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

Survey of L.A.Co. PRECISE LEVEL NET
JN 0301.02 Tape Std °F
Surveyed by G.E. DREIER
Notes G.E. DREIER Date MAR 1972
Indexed C. J. GALLI APR 10 72

F. B. 4123 PG. 5

JOB NO. 0301.02

L.A.CO. PRECISE LEVEL NET

LINE NO. 126, (L.L.A.N.D. BASE)

DESCRIPTION REFERENCES
F.B. 3425 - 5 TO 66
F.B. 943 -

DREIER
MALDONADO
SIEMANN
OHASAI
McKNIGHT

Microfilmed 11-84.

F. B. 4123 PG. 6

SEE F.B. 3425-52 & 53 FOR LINE 126 ROUTE SKET

626B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier WEATHER Sunny & Breezy INST. NO. 26776
NOTES BY G.E. Dreier DATE 3-14-72 TIME 1:35 ROD NO. 713 A&B
INDEXED C.J. GALLI DATE APR 10 72 NOTES CHKD DATE
F.B. 4123 Pg. 7
T-80

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM / TO
					DETERMINATION OF "C"				
			NEAR ROD				FAR ROD		
				150				51 1/2	
1	148	939	449	5 146 4	24	025	325	5 24 1/2 54	54 M- 4 M= 50 M-0.20 mm
				169				292.1	
2	167	635	468	5 165 4	292	578	593	5 265 1/2 54	54 M- 4 M= 50 M=0.20 mm
	316	574		8	316	603		108	
	316	563				040 mm		108	
	+	011			-0.	mm			Curvature Corr.=0.40 mm
					316	563		100	
	4	.401		mm= "C"					
	100 /	0.110							
									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 G.E. Dreier
NOTES BY Maldonado DATE 3-15-72 TIME 9:45
INDEXED C. J. GALLI DATE APR 10 72 NOTES CHKD DATE
WEATHER Sunny & Windy INST. NO. 96716
ROD NO. 1713 AC R
F.B. 4123 PG. 9
T-74°

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				
				168				234	
1	166	355	467 5	164 4	207	488	508 5	180 54	54 M- 4 M=50 M-0.20 mm
				162				146	
2	160	080	461 5	158 4	119	011	420 5	92 54	54 M- 4 M=50 M=0.20 mm
	326	435		8	326	499		108	
						040 mm		8	
	+				-0. mm				Curvature Corr.=0.40 mm
					326	459		100	
					326	435			
					-	0.24			
				mm= "C"					
					-	.002	mm= "C"		
					100	0.240			

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 80°
SURVEY BY G.E. Dreier DATE 3-16-72 WEATHER Sunny INST. NO 36716
NOTES BY Maldonado TIME 10:10 ROD NO 12134
INDEXED C. J. GALLI DATE APR 10 '72 NOTES CHKD DATE
F.B. 41123 PG. 11

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			
				154				149	
1	150	730	453 5	150 4	122	758	423 5	95 54	54 M-4 M=50 M-0.20 mm
				161				216	
2	159	222	460 5	157 4	189	388	490 5	162 54	54 M-4 M=50 M=0.20 mm
	311	952		6	312	146		108	
						040 mm			
	+				-0. mm			8	Curvature Corr.=0.40 mm
					312	106		100	
					311	952			
					-	154			
				mm= "C"					
	/								
						-0.015	mm= "C"		
					100 /	1,540			
						100			
						540			

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 86°
SURVEY BY G. E. DRELEIZ WEATHER SUNNY INST. NO 96716
NOTES BY S. EMANN DATE 3-17-72 TIME 10:05 TO 12:15 ROD NO 17138
INDEXED G. J. GALLI DATE APR 10 '72 NOTES CHKD DATE
F.B. 4123 PG. 13

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	160	923	461	5 162 158 4	159	089	460	5 186 132 54	54 M- 4 M= 50 M-0.20 mm
2	157	531	458	5 159 153 4	159	439	460	5 186 132 54	54 M- 4 M= 50 M=0.20 mm
	318	454		8	318	528		108	
	+				-0.	040 mm		8	Curvature Corr.=0.40 mm
					318	488		100	
					318	454			
					-	034			
	/			mm= "C"					
					100/	± .003 mm = "C" 0.34			

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 76°
SURVEY BY G.E. DREIER WEATHER Sunny INST. No 96716
NOTES BY SIEMANN DATE 3-20-72 TIME 10:20 TO 10:30 ROD NO. 1713 A-B
INDEXED G. J. GALLI DATE 4-10-72 NOTES CHKD DATE
F.B. 41 23 Pgs 5

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	152.826	4535	154 150	4	205212	5065	232 178	54	54M- 4 M= 50 M-0.20mm
2	136695	4375	138 134	4	84 354	3855	110 56	54	54M- 4 M= 50 M=0.20mm
	289521				289516			108	
				8	040				
	+				-0. mm			8	Curvature Corr.=0.40mm
					289526			100	
					289521				
					- 005				
	/		mm= "C"						
					.000 mm= "C"				
					100 / 0.05				

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F.B. 4123 PG. 16 JOB NO. 0301.02
SURVEY OF L.A.CO. PRECISE LEVEL NET
SURVEY BY DREIER NOTES SIEMANN 3-21-72
INDEXED D.J. GALLI DATE
NOTES CHKD DATE
WEATHER SUNNY INST. NO. 86716
TIME 10:15 TO 10:25 ROD NO. 71348

T = 78°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
	NEAR ROD				FAR ROD				
	152	989	453	5 154 150 4					
1	~~196~~	~~743~~	~~497~~	~~5 223 169~~	196	743	497	5 223 169	54 M. 4 M = 50 = 0.20 MM.
2	145	085	446	5 147 143 4	101	479	402	5 128 74 54	54 M. 4 M. = 50 = 0.20 MM.
	298	074			298	222		108	
				8		040		8	CC = 0.40 MM.
					298	182		100	
					298	074			
						108			
					- .010 MM. = "C"				
					100) 1.08				

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 3-22-72
INDEXED C. J. GALLI DATE APR 10 '72
WEATHER Sunny
TIME 10:15
NOTES CHKD
INST. NO 96716
ROD NO 1713 A&E
DATE
T-74°
F.B. 4123 PG. 17

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	153	450	454 ~~4~~ 5	155 151 4	98	369	399 5	125 71 54	54 M- 4 M=50 M-0.20 mm
2	165	451	466 5	167 163 4	220	830	521 5	247 193 54	54 M- 4 M=50 M=0.20 mm
	318	901		8	319	199		108	
						040 mm		8	
	+				~~-0. mm~~				Curvature Corr.=0.40 mm
					319	159		100	
					318	901			
					-	148			
				mm= "C"					
					-	.015		mm= "C"	
					100/	1.480			

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-706
SURVEY BY Maldonado G.E. Draper DATE 3-23-72 WEATHER Sunny/Calm INST. NO. 96716
NOTES BY E. J. GALLI DATE MAR 10 72 TIME 1:25 ROD NO. 113415
INDEXED DATE NOTES CHKD DATE F.B. 4123 Pg. 19

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS FROM ___ TO ___
						DETERMINATION OF "C"					
		NEAR ROD					FAR ROD				
				165					190		
1	162	104	463 5	160	4	163	730	464 5	136	54	54 M- 4 M= 50 M-0.20 mm
				156					180		
2	154	950	455 5	152	4	163	337	454 5	126	54	54 M- 4 M= 50 M=0.20 mm
	317	054			8	317	067			108	
	317	027					040 mm				
	+	027				-0. mm				8	Curvature Corr.=0.40 mm
						317	027			100	
						-					
	+ .003			mm= "C"							
	100 / 0.27										
						/			mm= "C"		

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WEATHER CLEAR-CALM INST. NO. 96216
TIME 10 1/2 ROD NO. 27
NOTES CHKD DATE
74°

F.B. 4123 Pg. 20 JOB NO. 0301.02
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 3-24-72
INDEXED G. J. GALLI DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
	NEAR ROD		DETERMINATION OF C'						
	158	017	4595	160 156 4	81	767	3825	107 55 52	52 m − 4 m = 48 m = 0.20 mm
	154	721	4555	156 152 4	231	128	5325	257 205 52	52 m − 4 m = 48 m 0.20 mm
	312	738		8	312	895		104	CURVE CORR. = 0.40 mm
						0.40 mm			
					317	855			
					312	738			
						1,17			
						−0,612 m.m = C			
					98	117			
						98			
						190			

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=54° F.B. 4123 Pg. 21
SURVEY BY G.E. DREES WEATHER SUNNY, WINDY INST. NO. 86714
NOTES BY G.E. DREES DATE 3-27-72 TIME 10:10 TO 10:15 ROD NO. 17348
INDEXED C. J. GALLI DATE APR 10 '72 NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ___ TO ___
					DETERMINATION OF "C"				
			NEAR ROD				FAR ROD		
1	148	742	449	5	266	816	867	5	56 M- 4 M= 52 M-0.20 mm
	150 146			4	294 238	56			
2	147	782	448	5	30	078	331	5	56 M- 4 M= 52 M=0.20 mm
	149 145			4	58 2				
	296494				294894				
					040				
	+				-0. mm				Curvature Corr.=0.40mm
					296854				
1	148	327	449	5	180	649	481	5	54 M- 4 M.= 50 M.=0.20 M.M.
	150 146			4	207 153	54			
2	144	209	445	5	111	933	412	5	54 M- 4 M= 50 M.=0.20 MM.
	146 142			4	138 84	54			
	292536				292582				
				8	- 040	mm		108	
				mm= "C"	292542			- 8	
					292536			100	CURVATURE CORR. = 0.40 M.M.
					006				
					- .006 mm= "C"				
					100/ 0.06				

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F.B. 4123 Pg. 22 JOB NO 0301.02
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY PREFUE NOTES SIEMANN 3-28-72
INDEXED G.J. GALLI DATE
T= 62°
WEATHER SUNNY INST. NO 96716
TIME 10:10 TO 10:10 ROD NO 71248
NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
1	143	833	444 5	146 141 4	176	192	427 5	203 149 54	54 M. - 4 M. = 50 M. = 0.20 MM.
2	140	992	441 5	142 138	108	711	409 5	135 81 54	54 M. - 4 M. = 50 M. = 0.20 MM.
	284	825			284	903			
						040			CURVATURE CORR. = 0.40 MM.
					284	863			
					284	825			
						038			
					- .004 MM = "C"				
					100	0.38			

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 3-29-72

INDEXED C. J. GALLI DATE APR 10 72

WEATHER Sunny & Breezy INST. NO. 96716

TIME 9:50 ROD NO. 6713A&B

NOTES CHKD DATE

T-64°

F.B. 4123 PG. 23

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			
				157				165	
1	155	292	456 5	153 4	138	366	439 5	111 54	54 M- 4 M= 50 M-0.20 mm
				164				206	
2	162	560	463 5	160 4	179	668	480 5	152 54	54 M- 4 M= 50 M=0.20 mm
	317	852		8	318	034		108	
						0.40 mm			
	+				~~-0. mm~~			~~108~~	Curvature Corr.=0.40 mm
					317	994		100	
					317	852			
					-	1.42 mm			
				mm= "C"					
						- .014		mm= "C"	
					100	1.42			

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WEATHER Sunny, Windy INST. NO. 26716
TIME 10:05 ROD NO. 1734
NOTES CHKD DATE

T-620

F.B. 4123 PG. 24
SURVEY OF L.A.Co. Precise Level Net JOB NO. 0301.02
SURVEY BY Dreier NOTES Maldonado 3-30-72
INDEXED R. J. GALLI DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
				Determination of C					
		NEAR ROD				FAR ROD			
				171				259	
1	169	839	470 5	167 4	232	470	533 5	205 54	54M-4M=50M=0.20 mm
				170				133	
2	168	747	469 5	166 4	106	223	407 5	78 54	54M-4M=50M=0.20 mm
	338	586		8	338	693		108	
						040	mm	8	
					338	653		100	Curvature Corr. = 0.40 mm
					338	586			
						067			
									− .007
									100) 0.670

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 3-31-72
INDEXED C. J. GALLI DATE APR 10 72
WEATHER Sunny & Calm
TIME 9:00
NOTES CHKD
INST. NO 96716
ROD NO 1713A&B
DATE
F.B. 4123 PG. 25

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	165	112	466 5	167 / 163 4	271	770	572 5	298 / 244 54	54 M-4 M=50 M-0.20 mm
2	150	156	451 5	152 / 148 4	43	514	344 5	70 / 16 54	54 M-4 M=50 M=0.20 mm
	315	268		8	315	284		108	
	315	244				0.40 mm		8	
	+	.024			-0. mm				Curvature Corr.=0.40 mm
					315	244		100	
					-				

+ .002 mm= "C"
100 / 0.240

mm= "C"

F.B. 4123 PG. 26 JOB NO. 0301.02 82°
SURVEY OF L.A. Co. Preciso Level Net
SURVEY BY Dreier NOTES G.E. DREIER 4-3-72
INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO 96716
TIME 10:30 ROD NO 17134
NOTES CHKD DATE

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ___ TO ___
			DETERMINATION OF C						
		NEAR ROD				FAR ROD			
1	148	178	449 5	150 146 4	212	236	513 5	239 185 54	54 m - 4 m = 50 m = 0.20 mm
2	153	723	454 5	155 151 4	89	732	390 5	116 62 54	54 m - 4 m = 50 m = 0.20 mm
				8				108	
	301	901			301	968			
								8	CURV. CORR. = 0.40 mm
						0.40 mm		100	
					301	928			
					301	901			
						0.27 mm			
					100) 0.27	0.008 = "C"			

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=82°
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 4-4-72
INDEXED C. J. GALLI DATE APR 10 72
WEATHER Windy-Clear INST. NO. 96716
TIME 9:55 ROD NO. 1713 L6
NOTES CHKD DATE
F.B. 4123 PG. 27

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	312	451 5	152 148 4	209	388	510 5	236 182 54	54M- 4 M= 50 M=0.20 mm
2	146	769	447 5	148 148 4	87	840	388 5	114 60 54	54 M- 4 M= 50 M=0.20 mm
	297	081		8	297	228		108	
					0	040		- 8	
	+				-0.	mm			Curvature Corr.=0.40 mm
					297	188		100	
					297	081			
					-	.107			

mm= "C"

- .011 mm= "C"
100 / 1.07 mm.
100
70

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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.

F.B. 4123 Pg. 28

JOB NO. 0301.02

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

SURVEY BY D. REIER NOTES SIEMANN 4-5-72

INDEXED C.J. GALLI DATE

NOTES CHKD DATE

WEATHER CLOUDY T = 82° INST. NO. 76716

TIME 10:10 TO 10:20 ROD NO. 71348

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
	NEAR ROD				FAR ROD				
1	15	2381	4535	150 4	21	6485	5775	185 54	54 M. - 4 M. = 50 M. : 0.20 MM.
2	15	1082	4525	149 4	87	0283	8855	60 54	54 M. - 4 M. = 50 M. : 0.20 MM.
	303463				303513			104	CUR. COR. = 40 MM.
					- 040			4	
					303473			100	
					303463				
					.010				
							- .001 = "C"		
					100	0.10			

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER
NOTES BY DREIER DATE 4-6-72
INDEXED C. J. GALLI DATE APR 10 72
WEATHER WINDY CLEAR
TIME
NOTES CHKD
DATE
INST. NO 96716
ROD NO 1BA8B
F.B. 4123 PG. 29

68° F.

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	161	997	462 5	163 / 159 4	212	408	513 5	241 / 183 58	58 M- 4 M= 54 M=0.20 mm
2	153	994	454 5	155 / 151 4	103	830	404 5	132 / 74 58	58 M- 4 M= M=0.20 mm
	315	991		8	316	238		116	
						040			
	+				-0.	mm		-8	Curvature Corr.=0.40 mm
					316	198		108	
					315	991			
					-	207 mm			
1	147	018	448 5	149 / 145 4	103	582	404 5	130 / 76 54	54 m - 4 m = 50 m = 0.20
2	164	269	465 5	166 / 162 4 / 8	207	850	508 5	234 / 180 54	54 m - 4 m = 50 m = 0.20
	311	287			311	432		108	CURV. CO 0.40 mm
				mm= "C"		0.40 mm		8	
					311	392		100	
					311	287			
						105			
						0.010 mm= "C"			
					100	1.05			

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

F.B. 4123 PG. 31

SURVEY BY G. E. Dreier WEATHER Sunny & Breezy INST. NO. 96716

NOTES BY Maldonado DATE 3-14-72 TIME 1:35 + 1:40 ROD NO. 1713A&B

INDEXED C. J. GALLI DATE APR 10 72 NOTES CHKD CGB DATE

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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 FROM BM 106-24A TO BM 106-24A
BM 106-24A				174				147	BM 106-24A
1	167	162	468 5	160 14	140	292	441 5	133 14	Pearblossom Hwy. & 106th St E
	140	292						14	Sge F.B. 3714-65 S.E. Cor
	+26	870						28	
									K-Siemann
BM 106-24									BM 106-24
									Pearblossom Hwy. & 106th St E
									See F.B. 2418-31 S.W. Cor.

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 106-24 TO BM 106-24A
BM 106-24					154						181		BM 106-24
1	147	418	448	5	140	14	174	255	475	5	167	14	Pearblossom Hwy. & 106th St. E
							147	418				14	See F.B. 2418-31 S.W. Cor.
							26	837				28	
BM 106-24A													BM 106-24A
													Pearblossom Hwy. & 106th St. E S.E. Cor.
													See F.B. 3714-65

F.B. 4123 PG. 32 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net 3

SURVEY BY Dreier NOTES Maldonado 4-31-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Comm INST. NO. 96716

TIME 8:55 to 9:00 ROD NO. 1713A&B

NOTES CHKD RGB DATE

T-

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 3-14-72 WEATHER Sunny & Br. INST. NO. 96716

INDEXED C. J. GALLI DATE APR 10 '72 TIME 1:45 to ROD NO. 1713 A&B

NOTES CHKD RGB DATE

F.B. 4123 PG. 33

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 106-24 TO BM 126-1
BM 106-24									BM 106-24
1	277	204	578 5	301 / 253 48	35	661	336 5	58 / 12 46	Pearblossom Hwy & 106th St. E.
2	300	220	601 5	300 1/2 / 278 1/2 44	15	773	316 5	39 1/2 / 15 1/2 48	See F.B. 2418-31 S.W. Cor.
3	301	150	602 5	301 1/2 / 278 1/2 92 / 46	22	516	323 5	44 / 0 94 / 44	K-Siemann
4	299	853	600 5	299 1/2 / 279 1/2 138 / 40	49	939	350 5	70 / 28 138 / 42	
5	293	450	594 5	293 1/2 / 270 1/2 178 / 46	32	570	333 5	54 / 10 180 / 44	
6	299	385	600 5	299 1/2 / 277 1/2 224 / 44	17	300 21	318 5	38 / 17 1/2 224 / 42	
7	283	399	584 5	283 1/2 / 261 1/2 268 / 44	40	281	341 5	62 / 18 266 / 44	
8	291	648	592 5	291 1/2 / 269 1/2 312 / 44	17	411	318 5	40 / 17 1/2 310 / 46	
9	299	172	600 5	299 1/2 / 278 1/2 356 / 42	42	871	343 5	63 / 21 356 / 42	
10	198	979	499 5	232 / 164 398 / 68	68	659	369 5	99 / 37 398 / 62	
11	247	401	548 5	261 / 233 466 / 28	53	360	354 5	70 / 36 460 / 34	
				494				494	
								494	
	3091	861			396	362		988	
	396	362							
BM 126-1	+2695	499							BM 126-1 (L.A. Co. S. Cont. System H-11 LITTLE ROCK)
									Ave "V" & ~~Edison~~ D.W.P. Tower #10-4
									See F.B. 943-5, 6

PLEASE RETURN TO

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F.B. 4123 Pg. 34 — JOB NO. 030.02 — DATE 3-30-72

SURVEY OF L.A.Co. Precise Level Net — NOTES Malabar

SURVEY BY Dreier, G.T. GALLI

INDEXED

WEATHER Sunny & Breezy — INST. NO. 96716

TIME 2:20 to 3:55 — ROD NO. 17345

NOTES CHKD KGB — DATE

T- 70°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 126-1 TO BM 106-24
B.M. 126-1								204	BM 126-1 (LITTLE ROCK H-11)
1	44 290	345	5	44½ 84	163	571	464	5 122 82	Ave. V & TOWER 10-4
				54				284	SEE 943-5, 6
2	37 280	338	5	20 34	267	841	568	5 250 34	
				118				290½ 116	T-Siemann
3	7 128	308	5	7½ 48	290	480	591	5 27½ 38	
				66 166				306 154	
4	48 160	349	5	30 36	283	000	584	5 260 46	
				62 202				300 200	
5	41 061	342	5	20 42	278	609	579	5 256 44	
				29½ 244				297½ 244	
6	7 119	308	5	7½ 44	297	421	598	5 276½ 42	
				39½ 288				300½ 286	
7	14 931	315	5	14½ 50	300	793	601	5 274½ 52	
				32½ 338				297½ 338	
8	8 805	309	5	8½ 48	297	540	598	5 276½ 42	
				20½ 386				305 340	
9	5 542	306	5	5½ 50	282	191	583	5 259 46	
				26½ 436				307 426	
10	5 753	306	5	5½ 42	283	952	586	5 263 44	
				96 478				269 470	
11	81 840	382	5	66 30	249	849	550	5 229 40	
				508				510	
								508	
	301 909				2997 247			1018	
					301 909				
					2695 338				BM 106-24
BM 106-24									Pearblossom Hwy. & 106th St. E. S.W. COR.
									See F.B. 2418-31

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-80°
SURVEY BY G.E. Dreier DATE 1-14-72 WEATHER Sunny & Windy INST. NO. 26716
NOTES BY Macdonald TIME 2:30 to 2:35 ROD NO. 77A&B
INDEXED D.J. GALLI DATE MAR 10 72 NOTES CHKD RGB DATE
F.B. 4123 Pg. 35

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 126-1 TO BM 126-2
BM 126-1				138				217	BM 126-1 (L.A.CO.S.C.S. LITTLE ROCK H-11
1	136	257	437	5 134 4	215	735	516	5 213 4	Ave. "V" & D.W.P. Tower #10-4
					136	257			See F.B. 3425-6 943-5 & 6
					-79	478			A. Siemann
								4	
BM 126-2									(LITTLE ROCK
									BM 126-2 L.A.C.S.C.S. H-11 RM #1)
								8	Ave. "V" & Edison D.W.P. Tower #10-4
									See F.B. 943-5 & 6

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.126-2 TO B.M.126-1
B.M.126-2													B.M.126-2 (LITTLEROCK H-11 R.M.1)
					220						141		AVE. V NEAR TOWER 10-4
1	218	559	519	5	216	4	139	070	440	5	137	4	SEE F.B. 943-5,6
	139	070										4	π = Siemann
	79	489										8	
B.M.126-1													B.M.126-1 (LITTLEROCK H-11)
													AVE. V NEAR TOWER 10-4
													SEE F.B. 943-5,6

F.B. 4123 PG. 36

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 3-30-72

INDEXED _____ DATE _____

WEATHER Sunny & Br. INST. NO. 96716

TIME 2:15 to 2:20 ROD NO. 1213 A B

NOTES CHKD KGB DATE

T = 70°

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 126-2 TO BM 126-3
BM 126-2				180				141	BM 126-2 (LITTLE ROCK LA.C.S.C.S. H-11 RM #1)
1	178	320	479 5	176 4	139	300	440 5	137 4	Ave "V" & ~~Edison~~ D.W.P. Tower #10-4
	139	300							See F.B 943-5 & 6
	+39	020							
									T-Siemann
								4	
BM 126-3									BM 126-3 (LITTLE ROCK LA.C.S.C.S. H-11 RM #2)
								8	Ave "V" & ~~Edison~~ D.W.P. Tower #10-4
									See F.B 943-5 & 6

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 3-14-72

INDEXED C. J. GALLI DATE APR 10 72

WEATHER Sunny & Windy

TIME 2:35 to 2:40

NOTES CHKD RGB

INST. NO. 96716

ROD NO. 96774 / 113A&B

DATE

T-80°

F.B. 4123 PG. 37

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.126-3 TO B.M.126-2
B.M.126-3													B.M.126-3 (LITTLEROCK H-11 R.M.#2)
					141						180		AVE. V NEAR TOWER 10-4
1	139	109	440	5	137	4	178	148	479	5	176	4	SEE F.B. 943-5,6
							139	109				4	π = Siemann
							39	039				8	
B.M.126-2													B.M.126-2 (LITTLEROCK H-11 R.M. 1)
													AVE. V NEAR TOWER # 10-4
													SEE F.B 943-5,6

F.B. 4123 PG. 38

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 3-30-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Br. T=90°

TIME 2:10 to 2:15

NOTES CHKD RGB

INST. NO 96716

ROD NO 1713AB

DATE

76P526B CE # 308 8/68

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM126-3 TO BM126-4
BM126-3				138					BM126-3 (L.A.C.S.C.S. H-11 RM #2) LITTLE ROCK
1	134	274	435 5	130 8	107	540	408 5	111 103 8	Ave. "V" & ~~Edison~~ D.W.P. Tower #10-4
	107	540							see F.B 943-5 & 6
	+ 26	734							K-Siemann
								8	
BM126-4								16	BM126-4 (U.S.C.&G.S. LLANO W. BASE RM #3) Ave. "V" & Edison D.W.P. Tower #10-4
									see F.B 943-209

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 3-14-72

INDEXED C. J. GALLI DATE APR 10 72

WEATHER Sunny & Windy T-80°

TIME 2:40 to 2:45

NOTES CHKD RGB DATE

INST. NO. 96716

ROD NO. 1713A&B

F.B. 4123 PG. 39

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 126-4 TO B.M. 126-3
B.M. 126-4													B.M. 126-4 (U.S.C. & G.S. LLANO
					113						140		WEST BASE R.M. #3) AVE. V.
1	109	049	410	5	105	8	135	748	436	5	130	10	NEAR TOWER 10-4
							109	049				8	SEE F.B. 943-209
												18	π = Siemann
							-26	699					
B.M. 126-3													B.M. 126-3 (LITTLEROCK H-11 R.M. #2)
													AVE. V NEAR TOWER # 10-4
													SEE F.B. 943-5,6

F.B. 4123 PG. 40

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE ~~CONTROL~~ LEVEL NET

SURVEY BY DEBIER NOTES Maldonado 3-30-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Br. INST. NO. 26716

TIME 2:05 to 2:10 ROD NO. 17BAB

NOTES CHKD RGB DATE

T = 70°

76P526B CE # 308 8/68

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM126-4 TO BM126-5
BM126-4				44				254	BM126-4 (U.S.C.&G.S. LLANO W BASE
1	18	880	319 5	18½ 52	229	899	530 5	204 50	Ave. V & ~~Edison~~ DWP Tower RM. #3)
					18	880			#10-4
					211	019		52	See F.B. 943-209
BM126-5									R. Siemann
								102	BM126-5 (U.S.C.&G.S. LITTLE ROCK
									H-11 AUX)
									Ave. V & ~~Edison~~ DWP Tower #10-4
									See F.B.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 3-14-72

INDEXED C. J. GALLI DATE APR 10 '72

WEATHER Sunny & Windy

TIME 2:45 to 2:50

NOTES CHKD RGB DATE

INST. NO. 96716

ROD NO. 1713A&B

T-80°

F.B. 4123 PG. 41

PLEASE RETURN TO

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 126-5 TO B.M. 126-4
B.M. 126-5									B.M. 126-5 (LITTLE ROCK H-11 AUX 1)
				277				67	AVE. V NEAR TOWER # 10-4
1	253	940	554 5	229 48	42	970	343 5	17 50	SEE F.B.
	42	970						48	⊼ = Siemann
	210	970						98	
B.M. 126-4									B.M. 126-4 (U.S.C. & G.S. LLANO
									WEST BASE R.M. # 3) AVE. V
									NEAR TOWER 10-4
									See F.B. 943-209

F.B. 4123 PG. 42

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R. PREIER NOTES Maldonado 3-30-27

INDEXED C. J. GALLI DATE

WEATHER Sunny & Br. INST. NO. 96716

TIME 2:00 to 2:05 ROD NO. 1713A

NOTES CHKD. RB DATE

T = 70°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 3-14-72

INDEXED C. J. GALLI DATE APR 10 72

WEATHER Sunny & Windy INST. NO. 96716

TIME 2:45 to 2:50 ROD NO. 1713 A&B

NOTES CHKD RGB DATE

F.B. 4123 PG. 43

T-80°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 126-5 TO BM 126-6
BM 126-5				120				176	BM 126-5 (L.A.C.S.C. AUX H-11 LITTLEROCK)
1	114	762	415 5	108 12	171	230	472 5	166 10	Ave "V" near DWP ~~Edison~~ Tower # 10-4
					114	762			See F.B.
					-56	468			
								12	T-Siemann
BM 126-6									BM 126-6 (L.A.C.S.C. LITTLEROCK
								22	" " H-11 Aux 1 RM # 1)
									Ave. V & ~~Edison~~ DWP Tower # 10-4
									See F.B.
B.M. 126-5			RERUN	4-4-72	TEMP = 68°		WINDY CLEAR		
1	116	723	417 5	122 110 12	173	296	474 5	178 168 10	
					116	723		12	
					-56	573		22	
B.M. 126-6									

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 126-6 TO B.M. 126-5
B.M. 126-6													B.M. 126-6 (LITTLE ROCK H-11 AUX 1
					177						119		R.M. #1) AVE. V NEAR TOWER #10-4
1	171	178	472	5	165	12	114	600	415	5	109	10	SEE F.B
	114	600										12	T = Siemann
	+56	578										22	
B.M. 126-5													B.M. 126-5 (LITTLE ROCK H-11 AUX 1)
													AVE. V NEAR TOWER # 10-4
													SEE F.B.

F.B. 4123 PG. 44 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 3-30-27

INDEXED C. J. GALLI DATE

WEATHER Sunny & Br. INST. NO 96716

TIME 1:55 to 2:00 ROD NO 1213 AB

NOTES CHKD RGB DATE

T = 70°

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

F.B. 4123 PG. 45

SURVEY BY G. E. Dreier WEATHER Sunny & Windy INST. NO. 96716

NOTES BY Maldonado DATE 3-14-72 TIME 2:50 to 2:55 ROD NO. 17B A&B

INDEXED C. J. GALLI DATE APR 10 72 NOTES CHKD. RGB 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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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
BM126-6				169				144	FROM BM126-6 TO BM126-7
	162	510	463 5	155 14	136	311	437 5	128 16	BM126-6 (~~LITTLEROCK H-11~~ #1) (2.A.C.S.C.S. AVX 1 RM 1) Ave "V" near D.W.P. & Edison Tower #10-4
	136	311						14	See F.B.
	+26	199						30	
									K-Siemann
BM126-7									BM126-7 (L.A.C.S.C.S. LITTLEROCK AVX. 1 "near D.W.P. Ave V & Tower #10-4 H-11 RM. #2)
									SEE F.B.

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						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM126-7 TO BM126-6
BM126-7					144						171		BM126-7 (LITTLE ROCK AVX. 1
1	137	688	438	5	130	14	163	924	464	5	155	16	H-11 RM. #2) Ave. V near DWP #10-4
							137	688				14	See F.B.
							26	236				30	π-Siemann
BM126-6													BM126-6 (LITTLE ROCK H-11 AVX. 1
													RM. #1) Ave. V near D.P.W. Tower #10-4
													See F.B.

T. 70°

WEATHER Sunny & Breezy INST. NO. 96716

TIME 1:50 to 1:55 ROD NO. 171342

NOTES CHKD RGB DATE

JOB NO. 0301.02

F.B. 423 PG. 46

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 3-30-72

INDEXED C. J. GALLI 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 74° F.B. 4123 Pg. 47
SURVEY BY G. E. DREIER WEATHER SUNNY
NOTES BY SIEMANN DATE 3-15-72 TIME 9:50 TO 10:35 INST. NO 96716
INDEXED BY G. J. GALLI DATE MAR 10 '72 NOTES CHKD [illegible] DATE ROD NO 1713 A&B

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 126-7 TO B.M. 126-8
B.M. 126-7									B.M. 126-7 (LITTLE ROCK H-11
1	182	952	483	5 151 62 213	211	192	512	5 180 62 242	AUX 1 R.M. #2 1965) AVE. V. & TOWER # 10-4
2	26	451	327	5 226 74 453	45	011	346	5 10 70 80	SEE F.B.
3	141	553	442	5 107 68 175 136	160	112	461	5 126 68 194 132	
4	37	087	338	5 4 66 70 204	97	386	398	5 65 64 129 200	T = MALDONADO
5	35	561	336	5 3 64 67 270	198	120	499	5 164 68 232 264	
6	124	573	425	5 94 60 154 334	244	622	545	5 214 60 274 332	
7	36	637	337	5 4 64 68 394	289	783	590	5 258 62 289 392	
8	52	457	353	5 26 52 78 458	255	612	556	5 227 56 283 454	
9	23	862	324	5 123 63 186 510	209	632	510	5 178 63 240 510	
10	112	561	413	5 81 62 143 572	236	671	537	5 205 62 267 572	
11	78	174	379	5 46 64 110 634	244	344	545	5 211 66 277 634	
				698				700	698 B.M. 126-8 (LLANO BASE CH. PT. 1
B.M. 126-8	851	868			219	485			1398 AUX 1) AVE. V. & 116TH ST. E.
					851	868			SEE F.B. 3425-7
				-	340	617			

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. 4123 PG. 48 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 3-30-72

INDEXED C.T. GALLI DATE

WEATHER SUNNY, WIND INST. NO. 96716

TIME 1:10 TO 1:50 ROD NO. 71548

NOTES CHKD RTB DATE

T = 70°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 126-8 TO B.M. 126-7
B.M. 126-8									B.M. 126-8 (LLANO BASE CH. PT. 1 AUX 1) AVE. V W. OF 116TH ST. E.
1	247 557	548 5		278 216 62	76 615	377 5		108 44 64	SEE F.B. 3425-7
2	231 831	532 5		261 201 60	116 491	417 5		146 86 60	
3	208 700	509 5		239 177 62	23 150	324 5		55 23 64	124
4	267 192	568 5		298 236 62	37 926	338 5		68 6 62	188
5	283 241	584 5		283 252 62	79 270	380 5		109 49 60	250
6	254 418	555 5		283 225 58	161 441	462 5		190 132 58	308 310 T = MALDONADO
7	251 607	552 5		282 220 62	49 481	350 5		80 18 62	366 368
8	100 532	401 5		130 70 60	48 186	349 5		78 18 60	428 430
9	161 108	462 5		192 130 62	51 430	352 5		82 20 62	488 490
10	128 352	429 5		160 96 64	230 517	531 5		162 198 64	552
11	293 721	594 5		293 265 56	117 822	418 5		145 89 56	614 616
12	184 891	485 5		208 160 48	280 666	581 5		280 256 48	670 672
				718				720	
B.M. 126-7								718	B.M. 126-7 (LITTLE ROCK H-11
	2613350				272995			1438	AUX 1 RM. 2) AVE. V & TOWER 10-4
	1272995								SEE F.B.
	+1340355								

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

F.B. 4123 PG. 49

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

NOTES BY SIEMANN DATE 3-15-72 TIME 10:40 TO 10:45 ROD NO. 1713AB

INDEXED C. J. GALLI DATE APR 10 72 NOTES CHKD RGB DATE

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 126-8 TO B.M. 126-9
B.M. 126-8									B.M. 126-8 (LLANO BASE CH. PT. 1
1	182	113	483 5	184 180 4	139	638	440 5	141 137 4	AUX. 1) AVE. V. & 116TH ST. E.
									SEE 3425-7
	139	638							~~π = MALDONADO~~
B.M. 126-9								4	B.M. 126-9 (LLANO BASE CH. PT. 1
	+ 42	475						8	AUX. 1. R.M. #1 AVE. V. & 116TH ST. E.
									SEE F.B. 3425-7

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.126-9 TO B.M.126-8
B.M.126-9									B.M. 126-9 (LLANO BASE CH.PT.#1
									AUX 1 R.M.#1 AVE. V. W. OF 116TH ST. E.
1	137	621	438 5	139 135 4	180	102	481 5	182 178 4	SEE F.B. 3425-7
									~~T = MALDONADO~~
					137	621			
B.M. 126-8								4	B.M.126-8 (LLANO BASE CH.PT. 1
				-	42	481		8	AUX 1) AVE. V W. OF 116TH ST. E.
									SEE 3425-7

F.B. 4123 PG. 50 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 3-30-72

INDEXED C. J. GALLI DATE

T=64°

WEATHER SUNNY, WINDY INST. NO. 96716

TIME 11:57 TO 12:00 ROD NO. 1713AD

NOTES CHKD PTB 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 126-9 TO B.M. 126-10
B.M. 126-9									B.M. 126-9 (LLANO BASE CH. PT. 1
									AUX 1 R.M. #1 AVE. V. & 1 ST. E.
1	145	770	446 5	149 141 8	103	147	404 5	107 99 8	SEE FB 3425-7
									~~π = MALDONADO~~
	103	147							
B.M. 126-10								8	B.M. 126-10 (LLANO BASE CH. PT. 1
+	42	623						16	AUX. 1 R.M. #2 AVE. V & 116 ST. E.
									SEE FB 3425-7

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

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

NOTES BY SIEMANN DATE 3-15-72 TIME 10:45 TO 10:50 ROD NO 1713AB

INDEXED C. J. GALLI DATE 10 72 NOTES CHKD RGB DATE

F.B. 4123 PG. 51

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4123 Pg. 52 JOB NO. 0301.02

SURVEY OF L.A. COPRECISE LEVEL NET

SURVEY BY DEIER NOTES SIEMANN 3-30-72

INDEXED C. J. GALLI DATE

WEATHER SUNNY, WINDY INST. NO. 9671

TIME 11:55-12:57 ROD NO. 21348

NOTES CHKD RGB DATE

T = 64°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 126-10 TO B.M. 126-9
B.M. 126-10									B.M. 126-10 (LAND BASE CH. PT.)
									AUX. 1 R.M. #2) AVE. V. W. OF 116TH ST. E.
1	104	078	405	5 108 / 100 8	146	698	447	5 150 / 142 8	SEE F.B. 3425-7
									T = MACDONALDO
					104	078			
B.M. 126-9								8	B.M. 126-9 (LAND BASE CH. PT.)
					- 42	620 /		16	AUX. 1 R.M. 1) AVE. V. W. OF 116TH ST. E.
									SEE F.B. 3425-7

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 126-10 TO B.M. 126-11
B.M. 126-10									B.M. 126-10 (LLANO BASE CH. PT. 1
									AUX 1 R.M. 2) AVE. V. & 1 ST. E.
1	11	509	312 5	1 37 11 44	192	131	493 5	213 171 42	SEE F.B. 3425-7
									~~π = NALOONADO~~
					11	509			
B.M. 126-11								44	B.M. 126-11 (J-14A - LITTLEROCK)
				-	180	622		86	AVE. V. & 1 of W. 116 ST. E.
									SEE F.B. 3425-41

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

SURVEY BY G.E. DREIER WEATHER SUNNY, WIND INST. NO. 76716

NOTES BY SIEMANN DATE 3-15-72 TIME 10:50 TO 10:50 ROD NO. 1713AB

INDEXED C. J. GALLI DATE APR 10 72 NOTES CHKD RGB DATE

F.B. 4123 PG. 53

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. 126-11 TO B.M. 126-10
B.M. 126-11									B.M. 126-11 (LITTLE ROCK J-14 H)
									AVE. V & 116TH ST. E.
1	193	390	494 5	215 171 44	12	798	313 5	1 34 212 44	SEE F.B. 3425-41
	12	798						44	~~π = MALDONADO~~
B.M. 126-10								88	B.M. 126-10 (LLANO BASE CH. PT. 1
+	180	592							AUX 1. R.M. #2) AVE. V. W. OF 116TH ST. E.
									SEE F.B. 3425-7

T = 64°

WEATHER SUNNY, WINDY INST. NO. 96716

TIME 11:50 TO 11:55 ROD NO. 171 AA

NOTES CHKD RHB DATE

F.B. 4123 PG. 54 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NE

SURVEY BY DREIER NOTES SIEMANN 3-30-72

INDEXED C. 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET TE 76° F.B. 4123 Pg. 55
SURVEY BY G.E. DREIER WEATHER SUNNY, WARM INST. NO 26716
NOTES BY SIEMANN DATE 3-15-72 TIME 10:50 TO 10:55 ROD NO 21340
INDEXED E. J. GALLI DATE APR 10 72 NOTES CHKD [illegible] DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 126-11 TO B.M. 126-12
B.M. 126-11									B.M. 126-11 (LITTLEROCK J-14 A)
									AVE. V. & 116 ST. E.
1	144	858	445	5 148 / 140 8	202	917	503	5 206 / 198 8	SEE F.B. 3425-41
									T = MALDONADO
					144	858			
B.M. 126-12									8 B.M. 126-12 (LLANO BASE CH. PT.)
				-	58	059	/		16 AVE. V. & 116TH ST. E.
									SEE F.B. 3425 943-72

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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. 4123 PG. 50

SURVEY OF L.A.Co. PRECISE LEVELNET JOB NO. 0301.02

SURVEY BY C. J. GALL NOTES SIEMANN 3-30-72 DATE

INDEXED DATE

WEATHER SUNNY/WIND INST. NO. 86716

TIME 11:45 TO 12:50 ROD NO. 17384

NOTES CHKD RGB DATE

T= 64°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 126-12 TO B.M. 126-11
B.M. 126-12									B.M. 126-12 (LLANO BASE CH. PT. 1)
1	211	737	512 5	213 207 8	153	667	454 5	151 149 8	N. ENT. TO D.W.P. PUMPING PLANT & 116TH ST. E. SEE F.B. 943-72
	153	667						B	A = MACDONADO
B.M. 126-11									B.M. 126-11 (LITTLEROCK J-14A)
	~~365404~~							16	116TH ST. E. & AVE. V.
	+ 58070'								SEE F.B. 3425-41

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — F.B. 4123 Pg. 57

SURVEY BY G.E. DREIER — WEATHER SUNNY, WIND — INST. NO 26716

NOTES BY SIEMANN — DATE 3-15-72 — TIME 11:00 TO — ROD NO 12348

INDEXED G.J. GALLI — DATE APR 10 72 — NOTES CHKD RGB — DATE

TE 78°

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM B.M. 126-12 TO B.M. 106-27
B.M. 126-12											B.M. 126-12 (LLANO BASE CH. PT. 1)
1	2 97	872	598	5	297 285 24	68	753	369	5	80 56 24	AVE. V & 116TH ST. E.
											SEE F.B. 943-72
2	274	582	575	5	294 254 40	71	066	372	5	92 50 42	
					64					66	
3	261	194	562	5	288 234 54	44	231	345	5	70 18 52	T = MALDONADO
					118					118	
4	177	141	478	5	184 170 14	65	281	366	5	73 57 16	
					132					134	
B.M. 106-27										132	B.M. 106-27
	1010789					249	331			266	116TH ST. E. & S. ENT. TO D.W.R. PLANT PUMPING
	249331										SEE F.B. 2418-34
	+ 761458										

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. 4123 Pg. 58

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

SURVEY BY DEELEY NOTES SIEMANN 3-30-72 DATE

INDEXED E. J. GALLI DATE

NOTES CHKD ROB DATE

WEATHER SUNNY, WINDY INST. NO. 96716

TIME 11:30 TO 4:45 ROD NO. 4713 AB

T= 64°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	
B.M.106-27									FROM B.M. 106-27 TO B.M. 126-12
1	6279	3075		29 6 46	2562	6155	75	280 232 48	B.M. 106-27 (U.S.C.&G.S. J-306)
									116TH ST. E. & D.W.&P. PUMPING PLANT
2	4046	2341	5	69 11 58	2877	9058	85	287 262 50	SEE F.B. 2418-34
				46 104					
3	3447	3355		22 24	2987	0859	53	298 283 30	T = MALDONADO
				126				98 128	
B.M.126-12								128	B.M. 126-12 (LLANO BASE CH. PT. 1)
	81214				842759			256	AVE. V. & 116TH ST. E.
					81214				SEE F.B. 943-72
					- 761545				

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= 78° F.B. 4123 Pg. 59
SURVEY BY G.E. DREER WEATHER SUNNY, WIND INST. NO 86716
NOTES BY SIEMANN DATE 3-15-72 TIME 11:10 TO 11:20 ROD NO 17348
INDEXED C. J. GALLI DATE APR 10 72 NOTES CHKD RGB DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.106-27 TO B.M.126-13
B.M.106-27									B.M.106-27 (U.S.C. & G.S. J-306)
1	260	850	561	5 286 234 52	1	1462	312	5 38 11 54	116TH ST. E. & D.W.R. PUMPING PLANT.
									SEE E.B. 2418-34
2	293	868	594	5 293 269 48	53	612	354	5 76 30 46	~~T = MALDONADO~~
				100				100	
B.M.126-13								100	B.M.126-13 (LITTLE ROCK J-14 B)
	554	718			65	074		200	116TH ST. E. & D.W.R. PUMPING PLANT.
	65	074							SEE 3425-43
	489	644							

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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.

F.B. 4123 Pg. 60 JOB NO 03301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY PREIER NOTES SIEMANN 3-30-72

INDEXED C.J. GALLI DATE

WEATHER SUNNY, WINDY INST. NO 9676

TIME 11:15 TO 11:45 ROD NO 1348

NOTES CHKD RGB DATE

T = 64°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 126-13 TO B.M. 106-27
B.M. 126-13									B.M. 126-13 (LITTLE ROCK J-14 B)
1	27868	3285		57 27 60	297200	5985		297 271 52	116TH ST. E. & D.W.R. PUMPING PLANT.
									SEE F.B. 3425-43
2	35077	3365		33 15 40	255381	5565		229 231 48	T = MALDONADO
				100 ✓				100 ✓	
B.M. 106-27								102	B.M. 106-27 (U.S.C.&G.S. J-306)
	62945 ✓				532581 ✓			200	116TH ST. & D.W.P. PUMPING PLANT.
					62945				SEE F.B. ~~3425~~ 2418-34
					- 489636 ✓				

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 B.M. 126-13 TO B.M. 126-14
B.M. 126-13									B.M. 126-13 (LITTLE ROCK J-14 B)
1	274	602	575 5	1274 246 56	135	146	436 5	164 106 58	116TH ST. E. & D.W.R. PUMPING PLANT
									SEE F.B. 3425-43
2	205	405	506 5	238 172 66	185	192	486 5	217 151 68	
				122				126	
3	62	041	363 5	79 45 34	244	622	545 5	262 226 36	
				156				162	π = MALDONADO
4	16	984	317 5	40 ½ 16 48	297	605	598 5	297 ½ 273 48	
				204				210	
5	25	129	326 5	49 1 48	287	898	588 5	287 ½ 264 46	
				252				256	
6	105	020	406 5	118 92 26	219	068	520 5	230 208 22	
				278				278	
B.M. 126-14								278	B.M. 126-14 (LITTLE ROCK J-14 C)
	689	181			1369	531		556	ON DYKE E. OF D.W.R. PUMPING PLANT
					689	181			SEE F.B. 3425-45
					680	350			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 78°

SURVEY BY G.E. DREIER WEATHER SUNNY, WIND INST. NO 96716

NOTES BY SIEMANN DATE 3-15-72 TIME 11:25 TO 12:00 ROD NO 1713AB

INDEXED C.J. GALLI DATE APR 10 72 NOTES CHKD RGB DATE

F.B. 4123 PG. 61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4423 Pg. 62 JOB NO. 0301.02

SURVEY OF L.A. COUNTY LEVEL NET

SURVEY BY DEER NOTES SIEMANN 3-30-72

INDEXED C.J. GALLI DATE

WEATHER SUNNY, WIND V INST. NO. 76716

TIME 10:45 TO 11:10 ROD NO. 7348

NOTES CHKD RGB DATE

T = 62°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM. 126-14 TO BM. 126-13
BM. 126-14									BM. 126-14 (LITTLEROCK J-14 C)
1	259	479	560	5 284 234 50	15	595	316	5 40 15 50	ON DYKE E. OF D.W.P. PUMPING
2	279	963	5805	302 254 48 98	18	885	319	5 39 18 42	PLANT. SEE F.B. 3425-45
3	259	452	560	5 276 242 34 192	24	102	325	5 45 3 42 92	
4	286	841	587	5 286 264 44 176	135	397	436	5 134 113 44 178	T = MALDONADO
5	97	259	398	5 126 68 58 234	178	007	479	5 203 153 50 228	
6	99	431	400	5 120 78 42 276	230	167	531	5 252 208 44 272	
BM. 126-13									276 BM. 126-13 (LITTLEROCK J-14 B)
	1282425				602	153			548 16TH W. OF D.W.P. PUMPING
	602153								PLANT. SEE F.B. 3425-43
	+ 680272								

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 BM126-14 TO BM126-15
BM126-14									BM 126-14 (LITTLE ROCK
1	57	465	358 5	94 1/2 57 2 74	296	586	597 5	296 1/2 260 2 72	J-14C
2	20	089	321 5	46 20 1/2 52	296	143	597 5	296 1/2 270 2 52	On Dyke E. of D.W.R Pumping Plant.
3	10	870	311 5	35 1/2 10 2 126 50	290	440	591 5	290 1/2 265 2 124 50	See F.B. 3425-45
4	42	219	343 5	66 18 176 48	210	000	511 5	232 188 174 44	T-Siemann
				224				218	
								224	
	130	643			1093	169		442	BM126-15 (LITTLE ROCK J 14D LLANO BASE)
BM 126-15					130	643			Ave. "V" & ~~Edison~~ D.W.R. Tower # 196-6
					962	526			See F.B. 3425-47

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 3-15-72

INDEXED C. J. GALLI DATE APR 10 72

WEATHER Sunny & windy

TIME 1:15 to 1:35

NOTES CHKD RGB

INST. NO. 96716

ROD NO. 1713A&B

DATE

T-82°

F.B. 4123 PG. 63

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4123 PG. 64 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Malden adj 3-30-72

INDEXED C. J. GALLI DATE

WEATHER Sunny/Windy DIST. NO. 96716

TIME 10:10 to 10:25 ROD NO. 71346

NOTES CHKD RGB DATE

T-62°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 126-15 TO BM 126-14
BM 126-15				283-1				50	BM 126-15 (LLANO BASE LITTLE ROCK
1	283	896	584 5	246½ 74	14	790	315 5	14½ 72	Ave. "V" near DWP Tower J-14D)
				288-1				60	#196-6
2	288	289	589 5	265½ 46	38	169	339 5	16 44	See F.B. 3425-47
				296-1				76 116	
3	296	008	597 5	273½ 46	53	117	354 5	30 46	T. Siemann
				303 166				104 162	
4	270	402	571 5	237 66	70	125	371 5	36 68	
				232				230	
								232	
	1385959				176201			462	BM 126-14 (LLANO BASE
	176201								LITTLE ROCK J-14C)
BM 126-14	1962394								Ave. V ~~near~~ on Dyke East of
									D.W.P. Pumping Plant.
									See F.B. 3425-45

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 BM126-15 TO BM126-16
BM 126-15									BM126-15 (LITTLE ROCK J-14D
1	65	139	366 5	86 44 42	270	290	571 5	292 248 44	LLANO BASE)
									Ave. V & ~~Edison~~ D.W.P. Tower # 196-6
2	59	000	360 5	96 22 74	232	293	533 5	270 194 76	See F.B. 3425-47
				98 116				275 120	
3	40	029	341 5	2 76	275	466	576 5	237½ 76	T-Siemann
				64 192				273 196	
4	29	550	330 5	29½ 70	273	950	574 5	238½ 70	
				56½ 262				262 266	
5	22	142	323 5	22½ 68	228	218	529 5	194 68	
6	130	228	431 5	168 330 92 76	143	818	444 5	181 334 105 76	
				287 406				146 410	
7	248	730	549 5	209 78	108	983	409 5	70 76	
				293 484				169 486	
8	249	110	550 5	205 88	127	195	428 5	85 84	
				572				570	
								572	
	843	928			1660	213		1142	BM 126-16 (LLANO BASE Ch. Pt. #2)
					843	928			Ave. V & D.W.P. Tower # 196-2
BM126-16									~~Tower~~ See F.B. 3425-9
					816	285			

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 3-15-72

INDEXED C. J. GALLI DATE APR 10 '72

WEATHER Sunny & Breezy

TIME 1:35 to 2:25

NOTES CHKD RGB

INST. NO. 96716

ROD NO. 1713A&B

DATE

T-82°

F.B. 4123 Pg. 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.

F.B. 4123 Pg. 66 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 3-29-72 DATE

INDEXED C.J. GALLI DATE

WEATHER Sunny & Breezy INST. NO 96716

TIME 2:15 to 4:00 ROD NO 12134 & 8

NOTES CHKD KGD DATE

T-68°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 126-16 TO BM 126-15
BM 126-16				176				263	BM 126-16 (LLANO BASE Ch. Pf #2)
1	140	921	441 5	104 72	227	713	528 5	191 72	Ave V, near D.W.P Tower #196-2
				138				260	See F.B. 3425-9
2	104	928	405 5	70 68	227	851	528 5	194 66	
				118 140				184 138	
3	84	020	385 5	50 68	150	300	451 5	116 68	π-Sicomatic
				227 208				128 206	
4	192	630	493 5	157 70	94	220	395 5	60 68	
				2821 278				274	
5	28X 2	119	583 5	248 2 68	32	601	333 5	66 2 68	
				2821 346				104 342	
6	282	520	583 5	252 2 60	74	112	375 5	44 60	
7	~~259~~	~~077~~ 618	~~560~~ 580 5	290 228 285 406 62	~~92~~	~~381~~	~~393~~ 5	125 402 59 66	
8	251		552 5	217 68	29	128	330 5	63 468 29 2 68	
				231 536				82 536	
9	212	041	513 5	193 38	64	621	365 5	46 36	
				574				572	
								574	LLANO BASE
BM 126-15	1809774				992927			1146	BM 126-15 (LITTLE ROCK J-14 D)
	992927								Ave V, near D.W.P Tower #196-6
	816847								See F.B. 3425-47

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-70°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 3-31-72 WEATHER Sunny & Calm INST. NO. 96716
INDEXED C. J. GALLI DATE APR 10 72 TIME 9:30 to 10:15 ROD NO. 1713A&B
NOTES CHKD RGB DATE
F.B. 4123 PG. 67

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	Re-Run FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM126-15 TO BM126-16
BM126-15									BM126-15 (LLANO BASE LITTLE
1	33	180	334 5	58 1/2 33 2 50	255	790	556 5	281 229 52	ROCK J-14D)
									Ave. "V" & D.W.P. Tower #196-6
2	76	650	377 5	107 45 62	233	205	534 5	265 201 64	See F.B. 3425-47
3	76	109	377 5	107 45 112 62	260	518	561 5	291 229 116 62	
4	57	130	358 5	92 22 174 70	293	337	594 5	293 258 178 70	T-Siemann
	17	152	318 5	53 ~~293~~ 1 244					
5	~~293~~	~~337~~	~~594 5~~	~~358~~ 2 ~~76~~ 72	258	494	559 5	294 222 248 72	Re-Run
				17 ~~157~~ 314 6					
6	116	321 ~~451~~	417 5	152 80 72	200	645	501 5	235 165 320 70	
7	230	069	531 5	265 195 388 70	78	432	379 5	113 43 390 70	
8	~~195~~	~~310~~	~~496 5~~	~~224 166 458 58~~	~~94~~	~~949~~	~~395 5~~	~~124 64 460 60~~	
9	199	789	500 5	228 170 516 58	143	171	444 5	170 116 520 54	
~~10~~				574				574 574	
	1001	710			1818	541		1148	
					1001	710			
				—	817 6	831			
BM126-16									BM126-16 (LLANO BASE Ch. Pt. #2)
									Ave. "V" & D.W.P. Tower #196-2
									See F.B. 3425-9

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 126-16 TO BM 126-17
BM 126-16				224				153	BM 126-16 (LLANO BASE Ch Pt #2,
1	221	759	522	5 218 6	149	488	450	5 145 8	Ave "V" & D.W.P. Tower #196-2
	149	488						6	See FB 3425-9,10
	+72	271						14	T-Sierra
BM 126-17									126-17 (LLANO BASE Ch Pt #2 RM #1
									Ave. "V" & D.W.P. Tower #196-2
									See FB 3425-9,10

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-82'
F.B. 4123 Pg. 69
SURVEY BY G.E. Dreier DATE 3-15-72 WEATHER Sunny & windy INST. NO. 26716
NOTES BY Maldonado TIME 2:25 to 2:30 ROD NO. 173 A&B
INDEXED C.J. GALLI DATE APR 10 72 NOTES CHKD KGB DATE

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
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM126-17 TO BM126-16
BM126-17					164						235		BM126-17 (LLANO BASE Ch. Pt. #2
1	161	085	462	5	158	6	233	342	534	5	231	4	Ave. "V" & D.W.P. Tower RM #1)
							161	085				6	#196-2
							72	257				10	See F.B. 3425-9, 10
													π-Siemann
BM126-16													BM126-16 (LLANO BASE Ch. Pt. #2)
													Ave. "V" & D.W.P. Tower #196-2
													See F.B. 3425-9, 10

F.B. 4123 PG. 70 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 3-29-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Br INST. NO. 96716

TIME 2:15 to 2:20 ROD NO. 1713A

NOTES CHKD RHB DATE

T-68°

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-82° F.B. 4123 Pg. 71

SURVEY BY G.E. Dreier WEATHER Sunny & Windy INST. NO. 96716

NOTES BY Maldonado DATE 3-15-72 TIME 2:30 to 2:55 ROD NO. 72848

INDEXED G. J. GALLI DATE MAR 10 '72 NOTES CHKD RGB DATE

STATION	BACKSIGHT								FORESIGHT								DESCRIPTION AND REMARKS
	RIGHT		MIC.		LEFT.		STADIA		RIGHT		MIC.		LEFT.		STADIA		FROM BM 126-17 TO BM 126-18
BM 126-17							132								112		126-17 (LLANO BASE Ch. RM #2 RM #1
1	128		358		429	5	124	8	108		451		409	5	104	8	Ave. "V" & D.W.P. Tower
	108		451													8	#196-2
																16	See FB 3425-9 K-Siemann
	+19		907														
																	BM 126-18 (LLANO BASE CH. PL 2
BM 126-18																	Ave. "V" & D.W.P. Tower RM #2)
																	#196-2
																	See F.B. 3425-9, 10

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 BM126-18 TO BM126-17
BM126-18				112				132	BM126-18 (LLANO BASE Ch.Pt.#2 RM#2)
1	108	089	409 5	104 8	128	000	429 5	124 8	Ave "V" & D.W.P. Tower # 196-2
					108	089		8	See F.B. 3425-9, 10
					19911			16	T. Siemann
BM126-17									BM126-17 (LLANO BASE Ch.Pt.#2
									Ave "V" & D.W.P. Tower RM#1)
									# 196-2
									See F.B. 3425-9

F.B. A123 PG. 72 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 3-29-72

INDEXED R. J. GALLO DATE

WEATHER Sunny & Breezy INST. NO. 96716

TIME 2:10 to 2:15 ROD NO. 1713A63

NOTES CHKD RGB DATE

T-68°

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= 80°
SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO 26716
NOTES BY SIEMANN DATE 3-16-72 TIME 10:15 TO 11:00 ROD NO 713AR
INDEXED E.J. GALLO DATE MAR 10 72 NOTES CHKD RGB DATE
F.B. 4123 Pg. 73

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 126-18 TO B.M. 126-19
B.M. 126-18									B.M. 126-18 (LLANO BASE CH. PT. 2 R.M. #2) TOWER # 196-2
									SEE F.B. 3425-9, 10
1	202 179	503	5	231 173 58	78 079	379	5	107 49 58	
2	200 631	501	5	232 168 64 122	73 927	374	5	106 40 66 124	
3	220 801	521	5	209 191 58 180	98 641	399	5	126 70 56 180	
4	226 804	527	5	259 193 66 240	127 921	428	5	159 95 64 244	
5	267 790	568	5	299 235 64 310	77 810	378	5	109 45 64 308	T = MALDONADO
6	171 326	472	5	204 138 66 376	98 269	399	5	130 66 64 372	
7	247 417	548	5	281 213 68 444	133 762	434	5	167 99 68 440	
8	208 287	509	5	242 174 68 512	48 917	349	5	80 16 64 504	
9	209 209	510	5	241 177 64 576	127 501	428	5	163 91 72 576	
10	245 335	546	5	279 211 68 644	93 578	394	5	127 59 68 644	
11	188 629	489	5	222 154 68 712	124 366	425	5	156 92 64 708	
12	197 048	498	5	206 188 18 730	170 537	471	5	181 159 22 730	
B.M. 126-19								730	B.M. 126-19 (LLANO BASE CH. PT. 3)
	258 5456				253 308			1460	NEAR TOWER 195-3
	253 308								SEE F.B. 3425-11, 12
	+ 1332 148								

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 126-19 TO B.M. 126-18
B.M. 126-19									B.M. 126-19 (LLANO BASE CH. PT. 3)
1	130	388	431 5	160 / 100 60	184	050	485 5	212 / 156 56	NEAR TOWER 195-3
									SEE 3425-11,12
2	114	768	415 5	143 / 85 58	197	073	498 5	226 / 168 58	
3	65	350	366 5	95 / 35 118 / 60 / 178	137	166	438 5	166 / 108 114 / 58 / 172	
4	48	471	349 5	78 / 18 60	182	171	483 5	211 / 153 58	
5	67	817	368 5	96 / 38 238 / 58 / 296	196	837	497 5	228 / 164 230 / 64 / 294	
6	116	260	417 5	146 / 86 60	252	567	553 5	282 / 222 60	π = MALDONADO
7	129	550	430 5	156 / 102 356 / 54 / 410	189	599	490 5	216 / 162 354 / 54 / 408	
8	147	752	448 5	154 / 140 14	131	411	432 5	138 / 124 14	T 195-6
9	86	389	387 5	110 / 62 424 / 48 / 472	217	430	518 5	242 / 192 422 / 50 / 472	
10	100	699	401 5	129 / 71 58	217	760	518 5	245 / 189 56	
11	84	462	385 5	112 / 56 530 / 56 / 586	211	328	512 5	240 / 182 528 / 58 / 586	
12	80	248	381 5	108 / 52 56	204	631	505 5	230 / 178 52	
13	93	426	394 5	122 / 64 642 / 58 / 700	202	075	503 5	230 / 174 638 / 56 / 694	
14	85	778	386 5	101 / 69 32	160	141	461 5	179 / 141 38	
				732				732	
B.M. 126-18								732	B.M. 126-18 (LLANO BASE CH. PT. 2
	1351	358			2684	239		1464	R.M. 2) NEAR TOWER 196-2
					1351	358			SEE F.B. 3425-9,10
				-1	1332	881			

F.B. 4123 PG. 74

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 3-28-72

INDEXED R.J. GALLI DATE

T = 76°

WEATHER SUNNY INST. NO. 96716

TIME 2:10 TO 2:40 ROD NO. 1763AB

NOTES CHKD. RGB 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 T= 70°

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

NOTES BY SIEMANN DATE 3-31-72 TIME 10:30 TO ROD NO. 1713AB

INDEXED C. J. GALLI DATE APR 10 72 NOTES CHKD RGB DATE

F.B. 4123 PG. 75

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RERUN RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 126-18 TO B.M. 126-19
B.M. 126-18	776 9				656 39				B.M. 126-18 (LLANO BASE CH. PT. 2
1	199	572	500 5	227 171 56	73	013	374 5	100 46 54	R.M. 2) TOWER 196-2
									SEE F.B. 3425-9,10
2	186	292	487 5	219 153 66	67	328	368 5	101 33 68	
				122				122	
3	229	587	530 5	261 197 64	93	111	394 5	124 62 62	⊼ J. MALDONADO
				186				184	
4	218	141	519 5	248 188 60	121	801	422 5	150 92 58	
				246				242	
5	258	271	559 5	288 228 60	90	931	391 5	120 60 60	RERUN
				306				302	
6	172	750	473 5	202 142 60	56	161	357 5	86 26 60	
				366				362	
7	167	472	468 5	197 137 60	57	862	358 5	92 22 70	
				426				432	
8	173	672	474 5	204 142 62	79	713	380 5	104 54 50	
				488				482	
9	197	175	498 5	224 170 54	115	927	416 5	140 90 50	
				542				532	
10	235	662	536 5	262 208 54	132	232	433 5	164 100 64	
				596				596	
11	207	770	508 5	234 180 54	103	247	404 5	130 76 54	
				650				650	
12	180	672	481 5	204 156 48	110	711	411 5	133 87 46	
				698				696	
13	162	476	463 5	178 146 32	155	007	456 5	172 138 34	
				730				730	
								730	
BM. 126-19	2589	572			1257	044		1460	B.M. 126-19 (LLANO BASE CH. PT. #3)
	1257	044							NEAR TOWER 195-3
	+1332	468							SEE F.B. 3425-11,12

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. 126-19 TO BM. 126-18
B.M. 126-19									B.M. 126-19 (LLANO BASE CH. PT. #3)
1.	140	622	441 5	177 / 103 74	202	523	503 5	239 / 165 74	NEAR TOWER 195-3
2.	82	192	383 5	112 / 52 60 / 134	204	102	505 5	235 / 173 62 / 136	SEE F.B. 3425-11, 12
3.	122	799	423 5	152 / 92 60 / 194	219	859	520 5	248 / 190 58 / 194	
4	110	457	411 5	140 / 80 60 / 254	257	817	558 5	287 / 227 60 / 254	⊼ J. MALDONADO
5	100	670	401 5	136 / 64 72 / 326	178	263	479 5	213 / 143 70 / 324	
6	56	709	357 5	86 / 26 60 / 386	191	209	492 5	221 / 161 60 / 384	RERUN
7.	124	098	425 5	154 / 94 60 / 446	191	858	492 5	220 / 162 58 / 442	
8.	68	597	369 5	98 / 38 60 / 506	204	663	505 5	235 / 173 62 / 504	
9.	88	879	389 5	118 / 58 60 / 566	198	889	499 5	227 / 161 66 / 570	T.P. TOWER 196-1
10.	91	437	392 5	112 / 70 42 / 608	193	599	494 5	214 / 172 42 / 612	
11	68	943	369 5	99 / 37 62 / 670	213	889	514 5	240 / 186 54 / 666	
12	91	697	392 5	126 / 56 70 / 740	223	400	524 5	260 / 186 74 / 740 / 740	
BM. 126-18	1147	094			2480	071		1480	BM. 126-18 (LLANO BASE CH. PT. #2)
					1147	094			NEAR TOWER 196-2
					1332	977			SEE F.B. 3425-9, 10

F.B. 4123 PG. 76 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DRELER NOTES T. OHASHI 4-3-72

INDEXED C. J. GALLI DATE

WEATHER SUN-HAZE INST. NO. 96716

TIME 2:00 - ROD NO. 1713A

NOTES CHKD RGB 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=82°

SURVEY BY G.E. DREIER WEATHER SUNNY, WIND INST. NO. 96716

NOTES BY SIEMANN DATE APRIL 4, 1972 TIME 10:35 TO 11:20 ROD NO. 1713AB

INDEXED C. J. GALLI DATE APR 10 72 NOTES CHKD ROB DATE

F.B. 4123 PG. 77

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 126-18 TO B.M. 126-19
B.M. 126-18									B.M. 126-18 (LLANO BASE CH. PT. 2 R.M. 2)
1	222	988	523 5	258 / 186 72	94	072	395 5	127 / 61 66	NEAR TOWER 196-2
									SEE F.B. 3425-9,10
2	218	089	519 5	247 / 189 58	79	630	380 5	108 / 50 58	
3	213	199	514 5	243 / 183 130 / 60 / 190	88	889	389 5	119 / 57 124 / 62 / 186	
4	213	962	514 5	244 / 182 62	118	139	419 5	149 / 87 62	
5	260	523	561 5	291 / 229 252 / 62	85	687	385 5	117 / 53 248 / 64	
6	167	382	468 5	197 / 137 314 / 60	79	129	380 5	109 / 49 312 / 60	T = MALDONADO
7	216	220	517 5	246 / 186 374 / 60	97	428	398 5	127 / 67 372 / 60	2nd RERUN
8	179	518	480 5	210 / 148 434 / 62	85	872	386 5	114 / 56 432 / 58	
9	192	618	493 5	222 / 162 496 / 60	46	993	347 5	76 / 16 490 / 60	
10	127 / 46	241 / 993	428 5 / 347 5	156 / 98 556 / 58	55	912	356 5	83 / 27 550 / 56	
11	198	058	499 5	228 / 168 614 / 60	99	884	400 5	133 / 65 606 / 68	
	2209	198		209 / 151 674 / 58	931	635		155 / 97 674 / 58	
12	180	648	481 5	732	126	448	427 5	732	
B.M. 126-19								732	B.M. 126-19 (LLANO BASE CH. PT. 3)
	2390	346			1058	083		1464	NEAR TOWER 1
	1058	083							SEE F.B. 3425-11,12
	+1332	263							

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. 4123 Pg. 78 JOB NO 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-4-72

INDEXED C.J. GALLI DATE

WEATHER WINDY cloudy INST. NO 96716

TIME 11:20 TO 12:00 ROD NO 1134 B

NOTES CHKD CAB DATE

T-82

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.126-19 TO B.M.126-18
B.M.126-19									B.M.126-19 (LLANO BASE CH. PT. 3)
1	137903	438 5		170 104 66	192 538	493 5		222 162 60	NEAR TOWER 195-3
2	94772	395 5		124 64 60 126	192 341	493 5		221 163 58 118	SEE F.B. 3425-11,12
3	57749	358 5		88 26 62	147 390	448 5		177 117 60	
4	57893	358 5		87 188 27 60 248	213 049	514 5		246 178 180 66 244	
5	96678	397 5		126 66 60	164 156	465 5		193 135 58	
6	56578	357 5		89 308 23 66 374	176 007	477 5		208 144 64 302 366	T = MALDONADO
7	69977	370 5		104 34 70	193 461	494 5		230 156 74	2ND RERUN
8	50463	351 5		84 16 68 444 512	217 857	518 5		254 180 74 440 514	
9	66740	367 5		103 29 74	220 681	521 5		255 185 70	
10	58380	359 5		95 21 74 586	228 718	529 5		263 193 70 584	
	717133			142 76 66 660	194 6198			283 203 80 654	
11	109881	410 5		726	243 070	544 5		734	
B.M.126-18	5							726	B.M.126-18 (LLANO BASE CH. PT. 2
	827014				2189268			1460	R.M.2) NEAR TOWER 196-2
					827014				SEE F.B. 3425-9,10
					1362254				

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= 80° F.B. 4123 Pg. 79

SURVEY BY G.E. DREIER WEATHER SUNNY, WIND INST. NO. 28716

NOTES BY SIEMANN DATE 7-16-72 TIME 11:05 TO 11:06 ROD NO. 171348

INDEXED E. J. GALLI DATE APR 10 '72 NOTES CHKD [illegible] DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.126-19 TO B.M.126-20
B.M.126-19									B.M. 126-19 (LLANO BASE CH. PT. 3)
				173				135	NEAR TOWER 195-3
1	171	402	472	5 169 4	133	467	434	5 131 4	SEE F.B. 3425-11 & 12
									~~T= MACDONALDO~~
	133	467							
B.M.126-20									4 B.M. 126-20 (LLANO BASE CH. PT. 3 R.M. 1)
+	37935	/							8 NEAR TOWER 195-3
									SEE F.B. 3425-11, 12

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. 4123 Pg. 80 JOB NO. 0301.02

SURVEY OF L.A. COPPERCISE LEVEL NET

SURVEY BY DREIER NOTES STEMANN 3-28-72

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO 16716

TIME 2:05 TO 2:10 ROD NO 71348

NOTES CHKD RGB DATE

T = 76°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 126-20 TO B.M. 126-19
B.M. 126-20									B.M. 126-20 (LLANO BASE CH. PT. 3 RM.)
1	128	482	429 5	130 126 4	166	416	467 5	166 162 4	NEAR TOWER 195-3
									SEE F.B.
					128	482			A = MALDONADO
B.M. 126-19								4	B.M. 126-19 (LLANO BASE CH. PT. 3)
					37	934	/	8	NEAR TOWER 195-3
									SEE F.B. 3425-11, 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 T=80° F.B. 4123 Pg. 87

SURVEY BY G.E. DREIER WEATHER SUNNY, WIND INST. NO 76716

NOTES BY SIEMANN DATE 3-16-72 TIME 11:07 TO 11:10 ROD NO 1713 AB

INDEXED G. J. GALLI DATE APR 10 '72 NOTES CHKD CHB DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 126-20 TO B.M. 126-21
B.M. 126-20									B.M. 126-20 (LANO BASE CH. PT. 3 RM 1)
1	146	317	447	5 150 142 8	96	413	397	5 100 92 8	NEAR TOWER 195-3
									SEE F.B. 3425-11,12
	96	413							~~T=MALDONADO~~
B.M. 126-21								8	B.M. 126-21 (LANO BASE CH. PT. 3 RM. 2)
+	49	904	/					16	NEAR TOWER 195-3
									SEE F.B. 3425-11,12

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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.126-21 TO B.M.126-20
B.M.126-21									B.M.126-21 (LLANO BASE CH.PT.3 R.M.2
									NEAR TOWER 195-3
1	96	859	397 5	100 92 8	146	770	447 5	150 142 8	SEE F.B 3425-11,12
									~~T = MACDONALD~~
					96	859		8	
B.M.126-20								16	B.M.126-20 (LLANO BASE CH.PT.3 R.M.1)
				-	49	911			NEAR TOWER 195-3
									SEE F.B 3425-11,12

F.B. 4123 PG. 82 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 3-28-72

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO 96716

TIME 2:00 TO 2:05 ROD NO 1713A

NOTES CHKD RGB DATE

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 T= 80°
SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO. 96716
NOTES BY G.E. DREIER DATE 3-16-72 TIME 11:15 & 12:00 ROD NO. 17148
INDEXED C. J. GALLI DATE APR 10 '72 NOTES CHKD [illegible] DATE
F.B. 4123 Pg. 83

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 126-21 TO B.M. 126-22
B.M. 126-21				169	119			154	B.M. 126-21 (LLANO BASE CH. PT. 3 B.M. 2)
1	135	531	436	5 135 68	48+	727	420	5 84 70	NEAR TOWER 19.5-3
									SEE F.B. 3425-11,12
2	211	650	512	5 245 177 68	82	359	383	5 115 49 66	
				136				136	
3	195	384	496	5 228 162 66	71	632	372	5 105 37 68	
				202				204	
4	194	675	495	5 228 160 68	73	122	374	5 107 39 68	
				270				272	
5	180	501	481	5 212 148 64	138	891	439	5 169 107 62	π = MALDONADO
				334				334	
6	191	568	492	5 225 157 68	71	678	372	5 104 38 66	
7	244	558	545	5 282 206 40 74	97	766	398	5 133 61 72	
				478				472	
8	194	197	495	5 231 157 74	106	616	407	5 142 70 72	
9	192	718	493	5 226 158 68	108	120	409	5 145 71 74	
				620				618	
10	211	818	512	5 246 176 70	98	070	399	5 132 64 68	
				690				686	
11	19X	680	491	5 220 170 40	172	782	473	5 194 150 44	
				730				730	
B.M. 126-22								730	B.M. 126-22 (LLANO BASE CH. PT. 4)
	214 X 280				1202 763			1460	NEAR TOWER 19.4-3
	1140				1140				SEE F.B. 3425-13,14
	1202 763								
	+ 941 517								
	+ 100 3/2 517								

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 76716
ROD NO. 12134
DATE
WEATHER SUNNY T=76°
TIME 1:10 TO 4:00
NOTES CHKD. RGB

F.B. 4123 Pg. 84
JOB NO. 0301.02
SURVEY OF L.A.CO. PRECISE LEVEL NET
SURVEY BY DREIER NOTES SIEMANN 3-28-72
INDEXED C. J. GALLI DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 126-22 TO B.M. 126-21
B.M. 126-22									B.M. 126-22 (LLANO BASE CH. PT. 4)
1	153252		454 5	186 120 66	213660		574 5	246 180 66	NEAR TOWER 194-3
		587							SEE F.B. 3425-13, 14
2	94 742		396 5	123 65 58	187110		488 5	216 158 58	
				124				124	
3	119541		4205	147 91 56	178009		479 5	206 150 56	
				180				180	
4	123581		424 5	152 94 58	188969		489 5	215 161 54	
				238				234	
5	105661		406 5	133 75 60	187588		488 5	217 157 60	
				298				294	
6	98191		399 5	124 72 52	247271		548 5	275 219 56	T - MALDONADO
				350				350	
7	107803		408 5	134 80 54	176591		477 5	203 149 54	
8	145489		446 5	132 118 54	179160		480 5	208 158 58	
				404 458				462	
9	103980		404 5	132 74 58	204667		505 5	230 178 52	
10	107311		408 5	136 86 54	215087		516 5	240 190 50	
				516 570				564	
11	112912		413 5	141 83 58	222242		523 5	251 193 58	
				628				622	
12	112568		413 5	141 83 58	223383		524 5	255 195 56	
				686				678	
13	142334		443 5	165 119 46	106515		407 5	128 84 44	
				732	/			722 /	
B.M. 126-21								732	B.M. 126-21 (LLANO BASE CH. PT. 3
	529210 /				2530252 /			1454	R.M. # 2) TOWER 195-3
					1527210				SEE F.B. 3425-11-12
					1003042 /				

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 G. E. DREIER

NOTES BY T. OHASHI DATE 3-30-72

INDEXED E. J. GALLI DATE APR 10 '72

WEATHER SUNNY- T-77°

TIME 1:45 - 2:15

NOTES CHKD RGB

INST. NO. 96716

ROD NO. 1713A4

DATE

F.B. 4123 PG. 85

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM.126-21 TO BM.126-22
BM.126-21													B.M. 126-21 (LLANO BASE CH. PT. #3-
1	109	146	410	5	135 / 83	52	138	178	439	5	167 / 109	58	NEAR TOWER 195-3 (- RM. #2)
													SEE F. B. 3425-11,12
2	236	338	537	5	264 / 208	56	125	998	426	5	152 / 98	54	
						108						112	
3	220	888	521	5	244 / 196	48	144	807	445	5	167 / 121	46	
4	219	028	520	5	244 / 194	156 / 50	102	388	403	5	127 / 77	158 / 50	⊼ R. MOORE
5	167	274	468	5	192 / 142	206 / 50	70	111	371	5	94 / 46	208 / 48	1ST RE-RUN
6	178	474	479	5	202 / 154	256 / 48	129	998	430	5	152 / 106	256 / 46	
						304						302	
7.	166	260	467	5	191 / 141	50	129	561	430	5	154 / 104	50	
8.	192	554	493	5	216 / 168	354 / 48	92	878	393	5	116 / 68	352 / 48	
						402						400	
9.	235	930	536	5	255 / 215	40 / 442	156	273	457	5	176 / 136	40 / 440	T.P. TOWER # 194-5
10.	185	993 ~~959~~	486	5	207 / 163	44 / 486	109	771	410	5	130 / 87	43 / 483	
11.	197	233	498	5	227 / 167	60	121	142	422	5	152 / 90	62	
						546				?		545	
12.	180	741	481	5	210 / 150	60 / 606	111	600	412	5	242 / 179	63 / 608	⊼ MALDONADO
13.	193	162	494	5	223 / 163	60 / 666	101	920	402	5	131 / 71	60 / 668	
14.	216	054	517	5	246 / 186	60	162	282	463	5	191 / 133	58	
						726						726	
												726	
BM.126-22	2699	075					1696	907				1452	BM.126-22 (LLANO BASE CH. PT. #4)
	1696	907											NEAR TOWER 194-3
	+1002	168											SEE F.B. 3425-13,14.

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. 126-22 TO BM. 126-21
B.M. 126-22									BM. 126-22 (LLANO BASE CH. PT. #4)
1.	156	732	457 5	190 / 122 68	215	269	516 5	249 / 181 68	NEAR TOWER 194-3
									SEE F.B 3425-13, 14
2.	78	652	379 5	109 / 47 62	176	151	477 5	206 / 146 60	
				130				128	
3.	117	976	418 5	149 / 85 64	227	039	528 5	258 / 196 62	
				194				190	⊼ J. MALDONADO
4.	140	728	441 5	172 / 108 64	177	732	478 5	207 / 147 60	
				258				250	
5.	95	419	396 5	112 / 78 34	159	831	460 5	176 / 142 34	1st RERUN
				292				284	
6.	129	431	430 5	155 / 103 52	257	035	558 5	287 / 227 60	
				344				344	
7.	93	802	394 5	122 / 64 58	173	448	474 5	202 / 144 58	
				402				402	
8	143	857	444 5	172 / 114 58	183	263	484 5	211 / 155 56	
				460				458	
9.	103	850	404 5	132 / 74 58	206	523	507 5	235 / 177 58	
				518				516	
10.	103	313	404 5	132 / 74 58	230	081	531 5	257 / 203 54	
				576				570	
11	130	357	431 5	160 / 100 60	212 / 213	166	513 5	244 / 180 64	
				636				634	
12.	86	590	387 5	116 / 56 60	167	717	468 5	198 / 136 62	
				696				696	
13.	102	809	403 5	121 / 83 38	99	967	400 5	118 / 80 38	
				734				734	
								734	
B.M. 126-22	1483	516			2486	222		1468	B.M. 126-21 (LLANO BASE CH. PT. #3)
					1483	516			NEAR TOWER 195-3
					1002	706			SEE F.B. 3425-11, 12

F.B. 4123 PG. 86 JOB NO. 0301.02

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

SURVEY BY G.E. DREIER NOTES T. OUASHI 4-3-72

INDEXED C.J. GALLI DATE

WEATHER SUNNY - HAZE INST. NO. 96716

TIME 11:40 ROD NO. 1713 [illegible]

NOTES CHKD RGB 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.

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

SURVEY BY G. E. DREIER

NOTES BY SIEMANN DATE 4-4-72

INDEXED C. J. GALLI DATE

WEATHER WINDY, CLOUDY

TIME 1:00 TO 2:00

NOTES CHKD RGB DATE

INST. NO 96716

ROD NO 1713AB

F.B. 4123 PG. 87

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 126-21 TO B.M. 126-22
B.M. 126-21									B.M. 126-21 (LLANO BASE CH. PT. 3
1	11~~0~~1	602	412 5	140 / 82 58	130	974	431 5	159 / 101 58	R.M. 2) NEAR TOWER 195-3
									SEE F.B. 3425-11,12
2	245	132	546 5	277 / 213 64	107	936	408 5	139 / 75 64	
3	188	257	489 5	222 / 154 122 / 68	59	288	360 5	93 / 25 122 / 68	
4	192	247	493 5	226 / 158 190 / 68	74	548	375 5	107 / 41 190 / 66	
5	200	829	501 5	237 / 163 258 / 74	135	422	436 5	173 / 97 256 / 76	T = MALDONADO
6	186	068	487 5	221 / 151 332 / 70	72	531	373 5	104 / 40 332 / 64	2nd RERUN
7	246	554	547 5	280 / 212 402 / 68	110	242	411 5	146 / 74 396 / 72	
8	194	478	495 5	228 / 160 470 / 68	141	129	442 5	176 / 106 468 / 70	
				538				538	
9	228	717	529 5	266 / 190 76	99	401	400 5	137 / 61 76	
				614	0			614	
10	198	064	499 5	233 / 163 70	87	680	388 5	122 / 52 70	
	1990	948		684	1019	151		684	
11	195	852	496	218 / 172 46	166	247	467 5	190 / 142 48	
				730				732	
B.M. 126-22								730	B.M. 126-22 (LLANO BASE CH. PT. 4)
	218~~6~~7	800			1185	398		1462	NEAR TOWER 194-3
	1185	398							SEE F.B. 3425-13,14
	+ 1002	402							

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. 4123 Pg. 88 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DEGLER NOTES SIERRA MADRE 4-4-72 DATE

INDEXED C. J. GALLI DATE

WEATHER CLOUDY, WIND INST. NO. 96716

TIME 2:00 TO 2:45 ROD NO. 71348

NOTES CHKD. DLB DATE

T = 82°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 126-22 TO B.M. 126-21
B.M. 126-22									B.M. 126-22 (LLANO BASE CH. PT. 4)
1	152 511	453 5		185 118 67	212 649	513 5		243 181 62	NEAR TOWER 194-3
2	76 167	377 5		112 40 72	180 692	481 5		215 145 70	SEE F.B. 3425-13, 14
3	113 918	414 5		151 75 76	191 807	492 5		228 154 74	
4	102 562	403 5		138 66 215 72	218 706	519 5		257 179 78	
5	65 347	366 5		106 24 287 82	256 437	557 5		298 214 84	T = MALDONADO
6	100 909	401 5		143 57 369 86	157 881	458 5		199 115 368 84	2ND RERUN
7	49 461	350 5		91 7 453 84	188 930	489 5		228 148 452 80	
8	92 099	393 5		112 72 539 40	165 993	466 5		186 144 532 42	195-2 SLEG
9	78208	379 5		113 43 579 70	245198	506 5		239 171 574 68	
	831182							642	
10	84981	385 5		126 44 449 80	140597	441 5		185 140 90	
				729				732	
B.M. 126-21	916163							729	B.M. 126-21 (LLANO BASE CH. PT. 3
					1958890			1461	R.M. 2) NEAR TOWER 195-3
					916163				SEE F.B. 3425-11, 12
					042727				

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 TE 78° F.B. 4123 Pg. 87
SURVEY BY G. E. PREIER WEATHER SUNNY, WIND INST. NO 86716
NOTES BY S. F. GALLI DATE 3-16-72 TIME 12:00 TO 12:02 ROD NO 17348
INDEXED DATE APR 10 72 NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 126-22 TO B.M. 126-23
B.M. 126-22									B.M. 126-22 (LLANO BASE CH. PT. 4)
									NEAR TOWER 194-3
1	183	195	484	5 (185 181) 4	135	797	436	5 137 133 4	SEE F.B. 3425-13,14
									T = MACDONALD
	135	797							
B.M. 126-23								4	B.M. 126-23 (LLANO BASE CH. PT. 4 RM 1)
+	47	398						8	NEAR TOWER 194-3
									SEE F.B. 3425-13,14

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. 126-23 TO B.M. 126-22
B.M. 126-23									B.M. 126-23 (LLANO BASE CH. PT. 4 RM)
									NEAR TOWER 194-3
1	136	957	437 5	138 134 4	184	348	485 5	186 182 4	SEE F.B. 3425-13, 14
									~~T = MALDONADO~~
					136	957			
B.M. 126-22								4	B.M. 126-22 (LLANO BASE CH. PT. 4)
				-	47	391		8	NEAR TOWER 194-3
									SEE F.B. 3425-13, 14

F.B. 4123 PG. 90 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 3-28-72

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO. 96716

TIME 1:05 TO 1:10 ROD NO. 1713A

NOTES CHKD PWB DATE

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 T= 78° F.B. 4123 Pg. 91
SURVEY BY G.E. DREIER WEATHER SUNNY, WIND INST. NO 26716
NOTES BY SIEGMANN DATE 3-16-72 TIME 12:03 TO 12:05 ROD NO 17143
INDEXED C.J. GALLI DATE APR 10 72 NOTES CHKD [illegible] DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.126-23 TO B.M.126-24
B.M.126-23									B.M.126-23 (LLANO BASE CH.PT.4 RM 1)
1	135	230	436 5	139 131 8	100	308	401 5	104 96 8	NEAR TOWER 194-3
									SEE F.B. 3425-13,14
	100	308							~~A = MALDONADO~~
B.M.126-24								8	B.M.126-24 (LLANO BASE CH.PT.4 RM 2)
+	34	922	/					16	NEAR TOWER 194-3
									SEE F.B. 3425-13,14

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. 126-24 TO B.M. 126-23
B.M. 126-24									B.M. 126-24 (LLANO BASE CH. PT.
									4 R.M. #2) NEAR TOWER 194-3
1	103	512	404 5	107 99 8	138	430	439 5	142 134 8	SEE F.B. 3425-13-14
					103	512			~~⊼ = MALDONADO~~
B.M. 126-23								8	B.M. 126-23 (LLANO BASE CH. PT.
					34	918		16	4 R.M. #1) NEAR TOWER 194-3
									SEE F.B. 3425-13, 14

F.B. 4123 PG. 92

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 3-28-72

INDEXED C. J. GALLI DATE

WEATHER SUNNY T = 76°

TIME 1:00 TO 1:05

NOTES CHKD [illegible]

INST. NO. 96716

ROD NO. 1713 AB

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
									FROM B.M. 126-24 TO B.M. 126-25
BM 126-24									B.M. 126-24 (LLANO BASE Ch. Pt. 4 RM. 2)
1	138	180	439 5	184 92 92	94	400	395 5	140 48 92	D.W.P. Near Tower # 194-3
2	183	849	484 5	218 148 70	99	742 ~~919~~	400 5	135 63 72	See F.B. 3425-13,14
3	192	280	493 5	228 156 162 72	198	331	499 5	234 162 164 72	T-Siemann
4	230	383	531 5	266 194 234 72	184	579	485 5	220 148 236 72	
5	204	261	505 5	239 169 306 70	143	040	444 5	180 106 308 74	
6	195	888	496 5	221 169 376 52	195	871	476 5	201 149 382 52	
X				428				434 428	
	1144	841			895	963		862	R.M. No. 1 BM 126-25 (LLANO BASE POT 3)
	895	963							Ave "V" Near D.W.P. Tower # 193-6
BM 126-25	+248	878							See F.B. 3425-15,16

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

SURVEY BY G.E. DREIER

NOTES BY Maldonado DATE 3-16-72

INDEXED C. J. GALLI DATE APR 10 72

WEATHER Sunny & Breezy

TIME 1:40 to 2:15

NOTES CHKD RHB

INST. NO. 96716

ROD NO. 1713 A-B

DATE

F.B. 4123 PG. 93

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.126-25 TO B.M.126-24
B.M.126-25	5			199				225	B.M.126-25 (LLANO BASE P.O.T. 3) R.M.#1
1	165	888	466 5	131 68	191	675	492 5	157 68	Ave. "V" Near D.W.P. Tower # 193-6
2	143	540 ~~600~~	444 5	174 112 62	214	149	515 5	244 184 60	See F.B. 3425-15, 16
									π - Siemann
3	203	391	504 5	234 172 62	211	879	512 5	242 180 62	~~BM126-24 (LLANO BASE Ch. Pt. # 4, R.M. # 2)~~
~~BM126-24~~									
4	162	121	463 5	193 131 62	201	009	502 5	231 171 60	~~Ave. "V"~~
5	169	182	470 5	200 138 62	207	595	508 5	239 175 64	
6	147	580	448 5	178 116 62	225	560	526 5	256 194 62	
7	132	945	433 5	160 104 56	121	816	422 5	150 92 58	
	1124	647		434	1373	683		434	BM126-24 (LLANO BASE Ch. Pt. # 4, R.M. # 2)
					1124	647		434	Ave. "V" near D.W.P. Tower # 194-3
BM126-24					249	036		868	See F.B. 3425-13, 14

F.B. 4123 PG. 94 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 3-28-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Calm INST. NO. 96716

TIME 11:25 to 11:55 ROD NO. 1713 A

NOTES CHKD RGD DATE

TE 74°

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T-80° F.B. 4123 PG. 95

SURVEY BY G.E. Dreier WEATHER Sunny & Breezy INST. NO. 96716

NOTES BY Maldonado DATE 3-16-72 TIME 2:15 to 2:20 ROD NO. 1713A&B

INDEXED C. J. GALLI DATE APR 10 72 NOTES CHKD. RGB 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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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
BM126-25				168				114	FROM BM126-25 TO BM126-26
1	164	545	465 5	160 8	110	699	411 5	106 8	BM126-25 (LLANO BASE R.M. No. 1 P.O.T. 3) Near DWP Tower #193-6 @ Ave. V.
	110	699						8	See F.B. 3425-15,16
	+53	846						161	K-Siemann
BM126-26									R.M. No 2 BM126-26 (LLANO BASE P.O.T. 3) Near DWP Tower #193-6 @ Ave. V. See F.B. 3425-15,16

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.

F.B. 4123 Pg. 96 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Preiser NOTES Maldonado 3-28-72

INDEXED C.J. GALLI DATE

WEATHER Sunny/Calm INST. NO. 1627

TIME 11:20 to 1:25 ROD NO. 1784 & B

NOTES CHKD KGB DATE

T-74°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 126-26 TO BM 126-25
BM 126-26				114				168	BM 126-26 (LLANO BASE P.O.T. 3) R.M.# 2
1	110	401	415	106 8	164	239	465	160 8	Ave V, Near D.W.P Tower # 193-6
					110	401		8	See 3425-15, 16
					53	838		16	A-Siemann
BM 126-25									BM 126-25 (LLANO BASE P.O.T. 3) R.M.# 1
									Ave V, Near D.W.P Tower # 193-6
									See F.B. 3425-15, 16

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. 4123 Pg 97

SURVEY BY Maldonado & F. Dreier — DATE 3-16-72 — WEATHER Sunny & Dr. — INST. NO. 96716

NOTES BY — TIME 2:20 to 2:35 — ROD NO 17348

INDEXED C. J. GALLI — DATE APR 10 72 — NOTES CHKD RGB — DATE

T = 80°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 126-26 TO BM 126-27
BM 126-26											251		BM 126-26 (LLANO BASE P.O.T. 3rd Ave. "V" Near D.W.P Tower #193-6
1	80	992	381	5	49	62	219	775	520	5	187	64	See F.B. 3425-15,16
					234						219		
2	203	899	504	5	172	62	187	311	488	5	155	64	
					217	124					172	128	T-Siemann
3	187	680	488	5	157	60	141	968	442	5	110	62	
		7			193	184					203	190	
4	162	097	463	5	131	62	171	309	472	5	139	64	
					223	246					234	254	
5	199	280	500	5	175	48	212	469	513	5	190	44	
						294						298	
												294	
	833	948					932	832				592	
BM 126-27							833	948					BM 126-27 (LLANO BASE ch. Pt. 5) Ave. "V" Near E. of D.W.P Tower #193-4 See F.B. 3425-17,18
							98	884					

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 BM126-26 TO BM127-26
BM126-26				222				211	BM126-26 (LLANO BASE Ch. Pt. #5)
1	185	180	486 5	148 74	175 4	993	475 5	137 74	Ave "V", Near D.W.P. Tower # 193-4
				205				216	See F.B. 3425-17, 18
2	171	946	472 5	137 68	182	672	483 5	148 68	
				167 142				147 142	⊼-Siemann
3	134	862	435 5	101 66	113	920	414 5	79 68	~~BM126-26 (LLANO BASE P.O.T. 3 RM#~~
~~BM126-26~~				142 208				148 210	~~Ave "V", Near D.W.P. Tower # 193-6~~
4	110	339	411 5	78 64	117	140	418 5	86 62	~~see~~
				188 272				102 272	
5	175	211	476 5	162 26	89	969	390 5	76 26	
				298				298	
								298	
	777	538			678	694		596	BM126-26 (LLANO BASE P.O.T. 3 RM#2)
	678	694							Ave "V" near D.W.P. Tower # 193-6
BM126-26	+98	844							See F.B. 3425-15, 16

F.B. 4123 PG. 98 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 3-28-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Calm INST. NO. 96716

TIME 11:00 to 11:20 ROD NO. 1713 Pt B

NOTES CHKD RGB DATE

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-80 — F.B. 4123 Pg. 99

SURVEY BY G.E. Dreier — DATE 3-16-72 — WEATHER Sunny & Br. — INST. NO. 96216

NOTES BY Maldonado — TIME 2:35 to 2:40 — ROD NO. 113 A&B

INDEXED C. J. GALLI — DATE APR 10 '72 — NOTES CHKD RGB — DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 126-27 TO BM 126-28
BM 126-27				197				155	BM 126-27 (LLANO BASE CH. PT. 5)
1	195	707	496	5 193 4	153	768	454	5 151 4	Ave. "V" East & Near D.W.P. Tower #193-4
	153	768						4	See F.B. 3425-17,18
	41	939						8	A-Siemann
BM 126-28									BM 126-28 (LLANO Base Ch. Pt. #5 RM 1)
									Ave "V" E. & Near D.W.P. Tower #193-4
									SEE F.B. 3425-17,18

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.

F.B. 4123 Pg. 100 JOB NO. 0301.02

SURVEY OF A. Co. Precise Level Net

SURVEY BY Breier NOTES Maldonado 3-28-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Calm INST. NO. 26716

TIME 10:35 to 11:00 ROD NO. 17348

NOTES CHKD RHB DATE

T-74°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 126-28 TO BM 126-27
BM 126-28				155				197	BM 126-28 (LLANO BASE Ch. Pt. #5
1	153	730	454	5 151 4	195	758	496	5 193 4	R.M. #1)
					153	730		4	Ave "V" Near D.W.P. Tower #193-4
					-42	028		8	See F.B. 3425-17, 18
									R-Siemann
BM 126-27									BM 126-27 (LLANO BASE Ch. Pt. #5
									Ave "V", Near D.W.P. Tower #193-4
									See F.B. 3425-17, 18

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 126-28 TO BM 126-29
BM 126-28					147						124		BM 126-28 (LLANO BASE Ch. Pt. 5 RM 1)
1	143	876	444	5	139	8	120	552	421	5	116	8	Ave. "V", Near D.W.P. Tower #193-4
	120	552										8	See F.B. 3425 -17,18
	423	324										16	K-Siemann
BM 126-29													
													BM 126-29 (LLANO BASE Ch. Pt. 5 RM 7)
													Ave. "V", Near D.W.P. Tower #193-4
													See F.B. 3425 -17,18

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 3-16-72

INDEXED C. J. GALLI DATE APR 10 '72

WEATHER Sunny & Br. T. 80°

TIME 2:40 to 2:45

NOTES CHKD RGB

INST. NO. 96716

ROD NO. 1713A&B

DATE

F.B. 4123 PG. 101

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 BM126-29 TO BM126-28
BM126-29					123						146		BM. 126-29 (LLANO BASE Ch. Pt. #5
1	119	532	420	5	115	8	142	767	443	5	138	8	Ave "V" Near D.W.P. Tower #193-4 R.M. #2)
							119	532				8	see 3425-17, 18
							-23	235				161	T. Siemann
BM126-28													BM126-8 (LLANO BASE Ch. Pt. #5, R.M. #1) Ave "V", near D.W.P. Tower #193-4 see 3425-17, 18

F.B. 4123 PG. 102 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 3-28-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Calm INST. NO. 96716

TIME 10:50 to 10:55 ROD NO. 1713A

NOTES CHKD RHB DATE

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 = 86°
SURVEY BY G.F. DREIER WEATHER SUNNY INST. NO. 9676
NOTES BY SIEMANN DATE 3-17-72 TIME 10:15 TO 11:05 ROD NO 17348
INDEXED G.J. GALLI DATE APR 10 72 NOTES CHKD RHB DATE
F.B. 4123 PG 103

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA	FORESIGHT RIGHT	MIC.	LEFT.		STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 126-29 TO B.M. 126-30
B.M. 126-29											B.M. 126-29 (LLANO BASE CH. PT. 5
1	107	078	408	5	142 72 70	134	136	435	5	169 99 70	R.M. #2) NEAR TOWER # 193-4
											SEE F.B. 3425-17, 18
2	124	707	425	5	157 91 66	141	950	442	5	173 107 68	
					136					138	
3	170	826	471	5	203 137 66	196	865	497	5	228 164 64	
					202					202	
4	155	729	456	5	187 123 64	164	316	465	5	197 131 66	
					266					268	
5	195	951	496	5	228 162 66	227	592	528	5	259 195 64	T = MALDONADO
					332					332	
6	131	450	432	5	163 99 64	136	058	437	5	168 104 64	
					396					396	
7	177	710	478	5	209 145 64	220	503	521	5	252 188 64	
					460					460	
8	153	415	454	5	185 121 64	156	477	457	5	188 124 64	
					524					524	
9	133	300	434	5	165 101 64	208	848	509	5	240 176 64	
					588					588	
10	112	667	413	5	144 80 64	130	264	431	5	159 101 58	
11	138	430	439	5	170 106 652 64	179	167	480	5	214 144 646 70	
					716					716	
12	143	536	444	5	151 135 16	191	982	492		199 183 16	
					732					732	
B.M. 126-30										732	B.M. 126-30 (LLANO BASE CH. PT. 6)
	1744799					2088158				1464	NEAR TOWER 192-4
						1744799					SEE F.B. 3425-19, 20
						- 343359					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 126-30 TO B.M. 126-29
B.M. 126-30									B.M. 126-30 (LLANO BASE CH. PT. 6)
1	225	891	526 5	255 195 60	173	874	474 5	201 145 56	NEAR TOWER # 192-4
									SEE F.B. 3425-19
2	190	383	491 5	223 157 66	138	752	439 5	171 105 66	
				126				122	
3	188	903	489 5	218 158 60	133	500	434 5	163 103 60	
				186				182	
4	188	392	489 5	219 157 62	162	931	463 5	192 132 60	
				248				242	
5	167	885	468 5	198 136 62	104	626	405 5	133 75 58	
				310				300	
6	133	168	434 5	163 103 60	163	071	464 5	198 128 70	
				370				370	
7	168	069	469 5	191 145 46	54	117	355 5	78 30 48	π = MALDONADO
				416				418	
8	116	803	417 5	151 81 70	101	778	402 5	136 66 70	
				486				488	
9	85	939	386 5	118 52 66	115	471	416 5	148 82 66	
				552				554	
10	151	092	452 5	182 120 62	154	908	455 5	185 123 62	
				614				616	
11	139	284	440 5	171 107 64	138	268	439 5	171 109 62	
				678				678	
12	122	361	423 5	146 98 48	93	852	394 5	117 69 48	
				726				726	
B.M. 126-29								726	B.M. 126-29 (LLANO BASE CH. PT. 5
	1878	190			1535	148		1452	R.M. 2) NEAR TOWER 193-4
	1535	148							SEE F.B. 3425-17, 18
	+343	042							

T = 64°

WEATHER SUNNY, WINDY INST. NO. 96716

TIME 2:00 TO 2:40 ROD NO. 1713 HB

NOTES CHKD RHB DATE

F.B. 4123 PG. 104 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY D. REIER NOTES SIEMANN 3-27-72

INDEXED C. 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=86°

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

NOTES BY SIEMANN DATE 3-17-72 TIME 11:10 TO 11:15 ROD NO. 1713AB

INDEXED C. J. GALLI DATE APR 10 72 NOTES CHKD RGB DATE

F.B. 4123 PG. 105

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.126-30 TO B.M.126-31
B.M.126-30									B.M.126-30 (LLANO BASE CH.PT. 6)
									NEAR TOWER # 192-4
1	150	763	451 5	166 134 32	46	560	347 5	61 31 30	SEE F.B. 3425-19, 20
	46	560							~~T=MALDONADO~~
B.M.126-31								32	B.M.126-31
+	104	203						62	L.&T. IN S. BASE OF TOWER # 192-4
									SEE F.B. 3425-19

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 126-31 TO B.M. 126-30
B.M. 126-31									B.M. 126-31
									L.E.T. IN CONC. BASE OF TOWER #192-4
1	68	612	369 5	84 52 32	172	772	473 5	186 158 28	SEE F.B. 3425-19
									π = MALDONADO
B.M. 126-30					68	612		32	B.M. 126-30 (LLANO BASE CH. PT. #6,
				-	104	160		60	NEAR TOWER #192-4
									SEE F.B. 3425-19

F.B. 4123 PG. 106 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DEELER NOTES SIEMANN 3-27-72

INDEXED C. J. GALLI DATE

WEATHER SUNNY, WINDY INST. NO. 96716

TIME 1:55 TO 2:00 ROD NO. 1713HB

NOTES CHKD RHB DATE

T=64°

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= 86°
SURVEY BY G.E. DREIER WEATHER SUNNY, WIND INST. NO. 96716
NOTES BY S.E. MANN DATE 3-17-72 TIME 11:15 TO 11:45 ROD NO. 17348
INDEXED C.J. GALLI DATE APR 10 72 NOTES CHKD RBB DATE
F.B. 4123 Pg 107

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 126-31 TO B.M. ~~126-32~~ 109-23
B.M. 126-31													B.M. 126-31
1	93	580	394	5	124 62	62	168	270	469	5	200 136	64	L.S.T. IN S. BASE OF TOWER 192-4
													SEE F.B. 3425-19
2	135	516	436	5	166 104	62	167	058	468	5	198 136	62	
						124						126	
3	160	932	461	5	192 128	64	195	149	496	5	227 163	64	
						188						190	
4	140	483	441	5	171 109	62	78	958	379	5	108 48	60	
					132	250					160	250	
5	100	611	401	5	68	64	128	162	429	5	96	64	T = MALDONADO
					130	314					188	314	
6	100	206	401	5	70	60	156	543	457	5	124	64	
					298	374					83	378	
7	261	211	568	5	236	62	53	170	354	5	23	60	
					195	436					80	438	
8	186	559	487	5	177	18	73	148	374	5	66	14	
						454						452	/
												454	B.M. 109-23
B.M. 109-23												906	165TH ST. E. 1.0 MI. N. OF PEARBLOSSOM HWY
	1185	098	/				1020	448	/				SEE F.B. 2844-29
	1020	448											
+	164	650	/										

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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.

F.B. 4123 Pg. 108 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY PREIE & NOTES SIEMANN 3-27-72

INDEXED C. J. GALLI DATE

WEATHER SUNNY, WINDY INST. NO. 9671G

TIME 1:25 TO 1:50 ROD NO. 11384

NOTES CHKD. CHP DATE

T = 62

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
~~109-23~~ B.M. ~~126-32~~	'								FROM ~~B.M. 126-32~~ 109-23 TO B.M. 126-31
1	8077	309	5	30 8 44	220968	521	5	242 198 44	B.M. ~~126-32~~ 109-23
2	19604	320	5	49 19 60	132522	433	5	162 102 60	165TH ST. E. 1.0 MI. N. OF HWY. 138
3	205043	506	5	236 174 62 104	175106	476	5	206 144 62 104	SEE F.B. 2844-29
4	209199	510	5	241 177 64 166	238199	539	5	268 208 60 166	T = MALDONADO
5	168399	469	5	198 138 60 230	103761	404	5	136 70 66 226	
6	147672	448	5	178 116 62 290	142251	443	5	172 112 60 292	
7	172281	473	5	202 142 60 352	143791	444	5	174 112 62 352	
8	173931	474	5	190 156 34 412	112200	413	5	128 96 32 414	
				446				446	
B.M. 126-31								446	B.M. 126-31
	1104206				1268798			892	S. LEG OF TOWER 192-4
					1104206				SEE F.B. 3425-19
					= 164592				

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 T= 86° F.B. 4123 Pg. 109
SURVEY BY G.E. REELER WEATHER SUNNY, WIND INST. NO 2716
NOTES BY SIEMANN DATE 3-17-72 TIME 11:45 TO 12:00 ROD NO 17308
INDEXED L.J. GALLY DATE APR 10 72 NOTES CHKD CMB DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA			RIGHT	MIC.	LEFT.	STADIA			FROM B.M. 109-23 TO B.M. 109-23A
B.M. 109-23													B.M. 109-23
1	13	839	314	5	40 13	54	259	214	560	5	287 231	56	165TH ST. E. 1.0 MI. N. OF HWY. 138
													SEE F.B. 2844-29
2	114	698	415	5	118 110	8	140	442	441	5	144 136	8	T= MALDONADO
						62	/					64	/
B.M. 109-23A												62	B.M. 109-23A (LACRD BL 1137)
	128	537	/				399	656	/			126	165TH ST. E. 1.0 MI. N. OF PEARBLOSSOM HWY.
							128	537					SEE F.B. 2844-29
						-	271	119	/				

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4123 Pg. 110 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 3-27-72

INDEXED C.V. GALLI DATE

T=620

WEATHER SUNNY WIND X INST. NO 96716

TIME 1:15 TO 1:25 ROD NO 7113 A-B

NOTES CHKD [illegible] DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 109-23A TO B.M. 109-23
B.M. 109-23A									B.M. 109-23 A (L.A.C.RD. BL 1137)
1	214	803	515 5	236 192 44	70	783	371 5	92 48 44	165TH ST. E. 1.0 MI. N. OF HWY. 138
									SEE F.B. 2844-29
2	176	626	477 5	185 167 18	49	590	350 5	58 40 18	T= MACDONALD
				62				62	
B.M. 109								62	B.M. 109-23
	3							124	165TH ST. E. 1.0 MI. N. OF HWY. 138
	$914291				120373 1				SEE F.B. 2844-29
	120373								
+	$71056 1								
	2								

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 B.M. 109-23A TO B.M. 126-32
BM 109-23A				74				207	B.M. 109-23A (L.A.C.R.D B.L. 1137
1	45	231	346 5	45 1/2 58	179	550	480 5	151 56	165th St. E 1.0 mi N of Pearblossom Hwy.
				148				236	See F.B. 2844-29
2	109	460	410 5	70 78	196	180	497 5	156 80	
				138 136				253 136	T-Siemann
3	99	980	400 5	60 78	212	980	513 5	172 82	
				126 214				218	
4	92	471	393 5	58 68	189	592	490 5	223 155 68	
				188 282				246 286	
5	168	652	469 5	148 40	228	595	529 5	210 36	
				322				322	
								322	
	515	794			1006	897		644	
					515	794			BM 126-32 (LLANO BASE Ch. Pt. 7)
BM 126-32					491	103			Ave "V" near D.W.P. Tower # 191-5
									See F.B. 3425-21, 22

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 3-17-72

INDEXED J. GALLI DATE APR 10 72

WEATHER Sunny Calm INST. NO. 96716

TIME 1:15 to Extent 1:30 ROD NO. 713 A&B

NOTES CHKD RHB DATE

T-86°

F.B. 4123 PG. 111

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM126-32 TO BM109-23A
BM126-32	30			268	135	211		170	BM126-32 (LLANO BASE Ch. Pt. #7)
1	229	026	531 5	192 76	211	436	436 5	100 70	Ave "Y" near D.W.P. Tower #191-5
				260				151	See F.B. 3425-21, 22
2	226	442	527 5	192 68	114	190	415 5	77 74	
				253 144				170 144	
3	218	870	519 5	183 70	134	882	435 5	98 72	T-Siemann
				285 214				202 216	
4	250	090	551 5	215 60	168	670	469 5	134 68	
				215 274				96 284	
5	194	169	495 5	173 42	75	288	376 5	54 42	
				316				326	
								316	
	1119	597			628	241		642	BM109-23A (L.A.C.R.D. BL 1137)
BM109-23A	628	241							165th St E., 1.0 mi. N. of Pearblossom Hwy.
	491	356							See F.B. 2844-29

T-64'

WEATHER Sunny & Windy INST. NO. 96716

TIME 11:40 to 12:00 ROD NO. 1713A&B

NOTES CHKD [illegible] DATE

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 3-27-72

INDEXED C. J. GALLI DATE

F.B. 4123 PG. 112

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 109-23A TO BM 126-32
BM 109-23A				75				209	BM 109-23A (L.A.C.R.D. B.L. 1137)
1	45	279	346 5	45 1/2 60	177	590	478 5	145 64	165th St E 1.0 mi N. of Pear-
				137				273	blossom Hwy.
2	86	999	387 5	35 102	220	729	521 5	167 106	See F.B. 2844-29
				141 162				276 170	
3	91	682	392 5	41 100	276	827	577 5	228 1/2 96	
				221 262				259 266	T-Siemann
4	191	551	492 5	161 60	231	662	532 5	203 56	
				322				322	Re-Run
								322	
	415	511			906	808		644	
					415	511			BM 126-32 (LLANO BASE Ch Pt #7)
BM 126-32					491	297			Ave. "V", near D.W.P. Tower #191-5
									See F.B. 3425-21, 22

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 4-4-72

INDEXED C. J. GALLI DATE APR 10 72

WEATHER Overcast & Windy INST. NO. 96716

TIME 11:00 to 11:15 ROD NO. 1713A&B

NOTES CHKD RGB DATE

T-78°

F.B. 4123 PG. 113

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. 41 23 Pg. 115

SURVEY BY G.E. OREILER — WEATHER Sunny T=86° — INST. NO 26716

NOTES BY Maldonado — DATE 3-17-72 — TIME 1:30 to 4:35 — ROD NO 17134B

INDEXED E. J. GALLI — DATE APR 10 '72 — NOTES CHKD RGB — DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.126-32 TO B.M.126-33
B.M.126-32								155	B.M.126-32 (LLANO BASE Ch. Pt #7)
1	212	260	513	5 214	153	501	454	5 151	4 Ave. "V" near D.W.P. Tower #191-5
	153	501		210 4					4 SEE F.B. 3425-21, 22
	58	759						81	T-Siemann
BM126-33									BM 126-33 (LLANO BASE Ch. Pt. #7, RM #1) Ave. "V" near D.W.P. Tower #191-5 See F.B. 3425-21, 22

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 126-33 TO BM126-32
BM126-33				156				215	BM126-33 (LLANO BASE Ch. Pt. #7, RM. #1
1	4 155	989	455 5	152 4	213	734	514 5	211 4	Ave. "V" near D.W.P. Tower #191-5
					154	989		4	See F.B. 3425 -
					58	745		8	π-Siemann
									BM126-32 (LLANO BASE Ch. Pt. #7
BM126-32									Ave. "V" near D.W.P. Tower #191-5
									See F.B. 3425 -

F.B. 4123 PG. 116 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 5-27-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & windy T=5 INST. NO. 96716

TIME 11:35 to 11:40 ROD NO. 1713AB

NOTES CHKD RGB DATE

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T-86°

F.B. 4123 PG. 117

SURVEY BY G. E. Dreier WEATHER Sunny & Br. INST. NO. 96716

NOTES BY Maldonado DATE 3-17-72 TIME 1:35 to 1:40 ROD NO. 1713A&B

INDEXED C. J. GALLI DATE APR 10 '72 NOTES CHKD RGB 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

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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 126-33 TO BM 126-34
BM 126-33				160				134	BM 126-33 (LLANO BASE Ch. Pt. #7, RM #1)
1	156	462	457 5	152 8	130	412	431 5	126 8	Ave. "V" near D.W.P. Tower #191-5
	130	412						8	SEE F.B. 3425-21, 22
	+26	050						16	T-Siemann
BM 126-34									BM 126-34 (LLANO BASE Ch. Pt. #7, RM #2)
									Ave. "V" near D.W.P. Tower #191-5
									SEE F.B. 3425-21, 22

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.

F.B. 4123 Pg. 118 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Preier NOTES Maldonado

INDEXED G. J. GALLI DATE

WEATHER Sunny & Windy INST. NO. 26716

TIME 11:30 to 11:35 ROD NO. 7134 & B

NOTES CHKD KHB DATE

T-64°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 126-34 TO BM 126-33
BM 126-34				136				162	BM 126-34 (LLANO BASE Ch. Pk. #7, RM #2
1	132	065	4335	128 8	158	163	959 5	154 8	Ave "V" near D.W.P. Tower #191-5
					132	065		8	See F.B. 3425-21, 22
					26	098		16	K-Siemann
BM 126-33									BM 126-33 (LLANO BASE Ch. Pk. #7, RM #1
									Ave V, near D.W.P. Tower #191-5
									F.B. 3425-21, 22

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 3-17-72

INDEXED C. J. GALLI DATE APR 10 72

WEATHER Sunny & Calm INST. NO. 96716

TIME 1:45 to 2:40 ROD NO. 1713A&B

NOTES CHKD RGB DATE

T-86°

F.B. 4123 PG. 119

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM126-34 TO BM126-34A
BM126-34					128						240		BM126-34 (LLANO BASE Ch. Pt. #7, R.M. #2)
1	90	271	391	5	90½	76	202	430	503	5	164	76	Ave "V" near D.W.P. Tower #191-5
					207						55		SEE F.B. 3425-21, 22
2	194	141	495	5	181	26	43	402	344	5	31	24	
					282	102					70	100	T-Siemann
3	275	250	576	5	268	14	63	099	364	5	56	14	
					253	116					72	114	
4	245	325	546	5	237	16	63	730	364	5	54	18	
					288	132					62	132	
5	282	061	583	5	276	12	56	480	357	5	50	12	
		688			154	144					230	144	
6	119	~~841~~	420	5	84	70	192	073	493	5	154	76	
					150	214					220	220	
7	116	434	417	5	82	68	185	941	486	5	150	70	
					234	282					198	290	
8	203	016	504	5	172	62	166	121	467	5	134	64	
					28½	344					81	354	
9	8	788	309	5	8½	40	61	310	362	5	41	40	
					250	384					297	394	
~~10~~	~~232~~	~~100~~	~~533~~	~~5~~	~~214~~	~~36~~	~~280~~	~~159~~	~~581~~	~~5~~	~~263~~	~~34~~	
					292	420					155	308	
11	274	949	575	5	256	36	138	640	439	5	121	34	
					45	456					102	462	
~~12~~	~~26~~	~~847~~	~~327~~	~~5~~	~~7~~	~~38~~	~~87~~	~~529~~	~~388~~	~~5~~	~~72~~	~~30~~	
					183	494					118	492	
13	177	414	478	5	171	12	111	421	412	5	104	14	
						506						506	
												506	BM126-34A (Ld. & T. on N Leg of D.W.P. Tower #191-2)
	2246	284					1652	335				1012	Ave "V" near R.R. Crossing
	1652	335											See F.B. 3425-55
BM126-34A	+593	949											

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM126-34A TO BM126-34
BM126-34A				84				222	BM126-34A (L & Tack on N. leg of
1	70	228	371 5	56 28	207	184	508 5	192 30	D.W.P. Tower #191-2 Ave "V" near
				257				292	R.R. Crossing
2	225	650	526 5	193 64	261	820	562 5	230 62	See F.B. 3425-55
				289 92				156 92	
3	254	940	555 5	218 71	122	812	423 5	88 68	
				184 163				139 160	T-Siemann
4	148	382	449 5	112 72	104	608	405 5	70 69	
				227 235				131 229	
5	192	370	493 5	157 70	92	089	393 5	52 77	
				34 305				299 306	
6	27	450	328 5	20 14	299	690	600 5	292 14	
				36 319				297 320	
7	22	871	323 5	8 28	297	021	598 5	287½ 20	
				28 347				278 340	
8	19	780	320 5	9 19	266	200	567 5	254 24	
				216 366				121½ 364	
9	173	375	474 5	130 86	77	310	378 5	77 88	
				452				452	
								452	
	1135	056			1728	734		904	
		4			1135	046			
					593	688			
BM126-34									BM126-34 (LLANO BASE Ch Pt #7, RM #2 Ave "V", near D.W.P. Tower #191-5 See F.B. 3425-21, 22

F.B. 4123 PG. 120 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 3-27-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Breezy INST. NO 96711

TIME 10:50 to 11:30 ROD NO 1713A

NOTES CHKD LLB DATE

T-54°

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 G.E. DREIER WEATHER SUNNY INST. NO. 86716

NOTES BY SIEMANN DATE 3-20-72 TIME 10:30 TO 10:50 ROD NO. 1713AB

INDEXED C. J. GALLI DATE 10 72 NOTES CHKD RAB DATE

F.B. 4123 PG. 121

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 126-34A TO B.M. 126-35
B.M. 126-34A									B.M. 126-34 A
1	54	948	355 5	79 29 50	294	801	595 5	1294 268 52	L.&T. IN N. LEG OF TOWER # 191-2
									SEE F.B. 3425-55
2	270	469	571 5	288 252 36	67	401	368 5	85 49 36	
				86				88	
3	291	970	592 5	1291 258 66	175	575	476 5	209 141 68	π = MALDONADO
				152				156	
4	63	393	364 5	96 30 66	217	403	518 5	249 185 64	
				218				220	
5	242	486	543 5	275 209 66	178	678	479 5	209 147 62	
				284				282	
B.M. 126-35								284	B.M. 126-35 (LLANO BASE CH. PT. 8)
	933	266			933	858		566	NEAR TOWER # 190-5
					933	266			SEE F.B. 3425-23,24
				-	10	592			

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 126-35 TO B.M. 126-34A
B.M. 126-35													B.M. 126-35 (LLANO BASE CH. PT. 8,
1	189	230	490	5	218 160	58	251	878	552	5	281 221	60	NEAR TOWER # 190-5
													SEE F.B. 3425-23, 24
2	197	982	498	5	229 165	64	67	678	368	5	99 35	64	
						122						124	
3	199	493	500	5	233 165	68	253	982	554	5	286 220	66	
						190						190	π = MALDONADO
4	40	383	341	5	61 19	42	175	720	476	5	196 154	42	
						232						232	
5	184	218	485	5	211 157	54	51	328	352	5	77 25	52	
						286						284	
B.M. 126-34A												286	B.M. 126-34A
	811	306					800	586				570	N. LEG OF TOWER 191-2
	~~800~~	~~586~~											SEE F.B. 3425-55
	+10	720											

F.B. 4123 PG. 122 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 3-27-72

INDEXED C. J. GALLI DATE

WEATHER SUNNY, WINDY INST. NO. 96716

TIME 10:15 TO 10:30 ROD NO. 1713A6B

NOTES CHKD RHB DATE

T = 54°

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

F.B. 4123 PG. 123

SURVEY BY G. E. Dreier WEATHER Sunny & Br. INST. NO. 96716

NOTES BY [redacted] SIEMANN DATE [redacted] 3-20-72 TIME 10:50 TO 10:55 ROD. NO. 1713A&B

INDEXED C. J. GALLI DATE APR 10 '72 NOTES CHKD RGB 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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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 BM126-35 TO BM126-36
BM126-35									BM126-35 (LLANO BASE CH. PT. 8
									[redacted] "near TOWER # 190-5
1	206	560	507 5	208 204 4	133	268	434 5	135 131 4	SEE F.B. 3425-23, 24
									T = MALDONADO
B.M.126-36	133	268							4 B.M.126-36 (LLANO BASE CH. PT. 8
	+ 73	292							8 (R.M. #1) NEAR TOWER # 190-5
									SEE F.B. 3425-23, 24

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

F.B. 4123 Pg. 124 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMAND 3-24-72

INDEXED D. J. GALLI DATE

WEATHER SUNNY INST. NO. 96716

TIME 2:17 TO 2:20 ROD NO. 4713A2

NOTES CHKD RHB DATE

T = 82°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 126-36 TO B.M. 126-35
B.M. 126-36									B.M. 126-36 (LLANO BASE CH. PT. 8 R.M. # 1) NEAR TOWER # 190-5 SEE F.B. 3425-23,24
1	136	423	427.5	138 134 4	209	723	510 5	211 207 4	T = MALDONADO
					136	423			
B.M. 126-35								4	B.M. 126-35 (LLANO BASE CH. PT. 8
					-	73300		8	~~SEE F.B. TOWER # 190-5~~ SEE F.B. 3425-23,24

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						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM126-36 TO BM126-37
BM 126-36													BM 126-36 (LLANO BASE CH. PT. 8 RM. 1)
													NEAR TOWER # 190-5
1	121	952	422	5	125 117	8	107	419	408	5	111 103	8	SEE F.B. 3425-23,24
	107	419										8	~~π = MALDONADO~~
B.M. 126-37													B.M. 126-37 (LLANO BASE CH. PT. 8 RM. 2)
+	14	533										16	NEAR TOWER # 190-5
													SEE F.B. 3425-23,24

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

SURVEY BY G.E. Dreier

NOTES BY ~~Maldonado~~ SIEMANN DATE 3-20-72

INDEXED C. J. GALLI DATE APR 10 72

WEATHER SUNNY

TIME 10:55 TO 11:00

NOTES CHKD PAB DATE

INST. NO. 96716

ROD NO. 1713A&B

T = 76°

F.B. 4123 PG. 125

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 126-37 TO B.M. 126-36
B.M. 126-37									B.M. 126-37 (LLANO BASE CH. PT.
									8, R.M. #2) NEAR TOWER #190-5
1	109	991	410 5	113 105 8	124	518	425 5	128 120 8	SEE F.B. 3425-23, 24
									~~T = MALDONADO~~
					109	991			
B.M. 126-36								8	B.M. 126-36 (LLANO BASE CH. PT. 8,
				-	14	527		16	R.M. #1) NEAR TOWER #190-5
									SEE F.B. 3425-23, 24

F.B. 4123 PG. 126 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 3-24-72

INDEXED C. J. GALLI DATE

T = 82°

WEATHER SUNNY INST. NO. 96716

TIME 2:15 TO 2:17 ROD NO. 1713AB

NOTES CHKD RGB 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 76 0
SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO 26716
NOTES BY S.E. MANN DATE 3-20-72 TIME 11:00 TO 11:25 ROD NO 11348
INDEXED G.J. GALLI DATE APR 10 72 NOTES CHKD ZBB DATE
F.B. 4123 Pg. 127

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 126-37 TO B.M. 126-38
B.M. 126-37									B.M. 126-37 (LLANO BASE CH. PT. 8
1	73	263	374	5 / 90 56 34	188	082	489	5 / 206 170 36	R.M. # 2) ~~LLAN~~ TOWER # 190-5
									SEE F.B. 3425-23,24
2	15894	316	5	47 15 64	152	787	453	5 / 183 121 62	
				98				98	
3	288048	589	5	288 254 68	103	789	404	5 / 137 69 68	
				166				166	
4	195440	496	5	227 163 64	54201	355	5	85 23 62	
				230				228	
5	239121	540	5	271 207 64	131	341	432	5 / 163 99 64	T = MALDONADO
				294				292	
6	176239	477	5	206 146 60	147	427	448	5 / 176 118 58	
				354				350	
7	158893	459	5	174 142 32	136	261	437	5 / 155 117 38	
8			5	386 /				5 / 388	/
								386	
B.M. 126-38									B.M. 126-38 (LLANO ~~BASE CH. PT. 1-9~~)
	146898 /				913888 /			774	NEAR TOWER # 190-2
	913888								SEE F.B. 3425-25,26
	+233010 /								

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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. 4123 Pg. 128 JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 3-24-22

INDEXED C.J. GALLI DATE

WEATHER SUNNY INST. NO 86716

TIME 1:50 TO 2:15 ROD NO 21348

NOTES CHKD R.G.B. DATE

T = 82°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ~~B.M.126-38~~ TO B.M.126-37
B.M.126-38									B.M. 126-38 (LLANO ~~BASE~~ L-9)
1	132	380	433	5 163 101 62	159	530	460	5 191 127 64	NEAR TOWER # 190-2
2	128	491	429	5 157 99 58 120	165	622	466	5 195 135 60 124	SEE F.B. 3425-25, 26
3	71	269	372	5 100 42 58 178	241	677	542	5 269 213 56 180	
4	103	114	404	5 132 74 58 236	211	350	572	5 240 182 58 238	A = MALDONADO
5	92	102	393	5 121 63 58 294	267	579	568	5 296 238 58 296	
6	210	493	511	5 236 184 52 346	39	153	340	5 66 12 54 350	
7	181	114	482	5 196 165 31 377	67	187	368	5 85 49 36 386	
B.M.126-37								377	B.M. 126-37 (LLANO BASE C.H. P7. 8 R.M. # 2) NEAR TOWER # 190-5
	918963				152098			765	SEE F.B. 3425-23, 24.
					918963				
					- 233135				

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= 78°
SURVEY BY G.E. DREIER WEATHER Sunny INST. NO 76716
NOTES BY SIEMANN DATE 3-20-72 TIME 12:11:30 ROD NO 1713 #2
INDEXED L. J. GALLI DATE APR 10 '72 NOTES CHKD RGB DATE
F.B. 4123 Pg 129

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	
									FROM B.M. 126-38 TO B.M. 126-39
B.M. 126-38									B.M. 126-38 (LLANO BASE CH. RT. 9)
1	193	701	494	5 196 190 6	141	911	442	5 144 139 6	NEAR TOWER # 190-2
									SEE F.B. 3425-25,26
	141	911							T=
B.M. 126-39									
+	51	790							6 B.M. 126-39 (LLANO BASE CH. RT. 9
									12 R.M. # 1) NEAR TOWER 190-2
									SEE F.B. 3425-25,26

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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
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 126-39 TO B.M. 126-38
B.M. 126-39													B.M. 126-39 (LLANO L-9) RM. # 1
													NEAR TOWER # 190-2
1	142	172	443	5	145 139	6	193	988	494	5	196 190	6	SEE F.B. 3425-25,26
													π = MALDONADO
B.M. 126-38							142	172				6	B.M. 126-38 (LLANO L-9)
							51	816	1			12	NEAR TOWER # 190-2
													SEE F.B. 3425-25,26

F.B. 4123 PG. 130 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DEELER NOTES SIEMANN 3-24-72

INDEXED C. J. GALLI DATE

T = 82°

WEATHER SUNNY INST. NO. 9671

TIME 1:45 TO 1:46 ROD NO. 1713A

NOTES CHKD RGB DATE

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T=78°

F.B. 4123 PG. 131

SURVEY BY _____ WEATHER SUNNY INST. NO. 96716

NOTES BY _____ DATE 3-20-72 TIME 11:30 TO 11:35 ROD NO. 1713AB

INDEXED C. J. GALLI DATE APR 10 72 NOTES CHKD RGB 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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 126-39 TO B.M. 126-40
B.M. 126-39									B.M. 126-39 (LLANO ~~BASE CH. PT. 9~~ L-9
									R.M. #1) NEAR TOWER # 190-2
1	129	689	430 5	133 123 12	93	776	394 5	100 86 14	SEE F.B. 3425-25, 26
									T = MAL
	93	776							
B.M. 126-40								12	B.M. 126-40 (LLANO ~~BASE CH. PT. 9~~ L-9
+	35	913						26	R.M. #3) NEAR TOWER # 190-2
									SEE F.B. 3425-25, 26

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.

F.B. 4123 Pg. 132 JOB NO 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DEELER NOTES SIEMANN 3-24-72

INDEXED C. J. GALLI DATE

WEATHER SUNNY T 82° INST. NO 26716

TIME 7:42 TO 1:45 ROD NO 17134

NOTES CHKD RGB DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 126-40 TO B.M. 126-39
B.M. 126-40									B.M. 126-40 (ELLANO L-9 RM. #3)
									NEAR TOWER # 190-2
1	94	584	395	5 101 87 14	130	519	431	5 136 124 12	SEE F.B. 3425-25, 26
									T = MALDONADO
					94	584			
B.M. 126-39								14	B.M. 126-39 (ELLANO L-9 RM. #1)
				-	359	351		26	NEAR TOWER # 190-2
									SEE F.B. 3425-25, 26

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	
B.M.126-40									FROM B.M.126-40 TO B.M.126-41
									B.M.126-40 (LLANO BASE CH. PT. 9 L=9
1	143	681	444	5 148 138 10	150	352	451	5 155 145 10	R.M. #3) NEAR TOWER #190-2
									SEE F.B. 3425-25,26
									T = MALDONADO
					143	681			
B.M.126-41								10	B.M.126-41 (LLANO BASE CH. PT. 7 L=7
				-	6	671		20	R.M. #4) NEAR TOWER #190-2
									SEE F.B. 3425-25,26

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 78°
F.B. 4128 Pg. 153
SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO 96716
NOTES BY SIEMANN DATE 3-20-72 TIME 11:35 TO 11:32 ROD NO 1713 AND
INDEXED D.J. GALLI DATE APR 10 72 NOTES CHKD CG 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 B.M. 126-41 TO B.M. 126-40
B.M. 126-41													B.M. 126-41 (LLANO L-9 R.M. # 4)
													NEAR TOWER # 190-2
1	153	902	454	5	158 / 148	10	147	240	448	5	152 / 142	10	SEE F.B 3425-25, 26
													π = MALDONADO
	147	240											
B.M. 126-40												10	B.M. 126-40 (LLANO L-9 R.M. # 3)
	+ 6	662										20	NEAR TOWER 190-2
													SEE F.B. 3425-25, 26

T = 82°

WEATHER SUNNY INST. NO. 96716

TIME 1:40 TO 1:43 ROD NO. 1713AB

NOTES CHKD KHB DATE

F.B. 4123 PG. 134 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 3-24-72

INDEXED C. 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.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 3-20-72

INDEXED C. J. GALLI DATE APR 10 72

WEATHER Sunny & Calm INST. NO. 96716

TIME 11:45 to 1:40 ROD NO. 1713 A&B

NOTES CHKD RGB DATE

F.B. 4123 PG. 135

T-78°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM126-41 TO BM126-42
BM126-41				89				261	BM126-41 (LLANO ~~BASE Ch. Pt. #9~~ 2-9
1	58	941	359 5	27 62	229	491	530 5	197 64	RM #4) Ave "V" near D.W.P. Tower #190-2
				159				306	see F.B. 3425-25,26
2	118	232	419 5	77 82	265	028	566 5	224 82	
				43½ 144				266 146	T-Siemann
3	9	154	310 5	9½ 68	233	678	534 5	200 66	
				121 212				283½ 212	
4	88	570	389 5	55 66	283	600	584 5	249½ 68	
				256 278				165 280	
5	226	780	527 5	196 60	136	051	437 5	107 58	T.P. 189-6
				239 338				116 338	
6	210	411	511 5	181 58	86	730	387 5	56 60	
				244 396		061		131 398	
7	209	568	510 5	174 70	96	~~210~~	397 5	61 70	
				279 466				114 468	
~~8~~	~~244~~	~~470~~	~~545 5~~	~~209 70~~	~~81~~	~~111~~	~~382 5~~	~~48 66~~	
				280 536				164 534	
9	245	581	546 5	210 70	129	061	430 5	94 70	
				258 606				136 604	
10	223	471	524 5	188 70	100	226	401 5	64 72	
				239 676				223 676	
11	211	482	512 5	183 56	195	011	496 5	167 56	
				732				732	
								732	
	1846	660			1836	048		1464	
	1836	048							
BM126-42	+10	612							BM126-42 (LLANO BASE Ch. Pt. #9)
									Ave. "V" near D.W.P. Tower #189-3
									see F.B. 3425-27,28

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 BM126-42 TO BM126-41
BM126-42									BM126-42 (LLANO BASE Ch. Pt. 9,
1	184	759	485 5	220 148 72	231	796	532 5	269 193 76	Ave. "V" near D.W.P. Tower # 189-3
									See F.B. 3425-27, 28
2	99	862	400 5	134 64 70	211	590	512 5	247 175 72	
				142				148	
3	117	999	418 5	152 82 70	261	141	562 5	293 229 64	
				212				212	
4	122	296	423 5	141 103 38	202	730	503 5	221 183 38	R. SIEMANN
				250				250	
5	118	730	419 5	148 88 60	229	700	530 5	259 199 60	
				310				310	
6	84	619	385 5	116 52 64	202	761	503 5	236 168 68	
				374				378	
7	94	699	395 5	124 64 60	241	515	542 5	272 210 62	
				434				440	
8	231	419	532 5	260 202 58	88	220	389 5	115 61 54	
				492				494	
9	222	251	523 5	252 192 60	86	550	387 5	116 56 60	
				552				554	
10	290	018	591 5	290 1/2 260 60	67	000	368 5	96 38 58	
				612				612	
11	204	090	505 5	236 172 64	118	780	419 5	149 87 62	
				676				674	
12	223	649	524 5	251 195 56	63	878	364 5	92 34 58	
				732				732	
								732	
	1994	391			2005	661		1464	
					1994	391			BM126-41 (LLANO BASE L-9 R.M. #4
					11	270			Ave. "V", near D.W.P. Tower # 190-2
BM126-41									See F.B. 3425-25, 26

F.B. 4123 PG. 136 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 3-24-72

INDEXED C. J. GALLI DATE

WEATHER CLEAR-BREEZE INST. NO. 96716

TIME 11:40 TO 1:40 ROD NO. 1713 ME

NOTES CHKD RGB 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-78°

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 4-4-72 WEATHER Overcast & Windy INST. NO. 96713

INDEXED C. J. GALLI DATE APR 10 72 TIME 11:30 to 12:20 ROD NO. 1713A&B

NOTES CHKD RGB DATE

F.B. 4123 PG. 137

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM126-41 TO BM126-42
BM126-41									BM126-41 (LLANO BASE 1-9, R.M. #4)
1	28	183	529 5	71, 28½ 86	230	274	531 5	273 187 86	Ave "V" near D.W.P. Tower #190-2
2	86	882	387 5	136 36 100	87	282	388 5	137 37 100	See F.B. 2435-25, 26
3	125	919	426 5	154 96 186 58	236	062	537 5	265 207 186 58	π-Siemann
4	18	462	319 5	48, 18½ 244 60	241	904	542 5	270 212 244 58	Re-Run
5	63	933	364 5	114 12 304 102	247	310	548 5	298 196 302 102	
6	234	950	535 5	269 198 406 70	86	939	387 5	120 52 404 68	
7	242	786	543 5	287 197 476 90	75	786	376 5	120 30 472 90	
~~8~~	~~261~~	~~779~~	~~562 5~~	~~261, 211½ 566 100~~	~~19~~	~~640~~	~~320 5~~	~~69, 19½ 562 100~~	
9	191	862	492 5	242 140 666 102	42	261	343 5	96, 42½ 662 108	
10	212	028	513 5	243 181 768 62	188	511	489 5	219 157 770 62	
				830				832	
	4							830	
	1366	784			1455	969		1662	
	1455	969							
	+10	815							
BM126-42									BM126-42 (LLANO BASE Ch. Pt. #9)
									Ave "V" near D.W.P. Tower #189-3
									See F.B. 3425-27, 28

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 BM126-42 TO BM126-41
BM126-42				196				297	BM126-42 (LLANO BASE Ch. Pt. #9)
1	143	859	444 5	90 106	244	888	545 5	191 106	Ave. "V", near D.W.P. Tower #189-3
				143				276½	See F.B. 3425-27, 28
2	93	842	394 5	43 100	276	199	577 5	226½ 100	
				60½ 206				262 206	
3	10	530	311 5	10½ 100	21~~4~~3	972	574 5	164 98	T-Siemann
				116 306				305 304	
4	66	760	367 5	16 100	254	737	555 5	203 102	Re-Run
				1~~7~~3 406				175 406	
5	87	341	388 5	61 52	148	150	449 5	121 54	
				292 458				115 460	
6	264	520	565 5	236 56	86	248	387 5	57 58	
				240 514				67 518	
7	209	068	510 5	178 62	37	282	338 5	7 60	
				304 576				136 578	
8	276	255	577 5	248 56	108	552	409 5	80 56	
				268 632				61½ 634	
9	218	519	519 5	168 100	11	271	312 5	11½ 100	
				732				734	
								732	
	1370	694			1381	299		1466	
					1370	694			
					10	605			
BM126-41									BM126-41 (LLANO BASE L-9, R.M. #4) Ave. "V", near D.W.P. Tower #190-2 See F.B. 2435-25, 26

F.B. 4123 PG. 138 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-4-72

INDEXED C. J. GALLI DATE

WEATHER Overcast & Windy INST. NO. 96716

TIME 1:30 to 2:05 ROD NO. 1713A

NOTES CHKD RGB DATE

T-78°

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 126-42 TO BM 126-43
BM126-42					221						152		BM 126-42 (LLANO BASE Ch. Pf #9)
1	219	822	520	5	217	4	150	647	451	5	148	4	Ave. "V", near D.W.P. Tower # 189-3
	150	647										4	See F.B 3425-27, 28
	+69	175										8	
													K. Siemann
BM126-43													BM 126-43 (LLANO BASE Ch. Pf #9 RM #1)
													Ave. "V", near D.W.P. Tower # 189-3
													See F.B 3425-27, 28

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

SURVEY BY G.E. Dreier

NOTES BY [illegible] DATE 3-20-72

INDEXED C. J. GALLI DATE APR 10 72

WEATHER Sunny & Br. T-80°

TIME 1:40 to 1:45

NOTES CHKD RHB

INST. NO. 96716

ROD NO. 1713A&B

DATE

F.B. 4123 Pg. 139

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 126-43 TO BM 126-42
BM 126-43								222	BM 126-43 (LLANO BASE Ch. Pt. 9 RM. 1)
1	151	227	452 5	153 149 4	220	420	521 5	218 ~~521~~ 4	Ave. "V" near D.W.P. Tower # 189-3
					151	227		4	See F.B. 3425-27, 28
								8	
					-69	193			⊼ R. SIEMANN
BM 126-42									BM 126-42 (LLANO BASE Ch. Pt. 9)
									Ave. "V" near D.W.P. Tower # 189-3
									See F.B. 3425-27, 28

T = 80°

WEATHER CLEAR INST. NO. 96716

TIME 11:37 TO 11:40 ROD NO. 713A&B

NOTES CHKD RGB DATE

F.B. 4123 PG. 140 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES DREIER 3-24-72

INDEXED C. 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-30°

SURVEY BY G.E. Dreier WEATHER Sunny INST. NO. 96716

NOTES BY Maldonado DATE 3-20-72 TIME 1:45 to 1:50 ROD NO. 1713A&B

INDEXED C. J. GALLI DATE APR 10 72 NOTES CHKD RGB DATE

F.B. 4123 PG. 141

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 126-43 TO BM 126-44
BM 126-43					135						103		BM 126-43 (LLANO BASE Ch. Pt. #9, RM #1)
1	131	931	432	5	127	8	99	389	400	5	95	8	Ave. "V" near D.W.P. Tower #189-3
	99	389										8	See F.B. 3425-27, 28
	+32	542										16	T. Siemann
BM 126-44													BM 126-44 (LLANO BASE Ch. Pt. #9, RM #2)
													Ave. "V" near D.W.P. Tower #189-3
													See F.B. 3425-27, 28

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 BM126-44 TO BM126-43
BM126-44									BM126-44 (LLANO BASE Ch. Pt. #9, R.M. #2
1	98	410	399 5	102 94 8	130	927	431 5	134 126 8	Ave. "V," near D.W.P. Tower #189-3
					98	410		8	See F.B. 3425-27, 28
					-32	517		16	
BM126-43									BM126-43 (LLANO BASE Ch. Pt. #9, R.M. #1
									Ave. "V," near D.W.P. Tower #189-3
									See F.B. 3425-27, 28
									R. SIEMANN

T-79°

WEATHER CLEAR-BK INST. NO. 96716

TIME 11:30 TO 11:35 ROD NO. 1713A#2

NOTES CHKD RGB DATE

F.B. 4123 PG. 142 JOB NO. 0301.02

SURVEY OF LACo Precise Level Net

SURVEY BY Dreier NOTES DREIER 3-24-72

INDEXED C. 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-80'

SURVEY BY G.E. Dreier WEATHER Sunny & Br. INST. NO. 96716

NOTES BY Maldonado DATE 3-20-72 TIME 1:50 to ROD NO. 1713 & AB

INDEXED C. J. GALLI DATE APR. 10 72 NOTES CHKD RGB DATE

F.B. 4123 Pg. 143

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM126-44 TO BM126-45
BM126-44				174				157	BM126-44 (LLANO BASE Ch. Pt. #9, BM 2)
1	138	632	439 5	102 72	119	450	420 5	81 76	Ave. "V," near D.W.P. Tower # 189-3
				209				111	See F.B. 3425-27, 28
2	173	858	474 5	137 72	75	081	376 5	39 72	
				254 144				176 148	π-Siemann
3	218	110	519 5	182 72	141	809	442 5	106 70	
				272 216				158 218	
4	237	220	538 5	202 70	122	468	423 5	86 72	
				248 286				174 290	
5	213	300	514 5	178 70	139	369	440 5	104 70	
				225 356				216 360	
6	190	560	491 5	155 70	181	358	482 5	146 70	
	255	134	556	290 426				158 430	
7	~~181~~	~~358~~	~~482~~ 5	220 70	125	091	426 5	92 66	
				189 496				159 496	
8	154	449	455 5	119 70	124	000	425 5	89 70	
				217 566				288 566	
9	182	150	483 5	147 70	254	461	555 5	220 68	
				262 636				194 634	
10	232	671	533 5	202 60	165	070	466 5	136 58	
				218 696				170 692	
11	202	899	503 5	186 32	153	310	454 5	136 46	
				728				738	
								728	
	2198	983			1601	467		1466	BM126-45 (LLANO BASE Ch. Pt. #10)
BM126-45	1601	467							Ave. "V," near D.W.P. Tower # 188-3
	+597	516							See F.B. 3425-29, 30

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM126-45 TO BM126-44
BM126-45									BM126-45 (LLANO BASE Ch. Pt #10)
1	122	165	423.5	158 86 72	197	692	498.5	233 161 72	Ave. "V", near D.W.P. Tower #188-3
									See F.B. 3425 - 29,30
2	156	271	457.5	192 120 72	153	060	454.5	189 117 72	
				144				144	
3	207	185	508.5	243 171 72	228	512	529.5	265 191 74	
				216				218	
4	155	891	456.5	192 118 74	256	200	557.5	292 220 72	⊼ R. SIEMANN
				290				290	
5	170	232	471.5	204 136 68	191	135	492.5	228 154 74	
				358				364	
6	147	039	448.5	181 113 68	209	610	510.5	242 176 66	
				426				430	
7	111	820	412.5	144 78 66	217	306	518.5	252 182 70	
				492				500	
8	113	428	414.5	149 77 72	209	821	510.5	246 172 74	
				564				574	
9	116	450	417.5	150 82 68	198	290	499.5	232 164 68	
				632				642	
10	132	752	433.5	160 104 56	190	072	491.5	212 168 44	
				688				686	
11	152	071	453.5	172 132 40	131	391	432.5	152 110 42	
				728				728	
BM126-44								728	
	158.5	304			2183	089		1456	BM126-44 (LLANO BASE Ch. Pt #9, R.M. #2)
					1585	304			Ave. "V", near D.W.P. #189-3
					597	785			See F.B. 3425 - 27,28

T- 76°

WEATHER CLEAR - BR. INST. NO. 96710

TIME 10:54 TO 11:30 ROD NO. 1713A

NOTES CHKD RHB DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES DREIER 3-24-72

INDEXED C. J. GALLI DATE

F.B. 4123 PG. 144

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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM126-45 TO BM126-46
BM126-45					220						165		BM126-45 (LLANO BASE Ch. Pt. #10, R
1	218	200	519	5	216	4	163	785	464	5	161	4	Ave "V", near D.W.P. Tower #188-3
	163	785										4	See F.B. 3425-29, 30
	154	415										8	
BM126-46													BM126-46 (LLANO BASE Ch. Pt. 10, RM 1"
													Ave. V, near D.W.P. Tower #188-3
													See F.B. 3425-29, 30

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 3-20-72

INDEXED C. J. GALLI DATE APR 10 72

WEATHER Sunny

TIME 2:30 to 2:35

NOTES CHKD RHB DATE

INST. NO. 96716

ROD NO. 1713A&B

F.B. 4123 PG. 115

T-80°

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM126-46 TO BM126-45
BM126-46									BM126-46 (LLANO Base Ch. Pt. 10 RM#1)
1	164	190	465 5	166 162 4	218	592	519 5	220 216 4	Ave. "V" near D.W.P. Tower #188-3
					164	190		4	See F.B. 3425-29,30
								8	
					-54	402			
BM126-45									BM126-45 (LLANO Base Ch. Pt. #10)
									Ave. "V", near D.W.P. Tower #188-3
									See F.B. 3425-29,30

T- 75°

WEATHER CLEAR-BR. INST. NO. 96716

TIME 10:50 ROD NO. 1713A&B

NOTES CHKD RHB DATE

F.B. 4123 PG. 146 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES DREIER 3-24-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM126-46 TO BM126-47
BM126-46					151						115		BM126-46 (LLANO BASE Ch. Pt. #10, RM #1
	147	820	448	5	143	8	111	673	412	5	107	8	Ave "V" near D.W.P. Tower #188-3
	111	673										8	See F.B. 3425-29,30
	+36	147										16	K. Siemann
BM126-47													BM126-47 (LLANO BASE Ch. Pt. #10, R.M. #2)
													Ave "V" near D.W.P. Tower #188-3
													See F.B. 3425-29,30

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

SURVEY BY G.E. Dreier WEATHER Sunny & Br. INST. NO. 96716

NOTES BY Maldonado DATE 3-20-72 TIME 2:35 to 2:40 ROD NO. 713A&B

INDEXED C. J. GALLI DATE APR 10 72 NOTES CHKD RGB DATE

F.B. 4123 PG. 147

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM126-47 TO BM126-46
B.M. 126-47									BM 126-47 (LLANO BASE Ch. Pt. #10, RM2
1	104	016	405 5	107 101 6	140	187	441 5	144 136 8	Ave. "V" near D.W.P. Tower #188-3
					104	016		6	See F.B. 3425 - 29, 30
					-36	171		14	J. MALDONADO
BM126-46									BM 126-46 (LLANO BASE Ch. Pt. #10, RM. 1
									Ave. "V", near D.W.P. Tower #188-3
									See F.B. 3425 - 29, 30

T-75°

F.B. 4123 PG. 148 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES DREIER 3-24-72

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 10:45 TO 10:50 ROD NO. 1713 AB

NOTES CHKD RHD DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 3-21-72

INDEXED C. J. GALLI DATE APR 10 72

WEATHER SUNNY INST. NO 96716

TIME 10:25 TO 10:55 ROD NO 1713 AB

NOTES CHKD RGB DATE

T = 78°

F.B. 4123 PG. 149

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM.126-47 TO BM.126-48
B.M.126									B.M.126-47 (LLANO BASE CH.PT.10
1	142	748	443 5	172 112 60	142	981	443 5	172 112 60	R.M. #2) NEAR TOWER 188-3
									SEE F.B. 3425-29,30
2	151	739	452 5	180 122 58	134	370	435 5	163 105 58	
				118				118	
3	187	772	486 5	218 156 62	162	846	463 5	193 131 62	
				180				180	
4	273	523	574 5	304 241 63	160	332	461 5	191 129 62	
				243				242	π = MALDONADO
5	150	070	451 5	181 119 62	140	583	441 5	169 110 59	
				305				301	
6	162	571	463 5	190 134 56	74	598	375 5	103 45 58	
				361				359	
7	171	722	472 5	201 141 60	147	181	448 5	176 118 58	
				421				417	
8	224	073	525 5	257 191 66	173	023	474 5	210 136 74	
				487				491	
B.M.126-48								487	B.M.126-48 (BLACK BUTTE E-9)
	1464218				~~1085~~ 1135	914		978	NEAR TOWER 187-6
	~~1085914~~								SEE F.B. ~~3425~~ 943-9,10,76
	~~+378304~~								
	~~1135914~~								
	+328904								

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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. 126-48 TO B.M. 126-47
B.M. 126-48									B.M. 126-48 (BLACKBUTTE E-9)
1	180	723	481 5	208 152 56	199	502	500 5	229 169 60	NEAR TOWER 187-6
2	100	544	401 5	133 67 66	135	177	436 5	167 103 64	SEE F.B. 943-9, 10, 76
3	70	153	371 5	101 39 122 62	180	411	481 5	210 150 124 60	⊼ MALDONADO
4	145	339	446 5	176 114 184 62	152	898	453 5	182 122 184 60	
5	162	439	463 5	193 131 246 62	237	701	538 5	268 206 244 62	
6	127	449	428 5	159 95 308 64	181	680	482 5	211 151 306 60	
7	124	489	425 5	153 95 372 58	151	146	452 5	184 118 366 66	
8	138	260	439 5	167 109 430 58	139	403	440 5	167 109 432 58	
~~9~~				488				490	
	1049	396			1377	918		488 978	
B.M. 126-47					1049	396			B.M. 126-47 (LLANO BASE CH. PT. 10 R.M. 2)
					328	522			WEST OF TOWER NO. 188-3
									SEE F.B. 3425-29, 30

F.B. 4123 PG. 150

JOB NO. 0301.02

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

SURVEY BY DREIER NOTES DREIER 3-24-72

INDEXED C. J. GALLI DATE

WEATHER CLEAR TIME 10:15 NOTES CHKD RHB

INST. NO. 96716 ROD NO. 1713AA DATE

T = 75°

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 80°
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO 96716
NOTES BY E.F. MANN DATE 4-5-72 TIME 2:15 TO 2:40 ROD NO 17348
INDEXED C.J. GALLI DATE APR 10 72 NOTES CHKD [illegible] DATE
F.B. 4123 PG. 151

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	
									FROM B.M. 126-47 TO B.M. 126-48
B.M. 126-47									B.M. 126-47 (LLANO BASE CH. PT. 10
1	1468	69	4475	187 105 82	1419	73	4425	183 99 84	R.M. 2) NEAR TOWER 188-3
									SEE F.B. 3425-29, 30
2	1855	62	4865	239 131 108	725	82	3735	125 19 106	
				190				190	
3	1896	44	4905	244 134 110	1422	16	4435	196 86 112	T = MALDONADO
				300				302	
4	2175	42	5185	273 161 112	1397	39	4405	194 84 100	RE RUN
				412				412	
5	2547	62	5555	293 215 78	1699	49	4705	208 130 78	
				490				490	
B.M. 126-48								490	B.M. 126-48 (BLACK BUTTE E-9) (LLANO BASE CH. PT.)
	9943	79			6663	59		980	NEAR TOWER 187-6
	6663	59							SEE F.B. 943-9, 10, 11
+	3280	20							

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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. 126-48 TO B.M. 126-47
B.M. 126-48													B.M. 126-48 (E. BASE BLACK BUTTE E-9)
1	172	829	473	5	208 136	72	234	867	535	5	270 198	72	W. OF TOWER NO. 187-6
													SEE F.B. 943-9,10,76
2	164	484	465	5	197 131	66	204	187	505	5	236 172	64	
						138						136	
3	98	152	399	5	133 63	70	170	892	471	5	208 135	70	RERUN
						208						206	J. MALDONADO
4	162	332	463	5	196 128	68	151	542	452	5	186 116	70	
						276						276	
5	45	454	346	5	78 12	66	157	740	458	5	190 124	66	
						342						342	
6	120	121	421	5	152 88	64	175	022	476	5	207 143	64	
						406						406	
7	147	737	448	5	168 126	42	148	271	449	5	169 127	42	
						448						448	
8	133	241	434	5	154 112	42	130	287	431	5	151 109	42	
						490						490	
B.M. 126-47								0				490	B.M. 126-47 (LLANO BASE CH. PT. #10 R.M. 2)
	1044	350					1372	898				980	WEST OF TOWER NO. 188-3
							1044	350					SEE F.B. 3425-29,30
							328	448 5					

72°

WEATHER WINDY CLEAR INST. NO. 86716

TIME 1:00 ROD NO. 71314

NOTES CHKD RHB DATE

F.B. 4123 PG. 152 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-6-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 70°
SURVEY BY G.E. DREIER WEATHER WINDY CLEAR
NOTES BY G.E. DREIER DATE 4-6-72 TIME 1140 INST. NO 46716
INDEXED E. J. GALLI DATE APR 10 72 NOTES CHKD. R.G.B. DATE ROD NO 1734-B
F.B. 4123 Pg. 153

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA			RIGHT	MIC.	LEFT.	STADIA			FROM B.M.126-47 TO B.M.126-48
B.M.126-47													B.M.126-47 (U.S.C.&G.S. BASE CH. FT. 10, R.M.2
1	145	672	446	5	172 118	54	133	612	434	5	159 107	52	WEST OF TOWER NO 188-3
													SEE F.B. 3425-29, 30
2	141	429	442	5	172 110	62	132	191	433	5	162 102	60	
3	184	367	485	5	214 154	116 60	126	437	427	5	157 95	112 62	
4	236	686	537	5	267 205	176 62	149	750	450	5	180 118	174 62	2nd RERUN
													T. J. MALDONADO
5	147	012	448	5	178 116	238 62	137	826	438	5	171 103	236 68	
6	161	066	462	5	192 130	300 62	72	060	373	5	103 41	304 62	
7	160	362	461	5	192 128	362 64	120	451	421	5	152 88	366 64	
							872	327					
8	198	168	499	5	230 166	426 64	174	282	475	5	205 143	430 62	
						490						492	
B.M.126-48												490	B.M.126-48 (U.S.C.&G.S. BASE) (BLACK BUTTE E-9)
	1374	762					1046	609				982	W. OF TOWER # 187-6
	1046	609											SEE F.B. 943-9, 10, 76
	+328	153											

PLEASE RETURN TO

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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. 126-48 TO B.M. 126-47
B.M. 126-48									B.M. 126-48 (LLANO E. BASE
1	173	757	474 5	206 140 66	197	572	498 5	228 166 62	W. OF TOWER # 187-6
2	121	848	422 5	153 89 64	165	272	466 5	198 132 66	SEE F.B. 493-9, 10, 76
3	74	538	325 5	107 41 66 130	163	095	464 5	195 131 64 128	
4	137	135	438 5	169 105 64 196	141	118	442 5	173 109 64 192	
5	135	537	436 5	166 104 62 260	189	305	490 5	221 157 64 256	2nd KE RUN
6	82	592	383 5	113 51 62 322	174	611	475 5	206 142 64 320	T J. MALDONADO
7	133	583	434 5	162 104 58 384	145	032	446 5	173 117 56 384	
8			427 5	149 103 46 442	137	230	438 5	162 112 50 440	
	126	117		488				490	
B.M. 126-47								488	B.M. 126-47 (LLANO BASE CK. PT. #10, R.M.R. 2)
	985	107			1313	235		978	W. OF TOWER NO. 188-3
					985	107			SEE F.B. 3425-29, 30
					-328	128			

F.B. 4123 PG. 154

JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-6-72

INDEXED R. J. GALLI DATE

WEATHER WINDY CLEAR INST. NO. 96716

TIME 2:15 TO ROD NO. 173A-B

NOTES CHKD RGB DATE

71°

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 78°

F.B. 4123 PG. 155

SURVEY BY G.E. DREIER

WEATHER SUNNY

INST. NO. 96716

NOTES BY SIEMANN DATE 3-21-71

TIME 10:55 TO 11:00

ROD NO. 1713AB

INDEXED C. J. GALLI DATE APR 10 '72

NOTES CHKD RGB DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 126-48 TO B.M. 126-49
B.M. 126-48									B.M. 126-48 (BLACK BUTTE E-9)
1	190	667	491 5	193 187 6	169	631	470 5	172 166 6	~~R.M. 1~~ NEAR TOWER 187-6
									SEE F.B. 943-9,10
	169	631							π - MALDONADO
B.M. 126-49									B.M. 126-49 (BLACK BUTTE E-9
+	21	036						6 12	R.M. 2) NEAR TOWER 187-6
									SEE F.B. 943-9,10

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. 4123 PG. 156 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 3-23-72 DATE

INDEXED C.J. GALLI DATE

WEATHER SUNNY, WIND INST. NO. 96716

TIME 2:20 TO 2:22 ROD NO. 17134

NOTES CHKD. W.B. DATE

T = 82°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 126-49 TO B.M. 126-48
B.M. 126-49													B.M. 126-49 (BLACK BUTTE E-9 R.M. 2) NEAR TOWER 187-6 SEE F.B. 943-9, 10, 76
1	167	397	468	5	170 164	6	188	420	489	5	190 185	6	
							167	397					T = MALDONADO
B.M. 126-48												6 12	B.M. 126-48 (BLACK BUTTE E-9 NEAR TOWER 187-6 SEE F.B. 943-9, 10, 76
						-	21	023					

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T- 76 °
SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO 8716
NOTES BY SIEMANN DATE 3-21-72 TIME 11:01 TO 11:05 ROD NO 17343
INDEXED C.J. GALLI DATE MAR 10 '72 NOTES CHKD RGB DATE
F.B. 4123 Pg. 157

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	
									FROM B.M. 126-49 TO B.M. 126-50
B.M. 126-49									B.M. 126-49 (BLACK BUTTE E-9 R.M. 2) NEAR TOWER 187-6 SEE F.B. ~~3425~~ 943-9,10,76 T= MACDONALDO
1	~~152 62~~	~~9~~	~~453 5~~	~~147 10~~					
	152 56	1	453 5	147 10	94	118	395 5	89 10	
B.M. 126-50	94	118						10	B.M. 126-50 (LLANO E. BASE NO 3)
+	58	443						20	NEAR TOWER 187-6
									SEE F.B. 943-9,10,76

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 126-50 TO B.M. 126-49
B.M. 126-50													B.M. 126-50 (LLANO E. BASE NO. 3)
													NEAR TOWER 187-6
1	95	323	396	5	99 91	8	153	807	454	5	157 149	8	SEE F.B. 943-9, 10, 76
													~~π = MALDON ADD~~
							95	323					
B.M. 126-49												8	B.M. 126-49 (BLACK BUTTE E-9
						-	58	484				16	R.M. 2) NEAR TOWER 187-6
													SEE F.B. 943-9, 10, 76

T = 82°

WEATHER SUNNY, WIND INST. NO 96716

TIME 2:15 TO 2:20 ROD NO 1713AB

NOTES CHKD RAB DATE

F.B. 4123 PG. 158 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 3-23-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.126-50 TO B.M.126-51
B.M 126-50									B.M.126-50 (E.BASE NO.3)
1	81	~~220~~ 198	382 5	104 58 46	170	319	471 5	196 144 52	NEAR TOWER 187-6
									SEE F.B. 943-9,10 & 76
2	198	052	499 5	228 168 60	82	891	383 5	109 55 54	
				106				106	
3	186	802	487 5	219 153 66	106	763	407 5	137 75 62	
				172				168	T = MALDONADO
4	148	205	449 5	178 118 60	210	252	511 5	240 180 60	
				232				228	
5	192	659	493 5	209 175 34	65	745	366 5	83 47 36	
				266 ✓				264 ✓	
B.M. 126-51								266	B.M.126-51 (U.S.C. & G.S. LLANO E.
	806	916 ✓			635	970 ✓		530	BASE AZ. MK.) NEAR TOWER 187-4
	635	970							SEE F.B. 3425-57
+	170	946 ✓							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 78°

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

NOTES BY SIEMANN DATE 3-21-72 TIME 11:20 TO 11:45 ROD NO 1713AB

INDEXED C. J. GALLI DATE APR 10 '72 NOTES CHKD RGB DATE

F.B. 4123 PG. 159

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4123 Pg. 160 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY PRELIM NOTES SIEMANN 3-23-72

INDEXED C. J. GALLI DATE

NOTES CHKD EGB DATE

WEATHER SUNNY INST. NO 96716

TIME 2:00 TO 2:45 ROD NO 17134

T = 82°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 126-51 TO B.M. 126-50
B.M. 126-51									B.M. 126-51 (U.S.C.&G.S. LLANO E BASE)
1	21 026	322 5	½ 50	21 58	74 961	375 5	103	45 58	NEAR TOWER 187-4
									SEE F.B. 3425-57
2	143 582	444 5	154	112 62	201 273	502 5	231	171 60	
				120				118	
3	116 891	417 5	147	85 62	222 682	523 5	253	191 62	
				182				180	
4	127 063	428 5	157	95 64	151 202	452 5	181	121 60	T = MALDON
				246				240	
5	163 721	464 5	173	153 20	93 288	394 5	106	80 26	
				266 ✓				266	
B.M. 126-50								266	B.M. 126-50 (E BASE NO. 3)
	572 283 ✓				743 406 ✓			532	NEAR TOWER 187-6
					572 283				SEE F.B. 943-9, 10, 76
					− 171 123 ✓				

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 78°
SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO. 8716
NOTES BY SIEMANN DATE 7-21-72 TIME 11:45 TO 12:00 ROD NO. 7134B
INDEXED E.J. GALLI DATE APR 10 72 NOTES CHKD [illegible] DATE
F.B. 4123 PG. 61

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 126-51 TO B.M. 126-52
B.M. 126-51					3				B.M. 126-51 (U.S.C.&G.S. AZIMUTH MARK LLANO E. BASE)
				87				100	
1	56 821	357 5		25 62	69 082	370 5		38 62	NEAR TOWER 187-4
				202				132	SEE F.B. 3425-57
2	171 801	472 5		140 62	101 804	402 5		70 62	
				124				124	
3	145 651	446 5		173 117 56	124 541	425 5		153 93 62	
				180				186	
4	163 901	464 5		189 137 52	190 511	491 5		215 165 50	
				232				236	
5	200 064	501 5		230 170 60	147 049	448 5		178 116 62	T = MALDONADO
				292				298	
6	116 139	417 5		148 84 64	154 122	455 5		185 123 62	
				356				360	
7	126 071	427 5		196 96 60	87 184	388 5		118 56 62	
				416				422	
8	158 011	459 5		179 137 42	134 974	435 5		134 114 40	/
				458				462	
								458	B.M. 126-52
B.M. 126-52								920	S. LEG OF TOWER # 187-1
	1138459 /				1009267 /				SEE F.B. 3425-59
	1009267								
	+ 129192 /								

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 126-52 TO B.M. 126-51
B.M. 126-52									B.M. 126-52
1	127	648	428 5	158 96 62	206	127	507 5	241 171 70	SO. LEG OF TOWER # 187-1
									SEE F.B. 3425-59
2	176	547	477 5	208 144 64	139	193	440 5	167 111 56	
				126				126	
3	143	941	444 5	174 112 62	133	342	434 5	163 103 60	
				188				186	
4	70	456	371 5	101 39 62	75	223	376 5	105 45 60	
				250				246	π = MALDONADO
5	102	889	403 5	134 70 64	147	056	448 5	178 116 62	
				314				308	
6	157	384	458 5	187 127 60	201	181	502 5	231 171 60	
				374				368	
7	133	689	434 5	162 104 58	232	579	533 5	263 201 62	
				432				430	
8	175	308	476 5	190 160 30	82	542	383 5	98 66 32	
				462				462	
B.M. 126-51								462	B.M. 126-51 (U.S.C.&G.S. ELANO E
	1087	862			1217	243		924	BASE AZIMUTH MARK)
					1087	862			SEE F.B. 3425-57
					-129	381			

T = 82°

WEATHER SUNNY INST. NO 96716

TIME 1:25 TO 2:00 ROD NO 173A1

NOTES CHKD RGP DATE

F.B. 4123 PG. 162 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY D. REIER NOTES SIEMANN 3-23-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 84°

SURVEY BY G.E. DREIER

NOTES BY Maldonado DATE 3-21-72

INDEXED C. J. GALLI DATE APR 10 72

WEATHER Sunny & Windy INST. NO 96716

TIME 1:30 to 1:55 ROD NO 1713AB

NOTES CHKD RGG DATE

F.B. 4123 PG. 163

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 126-52 TO B.M. 126-53
B.M. 126-52									B.M. 126-52
1	206	500	507 5	240 / 172 68	53	690	354 5	90 / 16 74	Ave "V" @ So Leg of D.W.P. Tower # 187-1
									See F.B. 3425-59
2	146	860	447 5	181 / 111 70	131	686	432 5	166 / 96 70	
3	94	640	395 5	129 / 59 138 / 70	164	020	465 5	198 / 130 144 / 68	
4	204	169	505 5	239 / 169 208 / 70	184	400	485 5	219 / 149 212 / 70	
5	135	149	436 5	170 / 100 278 / 70	86	691	387 5	120 / 52 282 / 68	
6	159	716	460 5	191 / 127 348 / 64	120	055	421 5	153 / 87 350 / 66	
				412				416	
								412	
	947	034			740	542		828	BM 126-53
	740	542							Ave "V" @ D.W.P. Tower # 186-4 (So. Leg)
BM 126-53	+206	492							See F.B. 3425-61

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 126-53 TO B.M. 126-52
BM 126-53				169				220	B.M. 126-53
1	133	550	434 5	97 72	186	909	487 5	152 68	Ave "V" @ D.W.P. Tower # 184-4 (So. Leg)
				143				179	F.B 3425-61
2	107	180	408 5	71 72	142	210	443 5	105 74	
				206 144				238 142	T-Siemann
3	170	468	471 5	134 72	203	719	504 5	168 70	
				248 216				193 212	
4	213	491	514 5	178 70	156	688	457 5	119 74	
				195 286				155 286	
5	191	373	492 5	187 8	151	800	452 5	147 8	
				151 294				167 294	TP 186-6
6	124	468	425 5	97 54	139	819	440 5	111 56	
				73 348				222 350	
7	39	990	340 5	5 68	188	096	489 5	154 68	
				153 416				170 418	
8	145	150	446 5	137 16	163	001	464 5	156 14	
BM 126-52				432				432	BM 126-52
								432	Ave "V" @ So. Leg of D.W.P. Tower # 187-1
	1125	670			1332	242		864	See F.B. 3425-59
					1125	670			
				-	206	572			
BM 126									

F.B. 4123 PG. 164

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY D. REIER NOTES Maldonado 3-23-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & windy INST. NO. 96716

TIME 2:25 to 2:50 ROD NO. 713AB

NOTES CHKD RCB DATE

T = 78°

76P526B CE # 308 8/68

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 3-21-72

INDEXED C. J. GALLI DATE APR 10 72

WEATHER Sunny & Windy

TIME 1:55 to 2:25

NOTES CHKD RGB DATE

INST. NO. 96716

ROD NO. 1713A&B

F.B. 4123 PG. 165

T-82°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM126-53 TO BM126-54
BM126-53				190				201	BM126-53
1	155	571	456 5	120 70	166	167	467 5	131 70	Ave "V" @ D.W.P. Tower # 186-4 (So. Leg)
				244				173	See F.B. 3425-61
2	209	140	510 5	174 70	139	210	440 5	105 68	
				200 140				101 138	T-Siemann
3	165	249	466 5	130 70	67	042	368 5	33 68	
				182 210				212 206	
4	148	790	449 5	114 68	177	027	478 5	142 70	
				193 278				162 276	
5	158	481	459 5	123 70	129	399	430 5	96 66	
				171 348				161 342	
6	135	346	436 5	99 72	122	000	423 5	83 78	
				172 420				160 420	
7	169	059	470 5	166 6	157	217	458 5	154 6	
				426				426	
								426	
	1141	636			958	062		852	
	958	062							
BM126-54	+183	574							BM126-54
									Ave "V" @ So. Leg of DWP Tower # 186-1
									See F.B. 3425-63

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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 BM 126-54 TO BM 126-53
BM126-54				174				200	BM 126-54
1	137	693	438 5	100 74	162	294	463 5	124 76	Ave "V" @ So Leg of D.W.P Tower # 186-1
				167				202	See F.B. 3425-63
2	132	740	433 5	97 70	167	055	468 5	132 70	
				203 144				159 146	π-Siemann
3	167	475	468 5	131 72	124	101	425 5	89 70	
				91 216				192 216	
4	53	629	354 5	15 76	154	409	455 5	116 76	
				155 292				240 292	
5	119	120	420 5	83 72	204	509	505 5	168 72	
				192 364				174 364	
6	160	659	461 5	128 64	142	531	443 5	110 64	
				428				428	
								428	
	771	316			954	899		856	
					771	316			
					183	583			
BM 126-53									BM 126-53
									Ave "V" @ So. Leg of D.W.P Tower # 186-4
									See F.B. 3425-61

F.B. 4123 PG. 166 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 3-22-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Windy INST. NO. 96716

TIME 2:00 to 2:25 ROD NO. 1713A&B

NOTES CHKD RLB DATE

T-78°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 126-54 TO BM 126-55
BM 126-54				247				193	BM 126-54
1	211	879	512 5	175 72	155	700	456 5	117 76	Ave. "V" @ So Leg D.W.P. Tower # 186-1
				231				126	See F.B. 3425-63
2	195	381	496 5	159 72	92	589	393 5	58 68	
				202 144				227 144	
3	164	410	465 5	126 76	189	300	490 5	151 76	π-Siemann
				211 220				191 220	
4	176	120	477 5	141 70	155	670	456 5	119 72	
				234 290				91 292	
5	198	149	499 5	162 72	56	441	357 5	21 70	
				362				265 362	
6	193	627	494 5	229 157 72	228	011	529 5	191 74	
				434				436	
								434	
	1139	566			877	711		870	
	877	711							
BM 126-55	+261	855							

(U.S.G.&G.S. STAMPED U.S.G.S. 1934 1958)

BM 126-55 AZ. MARK BLACK BUTTE

Ave. "V" & Black Butte Cyn Rd @ N. Leg of D.W.P. Tower # 185-3

See F.B. 3425-65

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 3-22-72

INDEXED C. J. GALLI DATE APR 10 72

WEATHER Sunny & Calm

TIME 10:20 to 10:45

NOTES CHKD. RHB

INST. NO. 96716

ROD NO. 1713 A&B

DATE

F.B. 4123 PG. 167

T-84 740

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4123 Pg. 168 JOB NO. 0301.02

SURVEY OF LAC. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 3-22-72

INDEXED E.T. GALLI DATE

WEATHER Sunny & windy INST. NO. 9621

TIME 1:25 to 2:00 ROD NO. 17345

NOTES CHKD Plus DATE

T-78°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 126-55 TO BM 126-54
BM 126-55				265				228	BM 126-55 (U.S.C & G.S. AZ. MARK BLACK BUTTE)
1	228	591	529 5	191 74	192	350	493 5	156 72	Ave "V" & Black Butte Lyn. Rd. & N. Leg of
				89				234	See FB DWP Tower # 185-3
2	53	574	354 5	17 72	198	935	499 5	162 72	See FB 3425-65
				191 146				208 144	
3	155	180	456 5	119 72	172	989	473 5	136 72	
		019		223 218				275 216	
4	186	091	487 5	149 74	237	571	538 5	199 76	T-Siemann
				182 292				191 292	
5	145	340	446 5	108 74	154	913	455 5	117 74	
				163 366				236 366	
6	127	241	428 5	91 72	201	352	502 5	166 70	
				438				436	
								438	
	895	945			158	110		874	
					895	945			
BM 126-54					262	165			BM 126-54
									Ave "V" @ So. Leg of DWP Tower # 186-1
									See FB 3425-63

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 126-55 TO B.M. 126-54
B.M. 126-55									B.M. 126-55 (U.S.G.S. & G.S. AZ. MARK BLACK
1	213	430	514 5	240 186 54	197	552	498 5	223 171 54	BUTTE, U.S.G.S 1938 1958)
									AT N. LEG TOWER # 185-3
2	73	450	374 5	108 38 70	171	573	472 5	206 136 70	SEE F.B. 3425-65
				124				124	
3	115	060	416 5	144 86 58	153	059	454 5	186 120 66	
				182				190	
4	152	122	453 5	181 123 58	105	781	406 5	129 81 48	RERUN
				240				238	R. SIEMANN
5	94	812	395 5	124 64 60	266	919	567 5	297 235 62	
				300				300	
6	216	617	517 5	246 186 60	206	219	507 5	236 176 60	
				360				360	
7	210	840	511 5	239 181 58	207	518	508 5	236 178 58	
				418				418	
8	140	261	441 5	150 130 20	169	971	470 5	178 160 18	
				438				436	
B.M. 126-54								438	B.M. 126-54
	1216	592			1478	592		874	AT TOWER NO. 186-1
					1216	592			SEE F.B. 3425-63
					262	000			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=69°

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

NOTES BY G.E. DREIER DATE 4-6-72 TIME 10:55 ROD NO 95896

INDEXED C. J. GALLI DATE APR 10 72 NOTES CHKD RFB DATE

F.B. 4123 PG. 169

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F.B. 4123 PG. 170 JOB NO. 030102
SURVEY OF L.A.Co. PRECISE LE
SURVEY BY NOTES DREIER 4-6-72
INDEXED E. J. GALLI DATE

WEATHER WINDY CLEAR INST. NO. 96716
TIME 11:25 ROD NO. 173A-2
NOTES CHKD GB DATE

70°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									RERUN / FROM B.M.126-54 TO B.M.126-55
B.M.126-54									B.M.126-54
1	172	691	4735	202 / 142 60	100	978	4015	130 / 70 60	AT TOWER # 186-1
2	47	859	3485	76 / 18 58	133	43	3145	41 / 13 58	SEE F.B. 3425-63
3	166	410	4675	196 / 136 60	120	383	4215	151 / 89 62	RERUN
4	191	880	4925	220 / 162 58	184	195	4855	212 / 156 56	A R. SIEMANN
5	158	111	4595	188 / 128 60	156	382	4575	185 / 127 58	
6	191	290	4925	221 / 161 60	93	549	3945	134 / 32 62	
7	199	191	5005	230 / 168 62	175	475	4765	205 / 145 60	
8	154	711	4555	163 / 145 18	175	849	4765	185 / 165 20	
				436				434	
B.M.126-55								436	B.M.126-55 (U.S.C.&G.S. AZ. MARK BUTTE BLACK)
	1282	143			1020	154		870	AT TOWER NO. 185-3
	1020	154							SEE F.B. 3425-65
	+261	989							

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 74°

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 3-22-72 WEATHER SUNNY INST. NO. 96716

INDEXED C. J. GALLI DATE APR 10 72 TIME 10:40 TO 11:00 ROD NO. 1713AB

NOTES CHKD RHB DATE

F.B. 4123 PG. 171

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 126-55 TO 106-57
B.M. 126-55									B.M. 126-55
1	213	261	514 5	246 180 66	299	400	600 5	299 265 68	N. LEG OF TOWER # 185-3
									SEE F.B. 3425-65
2	111	016	412 5	146 76 70	75	945	376 5	110 40 70	
				136				138	
3	259	222	560 5	290 228 62	112	160	413 5	144 80 64	
				198				202	
4	191	379	492 5	220 162 58	193	457	494 5	221 165 56	T = MALDONADO
				256				258	
5	225	510	526 5	243 207 36	135	773	436 5	151 119 32	
				292				290	
B.M. 106-57							5	292	B.M. 106-57
	100	388			816	735		582	S. LEG OF TOWER # 185-1
	816	735							SEE F.B. 2418-64
+	183	653							

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F.B. 4123 PG. 172 | JOB NO 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 3-22-72

INDEXED G.J. GALLI DATE

WEATHER SUNNY, WIND INST. NO 9671C

TIME 11:30 TO 12:00 ROD NO 1134

NOTES CHKD PAB DATE

T = 74°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 106-57 TO B.M. 126-55
B.M. 106-57													B.M. 106-57
1	117	071	418	5	139 95	44	178	038	479	5	201 155	46	S. LEG OF TOWER # 185-1
													SEE F.B. 2418-64
2	140	912	441	5	170 110	60	151	283	452	5	181 121	60	
						104						106	
3	103	397	404	5	134 72	62	292	442	593	5	1292 1262	60	
						166						166	# = MALDONADO
4	125	642	426	5	155 95	60	131	421	432	5	161 101	60	
						226						226	
5	286	448	587	5	1286 1224	62	203	910	504	5	235 171	64	
						288 ✓						290 ✓	
B.M. 126-55												288	B.M. 126-55
	773	470 ✓					957	094 ✓				578	N. LEG OF TOWER 185-3
							773	470					SEE F.B. 3425-65
							183	624 ✓					

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 74°
SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO 96716
NOTES BY SIEMANN DATE 3-22-72 TIME 11:05 TO 11:15 ROD NO 12348
INDEXED E.J. GALLI DATE APR 10 72 NOTES CHKD RGB DATE
F.B. 4123 Pg. 173

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 106-57 TO B.M. 106-58
B.M. 106-57													B.M. 106-57
1	55	292	356	5	84 / 55	58	214	176	515	5	244 / 184	60	S. LEG OF TOWER # 181-1
													SEE F.B. 2418-64
2	49	647	350	5	78 / 20	58	292	292	593	5	292 / 263	58	
						116 ✓						118 ✓	T = MALDONADO
B.M. 106-58												116	B.M. 106-58
	104	939	1				506	468 ✓				234 ~~360~~	FT. N. OF TOWER # 185-1
							104	939					SEE F.B. 2418-64
							-401	529 ✓					

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F.B. 4123 PG. 174 | JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN

INDEXED D. J. GALLI DATE

NOTES CHKD RGB DATE

TIME 11:15 TO 11:30 ROD NO. 713A

WEATHER SUNNY, WIND INST. NO. 96716

T= 74°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.106-58 TO B.M.106-57
B.M.106-58													B.M.106-58 (T5N R8W 9 10)
1	290	912	591	5	1290 / 1260	60	48	132	349	5	77 / 19	58	760 FT. N. OF TOWER # 185-1
													SEE F.B. 2418-64
2	215	167	516	5	244 / 186	58	56	536	357	5	85 / 36	58	T = MALDONADO
						118 ✓						116 ✓	
B.M.106-57												118	B.M.106-57
	506	079	✓				104	668	✓			234	S. LEG OF TOWER 185-1
	104	668											SEE F.B. 2418-64
	401	411	✓										

7569 69
4123

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F.
Office Work	Surveyed by R.L. STRADER
Checked	Notes R.L.S. Date 7-72
Date	Indexed C.J. GALLI JUL 17 '72

F.B. PG. 175

L.A. CO. PRECISE LEVEL NET

PORTION OF LINE 101

1972 RUN

J.N. 0301.02

JULY 1972

REFERENCE
F.B. 2410
F.B. 3737
F.B. 3754
F.B. 3724

SURVEY PARTY
R. STRADER
T. PETERSON
R. ANDERSON
R. RODRIGUEZ
L. LOVE

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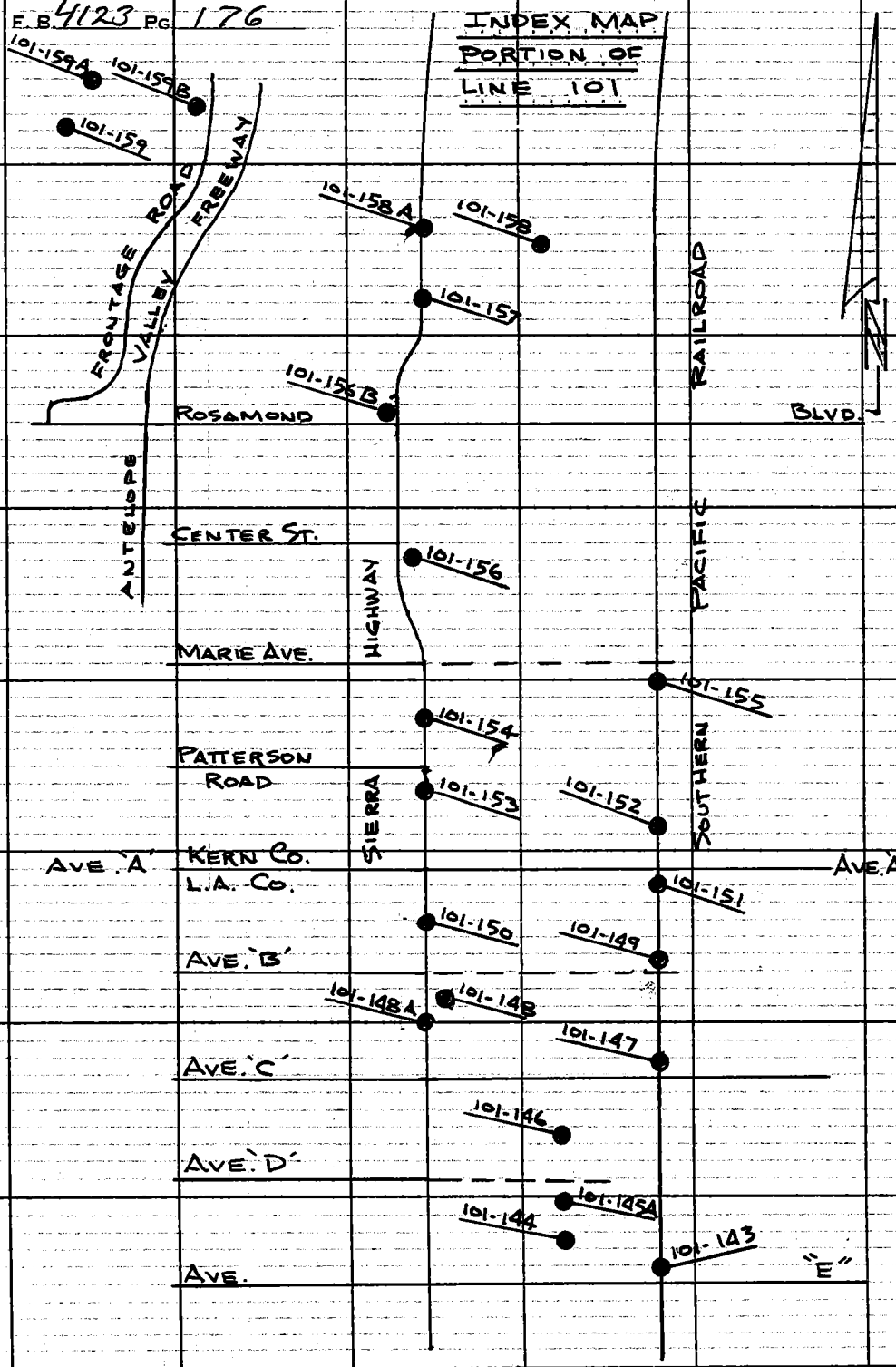
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F.B. 4123 Pg. 176

INDEX MAP
PORTION OF LINE 101



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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 T= 90°
SURVEY BY STRADER WEATHER Clear (HOT) INST. NO 5234
NOTES BY RODRIGUEZ DATE 29 JUNE 72 TIME 9:00 ROD NO 212AB
INDEXED C. J. GALLI DATE JUL 17 72 NOTES CHKD DATE
F.B. 4123 PG. 177

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	155	377	456 5	160 150 10	156	404	457 5	180 126 60	60 M- 10 M= 50 M-0.20 mm
2	162	843	463 5	167 157 10	161	450	462 5	191 131 60	60 M- 10 M= 50 M=0.20 mm
	318	220		20	317	854		120	
	317	814						-20	
	+	406			-0.40mm			100	Curvature Corr.=0.40 mm
					317	814			
									T PETERSON
	+ 0.041 mm= "C"								
	+100 / 4.06								
					- 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 STRADER
NOTES BY PETERSON DATE 6-28-72
INDEXED C. J. GALLI DATE JUL 17 72
WEATHER CLEAR & CALM
TIME 14:40
NOTES CHKD. DATE
INST. NO. 75234
ROD NO. 1242AB
F.B. 4123 PG. 179
T=100

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	137	903	438 S	142 132 10	153	899	454 S	183 123 60	60M- 10 M=50 M-0.20 mm
2	147	411	448 S	152 142 10	130	822	431 S	160 100 60	60M- 10 M=50 M=0.20 mm
	285	314		20	284	721		120	
	284	681							
	+	633			-0.40mm			-20	Curvature Corr.=0.40 mm
					284	681		100	
									π RODRIGUEZ

.063 mm= "C"
100 / 16.33

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 STRADER
NOTES BY PETERSON DATE 6-30-72
INDEXED C. J. GALLI DATE JUL 17 '72
WEATHER CLEAR & CALM
TIME 09:05
NOTES CHKD
DATE
INST. NO. 75234
ROD NO. 1212AB
F.B. 4123 PG. 181
T=94

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	151	771	452 5	156 146 10	143	898	444 5	173 113 60	60 M- 10 M= 50 M-0.20 mm
2	172	110	473 5	177 167 10	179	748	480 5	209 149 60	60 M- 10 M= 50 M=0.20 mm
	+323	881		20	323	646		120	
	-323	606						-20	
	+	275			-0.40mm				Curvature Corr.=0.40 mm
					323	606		100	
									⊼ RODRIGUEZ
		1028		mm= "C"					
	100/275								
								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 R. STRADER WEATHER CLEAR-CALM INST. NO 75234
NOTES BY R. STRADER DATE JUNE 30, 1972 TIME 13:25 ROD NO 12 A-E
INDEXED C. J. GALLI DATE M. 17 72 NOTES CHKD DATE

F.B. 4123 PG. 183

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	163	995	464	5 168 / 158 10	172	712	473	5 202 / 142 60	60 M- 10 M= 50 M-0.20mm
2	151	211	452	5 156 / 146 10	142	460	443	5 172 / 112 60	60 M- 10 M= 50 M=0.20mm
	315	206		20	315	172		120	
	315	132						- 20	
	+	074			-0.40mm			100	Curvature Corr.=0.40 mm
					315	132			
									R STRADER
									NOTE: INSTRUMENT ADJUSTED PRIOR TO THIS TEST
		.007 mm= "C"							
	100 / 0.74								
							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 Strader July
NOTES BY Rodriguez DATE 3 June 72
INDEXED C. J. GALLI DATE Jul 17 72
WEATHER Clear
TIME 9:00
NOTES CHKD
INST. NO 75234
ROD NO 1212HC
DATE
F.B. 4123 PG. 185
T= 8.80

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	140	472	441 5	145 135 10	154	122	455 5	184 124 60	60 M- 10 M= 50 M-0.20 mm
2	140	745	441 5	145 135 10	127	312	428 5	157 97 60	60 M- 10 M= 50 M=0.20 mm
	281	217		20	281	434		120	
	~~280~~	~~394~~						-20	
	+	~~923~~			-0.40mm			100	Curvature Corr.=0.40 mm
					280	394			
					281	217			~~Strader~~ ANDERSON
					-	177			

+ ____ mm= "C"
/

-0.017 mm= "C"
100 / 1.77

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JOB NO. 030102 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. STRADER WEATHER CLEAR, CALM, INST. NO 15234
NOTES BY R. STRADER DATE JULY 5, '72 TIME T = 100° ROD NO 1212 A
INDEXED E. J. GALLI DATE JULY 7, '72 NOTES CHKD DATE
F.B. 4123 PG. 187

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	133	122	434	5 138 128 10	136	586	437	5 166 106 60	60 M - 10 M = 50 M - 0.20 mm
2	136	130	437	5 141 131 10	132	902	433	5 162 102 60	60 M - 10 M = 50 M = 0.20 mm
	269	252		20	269	488		120	
	+				-0.40mm				Curvature Corr. = 0.40 mm
					269	448			
					269	252			
					- 0	196			
									T. R. ANDERSON
				mm = "C"					
	/								
						.019		mm = "C"	
					100 /	1.96			

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. STRADER WEATHER CLEAR. CALM. INST. NO 15234
NOTES BY R.L.S. DATE JULY 6, '72 TIME 9:25 ROD NO. 1212 A-E
INDEXED C. J. GALLI DATE JUL 17 72 NOTES CHKD DATE
T = 94°
F.B. 4123 PG. 189

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM _____ TO _____
			DETERMINATION OF "C"								
		NEAR ROD					FAR ROD				
1	167	510	468	5	172 162 10	223	718	524	5	253 193 60	60M - 10 M = 50 M - 0.20 mm
2	146	220	447	5	151 141 10	90	302	391	5	20 60 60	60 M - 10 M = 50 M = 0.20 mm
	313	730			20	314	020			120	
	+					-0.40 mm					Curvature Corr. = 0.40 mm
						313	980				
						313	730				
						- 0	250				
											R. RODRIGUEZ
	/				mm = "C"						
							.025 mm = "C"				
						100 / 2.50					

76P526B CE # 308 8/68

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JOB NO. 030102 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.S. TRADER WEATHER Cloudy-Calm INST. NO. 15234
NOTES BY R.L.S. DATE July 7, 1972 TIME 9:10 ROD NO. 12124
INDEXED O. J. GALLI DATE JUL 17 '72 NOTES CHKD DATE
T = 88°
F.B. 4123 Pg. 191

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	144	330	445 5	149 139 10	140	410	441 5	176 116 60	60 M- 10 M= 50 M-0.20 mm
2	144	420	445 5	149 139 10	148	610	449 5	178 118 60	60 M- 10 M= 50 M=0.20 mm
	288	750		20	289	020		120	
								- 20	
	+				-0.40 mm			100	Curvature Corr.=0.40 mm
					288	980			
					288	750			
	-				- 0	230			Δ R. RODRIGUEZ
				mm= "C"					
	/								
						.023			
						.23		mm= "C"	
					100 /	2.30			

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. L. STRADER WEATHER CLEAR-CALM INST. NO 1523
NOTES BY R.L.S. DATE July 10, 1972 TIME 9:10 ROD NO 12A-i
INDEXED C. J. GALLI DATE JUL 17 '72 NOTES CHKD DATE
T = 88°
F.B. 4123 PG. 193

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ___ TO ___
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	156	192	457	5 161 151 10	230	767	531	5 260 200 60	60M - 10M = 50M - 0.20mm
2	123	228	424	5 128 118 10	48	808	349	5 78 18 60	60M - 10M = 50M = 0.20mm
	279	420		20	279	575		120	
								- 20	
	+				-0.40mm			100	Curvature Corr. = 0.40 mm
					279	535			
					279	420			
					-	115			
									T R. ANDERSON
									NOTE: INSTRUMENT ADJUSTED PRIOR TO THIS TEST
	/			mm = "C"					
						.01 1/5			mm = "C"
				100	/	1.15			

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=98°
SURVEY BY R. STRADER WEATHER CLEAR. INST. NO. 75234
NOTES BY R.L.S. DATE JULY 19, 1972 TIME 11:35 ROD NO. 12.12 A-B
INDEXED C.J. GALLI DATE JULY 17 '72 NOTES CHKD [illegible] DATE
F.B. 4123 PG. 195

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 101-143 4									FROM BM 101-144 TO BM 101-143
1	166	859	467	5 204 128 76	168	470	469	5 206 130 76	BM 101-144
2	151	812	452	5 188 114 74	168	940	469	5 205 131 74	ON SIERRA HIGHWAY, 0.45 MILE N. OF AVE. "E" & 89 FEET E.
				150				150	OF APPROX. ℄ OF ROAD
3	166	488	467	5 204 128 76	160	952	461	5 198 122 76	F.B. 2410-43
				226		0		226	F.B. 3737-64
4	156	150	457	5 192 120 70	161	959	461	5 195 125 70	
				296				296	
5	186	511	487	5 207 165 42	110	337	411	5 131 89 42	A. R. RODRIGUEZ
+	827	820		338	769	658		338	
−	769	658						338	
+	58	162						676	
BM 101-143									BM 101-143, U.S.C.&G.S. (H-487) S.P.R.R. & AVE. "E" ON WOODEN BRIDGE F.B. 2410-43

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM101-143									FROM BM 101-143 TO BM 101-144
1	78	190	379 5	116 78 ½ 76	174	919	475 5	211 137 74	BM 101-143, U.S.C.&G.S. (H-487)
									S.P.R.R. & AVE. "E" ON
2	184	860	485 5	221 147 74	164	100	465 5	201 127 74	WOODEN BRIDGE
				150				148	F.B. 2410-43
3	166	080	467 5	202 130 72	156	791	457 5	192 120 72	
				222				220	
4	155	009	456 5	191 119 72	128	222	429 5	164 92 72	
				294				292	
5	142	268	443 5	164 120 44	160	320	461 5	183 137 46	⊼ R. RODRIGUEZ
+	726	407		338	784	352		338	
				+	726	407		338	
				−	57	945		676	
BM101-144									BM 101-44
									ON SIERRA HIGHWAY, 0.45 MI.
									N. OF AVE. "E", & 89 FEET E
									OF APPROX. ℄ OF ROAD
									F.B. 2410-43
									F.B. 3737-64

F.B. 4123 PG. 196 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

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

INDEXED C. J. GALLI DATE

WEATHER CLEAR-CALM INST. NO. 75234

TIME 13:10 ROD NO. 1212 A-1

NOTES CHKD RLB DATE

T = 102°

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 101-145A													FROM BM 101-145A TO BM 101-144
1	183	433	484	5	218 / 148	70	200	539	501	5	235 / 165	70	BM 101-145A, U.S.C.& G.S. (T-1146)
													ON SIERRA HIGHWAY ABOUT 300
2	133	598	434	5	168 / 98	70	133	757	434	5	168 / 98	70	FEET S. OF AVE. "D" & 81 FEET
						140						140	E. OF APPROX. ℄ OF ROAD
3	123	369	424	5	158 / 88	70	144	252	445	5	179 / 109	70	F.B. 3754-173
						210						210	
4	145	143	446	5	180 / 110	70	118	028	419	5	153 / 83	70	
						280						280	
5	134	438	435	5	169 / 99	70	136	842	437	5	171 / 101	70	⊼ R. ANDERSON
						350		670				350	
6	102	075	403	5	142 / 62	80	131	~~763~~	432	5	171 / 91	80	
+	822	056				430	865	088				430	
~~7~~						+	822	056				430	
						−	43	032				860	
BM 101-144													BM 101-144
													ON SIERRA HIGHWAY, 0.45 MILE
													N. OF AVE. "E" & 89 FEET E.
													OF ℄ OF ROAD
													F.B. 2410-43
													F.B. 3737-64

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

SURVEY BY R. STRADER

NOTES BY R.L.S. DATE JULY 10 1972 TIME 10:55

INDEXED C. J. GALLI DATE JUL 17 '72 NOTES CHKD CGB DATE

WEATHER CLEAR. CALM INST. NO. 75234

ROD NO. 1212 A-B

T=96°

F.B. 4123 PG. 197

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4123 Pg. 198 JOB NO. 0301.02 T= 100°

SURVEY OF L.A. Co. PRECISE LEVEL NET

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

INDEXED C. J. GALLI DATE

WEATHER CLEAR, CALM INST. NO. 75234

TIME 13:35 ROD NO. 12-12A-5

NOTES CHKD PHB DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 101-144									FROM BM 101-144 TO BM 101-145A
1	129	562	430	5 163 95 68	113	574	414	5 126 113½ 66	BM 101-144
2	141	698	442	5 176 106 70	127	072	428	5 162 92 70	ON SIERRA HIGHWAY, 045 M.L.
				138				136	N. OF AVE. "E" & 89 FEET
3	131	530	432	5 164 98 66	134	772	435	5 167 101 66	E OF APPROX. ℄ OF ROAD
				204				202	F.B. 2410-43
4	134	690	435	5 169 99 70	131	652	432	5 167 95 72	F.B. 3737-64
				274				274	
5	149	248	450	5 183 115 68	147	807	448	5 181 113 68	T. R. ANDERSON
				342				342	
6	128	740	429	5 162 94 68	136	975	437	5 171 101 70	
				410				412	
7	143	762	444	5 152 134 18	124	336	425	5 132 116 16	
	+ 959	230 ✓		428	916	188 ✓		428 ✓	
	- 916	188						428	
	+ 43	042 ✓						856 ✓	
BM 101-145A									BM 101-145A, USCEGS (T-1146) ON SIERRA HIGHWAY ABOUT 300 FEET S. OF AVE. "D" & 81 FEET E OF APPROX. ℄ OF ROAD F.B. 3754-173

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=94°
SURVEY BY R. STRADER WEATHER CLEAR, CALM INST. NO. 75234
NOTES BY R.L.S. DATE JULY 10, 1972 TIME 10:20 ROD NO. 12A-B
INDEXED G.J. GALLI DATE 11 7 72 NOTES CHKD. [illegible] DATE
F.B. 4123 Pg. 199

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS
BM 101-146											FROM BM 101-146 TO BM 101-145A
1	151	818	452	5	114 / 74	160	532	461	5	123 / 74	BM 101-146
											S.P.R.R., 0.6 MILE N. OF
2	152	699	453	5	116 / 72	153	718	454	5	117 / 72	AVE. "D"
					146					146	F.B. 2410-43
3	188	031	489	5	153 / 70	184	270	485	5	149 / 70	
					216					216	
4	151	412	452	5	116 / 70	157	632	458	5	122 / 70	
					286					286	
5	157	722	458	5	122 / 70	155	509	456	5	115 / 80	T R RODRIGUEZ
					356					366	
6	154	849	455	5	119 / 70	162	290	463	5	130 / 64	
					426					430	
7	161	072	462	5	139 / 44	176	019	477	5	155 / 42	
					470					472	
8	153	511	454	5	144 / 18	145	590	446	5	137 / 16	
	+ 1271	114 ✓			488 ✓	1295	560 ✓			488 ✓	
						+ 1271	114			488	
						− 24	446 ✓			976 ✓	
BM 101-145A											BM 101-145A, U.S.C. & G.S. (T-1146) ON SIERRA HIGHWAY ABOUT 300 FEET S. OF AVE. "D" & 81 FEET E. OF APPROX. ℄ OF ROAD F.B. 3754-173

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.

F.B. 4123 Pg. 200 JOB NO. 0301.02 T=102°

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY R.U.S. NOTES R. STRADER JULY 10, 12

INDEXED C. J. GALLI DATE

WEATHER CLEAR. CALM INST. NO. 15234

TIME 1415 ROD NO. 12 ZA

NOTES CHKD Blue DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
BM 101-145A	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM BM 101-145A TO BM 101-146
1	163	161	464 5	198 128	70	168	720	469 5	201 135	66	BM 101-145A, U.S.C.&G.S. (T-1146
											ON SIERRA HIGHWAY ABOUT 300
2	163	802	464 5	201 125	76	121	802	422 5	163 80	82	FEET S. OF AVE. "D" & 81
					146					148	FEET E. OF APPROX. ℄ OF ROAD
3	114	432	415 5	149 79	70	118	268	419 5	156 80	76	F.B. 3754-173
					216					224	
4	123	600	424 5	158 88	70	136	778	437 5	169 103	66	
					286					290	
5	152	830	453 5	187 117	70	125	351	426 5	158 92	66	R. RODRIGUEZ
					356					356	T R. ANDERSON
6	105	310	406 5	140 70	70	128	322	429 5	163 93	70	
					426					426	
7	133	311	434 5	160 106	54	141	745	442 5	165 117	48	
					480					474	
8	145	270	446 5	154 136	18	136	132	437 5	148 124	24	
	+ 1101	716	/		498	1077	118	/		498	/
	- 1077	118								498	
	+ 24	598	/							996	/
BM 101-146											BM 101-146 S.P.R.R., 06 MILE N. OF AVE "D" F.B. 2410-43

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
BM101-147									FROM BM101-147 TO BM101-146
1	128	704	429 5	144 112 32	238	862	539 5	253 223 30	S.P.R.R. & AV "C" @ 25' x 2' BRIDGE
2	174	032	475 5	207 141 66	152	890	453 5	186 118 68	FB. 2410-44
				98				98	
3	128	534	429 5	159 97 62	135	332	436 5	165 105 60	⊼ PETERSON
				160				158	
4	154	276	455 5	188 120 68	146	430	447 5	181 111 70	
				228				228	
5	147	901	448 5	177 117 60	155	171	458 5	188 126 62	
				288				290	
	141	798	442 5	172 110 62	148	204	449 5	179 117 62	
				350				352	
7	152	757	453 5	166 138 28	133	052	434 5	146 120 26	
				378				378	
	1028	002			1111	941		378	
BM101-146					1028	002		756	BM101-146
				-	83	839			S.P.R.R. 0.6 mi No. of AV "D" 43' EAST OF SIERRA HWY & FB. 2410-43

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

SURVEY BY STRADER

NOTES BY RODRIGUEZ DATE 30 JUNE 72

INDEXED C. J. GALLI DATE JUL 17 '72

WEATHER CLEAR (HOT) INST. NO. 75234

TIME 11:20 ROD NO. 1212AB

NOTES CHKD RFB DATE

T=106°

F.B. 4123 PG. 201

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM101-146									FROM BM101-146 TO BM101-147
1	123	830	423 5	156 88 68	147	610	448 5	182 112 70	BM101-146
									S.P.R.R. 0.6 mi No. of
2	156	270	457 5	192 120 72	138	898	439 5	173 103 70	AV "D" 43' East of
				140				140	Sierra Hwy &
3	152	878	453 5	188 116 72	138	153	439 5	174 102 72	FB 2410.43
				212				212	
4	128	225	429 5	162 94 68	139	850	440 5	174 104 70	⊼ Anderson
				280				282	
5	135	463	436 5	172 98 74	159	750	460 5	196 122 74	
				354				356	
6	223	657	524 5	235 209 26	110	948	411 44 5	122 110 24	
				380				380	
	919	323			835	209		380	
BM101-147	835	209						760	BM101-147
	+84	114							S.P.R.R. & AV "C" @25' x 2'
									Bridge.
									FB 2410-44

F.B. 4123 PG. 202 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Strader NOTES Rodriguez 3 June 72

INDEXED C. J. GALLI DATE

WEATHER Clear/windy INST. NO. 75234

TIME 9:40 ROD NO. 1212MB

NOTES CHKD [illegible] DATE

T = 88°

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
BM101-148									FROM BM101-148 TO BM101-148A
1	142	868	443 5	171 113 58	171	639	472 5	201 141 60	BM101-148
									S.P.R.R., 0.75 MI N. OF
2	168	420	469 5	202 134 68	198	737	499 5	231 165 66	AVE C EAST SIDE
				126				126	
3	145	898	446 5	155 135 20	83	856	384 5	93 73 20	F.B. 3724-251
	+457	236		146	454	232		146	
	-454	232						146	
	+ 3	004						292	TSTRADER
BM101-148A									BM 101-148A
									SIERRA HWY 0.6 MI N
									OF AVE 'G' LEAD IN N.
									END CULVERT WEST SIDE
									F.B. 3724-253

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

SURVEY BY STRADER

NOTES BY PETERSON DATE 6-30-72

INDEXED C. J. GALLI DATE JUL 17 '72

WEATHER CLEAR & CALM

TIME 15:00

NOTES CHKD RGB

DATE

INST. NO. 75 [illegible]

ROD NO. [illegible]

F.B. 4123 PG. 203

T=112°

F.B. 4123 PG. 204 JOB NO. 0301.02 T=90

SURVEY OF L.A. Co. Precise Level July WEATHER Windy INST. NO. 75234

SURVEY BY Strader NOTES Rodriguez 3 July 72 TIME 10:50 ROD NO. 1212A

INDEXED C. J. GALLI DATE NOTES CHKD RBB 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	
BM101-148A									FROM BM101-148A TO BM101-148
1	130	170	431 5	164 96 68	163	242	464 5	196 130 66	BM101-148A
									SIERRA AWY 0.6 MI
2	172	152	473 5	210 134 76	142	217	443 5	179 105 74	No. of AV "C" Lead
	+302	322		144	305	459		140	IN No. END CULVERT
					+302	322		144	W. SIDE
					3	137		284	FB 3724-253
									T STRADER
BM101-148									BM101-148
									S.P.R.R. 0.75 MI
									No. of AV "C"
									EAST SIDE
									FB 3724-251

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 101-148A									FROM BM101-148A TO BM101-148
1	110	585	411 5	130 90 40	160	290	461 5	181 139 42	BM101-148A
2	157	717	458 5	192 122 70	147	881	448 5	181 113 68	SIERRA HWY 0.6 MI NO OF AV "C" IN HWY CULVERT
				110				110	# G374+50
3	161	484	462 5	197 125 72	175	264	476 5	210 140 70	FB 3724-253
				182				180	
4	138	663	439 5	173 103 70	139	472	440 5	175 103 72	⊼ STRADER
				252				252	
5	141	977	442 5	177 105 72	170	295	471 5	207 133 74	
				324				326	
	171	752	472 5	206 136 70	154	501	465 5	187 121 66	
				394				392	
7	138	017	439 5	163 113 50	79	952	380 5	1) 79 2) 53 52	
				444				444	
	1020	195			1027	665		444	
BM 101-147					1020	195		888	BM 101-147
					- 7	470 6			S.P.R.R. & AV "C" @ 25'x2' BRIDGE.
									FB 2410-44

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

SURVEY BY STRADER

NOTES BY RODRIGUEZ DATE 30 JUNE 72

INDEXED C. J. GALLI DATE JUL 17 '72

WEATHER CLEAR (HOT) TE 104°

TIME 10:35

NOTES CHKD RGB

INST. NO 75234

ROD NO 1212AB

DATE

F.B. 4123 PG. 205

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM101-147									FROM BM101-147 TO BM101-148A
1	84	542	385 5	115 53 62	155	450	456 5	185 125 60	BM101-147
									S.P.R.R. & AV "C" @25'x2
2	165	740	466 5	198 132 66	143	635	444 5	174 112 62	BRIDGE
				128				122	FB. 2410-44
3	142	843	443 5	176 108 68	168	756	469 5	204 132 72	
				196				194	⊼ STRADER
4	165	164	466 5	199 131 68	113	881	414 5	147 79 68	
				264				262	
5	152	164	453 5	187 117 70	155	792	456 5	190 120 70	
				334				332	
6	138	045	440 5	171 107 64	138	322	439 5	172 104 68	
				398				400	
7	135	099	436 5	159 111 48	101	616	402 5	125 77 48	
				446				448	
	+984	597			-977	452		446	
BM101-148A	-977	452						894	BM101-148A
	+7	145							SIERRA HWY 0.6 MI
									NO. OF AV "C" LEAD
									IN CULVERT W. SIDE
									FB 3724-253

F.B. 4123 PG. 206 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY STRADER NOTES RODRIGUEZ 3 JULY 72

INDEXED C. J. GALLI DATE

WEATHER WINDY INST. NO. 75234

TIME 10:10 ROD NO. 1212 M

NOTES CHKD RGB DATE

F = 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						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 101-148A TO B.M. 101-147
B.M. 101-148A					173						218		B.M. 101-148A
1	135	975	436	5	97	76	181	627	482	5	144	74	SIERRA HWY, 0.6 MI. NORTH
					199						193		OF AVE. "C" IN HWY CULV.
2	162	253	463	5	125	74	155	478	456	5	117	76	" 374+50
					195	150					240	150	F.B. 3724-253
3	159	922	460	5	123	72	204	331	505	5	168	72	RERUN
					205	222					190	222	
4	168	089	469	5	131	74	153	188	454	5	116	74	T = STRADER
					161	296					158	296	
5	124	325	425	5	87	74	121	951	422	5	84	74	
					165	370					107	370	RERUN
6	129	090	430	5	93	72	70	489	371	5	70 ½	74	
+	879	654				442	887	064				444	
B.M. 101-147							+ 879	654				442	B.M. 101-147
							− 7	410				886	S.P.R.R. & AVE. "C" ON
													" " BRIDGE
													F.B. 2410-44

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

SURVEY BY R.L. STRADER

NOTES BY R. ANDERSON DATE 7-JULY '72

INDEXED C. J. GALLI DATE JUL 17 '72

WEATHER OVERCAST & CALM

TIME 10:45

NOTES CHKD RHB

INST. NO. 75234

ROD NO. 1212 A.D.

DATE

T = 94°

F.B. 4123 PG. 207

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY STRADER WEATHER CLEAR INST. NO. 7523
NOTES BY PETERSON DATE 6-30-72 TIME 13:45 ROD NO. 12126
INDEXED G. J. GALLI DATE JUL 17 72 NOTES CHKD. RHB DATE
F.B. 4123 PG. 207
T= 114

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM 101-149									FROM BM 101-149 TO BM 101-148
1	38	354	339	5	128	031	429	5	BM 101-149
				73 70				159 62	S.P.R.R. 4.0 MILES SO OF
2	160	426	461	5	169	313	470	5	ROSAMOND BLVD CROSSING
				191 62				205 72	
				129 132				133 134	AT CULVERT 397.96
3	162	988	463	5	137	310	438	5	F.B. 2410-44
				195 66				169 64	
				129 198				105 198	
4	179	077	480	5	158	617	459	5	
				197 36				176 36	
	+ 540	845		234	593	271		234	T STRADER
					- 540	845		234	
					- 52	426		468	
BM 101-148									BM 101-148
									S.P.R.R. 0.75 MI. N. OF
									AVE 'C' EAST SIDE
									F.B. 3724-25

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM101-148	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-148 TO BM101-149
1	137	265	438 5	172 102 70	185	822	486 5	220 150 70	BM101-148
2	163	233	464 5	198 128 70	130	803	431 5	164 96 68	S.P.R.R. 0.75 MI No of AV "C" EASTSIDE
3	133	609	434 5	169 97 140 72	180	372	481 5	216 144 138 72	FB 3724-251
4	152	402	453 5	165 139 212 26	37	327	338 5	9 48 26 210 22	⊼ STRADER
	+ 586	509		238	534	324		234	
	- 534	324						238	
BM101-149 +	52	185						472	BM101-149
									S.P.R.R. 4.0 MI SO of ROSAMOND @ CULVERT 397.96 FB 2410-44

F.B. 4123 PG. 210 JOB NO. 0301.02

SURVEY OF LA CO. PRECISE LEVEL NET

SURVEY BY STRADER NOTES RODRIGUEZ 3 JULY 72

INDEXED C. J. GALLI DATE

WEATHER Windy TIME 11:05 NOTES CHKD RJB

INST. NO. 75234 ROD NO. 1212 DATE

T = 92°

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 = 82°
SURVEY BY R. L. STRADER WEATHER CLEAR & CALM INST. NO. 75234
NOTES BY R. ANDERSON DATE 7-JULY '72 TIME 10:15 ROD NO. 12124-A
INDEXED C. J. GALLI DATE JULY 17 '72 NOTES CHKD. DATE
F.B. 4123 PG. 21

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 101-149 TO B.M. 101-148
B.M. 101-149				61				178	B.M. 101-149
1	32 131	333	5	3 58	144 616	445	5	115 58	S.P.R.R., 4.0 MI. SOUTH OF
				203				191	ROSAMOND BLVD. X-ING AT
2	166 502	467	5	129 74	152 698	453	5	113 78	CULV. "397.96
				183 132				157 136	F.B. 2410-44
3	149 956	450	5	115 68	119 405	420	5	87 69	T = STRADER
				188 200				172 200	
4	170 517	471	5	152 36	154 650	455	5	136 36	
+	519 106			232	571 369			236	RERUN
					+ 519 106			236	
					- 52 263			472	
B.M. 101-148									B.M. 101-148
									S.P.R.R., 0.75 MI. NORTH
									OF AVE. 'C' (E. SIDE)
									F.B. 3724-251

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 101-150									FROM BM101-150 TO BM 101-149
1	51	381	352 5	88 14 74	184	588	485 5	226 148 74	BM101-150
									SIERRA HWY & 0.3 MI N.
2	197	411	498 5	227 167 60	174	568	475 5	206 142 64	OF AVE B AT HWY CULVERT
				134				138	E 407+90
3	127	459	428 5	159 95 64	151	140	452 5	182 120 62	F.B 2410-44
				198				200	
4	154	120	455 5	184 124 60	193	012	494 5	224 162 62	
				258				262	
5	163	730	464 5	196 130 66	165	692	466 5	196 134 62	⊼ RODRIGUEZ
				324				324	
6	158	683	459 5	188 128 60	139	749	440 5	170 108 62	
				384				386	
7	169	498	470 5	208 138 62	139	688	440 5	169 109 60	
				446				446	
8	138	892	439 5	159 117 42	59	192	360 5	80 38 42	
	+ 1161	174		488	-1207	629		488	
					-1161	174		488	
					- 46	455		976	
BM101-149									BM 101-149
									S.P.R.R. 4.0 MILES SO. OF
									ROSAMOND BLVD CROSSING
									AT CONC PIPE CULVERT 397.96
									F.B. 2410-44

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

SURVEY BY STRADER

NOTES BY PETERSON DATE 6-30-72 WEATHER CLEAR & CALM INST. NO. 75234

INDEXED C. J. GALLI DATE JUL 17 '72 TIME 09:20 ROD NO. 1212AB

NOTES CHKD PGB DATE

T-94

F.B. 4123 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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 101-149 TO B.M. 101-150
B.M. 101-149				73				173	B.M. 101-149
1	38	971	339 5	3 70	138	071	439 5	103 70	S.P. R.R. 4.0 SOUTH OF
				180				195	ROSAMOND BLVD. X ING,
2	144	923	445 5	108 72	160	470	461 5	125 70	AT CULV. # 397.96
				198 142				186 140	F.B. 2410-44
3	160	200	461 5	122 76	149	760	450 5	112 74	
				192 218				162 214	⊼ = RODRIBUEZ
4	155	622	456 5	118 74	125	500	426 5	88 74	
				184 292				163 288	
~~6~~ 5	147	653	448 5	110 74	126	649	427 5	89 74	
				188 366				194 362	
~~7~~ 6	156	310	457 5	124 64	159	729	460 5	124 70	
				184 430				207 432	
~~8~~ 7	161	780	462 5	138 46	188	138	489 5	169 38	
				165 476				38 470	
8	153	741	454 5	141 24	24	012	325 5	10 28	
	+ 1119	200		500	1072	329		498	
B.M. 101-150	1072	329						500	B.M. 101-150
	+ 46	871						998	SIERRA HWY, 0.3 MI. NO. OF AVE. "B" CULV. #@ 407+90 F.B. 2410-44

F.B. 4123 PG. 214 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 7-3-72

INDEXED C. J. GALLI DATE

WEATHER CLEAR & WINDY INST. NO. 75234

TIME 11:25 ROD NO. 1212A-C

NOTES CHKD RJB DATE

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
SURVEY BY R. STRADER
NOTES BY R.L.S. DATE JULY 7, '72 WEATHER Cloudy - Calm INST. NO. 15234
INDEXED E. J. GALLI DATE JULY 17 '72 TIME 9:25 ROD NO. 12 A-B
NOTES CHKD. RRS DATE
T = 88°
F.B. 4123 PG. 215

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
BM 101-150	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM BM 101-150 TO BM 101-149
1	55	197	356	5	92 18 74	174	500	475	5	211 137 74	BM 101-150
											SIERRA HIGHWAY, 0.3 MILE N.
2	177	740	478	5	217 137 80	181	511	482	5	221 141 80	OF AVE 'B' @ HWY. CULVERT
					154					154	G 407 + 90
3	148	232	449	5	185 111 74	158	619	459	5	195 121 74	EB 2410-44
					228					228	
4	137	129	438	5	174 100 74	152	230	453	5	189 115 74	
					302					302	
5	153	642	454	5	190 116 74	173	943	474	5	210 136 74	T R. RODRIGUEZ
					376					376	
6	155	851	456	5	192 118 74	120	781	421	5	157 83 74	
					450					450	
7	178	988	479	5	200 156 44	91	981	392	5	113 69 44	
	+ 1006	779			494 ✓	1053	565 ✓			494 ✓	RERUN
						+ 1006	779			494	
						- 46	786 ✓			988 ✓	
BM 101-149											BM 101-149 U.S.C.&G.S. (N 487)
											S.P.R.R., 4.0 MILES So. OF
											ROSAMOND ~~2.4 MILES~~ 35 FEET N. OF
											AVE 'B' @ CONC. PIPE CULVERT
											397.96 UNDER TRACKS
											F.B. 2410-44

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 101-151									FROM BM 101-151 TO BM 101-150
1	110	460	411 5	135 85 50	153	570	454 5	183 123 60	BM101-151
									S.P.R.R. 3.0 MILES SO OF
2	123	572	424 5	155 91 64	170	251	471 5	198 142 56	ROSAMOND BLVD CROSSING & AT
				114				116	L.A.-KERN CO. LINE CULVERT
3	138	142	439 5	170 106 64	161	100	462 5	193 129 64	#397.00
				178				180	F.B. 2410-45
4	130	338	431 5	154 106 48	147	060	448 5	170 124 46	
				226				226	
5	139	603	440 5	160 118 42	156	332	457 5	176 136 40	
				268				266	
6	137	410	438 5	148 126 22	11	412	312 5	(2) 23 11 22	T RODRIGUEZ
+	779	525		290	799	725		288	
					779	525		290	
					20	200		578	
BM 101-150									BM 101-150
									SIERRA HWY O. MIN.
									OF AVE B. AT CULVERT
									G 407+90
									F.B. 2410-44

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

SURVEY BY STRADER

NOTES BY PETERSON DATE 6-29-72

INDEXED C. J. GALLI DATE JUL 17 '72

WEATHER CLEAN & CALM

TIME 14:20

NOTES CHKD RGB

INST. NO 75236

ROD NO 1212AB

DATE

T=110

F.B. 4123 PG. 217

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. 101-150 TO B.M. 101-151
B.M. 101-150					78						187		B.M. 101-150
1	50	618	351	5	22	56	158	949	459	5	129	58	SIERRA HWY, 0.4 MI. NO.
					178						132		OF AVE. "B" - CULV. #@ 407+90
2	146	342	447	5	114	64	100	778	401	5	68	64	F.B 2410-44
					192	120					154	122	
3	157	073	458	5	122	70	119	431	420	5	84	70	
					184	190					178	192	⊼ = RODRIBUEZ
4	149	849	450	5	114	70	143	652	444	5	108	70	
					158	260					120	262	
5	142	870	443	5	126	32	103	889	404	5	86	34	
	+ 646	752				292	626	699				296	
B.M. 101-151	- 626	699										292	B.M. 101-151
	+ 20	053										588	S.P. R.R. 3.0 MI. SOUTH
													OF ROSAMOND BLVD. X-ING
													AT L.A.-KERN CO. LINE
													CULV. # 397.00
													F.B 2410-45

T = 102°

F.B. 4123 PG. 218 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE 3-JULY '72

INDEXED C. J. GALLI DATE

WEATHER CLEAR & WINDY INST. NO. 75234

TIME 13:20 ROD NO. 1212 B

NOTES CHKD [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.

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

SURVEY BY STRADER

NOTES BY PETERSON DATE 6-29-72

INDEXED C. J. GALLI DATE JUL 17 '72

WEATHER CLEAR 80 ALM

TIME 13:35

NOTES CHKD RGB

DATE

INST. NO. 75234

ROD NO. 1212AB

F.B. 4123 PG. 219

T=108

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM101-52									FROM BM 101-52 TO BM101-151
1	75	398	376 5	90 60 30	153	338	454 5	168 138 30	BM 101-52
									S.P. R.R. 0.4 MI N. OF
2	129	392	430 5	161 97 64	133	942	434 5	164 102 62	L.A.-KERN CO. LINE AT
				94				92	CULVERT #397-61-UNDER TRACK
3	129	308	430 5	159 99 60	151	258	452 5	182 120 62	FB. 2410-45
				154				154	
4	152	063	453 5	181 123 58	132	032	433 5	161 103 58	
				212				212	
5	120	345	421 5	150 90 60	134	180	435 5	164 104 60	
				272				272	∧ ANDERSON
6	145	535	446 5	174 116 58	130	528	431 5	159 101 58	
				330				330	
7	143	827	444 5	151 135 16	102	380	403 5	110 94 16	
	+ 895	868		346	-937	658		346	
					+895	868		346	
					- 41	790		6792	
BM101-151									BM101-151
									S.P. RR. 3.0 MILES SO. OF
									ROSAMOND BLVD CROSSING & AT
									L.A.-KERN CO. LINE. CULVERT
									#397.00
									F.B. 2410-44

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
BM101-151									FROM BM101-151 TO BM101-152
1	131	820	432 5	161 101 60	228	312	529 5	258 198 60	BM101-151
2	195	115	496 5	228 162 66	135	376	436 5	166 104 62	S.P.R.R. 3.0 mi SO of Rosamond Blvd
				126				122	FB 2410-44
3	125	242	426 5	156 94 62	154	384	455 5	184 124 60	
				188				182	
4	164	660	465 5	198 130 68	114	102	415 5	147 81 66	⊼ Anderson
				256				248	
5	115	868	416 5	149 81 68	127	018	428 5	162 127 70	
				324				318	
6	190	505	491 5	199 181 18	122	348	423 5	134 110 24	
	+ 923	210		342	881	540		342	
	− 881	540						342	
BM101-152	+ 41	670						684	BM101-152
									S.P.R.R. 0.4 mi No. of L.A. Kern Co. Line Culvert # 397-61 FB 2410-45

F.B. 4123 PG. 220 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Strader NOTES Rodriguez 3 July 72

INDEXED C. J. GALLI DATE

WEATHER Windy INST. NO. 75234

TIME 13:55 ROD NO. 12126

NOTES CHKD [illegible] DATE

T = 103°

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
BM101-53									FROM BM101-53 TO BM 101-52
1	130	957	431 5	163 97 66	142	225	443 5	174 110 64	BM101-53 (USCGS) (L487)
									So. PAC. RR. 2.1 MI So. OF
2	150	122	451 5	181 119 62	168	910	469 5	200 136 64	ROSAMOND BLVD CROSSING
				128				128	F.B. 2410-45
3	123	858	424 5	153 93 60	140	380	441 5	167 113 54	
				188				182	
4	122	844	423 5	152 92 60	156	074	457 5	188 124 64	
				248				246	
5	154	490	455 5	184 124 60	141	472	442 5	171 111 60	
				308				306	TANDERSON
6	113	312	414 5	143 83 60	143	528	444 5	173 113 60	
				368				366	
7	126	652	427 5	155 97 58	130	384	431 5	159 107 58	
				426				424	
8	100	458	401 5	114 86 28	83	322	384 5	98 68 30	
+	1022	693		454	1106	295		454	
					+ 1022	693		454	
					- 83	602		908	
BM101-52									BM101-52
									S.P. RR 0.4 MI N. OF
									L.A.-KERN CO. LINE AT
									CULVERT #397-61 UNDERTRACK
									F.B. 2410-45

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

SURVEY BY STRADER

NOTES BY PETERSON DATE 6-29-72

INDEXED C. J. GALLI DATE 11 7 72

WEATHER CLEAR & CALM

TIME 12:50

NOTES CHKD RAB

INST. NO. T5234

ROD NO. 121243

DATE

T=106

F.B. 4123 PG. 221

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. 4123 PG. 222 | JOB NO. 0301.02 | T = 100°
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY R.L.S. NOTES R. STRADER JULY 5, 12
INDEXED G. J. GALLI DATE
WEATHER CLEAR. CALM INST. NO 75234
TIME 10:20 ROD NO. 12 A-1
NOTES CHKD TMB DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-152 TO BM 101-153
BM 101-152									BM 101-152
1	87	593	388 5	120 54 66	137	822	438 5	170 104 66	S.P.R.R., 0.4 MILE N. OF
2	145	580	446 5	181 109 72	124	773	425 5	161 87 74	L.A.-KERN CO. LINE AT
				138		1 862			140
3	147	802	448 5	182 112 70	132	780	432 5	166 96 70	CULVERT #397-61 UNDER TRACKS
				208					210
4	154	598	455 5	189 119 70	113	637	414 5	148 78 70	FB 2410-45
				278					280
5	146	382	447 5	181 111 70	158	685	459 5	191 125 66	T. R. ANDERSON
				348					346
6	161	932	461 5	195 125 70	121	432	422 5	156 86 70	
				418					416
7	157	138	458 5	172 142 30	128	053	429 5	144 112 32	
	+ 1000025			448	916264				448
	- 916264								448
	+ 83761								896
BM 101-153									BM 101-153 U.S.C.&G.S. (L-487)
									S.P.R.R., 2.1 MILES S. OF
									ROSAMOND BLVD. CROSSING
									FB 2410-45

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY Strader

NOTES BY Rodriguez DATE 29 JUNE 72 WEATHER Clear TIME 10:35 INST. NO. 76234

INDEXED C. J. GALLI DATE [illegible] 1 7 72 NOTES CHKD. [illegible] DATE ROD NO. 1212AB

F.B. 4123 PG. 223

TE 98°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM101-154									FROM BM101-154 TO BM101-153
1	125	831	426 5	144 106 38	149	388	450 5	167 131 36	BM101-154
									SIERRA HWY 1.5 MI NO. of
2	143	271	444 5	176 110 66	154	810	455 5	186 122 64	L.A. KERN CO. LN
				104				100	CULVERT # A77-10
3	141	936	442 5	174 108 66	156	379	457 5	191 121 70	FB. 2410-45
				170				170	
4	156	002	457 5	188 124 64	149	393	450 5	181 117 64	⊼ PETERSON
				234				234	
5	151	251	452 5	184 119 64	152	858	453 5	186 118 68	
				298				302	
	183	793	484 5	216 150 66	159	900	460 5	190 128 62	
				364				364	
7	140	166	441 5	163 117 46	166	208	467 5	189 143 46	
				410				410	
8	152	932	453 5	184 120 64	135	926	436 5	167 103 64	
				474				474	
9	179	544	480 5	200 158 42	176	622	477 5	197 155 42	
+	1374	726		516	1401	484		516	
				+	1374	726		516	
BM101-153				−	26	758		1032	BM101-153 (U.S.C.&G.S.)(L487)
									SO. PACIFIC CO. R.R. 2.1 MI.
									SO. OF ROSAMOND BLVD CROSSING
									@ ROSAMOND
									F.B. 2410-45

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. 4123 PG. 224 JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET SURVEY BY R.L.S. NOTES R. STRADER JULY 5, '72 INDEXED C.J. GALLI DATE T= 100°

WEATHER CLEAR, CALM INST. NO. 75234 TIME 10:50 ROD NO. 12A-1 NOTES CHKD [illegible] DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	
BM 101-153				145				166	FROM BM 101-153 TO BM 101-154
1	116	472	417 5	87 58	137	374	438 5	108 58	BM 101-153, U.S.C.G.S. (L-487)
				206				191	S.P.R.R., 2.1 MILES S. OF
2	171	093	472 5	136 70	155	142	456 5	119 68	ROSAMOND BLVD. CROSSING,
				128				126	F.B. 2410-45
3	136	833	437 5	172 72	152	140	453 5	187 70	
				100 200				196	
4	142	555	443 5	175 66	145	770	446 5	181 72	
				109 266				268	
5	138	093	439 5	172 68	126	520	427 5	162 72	T R. ANDERSON
				104 334				90 340	
6	142	498	443 5	178 72	135	573	436 5	169 68	
				106 406				101 408	
7	145	122	446 5	170 50	107	140	408 5	132 50	
				120 456				82 458	
8	134	722	435 5	139 10	140	714	441 5	145 10	
	+ 1127388			129 466	1100373			135 468	
	- 1100373							466	
	+ 27015							934	
BM 101-154									BM 101-154
									SIERRA HWY., 1.5 MILES N.
									OF L.A.-KERN CO. LINE
									W. SIDE OF ROAD AT
									CULVERT # A 77-10
									FB 2410-45

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
BM101-155									FROM BM101-155 TO BM101-154
1	125	142	426 5	162 88 74	156	772	457 5	184 125 62	BM101-155 (U.S.C.&G.S)(K487)
									SO. PACIFIC R.R. 1.0 MI SO.
2	153	601	454 5	184 122 62	167	926	468 5	202 132 70	OF ROSAMOND BLVD. CROSSING
				136				132	CONC- BRIDGE # 394.97
3	164	566	465 5	198 130 68	171	440	472 5	207 135 72	FB. 2410-45
				204				204	
4	167	592	468 5	201 133 68	152	364	453 5	186 118 68	
				272				272	⊼ PETERSON
5	147	928	448 5	180 114 66	148	573	449 5	182 114 68	
				338				340	
	149	033	450 5	182 116 66	161	821	462 5	194 128 66	
				404				406	
7	163	297	464 5	182 144 38	142	170	443 5	160 124 38	
+	1071	159		442	1101	066		444	
					+ 1071	159		442	
BM101-154					- 29	907		884	BM101-154
									SIERRA HWY 1.5 MI NO. OF
									L.A. KERN CO. LN
									CULVERT # A 77-10
									FB 2410-45

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=94°

SURVEY BY STRADER

NOTES BY RODRIGUEZ DATE 29 JUNE 72 WEATHER Clear

INDEXED C. J. GALLI DATE JUL 17 '72 TIME 9:45 INST. NO. 75234

NOTES CHKD [illegible] DATE ROD NO. 1212 HB

F.B. 4123 PG. 225

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. 4123 Pg. 226 JOB NO. 0301.02 T=100°
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY R.L.S. NOTES R. STRADER July 5, 42
INDEXED C. J. GALLI DATE
WEATHER CLEAR-CALM INST. NO. 15234
TIME 11:30 ROD NO. 12ZA
NOTES CHKD. [illegible] DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM 101-154									FROM BM 101-154 TO BM 101-155
1	160	049	461	5 198 122 76	180	440	481	5 218 142 76	BM 101-154
2	161	451	462	5 199 123 76	153	520	454	5 191 115 76	SIERRA HWY., 1.5 MILES N.
				152				152	OF L.A. - KERN CO. LINE,
3	158	659	459	5 196 120 76	139	537	440	5 180 98 82	W. SIDE OF HWY. AT
				228				234	CULVERT # A 77-10
4	143	720	444	5 178 108 70	164	482	465	5 195 133 62	FB. 2410-45
				298				296	
5	175	212	476	5 211 139 72	161	679	462	5 198 124 74	T. R. RODRIGUEZ
				370				370	
6	152	749	453	5 185 119 64	122	160	423	5 154 90 64	
	+ 951	840		436	921	818		434	
	- 921	818						436	
	+ 30	022						870	
BM 101-155									BM 101-155, U.S.C.&G.S. (K-487) S.P.R.R., 1.0 S. OF ROSAMOND BLVD. CROSSING, CONCRETE BRIDGE # 394.97 FB. 2410-45

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	
T.B.M #1									FROM T.B.M #1 TO BM 101-155
1	121	667	422 5	156 86 70	135	928	436 5	170 100 70	T.B.M #1
									ON SIERRA HWY, SET
2	152 3	869	454 5	178 128 50	143	722	444 5	168 118 50	6" BOAT SPK IN POLE #
				120				120	5673 "T" W, SIDE OF ST.
+	275	536			289	650		120	
				+	275	536		240	
				−	04	114			⊼ PETERSON
BM 101-155									BM 101-155
									SO. PACIFIC R.R. 1.0 MI SO.
									OF ROSAMOND BLVD CROSSING
									CONC- BRIDGE # 394.97
									FB 2410-45

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

SURVEY BY STRADER WEATHER Clear T= 90°

NOTES BY RODRIGUEZ DATE 29 JUNE 72 TIME 9:25 INST. NO 75234

INDEXED C. J. GALLI DATE [illegible] NOTES CHKD [illegible] ROD NO. 1212AB DATE

F.B. 4123 PG. 227

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
BM101-155									FROM BM101-155 TO T.B.M #1
1.	135	904	436 5	171 99 72	172	219	473 5	208 136 72	BM101-155
									S.P.R.R. 1.0 mi SO. of
2.	163	165	464 5	189 137 52	122	714	423 5	148 96 54	Rosamond Blvd
				124				126	Bridge # 394.97
+	299	069			294	933		124	FB 24.10-45
−	294	933						250	
+	04	136							⊼ Strader
T.B.M #1									T.B.M #1
									ON Sierra Hwy
									Set 6" Boat Spk in
									Pole # 5673 "T" w/
									of side of St.

F.B. 4123 PG. 228 JOB NO. 8301.02

SURVEY OF L.A. CO. Precise Level Net

SURVEY BY S Mader NOTES Rodriguez 5 July 72

INDEXED C. J. GALLI DATE

WEATHER Clear/windy INST. NO. 75234

TIME 1310 ROD NO. 1212AC

NOTES CHKD [illegible] DATE

T = 102°

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
BM101-156									FROM BM101-156 TO T.BM #1 ~~101-156~~
1	141	485	442 5	163 119 44	173	598	474 5	193 151 44	BM101-156
									ON SIERRA HWY 0.35 MI
2	85	901 ~~943~~	386 5	120 50 70	162	069	463 5	197 127 70	S. of ROSAMOND BLVD, E
				114				114	SIDE of Rd.
3	127	829	428 5	159 95 64	209	357	510 5	241 177 64	FB 2410-46
				178				178	
4	95	391	396 5	126 64 62	166	319	467 5	197 135 62	⊼ STRADER
				240				240	
5	105	720	406 5	138 72 66	152	906	453 5	185 119 66	
				306				184 306	
	106	607	407 5	139 73 66	151	950	452 5	~~139~~ ~~73~~ 118 66	
	136	977	437	104 168 372				372	
7	~~151~~	~~950~~	~~452~~ 5	~~184~~ ~~118~~ 64	121	450	422 5	154 88 66	
				438				438	
8	114	498	415 5	136 92 44	144	832	445 5	165 123 42	
	+ 914	408		480	- 1282	481		480	-
					+ 914	408		480	
T.B.M #1					- 368	073		960	T.B.M #1 ON SIERRA HWY
									SET 6" BOAT SPK. IN POLE
									# 5673 "T" W. SIDE of ST.

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

SURVEY BY STRADER

NOTES BY RODRIGUEZ DATE 28 JUNE 72

INDEXED C. J. GALLI DATE M. 17 '72

WEATHER CLEAR

TIME 14:20

NOTES CHKD ROB

INST. NO. 75235

ROD NO. 1212AB

DATE

T=104°

F.B. 4123 PG. 229

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
T.B.M #1									FROM T.B.M #1 TO BM101-156
1	142	922	443 5	177 107 70	174	091	475 5	209 139 70	TBM #1
									SET BOAT 6" SPK IN
2	158	863	459 5	194 122 72	126	515	427 5	162 90 72	Pole # 5673 "T" W
								142	SIDE of SIERRA HWY E
3	170	220	471 5	204 136 68	144	431	445 5	177 111 66	FB
				210				208	
4	177	800	478 5	211 143 68	93	121	3 94 5	127 59 68	⊼ STRADER
				278				276	
5	185	810	486 5	220 150 70	101	162	402 5	136 66 70	
				348				346	
6	219	779	520 5	255 183 72	125	470	426 5	161 89 72	
				420				418	
7	188	456	489 5	223 153 70	110	078	411 5	144 76 68	
+	1243	850		490	874	868		486	
−	874	868						490	
BM101-156 +	368	982						976	BM101-156
									ON SIERRA HWY 0.35
									MI SO. of ROSAMOND
									BLVD E. SIDE of RD.
									FB. 2410-46

F.B. 4123 PG. 230 JOB NO. 030102 T=104°

SURVEY OF L.A. CO. PRECISE LEVEL NET WEATHER windy INST. NO. 25234

SURVEY BY Strader NOTES RODRIGUEZ 5 JULY 72 TIME 13:20 ROD NO. 1212

INDEXED C. J. GALLI DATE NOTES CHKD RAB 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
BM101-156									FROM BM101-156 TO T.B.M #1
1	112	977	413 5	149 75 74	222	739	523 5	257 185 74	BM101-156
2	125	520	426 5	162 88 74	205	159	506 5	241 169 72	ON SIERRA HWY 0.35 MI. S. OF ROSAMOND BLVD
3	114	238	415 5	151 77 74 148	178	634	479 5	215 141 74 146	E. SIDE OF Rd F.B. 2410.46
4	76	225	377 5	113 ½) 76 74 222	166	350	467 5	200 130 72 220	⊼ STRADER
5	140	796	441 5	175 105 70 296	174	074	475 5	211 137 74 292	RERUN
	149	902	450 5	183 115 68 366	145	124	446 5	180 110 70 366	
7	125	798	426 5	152 98 54 434	121	701	422 5	146 96 50 436	
+	845	456		488	1213	781		486	
					+ 845	456		488	
T.B.M #1					- 368	325		974	T.B.M #1
									ON SIERRA HWY SET 6" BOAT SPK IN POLE # WEST SIDE OF ℄

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

SURVEY BY STRADER WEATHER WINDY INST. NO 75234

NOTES BY RODRIGUEZ DATE 6 JULY 72 TIME 14:30 ROD NO 1212 MC

INDEXED C. J. GALLI DATE 1 7 72 NOTES CHKD RHB DATE

T=100°

F.B. 4123 PG. 231

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
T.B.M. #1				190				217	T.B.M. #1
1	150	522	451 5	110 80	177	742	478 5	137 80	SIERRA HWY, SET 6" BT.
				209				164	SPK. IN P.P.# W. SIDE
2	173	295	474 5	137 72	127	003	428 5	90 74	OF ℄
				199 152				178 154	
3	161	871	462 5	123 76	140	740	441 5	102 76	
				259 228				156 230	⊼ = STRADER
4	222	610	523 5	185 74	118	622	419 5	80 76	
				228 302				136 306	
5	193	345	494 5	158 70	102	871	403 5	68 68	RERUN
				222 372				132 374	
6	186	232	487 5	150 72	96	032	397 5	60 72	
				198 444				155 446	
7	181	176	482 5	164 34	137	863	438 5	119 36	
	+1269	051		478	900	873		482	
B.M. 101-156	-900	873						478	B.M. 101-156
	+368	178						960	SIERRA HWY, 0.35 MI.
									SOUTH OF ROSAMOND BLVD.
									F.B. 2410-46 E. SIDE

T = 960

WEATHER OVERCAST & CALM INST. NO. 75234

TIME 11:35 ROD NO. 1212 A.

NOTES CHKD. RB DATE

F.B. 4123 PG. 232 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 7-JULY '72

INDEXED C. 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. STRADER WEATHER CLEAR - CALM INST. NO. 75234
NOTES BY R. STRADER DATE JUNE 28, '72 TIME 13:50 ROD NO. 12124-B
INDEXED C. J. GALLI DATE JUL 12 '72 NOTES CHKD [illegible] DATE
T = 96°
F.B. 4123 PG. 233

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM 101-156B	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM BM 101-156B TO BM 101-156
1	87 308	388 5	19 87 ½	64	202 281	503 5	235 169	66	BM 101-156B
									IN ROSAMOND @ INT. OF
2	108 022	409 5	145 71	74	218 240	519 5	255 181	74	SIERRA HIGHWAY & ROSAMOND
				138				140	BLVD., N.W. CORNER
3	87 259	388 5	112 62	50	196 251	497 5	221 171	50	F.B. 3737-97
				188				190	
4	103 950	403 5	132 72	60	198 488	499 5	227 169	58	
+	385539			248	815 260			248	T. R. RODRIGUEZ
					+ 385539			248	
					= 429 721			496	
BM. 101-156									B.M. 101-156
									ON SIERRA HIGHWAY, 0.35 MILE
									S. OF ROSAMOND BLVD., E.
									SIDE OF ROAD
									F.B. 2410-46

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. 4123 PG. 234 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY: R.L.S. NOTES R. STRADER JULY 5, '72
INDEXED C. J. GALLI DATE
WEATHER CLEAR, WINDY INST. NO 75234
TIME 14:05 ROD NO. 12A-1
NOTES CHKD CJG DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	
BM 101-156											FROM BM 101-156 TO BM 101-156B
1	196	390	497	5	226 166 60	72	882	373	5	105 41 62	BM 101-156 SIERRA HIGHWAY, 0.35 S. OF ROSAMOND BLVD., E. SIDE OF ROAD F.B. 2A 10-46
2	247	611	548	5	284 210 74	148	860	449	5	185 111 74	
					134					136	
3	203	411	504	5	235 171 64	108	792	409	5	141 75 66	
					198					202	
4	252	292	553	5	282 222 60	139	379	440	5	167 111 56	
	+ 899	704	/		258	- 469	913	/		258	/
	- 469	913								258	
	+ 429	791	/							516	/
BM 101-156B											BM 101-156B IN ROSAMOND @ INT. OF SIERRA HWY. & ROSAMOND BLVD., N.W. COR. F.B. 3737-97

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.S. STRADER WEATHER CLEAR, CALM INST. NO. 75234
NOTES BY R.S. STRADER DATE JUNE 28, '72 TIME 13:10 ROD NO. 1212 A-B
INDEXED G.J. GALLI DATE 11/7/72 NOTES CHKD [illegible] DATE
T = 96°
F.B. 4123 PG. 235

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM 101-157									FROM BM 101-157 TO BM 101-156 B
1	138	780	439	5 154 / 122 32	197	400	498	5 214 / 180 34	BM 101-157, U.S.C. & G.S. (K-488)
									ON SIERRA HIGHWAY, 0.6 MILE
2	86	200	387	5 116 / 56 60	230	840	531	5 260 / 200 60	N'LY OF ROSAMOND BLVD., E.
				1 1/2 92				94	SIDE OF ROAD
3	80	500	381	5 114 / 49 62	239	803	540	5 271 / 208 64	F.B. 2410-46
				154				7 158	
4	97	810	398	5 126 / 66 60	227	670	528	5 257 / 197 60	
				214				218	
5	90	439	391	5 115 / 65 50	216	722	517	5 216 1/2 / 192 1/2 48	R. RODRIGUEZ
				264				266	
6	73	642	374	5 103 / 43 60	233	960	534	5 263 / 203 60	
				324				326	
7	82	371	383	5 114 / 50 64	226	330	527	5 258 / 194 64	
				388				390	
8	96	498	397	5 129 / 63 66	195	77 22/2	496	5 226 / 164 62	
+	746	240		454	1768	447		452	
					+ 746	240		454	
					= 1022	207		906	
B.M. 101-156 B									BM 101-156 B
									IN ROSAMOND @ SIERRA HIGHWAY
									& ROSAMOND BLVD., N.W. CORNER,
									F.B. 3737-97

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. 4/123 Pg. 236 JOB NO. 8301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R. STRADER JULY 6, '72

INDEXED D. J. GALLI DATE

T = 94°

WEATHER CLEAR. CAL. INST. NO. 75234

TIME 9:40 ROD NO. 12 A-B

NOTES CHKD [illegible] DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
BM 101-156B	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM BM 101-156B TO BM 101-157
1	213	310	514	5	250 176 74	86	499	387	5	124 48 76	BM 101-156B
2	248	286	549	5	283 213 70	87	501	388	5	122 52 70	IN ROSAMOND @ SIERRA HWY.
					144					146	& ROSAMOND BLVD., N.W. COR.
3	237	972	538	5	272 202 70	73	690	374	5	108 38 70	F.B. 3737-97
					214					216	
4	240	518	541	5	275 205 70	68	849	369	5	102 34 68	
					284					284	
5	243	908	544	5	278 208 70	65	878	366	5	100 30 70	T R. RODRIGUEZ
					354					354	
6	230	407	531	5	265 195 70	68	596	369	5	103 33 70	
					424					424	
7	184	903	485	5	199 169 30	126	110	427	5	141 111 30	
	+1599	304 ✓			454	577	123 ✓			454 ✓	
	-577	123								454	
	+1022	181 ✓								908 ✓	
BM 101-157											BM 101-157, U.S.C.&G.S. (K-488) ON SIERRA HIGHWAY, 0.6 N'LY OF ROSAMOND BLVD., E. SIDE OF ROAD F.B. 2410-46

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 101-158									FROM BM 101-158 TO BM 101-157
1	52	103	353 5	81 23 58	185	344	486 5	216 154 62	BM 101-158, U.S.G.S. (2407)
	11 ~~12~~								ON SIERRA HIGHWAY, 1.1 MILES
2	~~11~~	840	312 5	40 11 1/2 58	288	453	589 5	288 260 1/2 56	N'LY OF ROSAMOND BLVD., E.
				116				118	SIDE OF ROAD
3	14	518	315 5	44 14 1/2 60	233	222	534 5	263 ~~28~~ 203 60	FB. 2410-46
				176				178	
4	63	122	364 5	93 33 60	193	640	494 5	223 163 60	
				236				238	
5	70	155	371 5	99 41 58	213	442	514 5	240 186 54	⊼ R. ANDERSON
				294				292	
6	24	220	325 5	54 24 1/2 60	170	878	471 5	201 139 62	
				354				354	
7	135	638	436 5	148 122 26	159	102	460 5	172 146 26	
+	371	596		380	1444	081		380	
					+ 371	596		380	
					− 1072	485		760	
BM 101-157									BM 101-157, U.S.C.&G.S. (K-488)
									ON SIERRA HIGHWAY, 0.6 MILE
									N'LY OF ROSAMOND BLVD., ~~E~~ E.
									SIDE OF ROAD
									FB. 2410-46

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

SURVEY BY R. STRADER WEATHER CLEAR-CALM INST. NO. 75234

NOTES BY R. STRADER DATE JUNE 28, '72 TIME 11:05 ROD NO. 1212A-B

INDEXED C. J. GALLI DATE JUL 17 '72 NOTES CHKD [illegible] DATE

T=96°

F.B. 4123 PG. 237

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. 4123 PG. 238 | JOB NO. 0301.02 | SURVEY OF L.A.Co. PRECISE LEVEL NET | SURVEY BY R.L.S. | NOTES R. STRADER JULY 6, '72 | INDEXED C. J. GALLI | DATE | T = 98°

WEATHER Cloudy-Calm | INST. NO. 75234 | TIME 10:05 | ROD NO 12A-8 | NOTES CHKD CHB | DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	
BM101-157											FROM BM 101-157 TO BM 101-158
1	245	113	546	5	282 208 74	42	762	343	5	79 5 74	BM 101-157, U.S.C.&G.S. (K-488),
2	234	700	535	5	269 199 70	47	823	348	5	82 12 70	ON SIERRA HIGHWAY, 0.6 MILE
					144					144	N'LY OF ROSAMOND BLVD.,
3	228	710	529	5	263 193 70	59	574 40	360	5	94 24 70	E. SIDE OF ROAD
					214					214	F.B. 2410-46
4	237 0	438	531	5	265 195 70	28	053	329	5	54 28 1/2 72	
					284					286	
5	238	470	539	5	272 204 68	49	528	350	5	82 16 66	T R. ANDERSON
					352					352	
6	182	262	483	5	198 166 32	59	040	360	5	74 44 30	
	+ 1359	693			384	- 286	780			382	
	- 286	780								384	
	+ 1072	913								766	
BM101-158											BM 101-158 U.S.G.S. (2407) ON SIERRA HIGHWAY, 1.1 MILES N'LY OF ROSAMOND BLVD., E. SIDE OF ROAD F.B. 2410-46

76P526B CE # 308 8-68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 106°
SURVEY BY R. STRADER WEATHER CLOUDY-CALM INST. NO. 15234
NOTES BY R.L.S. DATE JULY 7, '72 TIME 14:35 ROD NO. 12 A-B
INDEXED C. J. GALLI DATE JULY 12 '72 NOTES CHKD [illegible] DATE
F.B. 4123 PG. 22

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM 101-158									FROM BM 101-158 TO BM 101-157
1	54	302	355	5	202	718	503	5	BM 101-158, U.S.G.S. (2407)
									ON SIERRA HIGHWAY, 1.1 MILES
2	78	008	319	5	290	147	591	5	N'LY OF ROSAMOND BLVD., E.
									SIDE OF ROAD
3	45	453	346	5	257	363	558	5	FB 2410-46
4	67	412	368	5	242	062	543	5	
5	79	667	380	5	247	567	548	5	R. ANDERSON
6	39	974	340	5	181	429	482	5	
7	138	882 940	439	5	154	848	455	5	
	+ 503	698			1576	134			
					+ 503	698			
					1072	436			RERUN
BM 101-157									BM 101-157, U.S.C.&G.S. (K-488)
									ON SIERRA HIGHWAY, 0.6 MILE
									N'LY OF ROSAMOND BLVD., E
									SIDE OF ROAD
									F.B. 2410-46

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 101-157									FROM BM 101-157 TO BM 101-158
1	157	832	458 5	179 135 44	108	840	409 5	131 85 46	BM 101-157, U.S.C.& G.S. (K-488
									ON SIERRA HIGHWAY, 0.6 MILE
2	241	325	542 5	277 205 72	23	648	324 5	59 1/2 23 1/2 72	N'LY OF ROSAMOND BLVD.,
				116				118	E. SIDE OF ROAD
3	187	027	488 5	221 153 68	48	827	349 5	81 15 66	FB 2410-46
				184				184	
4	215	314	516 5	249 181 68	14	411	315 5	47 1/2 14 1/2 ~~33~~ 66	
				252				250	
5	254	620	555 5	277 231 46	17	902	318 5	39 1/2 17 1/2 44	⊼ R. ANDERSON
				298				294	
6	219	330	520 5	249 189 60	73	014	374 5	104 42 62	
				358				356	
7	165	148	466 5	177 153 24	81	032	382 5	94 68 26	
+	1440	596		382	367	674		382	
-	367	674						382	
+	1072	922						764	RERUN
BM 101-158									BM 101-158, U.S.G.S. (2407)
									ON SIERRA HIGHWAY, 1.1 MILES
									N'LY OF ROSAMOND BLVD.,
									E. SIDE OF ROAD
									F.B. 2410-46

T = 108°

WEATHER CLOUDY-CALM INST. NO. 75234

TIME 13:55 ROD NO. 1212 A-

NOTES CHKD RGB DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R. STRADER JULY 7, '72

INDEXED G. J. GALLI DATE

F.B. 4123 PG. 240

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 101-158													FROM BM 101-158 TO BM 101-157
1	90	754	391	5	187 73	34	187	693	488	5	204 170	34	BM 101-158, U.S.G.S. (2407)
													ON SIERRA HIGHWAY, 1.1 MILES
2	22	030	323	5	55 22 ½	66	223	230	524	5	256 190	66	N'LY OF ROSAMOND BLVD., E.
						100						100	SIDE OF ROAD
3	42	802	343	5	76 8	68	229	151	530	5	263 195	68	FB. 2410-46
						168						168	
4	62	114	363	5	97 27	70	221	718	522	5	256 186	70	
						238						238	
5	31	772	332	5	67 31 ½	72	239	413	540	5	275 203	72	⊼ R. ANDERSON
						310						310	
6	36	086	337	5	70 2	68	217	318	518	5	252 182	70	
						378						380	
7	123	892	424	5	130 116	14	163	988	464	5	169 157	12	
+	409	450				392	1482	511				392	
						+	409	450				392	RE-RERUN
						−	1073	061				784	
BM 101-157													BM 101-157, U.S.C.&G.S. (K-488)
													ON SIERRA HIGHWAY, 0.6 MILE
													N'LY OF ROSAMOND BLVD.,
													E. SIDE OF ROAD
													F.B. 2410-46

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

SURVEY BY R. STRADER

NOTES BY R.L.S. DATE JULY 10, 1972

INDEXED C. J. GALLI DATE JUL 17 '72

WEATHER CLEAR-CALM INST. NO. 75234

TIME 9:20 ROD NO. 1212 A-B

NOTES CHKD. RHB DATE

T = 88°

F.B. 4123 PG. 241

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= 98°
SURVEY BY R. STRADER WEATHER CLEAR-CALM INST. NO. 15234
NOTES BY R. STRADER DATE JUNE 28, '72 TIME 10:55 ROD NO. 12 A-B
INDEXED E. J. GALLI DATE JUL 17 '72 NOTES CHKD LBB DATE
F.B. 4123 Pg. 243

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM 101-158A	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-158A TO BM 101-158
1	89	721	390	5					
				83 12	66	108	367	5	60 12
									12
									24
-	66	108							
+	23	613							
									BM 101-158A, U.S.C.&G.S. (K-1146) ON SIERRA HIGHWAY, 1.1 MILES N'LY OF ROSAMOND BLVD., E. SIDE OF ROAD E.B.
									T R. ANDERSON
BM 101-158									BM 101-158, U.S.G.S. (2407) ON SIERRA HIGHWAY, 1.1 MILES N'LY OF ROSAMOND BLVD., E SIDE OF ROAD E.B. 2140-46

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. 4123 PG. 244 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R. STRADER

INDEXED C. J. GALLI DATE

WEATHER CLOUDY-CALM INST. NO. 75234

TIME 10:40 ROD NO. 12 TRA-1

NOTES CHKD KWB DATE

T = 100°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 101-158	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-158 TO BM 101-158A
1	70	792	371	5	76 64	12	94	428	395	5	100 88	12	BM 101-158, U.S.G.S. (2407)
												12	ON SIERRA HIGHWAY, 1.1 MILES
							+ 70	792				24	N'LY OF ROSAMOND BLVD.,
							- 23	636					E. SIDE OF ROAD
													F.B. 2410-46
													T. R. ANDERSON
BM 101-158A													BM 101-158A
													ON SIERRA HIGHWAY, 1.1 MILES
													N'LY OF ROSAMOND BLVD.,
													E. SIDE OF ROAD
													F.B.

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 101-159 B									FROM BM 101-159B TO BM 101-158 A
1	53	887	354 5	63 43 20	271	365	572 5	281 261 20	BM 101-159 B, CALIF. STATE
									DIVISION OF HIGHWAYS T-24,
2	35	162	336 5	54 16 38	296	328	597 5	296½ 276½ 40	1.3 MILES N. OF ROSAMOND BLVD
				58				60	ON WEST FRONTAGE ROAD OF
3	40	360	341 5	50 30 20	174	272	475 5	184 164 20	ANTELOPE VALLEY FREEWAY.
				78				80	F.B.
4	141	048	442 5	161 121 40	198	290	499 5	219 177 42	
				118				122	
5	94	498	495 5	105 83 22	147	960	448 5	156 138 18	⊼ R. ANDERSON
+	364	955		140	1088	215		140	
				+	364	955		140	
				+	723	260		280	
BM 101-158 A									BM 101-158 A, U.S.C. & G.S. (K-1146)
									ON SIERRA HIGHWAY, 1.1 MILES
									N'LY OF ROSAMOND BLVD., E
									SIDE OF ROAD
									F.B.

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

SURVEY BY R. STRADER WEATHER CLEAR. CALM INST. NO. 75234

NOTES BY R. STRADER DATE JUNE 28, '72 TIME 10:20 ROD NO. 1212A-B

INDEXED C. J. GALLI DATE JUL 17 '72 NOTES CHKD RGB DATE

T=96°

F.B. 4123 Pg. 245

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4123 Pg. 246 JOB NO. 0301.02 T= 102°

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R. STRADER JULY 6, '72

INDEXED G. J. GALLI DATE

WEATHER Cloudy - Calm INST. NO. 15234

TIME 10:55 ROD NO. 12A-9

NOTES CHKD CAB DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
BM 101-158B	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM BM 101-158B TO BM 101-159B
1	214	168	515	5	240 188 52	115	267	416	5	141 89 52	BM 101-158B
											ON SIERRA HIGHWAY, 1.1 MILES
2	252	647	553	5	266 238 28	148	347	449	5	162 134 28	N'LY OF ROSAMOND BLVD.,
					80					80	E. SIDE OF ROAD
3	293	815	594	5	293 277 ½ 32	75	812	376	5	91 59 32	E.B.
					112					112	
4	274	542	575	5	283 265 18	14	172	315	5	23 5 18	
					130					130	
5	181	308	482	5	186 176 10	139	830 817	440	5	144 134 10	T R. ANDERSON
	+ 1216	535	/		140	493	428	/		140	/
	- 493	428								140	
	+ 723	107	/							280	/
BM 101-158B											BM 101-159B, CALIF. STATE DIVISION OF HIGHWAYS T-24, 1.3 N. OF ROSAMOND BLVD ON WEST FRONTAGE ROAD OF ANTELOPE VALLEY FREEWAY E.B.

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

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. STRADER WEATHER CLEAR, CALM INST. NO. 5234
NOTES BY R. STRADER DATE JUNE 28, '72 TIME 10:05 ROD NO. 12 A-B
INDEXED C. J. GALLI DATE MAY 17 '72 NOTES CHKD [illegible] DATE
T = 96°
F.B. 4123 Pg. 247

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 101-159A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-159 A TO BM 101-159 B
1	23	417	324	5	29 17	12	271	142	572	5	27.7 265	12	BM 101-159 A, U.S.C.&G.S. (G-1147)
													1.3 MILES N. OF ROSAMOND BLVD
2	92	252	393	5	97 87	10	153	189	454	5	158 148	10	ON WEST FRONTAGE ROAD OF
	+ 115	669				22	424	331				22	ANTELOPE VALLEY FREEWAY.
							+ 115	669				22	F.B.
							− 308	662				44	
													T. R. ANDERSON
BM 101-159B													BM 101-159 B, CALIF. STATE DIVISION OF HIGHWAYS T-24 1.3 MILES N. OF ROSAMOND BLVD ON WEST FRONTAGE ROAD OF ANTELOPE VALLEY FREEWAY. F.B.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4123 PG. 248 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R. STRADER JULY 6, '72

INDEXED C. J. GALLI DATE

WEATHER CLEAR, CALM INST. NO. 5234

TIME 11:30 ROD NO. 12 A-F

NOTES CHKD CJG DATE

T = 1020

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		
BM 101-159B													FROM BM 101-159B TO BM 101-159A
1	285	535	586	5	295 275	20	42	100	343	5	32 32	20	BM 101-159B, CALIF. STATE
													DIVISION OF HIGHWAYS T-24,
2	254	353	555	5	259 249	10	189	165	490	5	194 184	10	1.3 MILES N'LY OF ROSAMOND
	+ 539	888	✓			30	231	265	✓			30	BLVD. ON WEST FRONTAGE ROAD
	- 231	265										30	OF ANTELOPE VALLEY FREEWAY
	+ 308	623	✓									60	F.B.
													T. R. ANDERSON
BM 101-159A													BM 101-159A, U.S.C.&G.S. (G-1147)
													13 MILES N. OF ROSAMOND
													BLVD. ON WEST FRONTAGE ROAD
													OF ANTELOPE VALLEY FREEWAY
													F.B.

76P526B CE # 308 8/68

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

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. STRADER WEATHER CLEAR, CALM INST. NO. 15234
NOTES BY R. STRADER DATE JUNE 28, '72 TIME 9:55 ROD NO. 12A-13
INDEXED G. J. GALLI DATE JUL 17 72 NOTES CHKD RAB DATE
F.B. 4123 PG. 245
T=96°

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		
BM 101-159											FROM BM 101-159 TO BM 101-159 A
1	24	892	325	5 30 18	12	192	342	493	5 198 186	12	BM 101-159, U.S.C. & G.S. (F-1147)
										12	1.3 MILES N. OF ROSAMOND BLVD.
						+ 24	892			24	ON WEST FRONTAGE ROAD OF
						-167	450				ANTELOPE VALLEY FREEWAY
											F.B.
											A R. ANDERSON
BM 101-159A											BM 101-159A, U.S.C. & G.S. (G-1147)
											1.3 MILES N. OF ROSAMOND BLVD.
											ON WEST FRONTAGE ROAD OF
											ANTELOPE VALLEY FREEWAY.
											F.B.

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 101-159A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-159A TO BM 101-159
1	195	442	496	5	201 189	12	28	013	329	5	34 22	12	BM 101-159 A, U.S.C.&G.S. (G-1147)
												12	1.3 MILES N. OF ROSAMOND BLVD.
	- .28	013										24	ON WEST FRONTAGE ROAD OF
	167	429											ANTELOPE VALLEY FREEWAY
													F.B.
													R. ANDERSON
BM 101-159													BM 101-159, U.S.C.&G.S. (F-1147)
													1.3 MILES N. OF ROSAMOND BLVD
													ON WEST FRONTAGE ROAD OF
													ANTELOPE VALLEY FREEWAY
													F.B.

F.B. 4123 PG. 250 JOB NO. 0301.02 T = 104°

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R. STRADER JULY 6, '72

INDEXED C. J. GALLI DATE

WEATHER CLEAR - CALM INST. NO. 75234

TIME 11:45 ROD NO. 1212A

NOTES CHKD RLB DATE