	630	383 5	53 58	
				282 222		678		99 220	
7	268	511	569 5	254 28	86	~~68~~	387 5	73 26	
				76 250				292 246	
8	48	741	349 5	20 56	292	689	593 5	266½ 52	
				48 306				208 298	
9	34	310	335 5	20 28	190	799	491 5	172 36	
				129 334				233 334	
10	109	020	410 5	89 40	213	979	514 5	193 40	
	+ 707	730 ✓		374	2217	305 ✓		374 ✓	
~~11~~			~~5~~		707	730		374	
B.M. 11-121					1509	575 ✓		748 ✓	B.M. 11-121
~~12~~			~~5~~						WORMAN MILL RD. & LOMITAS
									F.B. (IN STREET)

F.B. 4114 PG. 118

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE: 27-MAY '71

INDEXED G. J. GALLI DATE

WEATHER CLOUDY & CALM INST. NO. 75234

TIME 08:20 ROD NO. 1713 AMB

NOTES CHKD RCB DATE 6-7-71

T = 56°

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 21-MAY '71 TIME 14:05 WEATHER CLOUDY & CALM INST. NO. 75234

INDEXED L.J. GALLI DATE NOTES CHKD RCB DATE 6-7-71 ROD NO. 1713 A.R.

T = 70°

F.B. 4114 PG. 119

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M 42-1													FROM B.M. 42-1 TO B.M. 42-2
					86						281		
1	72	048	373	5	58	28	267	~~528~~ 499	568		253	28	B.M. 42-1
					298						211		LOMITAS AVE @ HOUSE 13858
2	269	431	570	5	240	58	181	878	482	5	151	60	F.B. 1363-177
					38	86					301	88	
3	46	280	347	5	34	24	301	482	602	5	290½	22	
					30	110					293	110	
4	13	031	314	5	13½	34	293	110	594	5	277½	32	
					50	144					297	142	
5	41	299	342	5	32	18	287	371	588	5	277	20	$\bar{\Lambda}$ = RODRIGUEZ
					34	162					293	162	
6	24	322	325	5	14	20	293	008	594	5	284½	18	
					20	182					296	180	
7	11	238	312	5	2	18	296	880	597	5	286½	20	
					27	200					294	200	
8	18	152	319	5	9	18	286	848	587	5	278	16	
					20	218					297	216	
9	11	598	312	5	2	18	297	631	598	5	287½	20	
					51	236					290	236	
10	44	400	345	5	37	14	283	319	584	5	276	14	
					24	250					298	250	
11	16	220	317	5	8	16	289	182	590	5	280	18	
					20	266					299	268	- 3871.393
12	21	981	322	5	12	18	289	270	590	5	279	20	+ 734.843
					50	284					275	288	- 3136.550 ✓
13	38	601	339	5	26	24	265	244	566	5	255	20	
					124	308					255	308	
BM 42-2	106	242	407	5	88	36	238	671	539	5	221	34	B.M. 42-2
+	734	843	-			+ 344	3871	393	-			+ 342	LOMITAS AVE & 5TH. AVE. (IN STREET
												344	
												686	F.B. 1363-178

See DIFF. @ Right

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

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T = 68°

WEATHER Cloudy & Cool INST. NO. 752-34
TIME 14:05 ROD NO. 17-13-A-2
NOTES CHKD RCB DATE 6-7-71

JOB NO. 0301.02
NOTES Precise Level Net
DATE 26-May-71

F.B. 4114 PG. 120

SURVEY OF L.A. Co.
SURVEY BY Randall
INDEXED
D. L. GALL

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
B.M. 42-2											From B.M. 42-2 To B.M. 42-1
1	273	131	574	5	296 / 250 46	11	080	312	5	32 / 11 142	B.M. 42-2
2	293	989	594	5	293 / 280½ 26	15	571	316	5	30 / 0 30	Lomitas Ave. & 5th. Ave. (in street)
3	299	319	600	5	299 / 292½ 72	12	691	313	5	21 / 3 72 / 18	F.B. 1363-178
4	299	301	600	5	299 / 290½ 86 / 18	18	562	319	5	26 / 10 90 / 16	T = Rodriguez
5	293	970	594	5	293 / 284½ 104 / 18	15	332	316	5	24 / 6 106 / 18	
6	296	041	597	5	296 / 286½ 122 / 20	18	719	319	5	28 / 8 124 / 20	
7	295	361	596	5	295 / 285½ 142 / 20	19	191	320	5	28 / 10 144 / 18	Note: The Backsight & Foresight on Turn No. 14 were reversed and this section was rerun in this direction See pg. 122.
8	291	659	592	5	301 / 281 162 / 20	12	792	313	5	22 / 2 162 / 20	
9	276	772	577	5	284 / 268 182 / 16	70	151	371	5	80 / 60 182 / 20	
10	298	722	599	5	299 / 288½ 198 / 20	69	082	370	5	79 / 59 202 / 20	
11	268	892	569	5	281 / 255 218 / 26	9	929	310	5	19 / 9½ 222 / 20	+ 3815.860
12	297	692	598	5	297 / 277½ 244 / 40	145 / ~~144~~	011	446	5	166 / 124 242 / 42	− 868.924
13	180	619	481	5	222 / 138 288 / 84	205	832	506	5	250 / 160 284 / 90	+ 2946.936
B.M. 42-1	150	392	451	5	166 / 134 372 / 32	244	981	545		258 / 230 374 / 28	B.M. 42-1
−	+ 3815 860		See diff @ Rt.		404	− 868 924				402 / 404	Lomitas Ave. @ No. ± 13858
					400						F.B. 1363-177

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

F.B. 4114 PG. 121

SURVEY BY Randall WEATHER _____ INST. NO. _____

NOTES BY _____ DATE _____ TIME _____ ROD NO. _____

INDEXED C. J. GALLI DATE _____ NOTES CHKD. RCB DATE 6-7-71

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____
							See next pg. for Basin 42-2 & 42-1

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 42-2													FROM B.M. 42-2 TO B.M. 42-1
1	216	542	517	5	232 / 200	32	53	939	354	5	69 / 37	32	B.M. 42-2
													Lomitas @ 5th Ave. (street)
2	289	632	590	5	½) 289 / 275	28	9	181	310	5	½) 23 / 9	28	F.B. 1363-178
						60						60	
3	281	320	582	5	291 / 271	20	45	740	346	5	52 / 38	~~38~~ 14	⊼ Rodriguez
						80						74	(REBUN)
4	285	861	586	5	292 / 278	14	10	901	311	5	½) 20 / 10	20	
						94						94	
5	281	709	582	5	290 / 272	18	8	670	309	5	½) 17 / 8	18	
						112						112	
6	288	198	589	5	296 / 280	16	41	832	342	5	49 / 33	16	
						128						128	
7	292	862	593	5	301 / 283	18	17	270	318	5	27 / 7	20	
						146						148	
8	284	829	585	5	294 / 274	20	13	400	314	5	23 / 3	20	
						166						168	
9	275	572	576	5	284 / 266	18	38	078	339	5	47 / 29	18	
						184						186	
10	292	960	593	5	½) 292 / 282	20	9	399	310	5	½) 21 / 9	24	
						204						210	DIFF. / Stadia
11	295	202	596	5	½) 295 / 281	28	62	982	363	5	73 / 51	22	+ 3860.187 / 338
						232						232	− 723.896 / 338
12	293	139	594	5	½) 293 / 284	18	57	782	358	5	66 / 48	18	+ 3136.291 ✓ / ~~776~~ 676
						250						250	
13	206	552	507	5	240 / 172	68	231	652	532	5	266 / 196	70	
						318						320	B.M. 42-1
14	275	809	576	5	285 / 265	20	123	070	424	5	132 / 114	18	Lomitas @ House No 13858
B.M. 42-1	+ 3860.187		See Diff @ Rt.			338	− 723.896 ✓					338	F.B. 1363-177

T = 60°

WEATHER Cloudy - Lt. Brz INST. NO. 75284

TIME 13:05 ROD NO. 1713A.B

NOTES CHKD RCB DATE 6-7-71

SURVEY OF L.A. Co. Precise Level Net JOB NO. 030602

SURVEY BY Randall NOTES JGR 28-May-71

INDEXED [illegible] DATE

F.B. 4114 PG. 122

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M.42-2									FROM B.M.42-2 TO B.M.42-2B
									B.M. 42-2
									LOMITAS AVE. & 5TH. AVE (IN STREET)
									F.B. 1363-178
				216				182	T = RODRIGUEZ
1	207	109	508 5	198 18	173	320	474 5	164 18	
								18	
B.M.42-2B								36	B.M. 42-2B
+	207	109 ✓			173	320 ✓			LOMITAS AVE. & 5TH. AVE.
−	173	320							F.B 3713-56 N.W. COR.
+	33	789 ✓							

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

SURVEY BY J. RANDALL WEATHER CLEAR & CALM INST. NO. 78234

NOTES BY R. ANDERSON DATE 21-MAY '71 TIME 15:10 ROD NO. 1713A-6

INDEXED J. GALLI DATE NOTES CHKD RCB DATE 6-7-71

T = 70°

F.B. 4114 PG. 123

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M.42-2B	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.42-2B TO B.M.42-2
									B.M. 42-2 B
									LOMITAS AVE. & 5TH. AVE.
									F.B. 3713-56 N.W. COR.
				184				218	
1	175	548	476 5	166 18	209	312	510 5	200 18	T = RODRIGUEZ
								18	
B.M.42-2								36	B.M. 42-2
	175	548 ✓		-	209	312 ✓			LOMITAS AVE. & 5TH. AVE.
				+	175	548			F.B. 1363-178 (IN STREET)
					-33	764 ✓			

F.B. 4114 PG. 124 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY PANDALL NOTES ANDERSON DATE: 21-MAY 71

INDEXED G.J. GALLI DATE

WEATHER CLEAR & CALM INST. NO. 75234

TIME 15:15 ROD NO. 1713A-B

NOTES CHKD RCB DATE 6-7-71

T = 70°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 42-2B									FROM B.M. 42-2B TO B.M. 42-2C
1	108	751	409 5	130 86 44	150	722	457 5	172 128 44	B.M. 42-2B,
				126				188	LOMITAS AVE. & 5TH. AVE.
2	152	680	453 5	128 48	164	369	465 5	140 48	F.B. 3713-56 N.W.'LY COR.
				228 92				156 92	
3	196	331	497 5	164 64	122	280	423 5	88 68	⊼ = RODRIGUEZ
				202 156				160 160	
4	176	860	477 5	150 52	136	288	437 5	112 48	
				178 208				181 208	
5	168	686	469 5	158 20	171	351	472 5	161 20	
	+ 803	308 ✓		228	745	010 ✓		228 ✓	
	- 745	010						228	
B.M. 42-2C	+ 58	298 ✓						456	B.M. 42-2C
									LOMITAS AVE. & 6TH. AVE.
									F.B. 3713-57 N.W.'RLY COR.

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 24-MAY '71

INDEXED J. GALLI DATE

WEATHER CLEAR & CALM

TIME 08:46

NOTES CHKD RCB

INST. NO 75234

ROD NO 1713A-B

DATE 6-7-71

F.B. 4414 PG. 125

T = 680

204

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M 42-2C											FROM B.M. 42-2C TO B.M. 42-2B
1	165	~~602~~ 610	466 5	174 / 156	18	~~165~~	~~118~~	~~466~~ 5	~~181~~ ~~149~~	2	B.M. 42-2C
				152		167	601	468 5	178 / 156	22	LOMITAS AVE. & 6TH. AVE.
2	129	240	430 5	106	46	154	552	455 5	176 / 132	44	F.B. 3713-57 N.W. 'LY COR.
				158	64				233	66	
3	124	228	425 5	90	68	199	300	500 5	165	68	
				215	132				192	134	Λ = RODRIGUEZ
4	182	510	483 5	149	66	158	789	459 5	124	68	
				167	198				146	202	
5	156	828	457 5	145	22	136	478	437 5	126	20	
	+ 758	416 ✓			220	816	720 ✓			222 ✓	
B.M. 42-2B						+ 758	416			220	B.M. 42-2B
						+ 58	304 ✓			442	LOMITAS AVE. & 5TH. AVE.
											F.B. 3713-56 N.W. 'LY COR.

F.B. 4114 PG. 126

JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE 26-MAY '71

INDEXED C. J. GALLI DATE

WEATHER CLOUDY & CALM INST. NO. 75234

TIME 13:25 ROD NO. 1713A

NOTES CHKD RCB DATE 6-7-71

T-68°

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM 42-2C	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM42-2C TO BM42-3B
1	151	633	452 5	177 / 125 52	173	577	474 5	195 / 151 44	BM 42-2C
									LOMITAS AV. @ 6TH AV.
2	168	045	469 5	199 / 137 62	141	403	442 5	174 / 108 66	F.B. 3713-57 N.W. COR
				114				110	⊼ PETERSON
3	167	145	468 5	197 / 137 60	129	139	430 5	161 / 97 64	
				174				174	
4	176	681	477 5	206 / 146 60	108	589	409 5	138 / 78 60	
				234				234	
5	162	059	463 5	174 / 150 24	23	043	324 5	36 / 10 26	
				258				260	
6	232	369	533 5	237 / 227 10	152	465	453 5	157 / 147 10	
				268	728	216		270	
								268	
								538	BM 42-3B
+	~~1047~~	~~932~~							7TH AV. @ bridge over
-	728	216							SAN JOSE CR.
BM 42-3B +	319	716							F.B. 3713-59
	+1057	932							
	- 728	216							
	+ 329	716							

T=78

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 24 May 71

INDEXED [illegible] DATE

WEATHER Clear INST. NO. 75213

TIME 0:9:15 ROD NO. 1713 [illegible]

NOTES CHKD RCB DATE 6-7-71

F.B. 4114 PG. 127

220

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 42-3B	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 42-3B TO BM 42-2C
1	24	221	325	5	123 / 36	24	239	635	540	5	250 / 228	22	BM 42-3B
													7th AV @ Bridge San Jose
2	119	585	420	5	150 / 88	62	180	967	481	5	211 / 149	62	overcrossing
						86						84	F.B. 3713-59
3	116	149	417	5	151 / 81	70	160	201	461		195 / 125	70	
						156						154	⊼ Peterson
4	148	917	449	5	178 / 118	60	179	083	480		210 / 148	62	
						216						216	
5	167	831	468	5	182 / 152	30	136	409	437		152 / 120	32	
						246						248	
6	148	981	449	5	156 / 140	16	159	251	460		168 / 150	18	
+	725	684	✓		✓	262	-1055	546	✓			266	✓
							+725	684				262	
BM 42-2C							-329	862	✓			528	✓ BM 42-2C
													Lomitas AV. @ 6th AV.
													F.B. 3713-57

T=70

F.B. 4114 PG. 128 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net WEATHER Overcast INST. NO. 75234

SURVEY BY Randall NOTES Rodriguez 26 May 71 TIME 0:11:35 ROD NO. 1713 AB

INDEXED G.L. GALLI DATE NOTES CHKD RCB DATE 6-7-71

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 42-3B													FROM BM 42-3B TO BM 42-3A
1	123	541	424	5	151 / 123	56	219	351	520	5	247 / 191	56	BM 42-3B
													7th AV. @ bridge over
2	159	287	460	5	180 / 138	42	70	167	371	5	92 / 48	44	San Jose CR.
						98						100	F-B 3713-59
3	209	201	510	5	231 / 187	44	50	231	351	5	71 / 29	42	
						142						142	π Peterson
4	240	177	541	5	250 / 230	20	97	359	398	5	107 / 87	20	
+	732	206	✓			162	437	108	✓			162	✓
BM 42-3A -	437	108										162	
+	295	098	✓									324	✓ BM 42-3A
													7th ave @ U.P.R.R.
													F.B 3713-61

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

SURVEY BY Randall WEATHER Clear INST. NO 75234

NOTES BY Rodriguez DATE 24 May 71 TIME 0:10:10 ROD NO 1713 MB

INDEXED L.G. GALLI DATE NOTES CHKD RCB DATE 6-7-71

F.B: 4174 PG. 129

T=80

170

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM42-3A TO BM42-3B
BM42-3A													
1.	4	059	305	5	1/2) 24 4	40	245	393	546	5	263 225	40	BM 42-3A
													7th AV. @ U.P.R.R
2.	107	575	408	5	122 92	30	223	911	524	5	239 207	32	F.B. 3713-61
						70						72	⊼ PETERSON
3	120	503	421	5	138 102	36	149	809	450	5	167 131	36	
						106						108	
4	222	265	523	5	247 197	50	130	539	431	5	1/2) 134 130	~~54~~ 48	
	+ 454	402	✓			156	749	652	✓			156	
							+ 454	402				156	
BM 42-3B							295	250	✓			312	BM 42-3B
													7th AV @ SAN JOSE
													BRIDGE F.B. 3713-59

T = 70°

WEATHER OVERCAST INST. NO. 75231

TIME 0:10:55 ROD NO. 1713A

NOTES CHKD RCB DATE 6-7-71

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 26 May 71

INDEXED I. GALLI DATE

FIG. 4114 FG. 130

T=84 | F.B. 4114 PG. 131

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

SURVEY BY Randall WEATHER Clear INST. NO 75234

NOTES BY Rodriguez DATE 24 May 71 TIME 0:10:45 ROD NO 1713AB

INDEXED C. J. GALLI DATE NOTES CHKD RCB DATE 6-7-71

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM42-3A TO BM42-3C
BM42-3A									
1	261	345	562 5	284 238 46	17	127	318 5	1/2 40 17 46	BM 42-3A
									7th Av. @ U.P.R.R.
2	291	343	592 5	1/2 291 268 46	42	235	343 5	64 20 44	F.B. 3713-61
	+ 552	688	✓	✓ 92	59	362	✓	90	✓ ⊼ Peterson
	- 59	362						92	✓
BM42-36	+ 493	326	✓					182	BM 42-3C
									7th AV @ Clark
									F.B. 3713-62

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 42-3C	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 42-3C TO BM 42-3A
1.	73	897	374	5	94 52	42	293	153	594	5	1/2 293 273	40	BM 42-3C
													7TH AV @ Clark
2	23	109	324	5	1/2 48 23	50	297	207	598	5	1/2 297 272	50	F. ~~TB~~ 3713-62
						92						90 ✓	
3				6						5		92	⊼ PETERSON
	+97	006 ✓					-590	360 ✓				182 ✓	
BM 42-3A							+97	006					BM 42-3A
							-493	354 ✓					7th av. @ U.P.R.R.
													FB 3713-61

T = 70°

WEATHER Overcast INST. NO. 7523

TIME 0:10:30 ROD NO. 1713A

NOTES CHKD RCB DATE 6-7-71

F.B. 4114 PG. 132 JOB NO. 0301.02

SURVEY OF L.A. Ca Precise Level Net

SURVEY BY Randall NOTES RODRIGUEZ 26 May 71

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY RANDALL

NOTES BY PETERSON DATE 5-24-71

INDEXED [illegible] GALL DATE

WEATHER Clear-Calm

TIME 11:05

NOTES CHKD RCB

INST. NO 25234

ROD NO. 1713A-B

DATE 6-7-71

F.B. 4114 PG. 133

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 42-3C									FROM BM 42-3C TO BM 42-4A
1	265	371	566 5	288 244 42	22	103	323 5	(½) 43 22 42	BM 42-3C
									7TH AVE & CLARK
2	299	332	600 5	(½) 299 277 44	15	930	316 5	(½) 38 15 46	F.B. 3713-62
				86				88	
3	264	382	565 5	286 242 44	27	530	328 5	48 6 42	
				130				130	⊼ ANDERSON
4	261	293	562 5	285 237 48	36	428	337 5	60 12 48	
				178				178	
5	202	030	503 5	220 184 36	76	477	377 5	94 58 36	
	+ 1292	408 ✓		~ 214	178	468 ✓		~ 214	BM 42-4A
	- 178	468						214	7TH AVE & GALE
	+ 1113	940 ✓						~ 428	F.B. 3713-63

PLEASE RETURN TO

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 42-4A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 42-4A TO BM 42-3C
1	31	039	332	5	50 / 72	38	250	425	551	5	269 / 231	38	BM 42-4A
													GALE & 7TH AVE
2	77	464	378	5	99 / 55	44	255	325	556	5	277 / 233	44	F.B. 3713-63
						82						82	
3	22	272	323	5	42 / 62	40	257	728	558	5	277 / 237	40	⊼ ANDERSON
						122						122	
4	21	452	322	5	42 / 0	42	254	368	555	5	275 / 233	42	
						164						164	
5	19	138 / ~~071~~	320	5	(½) 40 / 19	42	270	969	571	5	291 / 249	42	
						206						206	
6	142	562	443	5	144 / 140	4	139	344	440	5	141 / 137	4	
+	313	927 ✓			✓	210	1428	159 ✓				210 ✓	
B.M.42-3C							+ 313	927				210	
							1114	232 ✓				420 ✓	
													B.M. 42-3C
													7TH AVE & CLARK
													F.B. 3713-62

T=62

F.B. 4114 PG. 134 JOB NO. 630/102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON

INDEXED J. GALLI DATE

WEATHER CLOUDY INST. NO. 75234

TIME 9:50 ROD NO. 1713 A-B

NOTES CHKD RCB DATE 6-7-71

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
									See pg. 1316 for Rerun 42-4A to 3C

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

SURVEY BY Connell WEATHER

NOTES BY DATE TIME INST. NO.

INDEXED DATE NOTES CHKD RCG DATE 6-7-71 ROD NO.

F.B. 414 PG. 135

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 42-4A TO BM 42-3C
1	14	642	315 5	(½) 55 14 42	255	753	556 5	276 234 42	BM 42-4A
									7TH AVE & GALE
2	57	710	358 5	80 34 46	245	772	546 5	268 222 46	F.B. 3713-63
				88				88	
3	30	675	331 5	48 12 36	241	753	542 5	259 223 36	⊼ ANDERSON
				124				124	
4	26	391	327 5	47 5 42	265	095	566 5	286 244 42	
				166				166	
5	32	460	333 5	50 14 36	252	418	553 5	270 234 36	
				202				202	
6	163	043	464 5	173 153 20	178	222	479 5	188 168 20	
	+ 324	921 ✓		✓ 222	-1439	013 ✓		222 ✓	
					+ 324	921		222	
B.M. 42-3C					-1114	092 ✓		444 ✓	
									B.M. 42-3C
									7TH AVE & CLARK
									F.B. 3713-62

T=60

F.B. 4114 PG. 136 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON

INDEXED [illegible] DATE

WEATHER CLOUDY INST. NO. 75234

TIME 8:10 ROD NO. 1713 A.D.

NOTES CHKD RCB DATE 6-7-77

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 42-4A									FROM BM 42-4A TO BM 42-5B
1	144	653	445 5	149 / 139 10	131	094	432 5	136 / 126 10	BM 42-4A
									7TH AVE & GALE
2	76	651	377 5	105 / 47 58	210	872	511 5	239 / 181 58	FB. 3713-63
				68				68	
3	74	912	375 5	103 / 45 58	217	070	518 5	246 / 188 58	⊼ ANDERSON
				126				126	
4	70	007	371 5	101 / 39 62	195	302	496 5	227 / 163 64	
				188				190	
5	57	400	358 5	86 / 28 58	211	872	512 5	240 / 182 58	
				246				248	
6	33	270	334 5	64 / 2 62	202	134	503 5	233 / 171 62	
				308				310	
7	74	108	375 5	104 / 44 60	191	512	492 5	221 / 161 60	
				368				370	
8	125	762	426 5	143 / 107 36	185	102	486 5	202 / 168 34	
+	656	763 ✓		404	1544	958 ✓		404 ✓	
B.M. 42-5B					656	763		404	
					888	195 ✓		808 ✓	B.M. 42-5B
									GALE AVE & 9TH
									FB 3713-65

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

SURVEY BY RANDALL

NOTES BY PETERSON DATE 5-24-71

INDEXED G. J. GALLI DATE

WEATHER Clear-Calm INST. NO. 75234

TIME 11:35 ROD NO. 1713 A.B.

NOTES CHKD RCB DATE 6-7-71

T=80

F.B. 4114 PG. 137

270

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM42-5B	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 42-5B TO BM 42-4A
1	193	090	494	5	216 / 170	46	109	930	410	5	132 / 86	46	BM 42-5B
													GALE AVE & 9TH AVE
2	210	132	511	5	245 / 175	70	74	885	375	5	108 / 40	68	FB 3713-65
						116						114	
3	240	220	541	5	275 / 205	70	47	260	348	5	83 / 11	72	⊼ ANDERSON
						186						186	
4	228	062	529	5	263 / 193	70	58	198	359	5	93 / 23	70	
						256						256	
5	214	649	515	5	247 / 181	66	75	030	376	5	108 / 42	66	
						322						322	
6	260	902	561	5	299 / 221	78	114	587	415	5	152 / 76	76	
						400						398	
7	142	618	443	5	145 / 139	6	121	748	422	5	125 / 117	8	
+	1489	673 ✓			✓	406	601	638 ✓				406 ✓	BM 42-4A
B.M.42-4A -	601	638										406	GALE AVE & 7TH AVE
+	888	035 ✓										812 ✓	FB. 3713-63

T=62

WEATHER CLOUDY INST. NO. 75234

TIME 9:15 ROD NO. 1713 A-B

NOTES CHKD RCB DATE 6-7-71

JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON

INDEXED C. J. GAM DATE

F.B. 4114 PG. 138

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM 42-5B	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 42-5B TO BM 42-5C
1	98	238	399 5	122 74 48	197	602	498 5	221 173 48	BM 42-5B
									GALE AVE & NINTH AVE
2	94	449	395 5	124 64 60	160	212	461 5	190 130 60	F.B. 3713-65
				108				108	
									⊼ ANDERSON
3	103	481	404 5	133 73 60	130	144	431 5	159 101 58	
				168				166	
4	110	552	411 5	139 81 58	128	270	429 5	157 99 58	
	+ 406	720 ✓		↘226	618	228 ✓		↘224	BM 42-5C
B.M 42-5C					+ 406	720		226	GALE AVE & TURNBULL CN RD
					209	508 ✓		↘450	F.B. 3713-68

201

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

SURVEY BY RANDALL WEATHER T= 86 F.B. 4114 PG. 139

NOTES BY PETERSON DATE 5-24-71 TIME 13:25 INST. NO. 75234

INDEXED [illegible] DATE NOTES CHKD RCB ROD NO. 1713A-B DATE 6-7-71

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M.42-5C									FROM B.M.42-5C TO B.M.42-5B
1	138	788	439 5	161 / 115 46	159	389	460 5	182 / 136 46	B.M. 42-5C
									GALE AVE. & TURNBULL CN.
2	148	933	449 5	182 / 114 68 / 114	141	202	442 5	177 / 105 72 / 118	RD.
									F.B. 3713-68
3	185	710	486 5	219 / 151 68 / 182	84	302	385 5	117 / 51 66 / 184	π ANDERSON
4	229	742	530 5	251 / 207 44	108	782	409 5	129 / 87 42	
	+ 703	173		226	- 493	675		226	
B.M.42-5B	- 493	675						226	
	+ 209	498						452	BM 42-5B
									GALE AVE AT 9TH AVE
									F.B. 3713-65

T = 60°

WEATHER CLOUDY & CALM INST. NO. 75234

TIME 8:55 ROD NO. 1713 B&B

NOTES CHKD RCB DATE 6-7-71

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON

INDEXED G. J. GALL DATE

F.B. 4114 PG. 140

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 42-5C													FROM B.M. 42-5C TO B.M. 42-6A
1	154	772	455	5	168 / 140	28	134	280	435	5	148 / 120	28	B.M. 42-5C
2	170	980	471	5	202 / 138	64	120	770	421	5	151 / 89	62	GALE AVE. & TURNBULL CN. RD. F.B. 3713-68
3	168	390	469	5	202 / 134	92 / 68	142	230	443	5	172 / 112	90 / 60	T = RODRIGUEZ
4	137	110	438	5	165 / 109	160 / 56	163 / ~~164~~	812	464	5	194 / 132	150 / 62	
5	133	652	434	5	168 / 98	216 / 70	161	759	462	5	199 / 123	212 / 76	
6	150	438	451	5	172 / 128	286 / 44	144	841	445	5	166 / 122	288 / 44	
+	915	342 ✓				330	867	692 ✓				332	
B.M. 42-6A	867	692										330	B.M. 42-6A
+	47	650 ✓										662	GALE AVE. & KWIS AVE. F.B. 3713-69

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

SURVEY BY J. RANDALL WEATHER CLEAR & CALM INST. NO. 75235

NOTES BY R. ANDERSON DATE 24-MAY '71 TIME 13:55 ROD NO. 1713A.

INDEXED R.J. RALLI DATE NOTES CHKD RCB DATE 6-7-71

T = 889 F.B. 4114 PG. 141

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

T = 60°

WEATHER Cloudy & Calm INST. NO. 75234
TIME 08:15 ROD NO. 1713 A&B
NOTES CHKD. RCB DATE 6-7-71

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M. 42-6A									From B.M. 42-6A To B.M. 42-5C
1	109	346	410 5	134 / 84 50	167	068	468 5	192 / 142 50	B.M. 42-6A
2	175	020	476 5	200 / 150 50	154	109	455 5	180 / 128 52	Gale Ave. & Kwis Ave. F.B. 3713-69
3	172	431	473 5	208 / 136 72	142	389	443 5	176 / 108 68	
4	164	681	465 5	191 / 137 54	178	510	479 5	206 / 150 56	T = Rodriguez
5	160	122	461 5	180 / 140 40	185	449	486 5	204 / 166 38	
6	147	618	448 5	182 / 112 70	149	248	450 5	184 / 114 70	
	+ 929	212		336	- 976	773		334	
B.M. 42-5C					+ 929	212		336	B.M. 42-5C
					- 47	561		670	Gale Ave. & Turnbull Can. Rd. F.B. 3713-68

F.B. 4114 PG. 142 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Anderson DATE

INDEXED W. J. GALL DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 42-6A									FROM B.M. 42-6A TO B.M. 38-13A
1	180	170	481 5	207 153 54	145	651	446 5	173 117 56	B.M. 42-6A
				207				171	GALE AVE. & KWIS AVE.
2	173	061	474 5	139 68	139	788	440 5	107 64	3713-69
				166 122		212		205 120	
3	142	372	443 5	118 48	180	~~9~~	481 5	155 50	⊼ = RODRIGUEZ
				222 170				160 170	
4	187	779	488 5	152 70	123	820	424 5	86 74	
				203 240				143 244	
5	178	660	479 5	153 50	119	891	420 5	95 48	
				224 290		NOTE		208 292	
6	205	430	506 5	186 38	191	492	492 5	174 34	
	+ 1067	472 ✓		328	900	854 ✓		326	
B.M. 38-13A	- 900	854						328	B.M. 38-13A
	+ 166	618 ✓						654	GALE AVE. & HACIENDA BLVD.
									F.B. 2888-167

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 24 - MAY '71

INDEXED ~~B.J. GALLI~~ DATE

WEATHER CLEAR & CALM INST. NO 75234

TIME 14:25 ROD NO 1713A

NOTES CHKD RCB DATE 6-7-71

7 - 88°

F.B. 4114 PG. 143

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 38-13A									FROM B.M. 38-13A TO B.M. 42-6A
1	134	062	435 5	166 102 64	187	082	488 5	218 156 62	B.M. 38-13A
				155				194	GALE AVE. & HACIENDA BLVD
2	132	699	433 5	109 46	170	801	471 5	146 48	F.B. 2888-167
				160 110				206 110	
3	137	350	438 5	114 46	182	231	483 5	158 48	
				179 156				167 158	T = RODRIGUEZ
4	157	928	458 5	135 44	144	909	445 5	121 46	
				178 200				206 204	
5	158	060	459 5	138 40	184	078	485 5	162 ~~34~~	44
				163 240				174 248	
6	141	278	442 5	119 44	155	902	456 5	136 38	
				160 284				166 286	
7	142	032	443 5	124 36	149	860	450 5	132 34	
				174 320				169 320	
8	166	940	467 5	158 16	161	920	462 5	153 16	
+	1170	349 ✓		336	1336	783 ✓		336	
B.M. 42-6A					+ 1170	349		336	B.M. 42-6A
					166	434 ✓		672	GALE AVE. & KWIS AVE.
									F.B. 3713-69

F.B. 4114 PG. 144 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE: 25-MAY'71 TIME 14:30 WEATHER CLEAR & LT. WIND INST. NO. 75234

INDEXED C. I. GALLI DATE NOTES CHKD RCB DATE 6-7-71 ROD NO. 1713 A.B

1 = 80°

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY V. RANDALL

NOTES BY R. ANDERSON DATE 25 - MAY '71

INDEXED B. J. GALLI DATE

WEATHER CLOUDY & CALM INST. NO. 75234

TIME 08:30 ROD NO. 1713A-B

NOTES CHKD RCB DATE 6-7-71

F.B. 4114 PG. 145

T = 62°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
B.M. 38-13A					167						157		FROM B.M. 38-13A TO B.M. 38-14A
1	154	~~669~~ 651	455	5	~~169~~ 141	(26) ~~28~~	144	798	445	5	131	26	B.M. 38-13 A
					113						212		GALE AVE. & HACIENDA BLVD.
2	92	920	393	5	71	42	191	722	492	5	170	42	F.B. 2888-167
					176	68					66	68	
3	150	602	451	5	124	52	41	832	342	5	16	50	
					278	120					26	118	
4	264	490	565	5	250	28	12	039	313	5	12 (1/2	28	
					280	148					53	146	π = RODRIGUEZ
5	267	672	568	5	254	26	40	228	341	5	27	26	
					249	174					104	172	
6	237	609	538	5	225	24	92	981	393	5	80	24	
					199	198					294	196	
7	185	989	486	5	171	28	294	242	595	5	279 1/2	30	
					23	226					280	226	
8	21	150	322	5	19	4	277	138	578	5	274	6	
					59	230					249	232	
9	55	100	356	5	53	(4) ~~26~~	247	662	548	5	245	4	
					54	234					285	236	
10	52	762	353	5	50	4	283	820	584	5	281	4	243
					78	238	231	971	532	5	~~230~~	240	219
11	67	870	368	5	56	22	~~211~~	~~072~~	~~512~~	~~5~~	~~192~~	24	
					278	260					114	264	
12	245	432	546	5	212	66	83	430	384	5	52	62	
	+ 1796	247				326	- 1941	863				326	
B.M. 38-14A							+ 1796	247				326	B.M. 38-14 A
							- 145	616	1941.863			652	HACIENDA BLVD. & SAN JOSE CR. BR. N.W. COR. - LOWER BR. F.B. 1359-20

242

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER 13 T = 86° INST. NO.

TIME 1310 ROD NO.

NOTES CHKD RCB DATE 6-7-11

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
B.M.38-14A									FROM B.M.38-14A TO B.M.38-13A
1	44	749	345 5	7½ 64	265	891	566 5	297 233 64	B.M.38-14A
2	139	889	440 5	167 111 56	194	831	495 5	219 169 50	HACIENDA BLVD. & SAN JOSE CREEK BR.-N.W.COR.-LOWER BR.
3	242	240	543 5	259 225 34	17	231	318 5	36 17 114 38	F.B. 1359-20
4	301	201	602 5	301 284 ½ 154 34	9	602	310 5	24 9 ½ 152 30	
5	284	630	585 5	295 273 188 22	13	368	314 5	26 13½ 182 26	T = RODRIGUEZ
6	299	109	600 5	299 285 ½ 210 28	53	518	354 5	67 39 208 28	
7	249	658	550 5	278 220 238 58	92	678	393 5	123 61 236 62	
8	64	068	365 5	92 36 296 56	300	422	601 5	300 274½ 298 52	
9	14	931	315 5	32 14 ½ 352 36	291	410	592 5	291 274½ 350 34	
10	30	308	331 5	42 18 388 24	266	352	567 5	280 252 384 28	
11	36	781	337 5	65 7 412 58	151	970	452 5	178 124 412 54	
12	208	771	509 5	238 178 470 60	113	338	414 5	~~148~~ 146 ~~78~~ 80 66	
	+ 1916	335		530	- 1770	611		532	
B.M.38-13A	- 1770	611						530	B.M.38-13A.
	+ 145	724						1062	PALE AVE. & HACIENDA BLVD. F.B. 2888-167

F.B. 4114 Pg. 146

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

SURVEY BY O. J. GALLI NOTES

INDEXED DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
B.M. 38-14A													FROM B.M. 38-14A TO B.M. 11-114A
1	59	781	360	5	85 / 33	52	256	359 / 359	557	5	282 / 230	52	BM 38-14A
													Hacienda @ San Jose Cr. Bridge
2	130	193	431	5	161 / 99	62	203	253	504	5	235 / 171	64	F.B. 2888-167
						114						116	
3	102	625	403	5	131 / 73	58	150	171	451	5	179 / 121	58	⊼ Peterson
						172						174	
4	165	675	466	5	196 / 134	62	138	781	439	5	168 / 108	60	
						234						234	
5	190	083	491	5	214 / 166	48	173	471	474	5	197 / 149	48	
						282						282	
6	185	951	486	5	210 / 160	50	134	763	435	5	159 / 109	50	
						332						332	
7	175	899	474	5	199 / 151	48	89	599	390	5	114 / 64	50	
						380						382	
8	142	691	443	5	146 / 138	08	135	391	436	5	138 / 132	06	
+	1152	898 ✓				388	1281	788 ✓				388 ✓	
							1152	898				388 ✓	
BM 11-114A							128	890 ✓				776	BM 11-114A
													Hacienda @ S.P.R.R.
													F.B. 1376-101

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 25 May 71

INDEXED ~~B.J. GALL~~ DATE

WEATHER Clear

TIME 0:9:50

NOTES CHKD RCB

INST. NO. 7523

ROD NO. 113AC

DATE 6-7-71

T=68

F.B. 4114 PG. 147

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM11-114A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM11-114A TO BM38-14A
1	96	643	397	5	176 / 96	40	184	841	485	5	204 / 164	40	BM 11-114A
													Hacienda @ S.P.R.R.
2	128	567	429	5	156 / 100	56	185	477	486	5	215 / 155	60	F.B 1376-101
						96						100	
3	144	215	445	5	171 / 117	54	136	721	437	5	162 / 110	52	⊼ PETERSON
						150						152	
4	121	189	422	5	149 / 93	56	163	813	464	5	191 / 135	56	
						206						208	
5	147	127	448	5	172 / 122	50	147	271	448	5	172 / 122	50	
						256						258	
6	218	479	519	5	239 / 197	42	140	581	441	5	160 / 120	40	
						298						298	
7	178	831	479	5	199 / 157	42	98	059	399	5	120 / 76	44	
						340						342	
8	221	483	522	5	242 / 200	42	71	325	372	5	92 / 50	42	
	+ 1256	534 ✓				✓ 382	1128	088 ✓				✓ 384	
	- 1128	088										382	
BM 38-14A	+ 128	446 ✓										✓ 766	BM 38-14A
													Hacienda @ San Jose Cr.
													Bridge
													FB 2888-167

F.B. 4114 PG. 148 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 25 May 71

INDEXED R. J. GALLI DATE

WEATHER Clear T=68 INST. NO 25234

TIME 0:11:00 ROD NO 1713AB

NOTES CHKD RCB DATE 6-7-71

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY Randall WEATHER Clear INST. NO 75234

NOTES BY Rodriguez DATE 1 JUNE 71 TIME 13:30 ROD NO. 1713 AB

INDEXED [illegible] DATE NOTES CHKD RMB DATE 6-7-71

T=74 F.B. 4114 PG. 149

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM 38-14A													FROM BM38-14A TO BM 11-114A
1.	73	215	374	5	95 / 51	44	238	451	539	5	259 / 217	42	BM 38-14A
													Hacienda @ San Jose
2.	107	681	408	5	136 / 78	58	176	317	477	5	206 / 146	60	Bridge CR.
						102						102	F.B. 1359-20
3	106	539	407	5	126 / 86	40	212	443	513	5	232 / 192	40	π Peterson
						142						142	Rerun
4	173	245	474	5	199 / 147	52	165	787	466	5	192 / 138	54	
						194						196	
5	182	997	483	5	205 / 159	46	139	473	440	5	161 / 117	44	
						240						240	
6	163	773	464	5	179 / 147	32	164	425	465	5	182 / 146	36	
						272						276	
7	173	325	473	5	201 / 145	56	107	485	408	5	133 / 81	52	
						328						328	
8	152	473	453	5	175 / 129	46	116	269	417	5	138 / 94	44	
						374						372	
9	190	955	491	5	199 / 181	18	132	353	433	5	121 / 143	22	
	+1324	203				392	-1453	003				394	
							+1324	203				392	
BM11-114A							- 128	800				786	BM 11-114A
													Hacienda @ U.S.P.R.R.
													F.B 1376-101

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 11-114A									FROM BM 11-114A TO BM 38-14A
1	84	295	385 5	173 55 58	188	043	489 5	217 159 58	BM 11-114A
									Hacienda @ U.P.R.R.
2	124	381	425 5	153 95 58	190	227	491 5	218 162 56	F.B. 1376-101
				116				114	⊼ PETERSON
3	162	671	463 5	197 127 70	167	361	468 5	202 132 70	RERUN
				186				184	
4	142	279	443 5	175 109 66	150	935	451 5	183 117 66	
				252				250	
5	223	491	524 5	252 194 58	127	967	428 5	156 98 58	
				310				308	
6	180	127	481 5	206 154 52	55	465	356 5	81 29 52	
				362				360	
7	193	687	494 5	205 181 24	102	341	403 5	115 89 26	
	+ 1110	931 ✓		386	982	339 ✓		386	
	- 982	339						386	
BM 38-14A	+ 128	592 ✓						772	BM 38-14A
									Hacienda @ San Jose
									Bridge CR.
									F.B. 1359-20

F.B. 4114 Pg. 150

JOB NO. 0301.02

SURVEY OF L.A.CO. Precise Level Net.

SURVEY BY Randall NOTES Rodriguez 1 June 71

INDEXED U. J. GALLO DATE

WEATHER Clear INST. NO. 75234

TIME 14:45 ROD NO. 1713 AB

NOTES CHKD RCB DATE 6-7-71

T= 72°

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN0301.02 Tape — Std. — °F
Office Work	Surveyed by Randall
Checked	Notes " Date Jun-71
Date	Indexed [illegible] JUL 18 71

F.B. 4114 PG. 171

LOS ANGELES COUNTY

PRECISE LEVEL NET

LINE Nº 14

J.N. 0301.02

JUNE 1971

REFERENCES

F.B. 1376
1379
2880
2891
3709
3712

PARTY

RANDALL
ANDERSON
PETERSON, T.C.
RODRIGUEZ, R.J.
LOVE

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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26F3093 CE#310 1-65

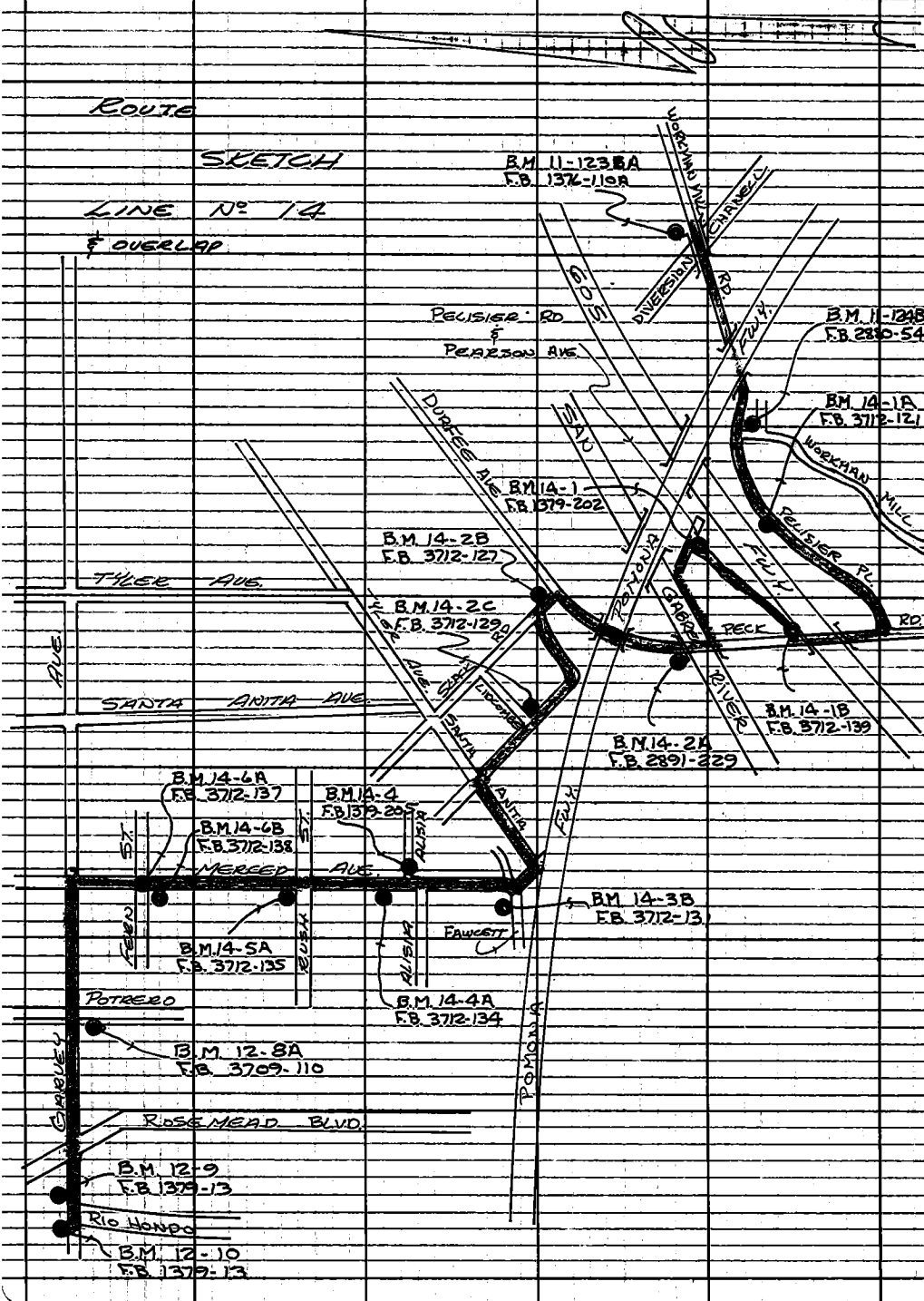
F.B. 4114 PG. 172

ROUTE

SKETCH

LINE No. 14

℄ OVERLAP



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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDALL
NOTES BY PETERSON DATE 6-2-71
INDEXED G. J. GANN DATE JUN 18 '71
WEATHER CLOUDY
TIME 10:50
NOTES CHKD
DATE
INST. NO 75234
ROD NO 173 Ar
F.B. 4114 PG. 173
T=66

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	144	831	445 5	149 139 10	174	427	475 5	204 144 60	60 M- 10 M= 50 M=0.20 mm
2	135	460	436 5	140 130 10	105	838	406 5	135 75 60	60 M- 10 M= 50 M=0.20 mm
	280	291		20	280	265		120	
	280	225							
	+	066			-0.40mm			20	Curvature Corr.=0.40 mm
					280	225		100	
					-				⊼ ANDERSON
	+	0.006	mm= "C"						
	100/0.660								
							mm= "C"		

76P526B CE # 308 8/68

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

SURVEY BY Randall WEATHER overcast INST. NO 75239

NOTES BY Rodriguez DATE 3 June 71 TIME 0:8:00 ROD NO 1713 AB

INDEXED B. J. GAULT DATE JUN 18 71 NOTES CHKD DATE

F.B. 4114 PG. 175

T = 68°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	145	547	446 5	150 140 10	118	793	419 5	148 88 60	60 M- 10 M= 50 M=0.20 mm
2	154	995	455 5	159 149 10	181	725	482 5	211 151 60	60 M- 10 M= 50 M=0.20 mm
	300	542		20	300	518		120	
	300	478						-20	
	+	0.64			-0.40mm			100	Curvature Corr.=0.40 mm
					300	478			T Peterson
					-				
	+	0.0064	mm= "C"						
	100	0.640							
		600							
					-		mm= "C"		

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDALL
NOTES BY PETERSON DATE 6-4-71 WEATHER CLEAR
INDEXED G. J. GADIN DATE JUN 18 71 TIME 9:05 NOTES CHKD DATE
INST. NO. 75234 ROD NO. 1713 A.E.
F.B. 4114 PG. 177
T=68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	153	448	454 5	158 148 10	134	670	435 5	164 104 60	M- M= M=0.20 mm
2	134	668	435 5	139 129 10	153	530	454 5	183 123 60	M- M= M=0.20 mm
	288	116		20	288	200		120	
								20	
	+				-0.40 mm			100	Curvature Corr.=0.40 mm
					288	160			
					288	116			
					- 0	044			

mm= "C"

/

0.004 mm= "C"
100/0.44

76P526B CE # 308 8/68

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

SURVEY BY Randall

NOTES BY [illegible] DATE 7-June-71

INDEXED E. J. GADD DATE JUN 18 '71

WEATHER overcast-Calm

TIME 08:45

NOTES CHKD

INST. NO. 75234

ROD NO. 17/3.4

DATE

T= 64°

F.B. 4114 PG. 179

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	147	198	448 5	152 / 142 10	148	372	449 5	178 / 118 60	60 M- 10 M= 50 M=0.20 mm
2	139	152	440 5	144 / 134 10	138	008	439 5	168 / 108 60	60 M- 10 M= 50 M=0.20 mm
	286	350		20	286	380		120	
	286	340				-0.40 mm		20	
	+	010			-0. mm			100	=Curvature Corr.=0.40mm
					286	340			
					-				
			.001 mm= "C"						
	100	0.10							
							mm= "C"		

76P526B CE # 308 8/68

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 8-JUNE '71 WEATHER OVERCAST & CALM INST. NO 75234

INDEXED G. J. GALLO DATE JUN 18 71 TIME 08:10 ROD NO 1713 A-A

NOTES CHKD DATE

F.B. 4114 PG. 181

T = 64'

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								T = RODRIGUEZ
	NEAR ROD				FAR ROD				
1	163	800	464 5	168 / 158 10	202	099	503 5	232 / 172 60	60 M- 10 M= 50 M=0.20 mm
2	157	870	458 5	162 / 152 10	119	672	420 5	149 / 89 60	60 M- 10 M= 50 M=0.20 mm
	321	670		20	321	771		120	
	~~321~~							-20	
	+				-0.40 mm			100	Curvature Corr.=0.40 mm
					321	731			
					321	670			
					-	0.61			
				mm= "C"					
	1								
					-	0.006 mm = "C"			
					100	0.610			

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY J. RANDALL WEATHER CLOUDY & CALM INST. NO. 75234

NOTES BY R. ANDERSON DATE 9 - JUNE '71 TIME 08:15 ROD NO. 1713 #6

INDEXED G. J. GALLO DATE JUN 18 '71 NOTES CHKD. DATE

T = 64° F.B. 4114 PG. 183

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								T = RODRIGUEZ
	NEAR ROD				FAR ROD				
1	146	330	447 5	151 / 141 10	99	940	400 5	129 / 69 60	60 M- 10 M= 50 M=0.20 mm
2	163	550	464 5	168 / 158 10	210	041	511 5	240 / 180 60	60 M- 10 M= 50 M=0.20 mm
	309	880		20	309	981		120	
								-20	
	+				-0.40 mm			100	Curvature Corr.=0.40 mm
					309	941			
					309	880			
					-	0.61			

1 mm= "C"

- 0.006 mm= "C"
100 / 0.610

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY J. RANDALL WEATHER CLOUDY & CALM INST. NO. 7523

NOTES BY R. ANDERSON DATE 10 - JUNE '71 TIME 08:20 ROD NO. 1713 A-B

INDEXED L. J. GALLI DATE 1 JUN 18 71 NOTES CHKD. DATE

F.B. 4114 PG. 185

T ~ 60°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								π = RODRIGUEZ
	NEAR ROD				FAR ROD				
1	153	680	454 5	158 / 148 10	107	318	408 5	137 / 77 60	60 M- 10 M= 50 M=0.20 mm
2	153	878	454 5	158 / 148 10	200	352	501 5	230 / 170 60	60 M- 10 M= 50 M=0.20 mm
	307	558		20	307	670		120	
								- 20	
	+				-0.40 mm			100	Curvature Corr.=0.40 mm
					307	630			
					307	558			
					-	0.72			
				mm= "C"					
					- 0.007 mm= "C"				
					100 / 0.720				

76P526B CE # 308 8/68

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		
2-10													FROM BM 12-10 TO BM 12-9
1	205	108	506	5	237 / 178	54	136	302	437	5	164 / 108	56	BM 12-10
													GARVEY AVE & RIO HONDO RIVER BR
2	89	662	390	5	112 / 66	46	223	712	524	5	246 / 200	46	FB 1379-13
	+294	770				100	360	014				102	
							+294	770				100	ANDERSON
12-9							+65	244				202	
													BM 12-9
													GARVEY AVE & RIO HONDO RIVER BR
													FB. 1379-13

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

SURVEY BY RANDALL

NOTES BY PETERSON DATE 6-8-71 WEATHER CLOUDY INST. NO 7523K

INDEXED J. GANG DATE JUN 18 71 TIME 13:15 ROD NO 1713 A.

NOTES CHKD BLANCHARD DATE JUN 2 9 71

T=70

F.B. 4114 PG. 187

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
12-9	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 12-9 TO BM 12-10
1	220	773	5215	243 / 197 46	86	698	3875	110 / 62 48	BM 12-9
									GARVEY AVE & RIO HONDO RIVER BR
2	133	670	4345	161 / 105 56	202	562	503 5	230 / 174 56	FB. 1379-13
	+354	443		102	289	260		104	⊼ ANDERSON
	-289	260						102	
12-10	+65	183						206	BM 12-10
									GARVEY AVE & RIO HONDO RIVER BR
									FB 1379-13

F.B. 4114 PG. 188

JOB NO. 030102 T=70

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON

INDEXED L. GALLI DATE

WEATHER CLOUDY INST. NO. 7523

TIME 13:30 ROD NO. 17B

NOTES CHKD DATE

76P526 CE # 308 3-65

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M. 12-9	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 12-9 TO BM 12-8A
1	45	573	346 5	62 / 28 34	233	942	534 5	251 / 215 36	BM 12-9
2	117	695	418 5	152 / 82 70 / 104	102	675	403 5	141 / 63 78 / 114	GARVEY & RIO HONDO RIVER BRIDGE F.B. 1379-13
3	155	176	456 5	192 / 118 74 / 178	114	382	415 5	146 / 82 64 / 178	⊼ ANDERSON
4	157	651	458 5	196 / 118 78 / 256	113	302	414 5	151 / 75 76 / 254	
5	163	002	464 5	198 / 128 70 / 326	118	942	419 5	153 / 83 70 / 324	
6	165	410	466 5	202 / 128 74 / 400	111	108	412 5	148 / 74 74 / 398	
7	165	112	466 5	200 / 130 70 / 470	114	490	415 5	149 / 79 70 / 468	
8	163	992	464 5	196 / 130 66 / 536	102	843	403 5	134 / 70 64 / 532	
9	151	632	452 5	157 / 145 12	172	911	473 5	179 / 165 14	
+	1285	243 ✓		548 ✓	1184	595 ✓		546 ✓	
B.M. 12-8A -	1184	595						548	
+	100	648 ✓						1094 ✓	BM 12-8A GARVEY AVE & POTRERO AVE, F.B. 3709-110

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

SURVEY BY RANDALL

NOTES BY PETERSON DATE 6-2-71

INDEXED G. G. GALLI DATE JUN 18 '71

WEATHER CLOUDY

TIME 9:50

NOTES CHKD

INST. NO. 75234

ROD NO. 1713 AB

DATE

T=66

F.B. 4114 PG. 189

315

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
12-8A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 12-8A TO BM 12-9
1	148	733	449	5	175 121	54	164	822	465	5	191 137	54	BM 12-8A
													GARVEY AVE & POT RERO AVE
2	109	852	410	5	145 73	72	160	842	461	5	195 125	70	F.B. 3709-110
						126						124	
3	107	584	408	5	143 71	72	159	544	460	5	195 123	72	π ANDERSON
						198						196	
4	109	482	410	5	144 74	70	153	193	454	5	187 119	68	
						268						264	
5	113	492	414	5	148 78	70	165	061	466	5	202 128	74	
						338						338	
6	120	949	421	5	157 83	74	166	682	467	5	202 130	72	
						412						410	
7	124	938	425	5	158 90	68	155	498	456	5	192 118	74	
						480						484	
8	123	832	424	5	153 93	60	17	325	318	5	(1) 46 17	58	
						540						542	
9	177	163	478	5	191 163	28	93	750	394	5	106 80	26	
	+1136	025				568	1236	717				568	
12-9							+1136	025				568	
							-100	692				1136	
													BM 12-9
													GARVEY AVE & RIO HONDO RIVER BR
													F.B. 1379-13

T=66

F.B. 4114 PG. 190 JOB NO. D301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON

INDEXED J. GALLI DATE

WEATHER CLOUDY INST. NO. 75234

TIME 10:30 ROD NO. 1713 A.B

NOTES CHKD. DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 12-8A TO BM 14-6A
1	189	058	490 5	202 176 26	123	588	424 5	136 110 26	BM 12-8A
2	173	126	474 5	208 138 70	124	349	425 5	161 87 74	GARVEY AVE & POTRERO AVE
									F.B. 3709-110
3	171	498	472 5	204 138 66 ?	81 ~~89~~	318 ~~902~~	382 5 ~~390 5~~	114 ~~117~~ ~~61~~ 48 ? ~~66~~	
				136				140	⊼ ANDERSON
4	191	878	492 5	227 155 72	147	578	448 5	180 114 66	
				208				206	
5	131	611	432 5	152 110 42	150	482	451 5	173 127 46	
				250				252	
6	105	122	406 5	140 70 70	191	402	492 5	225 157 68	
				320				320	
7	118	022	419 5	131 105 26	159	382	460 5	172 146 26	
				346				346	
8	145	600	446 5	156 134 22	187	463	488 5	198 176 22	
+	1225	915 ✓		~~368~~	1165	562 ✓		~~368~~	
-	1165	562		394 ✓				~~368~~	
+	60	353 ✓						~~736~~	BM 14-6A
B.M. 14-6A								394	MERCED AVE & FERN (LINT)
								394	F.B. 3712-137
								788 ✓	

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

SURVEY BY RANDALL

NOTES BY PETERSON DATE 6-2-71

INDEXED [illegible] DATE JAN 18 71

WEATHER CLOUDY

TIME 11:00

NOTES CHKD. DATE

INST. NO. 75234

ROD NO. 1713 A

T=66

F.B. 4114 PG. 191

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
14-6A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 14-6A TO B.M. 12-8A
1	216	501	517	5	251 / 181	70	96	580	397	5	130 / 62	68	BM 14-6A
													MERCED AVE & FERN (INT)
2	174	663	475	5	206 / 142	64	123	262	424	5	159 / 87	72	F.B. 3712-137
						134						140	
3	158	779	459	5	188 / 128	60	136	545	437	5	163 / 109	54	π ANDERSON
						194						194	
4	104	082	405	5	131 / 77	54	175	572	476	5	202 / 148	54	
						248						248	
5	79	572	380	5	116 / 42	74	154	592	455	5	190 / 118	72	
						322						320	
6	114	163	415	5	145 / 83	62	157	113	458	5	188 / 126	62	
						384						382	
7	105	952	406	5	131 / 79	52	170	842	471	5	196 / 144	52	
	+953	712 ✓				436 ✓	-1014	506 ✓				434 ✓	
12-8A							+953	712				436	
							-60	794 ✓				870 ✓	
													B.M. 12-8A
													GARVEY AVE & POTRERO AVE
													F.B. 3709-110

T=64°

F.B. 4114 PG. 192 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON

INDEXED J. GALLI DATE

WEATHER CLOUDY INST. NO. 75234

TIME 9:45 ROD NO. 1713 A.B.

NOTES CHKD. DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

RERUN

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
12-8A									FROM BM 12-8A TO BM 14-6A
1	188	020	489 5	204 / 172 32	114	652	415 5	130 / 98 32	BM 12-8A
									GARVEY AVE & POTRERO
2	158	708	459 5	195 / 121 74	113	348	414 5	151 / 75 76	F.B. 3709-110
				106				108	
3	185	232	486 5	222 / 148 74	78	993	379 5	115 / 41 74	⊼ ANDERSON (RERUN)
				180				182	
4	168	887	470 5	190 / 148 42	140	652	441 5	162 / 118 44	
				222				226	
5	123	469	424 5	156 / 90 66	152	998	453 5	187 / 117 70	
				288				296	
6	95	230	396 5	128 / 62 66	182	060	483 5	211 / 153 58	
				354				354	
7	120	750	421 5	141 / 99 42	172	759	473 5	193 / 151 42	
				396				396	
8	141	390	442 5	148 / 134 14	166	363	467 5	173 / 159 14	
+	1182	686 ✓		410	1121	825 ✓		410 ✓	
14-6A -	1121	825						410	
+	60	861 ✓						820 ✓	
									BM 14-6A
									MERCED & FERN (℄ INT)
									F.B. 3217-137

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDALL
NOTES BY PETERSON DATE 9 JUNE 71
INDEXED [illegible] DATE JUN 18 '71
WEATHER CLOUDY INST. NO. 75234
TIME 8:05 ROD NO. 1713A
NOTES CHKD BLANCHARD DATE JUN 29 '71

T=64°

F.B. 4114 PG. 193

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

RERUN

INST. NO. 75234 ROD NO. 1713A DATE JAN 29 71

WEATHER CLOUDY TIME 14:30 NOTES CHKD BLANCHARD

T=70

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA	FORESIGHT RIGHT	MIC.	LEFT.		STADIA	DESCRIPTION AND REMARKS
14-6A											FROM BM 14-6A TO BM 12-8A
1	213	895	514	5	204 179 68	93	083	394	5	128 58 70	BM 14-6A MERCED & FERN (6 INT)
2	171	818	472	5	203 139 64	122	258	423	5	155 89 66	F.B. 3712-137
					132					136	
3	168	438	469	5	196 140 56	137	503	438	5	162 112 50	⊼ ANDERSON (RERUN)
					188					186	
4	107	205	408	5	140 74 66	187	478	488	5	222 152 70	
					254					256	
5	83	158	384	5	118 48 70	154	952	455	5	189 119 70	
					324					326	
6	117	900	418	5	151 83 68	173	258	474	5	206 140 66	
					392					392	
7	134	598	435	5	148 120 28	189	148	490	5	203 175 28	
	+ 997	012 ✓			420 ✓	1057	680 ✓			420 ✓	
						- 997	012			420	
12-8A						- 60	668 ✓			840 ✓	
											BM 12-8A GARVEY AVE & POTRERO F.B. 3709-110

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON

INDEXED B.J. GALLI DATE

JOB NO. 0301.02

F.B. 4114 PG. 19 54

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
B.M.14-6A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 14-6A TO BM 14-6B
1	170	368	471 5	177 163 14	164	390	465 5	171 157 14	BM 14-6A
								14	MERCED AVE & FERN ST
								28 ✓	F.B. 3712-137
+	170	368 ✓			164	390 ✓			
-	164	390							π ANDERSON
+	5	978 ✓							
B.M.14-6B									BM. 14-6B
									MERCED AVE & FERN ST.
									F.B. 3712-138

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 68

SURVEY BY RANDALL

NOTES BY PETERSON DATE 6-2-71

INDEXED B. J. GARD DATE JUN 18 71

WEATHER CLOUDY INST. NO. 75234

TIME 11:45 ROD NO. 1713 AVE

NOTES CHKD DATE

F.B. 4114 PG. 195 196

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M.14-6B	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 14-6B TO BM 14-6A
1	159	412	460	5	166 152	14	165	409	466	5	172 158	14	BM 14-6B
												14	MERCED AVE & FERN ST
												28	F.B. 3712-138
	+ 159	412					- 165	409					
B.M.14-6A							+ 159	412					⊼ ANDERSON
							- 5	997					
													BM 14-6A
													MERCED AVE & FERN ST
													F.B. 3712-137

F.B. 4114 PG. 196 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 2-Jun-71

INDEXED [illegible] GALLI DATE

WEATHER CLOUDY INST. NO. 75234

TIME 11:50 ROD NO. 1713 AVE

NOTES CHKD [illegible] DATE [illegible]

T = 68

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY V. P. ANDERSON DATE 2 - JUNE '71 WEATHER CLOUDY & CALM INST. NO. 75234

NOTES BY R. ANDERSON TIME 13:05 ROD NO. 173 Rod

INDEXED B. G. CARTER DATE JUN 18 71 NOTES CHKD DATE

F.B. 4114 Pg. 197

T = 70°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
B.M.14-6B													FROM B.M. 14-6B TO B.M. 14-5A
1	142	520	443	5	159 126	32	199	592	500	5	218 180	38	B.M. 14-6B.
					141	60					180		Merced @ Fern
2	111	142	412	5	111 1/2	~~30~~	154	530	455	5	128	52	F.B. 3712-138
					166	92					208	90	
3	130	199	431	5	94	72	174	868	475	5	140	68	
					184	164					205	158	T = RODRIGUEZ
4	154	879	455	5	124	60	171	579	472	5	137	68	
					170	224					190	226	
5	143	891	444	5	116	54	163	599	464	5	136	54	
					170	278					210	280	
6	141	630	442	5	112	58	181	078	482	5	152	58	
					186	336					194	338	
7	171	638	472	5	156	30	169	402	470	5	154	30	
					166	366					169	368	
8	161	798	462	5	156	10	164	929	465	5	159	10	
	+1157	697 ✓				376	+1379	577 ✓				378 ✓	
B.M.14-5A							+1157	697				376	B.M. 14-5A
							-221	880 ✓				754 ✓	MERCED & RUSH N.W. COR.
													F.B. 3712-135

200

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY RANDALL NOTES ANDERSON DATE 1-8-1994

INDEXED B.J. GARD DATE

WEATHER OVERCAST/CALM INST. NO. 75234

TIME 08:55 ROD NO. 1713 A&B

NOTES CHKD DATE

T-646

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
B.M.14-5A													From B.M.14-5A To B.M.14-6B
1	158	861	458	5	176 140	36	140	962	441	5	159 121	38	B.M.14-5A
					188						178		MERCED AVE. & RUSH ST.
2	157	511	458	5	126	62	146	391	447	5	114	64	F.B. 3712-135 N.W.COR.
					202	98					180	102	
3	172	788	473	5	142	60	150	198	451	5	120	60	
					193	158					162	162	T = RODRIGUEZ
4	161	440	462	5	129	64	132	961	433	5	102	60	
					199	222					179	222	
5	168	529	469	5	137	62	146	979	447	5	113	66	
					218	284					143	288	
6	183	900	484	5	148	70	113	642	414	5	83	60	
					175	354					147	348	
7	165	369	466	5	155	20	134	620	435	5	121	26	
					176	374					157	374	
8	167	660	468	5	158	18	148	520	449	5	139	18	
	+ 1336	058				392	1114	273				392	
B.M.14-6B	- 1114	273										392	B.M.14-6B
	+ 221	785										784	MERCED AVE. & FERN ST.
													F.B. 3712-138 S.W.Cor.

F.B. 4144 PG. 198

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 2 - JUNE '71

INDEXED G. J. GALLI DATE JUN 18 '71

WEATHER CLOUDY & CALM INST. NO. 75234

TIME 13:50 ROD NO. 1713 A-B

NOTES CHKD DATE

T = 70°

F.B. 4114 PG. 199

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
B.M. 14-5A													FROM B.M. 14-5A TO B.M. 14-4A
1	142	291	443	5	174 / 110	64	145	241	446	5	177 / 113	64	B.M. 14-5A
2	127	778	428	5	157 / 97	60	221	461	522	5	251 / 191	60	MERCED & RUSH N.W. COR. F.B. 3712-135
3	112	870	413	5	147 / 77	124 / 70	189	128	490	5	224 / 154	124 / 70	
4	138	830	439	5	162 / 114	194 / 48	189	648	490	5	213 / 165	194 / 48	π = RODRIGUEZ
5	153	700	454	5	178 / 128	242 / 50	183	552	484	5	206 / 160	242 / 46	
6	150	840	451	5	154 / 146	292 / 8	195	368	496	5	202 / 188	288 / 14	
	+ 826	309				300	1124	398				302	
B.M. 14-4A							+ 826	309				300	B.M. 14-4A
							- 298	089				602	MERCED AVE., NO. OF ALESIA F.B. 3712-134

232

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 14-4A									FROM B.M. 14-4A TO B.M. 14-5A
1	215	202	516 5	248 / 182 66	135	500	436 5	168 / 102 66	B.M. 14-4A
2	188	700	489 5	224 / 152 72	126	802	427 5	162 / 90 72	MERCED AVE, NORTH OF ALESIA
3	203	921	504 5	238 / 168 70	92	640	393 5	127 / 57 70	F.B. 3712-134
4	187	110	488 5	230 / 144 86	149	010	450 5	192 / 106 86	
5	170	011	471 5	174 / 166 8	163	082	464 5	167 / 159 8	T = RODRIGUEZ
	+ 964	944		302	+ 667	034		302	
B.M. 14-5A	- 667	034						302	B.M. 14-5A
	+ 297	910						604	MERCED AVE. & RUSH ST.
									F.B. 3712-135' N.W. COR.

T = 640

4114 PG. 200 JOB NO. 0301.02

VEY OF L.A. CO. PRECISE LEVEL NET

VEY BY RANDALL NOTES ANDERSON DATE: 8-JUNE '17 WEATHER OVERCAST & CALM INST. NO. 75234

TIME 08:20 ROD NO. 1713 A-00

EXED [illegible] DATE NOTES CHKD DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 14-4A									FROM B.M. 14-4A TO B.M. 14-4
1	162	908	463 5	174 150 24	151	499	452 5	164 138 26	B.M. 14-4A
				141				179	MERCED AVE., NO. OF ALESIA
2	135	152	436 5	129 12	174	971	475 5	169 10	F.B. 3712-134
	+298	060 ✓		36 ✓	~~226~~	~~470~~		36 ✓	T = RODRIGUEZ
B.M. 14-4	- ~~226~~	~~470~~			-326	470 ✓		36	B.M. 14-4
	~~+ 71~~	~~590~~			+298	060		72 ✓	MERCED AVE. & ALESIA ST.
					- 28	410 ✓			F.B. 1379-205 (IN STREET)

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 2 - JUNE '71

INDEXED C. J. GALLI DATE JUN 18 '71

WEATHER CLOUDY & CALM TIME 14:25

NOTES CHKD STANCHARD DATE

INST. NO. 75239

ROD NO. 1713 A-B

T = 70°

F.B. 4114 PG. 201

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M.14-4	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.14-4 TO B.M.14-4A
													B.M.14-4
1	193	139	494	5	213 173	40	164	711	465	5	184 144	40	Merced @ Alesia
												40	F.B. 1379-205
2												80 ✓	⊼ PETERSON
+	193	139 ✓					- 164	711 ✓					B.M. 14-4A
B.M. 14-4A -	164	711					+ ~~193~~	~~139~~					
+	28	428 ✓					-						

T= 74°

WEATHER overcast INST. NO. 75234

TIME 15:00 ROD NO. 1713A-B

NOTES CHKD BLANCHARD DATE JUN 2 9 '71

F.B. 4114 PG. 202 JOB NO. 030162

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES JGR 7-JUN-71

INDEXED J. GALN DATE

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
B.M. 14-4													From B.M. 14-4 To B.M. 14-3B
1	166	389	467	5	190 142	48	173	381	474	5	198 148	50	B.M. 14-4
					+5 163						194		MERCED & ALESIA
2	134	578	435	5	165	58	164	001	465	5	139	60	F.B. 1379-205 (IN STREET)
					150	106					196	110	
3	131	832	432	5	112	38	175	370	476	5	154	42	π = RODRIGUEZ
					174	144	174	159	475		196	152	
4	146	719	447	5	118	56				5	132	44	
					181	200					219	196	
5	162	020	463	5	143	38	198	128	499	5	177	42	
					169	238					152	238	
6	167	661	468	5	165	4	150	799	451	5	148	4	
					146	242					157	242	
7	143	081	444	5	140	6	154	008	455	5	151	6	
	+ 1052	290				248	1189	846				248	
B.M. 14-3B							+ 1052	290				248	B.M. 14-3B
							- 137	556				496	MERCED AVE. & FAWCETT AVE.
													F.B. 3712-131

T = 68°

212

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

SURVEY BY J. RANDALL R. ANDERSON DATE 2-JUNE '71 WEATHER CLOUDY & COOL INST. NO. 78234

NOTES BY TIME 14:35 ROD NO. 1713A-B

INDEXED DATE JUN 18 71 NOTES CHKD DATE

F.B. 4114 PG. 223

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 14-3B	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 14-3B TO B.M. 14-4
1	149	331	450	5	152 / 146	6	138	431	439	5	141 / 135	6	B.M. 14-3B
													MERCED @ FAWCETT
2	170	913	471	5	198 / 142	56	149	959	450	5	178 / 120	58	F.B. 3712-131
						62						64	
3	185	707	486	5	216 / 154	62	124	817	425	5	156 / 92	64	⊼ PETERSON
						124						128	
4	171	751	472	5	201 / 141	60	135	239	436	5	164 / 106	58	
						184						186	B.M. 14-4
5	182	557	483	5	214 / 150	64	174	267	475	5	206 / 142	64	Merced @ Alesia
+	860	259 ✓				248	722	713 ✓				250 ✓	F.B. 1379-205
6 -	722	713		5						5		248	
B.M. 14-4 +	137	546 ✓										498 ✓	

T = 76°

WEATHER Overcast - Calm INST. NO. 75234

TIME 14:35 ROD NO. 1713A-B

NOTES CHKD SANCHARD DATE

F.B. 4114 PG. 204 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES JGR 7-Jun-'71

INDEXED [illegible] GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY Randall WEATHER Overcast INST. NO. 75234

NOTES BY Rodriguez DATE 3 June 71 TIME 0:9:00 ROD NO. 1713AB

INDEXED C. J. GALLO DATE JUN 18 71 NOTES CHKD. DATE

T=60°

F.B. 4114 PG. 205

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM14-3B									FROM BM14-3B TO BM14-2C
1	155	279	456 5	158 / 152 6	144	362	445 5	147 / 141 6	BM14-3B
									Mered @ Fawcett.
2.	144	617	445 5	148 / 140 08	166	633	467 5	170 / 162 08	F.B 3712-131
				14				14	⊼ Peterson
3	176	061	477 5	210 / 142 68	147	697	448 5	180 / 114 66	
				82				80	
4	219	053	520 5	253 / 185 68	159	137	460 5	192 / 126 66	
				150				146	
5	171	841	472 5	204 / 138 66	146	987	447 5	181 / 111 70	
				216				216	
6	178	157	479 5	210 / 146 64	127	033	428 5	161 / 93 68	
				280				284	
7	178	167	479 5	209 / 147 62	130	073	431 5	159 / 101 58	
				342				342	
8	79	013	380 5	105 / 53 52	191	883	492 5	217 / 165 52	
				394				394	
9	149	137	450 5	169 / 129 40	159	475	460 5	179 / 139 40	
	+ 1451	325 ✓		434 ✓	1373	280 ✓		434 ✓	
	- 1373	280						434	
BM14-2C +	78	045 ✓						868	BM14-2C
									Central @ Lidcombe Av.
									F.B. 3712-129

280

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M.14-2C	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.14-2C TO B.M.14-3B
1	162	773	463	5	188 / 136	52	144	063	445	5	169 / 119	50	B.M. 14-2C
2	239	077	540	5	266 / 212	54	111	921	412	5	138 / 84	54	CENTRAL @ LIDCOMBE F.B. 3712-129
3	149	463	450	5	184 / 114	106 / 70	205	857	506	5	240 / 170	104 / 70	⊼ Peterson
4	150	053	451	5	182 / 150	176 / 64	200	197	501	5	231 / 169	174 / 62	
5	139	901	440	5	166 / 112	240 / 54	161	225	462	5	189 / 133	236 / 56	
6	181	283	482	5	210 / 152	294 / 58	258	419	559	5	288 / 228	292 / 60	
7	144	935	445	5	178 / 110	352 / 68	154	581	455	5	188 / 120	352 / 68	
8	156	581	457	5	165 / 147	420 / 18	154	721	455	5	162 / 146	420 / 16	
9	143	191	444	5	146 / 140	438 / 6	154	101	455	5	157 / 151	436 / 6	B.M. 14-3B Merced @ Fawcell
	+ 1467	257 ✓				444	1545	085 ✓				442 ✓	F.B. 3712-131
B.M. 14-3B							+ 1467	257				444	
							77	828 ✓				886 ✓	

T= 720

WEATHER overcast-Calm INST. NO. 75234

TIME 13:10 ROD NO. 1713 A.B

NOTES CHKD. DATE

F.B. 4114 PG. 206 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES JGR 7-Jun-71

INDEXED L. GALLI DATE

76P526 CE # 308 3-65

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

SURVEY BY Rodriguez WEATHER 75°66° overcast INST. NO. 25236

NOTES BY R.L. BACK DATE 3 JUNE 71 TIME 10:30 ROD NO. 1713 HB

INDEXED DATE JUN 18 71 NOTES CHKD DATE

F.B. 4114 PG. 207

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
BM 14-2C									FROM BM 14-2C TO BM 14-2B
1	178	261	479	5	212 144 68	156	219	457 5	190 122 68	BM 14-2C
										CENTRAL @ LIDCOMBE AV
2	163	167	464	5	163 131 64	141	649	442 5	175 107 68	F.B. 3712-129
									136	↑ PETERSON
3	146	831	447	5	179 113 66	145	271	446 5	176 114 62	
					132					
4	168	531	469	5	199 137 62	109	265	410 5	139 79 60	
					198				198	
5	227 ~~367~~	009	528	5	255 199 56	122	293	423 5	151 93 58	
					260				258	
6	149	507	450	5	182 116 66	125	971	426 5	158 92 66	
					316				316	
7	171	203	472	5	204 138 66	131	433	432 5	164 98 66	
					382				382	
8	157	249	458	5	178 136 42	211	197	512 5	231 191 40	
					448				448	
9	193	435	494	5	203 183 20	182	251	483 5	193 171 22	
					490				488	
	+ 1555 193 ✓				510	1325 549 ✓			510 ✓	BM 14-2B
BM 14-2B	- 1325 549								510	DURFEE @ SLACK RD
	~~229644~~								1020 ✓	F.B. 3712-127
	+ 229644 ✓									

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 14-2B	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 14-2B TO B.M. 14-2C
1	222	783	523	5	257 / 187	70	192	813	493	5	226 / 158	68	B.M. 14-2B
													Durfee @ Slack Rd.
2	121	853	422	5	156 / 86	70	155	627	456	5	189 / 121	68	F.B. 3712-127
						140						136	
3	122	509	423	5	155 / 89	66	181	487	482	5	216 / 146	70	⊼ Peterson
						206						206	
4	124	733	425	5	150 / 98	52	194	835	495	5	220 / 168	52	
						258						258	
5	106	205	407	5	140 / 72	68	158	317	459	5	192 / 124	68	
						326						326	
6	147	797	448	5	18~~0~~ / ~~112~~ 111	70 / ~~60~~	162	301	463	5	196 / 128	68	
						396						394	
7	153	331	454	5	186 / 120	66	167	801	468	5	201 / 133	68	
						462						462	B.M. 14-2C
8	146	855	447	5	168 / 124	44	162	621	463	5	184 / 140	44	Central @ Lidcombe
	+1146	066 √				506 √	1375	802 √				506 √	F.B. 3712-129
B.M. 14-2C							+1146	066				506	
							229	736 √				1012 √	

T=68°

WEATHER overcast-Calm INST. NO. 75234

TIME 10:56 ROD NO. 1713A.B

NOTES CHKD [illegible] DATE

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES JGR 7-June-71

INDEXED [illegible] DATE

F.B. 4114 PG. 208 JOB NO. 0301.02

76P526B CE # 308 8.68

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

SURVEY BY Randall WEATHER overcast INST. NO. 77234

NOTES BY Rodriguez DATE 3 June 71 TIME 13:20 ROD NO. 1713 A-B

INDEXED G. L. GAUD DATE JUN 18 '71 NOTES CHKD. BLANCHARD DATE

F.B. 4114 PG. 209

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM 14-2B													FROM BM 14-2B TO BM 14-2A
1	124	015	425	5	157 / 91	66	210	779	511	5	243 / 177	66	BM 14-2B
													Durfee @ Slack Rd
2	129	703	430	5	154 / 104	50	185	815 / ~~18~~	486	5	210 / 160	50	F.B. 3712-127
						116						116	⊼ Peterson
3	136	987	437	5	170 / 102	68	192	607	493	5	227 / 157	70	
						184						186	
4	161	645	462	5	194 / 128	66	180	729	481	5	212 / 148	64	
						250						250	
5	140	397	441	5	170 / 110	60	146	551	447	5	175 / 117	58	
						310						308	
6	257	557	558	5	280 / 234	46	20	853	321	5	42 / 20	44	
						356						352	
7	226	763	527	5	241 / 211	30	96	689	397	5	113 / 79	34	
BM 14-2A	+ 1177	067				386	1034	023				386	
BMT	- 1034	023										386	
	+ 143	044										772	BM 14-2A
													Peck Rd @ San Gabriel River
													bridge
													F.B. 2891-229

263

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 14-2A													FROM B.M. 14-2A TO B.M. 14-2B
1	60	467	361	5	79 41	38	224	653	525	5	243 205	38	B.M. 14-2A
													Peck Rd. @ San Gab. River Bridge
2	11	231	312	5	1/2) 35 11	48	210	883	511	5	234 186	48	F.B. 2891-229
						86						86	
3	152	499	453	5	186 118	68	135	125	436	5	169 101	68	⊼ Peterson
						154						154	
4	151	431	452	5	156 146	10	160	979	461	5	165 155	10	
						164						164	
5	179	653	480	5	216 142	74	141	909	442	5	178 104	74	
						238						238	
6	170	843	471	5	204 136	68	123	495	424	5	158 88	70	
						306						308	
7	200	939	501	5	235 165	70	107	655	408	5	141 93	68	
						376						376	
8	169	733	470	5	185 153	32	135	241	436	5	151 119	32	B.M. 14-2B
	+ 1096	796 ✓				408	1239	937	40			408 ✓	Durfee @ Slack Rd.
B.M. 14-2B							+ 1096	796				408	F.B. 3712-127
							143	144				816 ✓	

F.B. 4114 PG. 210 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES JGR 7-Jun-71

INDEXED [illegible] DATE

WEATHER Overcast-Calm INST. NO. 25234

TIME 09:30 ROD NO. 17/3A-2

NOTES CHKD. BLANCHARD DATE

7:66°

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDALL
NOTES BY PETERSON DATE 3 June 71 TIME 14.25 WEATHER CLOUDY INST. NO. T5234
INDEXED C.J. GALLO DATE JUN 18 71 NOTES CHKD BLANCHARD DATE JUN 29 71 ROD NO. 1713 A.B.
F.B. 4114 PG. 211

T=72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
14-2A									FROM BM 14-2A TO BM 14-1
1	216	530	517 5	245 187 58	128	942	429 5	157 99 58	BM 14-2A
									Peck Rd @ San Gabriel River
2	24	537	325 5	(1/2) 61 24 74	259	903	560 5	295 223 70	bridge
				132				130	F.B 2891-229
3	151	045	452 5	185 117 68	128	352	429 5	163 93 70	π ANDERSON
				200				200	
4	150	230	451 5	183 117 66	238	802	539 5	272 204 68	
				266				268	
5	295	212	596 5	(1/2) 295 260 70	70	692	371 5	105 35 70	
				336				338	
6	137	978	438 5	144 130 14	178	704	479 5	184 172 12	
	+ 975	532 ✓		350	✓ 1005	395 ✓		350 ✓	
14-1					975	532		350	
					29	863 ✓		700 ✓	
									BM 14-1
									PELLISIER RD & PEARSON AVE
									F.B. 1379-202

251

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M.14-1									FROM B.M.14-1 TO B.M.14-2A
1	130	059	431 5	151 109 42	205	909	506 5	226 184 42	B.M.14-1
	NOTE								Pelisier Rd. @ Pearson
2	130	403	431 5	158 102 56	139	351	440 5	168 110 58	F.B. 1379-202
				98				100	
3	135	488	436 5	165 105 60	148	090	449 5	178 118 60	⊼ Anderson
				158				160	
4	133	228	434 5	161 105 56	153	832	454 5	182 124 58	
				214				218	
5	274	268	575 5	294 254 40	76	705	377 5	94 58 36	
				254				254	
6	182	642	483 5	217 147 70	232	590	533 5	272 192 80	
+	986	088		324	956	477		334	B.M. 14-2A
B.M. 14-2A -	956	477						324	Peck Rd. @ San Gab. River Bridge
+	29	611						658	F.B. 2891-229

F.B. 4114 PG. 212 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES JGR

INDEXED G. G. GALLI DATE

WEATHER Overcast-Calm INST. NO. 75234

TIME 08:55 ROD NO. 1713A-B

NOTES CHKD BLANK HARD DATE

T= 64°

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

ANDY

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
14-2A									FROM BM 14-2A TO BM 14-1
1	197	854	498 5	210 178 38	108	775	409 5	127 89 38	BM 14-2A
									PECK RD & SAN GABRIEL RIVER BR
2	109	670	410 5	144 74 70	249	166	550 5	283 215 68	F.B. 2891-229
				108				106	
3	99	583	400 5	115 83 32	193	087	494 5	209 172 32	⊼ ANDERSON
				140				138	(RERUN)
4	144	378	445 5	179 109 70	118	393	419 5	154 82 72	
				210				210	
5	138	059	439 5	172 104 68	119	200	420 5	153 85 68	
				278				278	
6	79	092	380 5	105 53 52	28	324	329 5	56 28 (2) 56	
				330				334	
7	162	862	463 5	175 149 26	144	432	445 5	156 132 24	
+	931	458 ✓		356	961	377 ✓		358 ✓	
					+ 931	458		356	
					29	919 ✓		714 ✓	
14-1									BM. 14-1
									PELLISIER RD & PEARSON AVE
									F.B. 1379-202

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

SURVEY BY RANDALL

NOTES BY PETERSON DATE 9 JUNE 71

INDEXED [illegible] DATE JUN 18 71

WEATHER CLOUDY T=64

TIME 9:20

NOTES CHKD [illegible] DATE

INST. NO 75234

ROD NO 1713 A1

F.B. 4114 PG. 213

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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INST. NO. 75234 ROD NO. 1713 AB

WEATHER CLOUDY T= 66

TIME 10:10 BY WCARD

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA	FORESIGHT RIGHT	MIC.	LEFT.		STADIA	DESCRIPTION AND REMARKS
14-1											FROM BM 14-1 TO BM 14-2A
1	133	378	434	5	150 / 116 34	176	813	477	5	193 / 159 34	BM 14-1
											PELLISIER RD & PEARSON AVE
2	94	949	395	5	130 / 58 72	135	260	436	5	174 / 96 78	F.B. 1379-202
					106					112	TANDERSON
3	131	352	432	5	166 / 96 70	146	947	447	5	180 / 112 68	RERUN
					176					180	
4	119	492	420	5	148 / 90 58	17	532	318	5	44 / 17 54	
					234					234	
5	227	002	528	5	246 / 208 38	109	023	410	5	129 / 89 40	
					272					274	
6	125	280	426	5	150 / 100 50	197	440	498	5	223 / 173 50	
					322					324	
7	123	068	424	5	137 / 109 28	141	820	442	5	154 / 128 26	
	+ 954	521	✓		350	924	835	✓		350	BM 14-2A
14-2A	- 924	835								350	RECK RD. & SAN GABRIEL RIVER BR.
	+ 29	686	✓							700 ✓	F.B. 2891-229

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON

INDEXED DATE

JOB NO. 030102

F.B. 4114 PG. 214

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDALL
NOTES BY PETERSON
INDEXED
DATE JUNE 4, 71
TIME 9:05
WEATHER CLEAR
T = 68
NOTES CHKD BLANCHARD
DATE JUN 29 '71
F.B. 4114 PG. 215
INST. NO. 75234
ROD NO. 1713 AB

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA	FORESIGHT RIGHT	MIC.	LEFT.		STADIA	DESCRIPTION AND REMARKS
14-1											FROM BM 14-1 TO BM 14-1B
1	148	782	449	5	179 117 62	165	135	466	5	196 134 62	BM 14-1
											PELLISIER RD & PEARSON AVE
2	119	802	420	5	153 85 68	165	178	466	5	200 130 70	FB 1379-202
					130					132	
3	124	210	425	5	155 93 62	165	852	466	5	196 134 62	X ANDERSON
					192					194	
4	131	639	432	5	165 97 68	169	540	470	5	204 134 70	
					260					264	
5	128	657	429	5	165 91 74	176	508	477	5	210 142 68	
					334					332	
6	108	210	409	5	126 90 36	52	308	353	5	71 33 38	
					370					370	
7	192	683	493	5	202 182 20	46	242	347	5	55 37 18	
					390					388	
8	226	820	527	5	238 214 24	13	578	314	5	(L) 25 13 24	
					414					412	
9	235	432	536	5	255 220 30	67	132	368	5	81 53 28	
					444					440	
10	169	473	470	5	176 162 14	71	893	372	5	81 61 20	
	+ 1585	708			458	1093	366			460	
14-1B	- 1093	366								458	
	+ 492	342								918	BM 14-1B
											PECK RD & 605 FWY BRIDGE
											FB. 3712-139

288

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

SURVEY OF L.A. Co. PRECISE LEVEL NET — JOB NO. 030.102 — INST. NO. 75234 — ROD NO. 1193-C

SURVEY BY RANDALL — NOTES Pearson 4-Jun-71 — DATE JUN 2 — STANDARD

INDEXED [redacted] — DATE — NOTES CHKD — TIME 14:16 — WEATHER CLEAR

F.B. 4114 PG. 216 — T2G

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
14-1B													FROM BM 14-1B TO BM 14-1A
1	56	298	957	5	42 / 48	28 / 32	196	774	497	5	210 / 182 / 294	28 / 36	BM 14-1B
													PECK RD & 605 FWY BRIDGE
2	32	772	333	5	16	60	276	022	577	5	258	64	F.B. 3712-139
3	11	889	312	5	246 / 11 (1/2)	30 / 90	224	818	525	5	235 / 213	22 / 86	Anderson
4	34	798	335	5	54 / 14	40 / 130	142	924	443	5	164 / 120	44 / 130	
5	202	538	503	5	236 / 168	68 / 198	139	134	440	5	172 / 106	66 / 196	
6	161	942	462	5	193 / 129	64 / 262	122	852	423	5	157 / 87	70 / 266	
7	183	592	484	5	218 / 148	70 / 332	137	837	438	5	171 / 103	68 / 334	
8	167	300	468	5	201 / 133	68 / 400	115	378	416	5	147 / 83	64 / 398	
9	159	258	460	5	189 / 129	60 / 460	124	044	425	5	155 / 93	62 / 460	
10	132	407	433	5	141 / 123	18	155	383	456	5	164 / 146	18	
	+ 1142	794 ✓				478 ✓	- 1635	166 ✓				478 ✓	B.M. 14-1
B.M. 14-1A							- 1142	794				478	Pollisier Rd. @ Pearson
							= 492	372 ✓				956 ✓	F.B. 1379-202

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDALL
NOTES BY PETERSON DATE 6-4-71 WEATHER CLEAR INST. NO. 75230
INDEXED [redacted] DATE [redacted] 1 8 71 TIME 10:30 ROD NO. 1713 A
NOTES CHKD BLANCHARD DATE [redacted]
F.B. 4/14 PG. 217
T=76

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM BM 14-1B TO BM 14-1A
14-1B											
1	172	102	473	5	196 / 148 48	186	268	487	5	212 / 160 52	BM 14-1B
											PECK RD & 605 FWY BRIDGE
2	28	838	329	5	43 / 13 30	285	722	586	5	298 / 275 20	F.B. 3712-139
					78					72	
3	63	572	344	5	81 / 45 36	292	700	593	5	(½) 297 / 255 42	T ANDERSON
					114					114	
4	55	329	356	5	71 / 39 32	285	612	586	5	301 / 269 32	
					146					146	
5	66	648	367	5	86 / 46 40	94	742	395	5	115 / 73 42	
					186					188	
6	181	488	482	5	218 / 144 74	133	793	434	5	171 / 95 76	
					260					264	
7	180	541	481	5	212 / 148 64	124	088	425	5	155 / 93 62	
					324					326	
8	183	512	484	5	227 / 159 68	100	032	401	5	133 / 67 66	
					392					392	
9	155	832	456	5	184 / 126 58	134	727	435	5	165 / 103 62	
					450					454	
10	164	300	465	5	191 / 137 54	109	938	410	5	134 / 84 50	
					504					504	
11	159	668	460	5	173 / 145 28	135	030	436	5	156 / 120 30	
	+1411	830 ✓			532 ✓	1882	652 ✓			534 ✓	
14-1A						-1411	830			532	
						470	822 ✓			1066 ✓	

BM 14-1A
PELLISIER PL @ 0.5 W. OF PECK
F.B. 3712-121

315

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 7253. ROD NO. 713 A. DATE

WEATHER CLEAR TIME 13:10 NOTES CHKD BLANCHARD

JOB NO. 030102 T=76

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDAL NOTES PETERSON

INDEXED DATE

F.B. 414 Pg. 218

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
14-1A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 14-1A TO BM 14-1B
1	116	668	417 5	192 90 52	185	360	486 5	215 158 54	BM 14-1A
									PELISIER PL @ 0.5 W OF PECK
2	156	552	457 5	186 126 60	171	542	472 5	202 140 62	F.B. 3712-121
				112				116	
3	120	650	421 5	149 91 58	181	028	489 5	207 155 52	J ANDERSON
				170				168	
4	118	340	419 5	145 91 54	163	590	464 5	190 136 54	
				224				222	
5	111	475	412 5	142 80 62	150	262	451 5	181 119 62	
				286				284	
6	128	122	429 5	161 95 66	174	155	475 5	208 140 68	
				352				352	
7	140	228	441 5	165 115 50	22	720	323 5	(4) 46 (3) 22 48	
				402				400	
8	241	668	542 5	252 230 22	24	972	325 5	35 13 22	
				424				422	
9	261	022	562 5	276 246 30	28	540	329 5	42 14 28	
				454				450	
10	234	128	535 5	252 216 36	40	005	341 5	61 19 42	
				490				492	
11	154	676	455 5	168 140 28	145	078	446 5	159 131 28	
				518				520	
12	128	622	429 5	134 122 12	154	698	455 5	139 129 10	
1	+ 1912	151		530	1441	950		530	
14-1B	- 1441	950						530	
	+ 470	201						1060	BM 14-1B
									PECK RD & 605 FWY BR.
									BM 3712-139

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

ANDY

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDALL PETERSON DATE 9 JUNE 71 WEATHER CLOUDY TIME 11:20 INST. NO. 75235 ROD NO. 7123.64
NOTES BY L. GAEN DATE JUN 18 71 NOTES CHKD BY DATE
INDEXED
T=66
F.B. 4114 PG. 219

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA	FORESIGHT RIGHT	MIC.	LEFT.		STADIA	DESCRIPTION AND REMARKS
14-1B											FROM BM 14-1B TO BM 14-1A
1	169	412	470	5	192 146 46	174	318	475	5	197 151 46	BM 14-1B
											PECK RD & 605 FWY BRIDGE
2	50	119	351	5	64 36 28	222	388	523	5	236 208 28	F.B. 3712-139
					74					74	
3	27	572	328	5	42 12 30	272	456 ~~422~~	573	5	287 257 30	T ANDERSON
					104					104	
4	17	820	318	5	29 5 24	291	187	592	5	291 265 26	
					128					130	
5	89	578	390	5	112 66 46	115	320	416	5	138 92 46	
					174					176	
6	146	660	447	5	181 111 70	137	340	438	5	172 102 70	
					244					246	
7	177	893	478	5	213 141 72	115	820 ~~764~~	416	5	144 86 58	
					316					304	
8	168	732	469	5	198 138 60	93	790	394	5	126 60 66	
					376					370	
9	156	678	457	5	187 125 62	118	474	419	5	152 84 68	
					438					438	
10	152	598	453	5	187 117 70	85	458	386	5	120 50 70	
					508					508	
11	142	650	443	5	150 134 16	143	588	444	5	151 135 16	
+	1299	712 ✓			524	1770	139 ✓			524 ✓	
14-1A -	~~1770~~	~~139~~				+ 1299	712			524	
		~~573~~				- 470	427 ✓			1048 ✓	BM. 14-1A
											PELLISIER PL & 0.5 MI W. OF PECK RD
											F.B. 3712-121

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
									RE No Run made in this direction

WEATHER ____ INST. NO. ____

TIME ____ ROD NO. ____

NOTES CHKD ____ DATE ____

F.B. 414 Pg. 280

JOB NO. 030.02

SURVEY OF ____

SURVEY BY Randall NOTES ____

INDEXED ____ DATE ____

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON

DATE 9-CUNE '71

WEATHER CLOUDY & LT. WIND

TIME 13:50

INST. NO. 2352 34

ROD NO. 1713 & 18

INDEXED L. L. CAR

DATE

NOTES CHKD

DATE

F.B. 4114 PG. 224

T = 66°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
B.M. 14-1A													FROM B.M. 14-1A TO B.M. 11-124B
1	186	450	487	5	158	70	135	639	436	5	100	70	B.M. 14-1A
					220						126		PELLISIER RD., 0.5 MI. W.
2	185	770	486	5	150	70	91	741	392	5	56	70	OF PECK
					212	140					170	140	F.B. 3712-121
3	177	730	478	5	142	70	135	268	436	5	100	70	
					211	210					191	210	T = RODRIGUEZ
4	176	188	477	5	141	70	156	360	457	5	121	70	
					137	280					151	280	
5	104	072	405	5	71	66	118	390	419	5	85	66	
					164	346					153	346	
6	144	501	445	5	124	40	133	330	434	5	113	40	
	+ 974	711				386	770	727				386	
B.M. 11-124B	- 770	727										386	B.M. 11-124B
	+ 203	984										772	WORMAN MILL & CAMBRAY DR
													F.B. 2880-54

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 11-124B									FROM B.M. 11-124B TO B.M. 14-1A
1	118	281	419 5	146 90 56	174	710	475 5	204 144 60	B.M. 11-124B
				248				180	WORKMAN MILL RD. & CAMBRAY DR.
2	209	671	510 5	170 78	143	028	444 5	106 74	204 F.B. 2880-54
				137 134	169	110	470 5	~~148~~ 134	134
3	101	381	402 5	65 72	~~168~~	~~279~~	~~469~~ 5	~~138~~ 70	
				161 206				228 204	⊼ = RODRIGUEZ
4	126	361	427 5	91 70	189	709	490 5	150 78	
				156 276				202 282	
5	126	819	427 5	96 60	174	439	475 5	146 56	
				163 336				198 338	
6	138	088	439 5	113 50	173	442	474 5	148 50	
	+ 820	601		386	- 1024	438		388	
B.M. 14-1A					+ 820	601		386	B.M. 14-1A
					- 203	837		774	PELLISIER RD., 0.5 MI. W. OF PECK
									F.B. 3712-121

F.B. 4114 PG. 222 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET WEATHER CLOUDY & CALM INST. NO. 75234

SURVEY BY RANDALL NOTES ANDERSON DATE: 10-JUNE '74 TIME 10:20 ROD NO. 1713 A.B

INDEXED G.J. GALLI DATE NOTES CHKD BLANCHARD DATE

T - 60°

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 9-JUNE '71 WEATHER CLOUDY & CALM INST. NO. 7523

INDEXED R. S. GALLI DATE JUN 18 '71 TIME 14:30 ROD NO. 1713A

NOTES CHKD BLANCHARD DATE

T = 66°

F.B. 4114 PG. 223

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

405 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
B.M. 11-124B													FROM B.M. 11-124 B TO B.M. 11-123 A
1	136	302	437	5	156 / 116	40	147	460	448	5	167 / 127	40	B.M. 11-124 B
					146						127		WORMAN MILL & CAMBRAY DR.
2	119	732	420	5	92	54	100	270	401	5	73	54	F.B. 2880-54
					265	94					123	94	
3	230	002	531	5	195	70	88	358	389	5	53	70	
					274	164					78	164	
4	239	098	540	5	204	70	43	329	344	5	8	70	T = RODRIGUEZ
						234					50	234	
5	293	342	594	5	293 / 253	½ 80	11	722	312	5	11	(½ 78	
					294	314					92	312	
6	294	032	595	5	274	½ 40	74	500	375	5	56	36	
					173	358					124	348	
7	169	878	470	5	165	8	118	800	419	5	112	12	
					139	362					134	360	
8	124	751	425	5	109	30	118	675	419	5	102	32	
					265	392					102	392	
9	265	812	566	5	200	½ 130	36	421	337	5	36	132	
					170	522					178	524	
10	165	429	466	5	160	10	173	640	474	5	168	10	
	+ 2038	378				532	913	175				534	
B.M. 11-123A	- 913	175										532	B.M. 11-123 A
	+ 1125	203										1066	WORKMAN MILL & BR. #53-1014
													F.B. 1376-110A N.E. COR.

T = 62°

.B: 4114 PG. 224 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET WEATHER CLOUDY & CALM

SURVEY BY RANDALL NOTES ANDERSON DATE: 10-JUNE TIME 09:20 S RO

INDEXED D.J. GALLI DATE NOTES CHKD BLANCHARD DA

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
B.M. 11-123A									FROM B.M. 11-123A TO B.M. 11-124B
1	171	170	472 5	176 166 10	162	951	463 5	167 157 10	B.M. 11-123A
									WORMAN MILL & BR. #53-1014
2	34	649	335 5	102 34 ½ 136	270	422	571 5	270 201 ½ 138	F.B. 1376-110A N.E.COR.
3	128	552	429 5	140 116 146 24	128	412	429 5	140 116 148 24	
4	47	168	348 5	70 24 170 46	294	818	595 5	294 271 ½ 172 46	
5	9	450	310 5	33 9 ½ 216 48	231	291	532 5	252 210 218 42	T = RODRIGUEZ
6	25	688	326 5	62 25 ½ 264 74	254	651	555 5	290 218 260 72	
7	74	790	375 5	106 42 338 64	202	732	503 5	234 170 332 64	
8	84	702	385 5	114 54 402 60	195	272	496 5	229 161 396 68	
9	153	260	454 5	176 130 462 46	121	371	422 5	149 98 464 46	
10	181	800	482 5	187 175 508 12	174	440	475 5	179 169 510 10	
	+ 911	229		520	2036	360		520	
B.M. 11-124B					+ 911	229		520	B.M. 11-124B
					1125	131		1040	WORMAN MILL RD. & CAMBRAY DR.
									F.B. 2880-54