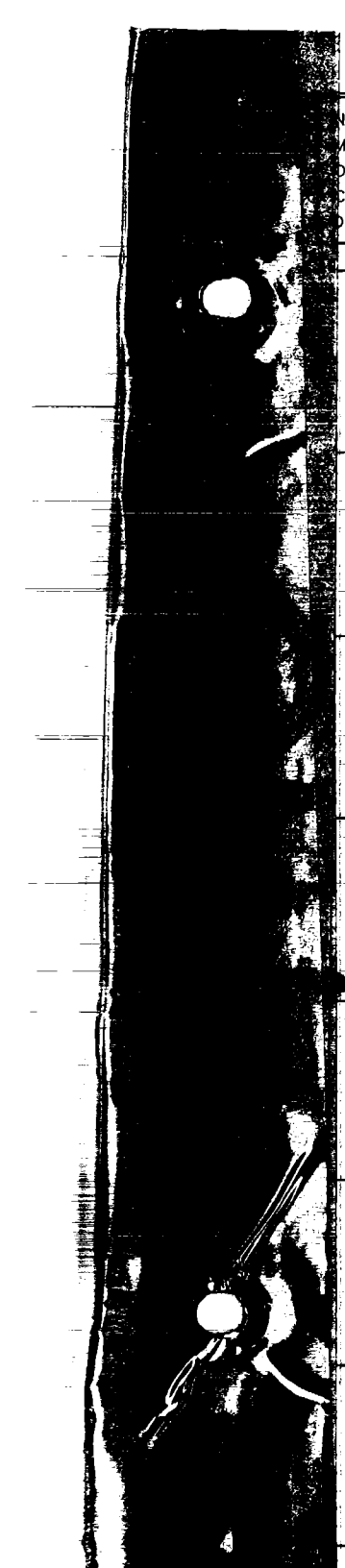

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of
JN Tape Std °F
Surveyed by
Notes Date
Indexed C. D. GALLI NOV 4 71

F. B. 4116 PG.

BOOK

INDEX

LINE	Pg's.
16	5 thru 72
BLANK	73 thru 92
37	93 thru 220
FULL	

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

Survey of
JN Tape Std °F
Surveyed by
Notes Date
Indexed

F. B. 4116 Pg.

Page	Job	Description
		L.A. COUNTY PRECISE LEVEL NET 0301.02
5-7	Index	Line #16
8-72	B.M.	" " Levels

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

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

76F309S CE#310 9-69

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

Survey of L.A.Co-Precise Level Net
J.N. 0301.02 Tape — Std — °F
Surveyed by RANDALL
Notes " Date JUN-1971
Indexed T. M. PALMERI

F. B. 4116 PG. 5

LOS ANGELES COUNTY PRECISE LEVEL NET

LINE No. 16

J.N. 0301.02

JUN - JUL 1971

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26F309S CE#310 1-65

REFERENCES

F.B. 1376
1380
2880
2886
3710
3711
3712

PARTY

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

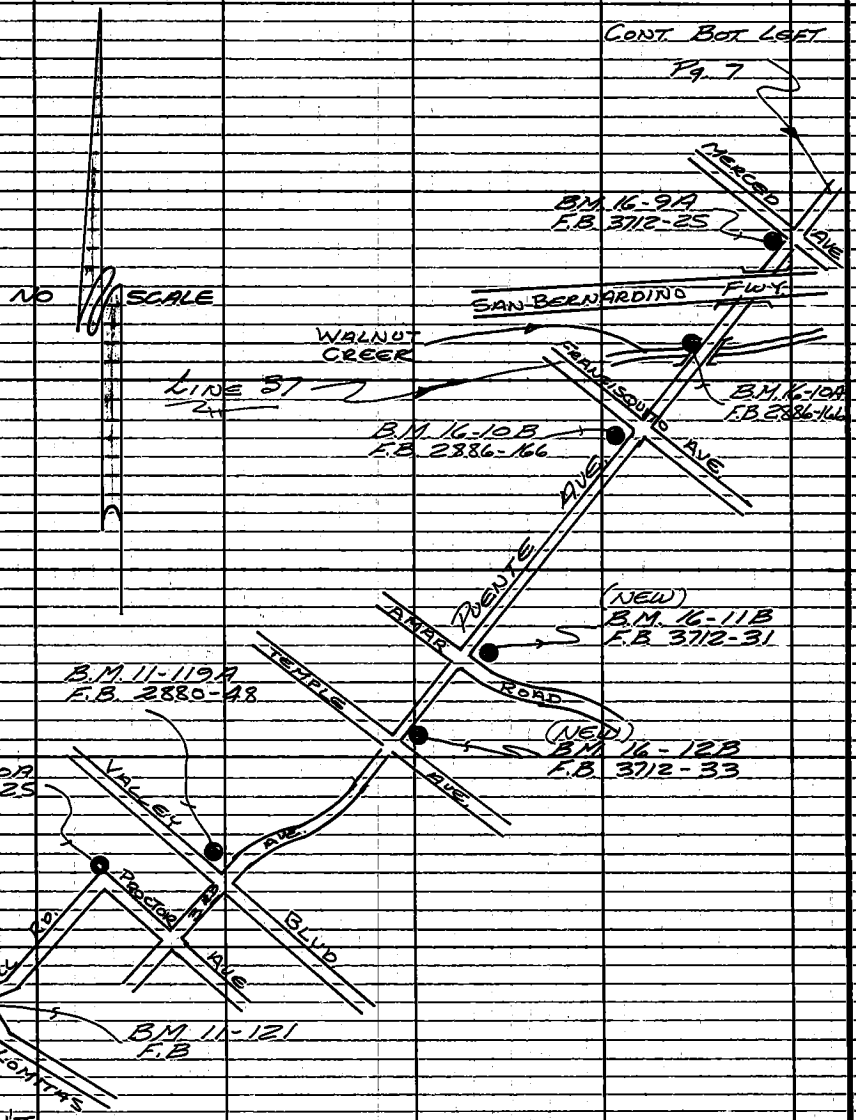
F.B. 4116 Pg. 6

ROUTE

SKETCH

LINE No. 16

(Pg. 1 of 2 Pg's.)



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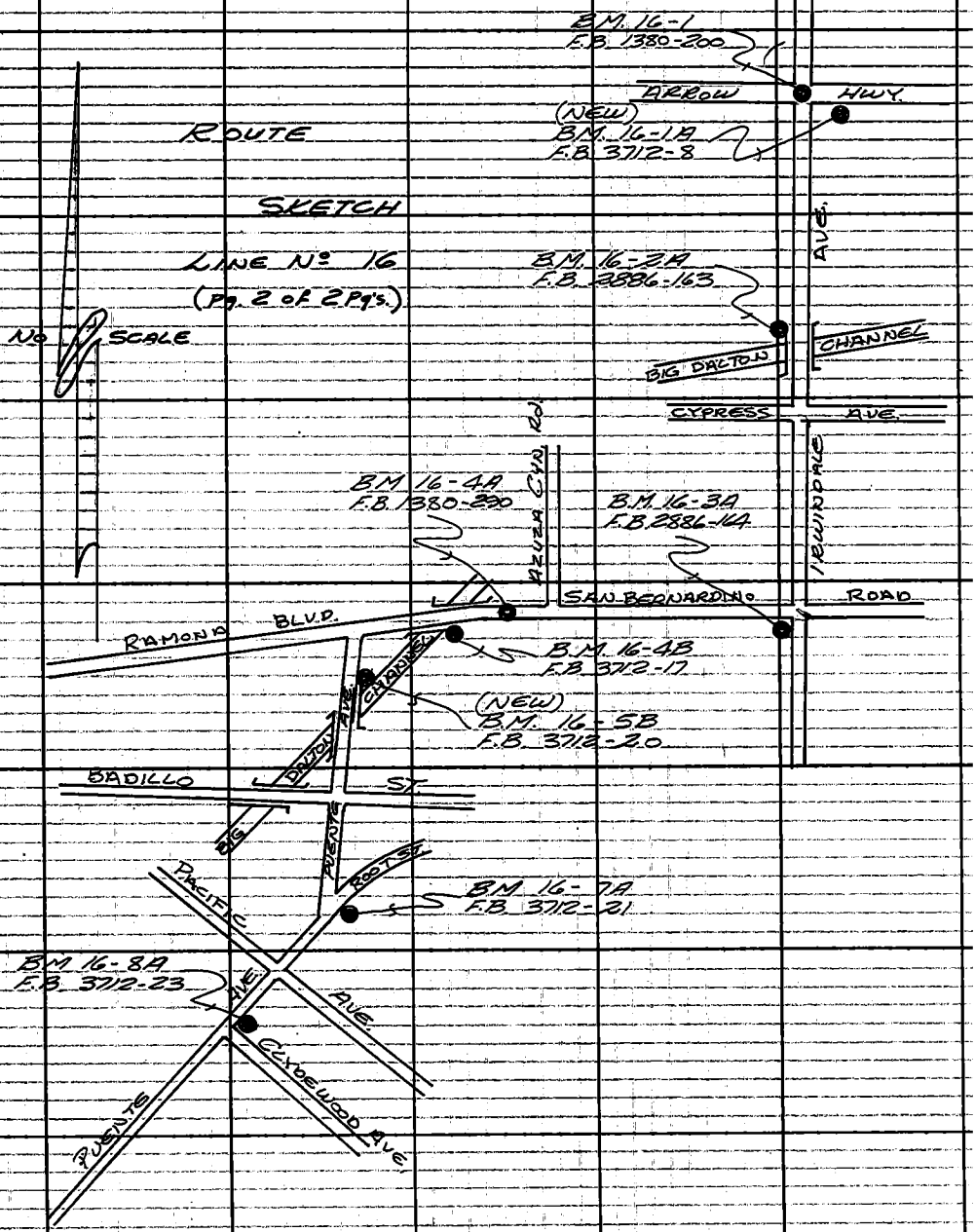
Notes Ck'd by	Survey of L.A.Co. Precise Level Net
Map No.	JN0301.02 Tape — Std — °F
Office Work	Surveyed by Randall
Checked	Notes " Date Jun-71
Date	Indexed T. M. PALMERI JUL 1 4 71

F. B. 4116 PG. 7

NOT CONT.

overlap on (21C thru 23) LINE No 11



CONT. Right 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 RODRIGUEZ DATE 23 JUNE 71 WEATHER Hazy
INDEXED T. M. PALMERI DATE JUL 14 '71 TIME 13:20 NOTES CHK. [illegible] DATE [illegible]
F.B. 4116 PG. 9
TE 92

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	154	353	455 5	159 149 10	194	897	495 5	224 164 60	60 M- 10 M= 50 M=0.20 mm
2	148	249	449 5	153 143 10	107	605	408 5	137 77 60	60 M- 10 M= 50 M=0.20 mm
	302	602		20	302	502		120	
	302	462						-20	
	+ 01.40				-0.40 mm			100	Curvature Corr.=0.40 mm
					302	462			π PETERSON
					-				
		0.014 ~~0.001~~		mm= "C"					
	100 / 1.40								
		100							
								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 " DATE 24-Jun-71 TIME 08:30 ROD NO. 1113A-B
INDEXED T. M. PALMER DATE JL 1 4 71 NOTES CHKD T. M. PALMER DATE JL 1 4 71
70°
F.B. 4116 PG. 11

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
			NEAR ROD						
1	136	179	437 5	141 131 10	67	091	368 5	99 37 60	60 M- 10 M= 50 M=0.20 mm
2	163	761	464 5	168 158 10	232	881	533 5	262 202 60	60 M- 10 M= 50 M=0.20 mm
	299	940		20	299	972		120	
	299	932				-0.40 mm		-20	
	+	018				-0. mm		100	Curvature Corr.=0.40 mm
					299	932			
					-				
		.00018		mm= "C"					
	100	0.18							
							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 " DATE 25-Jun-71 WEATHER Clear, Calm INST. NO 75234
NOTES BY " TIME 08:30 ROD NO 75234
INDEXED T. M. PALMERI DATE JUL 14 71 NOTES CHKD T. M. PALMERI DATE JUL 14 71
F.B. 4114 Pg. 13

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
			DETERMINATION OF "C"						
			NEAR ROD				FAR ROD		
1	148	532	449 5	153 143 10	79	412	380 5	109 49 60	60 M- 10 M= 50 M=0.20mm
2	158	502	459 5	163 153 10	227	561	528 5	257 197 60	60 M- 10 M= 50 M=0.20mm
	307	034		20	306	973		120	
	306	933			-	0.40 mm		- 20	
	+	101			-0. mm			100	Curvature Corr.=0.40mm
					306	933			
					-				
		0101		mm= "C"					
	100	1.01							
							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 RODRIGUEZ DATE 28 JUNE
INDEXED T. M. PALMERI DATE JUL 14 '71
WEATHER OVERCAST
TIME 8:20
NOTES CHK'D T. M. PALMERI DATE JUL 14 '71
INST. NO 75234
ROD NO 171314E
F.B. 4116 PG. 15
T=64°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	154	795	455 5	159 149 10	126	080	427 5	156 96 60	60 M- 10 M= 50 M=0.20 mm
2	160	724	461 5	165 155 10	189	523	490	219 159 60	60 M- 10 M= 50 M=0.20 mm
	315	519		20	315	603		120	
								-20	
	+				-0.40mm			100	Curvature Corr.=0.40 mm
					315	563			
					315	519			
					-	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 J. RANDALL
NOTES BY R. ANDERSON DATE 29-JUNE '71 WEATHER CLOUDY & CALM INST. NO. 75234
INDEXED T. M. PALMERI DATE JUL 14 71 TIME 08:20 ROD NO. 1713 A&B
NOTES CHKD. T. M. PALMERI DATE JUL 14 71
F.B. 4116 PG. 17

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				
				185				153	
1	180	409	481 5	175 10	123	220	424 5	93 60	60 M- 10 M= 50 M=0.20 mm
				188				271	
2	183	789	484 5	178 10	241	070	542 5	211 60	60 M- 10 M= 50 M=0.20 mm
	364	198		20	364	290		120	
								-20	
	+				-0.40 mm			100	Curvature Corr.=0.40 mm
					364	250			
					364	198			
					-	0.52			
				mm= "C"					
					-	0.005 mm= "C"			
					100	0.520			

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 FROM ____ TO ____
	DETERMINATION OF "C"								
									π ANDERSON
	NEAR ROD				FAR ROD				
1	131	223	432 5	136 126 10	126	100	427 5	156 96 60	60M- 10 M= 50 M=0.20 mm
2	143	067	444 5	148 138 10	148	380	449 5	178 118 60	60 M- 10 M= 50 M=0.20 mm
	274	290		20	274	480		120	
								-20	
	+				-0.40mm			100	Curvature Corr.=0.40 mm
					274	440			
					274	290			
					-	150			
				mm= "C"					
						.015 mm= "C"			
					100	1.50			

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

SURVEY BY RANDALL

NOTES BY PETERSON DATE 30 JUNE 71

INDEXED T. M. PALMERI DATE 1 4 71

WEATHER HAZY

TIME 08:05

NOTES CHKD T. M. PALMERI DATE 1 4 71

INST. NO. 75234

ROD NO. 1713AB

F.B. 4A6 2116 PG. 19

T-740

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 PETERSON DATE 1 JULY 71
INDEXED T. M. PALMERI DATE JUL 14 71
WEATHER PARTLY CLOUDY
TIME 08:10
NOTES CHK'D T. M. PALMERI DATE
INST. NO. 75234
ROD NO. 773AD
F.B. 4116 PG. 21
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"								
	NEAR ROD				FAR ROD				
1	150	920	451 5	155 145 10	136	360	437 5	166 106 60	60 M- 10 M= 50 M=0.20 mm
2	157	949	458 5	162 152 10	172	632	473 5	202 142 60	60 M- 10 M= 50 M=0.20 mm
	308	869		20	308	992		120	
								-20	
	+				-0.40 mm			100	Curvature Corr.=0.40 mm
					308	952			
					308	869			
					-	083			

mm= "C"

.008 mm= "C"
100/0.83

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 V. RANDALL & ANDERSON DATE 2 - JULY '71 TIME 8T:35 WEATHER OVERCAST & CALM INST. NO. 76239
NOTES BY ROD NO. 1218 AB
INDEXED T.M. PALMERI DATE JUL 14 71 NOTES CHKD DATE

F.B. 4116 PG. 23

T = 64°

T = RODRIGUEZ

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
				165				215	
1	160	822	486	155 10	185	716	486	155 60	60 M-10 M=50 M=0.20 mm
				159				159	
2	154	460	455	149 10	129	699	430	99 60	60 M-10 M=50 M=0.20 mm
	315	272		20	315	415		120	
								-20	
	+				-0.40 mm			100	Curvature Corr.=0.40 mm
					315	375			
					315	272			
					-	1.03			
				mm= "C"					
	1								
					- 0.010 mm = "C"				
					100	1.030			

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
M 11.21C									FROM BM11-21C TO BM11-22
1	18	503	319 5	1/2 48 / 18 60	188	107	489 5	218 / 158 60	BM11-21C
									FRONTAGE Rd PARALLEL TO
2	126	709	427 5	150 / 102 48	248	899	549 5	271 / 225 46	IRWINDALE 0.5 MI SO of
				108				106	FOOTHILL BLVD
3	32	563	333 5	1/2 62 / 32 60	212	583	513 5	242 / 182 60	FB 3710-53
				168				166	⊼ PETERSON
4	62	453	363 5	92 / 32 60	236	703	537 5	267 / 205 62	
				228				228	
5	97	079	398 5	125 / 69 56	247	205	548 5	276 / 218 58	
				284				286	
6	111	331	412 5	139 / 83 56	216	709	517 5	243 / 189 54	
				340				340	
7	136	451	437 5	151 / 121 30	243	023	544 5	258 / 228 30	
	+ 585	089		370	1593	229		370	
BM11-22					+ 585	089		370	BM11-22
					1008	140		740	IRWINDALE @ FIRST ST
									S.E. COR IN ST.
									FB. 1376-23

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Randall
NOTES BY RODRIGUEZ DATE 23 JUNE 71 WEATHER Hazy T=92° INST. NO. 75234
INDEXED T. M. PALMERI DATE JUL 14 71 TIME 13:35 ROD NO. 1713AB
NOTES CHKD DATE
F.B. 4116 PG. 25

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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 11-22													FROM BM11-22 TO BM11-21C
1	283	841	584	5	1/2 283 252	62	96	164	397	5	127 65	62	BM11-22
													IRWINdale @ FIRST ST
2	210	556	511	5	241 179	62	46	314	347	5	78 14	64	F.B. 1376-23
						124						126	
3	207	693	508	5	236 178	58	50	602	351	5	80 20	60	⊼ PETERSON
						182						186	
4	231	241	532	5	261 201	60	78	147	379	5	106 50	56	
						242						242	
5	248	926	549	5	278 218	60	109	767	410	5	139 79	60	
						302						302	
6	221	004	522	5	248 194	54	13	943	314	5	1/2 41 13	56	
	+ 1403	261				356	394	937				358	
	- 394	937										356	
BM11-21C	+ 1008	324										71.4	BM11-21C
													FRONTage Rd Parallel To
													~~FOOTHILL~~ IRWINdale 0.5 MI
													So of FOOTHILL Blvd
													F.B 3710-53

F.B. 4116 PG. 26 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Randall NOTES RODRIGUEZ 28 JUNE 71

INDEXED T. M. PALMERI DATE

WEATHER OVERCAST INST. NO. 75234

TIME 10:30 ROD NO. 123AB

NOTES CHKD. BLANCHARD DATE

T = 72

76P526B CE # 308 8/68

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM11-22													FROM BM11-22 TO BM11-23
1	148	115	449	5	176 120	56	225	559	526	5	154 196	58	BM11-22
													IRWINdale @ FIRST ST. S.E
2	86	501	387	5	115 57	58	235	069	536	5	264 206	58	COR IN ST
						114						116	F.B. 1376-23
3	92	991	393	5	121 63	58	211	969	512	5	240 182	58	⊼ PETERSON
						172						174	
4	126	845	427	5	142 110	32	186	061	487	5	202 170	32	
						204						206	
5	78	723	379	5	107 49	58	235	085	536	5	264 206	58	
						262						264	
6	84	109	385	5	112 56	56	223	459	524	5	251 195	56	
						318						320	
7	83	829	384	5	112 54	58	219	875	520	5	248 190	58	
						376	↕					378	
8	140	127	441	5	149 131	18	219	663	520	5	226 212	14	
	+ 841	240				394	1756	740				392	
							+ 841	240				394	
							- 915	500				786	
BM11-23													BM11-23
													IRWINdale @ GLADSTONE
													IN ST.
													F.B 1376-24

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

SURVEY BY Randall

NOTES BY RODRIGUEZ DATE 23 JUNE 71

INDEXED T. M. PALMERI DATE JUL 14 71

WEATHER Hazy

TIME 13:25

NOTES CHKD BLANCHARD DATE

INST. NO. 75234

ROD NO. 1713AB

F.B. 4116 PG. 27

F-92

267

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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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM11-23													FROM BM11-23 TO BM11-22
1	267	461	568	5	298 236	62	65	409	366	5	96 34	62	BM11-23
													IRWINdale @ gladstone in
2.	204	240	505	5	226 182	44	95	3 848	396	5	118 95	46	ST.
		240				106						108	F.B 1376-24
3	239	794	540	5	267 211	56	73	806	374	5	100 46	54	
						162						162	⊼ PETERSON
4	220	354	521	5	244 196	48	119	240	420	5	144 94	50	
						210						212	
5	222	785	523	5	253 191	62	96	514	397	5	127 65	62	
						272						274	
6	241	269	542	5	273 209	64	88	183	389	5	120 56	64	
						336						338	
7	192	782	493	5	210 174	36	118	409	419	5	136 100	36	
						372						374	
8	159	934	460	5	166 152	14	175	521	476	5	182 168	14	
	+1748	619				386	832	920				388	
	- 832	920										386	
BM11-22	+ 915	699										774	BM11-22
													IRWINdale @ FIRST ST
													F.B 1376-23

F.B. 4116 PG. 28 JOB NO. 0301.02

SURVEY OF LACO. PRECISE LEVELS

SURVEY BY Randall NOTES Rodriguez 28 JUNE 71

INDEXED T. M. PALMERI DATE

WEATHER overcast INST. NO. 75234

TIME 9:40 ROD NO. 1713A

NOTES CHKD STANCHARD 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
BM 11-23													FROM BM 11-23 TO BM 16-1
1	101	681	402	5	136 66	70	217	955	518	5	252 182	70	BM 11-23
													IRWINDALE @ GLADSTONE IN ST.
2	86	571	387	5	117 55	62	219	221	520	5	252 186	66	F.B. 1376-24
						132						136	⊼ PETERSON
3	80	797	381	5	113 47	66	235	117	536	5	267 203	64	
						198						200	
4	108	823	409	5	138 78	60	239 ~~[illegible]~~	473	540	5	270 208	62	
						258						262	
5	77	227	378	5	107 47	60	202	137	503	5	231 173	58	
						318						320	
6	78	399	379	5	107 49	58	209	807	510	5	239 179	60	
						376						380	
7	83	513	384	5	102 64	38	194	831	495	5	210 178	32	
						414						412	
8	192	391	493	5	200 184	16	193	549	494	5	201 185	16	
	+ 809	402				430	1712	090				428	
							+ 809	402				430	
BM 16-1							- 902	688				858	BM 16-1
													IRWINDALE @ ARROW HWY
													℄
													F.B. 1380-200

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

SURVEY BY Randall WEATHER Hazy INST. NO 75234

NOTES BY RODRIGUEZ DATE 24 JUNE 71 TIME 0:9:00 ROD NO 17138

INDEXED T. M. PALMERI DATE JUL 14 71 NOTES CHKD SLANCHARD DATE [illegible]

T = 70°

F.B. 4116 PG. 29

278

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F.B. 4116 Pg. 30 | JOB NO. 030102 | SURVEY OF L.W. Co. Precise Levels | SURVEY BY Rodriguez 28 June 71 | NOTES | INDEXED T. M. PALMERI | DATE

WEATHER Overcast | INST. NO. 75234 | TIME 8:35 | ROD NO. 71546 | NOTES CHKD | DATE

T=64°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 16-1	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 16-1 TO BM 16-23
1	197	119	498	5	220 174	46	65	095	366	5	88 42	46	BM 16-1
													IRWINdale @ ARROW HWY
2	198	731	499	5	227 169	58	82	217	383	5	112 52	60	&
						104						106	E.B 1380-200
3	203	040	504	5	233 173	60	75	931	376	5	105 45	60	T. PETERSON
						164						166	
4	232	941	538	5	265 209	56	108	947	409	5	137 79	58	
						220						224	
5	225	397	526	5	254 196	58	101	059	402	5	128 74	54	
						278						278	
6	229	351	530	5	260 198	62	83	790	384	5	114 52	62	
						340						340	
7	243	463	544	5	273 213	60	126	830	427	5	155 97	58	
						400						398	
8	170	217	471	5	186 154	32	159	201	460	5	176 142	34	
	+ 1705	959				432	803	070				432	
	- 803	070										432	
BM 11-23	+ 902	889										864	BM 11-23
													IRWINdale @ GLADSTONE IN ST
													E.B 1376-24

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 16-1	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 16-1 TO BM 16-1A
													BM 16-1
													IRWINDALE @ ARROW HWY
													℄
1.	167	821	468	5	178 156	22	149	623	450	5	159 139	20	F.B 1380-200
												22	⊼ PETERSON
+	167	821										42	
−	149	623											
+	18	198											BM 16-1A
B.M. 16-1A													IRWINDALE @ ARROW HWY
													S/N E. COR. (C.B)
													F.B 3712 - ~~8~~ -8

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

SURVEY BY Randall WEATHER Hazy INST. NO 75233

NOTES BY RODRIGUEZ DATE 24 JUNE 71 TIME 0:9:55 ROD NO 1713 AB

INDEXED T. M. PALMERI DATE JUL 14 71 NOTES CHKD BLANCHARD DATE

F=82

F.B. 4116 PG. 31

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 16-1A TO BM 16-1
BM 16-1A									BM 16-1A
									ARROW HWY @ IRWINdale
									S.E. COR.
1.	150	545	451	159 141 18	168	756	469 5	177 159 18	F-B 3712-8
								18	
	150	545			168	756		36	
B.M. 16-1					150	545			
					-18	211			BM 16-1
									IRWINdale @ ARROW HWY
									E.
									F.B 1380-200

F.B. 4114 PG. 32 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES RODRIGUEZ 28 JUNE 71

INDEXED T. M. PALMERI DATE

WEATHER OVERCAST INST. NO. 75234

TIME 8:35 ROD NO. 1713 AB

NOTES CHKD BLANCHARD DATE

7 = 64°

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDALL
NOTES BY PETERSON DATE 6-24-71
INDEXED T. M. PALMERI DATE JUL 14 71
WEATHER HAZY
TIME 10:35
NOTES CHKD
INST. NO. 75234
ROD NO. 1713AE
DATE
T=88
F.B. 4116 PG. 33

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 16-1A									FROM BM 16-1A TO BM 16-2A
1	114	430	415 5	140 88 52	166	610	467 5	191 141 50	BM 16-1A
									IRWINDALE & ARROW HWY S.E. COR
2	66	040	367 5	98 34 64	196	642	497 5	228 164 64	F.B. 3712-8
				116				114	
3	94	323	395 5	122 66 56	193	206	494 5	221 165 56	⊼ ANDERSON
				172				170	
4	82	190	383 5	111 53 58	202	438	503 5	231 173 58	
				230				228	
5	66	630	367 5	95 37 58	193	510	494 5	222 164 58	
				288				286	
6	81	340	382 5	110 52 58	198	692	499 5	227 169 58	
				346				344	
7	74	443	375 5	102 46 56	191	545	492 5	220 162 58	
				402				402	
8	71	209	372 5	99 43 56	191	471	492 5	219 163 56	
				458				458	
9	76	219	377 5	105 47 58	169	222	470 5	198 148 58	
				516				516	
10	189	938	490 5	215 163 52	79	157	380 5	106 52 54	
+	916	762		568	1782	493		570	
BM 16-2A					+ 916	762		568	
					865	731		1138	BM 16-2A
									IRWINDALE & BIG DALTON WASA BR
									F.B. 2886-163

BIS

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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. 173 AM DATE 4-16-57 CHKD BLANCHARD

WEATHER HAZY TIME 1315 NOTES T=82

JOB NO. 0301.02 PROFILE LEVEL NET

SURVEY OF L.A.Co. SURVEY BY RANDALL NOTES PETERSON

INDEXED T.M. PALMER DATE

F.B. 4116 PG. 34

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	
BM 16-2A									FROM BM 16-2A TO BM 16-1A
1	96653		3975	135 70 52	200782		5015	226 174 52	BM 16-2A
									IRWINDALE & B16 DALTON WASH BRIDGE
2	155643		4565	184 126 58	90452		3915	119 61 58	F.B. 2886-163
				110				110	
3	202603		5835	226 178 48	89582		3905	110 64 50	
				158				160	K ANDERSON
4	203552		5045	231 175 56	85225		3865	114 56 58	
				214				218	
5	197432		4985	226 168 58	69482		3705	92 43 52	
				272				270	
6	198749		4995	239 127 62	78040		3795	110 46 64	
				334				334	
7	204100		5055	233 175 58	90658		3915	119 61 58	
				392				392	
8	197492		4985	225 169 56	72218		3735	181 43 58	
				448				450	
9	186172		4875	217 155 62	83767		3845	111 55 56	
				510				506	
10	198187		4995	226 170 56	114602		4155	100 84 60	
				566				566	
11	133032		4345	140 126 14	132660		4335	139 139 14	
	+ 1973613			580	+ 1107468			580	
	- 1107468							580	
BM 16-1A	+ 866145							1160	
									BM 16-1A
									IRWINDALE & ARROW HWY S.B.Co.
									F.B. 3712-8

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 RANDALL

NOTES BY PETERSON DATE 6-28-71

INDEXED T. M. PALMERI DATE JUL 14 '71

WEATHER HAZY

TIME 11:35

NOTES CHKD

DATE

F.B. 4116 PG. 35

T=82

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM16-1A									FROM BM 16-1A TO BM 16-2A
1	112	198	413 5	137 87 50	163	325	464 5	188 138 50	BM 16-1A IRWINDALE & ARROW HWY S.E. COR
2	68	360	369 5	102 36 64	215	907	516 5	248 182 66	F.B. 3712-B
				114				116	
3	89	618	390 5	121 57 64	184	693	485 5	216 152 64	
				178				180	⊼ ANDERSON (RERUN)
4	62	440	363 5	91 33 58	217	004	518 5	246 188 58	
				236				238	
5	86	878	387 5	116 56 60	197	717	498 5	228 166 62	
				296				300	
6	78	862	379 ~~380~~ 5	107 49 58	204	638	505 5	233 175 58	
				354				358	
7	67	337	368 5	99 35 64	192	311	493 5	221 163 58	
				418				416	
8	72	062	373 5	101 43 58	192	223	493 5	222 162 60	
				476				476	
9	93	792	394 ~~394~~ 5	122 64 58	78	053	379 5	110 46 64	
				534				540	
10	150	135	451 5	163 135 30	101	590	402 5	112 90 22	
	+ 881	682		564	1747	461		562	
					+ 881	682		564	
					865	779		1126	
16-2A									BM 16-2A IRWINDALE & BIG DALTON WASH BR F.B. 2886-163

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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 25134 ROD NO 1713 AD DATE

WEATHER HAZY TIME 13:25 NOTES CHKD

T = 78

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

SURVEY BY RANDALL NOTES PETERSON

INDEXED T. M. PALMERI DATE

F.B. 4116 Pg. 36

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	
BM 16-2A									FROM BM 16-2A to BM 16-1A
1	96	452	397	S 52	198	725	499	S 50	BM 16-2A
									IRWINDALE & DYE DAM ON WASH BR
2	144	709	445	S 56	97	922	398	S 56	F.B. 2886-163
				108				106	
3	203	290	504	S 56	66	802	367	S 60	
				164				166	
4	202	635	503	S 58	80	683	381	S 60	
				222				228	
5	206	842	507	S 58	76	724	397	S 52	↑ ANDERSON (RERUN)
				280				280	
6	193	948	494	S 60	83	250	384	S 60	
				340				340	
7	213	400	514	S 60	76	062	377	S 60	
				400				400	
8	192	542	493	S 58	85	080	386	S 58	
				458				458	
9	202	688	503	S 60	76	701	377	S 60	
				518				518	
10	168	052	469	S 38	97	177	398	S 36	
				556				554	
11	132	210	433	S 4	151	762	452	S 4	
BM 16-1A +	1956	768		560	1090	888		558	BM 16-1A
−	1090	888						560	IRWINDALE & ARROW HWY S.E. Co.
+	865	880						1118	F.B. 3712-8

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 16-2A									FROM BM 16-2A TO BM 16-3A
1	127	754	428 5	138 116 22	173	662	474 5	183 163 20	BM 16-2A
									IRWINDALE & BIG DALTON WASH BR
2	38	635	339 5	63 13 50	249	099	550 5	214 224 50	F.B. 2886-163
				72				70	
3	85	718	386 5	114 56 58	169	308	470 5	198 140 58	
				130				128	
4	115	032	416 5	147 83 64	160	972	461 5	192 128 64	
				194				192	ANDERSON
5	133	718	434 5	162 184 58	155	412	456 5	184 126 58	
				252				250	
6	75	050	376 5	107 43 64	200	098	501 5	231 169 62	
				316				312	
7	117	860	418 5	138 96 42	165	003	466 5	186 144 42	
				358				354	
8	89	464	390 5	117 61 56	163	551	464 5	192 134 58	
	+ 783	231		414	437	105		412	
					783	231		414	
BM 16-3A					653	874		826	
									BM 16-3A
									IRWINDALE & SAN BERNARDINO RD
									F.B. 2886-164

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDALL
NOTES BY PETERSON DATE 6-24-71 WEATHER HAZY INST. NO. TS234
INDEXED T. M. PALMERI DATE JUL 14 71 TIME 11:25 ROD NO. 713AB
NOTES CHKD BLANCHARD DATE
T=88
F.B. 4116 PG. 37

273

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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 16-3A									FROM BM 16-3A TO BM 16-2A
1	168	750	469 5	196 140 56	106	428	407 5	134 78 56	BM 16-3A
									SAN BERNARDINO RD & IRWINDALE
2	187	395	488 5	216 152 58	99	490	400 5	129 69 60	F.B. 2886-164
				114				116	
3	250	291	551 5	276 232 56	127	372	428 5	154 100 54	
				170				170	⊼ ANDERSON
4	146	695	447 5	175 117 58	146	138	447 5	175 117 58	
				228				228	
5	152	633	453 5	182 122 60	103	823	404 5	134 72 62	
				288				290	
6	173	448	474 5	198 148 50	100	882	401 5	125 75 50	
				338				340	
7	233	062	534 5	259 207 52	44	457	345 5	68 20 48	
				390				388	
8	181	940	482 5	199 163 36	111	538	412 5	(1/2) 139 34	
	+1494	214		426	840	128		424	
BM 16-2A	-840	128						426	
	+654	086						850	
									BM 16-2A
									IRWINDALE & BIG DALTON WASH BR.
									FB 2886-163

F.B. 4116 PG. 38 JOB NO. 0301.02 T=82

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON

INDEXED T. M. PALMERI DATE

WEATHER HAZY INST. NO. B234

TIME 11:10 ROD NO. 1713A

NOTES CHKD BLANCHARD DATE

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 PETERSON DATE 6-24-71

INDEXED T. M. PALMERI DATE JUL 14 '71

WEATHER HAZY

TIME 13:40

NOTES CHKD BLANCHARD DATE

INST. NO 75234

ROD NO 71398

F.B. 4116 PG. 39

E 86

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM 16-3A													FROM BM 16-3A TO BM 16-4A
1	133	720	434	5	138 / 128	10	137	957	458	5	142 / 132	10	BM 16-3A
													IRWINDALE & SAN BERNARDINO RD
2	102	188	403	5	134 / 70	64	196	424	497	5	227 / 165	62	F.B. 2886-164
						74						72	
3	116	611	417	5	145 / 87	58	165	664	466	5	194 / 136	58	
						132						130	⊼ ANDERSON
4	113	568	414	5	144 / 82	62	142	264	443	5	172 / 112	60	
						194						190	
5	103	080	404	5	132 / 74	58	164	447	465	5	195 / 133	62	
						252						252	
6	118	329	419	5	146 / 90	56	175	897	476	5	203 / 147	56	
						308						308	
7	99	328	400	5	127 / 71	56	163	609	464	5	188 / 138	50	
						364						358	
8	140	868	441	5	170 / 110	60	160	001	461	5	193 / 127	66	
						424						424	
9	122	688	423	5	143 / 101	42	152 / ~~152~~	127	453	5	173 / 131	42	
						466						466	
10	108	454	409	5	122 / 94	28	169	635	470	5	183 / 155	28	
	+1158	834				494	1628	025				494	
							+1158	834				494	
BM 16-4A							469	191				988	BM 16-4A
													RAMONA BLVD & 1ST P.I. WEST OF AZUSA CN.
													F.B. 1380-290

299

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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. 75234 ROD NO. 7134 DATE
WEATHER Hazy TIME 10:15 NOTES CHKD
T = 80
F.B. 4116 Pg. 40 JOB NO 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY RANDALL NOTES PETERSON
INDEXED T. M. PALMERI DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA	FORESIGHT RIGHT	MIC.	LEFT.		STADIA	DESCRIPTION AND REMARKS
BM 16-4A											FROM BM 16-4A TO BM 16-3A
1	185	200	486	5	209/161 48	119	002	420	5	162/96 66	BM 16-4A
					104						RAMONA BLVD & 1ST PL. W. OF AZUSA
2	165	497	466	5	156 58	116	303	417	5	145/87 58	F.B. 1380-290
					106					104	
3	162	462	463	5	192/132 60	108	869	409	5	138/96 60	
					166					164	
4	153	681	454	5	182/124 58	93	685	394	5	121/65 56	
					224					220	
5	149	082	450	5	180/118 62	103	638	404	5	135/71 64	T ANDERSON
					286					284	
6	151	080	452	5	180/122 58	116	928	417	5	146/86 60	
					344					344	
7	167	478	468	5	196/138 58	120	922	421	5	148/92 56	
					402					400	
8	190	670	491	5	219/161 58	104	008	405	5	133/75 58	
					460					458	
9	153	522	454	5	168/138 30	119	932	420	5	134/104 30	
					490					488	
10	145	468	446	5	147/143 4	151	304	452	5	153/149 4	
	+ 1624140 ✓				494	- 1154591 ✓				492 ✓	
	- 1154591									494	
BM 16-3A	+ 469549 ✓									986 ✓	
											BM 16-3A
											SAN BERNARDINO RD & IRWINDALE
											FB 2886-164

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

F.B. 4116 PG. 41

SURVEY BY Randall WEATHER INST. NO.

NOTES BY DATE TIME ROD NO.

INDEXED T. M. PALMERI DATE JUL 14 71 NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

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 16-4A									FROM BM 16-4A TO BM 16-3A
1	189	632	490 5	227 161 56	108	330	409 5	136 80 56	BM 16-4A
									RAMONA BLVD & 1ST AI. W. OF AZUS
2	154	550	455 5	185 123 62	120	898	421 5	150 90 60	F.B. 1380-290
				118				116	
3	161	120	462 5	191 131 60	100	387	401 5	130 78 60	
				178				176	⊼ ANDERSON
4	152	649	453 5	178 126 52	99	139	400 5	125 73 52	(RERUN)
				230				228	
5	150	032	451 5	180 120 60	112	410	413 5	142 82 60	
				290				288	
6	157	243	458 5	187 127 60	115	110	416 5	145 85 60	
				350				348	
7	165	733	466 5	194 136 58	119	112	420 5	147 91 56	
				408				404	
8	188	753	489 5	218 158 60	98	582	399 5	130 66 64	
				468				468	
9	153	072	454 5	165 141 24	129	839	430 5	141 117 24	
				492				492	
10	144	712	445 5	146 142 4	144	270	445 5	146 142 4	
	+ 1617	496 ✓		496	1148	077 ✓		496 ✓	
	− 1148	077						496	
	+ 469	419 ✓						992 ✓	
BM 16-3A									

BM 16-3A
SAN BERNARDINO RD & IRWINDALE
F.B. 2886-164

F.B. 4116 PG. 42 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON

INDEXED T. M. PALMERI DATE

WEATHER HAZY INST. NO. 75234

TIME 14:35 ROD NO. 1713 A-B

NOTES CHKD DATE

F84

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M.16-4A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M 16-4A TO B.M. 16-4B
1	176	140	477	5	202 150	52	218	362	519	5	246 190	56	B.M. 16-4A
					159						166		RAMONA BLVD., 1ST. P.I. WEST
2	143	748	444	5	127	32	151	208	452	5	136	30	OF AZUSA CYN.
					210	84					152	86	F.B 1380-290
3	193	950	494	5	176	34	131	771	432	5	110	42	
					100	118					73	128	
4	95	488	396	5	90	10	72	782	373	5	71	2	π = RODRIGUEZ
	+609	326				128	574	123				30	
B.M. 16-4B	-574	123										128	B.M. 16-4B
	+35	203										258	ROMONA BLVD & 0.1 M.E.
													OF PUENTE AVE
													F.B 1380-290

153

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 24-JUNE 171

INDEXED T. M. PALMERI DATE JUL 14 '71

WEATHER CLEAR & CALM

TIME 14:40

NOTES CHKD BLANCHARD DATE

INST. NO. 75234

ROD NO. 1713 AO

T = 86°

F.B. 4116 PG. 43

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 = 78°

F.B. 4116 Pg. 44 | JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE: 25-June '57

INDEXED I. M. PALMER DATE

WEATHER CLEAR & CALM INST. NO. 7523

TIME 09:50 ROD NO. 173 A.

NOTES CHKD BLANCHARD DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 16-4B TO B.M. 16-4A
B.M. 16-4B													
1	125	292	426	5	144 106	38	211	870	512	5	230 192	38	B.M. 16-4B
					191						141		ROMONA BLVD., 0.1 MI. E. OF REA
2	167	321	468	5	193	48	117	512	418	5	93	48	F.B. 1380-290
					179	86					151	86	T = RODRIGUEZ
3	170	341	471	5	161	18	143	010	444	5	135	16	
		070			174	104		902			200	102	
4	162	~~042~~ 072	463	5	150	24	187	~~92~~ 92	488	5	174	26	
	+625	024				128	660	294				128	
B.M. 16-4A							+625	024				128	B.M. 16-4A
							35	270				256	ROMONA BLVD., 16 FT. PT. W. OF AZUSA CYN.
													F.B. 1380-290

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. 16-4B									FROM B.M. 16-4B TO B.M. 16-5B
1	99	678	400 5	117 81 36	256	460	557 5	274 238 36	B.M. 16-4B
				122				209	ROMONA BLVD., 0.1 MI. E. OF PUENTE
2	97	310	398 5	72 50	182	912	483 5	155 54	F.B. 1380-290
				133 86				166 90	T = RODRIGUEZ
3	123	701	424 5	113 20	158	960	459 5	150 16	
				164 106				119 106	
4	150	019	461 5	136 28	105	219	406 5	91 28	
	+470	708		134	703	551		134	
B.M. 16-5B					+470	708		134	B.M. 16-5B
					-232	843		268	PUENTE AVE. & BIG DALTON WASH
									F.B. 3712-20

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

SURVEY BY J. RANDALL WEATHER CLEAR & CALM INST. NO. 75239

NOTES BY R. ANDERSON DATE 24-JUNE '71 TIME 15:00 ROD NO. 1213 A08

INDEXED T. M. PALMERI DATE JUL 14 '71 NOTES CHKD. BLANCHARD DATE

T ~ 86°

F.B. 4116 PG. 43

156

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4116 PG. 46 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY PARTY NOTES AUGERS on DATE: 25-JUNE '71

INDEXED T. M. PALMERI DATE

WEATHER CLEAR & CALM INST. NO. 7-5316

TIME 09:20 ROD NO. 17 & 21

NOTES CHKD BLANCHARD DATE JULY 1971

T = 78°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 16-5B TO B.M. 16-4B
B.M. 16-5B													
1	111	722	412	5	91 / 212	40	118	140	419	5	112 / 94 / 171	18	B.M. 16-5B
													PUENTE AVE. & BIG DALTON WASH
2	192	792	493	5	172	40	155	850	456	5	139	32	F.B. 3712-20
					172	80					126	80	
3	162	721	463	5	152	20	120	770	421	5	110	20	T = RODRIGUEZ
					286	100					126	100	
4	268	472	569	5	250	36	108	271	409	5	90	36	
	+ 735	707	/			136	- 503	031	/			136	
B.M. 16-4B	- 503	031										136	B.M. 16-4B
	+ 232	676	/									272	ROMONA BLVD. 0.1 MI. E. OF PUENTE AVE.
													F.B. 1380-290

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 WEATHER INST. NO.

NOTES BY DATE TIME ROD NO.

INDEXED DATE NOTES CHKD DATE

F.B. 4116 Pg. 47

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

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 16-5B	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. ~~5P~~ 16-5B TO B.M. 16-4B
1	104	460	405	5	126 / 82	44	116	260	417	5	130 / 94	44	B.M. 16-5B
					222						172		PUENTE AVE. & BIG DALTON
2	202	069	503	5	182	40	152	733	453	5	132	40	WASH F.B. 3712-20
					177	84					140	84	
3	167	590	468	5	157	20	130	632	431	5	120	20	$\bar{\Lambda}$ = RODRIGUEZ
					286	104					128	104	(RERUN)
4	270	740	571	5	254	32	112	301	413	5	112½	32	
+	744	859				136	511	926				136	
B.M. 16-4B	511	926										136	B.M. 16-4B
+	232	933										272	ROMONA BLVD., 0.1 MI. E.
													OF PUENTE AVE.
													F.B 1380-290

T = 62°

F.B. 4116 PG. 48 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE 29-JUNE '71

INDEXED T. M. PALMERI DATE

WEATHER CLOUDY & CALM INST. NO. 75234

TIME 08:30 ROD NO. 17/3A

NOTES CHKD BLANCHARD DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. RANDALL WEATHER Cloudy & Calm INST. NO 75234
NOTES BY R. ANDERSON/ DATE 29-JUNE '71 TIME 09:00 ROD NO 7713 Bol
INDEXED T. M. PALMERI DATE JL 14 71 NOTES CHKD DATE
T = 64°
F.B. 4116 PG. 49

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
B.M.16-5B													FROM B.M.16-5B TO B.M.16-7A
1	127	909	428	5	127 ½	50	248	189	549	5	227	42	B.M 16-5B
					119						210		PUENTE AVE. & BIG DALTON
2	106	984	467	5	93	26	192	758	493	5	174	36	WASH
					148	76					223	78	F.B. 3712-20
3	119	230	420	5	90	58	195	659	496	5	167	56	
	103	001	404	5	223	134					233	134	
4	195	659	496	5	167	79	198	321	499	5	163	70	
					151	209					235	204	T = RODRIGUEZ
5	118	894	419	5	85	66	201	138	502	5	167	68	
					167	270					236	272	
6	130	819	431	5	93	74	199	268	560	5	162	74	
					146	344					164	346	
7	136	340	437	5	126	20	154	394	455	5	144	20	
+	843	177				364	1389	727				366	
B.M.16-7A						+	843	177				364	B.M. 16-7A
						=	546	550				730	PUENTE AVE. & CHETNEY DR.
													F.B. 3712-21

251

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. 16-7A													FROM B.M. 16-7A TO B.M. 16-5B
1	189	762	490	5	213 165	48	137	069	438	5	161 137½	48	B.M. 16-7A
					224						152		PUENTE AVE. & CHETNEY DR.
2	185	642	486	5	146	78	113	451	414	5	74	78	F.B. 3712-21
					234	126					151	126	
3	197	232	498	5	160	74	114	201	415	5	77	74	
					238	200					133	200	
4	203	661	504	5	168	70	97	028	398	5	61	72	⊼ = RODRIGUEZ
					181	270					113	272	
5	160	360	461	5	139	42	92	912	393	5	71	42	
					276	312					140	314	
6	276	530	577	5	248½	56	112	090	413	5	112½	56	
	+1213	187				368	666	751				370	
B.M. 16-5B	666	751										368	B.M. 16-5B
	+546	436										738	PUENTE AVE. & BID DALTON WASH
													F.B. 3712-20

F.B. 4116 PG. 50 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET WEATHER CLOUDY & CALA INST. NO. 7523

SURVEY BY RANDALL NOTES ANDERSON DATE: 2-JULY/71 TIME 07:50 ROD NO. 1713

INDEXED T. M. PALMERI DATE NOTES CHKD BLANCHARD DATE

T = 640

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 Rodriguez WEATHER Hazy INST. NO. 75234
NOTES BY T. M. PALMER DATE 29 JUNE 71 TIME 9:45 ROD NO. 173 MB
INDEXED T. M. PALMER DATE JUL 14 71 NOTES CHKD DATE
T=66° F.B. 2116 PG. 51

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		
B.M. 16-7A													FROM B.M. 16-7A TO B.M. 16-8A
1	133	156	434	5	167 99	68	187	367	488	5	231 153	68	B.M. 16 - 7A
													PUENTE AV. @ CHOTNEY DR.
2	138	819	439	5	170 106	64	188	619	489	5	220 156	64	E.B. 3712-21
						132						132	T PETERSON
3	103	687	404	5	132 74	58	200	956	501	5	229 171	58	
						190						190	
4	108	875	409	5	137 79	58	203	689	504	5	232 174	58	
						248						248	
5	122	282	423	5	152 92	60	190	694	491	5	222 160	62	
						308						310	
6	165	373	466	5	176 154	22	167	491	468	5	177 157	20	
	+ 772	192				330	1138	816				330	
							772	192				330	
B.M. 16-8A							- 366	624				660	B.M. 16-8A
													PUENTE AV @ Clydewood
													E.B. 3712-23

243

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 BM16-8A TO BM16-7A
BM16-8A													
1	162	067	463	5	181 / 143	38	105	612	406	5	123 / 87	36	BM16-8A
													PUENTE @ CLYDEWOOD
2	200	276	501	5	228 / 172	56	132	989	433	5	160 / 104	56	F.B 3712-23
						94						92	
3	211	407	512	5	236 / 186	50	119	180	420	5	146 / 94	52	⊼ PETERSON
						144						146	
4	203	711	504	5	227 / 179	48	148	407	449	5	173 / 123	50	
						192						196	
5	170	994	471	5	198 / 142	56	148	615	449	5	174 / 122	52	
						248						248	
6	188	710	489	5	214 / 162	52	115	745	416	5	140 / 90	50	
	+ 1137	165				300	770	548				298	
	- 770	548										300	
BM16-7A	+ 366	617										598	BM16-7A
													PUENTE AV @ CHOTNEY DR.
													F.B 3712-21

F.B. 4116 PG. 52 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVELS

SURVEY BY Randall NOTES Rodriguez 1 July 71

INDEXED T. M. PALMERI DATE

WEATHER Hazy INST. NO. 25231

TIME 14:00 ROD NO. 1713 140

NOTES CHKD BLANCHARD DATE

TE 82°

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
BM16-8A													FROM BM16-8A TO BM16-9A
1	108	131	409	5	137 79	58	197	467	498	5	226 168	58	BM16-8A
													PUENTE AV @ Clydewood
2	144	563	445	5	169 119	50	206	114	507	5	232 180	52	F.B. 3712-23
						108						110	π PETERSON
3	135	583	436	5	166 104	62	190	305	491	5	222 158	64	
						170						174	
4	115	162	416	5	145 85	60	192	383	493	5	221 163	58	
						230						232	
5	121	936	422	5	150 92	58	200	539	501	5	228 172	56	
						288						288	
6	156	477	457	5	186 126	60	167	427	468	5	197 137	60	
						348						348	
7	106	196	407	5	137 75	62	182	200	483	5	213 151	62	
						410						410	
8	105	659	406	5	120 90	30	183	573	484	5	199 167	32	
	+ 993	707				440	1520	008				442	
							+ 993	707				440	
BM16-9A							526	301				882	BM16-9A
													PUENTE AV @ Merced AV.
													F.B. 3712-25

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 29 JUNE 71 WEATHER HAZE T= 78° INST. NO. 75234

INDEXED T. M. PALMERI DATE JUL 14 71 TIME 10:45 ROD NO. 1713 AB

NOTES CHKD DATE

F.B. 4116 PG. 53

281

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
BM16-9A									FROM BM16-9A TO BM16-8A
1	227	921	528 5	255 199 56	133	503	434 5	161 105 56	BM 16-9A
									PUENTE @ MERCED
2	169	430	470 5	194 144 50	132	921	433 5	157 107 50	F.B. 3712-25
				106				106	
3	172	671	473 5	194 150 44	133	611	434 5	157 109 48	⊼ PETERSON
				150				154	
4	196	052	497 5	223 169 54	127	297	428 5	152 102 50	
				204				204	
5	192	398	493 5	222 162 60	122	743	423 5	151 93 58	
				264				262	
6	189	878	490 5	219 159 60	141	741	442 5	171 111 60	
				324				322	
7	221	477	522 5	246 196 50	124	407	425 5	150 98 52	
				374				374	
8	194	471	495 5	220 168 52	118	333	419 5	145 91 54	
				426				428	
9	164	113	465 5	169 159 10	167	258	468 5	171 163 08	
	+ 1728	411		436	1201	814		436	
	- 1201	814						436	
BM16-8A	+ 526	597						872	BM 16-8 A
									PUENTE @ CLYDEWOOD
									F.B. 3712-23

F.B. 4116 PG. 54 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Randall NOTES Rodriguez 1 July 71

INDEXED T. M. PALMERI DATE

WEATHER Hazy TIME 13:00 NOTES CHKD BLANCHARD

INST. NO. 75234 ROD NO. 1713AB DATE

T = 82°

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 Rodriguez Randall DATE 2 July 71 TIME 10:25 WEATHER Hazy INST. NO 75235
NOTES BY T. M. PALMERI DATE 14 July NOTES CHKD DATE ROD NO 17818
INDEXED F.B. 4116 PG 55

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM16-8A													FROM BM16-8A TO BM16-9A
1	104	482	405	5	130 78	52	166	209	467	5	173 139	34	BM 16-8A PUENTE @ Clydewood
2	120	860	421	5	149 91	58	226	929	527	5	256 196	60	F.B. 3712-23
3	141	418	442	5	170 112	58 110	190	289	491	5	219 161	58 114	T. PETERSON (RERUN)
4	122	719	423	5	150 94	56 168	(NOTE 7						
5	127	678	438	5	156 98	58 224	206	306	507	5	214 160 236 176	54 226 60	
6	154	678	466	5	188 120	68 282	185	097	486	5	217 153	64 286	
7	134	532	435	5	150 118	32 350	167	041	468	5	183 151	32 350	
8	131	860	432	5	155 107	48 382	735	866	536	5	260 210	50 382	
+	1038	227				430	1564	924				432	
							+ 1038	227				430	
BM16-9A							526	697				862	BM 16-9A PUENTE @ Merced F.B. 3712-23

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 75234 ROD NO. 1713 1B

SURVEY OF C.A. CO. PRECISE Level NET WEATHER Hazy

SURVEY BY Randall NOTES Redrawn 2-July 71 TIME 9:15 NOTES CHKD

INDEXED T. M. PALMER DATE DATE

F.B. 4116 PG. 56 JOB NO. 0301.02

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM16-9A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM16-9A TO BM16-8A
1	229	008	530	5	238 200	58	129	953	430	5	158 100	58	BM16-9A PUENTE @ MERCED
2	173	478	474	5	204 142	62	128	257	429	5	160 96	64	FB 372-25
3	176	567	477	5	293 179	120 54	137	998	438	5	168 118	122 50	T PETERSON (REGUN)
4	218	855	519	5	251 185	174 66	115	803 ~~083~~	416	5	149 81	176 68	
5	169	984	470	5	196 142	240 54	109	503	410	5	134 84	244 50	
6	180	098	481	5	207 153	294 54	103	006	404	5	130 76	294 54	
7	193	164	494	5	221 165	348 56	147	593	448	5	175 119	348 56	
8	197	771	498	5	213 181	409 32	140	296	441	5	155 125	409 30	
	+ 1538	925				486	1012	409				434	
	- 1012	409										436	
BM16-8A	+ 526	516										870	BM 16-8A PUENTE AV @ Clydewood F.B. 372-23

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
BM16-9A									FROM BM16-9A TO BM16-10A
1	173	884	474 5	188 158 30	269	695	570 5	284 254 30	BM 16-9A
									PUENTE @ Merced
2	54	529	355 5	64 44 30	258	517	559 5	268 248 20	F.B 3712-25
				50				50	⊼ PETERSON
3	53	624	354 5	68 38 30	267	559	568 5	282 252 30	
				80				80	
4	50	636	351 5	68 32 36	203	877	504 5	220 186 34	
				116				114	
5	156	183	457 5	176 136 40	80	407	381 5	102 58 44	
				156				158	
	243	589	544 5	257 229 28	75	157	376 5	87 63 24	
				184				182	
7	258	447	559 5	268 248 20	71	256	372 5	81 61 20	
				204				202	
8	236	688	537 5	249 223 26	120	824	421 5	133 107 26	
				230				228	
9	101	561	402 5	128 74 54	220	302	521 5	247 193 54	
				284				282	
10	121	864	422 5	150 92 58	135	093	436 5	164 106 58	
				342				340	
11	168	798	469 5	191 145 46	139	412	440 5	163 115 48	
				388				388	
12	163	715	464 5	173 153 20	111	471	412 5	121 101 20	
	+1783	518		408	-1953	570		408	-
					+1783	518		408	
BM16-10A					-170	052		816	BM. 16-10A
									PUENTE AV @ BRIDGE OVER
									WALNUT CREEK
									FB 2886-166

270

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

SURVEY BY Randall

NOTES BY RODRIGUEZ DATE 29 JUNE 71

INDEXED T. M. PALMERI DATE JUL 14 '71

WEATHER HAZE

TIME 13:00

NOTES CHKD

INST. NO. 75234

ROD NO. 1713AB

DATE

T=84

F.B. 4116 PG. 57

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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
BM16-10A									FROM BM16-10A TO BM16-9A
1	106	247	407 5	125 87 38	187	641	488 5	205 169 36	BM16-10A
									PUENTE @ BRIDGE
2	143	356	444 5	171 115 56	168	329	469 5	197 139 58	OVER WALNUT CREEK.
				94				94	F.B 2886-166
3	170	058	471 5	194 146 48	147	696	448 5	171 123 48	
				142				142	K PETERSON
4	257	325	558 5	284 230 54	143	308	444 5	170 116 54	
				196				196	
5	54	936	355 5	72 36 36	288	317	589 5	1/2 288 270 36	
				232				232	
6	15	333	316 5	1/2 33 15 36	252	106	553 5	269 235 34	
				268				266	
7	95	423	396 5	115 75 40	145	801	446 5	165 125 40	
				308				306	
8	253	263	554 5	276 230 46	13	697	314 5	1/2 34 12 44	
				354				350	
9	283	504	584 5	298 268 30	29	477	330 5	46 12 34	
				384				384	
10	299	487	600 5	1/2 299 287 24	101	822	402 5	113 89 24	
				408				408	
11	145	195	446 5	149 141 08	176	088	477 5	180 172 08	
	+ 1824	127		416	1654	282		416	
	÷ 1654	282						416	
BM16-9A	+ 169	845						832	BM16-9A
									PUENTE @ MERCED
									F.B. 3712-25

F.B. 4116 PG. 58 JOB NO. 0301-02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Randall NOTES Rodriguez 1 July 71

INDEXED T. M. PALMERI DATE

WEATHER Hazy INST. NO. 25239

TIME 10:45 ROD NO. 1713AE

NOTES CHKD BLANCHARD DATE

T = 76°

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDALL WEATHER HAZY INST. NO. 7523
NOTES BY PETERSON DATE JUNE 29, 1971 TIME 14:25 ROD NO. 1713A
INDEXED T. M. PALMER DATE JUL 14 71 NOTES CHKD DATE
F.B. 4116 PG. 59
T = 88

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM 16-10A									FROM BM 16-10A TO BM 16-10B
1	94 062	395	5	106 84 20	174	588	475	5 184 164 20	BM 16-10A
								194	PUENTE AVE & BRIDGE OVER
2	97 707	398	5	127 67 60	164	620	465	5 134 60	WALNUT CREEK
				80				184	F.B. 2886-166
3	47 768	348	5	76 18 58	155	082	456	5 126 58	
				138				138	T ANDERSON
4	120 422	421	5	137 108 29	114	922	415	5 126 102 24	
	+359 959			162	609	212		162	
					+359	959		162	
					-249	253		324	
								4	
BM 16-10B									BM 16-10B
									PUENTE AVE & FRANCISQUITO
									F.B. 2886-167.

170

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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	
BM 16-10B									FROM BM 16-10B TO BM 16-10A
1	152	702	453 5	180 124 56	97	018	398 5	125 69 56	BM 16-10B
									PUENTE AVE & FRANCISQUITO
2	198	482	499 5	234 162 72	101	474	402 5	137 65 72	FB, 2886-167
				128				128	
3	134	910	435 5	154 114 40	38	260	339 5	38 19(L) 38	⊼ ANDERSON
	+486	094		168	236	752		166	
	-236	752						168	
BM 16-10A	+249	342						334	
									BM 16-10A
									PUENTE AVE & BRIDGE OVER WALNUT CR
									FB 2886-166

F.B. 4116 PG. 60 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON

INDEXED T. M. PALMERI DATE

WEATHER HAZY INST. NO. 75234

TIME 10:15 ROD NO. 1713AB

NOTES CHKD BLANCHARD 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.

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

SURVEY BY RANDALL WEATHER HAZY INST. NO. 75234

NOTES BY PETERSON DATE 29 JUNE 71 TIME 14:50 ROD NO. 17B AC

INDEXED T. M. PALMERI DATE JUL 1 4 71 NOTES CHKD BLANCHARD DATE

T=86

F.B. 4116 Pg. 61

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 16-10 B									FROM BM 16-10B TO BM-16-11 B
1	134	490	435 5	138 130 8	131	712	432 5	134 128 6	BM 16-10 B
2	108	600	409 5	137 79 58	175	720	476 5	205 145 60	PUENTE AVE & FRANCISQUITO
				66				66	FB 2886-167
3	90	668	391 5	119 61 58	173	932	474 5	202 144 58	
				124				124	TANDERSON
4	108	762	409 5	138 78 60	184	228	485 5	213 155 58	
				184				182	
5	128	747	429 5	159 97 62	170	355	471 5	202 138 64	
				246				246	
6	96	270	397 5	129 63 66	188	104	489 5	223 153 70	
				312				316	
7	106	932	407 5	141 71 70	161	570	462 5	191 131 60	
				382				376	
8	115	472	416 5	144 86 58	162	900	463 5	195 129 66	
				440				442	
9	127	310	428 5	136 118 18	80	378	381 5	89 71 18	
				458				460	
10	79	170	380 5	102 56 46	164	753	465 5	188 140 48	
				504				508	
11	104	242	405 5	139 69 70	194	759	495 5	227 161 66	
				574				574	
12	104	482	405 5	140 68 72	160	522	461 5	197 123 74	
				646				648	
13	119	412	420 5	141 97 44	154	028	455 5	175 133 42	
	+1424	557		690	~~2109~~			690	
					-2102	961		690	BM 16-11 B
BM 16-11 B					+1424	557		1380	PUENTE AVE & AMAR
					-678	404			FB 3712-32

355

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 16-11B									FROM BM 16-11B TO BM 16-10B
1	157	597	458 5	191 123 68	98	725	399 5	132 64 68	BM 16-11B
									PUENTE AVE & AMAR
2	184	062	485 5	220 148 72	102	283	403 5	138 66 72	F.B. 3712-32
				140				140	
3	170	553	471 5	204 136 68	145	817	446 5	178 112 66	
				208				206	ANDERSON
4	179	815	480 5	214 144 70	90	765	391 5	125 55 70	
				278				276	
5	150	668	451 5	184 116 68	111	458	412 5	144 78 66	
				346				342	
6	179	195	480 5	214 144 70	109	320	410 5	146 72 74	
				416				416	
7	171	728	472 5	206 136 70	91	238	392 5	126 56 70	
				486				486	
8	172	393	473 5	208 136 72	111	042	412 5	146 76 70	
				558				556	
9	189	863	490 5	225 155 68	90	168	391 5	124 56 68	
				626				624	
10	185	152	486 5	214 156 58	112	108	413 5	142 82 60	
+	1741	026		6584	1062	924		6584	
-	1062	924						6584	
BM 16-10B +	678	102						1368	
									BM 16-10B
									PUENTE AVE & FRANCISQUITO
									F.B. 2886-167

F.B. 4116 PG. 62 JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON

INDEXED T. M. PALMERI DATE

WEATHER HAZY INST. NO. 75234

TIME 09:15 ROD NO. 713AB

NOTES CHKD DATE

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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 16-11B									FROM BM 16-11B TO BM 16-12B
1	132	943	433 S	166 98 68	186	612	487 S	220 152 68	BM 16-11B
									PUENTE AVE & AMAR
2	111	203	412 S	145 72 68	164	071	465 S	198 130 68	FB 3712-32
				136				136	
3	116	488	417 S	150 82 68	168	608	469 S	202 134 68	
				204				204	⊼ ANDERSON
4	113	472	414 S	142 84 58	168	503	469 S	197 139 58	
				262				262	
5	109	410 OK	410 OK S	126 92 34	131	951	432 S	102 115 32	
	+ 583	516		296	819	745		294	
					+ 583	516		296	
BM 16-12B					- 236	229		590	
									BM 16-12B
									PUENTE AVE & TEMPLE
									F.B. 3712-34

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

SURVEY BY BANDALL

NOTES BY PETERSON DATE 30 JUNE 71 WEATHER HAZY INST. NO 75234

INDEXED T. M. PALMERI DATE JUL 14 '71 TIME 08:45 ROD NO 1713AB

NOTES CHKD DATE

F.B. 4116 PG. 63

T= 16

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4116 Pg. 64 | JOB NO 630102 | SURVEY OF L.A.Co. PRECISE LEVEL NET | SURVEY BY R. RANDALL NOTES PETERSON | INDEXED T. M. PALMERI DATE

T=66 | WEATHER PTLY CLOUDY | TIME 08:55 | NOTES CHKD | INST. NO 75234 | ROD NO 1713 B | DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS 16-11B
BM 16-12B	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 16-12B TO BM 16-11B
1	151	170	452	5	125 117	68	87	232	388	5	154 54	66	BM 16-12B PUENTE AVE & TEMPLE
2	166	60	3467	5	201 131	70	108	550	409	5	143 73	70	FB. 3712-34
						138						136	
3	164	458	465	5	200 128	72	112	910	413	5	148 76	72	
						210						208	J ANDERSON
4	169	881	470	5	207 131	76	107	065	408	5	148 66	82	
	+ 652	112			286		415	757			290		
	- 415	757									286		
BM 16-11B	236	355									576		BM 16-11B PUENTE AVE & AMAR FB 3712-32

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. RANDALL
NOTES BY R. ANDERSON/ DATE 30-JUNE '71 WEATHER CLEAR & CALM INST. NO 78234
INDEXED T. M. PALMER/ DATE JUL 14 71 TIME 09:30 ROD NO 1713 Hey
NOTES CHKD DATE

T = 78°

F.B. 4116 PG. 65

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA	FORESIGHT RIGHT	MIC.	LEFT.		STADIA	DESCRIPTION AND REMARKS 119A
BM 16-12B											FROM BM 16-12B TO BM 11-~~119~~
1	137	073	438	5	106 62	181	738	482	5	151½ 60	B.M. 16-12B
					126					212	PUENTE AVE. & TEMPLE
2	146	552	447	5	116 60	182	901	483	5	152 60	F.B. 3712 - ~~34~~ 33
					134 122					214 120	
3	104	629	405	5	74 60	184	500	485	5	154 60	
					138 182					198 180	T = RODRIGUEZ
4	110	462	411	5	82 56	170	860	471	5	142 56	
					164 238					231 236	
5	139	742	490	5	114 50	201	250	503	5	171 60	
					172 288					200 296	
6	137	549	438	5	102 70	169	230	470	5	138 62	
					~~174~~ 358					200 358	
7	145	578	446	5	111 60	172	972	473	5	149 56	
					228 418					98 414	
8	197	282	498	5	166 62	64	600	365	5	64½ 68	
					168 480					149 482	
9	153	510	454	5	148 10	144	379	445	5	139 10	
	+1272	377			490	-1471	930			492	
B.M. 11-119A						+1272	377			490	B.M. 11-119A
						199	553			982	PUENTE AVE. & VALLEY BLVD.
											F.B.

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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 75234 ROD NO 713 A8

WEATHER CLEAR & CALM TIME 1500 NOTES CHKD DATE

T=82

SURVEY OF L.A. CO. PROFILE LEVEL NET JOB NO 03 of .02

SURVEY BY RANDALL NOTES PETERSON

INDEXED T. M. PALMERI DATE

F.B. 4116 Pg. 66

STATION	BACKSIGHT				STADIA	FORESIGHT				STADIA	DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.			RIGHT	MIC.	LEFT.			FROM BM 11-419A TO BM 16-12B
1	125	302	426	5	151 99 52	250	668	551	5	327 323 54	BM 11-419A PUENTE AVE & VALLEY BLVD
2	153	040	454	5	170 136 34	163	059	464	5	180 146 34	F.B.
					86					88	
3	176	011	477	5	208 144 64	143	842	444	5	176 110 66	
					150					154	T. RODRIGUEZ
4	175	152	496	5	194 156 38	114	122	415	5	130 98 32	130 98 32
					188					186	
5	139	173	446	5	172 106 66	130	659	431	5	163 98 66	163 97
					254					252	
6	205	169	506	5	240 170 70	132	292	433	5	166 98 68	
					324					320	
7	165	002	466	5	199 131 68	76	193	377	5	111 41 70	
					392					390	
8	173	630	474	5	192 144 48	142	482	443	5	167 127 50	
					440					440	
9	152	972	453	5	166 138 28	138	852	439	5	157 129 28	
					468					468	
10	178	572	479	5	198 158 40	152	351	453	5	132 132 40	
					508					508	
	+ 1644	023				1444	520			508	
B.M. 16-12B	1444	520								1016	
	+ 199	513									

BM 16-12B PUENTE AVE & TEMPLE F.B. 3712-33

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 11-119A													FROM B.M. 11-119A TO B.M. 11-120A
1	44	829	345	5	68 20	48	166	442	467	5	190 142	48	B.M. 11-119A.
					190						155		PUENTE AVE. & VALLEY BLVD.
2	160	189	461	5	130	60	125	202	426	5	95	60	F.B.
					230	108					150	108	
3	199	018	500	5	168	62	119	120	420	5	88	62	
					192	170					164	170	
4	172	492	473	5	152	40	144	178	445	5	124	40	T = RODRIGUEZ
					175	210					185	210	
5	153	859	454	5	131	44	163	170	464	5	141	44	
					140	254					195	254	
6	117	548	418	5	94	46	172	410	473	5	149	46	
					170	300					232	300	
7	143	602	444	5	116	54	206	411	507	5	180	52	
					207	354					~~250~~	352	249
8	181	039	482	5	155	52	221	298	522	5	~~194~~	56	193
+	1172	576				406	1318	231				408	
B.M. 11-120A							1172	576				406	B.M. 11-120A
							145	655				814	WORKMAN MILL RD. & PROCTOR F.B.

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

SURVEY BY V. RANDALL

NOTES BY R. ANDERSON DATE 30-JUNE '71

INDEXED T. M. PALMFRI DATE JUL 14 '71

WEATHER CLEAR & CALM

TIME 10:35

NOTES CHKD

INST. NO 75234

ROD NO 1713 Ag

DATE

F.B. 4116 PG. 67

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

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F.B. 4116 Pg. 68 JOB NO 0301.02 SURVEY OF L.A. Co. PRECISE LEVEL NET WEATHER CLEAR & CALM INST. NO. 75232
SURVEY BY ABUDRU NOTES ANDERSON DATE: 30-JUNE'17 TIME 14:00 ROD NO 1713 MB
INDEXED T. M. PALMERI DATE NOTES CHKD DATE

T = 84°

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
B.M. 11-120A	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM B.M. 11-120A TO B.M. 11-119A
1	194	302	496	5	218 170 48	121	351	422	5	98 46	B.M. 11-120A WORKMAN MILL RD. E PROCTOR F.B.
2	159	662	460	5	189 129 60 108	125	480	426	5	156 94 62 108	
3	179	739	480	5	204 156 50 158	144	742	445	5	168 120 48 156	KRODRIGUES
4	177	190	478	5	198 156 42 200	154	730	465	5	178 130 48 204	
5	146	032	447	5	169 123 46 246	191	859	492	5	213 169 44 248	
6	135	100	436	5	160 110 50 296	183	579	484	5	208 158 50 298	
7	123	013	424	5	150 96 54 350	158	169	459	5	186 132 56 354	
8	144	479	485	5	166 122 44 394	139	371	440	5	170 128 42 396	
9	163	962	464	5	175 151 24 418	80	712	381	5	92 68 24 420	
10	147	420	448	5	150 144 6 424	125	492	426	5	124 123 4 424	
	+ 1570	899 ✓				1425	485 ✓			424	
	- 1425	485								848 ✓	
BM 11-119A	145	414 ✓									BM 11-119A PUENTE AVE & VALLEY BLVD F.B.

76P526 CE # 308 3-65

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY V. RANDALL
NOTES BY R. ANDERSON DATE 30-JUNE '71 TIME 11:20 WEATHER CLEAR & CALM INST. NO 25234 ROD NO 17328
INDEXED T. M. PALMERI DATE M 14 71 NOTES CHKD DATE
F.B. 4116 PG. 69

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
B.M.11-120A													FROM B.M. 11-120A TO B.M. 11-121
1	197	819	498	5	217 177	40	179	052	486	5	204 154	50	B.M. 11-120 A WORKMAN MILL RD. &
					188						182		
2	161	338	462	5	134	54	159	570	460	5	136	46	PROCTOR AVE.
					208	94					146	96	F.B.
3	183	232	484	5	158	50	122	220	423	5	98	48	
					252	144					137	144	
4	227	639	528	5	202	50	112	449	413	5	87	50	
					244	194					52	194	T = RODRIGUEZ
5	220	671	521	5	196	48	28	028	329	5	4	48	
					301	242					37	242	
6	301	452	602	5	276	1/2 50	12	482	313	5	12	1/2 50	
	261				273	292					84	292	
7	~~25~~	270	562	5	249	24	71	571	372	5	58	24	
					279	316					46	318	
8	279	589	580	5	256	1/2 46	23	729	324	5	0	46	
					208	362					102	364	
9	198	730	499	5	188	20	93	229	394	5	84	18	
					258	382					114	382	
10	243	141	544	5	228	30	99	781	400	5	84	30	
	+ 2274	881				412	902	111				412	
B.M.11-121	- 902	111										412	B.M. 11-121
	+ 1372	770										824	WORKMAN MILL RD. & LOMITAS F.B.

277

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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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F.B. 4116 PG. 70 | JOB NO. 0301.02 | SURVEY OF L.A.Co. PRECISE LEVEL NET | SURVEY BY RANDALL NOTES ANDREASEN DATE 30-JUNE '71 | INDEXED T. M. PALMER DATE | WEATHER CLOUDY & CALM INST. NO. 75234 | TIME 13:10 ROD NO. 7/3/8x8 | NOTES CHKD DATE

T = 88°

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
B.M. 11-121	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM B.M. 11-121 TO B.M. 11-120A
										284	
1	68	138	369	5	50 36	262	500	563	5	240 44	B.M. 11-121
					86					236	WORKMAN MILL RD & LOMITAS
2	49	514	350	5	32 34	220	962	521	5	204 32	F.B.
					106 70					300 76	
3	77	670	378	5	48 58	300	821	601	5	274½ 52	
					57 128					302 128	
4	42	402	343	5	27 30	285	402	586	5	268 34	
					36 158					276 162	
5	16	420	317	5	16 ½ 40	256	080	557	5	236 40	T = RODRIGUEZ
					89 198					202 202	
6	67	782	368	5	46 42	182	589	483	5	162 40	
					118 240					228 242	
7	92	932	393	5	66 52	203	789	504	5	178 50	
					138 292					188 292	
8	109	489	410	5	80 58	159	480	460	5	130 58	
					176 350					142 350	
9	150	910	451	5	124 52	115	330	416	5	88 54	
					217 402					277 404	
10	206	499	507	5	195 22	267	899	568	5	257 20	
	+ 881	756	✓		424	2254	852	✓		424 ✓	
B.M. 11-120A						- 881	756			424	B.M. 11-120A
						1373	096 ✓			848 ✓	WORKMAN MILL RD. & PROCTOR
											F.B.

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 1" = 84' F.B. 4116 PG. 71

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

NOTES BY R. ANDERSON DATE 2-VI-71 TIME 13:40 ROD NO. 17134

INDEXED T. M. PALMER DATE VI 14 71 NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
B.M.11-120A													FROM B.M.11-120A TO B.M.11-121
1	194	104	495	5	168	52	176	929	477	5	148	52	B.M. 11-120 A
					197						159		WORMAN MILL RD. & PROCTOR
2	165	910	466	5	133	64	128	370	429	5	97	62	F.B.
					252	116					117	118	
3	216	431	517	5	180	72	83	782	384	5	49	68	
					285	188					49	186	
4	248	941	549	5	211	74	8	538	309	5	8 ½	72	
					279	262					100	258	
5	269	748	570	5	259	20	89	830	390	5	78	22	T = RODRIGUEZ
					284	282					53	280	(RERUN)
6	284	563	585	5	263 ½	42	32	220	333	5	11	42	
					268	324					90	322	
7	251	862	552	5	234	34	73	361	374	5	56	34	
					284	358					89	356	
8	284	262	585	5	260 ½	48	31	763	332	5	8	46	
	198	040	499	5	201	406					124	402	
9	197	882	498	5	192	12	116	039	417	5	108	16	
	+1377					418	740	832				418	
												418	B.M. 11-121
B.M. 11-121	+2113	861										836	WORMAN MILL RD. & LOMITAS
	- 740	832											F.B.
	+1373	029											

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-121 TO B.M. 11-120A
1	87	982	388 5	102 72 30	219	091	520 5	234 204 30	B.M. 11-121
				43				259	Workmanmill Road @ Lomitas
2	24	146	325 5	5 38	241	699	542 5	223 36	F.B.
				68 68				267 66	
3	43	240	344 5	18 50	241	172	542 5	215 52	
				38 118				287 118	
4	18	109	319 5	18 ½ 40	287	503	588 5	270½ 34	
				90 158				265 152	
5	78	059	379 5	66 24	251	892	552 5	237 28	T = RODRIGUEZ (RERUN)
				79 182				271 180	
6	59	202	360 5	39 40	251	649	552 5	231 40	
				170 222				266 220	
7	143	379	444 5	116 54	239	508	546 5	212 54	
				144 276				199 274	
8	125	661	426 5	106 38	179	829	480 5	159 40	
				~~250~~ 314				190 314	
9	138	403	439 5	166 110 56	161	748	462 5	132 58	
				203 370				221 372	
10	177	072	478 5	151 52	194	202	495 5	167 54	
+	895	253		422	2268	293		426	
B.M. 11-120A					+ 895	253		422	B.M. 11-120 A
					- 1373	040		848	WORKMAN MILL RD & PROCTOR
									F.B.

T = 82°

F.B. 4116 PG. 72 JOB NO. 0301.02

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

SURVEY BY RANDALL NOTES ANDERSON DATE 2 JULY '71 TIME 12:40 ROD NO. 1713A&B

INDEXED T. M. PALMERI DATE NOTES CHKD DATE

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

Survey of L.A. Co. Precise Level Net
J.N. 0301.02 Tape — Std — °F
Surveyed by Randall
Notes " Date Jul-71
Indexed L. J. GALLI MG 5-7

F.B. 4116 PG. 93

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

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403 Los Angeles County Engineering Bldg.

16F309S CE#310 1-65

LOS ANGELES COUNTY

LINE No 37 PRECISE LEVEL NET

J.N. 0301.02

JUL - 1971

REFERENCE

F.B. 1358
1367 → NOTE
1376
2886
2890
3709

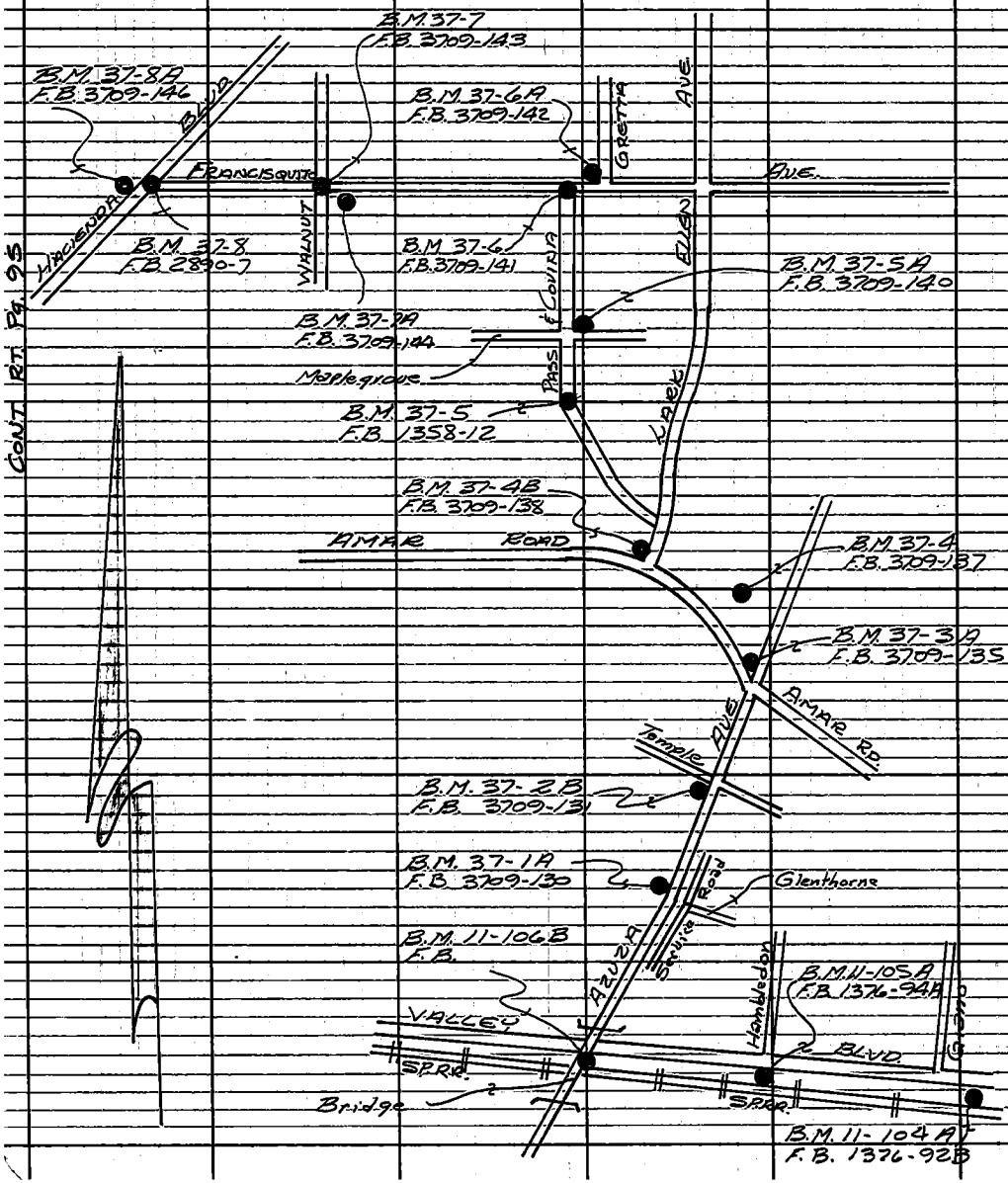
PARTY

RANDALL
ANDERSON
PETERSON, T.C.
RODRIGUEZ, R.J.
LOVE, L.C.
MOORE, RAY

F. B. 4116 Pg 94

ROUTE SKETCH
LINE No. 37

Pg 1 of 3 pg's



CONT. RT. Pg. 93

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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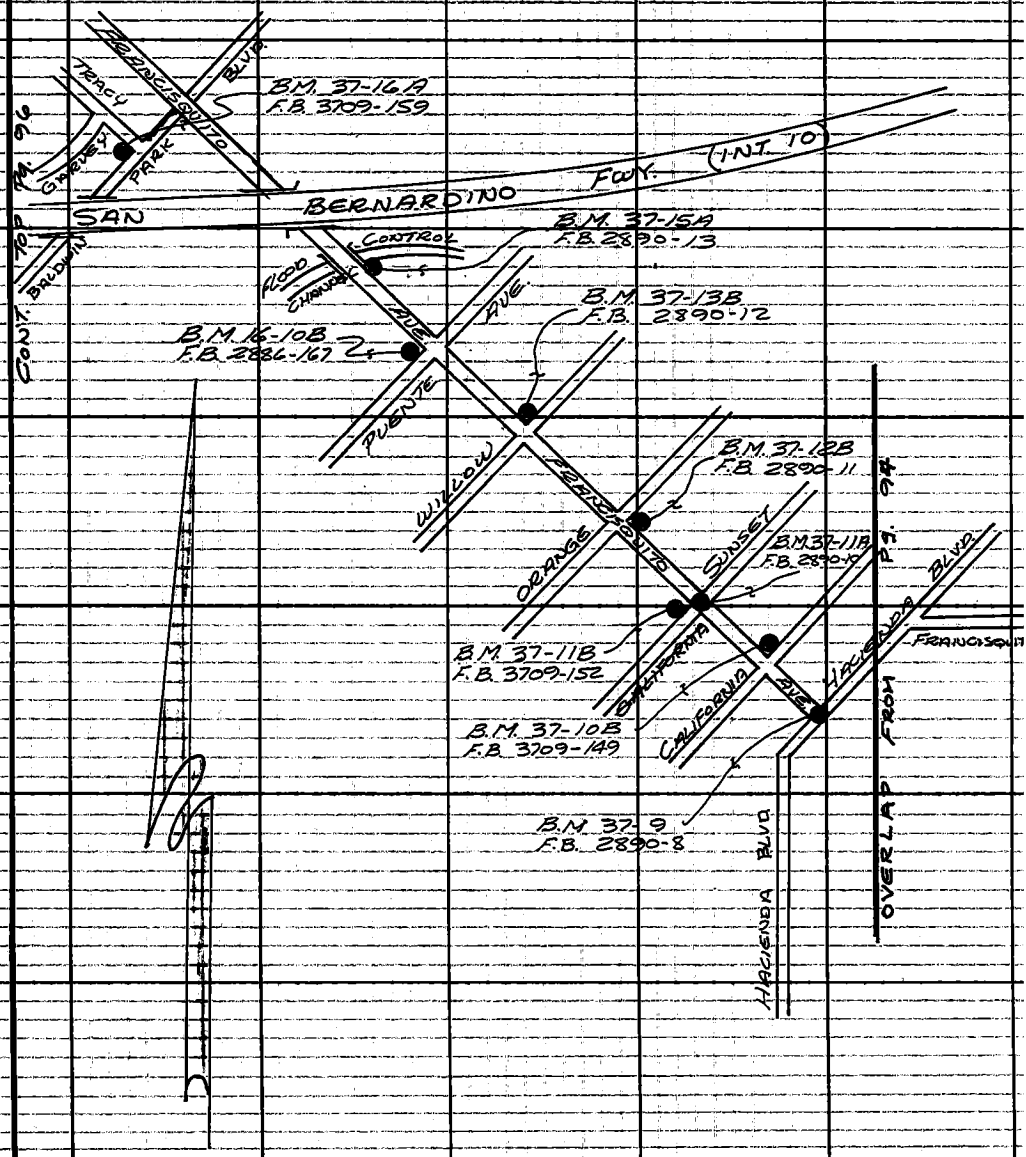
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of L.A.Co. PRECISE LEVEL NET F.B. 416 PG. 95
J.N. 030103 Tape — Std — °F
Surveyed by RANDALL
Notes " Date JUL-71
Indexed S.D. GALLI AUG 5 '71

ROUTE SKETCH
(CON'T.)
Pg. 2 of 3 Pg's



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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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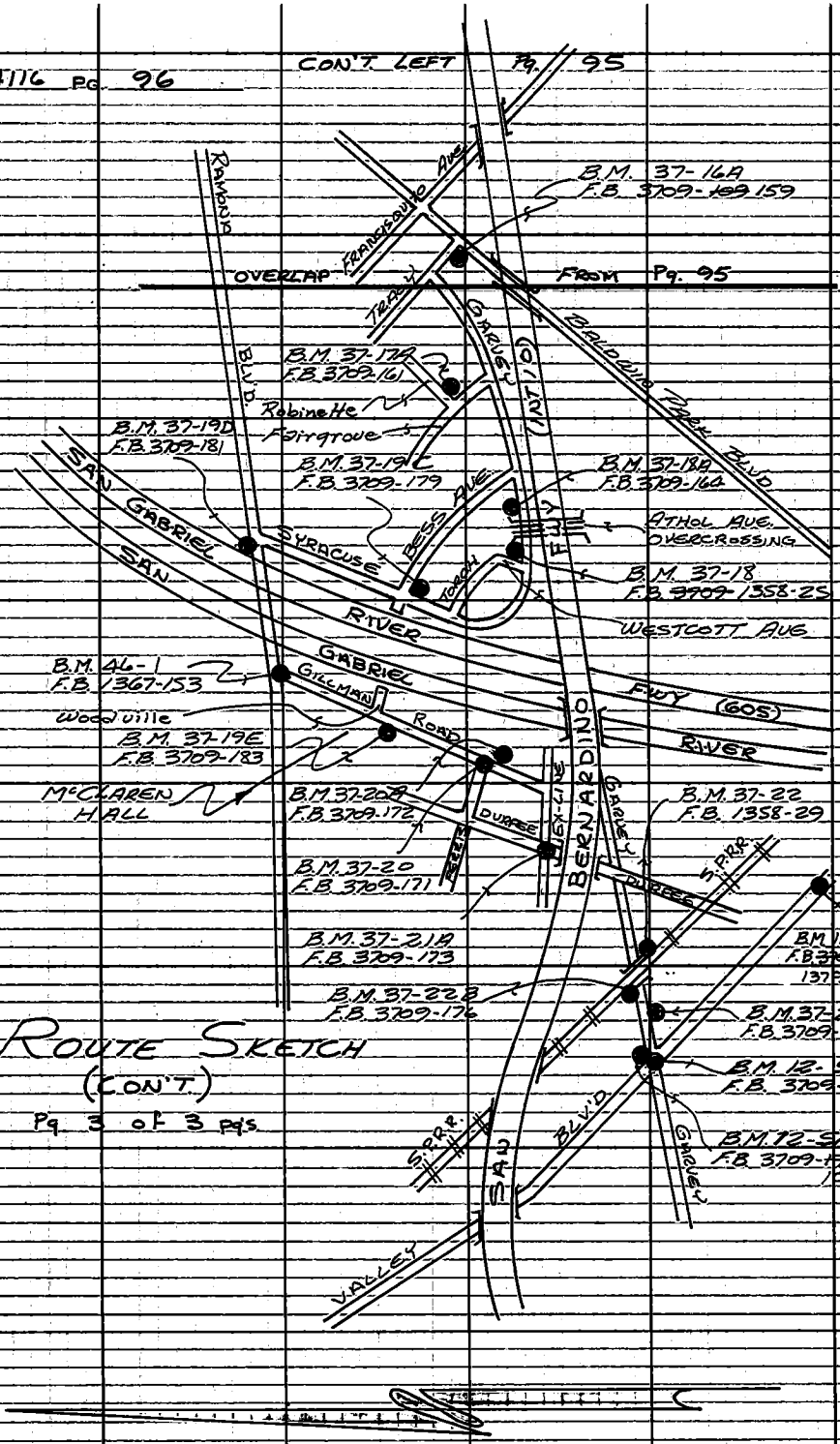
16F3095 CE#310 1-65

F.B. 4116 Pg. 96

CON'T LEFT Pg. 95



ROUTE SKETCH
(CON'T.)

Pg 3 of 3 Pg's

LOS ANGELES COUNTY ENGINEER
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 Randall WEATHER Hazy T=88° INST. NO 75234
NOTES BY Rodriguez DATE 6 July 71 TIME 13:10 ROD NO 1713A
INDEXED G. J. GALLI DATE AUG 5 '71 NOTES CHKD DATE
F.B. 4116 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"								
	NEAR ROD				FAR ROD				
1	156	028	457 5	161 151 60	129	742	430 5	159 99 60	60 M- 10 M= 50 M=0.20 mm
2	171	041	472 5	176 166 10	197	420	498 5	227 167 60	60 M- 10 M= 50 M=0.20 mm
	327	069		20	327	162		120	
								-20	
	+				-0.40 mm			100	Curvature Corr.=0.40 mm
					327	122			π PETERSON
					327	069			
					-	0.53			

mm= "C"

.005 mm= "C"
100 / 0.53

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 Clouds & Fog INST. NO 7529
NOTES BY PETERSON DATE 7-7-71 TIME 810 ROD NO 1713 A6
INDEXED J. GALLI DATE AUG 5 71 NOTES CHKD DATE
F.B. 4116 Pg. 99

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						T ANDERSON
			NEAR ROD				FAR ROD		
1	142	728	443 5	147 137 10	219	742	520 5	249 189 60	60 M - 10 M = 50 M = 0.20 mm
2	120	042	421 5	125 115 10	43	116	344 5	73 13 60	60 M - 10 M = 50 M = 0.20 mm
	262	770		20	262	858		120 - 20 100	
	+				-0.40 mm				Curvature Corr. = 0.40 mm
					262	818			
					262	770			
					-	048			
				mm = "C"					
	1								
					-	1005 mm = "C"			
					100 / 0.48				

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 Hazy INST. NO. 75234

NOTES BY " DATE 8-Jul-71 TIME 08:15 ROD NO. 1713A.B

INDEXED G. J. GALLI DATE AUG 5 71 NOTES CHKD. DATE

T=76°

F.B. 4116 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"								
	NEAR ROD				FAR ROD				
1	158	767	459 5	163 153 10	159	033	460 5	189 129 60	60 M- 10 M= 50 M=0.20 mm
2	149	421	450 5	154 144 10	149	209	450 5	179 119 60	60 M- 10 M= 50 M=0.20 mm
	308	188		20	308	242		120	
					-	0.40 mm		20	
	+				~~-0.~~	~~mm~~		100	= Curvature Corr.=0.40 mm
					308	202			
					308	188			
					-	0.14			

mm= "C"

.001 mm= "C"

100 / 0.14

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 DATE 9-Jul-71 WEATHER Haze INST. NO. 75234

NOTES BY " TIME 08:30 ROD NO. 1713A.B

INDEXED G. L. GALLI DATE AUG 5 71 NOTES CHKD. DATE

F.B. 4116 PG. 103

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	901	446 5	150 140 10	145	721	446 5	175 115 60	60M- 10 M= 50 M=0.20mm
2	163	981	464 5	168 158 10	164	272	465 5	194 134 60	60 M- 10 M= 50 M=0.20mm
	309	882		20	309	993		120	
					-	0.40mm		20	
	+				-0.	mm		100	=Curvature Corr.=0.40 mm
					309	953			
					309	882			
					-	0.71			

mm= "C"

.007 mm= "C"

100 / 0.71

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"								T = RODRIGUEZ
	NEAR ROD				FAR ROD				
				160				209	
1	155	919	456 5	150 10	179	029	480 5	149 60	60 M- 10 M= 50 M=0.20 mm
				149				151	
2	144	732	445 5	139 10	121	650	422 5	91 60	60 M- 10 M= 50 M=0.20 mm
	300	651		20	300	679		120	
	300	639						-20	
	+	0,12			-0.40 mm			100	Curvature Corr.=0.40 mm
					300	639			
					~~300~~	~~651~~			
					-	9,88			
	+	0.001	mm= "C"						
	100	10.120							
							mm= "C"		

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

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

NOTES BY R. ANDERSON DATE 12- JULY '71 TIME 08:00 ROD NO. 1713 A.B.

INDEXED R.J. BALL DATE AUG 5 '71 NOTES CHKD ____ DATE ____

T = 78°

F.B. 4116 PG. 105

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	755	453 5	157 / 147 10	139	597	440 5	169 / 109 60	60 M- 10 M= 50 M=0.20 mm
2	160	823	461 5	165 / 155 10	174	052	475	204 / 144 60	60 M- 10 M= 50 M=0.20 mm
	313	578		20	313	649		120	
								-20	
	+				-0.40 mm			100	Curvature Corr.=0.40 mm
					313	609			⊼ PETERSON
					313	578			
					-	0.31			
	+			mm= "C"					
	/								
					- 0.003 mm= "C"				
					100	0.310			
						300			
						100			

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

SURVEY BY Randall

NOTES BY RODRIGUEZ DATE 13 July 71 WEATHER overcast INST. NO. 75234

INDEXED [illegible] GALLI DATE [illegible] 5 71 TIME 8:10 ROD NO. 173AB

NOTES CHKD. DATE

F.B. 4116 PG. 107

T=76

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 V. RANDALL

NOTES BY R. ANDERSON DATE 14 - JULY '71 TIME 08:45

INDEXED G. J. GALLI DATE AUG 5 71 NOTES CHKD DATE

WEATHER CLEAR & CALM INST. NO. 75234 ROD NO. 1713 A&B

T = 82°

F.B. 4116 PG. 109

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				
				176				218	
1	171	832	472 5	166 10	188	999	489 5	158 60	60 M- 10 M= 50 M=0.20 mm
				159				167	
2	154	598	455 5	149 10	137	431	438 5	107 60	60 M- 10 M= 50 M=0.20 mm
	326	430			326	430		120	
	326	390						- 20	
	+	0.40			-0.40 mm			100	Curvature Corr.=0.40 mm
					326	390			
					-				
	+	0.004	mm= "C"						
	100	10.400							
							mm= "C"		

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 15 JULY 71 WEATHER PTLY CLOUDY INST. NO. 75234
INDEXED G.J. GALLI DATE AUG 5 '71 TIME ROD NO. 1713A3
NOTES CHKD. DATE
T=70°
F.B. 4116 PG. 111

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	143	003	444 5	148 138 10	149	973	450 5	179 119 60	60 M-10 M= 50 M=0.20 mm
2	138	868	439 5	143 133 10	132	065	433 5	162 102 60	60 M-10 M= 50 M=0.20 mm
	281	871		20	282	038		120	
	+				-0.40mm			20	Curvature Corr.=0.40 mm
					281	998		100	
					281	871			
					-	127			

mm= "C"

/

- .012 mm= "C"
100/1.27

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 FROM ____ TO ____
	DETERMINATION OF "C"								
									Π MOORE
	NEAR ROD				FAR ROD				
1	156	911	457 5	161 151 10	163	888	464 5	193 133 60	60 M- 10 M= 50 M=0.20 mm
2	156	435	457 5	161 151 10	149	410	450 5	179 119 60	60 M- 10 M= 50 M=0.20 mm
	313	346		20	313	298		120	
	313	258				-0.40 mm		20	
	+	0.88			-0. mm			100	Curvature Corr.=0.40 mm
					313	258			
					-				
		.008 mm= "C"							
	100	0.88							
						mm= "C"			

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

SURVEY BY Randall

NOTES BY ..

INDEXED G. J. GALLI DATE AUG 5 71

WEATHER Clear-Calm INST. NO. 75234

TIME 08:45 ROD NO. 1713A.B

NOTES CHKD. DATE

F.B. 4116 PG. 113

T= 74

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 T=76°
SURVEY BY RANDALL WEATHER HAZY SUN INST. NO 75234
NOTES BY MOORE DATE 20 JULY 71 TIME 8:45 ROD NO. 1713AB
INDEXED G. J. GALLI DATE AUG 5 '71 NOTES CHKD. DATE
F.B. 4116 PG. 115

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	821	468 5	172 162 10	186	159	487 5	216 156 60	60M- 10 M= 50 M=0.20 mm
2	153	893	454 5	158 148 10	135	708	436 5	165 105 60	60 M- 10 M= 50 M=0.20 mm
	321	714		20	321	867		120	
	+				-0.40mm			20	Curvature Corr.=0.40 mm
					321	827		100	
					321	714			
					-	113			

mm= "C"

-.011 mm= "C"
100/1.13

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 FROM ____ TO ____
	DETERMINATION OF "C"								π ANDERSON
	NEAR ROD				FAR ROD				
1	133	862	434 5	138 128 10	106	662	407 5	136 76 60	60 M-10 M=50 M=0.20 mm
2	143	062	444 5	148 138 10	170	332	471 5	200 140 60	60 M-10 M=50 M=0.20 mm
	276	924		20	276	994		120	
								20	
	+				-0.40 mm				Curvature Corr.=0.40 mm
					276	954		100	
					276	924			
					-	030			

mm= "C"

-.003 mm= "C"
100/0.30

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDALL
NOTES BY PETERSON DATE 7-21-71
INDEXED G.J. GALLI DATE AUG 5 '71
WEATHER HAZY
TIME 08:40
NOTES CHKD
DATE
INST. NO. 75234
ROD NO. 1713AB
F.B. 4116 PG. 117
T-82

T=72

F.B. 4116 PG.119

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

SURVEY BY RANDALL WEATHER HAZY INST. NO. 75234

NOTES BY PETERSON DATE 7-22-71 TIME 08:30 ROD NO. 1713A9

INDEXED J. GALLI DATE AUG 5 '71 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	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS (From ___ To ___)
			DETERMINATION OF "C"										R. ANDERSON
			NEAR ROD					FAR ROD					
1	147	983	448	5	152 142	10	186	962	487	5	216 156	60	60M- 10 M=50 M=0.20 mm
2	133	115	434	5	138 128	10	94	210	395	5	124 64	60	60M- 10 M= 50 M=0.20 mm
	281	098				20	281	172				120	
												-20	
	+						-0.	40mm				100	Curvature Corr.=0.40 mm
							281	132					
							281	098					
							-	034					

______ mm= "C"

$$\frac{0.34}{100} = -.003 \text{ mm} = \text{"C"}$$

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 — F.B. 4/16 PG. 121

SURVEY BY Randall — DATE 23-Jul-71 — WEATHER Hazy — INST. NO. 75234

NOTES BY " — TIME 0830 — ROD NO. 173AB

INDEXED — DATE — NOTES CHKD — DATE

T=78°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	154	440	455	5 159 / 149 10	119	416	420	5 149 / 89 60	60 M-10 M=50 M=0.20 mm
2	146	077	447	5 151 / 141 10	181	255	482	5 211 / 151 60	60 M-10 M=50 M=0.20 mm
	300	517		20	300	671		120	
						- 0.40 mm		20	
	+					-0. mm		100	Curvature Corr.=0.40 mm
						300 631			
						300 517			
						- 114			X Peterson
				mm= "C"					
	1								
						0 11 mm = "C"			
					100	01.14			

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 Rodriguez DATE July 6-71

INDEXED G. J. GALLI DATE AUG 5 '71

WEATHER Haze-Calm

TIME 9:55

NOTES CHKD [illegible] DATE

INST. NO 75234

ROD NO 1713AB

F.B. 4116 PG. 123

T= 76°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM11-104A													FROM BM11-104A TO BM11-105A
1	129	341	330	5	155 / 103	52	170	547	471	5	197 / 143	54	BM 11-104A
													Valley Blvd @ Giano
2	102	811	403	5	125 / 79	46	260	996	561	5	282 / 238	44	F.B 1376-~~94~~ 92B
						98						98	
3	149	019	450	5	177 / 121	56	147	721	448	5	175 / 119	56	⊼ PETERSON
						154						154	
4	98	583	399	5	126 / 70	56	189	711	490	5	217 / 161	56	
						210						210	
5	136	336	437	5	163 / 109	54	157	705	458	5	184 / 130	54	
						264						264	
	138	159	439	5	165 / 111	54	170	906	471	5	197 / 143	54	
						318						318	
7	151	148	452	5	178 / 124	54	170	306	471	5	198 / 142	56	
						372						374	
8	119	567	420	5	146 / 92	54	141	460	442	5	167 / 115	52	
						426						426	
9	156	944	457	5	174 / 138	36	160	817	461	5	178 / 142	36	
	+ 1181	908				462	1570	169				462	
							+ 1181	908				462	
BM11-105A							388	261				924	BM 11-105 A
													Valley @ Hambledon
													F.B 1376-94A

287

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4116 PG. 124 | JOB NO. 0301.02

SURVEY OF L A CO PRECISE LEVEL NET

SURVEY BY: RANDALL NOTES MOORE 22 JULY 71

INDEXED G.L. CALLI DATE

WEATHER HAZY INST. NO. 75234

TIME 1315 ROD NO. 1713 AB

NOTES CHKD DATE

T = 90°

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM BM 11-105A TO BM 11-104A
1	155	782	456	5	127 52	177	698	478	5	151 52	BM 11-105A
					210					151	VALLEY & HAMBLEDON
2	186	297	487	5	162 48	126	696	427	5	101 50	F.B. 1376-94A
					183 100					173 102	
3	160	090	461	5	131 46	149	319	450	5	125 48	
					193 146					158 150	
4	170	249	471	5	147 46	137	332	438	5	116 42	
					184 192					175 192	
5	162	405	463	5	140 44	152	586	453	5	129 46	
					197 236					148 238	
6	175	071	476	5	153 44	121	492	422	5	99 44	
					226 280					190 282	
7	204	055	505	5	182 44	167	635	468	5	144 46	T. PETERSON
					206 324					171 328	
8	184	122	485	5	162 44	151	673	452	5	121 40	
					151 368					89 368	
9	128	500	429	5	105 46	66	539	367	5	43 46	
					200 414					147 414	
10	181	291	482	5	162 38	127	264	428	5	107 40	
					268 452					208 454	
11	261	002	562	5	254 14	202	511	503	5	196 12	
	+ 1968	864 ✓			466	1580	745 ✓			466	
	- 1580	745								466	
BM 11-104A	+ 388	119 ✓								932	BM 11-104A
											VALLEY BLVD @ GIANO
											FB 1376-92B

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 11-106B	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 11-105A TO BM-11-106B
1	114	091	415	5	140 88	52	194	571	495	5	221 167	54	BM 11-105A
													Valley @ Hambledon
2	112	925	413	5	139 85	54	188	896	489	5	216 160	56	F.B 1376-94A
						106						110	⊼ PETERSON
3	124	587	425	5	150 98	52 62	188	090	489	5	212 164	48	
						158						158	
4	132	081	433	5	159 105	54	183	447	484	5	211 155	56	
						212						214	
5	138	579	439	5	164 112	52	182	862	483	5	210 154	56	
						264						270	
	130	296	431	5	157 103	54	174	830	475	5	198 150	48	
						318						318	
7	81	957	382	5	107 55	52	117	127	418	5	143 91	52	
						370						370	
8	155	869	456	5	169 143	26	112	291	413	5	125 99	26	
	+ 990	385 ✓				396 ✓	1342	114 ✓				396 ✓	
	2						990	385				396	
BM 11-106B							351	729 ✓				792 ✓	BM 11-106B
													Valley @ AZUSA AV.
													F.B.

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 6 July 71

INDEXED G.J. GALLI DATE AUG 5 71

WEATHER Hazy

TIME 11:10

NOTES CHKD

INST. NO 75234

ROD NO. 1713 HB

DATE

F.B. 4116 PG 125

TE 86

269

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

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

Do not extend notes this side of this line.

F.B. 4116 Pg. 126 | JOB NO. 0301.02 | SURVEY OF LA CO PRECISE LEVEL NET | SURVEY BY RANDALL NOTES MOORE 22 JULY 71 | INDEXED RANDALL DATE | NOTES CHKD DATE | WEATHER HAZY T=86° | TIME 1100 | ROD NO. 1713AB | INST. NO. 752334

STATION	BACKSIGHT				STADIA		FORESIGHT				STADIA		DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.				RIGHT	MIC.	LEFT.				FROM B.M. 11-106B TO BM 11-105A
BM 11-106B					146						151		
1	131	798	432	5	116	30	166	617	467	5	151	30	BM 11-106B
					97						89		VALLEY & AZUSA
2	73	761	374	5	49	48	66	492	367	5	43	46	F B
					212	78					146	76	
3	189	764	490	5	166	46	123	969	424	5	100	46	
					210	124					156	122	
4	182	269	483	5	154	56	128	022	429	5	100	56	
					207	180					164	178	
5	181	258	482	5	155	52	137	881	436	5	110	54	
					223	232					165	232	↑ PETERSON
6	196	802	497	5	169	54	138	243	439	5	111	54	
					205	286					~~144~~	286	13.8
7	182	667	483	5	159	46	114	640	415	5	~~87~~	48	90
					206	332					154	334	
8	185	913	486	5	164	42	133	422	434	5	112	42	
					171	374					135	376	
9	164	487	465	5	157	14	128	533	429	5	121	14	
	+1488	7194				388 ✓	1137	819 ✓				390 ✓	
	-1137	819										388	
BM 11-105A	+ 350	900 ✓										778 ✓	BM 11-105A
													VALLEY & HAMBLEDON
													F.B. 1376-94A

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. 11-105A					137						230		FROM B.M. 11-105A TO B.M. 11-106B
1	108	300	409	5	79	58	201	464	502	5	172	58	B.M. 11-105A
					140						211		VALLEY BLV'D. @ HAMBLEDON
2	110	403	411	5	80	60	181	719	482	5	151	60	F.B. 1376-94A
					156	118					217	118	
3	128	997	429	5	100	56	189	653	490	5	161	56	
					160	174					217	174	↑ Peterson
4	131	944	432	5	102	58	188	278	489	5	159	58	(Rerun)
					156	232					207	232	
5	128	946	429	5	100	56	179	348	480	5	151	56	
					161	288					244	288	
6	132	393	433	5	103	58	215	399	516	5	186	58	
					189	346					146	346	
7	177	469	478	5	165	24	134	498	435	5	122	24	
					190	370					168	370	
8	176	397	477	5	162	28	155	171	456	5	142	26	
	+ 1094	849 ✓				398 ✓	1445	530 ✓				396 ✓	
							+ 1094	849				398	
BM 11-106B							- 350	681 ✓				794 ✓	BM 11-106B
													VALLEY BLVD. & AZUSA AVE.
													F.B.

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

SURVEY BY RANDALL WEATHER HAZY INST. NO 75234

NOTES BY MOORE DATE 23 JULY 71 TIME 900 ROD NO 1713AB

INDEXED J. GALLI DATE AUG 5 71 NOTES CHKD DATE

F.B. 4116 PG. 127

F.B. 4116 PG. 128

JOB NO. 030102

SURVEY OF ____________

SURVEY BY Randell NOTES ____________

INDEXED ____________ DATE ____________

WEATHER ____________ INST. NO. ____________

TIME ____________ ROD NO. ____________

NOTES CHKD. BLANCHARD DATE AUG 6 '71

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

Do not extend notes this side of this line.

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

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

76P526 CE # 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 Rodriguez DATE 6 July 71 WEATHER Haze T=88° INST. NO. 7523

NOTES BY DATE TIME 13:30 ROD NO. 1713 AB

INDEXED G. J. GALLI DATE 5 '71 NOTES CHKD DATE

F.B. 4116 PG. 129

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM 11-106B													FROM BM 11-106B TO BM 37-1A
1	173	314	474	5	173 153	40	176	221	477	5	177 155	42	BM 11-106 B
2	186	883	487	5	212 160	52	95	891	396	5	121 69	52	Valley @ AZUSA AV
3	224	242	525	5	249 199	92 50	87	877	388	5	112 62	94 50	FB
4	202	453	503	5	227 177	142 50	123	039	424	5	148 98	144 50	⊼ PETERSON
5	235	886	536	5	257 213	192 44	76	361	377	5	98 54	194 44	
	255	235	556	5	280 230	236 50	40	031	341	5	65 15	238 50	
7	285	543	586	5	1/2 285 267	286 36	28	948	329	5	44 12	288 32	
8	289	760	590	5	1/2 289 271	322 36	14	354	315	5	1/2 32 14	320 36	
9	250	272	551	5	266 234	358 32	14	314	315	5	1/2 31 14	356 34	
10	284	923	585	5	301 267	390 34	90	130	391	5	103 77	390 26	
11	258	538	559	5	278 238	424 40	62	354	363	5	85 39	416 46	
12	142	257	443	5	150 134	464 16	111	677	412	5	119 103	462 16	
13	166	411	467	5	164 163	480 06	172	237	473	5	176 168	478 08	
	+ 2955	717 ✓				486	1093	434 ✓				486	
	- 1093	434										486	
	+ 1862	283 ✓										972	BM 37-1A - AZUSA AV @ Glendora
													FB. 3709 - 130

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 75234 ROD NO. 1713 AR DATE

WEATHER HAZY TIME 9:35 NOTES CHKD

T=80°

JOB NO. 0301.02 DATE

SURVEY OF LA CO PRECISE LEVEL NET

SURVEY BY RANDALL NOTES MOORE 22 JULY 71

INDEXED

F.B. 4116 PG. 130

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	MIC.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	MIC.	STADIA		DESCRIPTION AND REMARKS
BM 37-1A													FROM BM 37-1A TO BM 11-106B
1	94	596	395	5	71	46	262	832	563	5	240	44	B.M. 37-1A
					(4) 59						(1) 92		AZUSA AVE. @ GLENTHORNE
2	29	820	330	5	(4) 29	60	292	861	593	5	(3) 261	62	F.B. 3709-130
					33	106					276	106	
3	18	827	319	5	(4) 18	30	262	555	563	5	248	28	
					42	136					(1) 288	134	
4	28	341	329	5	14	28	288	211	589	5	(5) 272	32	
					29	164					288	166	
5	13	011	314	5	(4) 13	32	273	357	574	5	258	30	
					86	196					272	196	
6	64	596	365	5	42	44	249	810	550	5	226	46	
					(4) 57	240					265	242	
7	27	058	328	5	27	60	235	188	536	5	205	60	
					132	300					246	302	↗ PETERSON
8	107	881	408	5	82	50	222	658	523	5	198	48	
					108	350					235	350	
9	82	734	383	5	56	52	210	657	511	5	185	50	
					158	402					158	400	
10	135	306	436	5	112	46	134	272	435	5	110	48	
					163	448					195	448	
11	143	596	444	5	123	40	175	541	476	5	155	40	
	+ 745	820 ✓				488	2607	942 ✓				488 ✓	
							+ 745	820				488	
BM 11-106B							1862	122 ✓				976	BM 11-106B VALLEY & AZUSA F.B.

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 PETERSON DATE 7-7-71
INDEXED G. J. GALTS DATE AUG 5 '71
WEATHER CLOUDS & FOG
TIME 8:25
NOTES CHKD
DATE
INST. NO. 75230
ROD NO. 1713AB
F.B. 4116 PG. 131
T=64

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM 37-1A									FROM BM 37-1A TO BM 37-2B
1	255	029	556 5	291 219 72	51	225	352 5	87 15 72	BM 37-1A
									AZUSA AVE OPPOSITE GLENTHORNE
2	198	292	499 5	232 164 68	91	742	392 5	126 56 70	F.B. 3709-130
				140				142	
3	105	058	406 5	141 69 72	232 ~~214~~	373 ~~689~~	533 5 ~~575 5~~	268 196 72	268 196 ⊼ ANDERSON
				212				214	
4	56	412	357 5	87 25 62	237	872	538 5	271 203 68	
				274				282	
5	61	440	362 5	86 36 50	239	902	540 5	262 216 46	
				324				328	
6	25	910	326 5	50 0 50	249	864	550 5	271 227 44	
				374				372	
7	8	232	309 5	(½) 23 8 30	254	468	555 5	270 238 32	
				404				404	
8	34	072	335 5	50 18 32	254	652	555 5	271 237 34	
				436				438	
9	41	414	342 5	57 25 32	187	215	488 5	203 171 32	
	+ 785	859 ✓		468	- 1799	313 ✓		470 ✓	
					+ 785	859		468	
					- 1013	454 ✓		938 ✓	
BM 37-2B									BM 37-2B
									AZUSA AVE @ TEMPLE
									F.B. 3709-131

291

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO 75 234 ROD NO 1713 RB

WEATHER HAZY TIME 08:45 NOTES CHKD DATE

T=74

SURVEY OF L.A. Co. PRECISE LEVEL NET JOB NO 301.02

SURVEY BY RANDALL NOTES PETERSON 7-22-71

INDEXED G.T. GALLI DATE

F.B. 4116 PG. 132

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
BM37-2B	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM BM 37-2B TO BM 37-1A
1	241	487	542	S	256 226 30	48	592	349	S	64 34 28	BM 37-2B AZUSA AVE & TEMPLE
2	270	452	571	S	290 250 40	10	850	311	S	229 191 38	FB. 3709-131
					70					66	
3	266	693	567	S	254 218 36	9	832	310	S	229 189 40	
					106					106	TANDERSON
4	244	022	545	S	264 224 40	54	942	355	S	74 34 40	
					146					146	
5	227	618	528	S	250 204 46	78	550	329	S	102 54 48	
					192					194	
6	236	878	537	S	277 206 71	47	201	348	S	84 14 70	
					264					264	
7	212	270	513	S	254 190 64	136	508	437	S	168 108 60	
					328					328	
8	89	740	390	S	123 55 68	205	922	506	S	239 171 68	
					396					396	
9	69	090	370	S	98 40 58	231	510	532	S	361 201 60	
					454					456	
10	131	649	432	S	134 130 4	152	973	453	S	154 150 4	
	+ 1989	899	✓		460	976	820	✓		460	
	- 976	820								460	
	+ 1013	079	✓							920	
BM 37-1A											BM 37-1A AZUSA AVE OPPOSITE GLENTHOLM FB. 3709-130

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.37-1A									FROM B.M. 37-1A TO B.M. 37-2B
1	215	812	516 5	245 / 185 60	70	798	371 5	180 / 40 60	B.M. 37-1A
									AZUZA AVE, opposite Glenthorne
2	201	702	502 5	230 / 172 58	96	332	397 5	126 / 66 60	F.B. 3709-130
				118				120	
3	176	962	477 5	207 / 145 62	153	110	454 5	185 / 122 64	⊼ Anderson
				180				184	(RERUN)
4	67	670	368 5	94 / 40 54	203	440	504 5	229 / 177 52	
				234				236	
5	43	898	344 5	73 / 13 60	226	358	527 5	256 / 196 60	
				294				296	
6	49	138	350 5	75 / 23 52	261	898	562 5	238 / 230 54	
				346				350	
7	51	088	352 5	70 / 32 38	258	502	559 5	275 / 241 34	
				384				384	
8	19	063	320 5	36 / 2 34	259	222	560 5	277 / 241 36	
				418				420	
9	19	307	320 5	37 / 1 36	252 / ~~253~~	970	553 5	270 / 234 36	
				454				456	
10	40	263	341 5	57 / 23 34	115	782	416 5	131 / 99 32	
	+ 884	903		488	1898	412		488	
					+ 884	903		488	
BM 37-2B					1013	509		976	BM 37-2B
									AZUSA AVE & TEMPLE
									F.B. 3709-131

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

SURVEY BY RANDALL

NOTES BY PETERSON DATE 7-23-71

INDEXED B. J. GALLI DATE AUG 5 71

WEATHER HAZY

TIME 10:10

NOTES CHKD

INST. NO 75234

ROD NO 1713A

DATE

F.B. 4116 PG. 133

1 - 18

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.

75 234
INST. NO
ROD NO 1713 AK
DATE 8/6
CHKD P.M. RICHARD
NOTES
TIME 13:15
WEATHER HAZY & HOT
JOB NO 23010.2
SURVEY OF L.A. CO. RECLAMATION LEVEL NET
SURVEY BY RANDALL NOTES PETERSON 7-28-71
INDEXED L.L. SALTO DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	
BM 37-2B											FROM BM 37-2B TO BM 37-1A
1	281	262	582	5	307 / 240 — 42	17	732	318	5	(4) 37 — 40	BM 37-2B
											AZUSA AVE & TEMPLE
2	259	382	560	5	275 / 243 — 32	33	522	334	5	49 / 17 — 32	FB. 3709-131
					74					72	
3	282	969	583	5	(3) 282 / 261 — 42	16	750	317	5	(3) 37 / 16 — 42	
					116					114	
4	258	703	559	5	283 / 233 — 50	37	952	338	5	62 / 12 — 50	T ANDERSON
					166					164	(RERUN)
5	210	403	511	5	235 / 185 — 50	65	643	366	5	98 / 48 — 50	
					216					214	
6	199	760	500	5	224 / 174 — 50	79	083	580	5	104 / 54 — 50	
					266					264	
7	198	777	499	5	223 / 173 — 50	115	620	416	5	141 / 89 — 52	
					316					316	
8	106	822	407	5	131 / 81 — 50	172	095	473	5	196 / 148 — 48	
					366					364	
9	90	370	341	5	114 / 66 — 48	185	128	486	5	186 / 140 — 46	
					414					410	
10	84	438	385	5	104 / 64 — 40	295	859	536	5	258 / 212 — 46	
	+ 1972	886	✓		454	959	384	✓		456	
	- 959	384								454	
	+ 1013	502	✓							910	
BM 37-1A											BM 37-1A
											AZUSA AVE 200 SOUTH OF GLENDORA
											FB. 3709-130

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 BANDALL

NOTES BY PETERSON DATE JULY 7, 71

INDEXED G. J. GALLI DATE AUG 5 71

WEATHER CLOUDS & FOG

TIME 9:20

NOTES CHKD

DATE

INST. NO 75234

ROD NO 1713AB

F.B. 4116 PG 135 133

T= 68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 37-2B									FROM BM 37-2B TO BM 37-3A
1	67	692	368 5	87 / 47 40	200	732	501 5	218 / 182 36	BM 37-2B
									AZUSA AVE @ TEMPLE
2	72	968	373 5	96 / 48 48	147	148	448 5	172 / 122 50	F.B. 3709-131
				88				86	
3	162	276	463 5	195 / 129 66	80	715	381 5	113 / 47 66	
				154				152	⊼ ANDERSON
4	255	572	556 5	290 / 220 70	9	290	310 5	(½) 46 / 0 64	
				224				216	
5	244	050	545 5	262 / 226 36	31	473	332 5	53 / 9 44	
				260				260	
6	270	127	571 5	293 / 242 46	17	008	318 5	(½) 39 / 12 44	
				306				304	
7	252	595	553 5	276 / 228 48	35	862	336 5	58 / 12 46	
				354				350	
8	254	150	555 5	281 / 227 54	14	843	315 5	(½) 44 / 14 60	
				408				410	
9	180	333	481 5	198 / 162 36	57	842	358 5	75 / 39 36	
				444				446	
10	151	808	452 5	166 / 136 30	135	354	436 5	150 / 120 30	
+	1911	571 ✓		474 ✓	730	267 ✓		476 ✓	
-	730	267						474	
BM 37-3A	1181	304 ✓						950 ✓	
									BM 37-3A
									AZUSA AVE & AMAR
									F.B. 3709-135

292

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 37-3A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 37-3A TO BM 37-2B
1	118	338	419 5	134 / 102 32	169	539	470 5	185 / 153 32	BM 37-3A
									AZUSA AVE & AMAR
2	54	370	355 5	71 / 37 34	208	765	509 5	226 / 190 36	F.B. 3709-135
				66				68	
3	50	042	351 5	70 / 30 40	220	620	521 5	240 / 200 40	
				106				108	ANDERSON
4	58	448	359 5	76 / 40 36	225	271	526 5	243 / 207 36	
				142				144	
5	43	802	344 5	62 / 24 38	237	222	538 5	257 / 217 40	
				180				184	
6	37	262	338 5	57 / 17 40	253	692	554 5	271 / 235 36	
				220				220	
7	45	880	346 5	66 / 24 42	246	833	547 5	268 / 224 44	
				262				264	
8	44	855	345 5	65 / 23 42	212	880	513 5	237 / 187 50	
				304				314	
9	100	140	401 5	123 / 77 46	168	454	469 5	188 / 148 40	
				350				354	
10	116	110	417 5	134 / 98 36	149	802	450 5	165 / 133 32	
				386				386	
11	177	712	478 5	190 / 164 26	158	914	459 5	172 / 144 28	
				412				414	
12	250	075	551 5	270 / 230 40	26	652	327 5	46 / 6 40	
	+1097	034 ✓		452	2278	644 ✓		454 ✓	
BM 37-2B					+1097	034		452	
					-1181	610 ✓		906 ✓	
									BM 37-2B
									AZUSA AVE & TEMPLE
									F.B. 3709-131

F.B. 4116 PG. ~~134~~ 136

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 7-21-71

INDEXED G.J. GALLI DATE

JOB NO. 0301.02

T=94

WEATHER HAZY & HOT INST. NO. 75234

TIME 14:15 ROD NO. 7713AB

NOTES CHKD 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.

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

SURVEY BY Kendall WEATHER

NOTES BY " DATE TIME INST. NO.

INDEXED DATE NOTES CHKD DATE ROD NO.

F.B: 416 PG: 37

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

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. 37-3A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 37-3A TO B.M. 37-2B
1	112	902	413	5	134 90	44	237	333	538	5	259 215	44	B.M. 37-3A
													AZUZA AVE. @ AMAR Rd.
2	66	949	367	5	86 46	40	226	608	527	5	247 205	42	F.B. 3709-135
						84						86	
3	41	080	342	5	62 20	42	229	350	530	5	250 208	42	⊼ Anderson
						126						128	
4	13	464	314	5	(½) 38 13	50	268	208	569	5	293 243	50	
						176						178	
5	14	296	315	5	(½) 37 14	46	269	782	570	5	292 246	46	
						222						224	
6	37	292	338	5	60 14	46	245	608	546	5	268 222	46	
						268						270	
7	37	509	338	5	62 12	50	188	764	489	5	213 163	50	
						318						320	
8	88	867	389	5	115 61	54	159	540	460	5	183 135	48	
						372						368	
9	118	948	419	5	135 101	34	92	782	393	5	110 74	36	
						406						404	
10	223	041	524	5	242 204	38	17	634	318	5	(½) 37 17	40	
	+ 754	348				444	1935	609				444	
							+ 754	348				444	
							1181	261				888	
BM 37-2B													BM 37-2B AZUSA & TEMPLE F.B. 3709-131

T=84

WEATHER HAZY INST. NO. TS234

TIME 11:10 ROD NO. 713A

NOTES CHKD BLANCHARD DATE 6-71

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES PETERSON 7-23-71

INDEXED [illegible] DATE

F.B. 4116 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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 37-3A									FROM BM 37-3A TO BM 37-4
1	171	448	472 5	193 / 148 44	114	840	415 5	137 / 91 46	BM 37-3A
									AZUSA AVE & AMAR
2	181	502	482 5	213 / 149 64	214	440	515 5	246 / 182 64	FB 3709-135
				108				110	
3	52	948	353 5	72 / 32 40	225	725	526 5	244 / 206 38	
				148				148	⊼ ANDERSON
4	9	580	310 5	(½) 29 / 9 40	301	201	602 5	(½) 301 / 280 42	301 / 280
				188				190	
5	35	700	336 5	(½) 59 / 35 48	231	587	532 5	256 / 206 50	
				236				240	
6	175	373	476 5	180 / 170 10	116	351	417 5	119 / 113 6	
	+626	551		246	1204	144		246	
					+626	551		246	
					-577	593		492	
BM 37-4									BM 37-4
									AMAR & PASS & COVINA RD
									F.B. 3709-137

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDALL
NOTES BY PETERSON DATE 7 JULY 71
INDEXED [illegible] DATE AUG 5 71
WEATHER HAZY
TIME 10:25
NOTES CHKD
INST. NO. 75234
ROD NO. 1713 A
DATE
F.B. 4116 PG. 135

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 37-4									FROM BM 37-4 TO BM 37-3A
1	215	087	516 5	237 / 193 44	291	462	592 5	271 / 206 46	BM 37-4
									AMAR & PASS & COVINA
2	224	289	525 5	236 / 212 24	45	808	346 5	57 / 33 24	F.B. 3709-139
				68				70	
3	246	732	547 5	261 / 231 30	23	723	324 5	39 / 2 32	⊼ ANDERSON
				98				102	
4	261	328	562 5	277 / 245 32	29	458	330 5	44 / 14 30	
				130				132	
5	221	819	522 5	242 / 200 42	109	130	410 5	130 / 88 42	
				172				174	
6	113	653	414 5	138 / 88 50	179	720	480 5	203 / 155 48	
				222				222	
7	133	413	434 5	147 / 119 28	159	262	460 5	174 / 144 30	174 / 144
	+ 1416	319		250	838	563		252	
	- 838	563						250	
	+ 577	756						502	
BM 37-3A									BM 37-3A
									AZUSA AVE & AMAR
									F.B. 3709-135

F.B. 4116 PG. 136 JOB NO. 0301.02 T=92

SURVEY OF L.A. Co. PRECISE LEVEL NET WEATHER HAZY & COT INST. NO. 75234

SURVEY BY RANDALL NOTES PETERSON 7-21-71 TIME 13:35 ROD NO. 713 AB

INDEXED [illegible] DATE 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						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 37-4	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 37-4 TO B.M. 37-4B
1	65	922	366	5	76 54	22	286	290	587	5	299 273	26	B.M. 37-4
					44						~~247~~		AMAR AVE. & PASS & COVINA RD.
2	28	999	329	5	12	32	233	800	534	5	~~317~~	34	250 216 F.B. 3709-137
					49	54					244	60	
3	39	429	340	5	29	20	237	278	538	5	230	14	π = RODRIGUEZ
					188	74					152	74	
B.M. 37-4B	185	832	486	5	182	6	148	858	449	5	144	8	B.M. 37-4B
+	320	182 ✓				80	906	226 ✓				82	AMAR AVE. & NEW ROAD (UNDERCONST.)
							320	182				80	F.B. 3709-138
							586	044 ✓				162 ✓	

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

SURVEY BY V. RANDALL

NOTES BY R. ANDERSON DATE T-JULY '71

INDEXED C.J. GALLI DATE AUG 5 '71

WEATHER CLEAR & CALM INST. NO. 75234

TIME 11:00 ROD NO. 1713 Aof

NOTES CHKD DATE

T = 74°

F.B. 4116 PG. 137

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 37-4B	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 37-4B TO B.M. 37-4
1	196	956	497	5	213 179	34	27	280	328	5	44 10	34	B.M. 37-4B
					286						30		AMAR AVE. & NEW ROAD
2	286	122	587	5	268½	36	12	689	313	5	12½	36	(UNDER CONST.)
					228	70					85	70	F.B. 3709-138
3	222	232	523	5	216	12	79	450	380	5	73	12	⊼ = RODRIGUEZ
	+705	310				82	119	419				82	
B.M. 37-4	119	419										82	B.M. 37-4
	+585	891										164	AMAR AVE. & PASS & COVINA RD
													F.B. 3709-137

F.B. 4116 PG. 138 JOB NO. 0301.02

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

SURVEY BY RANDALL NOTES ANDERSON DATE: 14-JULY '71 TIME 10:10 ROD NO. 1713A'B

INDEXED G. J. GALLI DATE NOTES CHKD DATE

T = 90°

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 WEATHER INST. NO.

NOTES BY DATE TIME ROD NO.

INDEXED DATE NOTES CHKD DATE

F.B. 4116 Pg. 133 139

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM TO
							See Next Pg
							For Rerun

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. 37-4B	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 37-4B TO B.M. 37-4
1	178	848	479 5	193 163 30	38	182	339 5	53 23 30	B.M. 37-4B
				300				33	AMAR AVE. & NEW ROAD (UNDER CONST.)
2	284	152	585 5	268 32	17	931	318 5	17 ½ 32	F.B. 3709-138
				256 62				78 62	π = RODRIGUEZ
3	297	960	548 5	238 18	68	780	369 5	58 20	RERUN
	+ 710	960 ✓		80	124	893 ✓		82 ✓	
B.M. 37-4	- 124	893						80	B.M. 37-4
	+ 586	067 ✓						162 ✓	AMAR AVE. & PASS & COVINA RD.
									F.B. 3709-137

F.B. 4116 PG. 144 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

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

INDEXED G. J. GALLI DATE

WEATHER CLEAR & CALM INST. NO. 75273

TIME 10:45 ROD NO. 1713 [illegible]

NOTES CHKD [illegible] DATE

T = 920

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. 37-4B													FROM B.M. 37-4B TO B.M. 37-5
1	192	541	493	5	218 166	52	127	040	428	5	152 102	50	B.M. 37-4B
					211						164		AMAR AVE. & NEW ROAD (UNDERCONST.)
2	173	292	474	5	135	76	126	301	427	5	88	76	F.B. 3709-138
					193	120					158	126	
3	172	828	473	5	151	42	137	272	438	5	116	42	⊼ = RODRIGUEZ
					208	170					93	168	
4	192	660	493	5	176	32	76	681	377	5	59	34	
					296	202					97	202	
5	296	138	597	5	279	34	80	208	381	5	63	34	
					238	236					113	236	
6	222	609	523	5	206	32	98	718	399	5	83	30	
					198	268					155	266	
7	188	590	489	5	178	20	146	849	447	5	137	18	
					173	288					195	284	
8	153	020	454	5	133	40	172	890	473	5	149	46	
	268				286	328					36	330	
9	~~269~~	830	569	5	250	36	18	130	319	5	5	26	
					288	364					211	356	
10	269	278	570	5	250	38	189	930	490	5	167	44	
	+ 2129	786 ✓				402 ✓	1174	019 ✓				400 ✓	
B.M. 37-5	- 1174	019										402	B.M. 37-5
	+ 955	767 ✓										802 ✓	PASS & COVINA RD., P.I.
													F.B. 1358-12

268

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE T-JULY '71 TIME 11:15 WEATHER CLEAR & CALM INST. NO. 75234

INDEXED C. J. CARD DATE AUG 5 '71 NOTES CHKD. DATE ROD NO. 713 AOR

T = 74°

F.B. 4116 PG. 144

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. 37-5									FROM B.M. 37-5 TO B.M. 37-4B
1	193	952	494 5	213 173 40	273	658	574 5	293 253 40	B.M. 37-5
				28				248	PASS & COVINA RD., P.I.
2	14	332	315 5	0 28	233	580	534 5	218 30	F.B. 1358-12
				165 68				176 70	
3	140	240	441 5	115 50	151	708	452 5	126 50	
				122 118				255 120	
4	102	510	403 5	82 40	235	581	536 5	215 40	
				57 158				300 160	
5	31	452	332 5	5 52	300	328	601 5	274 52	T = RODRIGUEZ
				102 210				214 212	
6	77	098	378 5	52 50	189	320	490 5	164 50	
				160 260				195 262	
7	135	761	436 5	110 50	170	871	471 5	145 50	
				161 310				186 312	
8	136	658	437 5	111 50	164	651	465 5	142 44	
				145 360				181 356	
9	126	622	427 5	107 38	160	520	461 5	139 42	
				155 398				192 398	190
10	148	350	449 5	141 14	182	312	483 5	172 16	174
	+1106	975 ✓		412 ✓	2062	529 ✓		414 ✓	
B.M. 37-4B					+1106	975		412	B.M. 37-4B
					-955	554 ✓		826 ✓	AMAR AVE. & NEW ROAD (UNDER CONST.)
									F.B. 3709-138

F.B. 4116 PG. 142 146

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

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

INDEXED C. J. CALL DATE

WEATHER CLEAR & CALM INST. NO. 75238

TIME 09:15 ROD NO. 1713 A&B

NOTES CHKD BLANCHARD DATE

T = 860

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. 37-5	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 37-5 TO B.M. 37-5A
1	81	741	382	5	100 62	38	219	948	520	5	236 202	34	B.M. 37-5
					50						234		PASS & COVINA RD., P.I.
2	27	380	328	5	4	46	209	652	510	5	184	50	F.B. 1358-12
					159	84					177	84	
3	143	226	444	5	127	32	160	122	461	5	143	34	
					181	116					173	118	~~[illegible]~~
4	172	970	473	5	163	18	164	480	465	5	155	18	
+	425	317 ✓				134 ✓	754	202 ✓				136 ✓	⊼ = RODRIGUEZ
B.M. 37-5A							+ 425	317				134	B.M. 37-5A
							+ 328	885 ✓				270 ✓	PASS & COVINA RD. & MAPLECROVE
													F.B. 3709-140

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 7-JULY '71 WEATHER CLEAR & CALM INST. NO. 75234

INDEXED G.J. GALLI DATE [illegible] 5 '71 TIME 13:05 ROD NO. 1713A&B

NOTES CHKD [illegible] DATE

T = 40°

F.B. 4116 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						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 37-5A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 37-5A TO B.M. 37-5
1	154	742	455	5	174 / 134	40	147	988	448	5	168 / 126	42	B.M. 37-5A
					225						49		PASS & COVINA & MAPLEGROVE
2	202	679	503	5	179	46	26	092	327	5	3	46	F.B. 3709-140
					258	86					96	88	
3	240	772	541	5	222	36	79	498	380	5	62	34	⊼ = RODRIGUEZ ~~[illegible]~~
						122					163	122	
4	145	432	446	5	148 / 142	6	160	858	461	5	157	6	
	+ 743	625 ✓				128 ✓	414	436 ✓				128 ✓	
B.M. 37-5	414	436										128	B.M. 37-5
	+ 329	189 ✓										256 ✓	PASS & COVINA RD., P.I.
													F.B. 1358-12

F.B. 4116 PG. 144 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDAU NOTES ANDERSON DATE: 14-JULY-71

INDEXED G.L. GALLI DATE

WEATHER CLEAR & CALM INST. NO. 75234

TIME 08:55 ROD NO. 1717 A.B.

NOTES CHKD. DATE

1 = 84'

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 37-5	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 37-5 TO B.M. 37-5A
1	88	930	389	5	109 67	42	256	968	557	5	277 235	42	B.M. 37-5
					66						230		PASS & COVINA RD., P.I.
2	40	178	341	5	14	52	204	040	505	5	178	52	F.B. 1358-12
					157	94					154	94	
3	140	142	441	5	123	34	137	460	438	5	120	34	T = RODRIGUEZ
+	269	250 ✓				128 ✓	598	468 ✓				128 ✓	RERUN
B.M. 37-5A							+ 269	250				128	B.M. 37-5A
							- 329	218 ✓				256 ✓	PASS & COVINA RD. & MAPLECROVE
													F.B. 3709-140

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 14 - JULY '71

INDEXED [illegible] DATE AUG 5 '71

WEATHER CLEAR & CALM

TIME 12:45

NOTES CHKD BLANCHARD DATE

T = 88°

INST. NO 75234

ROD NO 1713 A-8

F.B. 4116 PG. 145

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.

SURVEY OF L.A. Co. PRECISE LEVEL NOTES — JOB NO 0301.02

SURVEY BY BADGLEY NOTES ANDERSON DATE 19-July-'17 — TIME 11:28 — WEATHER CLEAR & CALM — INST. NO. 7823 — ROD NO 17 & A

INDEXED G. T. CALN — DATE — NOTES CHKD BRANCHARD DATE 8/8 — 1" = 800'

FIELD 4116 PG. 150

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 37-5A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 37-5A TO B.M. 37-5
1	151	230	452	5	172 130	42	144	981	445	5	164 124	40	B.M. 37-5A
					187						124		PASS E. COVINA RD. & MARLEGROVE
2	172	990	473	5	157 179	30	108	392	409	5	92	32	F.B. 3709-40
	260	758	561	5	241	72					78	72	
3	2062			-5		38	59	111	360	5	40	38	T = RODRIGUEZ
					201	10					145	110	RERUN
4	192	541	493	5	183	18	135	908	436	5	125	20	
	+ 777	519				128	448	392				130	
B.M. 37-5	448	392										128	B.M. 37-5
	+ 329	127										258	PASS E. COVINA RD., P.I.
													F.B. 1358-12

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 Rodriguez DATE 7 July 71 WEATHER Haze INST. NO. 75234

INDEXED G. L. GALLI DATE AUG 5 '71 TIME 13:40 ROD NO. 1713 HB

NOTES CHKD. DATE

F.B. 4116 PG. 151

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM 37-5A													FROM BM 37-5A TO BM 37-6
1	88	337	389	5	104 / 72	32	115	578	416	5	131 / 99	32	BM 37-5A
													Pass & Covina Rd @
2	109	768	410	5	130 / 88	42	215	424	516	5	236 / 194	42	Maplegrove.
						74						74	F.B 3709-140
3	134	598	435	5	153 / 115	38	165	627	466	5	184 / 146	38	
						112						112	⊼ Peterson
4	144	441	445	5	165 / 123	42	177	855	478	5	198 / 156	42	
						154						154	
5	28	104	329	5	49 / 7	42	268	909	569	5	289 / 247	42	
						196						196	
	26	351	327	5	49 / 3	46	251	232	552	5	275 / 227	48	
						242						244	
7	124	924	425	5	146 / 102	44	146	539	447	5	167 / 125	42	
						286						286	
8	158	082	459	5	180 / 136	44	143	460	444	5	164 / 122	42	
						330						328	
9	160	872	461	5	174 / 146	28	192	753	493	5	207 / 177	30	
	+ 975	477				358	1677	377				358	
							+ 975	477				358	
BM 37-6							701	900				716	BM 37-6
													Pass & Covina Rd @ Francisquito
													E
													F.B 3709-141

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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						FORESIGHT						DESCRIPTION AND REMARKS
BM 37-6	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 37-6 TO BM 37-5A
1	187	637	486	5	216 158	58	168	490	469	5	196 140	56	BM 37-6
2	141	591	442	5	169 113	56	123	521	424	5	152 94	58	PASS & COVINA RD. @ FRANCISQUIT F.B. 3709-141
3	234	181	535	5	258 210	114 48	17 ~~54~~	114	318	5	(1) 39 (2) 17	114 44	
4	263	921	564	5	282 244	162 38	23	458	324	5	43 3	158 40	
5	188	348	469	5	216 160	200 56	144	501	445	5	172 116	198 56	⊼ - PETERSON
6	150	937	451	5	175 125	256 50	58	510	359	5	83 33	254 50	
7	189	852	490	5	211 167	306 44	133	377	434	5	155 111	304 44	
9	172	289	473	5	185 159	350 26	157	921	458	5	170 144	348 26	
	+ 1528	756 ✓				376 ✓	826	892 ✓				374 ✓	
	- 826	892										376	
BM 37-5A	+ 701	864 ✓										750 ✓	BM 37-5A PASS & COVINA RD & MAPLE GROVE FB 3709-140

F.B. 4116 PG. 152 JOB NO. 0301.02

SURVEY OF LA CO PRECISE LEVEL NET

SURVEY BY RANDALL NOTES MOORE 21 JULY 71

INDEXED G. J. GALLI DATE

WEATHER PRTLY CLDY. INST. NO. 75234

TIME 11:10 ROD NO. 1713 AB

NOTES CHKD DATE

T=83°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

03 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 BM37-6 TO BM37-6A
BM 37-6													
1	210	831	511	5	224 196	28	121	261	422	5	134 108	26	BM 37-6
													PASS & COVINA RD @ FRANCISQUITO
2	193	218	494	5	199 187	12	165	521	466	5	171 159	12	℄
						40						38	F.B 3709-141
3	+404	049					-286	782				40	
	-286	782										78	⊼ PETERSON
	+117	267											BM 37-6A
													FRANCISQUITO @ GRETTA AV
													F.B 3709-142

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

SURVEY BY Randall

NOTES BY RODRIGUEZ DATE 7-JULY-71

INDEXED E.J. GALLI DATE AUG 5 71

WEATHER Hazy

TIME 14:50

NOTES CHKD BLANCHARD DATE AUG 5 71

INST. NO 75234

ROD NO 1713 AB

F.B. 4116 PG. 153

TE 90°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4116 PG. 154 | JOB NO. 0301.02

SURVEY OF L A CO PRECISE LEVEL NET

SURVEY BY RANDALL NOTES MOORE 21 JULY 71

INDEXED G. J. GALLI DATE

WEATHER PRTLY CLDY INST. NO 75234

TIME 11:00 ROD NO 17 RAE

NOTES CHKD DATE AUG 6 '71

T-82°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT		MIC.	LEFT.		STADIA	RIGHT		MIC.	LEFT.		STADIA	
BM 37-6A													FROM BM 37-6A TO BM 37-6
						134						252	BM 37-6A
1	114	40	818	415	5	94	232	40	115	533	5	212	FRANCISQUITO & GRETTA
												40	F.B. 3709-142
												80	
	+114		818				-232		115				T-PETERSON
							+114		818				
BM 37-6							-117		297 ✓				BM 37-6
													FRANCISQUITO & PASS & COVINA
													F.B. 3709-141

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
BM 37-6A													FROM BM 37-6A TO BM 37-7A
1.	106	667	407	5	122 / 90	32	183	751	484	5	198 / 168	30	BM 37-6A
													FRANCISQUITO @ GRETTA AV.
2.	85	770	386	5	108 / 62	46	205	476	506	5	226 / 184	42	F.B 3709-142
						78						72	
3	89	991	390	5	112 / 66	46	229	915	530	5	254 / 204	50	⊼ PETERSON
						124						122	
4	31	619	332	5	53 / 9	44	261	457	562	5	284 / 238	46	
						168						168	
5	181	521	482	5	192 / 170	22	166	297	467	5	176 / 156	20	✓
						190						188	
	104	579	405	5	127 / 81	46	220	907	521	5	242 / 198	44	
						236						232	
7	111	258	412	5	145 / 77	68	204	903	505	5	239 / 169	70	
						304						302	
8	106	520	407	5	139 / 73	66	209	022	510	5	243 / 175	68	
						370						370	
9	111	703	412	5	144 / 78	66	205	210	506	5	239 / 171	68	
						436						438	
10	99	655	400	5	131 / 67	64	201	381	502	5	232 / 170	62	
						500						500	
11	130	557	431	5	150 / 110	40	195	158	496	5	216 / 174	42	
						540						542	
12	149	948	450	5	160 / 138	22	144	859	445	5	155 / 133	22	
	+1309	788				562	2428	336				564 ✓	
							+1309	788				562	
BM 37-7A							-1118	548 ✓				1126	BM 37-7A
													FRANCISQUITO @ WALNUT
													F.B 3709-144

315

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

SURVEY BY Randall

NOTES BY RODRIGUEZ DATE 7 July-71

INDEXED G. J. GALLI DATE AUG 5 '71

WEATHER Hazy TIME 15:10

NOTES CHKD BLANCHARD DATE AUG 5 '71

INST. NO 75234

ROD NO. 171346

F.B. 4116 PG. 155

T = 94°

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

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

Do not extend notes this side of this line.

INST. NO 7523 ROD NO 1134B DATE 8/5

WEATHER HAZY TIME 9:45 NOTES CHKD ENCHARD T-88°

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

SURVEY BY RANDALL NOTES MOOSE 21 JULY 71 DATE

INDEXED C. J. GALT

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
B.M. 37-7A													FROM BM 37-7A TO BM 37-6A
1	168	953	469	5	139	58	117	202	418	5	88	58	BM 37-7A
					221						132		FRANCISQUITO & WALNUT
2	192	730	493	5	163	58	104	104 OK	405	5	76	56	FB 3709-144
					231	116					143	114	
3	202	020	503	5	173	58	113	458	414	5	88	60	
					234	174					140	174	
4	204	045	505	5	174	60	110	540	411	5	80	60	
					220	234					143	234	
5	192	994	493	5	164	56	115	085	416	5	87	56	
					234	290					147	290	T PETERSON
6	205	469	506	5	176	58	119	520	420	5	91	56	
					236	348					90	346	
7	208	219	509	5	180	56	62	197	363	5	34	56	
					297	404					93	402	
8	297	652	598	5	(½) 272	50	68	122	369	5	43	50	
					256	454					104	452	
9	227	614	528	5	196	58	75	804	376	5	46	58	
					241	512					136	510	
10	217	654	518	5	193	48	112	888	413	5	88	48	
	+ 2117	350 ✓				560	998	920 ✓				558 ✓	
	- 998	920										560	
B.M. 37-6A	+ 1118	430 ✓										1118 ✓	BM 37-6A
													FRANCISQUITO & GRETTA
													F.B. 3709-142

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 37-7A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 37-7A TO BM 37-7
													BM 37-7A
1	116	907	417	5	124 / 108	16	178	058	479	5	187 / 169	18	FRANCISQUITO & WALNUT
												16	FB. 3709-144
												34	
+	116	907					- 178	058					ANDERSON
							+ 116	907					
							- 61	151					
													BM 37-7
BM 37-7													FRANCISQUITO & WALNUT (℄ INT)
													FB. 3709-143

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

SURVEY BY KANDALL

NOTES BY PETERSON DATE 8 JULY 71 WEATHER 46A24 INST. NO. 75234

INDEXED G.J. GALLY DATE AUG 5 71 TIME 9:30 ROD NO. 1713AB

NOTES CHKD DATE

F.B. 4116 PG. 157

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 37-7	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 37-7 TO BM 37-7A
													BM 37-7
1	175	275	476	5	184 / 166	18	114	125	415	5	123 / 105	18	FRANCISQUITO & WALNUT ℄
												18	F.B. 3709-143
B.M. 37-7A												36	~~A ANDERSON~~
	+ 175	275					- 114	125					
	- 114	125											BM 37-7A
	+ 61	150											FRANCISQUITO & WALNUT
													FB 3709-144

F.B. 4116 PG. 158 JOB NO. 0301.02 T=80

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 7-21-71

INDEXED B. J. GALLI DATE

WEATHER HAZY INST. NO. 75234

TIME 09:40 ROD NO. 1713AE

NOTES CHKD. FRANCHARD DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY RANDALL

NOTES BY PETERSON DATE 8 JULY 71

INDEXED C. J. GALLI DATE AUG 5 71

WEATHER AA 24

TIME 9:35

NOTES CHKD BLANCHARD DATE AUG 6 71

F.B. 4116 PG. 159

T= 78

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM37-7													FROM BM 37-7 TO BM 37-8
1	138	908	439	5	170 / 106	64	184	310	485	5	(1) 184 / 151	66	BM 37-7
													FRANCISQUITO & WALNUT ℄ INT
2	95	318	396	5	128 / 62	66	198	052	499	5	229 / 167	62	F.B. 3709-143
					130						128		
3	112	872	413	5	146 / 78	68	193	842	494	5	226 / 160	66	T ANDERSON
					198						194		
4	98	552	399	5	132 / 64	68	172	466	473	5	204 / 140	64	
					266						258		
5	123	178	424	5	153 / 93	60	169	772	420	5	202 / 136	66	
					326						324		
6	87	150	388	5	122 / 52	70	160	258	461	5	196 / 124	72	
					396						396		
7	134	452	435	5	152 / 116	36	154	033	455	5	172 / 136	36	
					432						432		
8	124	538	425	5	136 / 112	24	177	232	478	5	189 / 165	24	
+	914	968 ✓			456 ✓		1409	965 ✓			456 ✓		
							914	968			456		
							494	997 ✓			912 ✓		
BM37-8													BM 37-8
													FRANCISQUITO & HACIENDA ℄
													F.B. 2890-7

281

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 37-8 TO Bm 37-7
Bm 37-8 (1)	197	363	498 5	222 / 172 50	141	380	442 5	166 / 116 50	Bm 37-8
									FRANCISQUITO & HACIENDA ℄
2	159	195	460 5	192 / 126 66	111	968	412 5	144 / 78 66	FB. 2890-7
				116				116	
3	176	812	477 5	208 / 146 60	103	371	404 5	133 / 73 60	
				176				176	⊼ ANDERSON
4	171	630	472 5	199 / 143 56	108	975	409 5	137 / 79 58	
				232				234	
5	178	418	479 5	207 / 149 58	108	475	409 5	137 / 79 58	
				290				292	
6	174	265	475 5	204 / 144 60	81	525	382 5	111 / 51 60	
				350				352	
7	161	842	462 5	191 / 131 60	96	925	397 5	129 / 63 66	
				410				418	
8	170	168	471 5	191 / 149 42	141	828	442 5	158 / 124 34	
	+ 1389	693 ✓		452	894	447 ✓		452 ✓	
	− 894	447						452	
Bm 37-7	+ 495	246 ✓						904 ✓	Bm 37-7
									FRANCISQUITO & WALNUT ℄
									FB. 3709-143

F.B. 4116 PG. 160 JOB NO. 0301.02 T=80

SURVEY OF LA CO PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 7-21-71

INDEXED [illegible] DATE

WEATHER HAZY INST. NO. 75234

TIME 09:05 ROD NO. 1713A

NOTES CHKD BLANCHARD 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						FORESIGHT						DESCRIPTION AND REMARKS
BM 37-8	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 37-8 TO BM 37-8A
					180						173		BM 37-8
1	174	377	475	5	168	12	167	917	468	5	161	12	FRANCISQUITO & HACIENDA ⌀
												12	F.B. 2890-7
												24	
+	174	377					167	917					⊼ ANDERSON
-	167	917											
+	6	460 ✓											
BM 37-8A													BM 37-8A
													FRANCISQUITO & HACIENDA
													F.B. 3709-146

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

SURVEY BY RANDALL WEATHER HAZY INST. NO. 75234

NOTES BY PETERSON DATE 8 JULY 71 TIME 10:30 ROD NO. 1713AB

INDEXED [illegible] DATE AUG 5 71 NOTES CHKD [illegible] DATE AUG 5 71

F.B. 4116 PG. 161

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 37-8A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 37-8A TO BM 37-8
													BM 37-8A
1	162	461	463	5	169 155	14	168	935	469	5	175 161	14	FRANCISQUITO & HACIENDA
												14	F.B. 3709-146
												28	
+	162	461					- 168	935					
							+ 162	461					⊼ ANDERSON
B.M. 37-8							- 6	474					
													BM 37-8
													FRANCISQUITO & HACIENDA ℄
													F.B. 2890-9

F.B. 4116 PG. 162 JOB NO. 0301.02 T=82

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY MANDALL NOTES PETERSON 7-21-71

INDEXED B.J. GALLI DATE

WEATHER HAZY INST. NO. 75234

TIME 08:50 ROD NO. 1713A

NOTES CHKD BLANCHARD DATE 6-7

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
BM 37-8A									FROM BM37-8A TO BM37-9
1	124	151	425 5	152 96 56	180	657	481 5	208 152 56	BM 37-8A
									FRANCISQUITO & HACIENDA
2	82	280	383 5	115 49 66	193	712	494 5	227 159 68	F.B. 3709-146
				122				124	
3	123	668	424 5	135 111 24	159	050	460 5	171 147 24	JT ANDERSON
				146				148	
4	115	550	416 5	126 104 22	180	993	481 5	191 169 22	
	+445	649 ✓		168	714	412 ✓		170	
BM 37-9					+445	649		168	BM 37-9
					-268	763 ✓		338	HACIENDA & FRANCISQUITO ℄
									F.B. 2890-8

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

SURVEY BY RANDALL WEATHER HAZY INST. NO 75234

NOTES BY PETERSON DATE 8 JULY 71 TIME 10:40 ROD NO 1713AB

INDEXED G. J. GALLO DATE AUG 5 '71 NOTES CHKD [illegible] DATE AUG 6 '71

JE 84

F.B. 4116 PG. 163

175

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

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

Do not extend notes this side of this line.

F.B. 4116 PG. 164 | JOB NO. 03002
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY RANDALL NOTES DETERMINED 7-26-71
INDEXED S.J. CALLI DATE

WEATHER HAZY 4 HOT TEMP
TIME 15:18
NOTES CHKD [illegible] DATE 7-30-71
ROD NO. 173 NE INST. NO. 7523 #

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	
BM 37-9											FROM BM 37-9 TO BM 37-8A
1	182	885	483	5	196 170 24	116	798 OK 400	417	5	128 103 26	BM 37-9
2	176	478	477	5	207 155 52	99	~~297~~ OK 400	400	5	125 73 52	HACIENDA & FRANCISQUITO ℄
					76					78	F.B. 2896-8
3	193	148	484	5	206 160 46	102	302	403	5	125 79 46	
					122					124	T ANDERSON
4	167	343	468	5	189 145 44	122	593	423	5	145 99 46	
+	709	854	✓		166 ✓	441	093	✓		170 ✓	
-	441	093								166	
+	268	761	✓							336 ✓	
BM 37-8A											BM 37-8A
											FRANCISQUITO & HACIENDA
											F.B. 3709-146

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
BM 37-9									FROM BM 37-9 TO BM 37-10B
1	165	168	466 5	187 143 44	163	661	464 5	185 141 44	BM 37-9
									FRANCISQUITO & HACIENDA ℄
2	123	495	424 5	155 91 64	157	044	458 5	189 125 64	F.B. 2890-8
				108				108	
3	137	132	438 5	158 116 42	142	503	443 5	163 121 42	π ANDERSON
				150				150	
4	113	130	414 5	135 91 44	124	563	425 5	106 102 44	
	+ 538	925 ✓		194 ✓	587	771 ✓		194 ✓	
					+ 538	925		194	
					48	846 ✓		388 ✓	
BM 37-10B									BM 37-10B
									FRANCISQUITO & CALIFORNIA
									F.B. 3709-149

187

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

SURVEY BY RANDALL

NOTES BY PETERSON DATE 8 JULY 71

INDEXED E. J. GALLI DATE AUG 5 '71

WEATHER HAZY

TIME 11:05

NOTES CHKD BLANCHARD DATE

INST. NO 75234

ROD NO 1713AB

F.B. 4116 PG. 165

1=84

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM 37-10B	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 37-10B TO BM 37-9
1	131	660	432 5	157 105 52	133	692	434 5	160 106 54	BM 37-10B
									FRANCISQUITO & CALIFORNIA
2	164	120	465 5	187 141 46	134	197	435 5	159 109 50	F.B. 3709-149
				98				104	
3	156	262	457 5	189 123 66	117	497	418 5	146 88 58	
				164				162	⊼ ANDERSON
4	161	282	462 5	175 147 28	178	945	479 5	194 162 32	
	+ 613	324 ✓		192	564	331 ✓		194 ✓	
	- 564	331						192	
	+ 48	993 ✓						386 ✓	
BM 37-9									
									BM 37-9
									HACIENDA & FRANCISQUITO ℄

F.B. 4116 PG. 166 JOB NO. 0301.02 T=94

SURVEY OF L.A.Co. PRECISE LEVELNET

SURVEY BY RANDALL NOTES PETERSON 7-20-71

INDEXED G. I. GALLI DATE

WEATHER HAZY & HOT INST. NO. 75234

TIME 14:40 ROD NO. 17BA

NOTES CHKD RANCHARD 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 37-10B													FROM B.M.37-10B TO B.M. 37-11A
1	146	880	447	5	159 / 134	24	175	738	476	5	187 / 163	24	B.M. 37-10 B.
					218						181		FRANCISQUITO & CALIFORNIA
2	183	842	484	5	148	70	144	232	445	5	107	74	F.B. 3709-149
					184	94					202	98	
3	155	110	456	5	126	58	172	010	473	5	142	60	
					156	152					204	158	T = RODRIGUEZ
4	127	922	428	5	98	58	177	122	478	5	150	54	
					183	210					179	212	
5	161	449	462	5	139	44	154	830	455	5	129	50	
					166	254					199	262	
6	145	642	446	5	124	42	181	659	482	5	163	36	
+	920	845 ✓				296 ✓	1005	591 ✓				298 ✓	
B.M.37-11A							920	845				296	B.M. 37-11A
							84	746 ✓				594 ✓	FRANCISQUTO AVE. & SUNSET
													F.B. 2890-10 ℄

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 8-JULY '71

INDEXED C. L. CALLI DATE AUG 5 '71

WEATHER CLEAR & CALM TIME 11:30

NOTES CHKD BLANCHARD DATE

INST. NO. 75234 ROD NO. 1713 A.B

T = 80°

F.B. 4116 PG. 167

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. 37-11A									FROM B.M. 37-11A TO B.M. 37-10B
				199				162	
1	181	161	482 5	163 36	145	010	446 5	128 34	B.M. 37-11A
				186				167	FRANCISQUITO AVE. & SUNSE
2	164	172	465 5	142 44	145	509	446 5	123 44	F.B. 2890-10 &
				197 80				173 78	
3	168	042	469 5	139 58	143	102	444 5	113 60	
				180 138				190 138	
4	150	739	451 5	120 60	160	278	461 5	130 60	⊼ = RODRIGUEZ
				195 198				181 198	
5	175	402	476 5	155 40	162	753	463 5	148 38	
				170 238				156 236	
6	150	079	451 5	130 40	156	490	457 5	136½ 40	
				158 278				151 276	
B.M. 37-10B	145	828	446 5	132 26	137	630	438 5	123 28	B.M. 37-10B
+	1135	423 ✓		304	1050	772 ✓		304	✓ FRANCISQUITO AVE. & CALIFOR
−	1050	772						304	F.B. 3709-149
+	84	651 ✓						608 ✓	

F.B. 4116 PG. 168 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE 13-JULY '71

INDEXED [illegible] GALLI DATE

WEATHER CLEAR & CALM INST. NO. 75234

TIME 11:05 ROD NO. 1713 [illegible]

NOTES CHKD BLANCHARD DATE

T = 90°

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. 37-11A													FROM B.M. 37-11A TO B.M. 37-11B
													B.M. 37-11A
					173						178		FRANCISQUITO AVE & SUNSET
①	162	620	463	5	151	22	167	039	468	5	156	22	F.B. 2890-10
													* = RODRIGUEZ
B.M. 37-11B													B.M. 37-11B
	+ 162	620					- 167	039				22	FRANCISQUITO AVE & SUNSET
							- 162	620				22	F.B. 3709-152
							- 4	419				44	

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 8-JULY '71

INDEXED G. J. GALLI DATE AUG 5 '71

WEATHER CLEAR & CALM TIME 12:00

NOTES CHKD BLANCHARD DATE

INST. NO 75234

ROD NO 1713 A&B

T = 84°

F.B. 4116 PG. 169

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 37-11B TO B.M. 37-11A
B.M. 37-11B													B.M. 37-11B
													FRANCISQUITO & SUNSET
					199						194		F.B. 3709-152
1	185	408	486	5	171	28	180	940	481	5	166	28	π = RODRIGUEZ
												28	
B.M. 37-11A												56	B.M. 37-11A
	185	408					180	940					FRANCISQUITO & SUNSET
	180	940											F.B. 2890-10 ℄
	+ 4	468											

T = 90°

F.B. 4116 PG. 170 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE: 13-JULY '71

INDEXED [illegible] DATE

WEATHER CLEAR & CALM INST. NO. 7524

TIME 11:00 ROD NO. 1713A

NOTES CHKD DATE AUG

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
.m 37-11B	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 37-11B TO B.M. 37-12B
1	193	972	494	5	222 164	58	165	290	466	5	199 136	58	B.M. 37-11B
					178						218		FRANCISQUITO AVE. & SUNSET
2	148	341	449	5	118	60	188	238	489	5	158	60	F.B. 3709-152
					192	118					202	118	
3	163	548	464	5	134	58	172	580	473	5	142	60	
					175	176					191	178	
4	149	430	450	5	123	52	162	306	463	5	133	58	
					157	228					163	236	T = RODRIGUEZ
5	130	000	431	5	103	54	140	700	441	5	117	46	
					148	282					159	282	
6	146	571	447	5	144	4	156	068	457	5	153	6	
	+ 931	862 ✓				286 ✓	985	182 ✓				288 ✓	
B.M. 37-12B							+ 931	862				286	B.M. 37-12B
							- 53	320 ✓				574 ✓	FRANCISQUITO AVE. & ORANGE
													F.B. 2890-11

T = 88°

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 8-JULY-71 TIME 13:30 WEATHER CLEAR & CALM INST. NO. 75234

INDEXED [illegible] DATE [illegible] 5 71 NOTES CHKD BLANCHARD DATE [illegible] ROD NO. 1713 A-B

F.B. 4116 PG. 171

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. 37-12B				173 48				189	FROM B.M. 37-12B TO B.M. 37-11B
1	149	220	450 5	125 ~~50~~	165	150	466 5	141 48	B.M. 37-12B
				224				175	FRANCISQUITO & ORANGE
2	197	661	498 5	170 54	148	132	449 5	121 54	F.B. 2890-11
				203 102				196 102	
3	173	720	474 5	143 60	166	439	467 5	136 60	
				205 162				170 162	
4	181	864	482 5	157 48	145	620	446 5	120 50	T = RODRIGUEZ
				191 210				175 212	
5	167	832	468 5	143 48	152	321	453 5	129 46	
				160 258				199 258	
6	145	281	446 5	130 30	184	452	485 5	169 30	
+	1015	578 ✓		288	962	114 ✓		288 ✓	
B.M. 37-11B	962	114						288	B.M. 37-11B
+	53	464 ✓						576 ✓	FRANCISQUITO AVE. & SUNSET
									F.B. 3709-152

F.B. 4116 PG. 172 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE: 13-JULY '71

INDEXED G.L. GALLI DATE

WEATHER CLEAR & CALM INST. NO. 75235

TIME 10:28 ROD NO. 1713A

NOTES CHKD. BLANCHARD DATE AUG 6 '71

T = 90°

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. 37-12B													FROM B.M. 37-12B TO B.M. 37-13B
1	168	308	469	5	195 141	54	183	481	484	5	208 158	50	B.M. 37-12B
					175						206		FRANCISQUITO AVE. & ORANGE
2	149	750	450	5	123	52	176	368	477	5	146	60	F.B. 2890-11
					189	106					187	110	
3	163	830	464	5	127	52	162	898	463	5	137	50	
					176	158					208	160	T = RODRIGUEZ
4	147	789	448	5	118	58	176	198	477	5	144	64	
					177	216					193	224	
5	152	779	453	5	127	50	169	971	470	5	145	48	
					181	266					173	272	
6	161	508	462	5	141	40	156	662	457	5	139	34	
+	943	964 ✓				306 ✓	1025	578 ✓				306 ✓	
B.M. 37-13B							+ 943	964				306	B.M. 37-13B
							81	614 ✓				612 ✓	FRANCISQUITO AVE. & WILLOW
													F.B. 2890-12

T = 90°

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

SURVEY BY S. RANDALL

NOTES BY R. ANDERSON DATE 8-JULY '71

INDEXED G. J. CARLI DATE AUG 5 '71

WEATHER CLEAR & CALM

TIME 14:05

NOTES CHKD BLANCHARD DATE AUG 6 '71

INST. NO. 75234

ROD NO. 1713 A&B

F.B. 4116 PG. 173

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. 37-13B TO B.M. 37-12
B.M. 37-13B					178						168		
1	147	098	448	5	116	62	138	769	439	5	108	60	B.M. 37-13B,
					183						159		FRANCISQUITO & WILLOW
2	158	610	459	5	133	50	134	256	435	5	109	50	F.B 2890-12
					198	112					182	110	
3	168	272	469	5	138	60	152	101	453	5	122	60	163
					188	172	133	879	434	5	~~167~~	170	103 ⊼ = RODRIGUEZ
4	158	052	459	5	128	60	~~132~~	~~792~~	~~433~~	~~5~~	~~97~~	60	
					200	232					169	230	
5	170	190	471	5	140	60	139	870	440	5	109	60	
					138	292					159	290	
6	125	560	426	5	112	26	147	491	448	5	135	24	
	927	782				318	846	366				314	
B.M. 37-12B	846	366										318	B.M. 37-12B
+	81	416										632	FRANCISQUITO & ORANGE
													F.B. 2890-11

F.B. 4116 PG. ~~173~~ 174 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET WEATHER CLEAR & CALM INST. NO. 7523

SURVEY BY RANDALL NOTES ANDERSON DATE: 13 July '71 TIME 09:40 ROD NO. 1713A

INDEXED G. J. GALLI DATE NOTES CHKD BLANCHARD DATE

T = 82°

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
BM 37-13B													FROM BM 37-13B TO BM 16-10B
1	167	336	468	5	192 / 142	50	157	047	458	5	181 / 133	48	BM 37-13B
													FRANCISQUITO AV. & Willow
2	136	276	437	5	163 / 109	54	159	294	460	5	187 / 131	56	F.B 2890-12
						104						104	⊼ PETERSON
3	149	647	4 / 550	5	174 / 124	50	163	011	464	5	188 / 138	50	
						154						154	
4	149	182	450	5	173 / 125	48	193	958	494	5	217 / 169	48	
						202						202	
5	174	591	475	5	201 / 147	54	164	603	465	5	191 / 137	54	
						256						256	
6	169	201	470	5	190 / 148	42	148	957	449	5	169 / 127	42	
	+ 946	233 ✓				298	✓ 986	870 ✓				298 ✓	
							- 946	233				298	
BM 16-10B							- 40	637 ✓				596 ✓	BM 16-10B
													FRANCISQUITO & PUENTE
													N.W. COR.
													F.B.

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 8 July-71

INDEXED G. G. GALLI DATE AUG 5 '71

WEATHER Hazy

TIME 15:00

NOTES CHKD BLANCHARD DATE

INST. NO. 75234

ROD NO. 1713 AB

F.B. 4116 PG. 175

T=92°

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 ~~16~~ 16-10B	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM16-10B TO BM37-13B
1	139	320	440	5	165 / 113	52	155	655	456	5	180 / 130	50	BM16-10B
													FRANCISQUITO & PUENTE
2	159	802	460	5	182 / ~~136~~ 136	46 / ~~46~~ 98	148	522	449	5	171 / 125	46 / 96	F.B
													⊼ PETERSON
3	162	781	463	5	186 / 138	48 / 146	145	209 / ~~209~~	446	5	170 / 120	50 / 146	
4	154	541	455	5	173 / 135	38 / 184	155	736	456	5	173 / 137	36 / 182	
5	160	982	461	5	183 / 137	46 / 230	142	786	443	5	168 / 116	52 / 234	
6	161	943	462	5	186 / 136	50 / 280	140	646	441	5	162 / 118	44 / 278	
7	130	803	431	5	146 / 114	32 / 312	141	143	442	5	~~159~~ ~~127~~ 155 / 127	28 / 306	
	+ 1070	172					1029	697					
	- 1029	697										312	
BM37-13B +	40	475										618	BM 37-13B
													FRANCISQUITO @ Willow
													F.B. 2890-12

F.B. 4176 PG. 176 JOB NO. 030102

SURVEY OF LA CO Precise Level Net

SURVEY BY Randall NOTES Rodriguez 13 July 71

INDEXED B. J. GALLI DATE

WEATHER Hazy TIME 14:00 NOTES CHKD BLANCHARD DATE

INST. NO. 75239 ROD NO. M13A

T = 98°

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 — T=74°

SURVEY BY Rendall — DATE 9 July 71 — WEATHER Hazy — INST. NO 75236

NOTES BY R. J. GALLO — DATE 9 July 71 — TIME 8:30 — ROD NO 173MB

INDEXED — DATE — NOTES CHKD — DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM 16-10B													FROM BM 16-10B TO BM 37-15A
1	157	820	458	5	171 143	28	167	246	468	5	181 153	28	BM 16-10B
													FRANCISQUITO & PUENTE N.W. COR.
2	142	623	443	5	173 111	62	163	361	464	5	195 131	64	F.B
						90						92	T PETERSON
3	141	953	442	5	172 110	62	175	959	476	5	206 144	62	
						152						154	
4	143	748	444	5	160 126	34	83	911	384	5	100 66	34	
						186						188	
5	213	054	514	5	223 203	20	136	902	437	5	148 124	24	
						206						212	
6	194	285	495	5	213 175	38	167	883	468	5	184 150	34	
+	993	483 ✓				244	895	302 ✓				246 ✓	
X -	895	302										244	
BM 37-15A +	97	981										490 ✓	BM 37-15A
+	98	181 ✓											FRANCISQUITO & Bridge
													F.B 2890-13

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 7523 ROD NO. 1113A DATE AUG 8 '57

WEATHER Hazy TIME 13:00 NOTES CHKD SANCHEZ

f = 96°

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

SURVEY BY Randall NOTES Rodriguez 13 July 71

INDEXED G.J. GALLI DATE

4116 178

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		
B1737-15A													FROM B1737-15A TO B1716-10B
1	128	184	429	5	141 115	26	227	150	528	5	241 213	28	B1737-15A
													FRANCISQUITO @ Bridge
2	78	550	379	5	105 51	54	129	483	430	5	156 102	54	F.B 2890-13
						80						82	T PETERSON
3	169	711	470	5	193 145	48	155	120	456	5	179 131	48	
					165	128						130	
4	165	824	466	5	146	38	145	785	446	5	163 127	36	
						166						160	
5	157	761	458	5	169 145	24	145	952	446	5	156 134	22	
					165	190					177	188	
6	157	996	458	5	149	16	170	482	471	5	163	14	
					161	206					144	202	
7	159	493	460	5	157	04	141	658	442	5	138	06	
	+ 1017	519				210	1115	630				208	
							+ 1017	519				210	
							98	111				418	
B1716-10B													B1716-10B
													FRANCISQUITO @ PUENTE
													F.B. ~~2890-12~~

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 Rodriguez DATE 9 July 71 WEATHER Hazy INST. NO 75234
NOTES BY Rod Rodriguez DATE 9 July 71 TIME 9:20 ROD NO 17344
INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE [illegible]
T = 78° [illegible] 4116 [illegible] 117

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM 37-15A													FROM BM 37-15A TO BM 37-16A
1	163	655	464	5	181 145	36	193	322	494	5	211 175	36	BM 37-15A
													Froncis Quito @ Bridge
2	73	314	374	5	92 54	38	145	591	446	5	164 126	38	E.B 2890-13
						74						74	T. Paterson
3	125	206	426	5	154 96	58	187	074	488	5	216 158	58	132
						132						132	
4	183	419	484	5	216 155	56	147	348	448	5	176 118	58	
						188						190	
5	179	848	480	5	201 157	44	167	744	468	5	189 145	44	
						232						234	
6	117	161	418	5	147 87	60	173	349	474	5	203 143	60	
						292						294	
7	129	372	430	5	158 100	58	166	889	467	5	194 138	56	
						350						350	
8	132	811	433	5	158 106	52	178	402	479	5	204 152	52	
						402						402	
9	130	463	431	5	159 101	58	189	480	479	5	189 160	58	
						460						460	
10	137	150	438	5	156 118	38	185	231	486	5	204 166	38	
						498						498	
11	135	110	436	5	148 122	26	163	229	464	5	176 150	26	
						524						524	
12	160	601	461	5	172 148	24	177	098	478	5	188 166	22	
	+1668	110				548	2074	757				546	
							−1668	110				548	
BM 37-16A							406	647				1094	BM. 37-16A
													Baldwin Park Blvd @ Tracy
													E.B 3709-159

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM37-16A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM37-16A TO BM37-15A
1	196	314	497	5	218 174	44	119	309	420	5	140 98	42	BM37-16A
													Baldwin Park @ Tracy
2	182	909	483	5	212 152	60	124	717	425	5	154 94	60	FB 3709-159
						104						102	
3	168	380	469	5	189 147	42	131	659	432	5	155 107	48	⊼ Peterson
						146						150	
4	162	911	463	5	189 162	54	141	271	442	5	169 113	56	
	NOTE					200						206	
5	162	853	463	5	182 142	40	109	286	410	5	126 92	34	
	NOTE					240						240	✓ T.B.M.
6	162	809	463	5	192 132	60	128	256	429	5	158 98	60	@ Snape Tacos, Stand
						300						300	
7	167	743	468	5	202 132	70	225	805	526	5	260 190	70	
						370						370	
8	206	327	507	5	237 175	62	134	710	435	5	166 102	64	
						432						434	
9	171	580	472	5	188 154	34	84	764	385	5	101 67	34	
						466						468	
10	192	397	493	5	209 175	34	167	449	468	5	184 150	34	
	+ 1774	223 ✓				500	1367	226 ✓				502 ✓	
	- 1367	226										500	
BM37-15A	+ 406	997 ✓										1002 ✓	BM 37-15A
													Francisquito @ Bridge
													F.B. 2890-13

4116 - 180 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Not

SURVEY BY Randall NOTES Rodriguez 12 July 71

INDEXED G. J. GALLI DATE

WEATHER Hazy TIME 14:00 NOTES CHKD. BLANCHARD DATE

INST. NO. 75234 ROD NO. 1317 A

1 = 94

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
BM 37-15A					181	36					232		FROM B.M. 37-15A TO BM 37-16A
1	163	555	464	5	145	40	214	027	515	5	196	36	B.M. 37-15A
					122						200		FRANCISQUITO & BRIDGE
2	91	720	392	5	60	62	169	298	470	5	138	62	F.B. 2890-13
					153	98					157	98	
3	119	550	420	5	85	68	122	252	423	5	87	70	
					217	166					196	168	
4	185	401	486	5	153	64	164	446	465	5	132	64	
					119	230					174	232	
5	96	481	397	5	73	46	150	536	451	5	126	48	
					167	276					206	280	
6	138	857	439	5	109	58	177	150	478	5	148	58	π PETERSON
					162	334					216	338	
7	133	853	434	5	104	58	189	097	490	5	162	54	
					152	392					193	392	
8	130	859	431	5	108	44	171	849	472	5	149	44	
					148	436					219	436	
9	118	953	419	5	88	60	189	157	490	5	159	60	
					146	496					184	496	
10	137	722	438	5	128	18	175	946	476	5	166	18	
	+1316	951 ✓				514	1723	758 ✓				514 ✓	
							+1316	951				514	
BM 37-16A							-406	807 ✓				1028	B.M. 37-16A
													BALDWIN PARK & TRACY
													F.B. 3709-159

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

SURVEY BY RANDALL WEATHER PRTLY CLDY INST. NO. 75234

NOTES BY MOORE DATE 20 JULY 71 TIME 10:30 ROD NO. 1713AB

INDEXED G.L. GALLI DATE 5 71 NOTES CHKD DATE 5 71

F.B. 4116 PG. 181

TS 74°

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 37-16A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM 37-16A TO BM 37-15A
					244						161		
1	218	641	519	5	192	52	135	742	436	5	109	52	B.M. 37-16A
					219						159		BALDWIN PARK BLVD. &
2	186	931	487	5	153	66	126	309	427	5	93	66	TRACY ST.
					220	118					191	118	F.B. 3709-159
3	197	552	498	5	174	46	168	697	469	5	145	46	
					201	164					162	164	
4	170	283	471	5	139	62	131	656	432	5	100	62	⊼ PETERSON
					226	226					150	226	
5	194	596	495	5	162	64	117	919	418	5	84	66	
					179	290					237	292	
6	144	977	445	5	109	70	202	067	503	5	167	70	
					225	360					149	362	
7	191	837	492	5	157	68	116	781	417	5	83	66	
					163	428					114	428	
8	143	633	444	5	123	40	95	471	396	5	76	38	
					239	468					186	466	
9	220	268	521	5	201	38	167	177	468	5	148	38	
+	1668	718 ✓				506	✓ 261	819 ✓				504 ✓	
-	1261	819										506	
BM 37-15A +	406	899 ✓										1010 ✓	BM 37-15A
													FRANCISQUITO AVE. & BRIDGE
													F.B. 2890-13

T=76°

WEATHER PRTLY CLDY INST. NO 75234

TIME 9:00 ROD NO 1713A

NOTES CHKD BLANCHARD DATE

F.B. 4116 PG. 182 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES MOORE 20 JULY 71

INDEXED G. L. GALLI DATE

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDALL
NOTES BY PETERSON DATE 9 JULY 71 WEATHER HAZY
INDEXED R.J. GALLI DATE AUG 5 '71 TIME 10:40 INST. NO. 75234
NOTES CHKD DATE ROD NO. 713A

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 37-16A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 37-16A TO BM 37-17A
1	155	380	456	5	189 / 126	58	161	342	462	5	190 / 132	58	BM 37-16A
													BALDWIN PARK BLVD & TRACY
2	109	170	406	5	140 / 78	62	174	643	475	5	206 / 142	64	F.B. 3709-159
						120				5		122	
3	99	280	400	5	129 / 69	60	130	270	432	5	128 / 102	56	T. ANDERSON
						180						178	
4	86	059	387	5	(1) 114 / 86	56	137	067	438	5	166 / 108	58	
						236						236	
5	95	125	396	5	127 / 63	64	128	793	429	5	160 / 96	64	
						300						300	
6	21	321	322	5	38 / 4	34	173	092	474	5	190 / 156	34	
						334						334	
7	144	142	445	5	182 / 146	36	125	961	426	5	164 / 132	32	
						370						366	
8	115	150	416	5	117 / 113	4	120	280	421	5	134 / 116	8	
	+825	627	✓		3	74	151	448	✓		37	4	N
							+825	627			374		
							=325	821	✓		748		J
BM 37-17A													BM 37-17A
													FAIRGROVE & ROBINETTE
													F.B. 3709-161

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 37-17A									FROM BM 37-17A TO BM 37-16A
1	124	060	425 S	146 / 102 44	141	154	442 S	153 / 119 44	BM 37-17A
									FAIRGROVE & ROBINETTE
2	195	870	496 S	213 / 177 36	29	430	330 S	46 / 12 34	F.B. 3709-161
				80				78	
3	158	440	459 S	181 / 135 46	114	097	415 S	139 / 89 50	
				126				128	π ANDERSON
4	124	942	425 S	139 / 109 30	116	494	417 S	135 / 99 34	
				156				162	
5	167	237	468 S	194 / 140 54	157	132	458 S	182 / 132 50	
				210				212	
6	155	102	456 S	178 / 132 46	108	550	409 S	131 / 85 46	
				256				258	
7	167	852	468 S	195 / 139 56	111	812	412 S	140 / 82 58	
				312				316	
8	150	260	451 S	180 / 120 60	126	728	427 S	153 / 99 54	
				372				370	
9	124	978	425 S	128 / 128 8	137	557	438 S	142 / 132 10	
	+ 1368	741 ✓		380	1042	954 ✓		380 ✓	
	- 1042	954						380	
	+ 325	787 ✓						760 ✓	
BM 37-16A									BM 37-16A
									SALDWIN PARK BLVD & TRACY
									F.B. 3079-159

SURVEY OF LACO PRECISE LEVEL NET

SURVEY BY LANDALL NOTES PETERSON 7/12/71

INDEXED G. J. GALLI DATE

JOB NO. 030.02

4116 184

7296

WEATHER AAZY & HOT INST. NO. 75234

TIME 13:55 ROD NO. 171[illegible]

NOTES CHKD BLANCHARD DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 1=80

SURVEY BY RANDALL

NOTES BY PETERSON DATE JULY 9, 71

INDEXED G. J. GALLI DATE AUG 5 '71

WEATHER HAZY & HOT INST. NO. 75234

TIME 11:25 ROD NO. 1713AB

NOTES CHKD BLANCHARD DATE AUG 6 '71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 37-17A									FROM BM 37-17A TO B.M. 37-18A
1	124	135	425 5	147 101 46	129	183	430 5	152 106 46	BM 37-17A
									FAIRGROVE & ROWNETTE
2	280	642	581 5	(1/2) 280 253 54	210	910	511 5	242 178 64	F.B. 3709-161
				100				110	
3	118	934	419 5	147 89 58	91	052	392 5	116 66 50	
				158				160	⊼ ANDERSON
4	143	362	444 5	172 114 58	128	300	429 5	157 99 58	
				216				218	
5	156	382	457 5	186 126 60	129	612	430 5	160 98 62	
				276				280	
6	76	598	377 5	105 47 58	291	800	592 5	(1/2) 291 24 54	
				334				334	
7	137	882	438 5	167 107 60	185	333	486 5	215 155 60	
				394				394	
8	121	902	422 5	151 91 60	221	442	522 5	250 192 58	
				454				452	
9	129	350	430 5	134 124 10	176	362	477 5	182 170 12	
	+ 1289	187		464	~~1560~~	~~994~~		464	
					+ ~~1289~~	~~187~~		444	
BM 37-18A					- ~~271~~	~~807~~		928	BM 37-18A
					- 1563	994			GARVEY AVE E. OF WESCOTT
					+ 1289	187			F.B. 3709-164
					- 274	807			

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM37-18A									FROM BM37-18A TO BM37-17A
1	238	393	539 5	265 211 54	122	938	423 5	150 94 56	BM37-18A
									GARVEY AVE E. OF WESCOTT
2	205	798	506 5	238 172 66	126	667	427 5	164 88 76	F.B. 3709-164
				120				132	
3	202	884	503 5	226 178 48	35	162	336 5	55 15 40	
				168				172	
4	192	033	493 5	222 162 60	134	180	435 5	162 106 56	
				228				228	
5	96	860	397 5	125 67 58	132	372	433 5	158 106 52	
				286				280	
6	115	338	416 5	140 90 50	133	610	434 5	162 104 58	
				336				338	
7	146	249	447 5	170 122 48	181	252	482 5	202 155 52	
				384				390	
8	80	492	381 5	93 67 26	152	568	453 5	165 141 22	
				410				412	
9	137	792	438 5	153 121 32	121	495	422 5	135 107 28	
				442				440	
10	130	432	431 5	133 127 6	131	502	432 5	136 136 10	
	+ 1546	271 ✓		448 ✓	1271	746 ✓		450 ✓	
	- 1271	746						448	
BM37-17A	+ 274	525 ✓						898 ✓	BM 37-17A
									FAIRGROVE & ROBINETTE
									F.B. 3709-161

4116 ... 186 JOB NO. 0301.02 7-96

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 7/12/7

INDEXED C.L. GALLI DATE

WEATHER HAZY & HOT INST. NO. 7-23

TIME 13:00 ROD NO. 713 A

NOTES CHKD BLANCHARD DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDALL PETERSON DATE 9 JULY 71 WEATHER HAZY & HOT INST. NO. 75231
NOTES BY TIME 1310 ROD NO. 12AB
INDEXED G.J. GALLI DATE AUG 5 71 NOTES CHKD BLANCHARD DATE AUG

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		
Bm 37-18A													FROM Bm 37-18A TO B.M. 37-18
1	126	203	427	5	144 108	36	173	168	474	5	191 155	36	Bm 37-18A
													GARVEY AVE E. OF WESCOTT
2	113	102	414	5	140 86	54	143	502	444	5	170 116	54	F.B. 3709-164
						90						90	
3	122	251	423	5	163 121	42	149	350	450	5	189 139	40	
						132						130	↑ ANDERSON
4	138	693	439	5	144 136	8	106	448	407	5	170 162	8	
	+ 500	249 ✓				140 ✓	572	468 ✓				138 ✓	
						+	500	249				140	
							72	219 ✓				278 ✓	
Bm 37-18													Bm 37-18
													GARVEY AVE & WESCOTT
													F.B. 1358-25

150

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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 37-18	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM37-18 TO BM37-18A
1	105	860	406	5	113 / 97	16	140	219	441	5	148 / 132	16	BM 37-18
													GARVEY AVE & WESCOTT
2	167	268	468	5	196 / 138	58	128	522	429	5	156 / 100	56	F.B. 1358-25
						74						72	
3	160	335	461	5	181 / 139	42	109	554	410	5	129 / 89	40	⊼ ANDERSON
						116						112	
4	158	859	459	5	168 / 148	20	141	640	442	5	153 / 129	24	
	+ 592	322 ✓				136	519	935 ✓				136 ✓	
5	- 519	935										136	
	+ 72	387 ✓										272 ✓	
BM37-18A													BM 37-18A
													GARVEY AVE E. OF WESCOTT
													FB 3709-164

T=96

4116 188 JOB NO. 6301162

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 7/12/71

INDEXED G. L. GALLI DATE

WEATHER HAZY @ 1007 INST. NO. 75234

TIME 11:25 ROD NO. 1713M

NOTES CHKD BLANCHARD DATE

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

F.B. 4116 PG. 189

SURVEY BY ______ WEATHER ______ INST. NO. ______

NOTES BY ______ DATE ______ TIME ______ ROD NO. ______

INDEXED ______ DATE ______ NOTES CHKD ______ DATE ______

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

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

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

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						FORESIGHT						DESCRIPTION AND REMARKS
BM 37-18	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 37-18 TO BM 37-18A
1	107	822	408	5	115 / 99	16	140	027	441	5	148 / 132	16	BM 37-18
													GARVEY AVE & WESCOTT
2	149	835	450	5	167 / 131	36	124	529	425	5	141 / 107	34	F.B. 1358-25
						52						50	
3	149	460	450	5	174 / 124	50	115	748	416	5	139 / 91	48	π ANDERSON
						102						98	
4	164	980	465	5	180 / 148	32	119	427	420	5	138 / 100	38	
	+572	097				134	499	731				136	
	-499	731										134	
BM 37-18A	+72	366										270	BM 37-18A
													GARVEY AVE E. OF WESCOTT
													F.B. 3709-164

F.B. 4116 PG. 190 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 7-20-71

INDEXED [illegible] DATE

T=92

WEATHER HAZY & HOT INST. NO. 75234

TIME 13:55 ROD NO. 13A1

NOTES CHKD BLANCHARD DATE AUG

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
B.M 37-18													FROM B.M. 37-18 TO B.M. 37-19C
1	126	428	427	5	150 102	48	205	438	506	5	228 182	46	B.M. 37-18
					168						172		GARVEY AVE. & WESTCOTT
2	141	912	442	5	114	54	147	759	448	5	122	50	F.B. 1358-25
					132	102					155	96	
3	110	391	411	5	88	44	130	258	431	5	105	50	
					138	146		← NOTE →			162	146	
4	118	069	419	5	98	40	141	442	442	5	120	42	⊼ = RODRIGUEZ
					200	186					170	188	
5	176	220	477	5	152	48	146	739	447	5	122	48	
					207	234					163	236	
6	183	271	484	5	159	48	135	119	436	5	107	56	
					197	282					183	292	
7	167	069	468	5	137	60	156	760	457	5	129	54	
					186	342					182	346	
8	158	248	459	5	130	56	157	708	458	5	132	50	
					196	398					180	396	
9	186	781	487	5	176	20	170	261	471	5	160	20	
	+1368	389 ✓				418	✓1391	484 ✓				416 ✓	
B.M. 37-19C							+1368	389				418	B.M. 37-19C
							23	095 ✓				834 ✓	SYRACUSE & BESS
													F.B. 3709-179

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 9-JULY '71

INDEXED G. J. GALLI DATE AUG '71

WEATHER CLEAR & CALM

TIME 13:35

NOTES CHKD BLANCHARD DATE

INST. NO. 75234

ROD NO. 1713 A

1 = 92° 4116 10/91

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

T = 98

WEATHER Clear & Calm INST. NO 75234
TIME 10:15 ROD NO 7134
NOTES CHKD PLANIMARD DATE

JOB NO 030102
SURVEY OF L.A.C. Precise Level Net
SURVEY BY Randall NOTES Anderson DATE: 12-July'71
INDEXED S. J. Galli DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM B.M. 37-19c TO B.M. 37-18
B.M. 37-19c											
1	155	929	456	5	175 / 139 / 170 — 36	159	879	455	5	172 / 136 / 188 — 36	B.M. 37-18 c
											SYRACUSE & BESS
2	140	731	441	5	110 — 60	158	610	459	5	128 — 60	F.B. 3709 I 178
					177 — 96					184 — 96	
3	148	108	449	5	119 — 58	155	720	456	5	126 — 58	
					144 — 154					204 / 154	
4	117	930	418	5	90 — 54	177	311	478	5	150 — 54	
					172 — 208					173 — 208	
5	144	181	445	5	116 — 56	145	782	446	5	117 — 56	T = RODRIGUEZ
					146 — 264					121 — 264	
6	122	969	423	5	98 — 48	97	360	398	5	73 — 48	
					168 — 312					168 — 312	
7	143	940	444	5	118 — 50	144	240	445	5	120 — 48	
					200 — 362					172 — 360	
8	177	722	478	5	154 — 46	146	630	447	5	120 — 52	
					175 — 408					123 — 412	
B.M. 37-18	169	818	470	5	163 — 12	117	480	418	5	111 — 12	B.M. 37-18
	+ 1321	328 ✓			420	1298	012 ✓			424	GARVEY AVE. & WESTCOTT
	- 1298	012								420	F.B. 1358-25
	+ 23	316 ✓								844 ✓	

76P526B CE # 308 8/68

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 37-19C									FROM B.M. 37-19C TO B.M. 37-19D
1	196	282	497 5	43 179 34	152	780	453 5	168 136 32	B.M. 37-19C
				208				144	SYRACUSE & BESS
2	173	712	474 5	138 70	108	660	409 5	72 72	F.B. 3709-179
				216 104				159 104	
3	194	912	495 5	172 44	134	849	435 5	109 50	
				188 148				162 154	
4	160	210	461 5	132 56	137	008	438 5	112 50	T = RODRIGUEZ
				267 204				144 204	
5	234	709	535 5	201 66	110	590	411 5	76 68	
				177 270				149 272	
6	151	942	452 5	125 52	120	630	421 5	91 58	
				191 322				160 330	
7	171	160	472 5	151 40	143	470	444 5	126 34	
				219 362				102 364	
8	193	289	494 5	167 52	75	938	376 5	48 54	
				222 414				127 418	
9	210	752	511 5	198 24	117	642	418 5	107 20	
				191 438				111 438	
10	180	159	481 5	169 22	99	612	400 5	87 24	
	+ 1867	127 ✓		460 ✓	1201	179 ✓		462 ✓	
B.M. 37-19D	- 1201	179						460	B.M. 37-19D
	+ 665	948 ✓						922 ✓	RAMONA BLVD. & 605 FREEWAY
									F.B. 3709-181

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 9 - JULY '71

INDEXED G. J. GALLI DATE AUG 5 '71

WEATHER CLEAR & CALM

TIME 14:30

NOTES CHKD BLANCHARD DATE

INST. NO. 75234

ROD NO. 1713 A

T = 94°

288

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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
B.M.37-19D									FROM B.M. 37-19D TO B.M. 37-19C
1	104	469	405 5	100 78 52	274	340	575 5	299 249 50	B.M. 37-19D
				102				231	ROMONA BLVD. & 605 FREEWAY B
2	81	810	382 5	60 42	212	130	513 5	193 38	F.B. 3709-181
				188 94	187	560	488 5	~~201~~ 88	222 152
3	157	070	468 5	126 62	~~176~~	~~309~~	~~477 5~~	~~151~~ 70	✓
				160 156				256 158	
4	133	580	434 5	106 54	229	392	530 5	202 54	
				164 210				198 212	
5	134	751	435 5	104 60	168	278	469 5	138 60	
				152 270				223 272	T = RODRIGUEZ
6	126	379	427 5	100 52	197	270	498 5	171 52	
				155 322				232 324	
7	119	098	420 5	83 72	196	618	497 5	160 72	
				182 394				240 396	
8	152	910	453 5	122 60	210	430	511 5	180 60	
	+1010	067 ✓		454 ✓	1676	018 ✓		456 ✓	
B.M.37-19C			5		+1010	067		454	B.M. 37-19C
					-665	951 ✓		910 ✓	SYRACUSE & BESS
									F.B. 3709-179

T = 86°

WEATHER CLEAR & CALM INST. NO. 7523

TIME 09:25 ROD NO. 1713A

NOTES CHKD BLANCHARD DATE

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE: 12-JULY '71

INDEXED G. J. GALLI 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. 37-19D									FROM B.M. 37-19D TO B.M. 46-1
1	166	020	467 5	206 126 80	251	742	552 5	292 210 82	B.M. 37-19 D
				198				201	ROMONA BLVD. & 605 FREE-
2	168	661	469 5	138 60	171	081	472 5	141 60	WAY BRIDGE
				164 140				202 142	F.B. 3709-181
3	145	210	446 5	126 38	183	832	484 5	164 38	
				169 178				265 180	
4	140	248	441 5	111 58	236	812	537 5	207 58	⊼ = RODRIGUEZ
	+620	139 ✓		236 ✓	843	467 ✓		238 ✓	
B.M. 46-1					+620	139		236	B.M. 46-1
					223	328 ✓		474 ✓	ROMONA BLVD. & GILMAN
									F.B. 1367-153

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

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

NOTES BY R. ANDERSON DATE 12 - JULY '71 TIME 08:20 ROD NO. 1713 Bus

INDEXED J. GALLI DATE AUG 5 '71 NOTES CHKD BLANCHARD DATE AUG 1 '71

T = 78°

4116

206

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. 46-1	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 46-1 TO B.M. 37-19D
1	230	789	531	5	260 200	60	134	230	435	5	163 105	58	B.M. 46-1
					210						164		ROMONA BLVD. & GILMAN
2	184	072	485	5	158	52	139	580	440	5	114	50	F.B. 1367-153
					195	112					171	108	
3	166	921	467	5	137	58	140	130	441	5	109	62	
					232	170					160	170	⊼ = RODRIGUEZ
4	214	030	515	5	196	36	142	638	443	5	124	36	
					192	206					210	206	
B.M. 37-19D	171	030	472	5	150	42	187	078	488	5	164	46	B.M. 37-19D
	+966	842				248	743	656				252	ROMONA BLVD. & 605 FREEWAY
	-743	656										248	BRIDGE
	223	186										500	F.B. 3709-181

T = 80°

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

SURVEY BY KANDALL NOTES ANDERSON DATE: 12-JULY '71 WEATHER CLEAR & CALM INST. NO. 7525

INDEXED G. J. GALLI DATE TIME 08:55 ROD NO. 171391

NOTES CHKD BLANCHARD DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 46-1 TO BM37-19E
1	165	031	466	5	185 / 145	40	202	041	503	5	222 / 182	40	B.M 46-1
													RAMONA BLVD. & GILLMAN RD.
2	90	252	391	5	117 / 63	54	238	781	539	5	266 / 210	56	FB 1367-153
						94						96	
3	66	842	367	5	88 / 44	44	217	472	518	5	240 / 194	46	
						138						142	
4	127	612	428	5	155 / 99	56	168	104	469	5	197 / 139	58	
						194						200	⊼ PETERSON
5	137	624	438	5	166 / 108	58	192	457	493	5	218 / 166	52	
						252						252	
6	207	389	508	5	223 / 191	32	161	747	462	5	176 / 146	30	
	+ 794	750				284	1180	602				282	
							+ 794	750				284	
B.M. 37-19E							- 385	852				566	B.M. 37-19E
													GILLMAN RD & WOODVILLE DR.
													FB 3709-183

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

SURVEY BY J. RANDALL

NOTES BY R. MOORE DATE 14 JULY 71

INDEXED [illegible] DATE AUG 5 71

WEATHER HAZY

TIME 1335

NOTES CHKD BLANCHARD DATE

INST. NO. 75234

ROD NO. 1713A

F.B. 4116 PG. 197

T=92°

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. 37-19E	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 37-19E TO BM 37 46-1
1	138	227	439	5	148 128	20	177	971	478	5	187 167	20	B.M. 37-19E
													Gillman Rd. So. of Woodville
2	185	834	486	5	216 154	62	142	426	443	5	172 112	60	F.B. 3709-183
						82						80	
3	169	327	470	5	200 138	62	123	284	424	5	153 93	60	⊼ Moore
						144						140	
4	243	083	544	5	274 212	62	49	495	350	5	80 18	62	
						206						202	
5	241	050	542	5	269 213	56	91	318	392	5	118 64	54	
						262						256	
6	171	720	472	5	180 162	18	179	178	480	5	191 167	24	B.M. 46-1
	+ 1149	241 ✓				280	763	672 ✓				280	GILLMAN @ Ramona Blvd.
B.M. 46-1	- 763	672										280	F.B. 1367-153
	+ 385	569 ✓										560	

F.B. 4114 PG. 198 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES JGR 19-Jul-71

INDEXED [illegible] DATE

WEATHER Clear. Calm INST. NO. 75234

TIME 10:00 ROD NO. 1713A.B

NOTES CHKD BLANCHARD DATE

T = 80°

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. 46-1													FROM B.M. 46-1 TO BM 37-19E
1	181	654	482	5	195 167	28	185	437	486	5	198 172 ~~486~~	26	B.M. 46-1
													GILLMAN RD. @ RAMONA
2	60	390	361	5	90 30	60	236	737	537	5	266 206	60	F.B. 1367-153
						88						86	
3	80	794	381	5	103 57	46	239	025	540	5	262 216	46	⊼ MOORE
						134						132	(RERUN)
4	115	980	416	5	145 85	60	173	975	474	5	202 144	58	
						194						190	
5	156	783	457	5	188 124	64	184	367	485	5	216 152	64	
						258						254	
6	194	665	495	5	208 180	28	156	704	457	5	170 142	28	B.M. 37-19E
	+ 790	266 ✓				286	176	245 ✓				282 ✓	GILLMAN Rd. So. of Woodville
B.M. 37-19E							+ 790	266				286	F.B. 3709-183
							385	979 ✓				568 ✓	

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

SURVEY BY Randall

NOTES BY " DATE 19-Jul-71

INDEXED G. J. GALLI DATE AUG 5 '71

WEATHER Clear

TIME 11:20

NOTES CHKD BLANCHARD DATE

INST. NO. 75234

ROD NO. 1713A.B

T = 90°

F.B. 4116 PG. 199

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 75339 ROD NO. 1713 DATE 3-26-57

NOTES CHKD. BLANCHARD DATE

WEATHER Haze

TIME 13:50

T = 940

SURVEY BY Randall NOTES SGQ 19-JUL-71

INDEXED GJ GALLI DATE

F.B. 4116 PG. 200 JOB NO. 030102

SURVEY OF L.A.Co. Precise Level Net

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 37-19E													FROM B.M. 37-19E TO B.M. 46-1
1	135	999	436	5	125 (125)	20	176	918	477	5	166 (165)	20	B.M. 37-19E
													GILLMAN So. of Woodville
2	187	195	488	5	164 (210)	46	148	250	449	5	125 (171)	46	F.B. 3709-183
						66					(168)	66	
3	173	704	474	5	149 (197)	48	140	870	441	5	112	56	T Moore
						114						122	(RERUN)
4	186	008	487	5	159 (213)	54	80	235	381	5	57 (103)	46	
						168						168	
5	245	720	546	5	220 (270)	50	102	510	403	5	77 (127)	50	
						218						218	
6	250	900	551	5	221 (279)	58	144	800	445	5	115 (173)	58	B.M. 46-1
	+ 197					276 ✓	793	583 ✓				276 ✓	GILLMAN Rd. @ Ramona
B.M. 46-1	+ 1179	526 ✓										276	F.B. 1367-153
	- 793	583										552 ✓	
	+ 385	943 ✓											

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 T=92°
SURVEY BY RANDALL WEATHER HAZY INST. NO. 75234
NOTES BY MOORE DATE 14 JULY 71 TIME 1420 ROD NO. 7113 AB
INDEXED C.J. GALLI DATE AUG 5 71 NOTES CHKD [illegible] DATE [illegible]
F.B. 4116 PG. 201

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
RM 37-19E	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM RM37-19E TO RM37-20
1	142	404	443	5	167 117	50	187	233	488	5	LPE 162	50	R.M.37-19E
					148						183		GILLMAN RD & WOODVILLE DR.
2	123	446	424	5	98	50	158	944	459	5	131	50	F.B. 3709-183
					194	100					80	100	
3	166	608	467	5	138	56	52	963	353	5	24	56	
					250	156					231	156	T PETERSON
4	225	031	526	5	200	50	206	369	507	5	181	50	
					157	206					196	206	
5	132	783	433	5	107	50	170	803	471	5	144	52	
						256						258	
6	139	394	440	5	168 110	58	223	411	524	5	250 196	54	
	+929	666				314	-999	723				312	✓
							-929	666				314	
							-70	057				626	✓
M37-20													R.M.37-20
													GILLMAN RD & FERRIS &
													F.B. 3709-171

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. 37-20	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 37-20 TO BM. 37-19E
1	234	895	535	5	264 204	60	143	628	444	5	173 113	60	B.M. 37-20
													GILLMAN @ Ferris
2	186 ~~187~~	872	487	5	219 153	66	119	911	420	5	152 86	66 ~~64~~	F.B. 3709-171
						126						126	
3	125	008	426	5	150 100	50	282	663	583	5	1) 282 2) 256	52	⊼ Moore
						176						178	
4	138	040	439	5	169 107	62	135	706	436	5	168 102	66	
						238						244	
5	172	544	473	5	195 149	46	129	617	430	5	150 108	42	
						284						286	B.M. 37-19E
6	165	115	466	5	180 150	30	141	373	442	5	155 127	28	GILLMAN Rd. South of
+	1022	474 ✓				314 ✓	952	898 ✓				314 ✓	Woodville
-	952	898										314	F.B. 3709-183
B.M. 37-19E +	69	576 ✓										628 ✓	

T = 76°

WEATHER Clam INST. NO. 75234

TIME 09:30 ROD NO. 1713A

NOTES CHKD BLANCHARD DATE

F.B. 4116 PG. 202 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Randall NOTES JGR 19-Jul-71

INDEXED L. 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY _____ WEATHER _____ INST. NO. _____
NOTES BY G. J. GALLI DATE _____ TIME _____ ROD NO. _____
INDEXED _____ DATE AUG 5 71 NOTES CHKD BLANCHARD DATE _____

T = 92°

F.B. 4116 Pg. 203

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		
B.M. 37-19E													FROM B.M. 37-19E TO B.M. 37-20
1	136	547	437	5	158 114	44	180	505	481	5	202 158	44	B.M. 37-19E
					162						197		GILLMAN So of Woodville
2	132	154	433	5	102	60	168	113	469	5	139	58	F.B. 3709 - 171 183
					180	104					139	102	
3	159	706	460	5	138	42	118	084	419	5	97	42	T Moore
					283	146					146	144	Rerun
4	263	563	564	5	243	40	126	320	427	5	106	40	
					138	186						184	
5	111	153	412	5	84	54	182	252	483	5	½ 182 155	54	
					170	240					204	238	
6	145	648	446	5	120	50	179	373	480	5	154	50	
					136	290					200	288	
7	123	498	424	5	110	26	187	514	488	5	174	26	B.M. 37-20
	+1072	269 ✓				316 ✓	142	161 ✓				314 ✓	GILLMAN @ Ferris &
B.M. 37-20							-1072	269				316	F.B. 3709 - 171
							69	892 ✓				630 ✓	

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 37-20	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 37-20 TO B.M. 37-19E
1	232	144	533	5	260 204	56	147	172	448	5	173 121	52	B.M. 37-20
													GILLMAN @ Ferris
2	179	727	480	5	208 150	58	128	892	429	5	159 97	62	F.B. 3709-~~171~~ 171
						114						114	
3	195	005	496	5	217 173	44	250	397	551	5	274 226	48	⊼ Moore
						158						162	(RERUN)
4	55	492	356	5	85 25	60	150	681	451	5	177 123	54	
						218						216	
5	174	207	475	5	198 150	48	135	696	436	5	159 111	42	
						266						258	
6	183	522	484	5	205 161	44	137	165	438	5	162 ½ 137	50	BM 37-19E
+	1020	097 ✓				310 ✓	950	003 ✓				308 ✓	GILLMAN So. of Woodville
B.M. 37-19E -	950	003										310	F.B. 3709-~~171~~ 183
+	70	094 ✓										618 ✓	

F.B. 4116 PG. 204 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES JG.R 19-Jul-71

INDEXED G. J. GALLI DATE

T= 940

WEATHER Haze INST. NO. 75234

TIME 13:40 ROD NO. 1713A.E

NOTES CHKD BLANCHARD DATE AUG 6 '71

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 DATE 14 JULY 71 WEATHER HAZY INST. NO. 25224
NOTES BY MOORE TIME 1450 ROD NO. 1713 AR
INDEXED C.J. CALL DATE AUG 5 71 NOTES CHKD BLANCHARD DATE AUG 5 71

F.B. 4116 PG. 205

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 37-20 TO BM 37-20A
BM 37-20					180						161		BM 37-20
1	171	607	472	5	162	18	152	007	453	5	143	18	GILLMAN RD & FERRIS
													FB 3709 - ~~172~~ 171
+	171	607					+ 152	007					T - PETERSON
BM 37-20A	152	007											BM 37-20A
+	19	600	✓									18	GILLMAN RD & FERRIS
												18	F.B. 3709-172
												36	✓

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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
B.M. 37-20A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 37-20A TO 37-20
													B.M. 37-20A
													Ferris @ Gillman Rd.
													F.B. 3709-172
1	167	257	468	5	174 160	14	186	886	487	5	192 180	12	⊼ MOORE
												14	
												26	
B.M. 37-20	167	257					186	886					B.M. 37-20
							167	257					Gillman @ Ferris ℄
							19	629					F.B. 3709-171

T = 760

WEATHER Clear. Calm INST. NO. 75234

TIME 09:20 ROD NO. 1713A.C

NOTES CHKD. FLANCHARD DATE AUG 6 71

F.B. 4116 PG. 206 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES JGR 19-Jul-71

INDEXED G. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 37-20A													FROM B.M. 37-20A TO B.M. 37-21A
1	137	952	438	5	152 / 122	30	176	129	477	5	191 / 161	30	BM 37-20A
													GILLMAN & FERRIS
2	131	089	432	5	160 / 102	58	159	702	460	5	188 / 130	58	F.B. 3709-172
						88						88	
3	134	831	435	5	157 / 111	46	155	478	456	5	177 / 133	44	
						134						132	
4	105	477	406	5	136 / 74	62	163	260	464	5	195 / 131	64	π PETERSON
						196						196	
5	154	280	455	5	174 / 134	40	186	663	487	5	206 / 166	40	
	+ 663	629				236	841	232				236	
							663	629				236	
B.M. 37-21A							177	603				472	B.M. 37-21A
													DURFEE & EXLINE &
													F.B. 3709-173

206

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

SURVEY BY RANDALL

NOTES BY MOORE DATE 14 JULY 71

INDEXED G. J. GALL DATE AUG 5 71

WEATHER HAZY T=90°

TIME 1500

NOTES CHKD BLANCHARD DATE AUG 5 71

INST. NO 75234

ROD NO. 1713 AB

F.B. 4116 PG. 207

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.37-21A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.37-21A TO B.M.37-20A
1	197	811	498	5	227 167	60	162	320	463	5	191 133	58	B.M.37-21A
													Durfee @ Ex-line ℄
2	181	889	482	5	214 148	66	111	714	412	5	144 78	66	F.B. 3709-173
						126						124	
3	174	203	475	5	206 142	64	145	371	446	5	177 113	64	⊼ Moore
	Note					190						188	
4	174	540	475	5	198 150	48	131 ~~174~~	628	432	5	156 106	50	
+	728	443 ✓				238 ✓	551	033 ✓				238 ✓	BM. 37-20A
B.M.37-20A -	551	033										238	Gillman @ Ferris
+	177	410 ✓										476 ✓	F.B. 3709-172

F.B. 4116 PG. 208 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES 19 Jul '71 Randall

INDEXED [illegible] GALLI DATE

WEATHER Clear-Calm INST. NO. 75234

TIME 09:05 ROD NO. 1713AB

NOTES CHKD BLANCHARD DATE AUG 6 '71

T = 76°

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
BM37-21A									FROM BM 37-21A TO BM 37-22
1	143	120	444 5	176 110 66	147	052	448 5	180 114 66	BM 37-21A
									DURFEE & EXLINE ℄
2	77	414	378 5	117 42 70	122	590	423 5	157 87 70	F.B. 3709-173
				1 36				1 36	
3	53	144	354 5	89 17 72	122	268	423 5	160 84 76	
				2 08				2 12	T ANDERSON
4	138	806	439 5	163 113 50	107	698	408 5	132 82 50	
				2 58				2 62	
5	197	438	498 5	215 179 36	95	078	396 5	111 79 32	
	+ 609	922		2 94	594	686		2 94	
	- 594	686						2 94	
	+ 15	236						5 88	
BM37-22									BM 37-22
									GARVEY AVE & S.P.R.R. BRIDGE
									F.B. 1358-29

230

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

SURVEY BY RANDALL

NOTES BY PETERSON DATE 15 JULY 71

INDEXED G.J. GALLI DATE AUG 5 '71

WEATHER PARTLY CLOUDY TIME 8:30

NOTES CHKD BLANCHARD DATE

T=70

INST. NO 75234

ROD NO 1713A2

F.B. 4116 PG. 209

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 17BM
WEATHER Partly Cloudy TIME 14:40
NOTES CHKD BLANCHARD DATE AUG 67
T=86
F.B. 4116 PG. 210 JOB NO. 03 01102
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RANDALL NOTES PETERSON 7-15-71
INDEXED DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM 37-22									FROM BM 37-22 TO BM 37-21A
1	4785	6	3485	42 10	294	415	5955	289 10	BM 37-22
									GARVEY & S.P.R.R. BRIDGE
2	202	722	5035	198 8	288	680	5895	280 8	F.B. 1358-29
				18				18	
3	23	432	3245	9 28	269	448	5105	194 30	
				46				48	T ANDERSON
4	163	578	4445	146 34	50	102	3515	33 34	
				80				82	
5	283	630	5845	263 46	31	146	3325	12 38	
				126				120	
6	197	468	4985	172 50	113	712	4145	88 50	
				170				170	
7	130	284	4315	102 56	79	436	3805	50 58	
				226				228	
8	162	428	4635	137 50	138	963	4395	112 52	
				276				280	
9	148	662	4495	138 20	169	572	4705	160 18	
	+1360	072		296	1375	474		298	
					+1360	072		296	
					15	402		594	
BM 37-21A									BM 37-21-A
									DURFEE & EXLINE ℄
									F.B. 3709-173

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 37-22 TO BM 37-22B
BM 37-22													
1	113	572	414	5	134 92	42	146	303	447	5	167 125	42	BM 37-22
													GARVEY AVE & S.P.R.R. BRIDGE
2	147	362	448	5	158 136	22	110	589	411	5	121 99	22	F.B. 1358-29
	+260	934 ✓				64	256	892 ✓				64 ✓	
	-256	892										64	⊼ ANDERSON
	+ 4	042 ✓										128 ✓	
BM 37-22B													BM 37-22B (NEW)
													GARVEY AVE & S.P.R.R. BRIDGE
													F.B. 3709-176

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

SURVEY BY BANDALL

NOTES BY PETERSON DATE 15 JULY 71

INDEXED [illegible] DATE [illegible] 5 71

WEATHER PARTY CLOUDY TIME 9:20

NOTES CHKD BLANCHARD DATE [illegible]

INST. NO. 75234

ROD NO. 1713AB

F.B. 4116 PG. 211

T=70

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
BM 37-22B	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 37-22B TO BM 37-22
1	103	250	404	5	120 84	38	147	082	448	5	166 128	38	BM. 37-22B (NEW)
													GARVEY AVE & S.P.R.R. BRIDGE
2	134	092	435	5	143 125	18	94	202	395	5	103 85	18	FB. 3709-176
	+ 237	342 ✓				56 ✓	241	284 ✓				56 ✓	
							+ 237	342				56	⊼ ANDERSON
							3	942 ✓				112 ✓	
BM 37-22													BM 37-22
													GARVEY & S.P.R.R. BRIDGE
													F.B. 1358-29

F.B. 4116 PG. 212 JOB NO. D301.02 T=88

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES DE TERSON 7-15-71

INDEXED G. J. GALLI DATE

WEATHER PARTLY CLOUDY INST. NO. 7524

TIME 14:10 ROD NO. 17 BA

NOTES CHKD. BLANCHARD DATE

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM 37-22B													FROM BM 37-22B TO BM 37-22A
1	20	099	321	5	32 8	24	217	705	518	5	229 205	24	BM 37-22B
													GARVEY & S.P. RR. BRIDGE
2	138	122	439	5	168 108	60	150	242	451	5	180 120	60	F.B. 3709-176
						84						84	
3	142	253	443	5	145 138	6	150	850	457	5	153 147	6	T ANDERSON
	+300	474				90	518	797				90	
							+300	474				90	
BM 37-22A							218	323				180	BM 37-22A (NOW ROYAL INN)
													GARVEY AVE & WILSON AUTO COURT
													F.B. 3709-177

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

SURVEY BY R. ANDALL WEATHER PARTLY CLOUDY INST. NO. 75234

NOTES BY PETERSON DATE JULY 15, 1971 TIME 9:30 ROD NO. 1773AB

INDEXED S.T. GALLI DATE AUG 5 71 NOTES CHKD BLANCHARD DATE

1-74

F.B. 4116 PG. 213

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 37-22A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 37-22A TO BM 37-22B
1	162	651	463	5	196 / 128	68	142	713	443	5	176 / 108	68	BM 37-22A
													GARVEY & WILSON AUTO COOR
2	273	424	574	5	283 / 263	20	75	130	376	5	86 / 64	22	(NOW ROYAL INN)
	+436	075 ✓				88 ✓	217	843 ✓				90 ✓	
B.M. 37-22B	217	843										88	ANDERSON
	+218	232 ✓										178 ✓	
													BM 37-22B
													GARVEY AVE & S.P.R.R. BRIDGE
													F.B. 3709-176

F.B. 4116 PG. 214 JOB NO. 0301.02

SURVEY OF LA. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 7-15-77

INDEXED [illegible] DATE

WEATHER PTLY CLOUDY INST. NO. 75234

TIME 13:50 ROD NO. 713AB

NOTES CHKD. BLANCHARD DATE [illegible]

T=90

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 T=74

SURVEY BY RANDALL

NOTES BY PETERSON DATE JULY 15, 1971 WEATHER PTLY CLOUDY INST. NO 7523V

INDEXED [illegible] DATE AUG 5 71 TIME 9:45 ROD NO 17BAB

NOTES CHKD [illegible] DATE [illegible]

F.B. 4116 PG. 215

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 37-22A									FROM BM 37-22A TO 12-5A
1	111	288	412 5	143 79 64	127	698	428 5	160 94 66	BM 37-22A
									GARVEY AVE & WILSON AUTO COURT (NOW ROYAL INN)
2	117	862	418 5	131 103 28	145	718	446 5	158 132 26	FB 3709-177
	+229	150 ✓		92	273	416 ✓		92 ✓	
					+229	150		92	⊼ ANDERSON
					44	266 ✓		184 ✓	
									BM 12-5A
BM 12-5A									~~BM 12~~ - 5A
									GARVEY & VALLEY

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 12-5A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 12-5A TO BM 37-22A
1	174	628	475	5	207 / 141	66	133	292	434	5	164 / 102	62	BM 12-5A
													GARVEY & VALLEY
2	149	053	450	5	163 / 135	28	146	133	447	5	164 / 131	30	
+	323	681 ✓				94	279	425 ✓				92 ✓	
−	279	425										94	
+	44	256 ✓										186 ✓	π ANDERSON
BM 37-22A													BM 37-22A
													GARVEY & WILSON AUTO COURT
													(NOW ROYAL INN)

T = 88

WEATHER PTLY CLOUDY INST. NO. 7523

TIME 13:26 ROD NO. 7131

NOTES CHKD BLANCHARD DATE

F.B. 4116 PG. 216 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES PETERSON 7-15-71

INDEXED [illegible] 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. 12-5A									FROM B.M. 12-5A TO B.M. 12-5
									B.M. 12-5A
									GARVEY & VALLEY
									F.B. 3709-104
				190				212	
1	174	748	475 5	158 3.2	196	920	497 5	180 32	T = R. MOORE
B.M. 12-5									B.M. 12-5
	174	748			196	920		32	GARVEY & VALLEY
					174	748		32	F.B. 3709-103
					22	172 ✓		64 ✓	

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

SURVEY BY V. RANDALL WEATHER CLEAR & CALM INST. NO. 75234

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

INDEXED G. J. GALLI DATE 5 71 NOTES CHKD BLANCHARD DATE

T = 86°

F.B. 4116 PG. 217

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 12-5	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 12-5 TO B.M. 12-5A
													B.M. 12-5
													GARVEY & VALLEY &
					214						191		F.B. 3709-103
1	197	776	498	5	180	34	175	637	476	5	159	32	T = R. MOORE
												34	
B.M. 12-5A													B.M. 12-5A
	197	776					175	637				66	GARVEY & VALLEY
	175	637											F.B. 3709-104
+	22	139											

T = 86°

WEATHER CLEAR & CALM INST. NO. 73234

TIME 10:15 ROD NO. 1713 Ad

NOTES CHKD BLANCHARD DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE: 15 July '71

INDEXED G. J. GALLI DATE

FB. 4116 PG. 218

CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
B.M. 12-5									FROM B.M. 12-5 TO B.M. 12-4
1	203	467	504 5	184 38	153	726	454 5	173 133 40	B.M. 12-5
				181				181	GARVEY & VALLEY ℄
2	154	190	455 5	127 54	152	133	453 5	123 58	F.B. ~~13~~ 3709-103
				198 92				185 98	
3	166	878	467 5	134 64	155	544	456 5	125 60	
				196 156				176 158	
4	164	887	465 5	132 64	142	858	443 5	108 68	T = R. MOORE
				203 220				174 226	
5	177	615	478 5	151 52	151	234	452 5	128 46	
				189 272				150 272	
6	159	600	460 5	129 60	117	808	418 5	84 66	
				148 332				172 338	
7	122	280	423 5	96 52	150	350	451 5	128 44	
				118 384				207 382	
8	90	035	391 5	62 56	177	900	478 5	147 60	
				120 440				152 442	
9	111	242	412 5	102 18	144	907	445 5	136 16	
	+ 1350	194 ✓		458	1346	460 ✓		458 ✓	
B.M. 12-4	- 1346	460						458	B.M. 12-4
	+ 03	734						916	VALLEY & RUMFORD ℄ ±
	(3	734) ✓							F.B. 1379-8

JOB NO. 2 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 86°
SURVEY RANDALL
NOTES ANDERSON DATE 15 - JULY '71 WEATHER CLEAR & CALM INST. NO. 752 34
INDEXED DATE MAR 5 '71 TIME 10:30 ROD NO. 1713 A
NOTES CHKD DATE

F.B. 4116 PG. 219

4116

LOS
403 Los

STATION	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 12-4 TO B.M. 12-5
B.M. 12-4													
1	143	188	444	5	151 / 135	16	109	485	410	5	118 / 100	18	B.M. 12-4
2	175	615	476	5	201 / 149	52	130	138	431	5	156 / 104	52	VALLEY & RUMFORD & ±
3	195	904	496	5	224 / 166	68 / 58	130	502	431	5	161 / 99	70 / 62	F.B. 1379-8
4	139	737	440	5	166 / 112	126 / 54	163	208	464	5	187 / 139	132 / 48	π = R. MOORE
5	138	914	439	5	165 / 111	180 / 54	167	493	468	5	198 / 136	180 / 62	
6	134	262	435	5	169 / 99	234 / 70	162	068	463	5	193 / 131	242 / 62	
7	148	872	449	5	176 / 120	304 / 56	158	912	459	5	186 / 130	304 / 56	
8	147	262	448	5	180 / 114	360 / 66	162	204	463	5	194 / 130	360 / 64	
9	149	907	450	5	167 / 131	426 / 36	193	483	494	5	211 / 175	424 / 36	
	+ 1373	661 ✓				462	1377	493 ✓				460 ✓	
B.M. 12-5							+ 1373	661				462	B.M. 12-5
							+ 3	832 ✓				922	GARVEY & VALLEY &
													F.B. 3709-103

F.B. 4116 PG. 220 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY RANDALL NOTES ANDERSON DATE 15-JULY '71

INDEXED C.J. GALLI DATE

WEATHER CLEAR & CALM

TIME 11:20

NOTES CHKD

T = 84°