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

Survey of L.A.Co. Precise Level Net F.B. 3789 Pg. 1
JN 0301.02 Tape Std °F
Surveyed by R.C. Bowers
Notes R.C.B. Date 12/68
Indexed [illegible] 1969

L. A. CO. PRECISE LEVEL NET

LINE 117 (F.B. 3789)

AND

A PORTION

OF

LINE 102

J.N. 0301.02

DEC. 1968

PARTY

BOWERS

ANDERSON

[illegible]

LOVE

RODRIGUEZ

NOT microfilmed.

F.B. 3787 Pg 8

NOTE:

LINE 117 IS FOUND IN F.B. 3788, as well as the Determination of "C" Notes from 11/6/48 to 12/5/48

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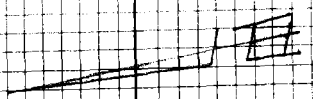
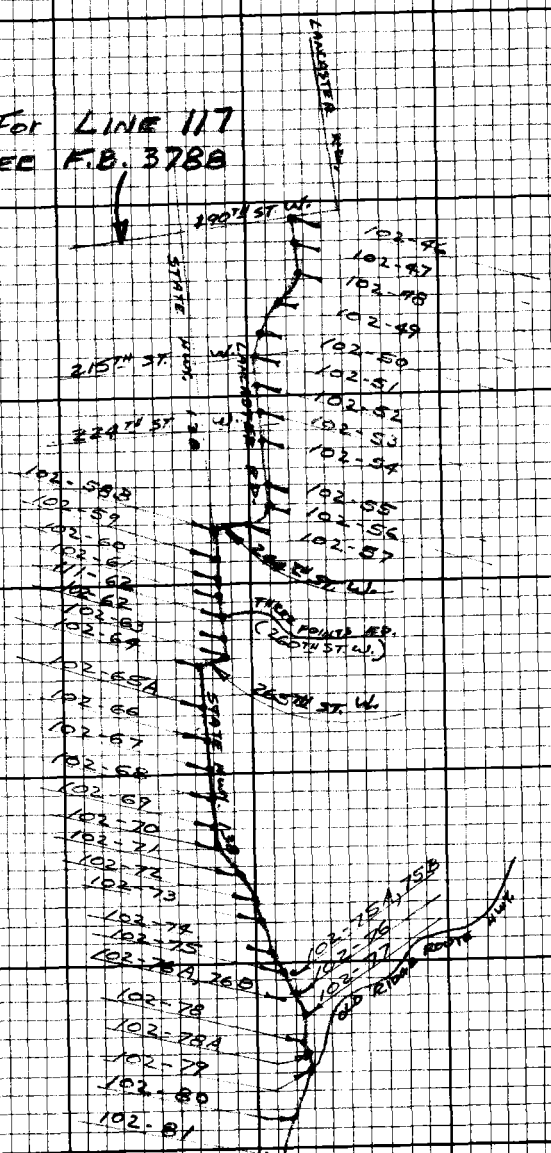
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of L.A.G. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by R.C. Bowers
Checked	Notes RCB Date 12/18/68
Date	Indexed C.L. GALLI

F.B. 3789 PG. 9

A PORTION OF LINE 102





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76F3098 CE#310 9-67

76P526 CE # 308 3-65

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=60° T=60°
SURVEY BY R.C. Bounds
NOTES BY R.C.B. DATE 12/6/68
INDEXED [illegible] DATE [illegible]
WEATHER Clear-Calm
TIME 9:45
NOTES CHKD [illegible] DATE [illegible]
INST. NO. 75234
ROD NO. 96-95
F.B. 3789 PG. 11

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						
1	159	323	460 5	161 / 157 4	165	010	466 5	193 / 137 56	56 MTRS (-) 4 MTRS = 52 MTRS = 0.2 MM
2	148	430	449 5	150 / 146 4	142	903	443 5	170 / 114 56	56 " (-) 4 " = 52 " = 0.2 MM
				8				112	Cur. Corr. = 0.4 MM
	307	753			307	913		-8	
					-	040		104	MTRS
					307	873			
					307	753			
					-	1.20 MM			

$$104 \overline{)1.200\ \text{MM}} = 0.011\ \text{MM} = \text{"C"}$$

104
160
104
56

π = Donlery

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	Near BACKSIGHT Rod					FAR FORESIGHT Rod					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM _____ TO _____
				DETERMINATION OF "C"							
1	103	769	404 5	105 101	4	132	720	433 5	160 104	56	56 mtrs (-) 4 mtrs = 52 mtrs = 0.2 MM
2	145	180	446 5	147 193	4	116	452	417 5	144 88	56	56 " (-) 4 " = 52 " = 0.2 MM
					8	249	172			112 8	
+	248	949				(-) 0.40	MM = CUR. CORR.				CUR. CORR = 0.4 MM
					—	249.132				104 mtrs.	
						248.949					
						— 1.83 MM					
						— .017 MM = "C"					
						104) 1.830					
						104					
						790					
						728					

T R. ANDERSON

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

SURVEY BY R. C. BOWERS

NOTES BY F. DONLEVY DATE 12-9-68

INDEXED [illegible] DATE

WEATHER Clear Calm INST. NO. 75234

TIME 11.00 ROD NO. 95-96

NOTES CHKD [illegible] DATE

F.B. 3789 PG. 13

T=60°

T=60°

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.C. Bowers R. Andersen DATE 12/10/68 WEATHER Overcast, Calm INST. NO. 75-234
NOTES BY [illegible] TIME 9:45 A.M. ROD NO. 9548
INDEXED DATE NOTES CHKD DATE
F.B. 3789 PG. 15

T = 55°
T = 55°

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM ____ TO ____
	DETERMINATION OF "C"								
			142		33 592	239 5	65		
1	160 323	461 5	158	4"	~~42 730~~	~~343~~ 5	~~49~~	1/2 56	56 MTRS. (-) 4 MTRS. = 52 MTRS = 0.2 MM
			70				222		
2	68 203	369 5	66	4"	199 953	495 5	166	56	56 " (-) 4 " = 52 " = 0.2 MM
				8"				112	CUR. COR. = 0.4 MM
								- 8	
	228 526				228 545			104	MTRS
	228 505				(-) 040				
	+ 021 MM				228 505				
									T DONLEVY
		+ .002 MM		= "C"					
	104 | 0.2100								
	208								
	20								

76P526 CE # 308 3-65

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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	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						
1	148	731	449 5	150 146 4	176	770	477 5	204 148 56	56 MTRS (-) 4 MTRS = 52 MTRS = 0.2 mm
2	153	766	454 5	155 151 4	125	843	426 5	153 97 56	56 " (-) 4 " = 52 " = 0.2 mm.
				8				112	CUR. COR. 0.4 mm
								-8	
	302	497			302	613		104	METERS
					(-)	040			
					302	573			
					302	497			
					(-)	0.76 mm			

T DONLEVY

$$104 \overline{)0.760} = -.007 \text{ mm} = \text{"C"}$$

728

32

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 12/11/68

INDEXED [illegible] DATE

WEATHER STRONG WIND INST. NO. 75234

TIME 9:45 A.M. ROD NO. 95496

NOTES CHKD [illegible] DATE FEB 14 68

T = 47°

F.B. 3789 PG. 17

76P526 CE # 308 3-65

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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	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF "C"								
1	155	150	456 5	157 / 153 4	124	080	425 5	152 / 96 56	56 MTRS, (−) 4 MTRS. = 52 MTRS = 0.2 MM
2	153	202	454 5	155 / 151 4	184	442	485 5	212 / 156 56	56 " (−) 4 " = 52 " = 0.2 MM
				8				112 MTRS.	CUR. COR = 0.4 MM
								− 8	
	308	352			308	522		104 MTRS	
					−	040			
					308	482			
					308	352			
					−	0.130 MM.			

↑ DONLEVY

(−) .012 MM = "C"

104) 1.30
104
260
208
52

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 12/12/68

INDEXED [illegible] DATE

WEATHER CLEAR & CALM T = 48° T = 48°

TIME 9:45 A.M.

NOTES CHKD [illegible] DATE

INST. NO. 75234

ROD NO. 95 & 96

F.B. 3789 PG. 19

76P526 CE # 308 3-65

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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	NEAR BACKSIGHT Rod				FAR FORESIGHT Rod				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			Determination of "C"						
1	158	587	459 5	160 156 4	150	105	451 5	177 121 56	56 mtrs (-) 4 mtres = 52 mtrs. = 0.2 MM
2	152	892	453 5	154 150 4	161	540	462 5	188 132 56	56 " (-) 4 " = 52 " = 0.2 MM
+	311	479		8	311	645		112	
					(-)	0.40		8	Cur. Corr. 0.4 MM
					311	6.05		104	mtrs.
					311	4.79			
					- 1.26 MM				

T R Rodriguez

- .012 MM = "C"

104) 1.260
104
220
208

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

SURVEY BY R.C. Bowers

NOTES BY T. Donlievy DATE 12-13-68

INDEXED [illegible] DATE

WEATHER Clear Chm INST. NO. 75234

TIME 9:45 ROD NO. 95-96

NOTES CHKD [illegible] DATE FEB 14 69

F.B. 3789 PG. 21

T=88°
T=88°

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY RC Bowers

NOTES BY Rodriguez R DATE 12-17-68

INDEXED [illegible] DATE

WEATHER Windy-Clear INST. NO 75234

TIME 9:35 ROD NO. 96-95

NOTES CHKD [illegible] DATE [illegible]

F.B. 3789 PG. 23

T=40 T=40

STATION	Near BACKSIGHT Rod RIGHT MIC.	LEFT.	STADIA	Far FORESIGHT Rod RIGHT MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			Determination of "C"				
						46	
			153	~~18 861~~	~~319 5~~	18(½ 56	
1	151 711	452 5	149 04	18 861	319 5		56 MTRS (-4) MTRS = 52 MTRS = 0.20 M
			131			290	
2	129 912	430 5	127 04	262 924	563 5	234 56	56 MTRS (-4) MTRS = 52 MTRS = 0.20 M
			08	281 785		112	CUR-CORR = 0.40 M
	281 623			-040		-08	
						104 M	
				281 745			
				- 281 623			
				- 1.22 MM			π = Anderson

- 0.11 MM = "C"

104 | 1.22
104
180
104
76

76P526 CE # 308 3-65

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

SURVEY BY R. C. Bowers

NOTES BY T. Donlevy DATE 12-18-68

INDEXED [illegible] DATE

WEATHER Clear Fresh Wind - T = 47° T = 47°

TIME 9:30

NOTES CHKD [illegible] DATE

INST. NO. 75234

ROD NO. 85-96

F.B. 3789 PG. 25

STATION	Near BACKSIGHT Rod				FAR FORESIGHT Rod				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM ____ TO ____
					Determination of "C"				
1	148 342	449 5	150 146	4	139 627	440 5	166 110	56	56 mtrs (-) 4 mtrs = 52 mtrs = 0.2 mm
2	149 802	450 5	151 147	4	158 602	459 5	186 130	56	56 " (-) 4 " = 52 " = 0.2 mm.
+	298 144			8	298 229			112	
					(-) 0.40 mm			8	CUR. CORR 0.4 mm
				-	298.189			104	mtrs.
					298.144				
				-	0.45 mm				

X Rodriguez, R. J.

-.004 mm = "C"

104) 0.450

416

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM _____ TO _____
	DETERMINATION OF "C"								
1	167 610	468 5	164 160	4	12 423	313 5	40 12 (1)	56	56 MTRS (-) 4 MTRS = 52 MTRS = 0.2 MM
2	142 030	443 5	144 140	4	297 403	598 5	297 269 (1)	56	56 " (-) 4 " = 52 " = 0.2 MM
				8				112	CUR. COR. 0.4 MM
								-8	
	309 640				309 826			104	MTRS
					(-) 040				
					309 786				
					309 640				
				-	0 146 MM				

T DONLEVY

- 0.014 MM = "C"

104) 1.460
104
420
416
4

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=44° T=44°

SURVEY BY P. C. BOWERS WEATHER CLEAR & CALM INST. NO 75234

NOTES BY R. ANDERSON DATE 12/23/68 TIME 10:20 A.M. ROD NO. 95896

INDEXED [illegible] GALLI DATE NOTES CHKD [illegible] DATE [illegible]

F.B. 3789 PG. 27

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						
1	42	~~550~~ 855	443 5	144 140 4	8	555	309 5	35 8(½) 54	54 MTRS (-) 4 MTRS = 50 MTRS = 0.2 MM
2	149	640	450 5	151 147 4	284	180	585 5	284 257 (½) 54	54 " (-) 4 " = 50 " = 0.2 MM
				8				108	Cur. Corr. = 0.4 MM
	292	495			292	735		- 8	
						- 040		100 MTRS	
					292	695			
					292	495			π Donlevy
						- 200 MM			
			~~.02~~ 100)2.00			- .020 MM = "C" 100)2.00 200 0			Adj. Inst. See next pg. for "C" after Adj.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=63° T=64°

SURVEY BY R. C. Bowers WEATHER Clear-Calm INST. NO. 75234

NOTES BY R.C.B. DATE 1/6/69 TIME 10:10 ROD NO. 95-96

INDEXED [illegible] DATE NOTES CHKD. [illegible] DATE FEB 14 '69

F.B. 3789 PG. 29

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT NEAR ROD				FORESIGHT FAR ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF "C"								
1	148	470	449 5	150 146 .4	281	170	582 5	281/254 (1/2) 54	54 MTRS (-) 4 MTRS = 50 MTRS = 0.2 MM
2	147	463	448 5	149 145 .4	14	745	315 5	41/14 (1/2) 54	54 " (-) 4 " = 50 " = 0.2 MM
				8				108	Cur. Corr. = 0.4 MM
	295	933			295	915		-8	
						-040		100 MTRS	
	295	875			295	875			
	+ 0.58 MM								π Donlevy

+ 0.005 MM = "C"

100) 0.580
.500
80

"C" after Adj.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-64 T-64

SURVEY BY R.C. Bowers WEATHER Clear-Lt. Breeze INST. NO 75234

NOTES BY R.C.B. DATE 1/6/69 TIME 10:25 ROD NO 95-96

INDEXED [redacted] DATE _____ NOTES CHKD [signature] DATE _____

F.B. 3789 PG. 31

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=72°

SURVEY BY R.C. Bowers WEATHER Clear Lt. Breeze INST. NO. 75234

NOTES BY RCB DATE 1/7/69 TIME 9:25 ROD NO. 85-96

INDEXED [redacted] DATE NOTES CHKD [illegible] DATE [illegible]

F.B. 3789 PG. 33

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				DETERMINATION of "C"					
1	154	389	455 5	156 152 4	135	492	436 5	162 108 54	54 MTRS (-) 4 MTRS = 50 MTRS = 0.2 MM
2	163	772	464 5	165 161 4	182	667	483 5	209 155 54	54 " (-) 4 " = 50 " = 0.2 MM
				8				108	Cur. Corr. = 0.4
	318	161			318	159		-8	
						-040		100 MTRS	
	318	119			318	119			
	+ 0.42 MM								π Rodriguez

+ .004 MM = "C"

100) 0.420 MM

400

20

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	Near BACKSIGHT Rod				Far FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				DETERMINATION of "C"					
1	139	035	440 5	141 137 04	25	582	326 5	52 25 54	54 MTRS − (4) MTRS = 50M = 0.20
2	152	586	453 5	154 150 04	266	188	567 5	293 239 54	54 MTRS − (4) MTRS = 50M = 0.20
	291	621		08	291	770		108	CUR-CORR = 0.40M
						−040		−08	
					291	730		100 MTRS	
					291	621			
						− 1.09 MM			π = ANDERSON
						− .001 MM = "C"			
					100	1.09			
						100			
						9			

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

SURVEY BY R.C. Bowers

NOTES BY Rodriguez R DATE 1-9-69

INDEXED [illegible] DATE

WEATHER Overcast INST. NO. 25234

TIME 10:15 ROD NO. 95

NOTES CHKD. [illegible] DATE FEB 14 69

T = 42

T = 42

F.B. 3789 PG. 35

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	Near BACKSIGHT Rod				FAR FORESIGHT Rod				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				Determination of "C"					
1	148	882	449 5	150 / 146 4	101	698	402 5	128 / 74 54	54 mtrs. (-) 4 mtrs = 50 mtrs -- 0.2 mm
2	158	345	459 5	160 / 156 4	205	704	506 5	232 / 178 54	54 " (-) 4 " = 50 " = 0.2 mm
	307	227		8	307	402		108	
					(-)	0.40		8	Curcorr. = 0.4 mm
					307	362		100 mtrs.	
					307	227			
					-1.35 mm				
					-.013 mm				T. R. Rodriguez
					100	1.35			
						100			
						350			
						300			

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

SURVEY BY F.C. Bowers

NOTES BY T.A. Donkerly DATE 1-10-69

INDEXED [illegible] DATE

WEATHER Clear Calm INST. NO. 25234

TIME 9:40 ROD NO. 95-96

NOTES CHKD [illegible] DATE

F.B. 3789 PG. 37

T = 56°
Tr 56°

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 570

SURVEY BY R.C. ROWERS WEATHER CLOUDY & ST. WIND INST. NO. 75234

NOTES BY R. ANDERSON DATE 1/13/69 TIME 10:50 A.M. ROD NO. 85 & 96

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE FEB 14 69

F.B. 3789 PG. 39

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"								
1	159	003	460 5	161 157 4	192	435	493 5	219 165 54	54 MTRS (-) 4 = 50 MTRS = 0.2 MM
2	154	542	455 5	156 152 4	121	415	422 5	148 94 54	54 " (-) 4 = 50 " = 0.2 MM
				8				108	COR, COR. = 0.4 MM
								− 8	
	313	545			313	850		100	MTRS
					−	040			
					313	810			
					313	545			
					−	0265	MM		

− 0.026 MM = "C"

100) 02.650

200

650

600

50

Before Adj.
See next pg. for "C" after Adj.

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 1/13/69

INDEXED [illegible] DATE

WEATHER Cloudy & Sp. Wind INST. NO. 75239

TIME 11:10 A.M. ROD NO. 95 & 96

NOTES CHKD. [illegible] DATE [illegible]

F.B. 3789 PG. 41

T = 570

T = 570

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM ____ TO ____
	DETERMINATION OF "C"								
1	156 068	457 5	158 / 154	4	189 322	490 5	216 / 162	54	54 MTRS (-) 4 MTRS. = 50 MTRS = 0.2 MM
2	152 913	453 5	154 / 150	4	119 621	420 5	146 / 92	54	54 " (-) 4 " = 50 " = 0.2 MM
				8				108	CUR. COR. 0.4 MM
								- 8	
	308 981				308 943			100 MTRS.	
	308 903				- 040 (CUR. COR.)				
	+ 0078 MM				308 903				

T DONLEVY

After Adj.

+ .007 = MM = "C"

100) 0.7800

700

80

76P526 CE # 308 3-65

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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 = 54°

SURVEY BY R.C. ROWERS WEATHER CLEAR & WIND INST. NO. 75234

NOTES BY R. ANDERSON DATE 1/14/69 TIME 9:35 A.M. ROD NO. 95596

INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE FEB 14 69

F.B. 3789 PG. 43

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						
1	152	256	453 5	154 150 4	88	716	389 5	115 61 54	54 MTRS (-) 4 MTRS = 50 MTRS = 0.2 MM
2	[illegible] 157	914	458 5	159 155 4 8	221	524	522 5	248 194 54	54 " (-) 4 " = 50 " = 0.2 MM
								108	CUR. COR. = 0.4
								-8	
	310	170			310	240		100	MTRS.
					-	040			
					310	200			
					310	170			
					-	0030	MM		
									π ONLEVY
					-		0.003	MM =	"C"
					100		0300		
							300		
							0		

76P526 CE # 308 3-65

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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.C. Bowers

NOTES BY RCB DATE 1/15/69

INDEXED [redacted] DATE

WEATHER Clear Mod. Wind INST. NO 75234

TIME 9:15 ROD NO 95-96

NOTES CHKD [illegible] DATE

F.B. 3789 PG. 45

STATION	Near BACKSIGHT Rod				Far FORESIGHT Rod				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
	Determination of "C"								
1	153	387	454 5	155 151 4	281	099	582 5	281 254 (1/2) 54	54 MTRS (-) 4 MTRS = 50 MTRS = 0.2 MM
2	137	917	438 5	139 135 4	10	188	311 5	3 27 10 ? 54	54 " (-) 4 " = 50 " = 0.2 MM
				8				108	Cur. Corr. = 0.4 MM
								-8	
	291	304			291	287		100 MTRS	
						-040			
	291	247			291	247			
	+ 0.57 MM								π Rodriguez

+ 0.005 MM = "C"

100) 0.570 MM

500

70

76P526 CE # 308 3-65

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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 _____ TO _____
				DETERMINATION OF "C"					
1.	139	712	440 5	141 / 137 4	131	076	432 5	158 / 104 54	54 MTRS (-4) M = 50 M = 0.20 MM
2.	130	068	431 5	132 / 128 4	138	702	439 5	165 / 111 54	54 MTRS (-4) M = 50 M = 0.20 MM
	269	780		8	269	778		108	CUR-CORR = 0.40 MM
	269	738				040		-8	
	+	042			269	738		100 M	

π = ANDERSON

+0.0.04 MM = "C"

100) 0.420

400

20

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 60° T = 60°

SURVEY BY R C BOWERS WEATHER Windy INST. NO. 75234

NOTES BY Rodriguez R DATE 1-16-69 TIME 1 10 ROD NO. 96 95

INDEXED [illegible] DATE _____ NOTES CHKD [illegible] DATE _____

F.B. 3789 PG. 47

76P526 CE # 308 3-65

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

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

SURVEY BY R.C. Bowers

NOTES BY Rodriguez R. DATE 1-17-69

INDEXED [illegible] DATE

F.B. 3789 PG. 49

T=60°

T=60° mod

WEATHER Windy [illegible] INST. NO. 752-34 [illegible]

TIME 9.25 ROD NO. 96-93

NOTES CHKD [illegible] DATE [illegible] 14 69

STATION	Near BACKSIGHT Rod				Far FORESIGHT Rod				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				DETERMINATION OF "C"					
1	138	118	439 5	140 / 136 04	137	766	438 5	164 / 110 54	54 MTRS (-4) M = 50 M = 0.20 MM
2	139 / 139	189	440 5	141 / 137 04	139	592	440 5	166 / 112 54	54 MTRS (-4) M = 50 M = 0.20 MM
	277	307		08	277	358		108	CUR-CORR 0.40 MM
						-0.40 MM		-8	
					277	3.18		100 M	
					277	308			
						-0.1 MM			

TT = ANDERSON

.0011 MM = "C"

100)0.100

100

10

76P526 CE # 308 3-65

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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 Near Rod				FORESIGHT Far Rod				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				DETERMINATION- OF "C"					
				131				201	
1	129	920	430 5	127 4	174	932	475 5	147 54	54 MTRS (-4) MTRS = 50M = 0.20 MM
				125				105	
2	123	857	424 5	121 4	78	872	379 5	51 54	54 MTRS (-4) MTRS = 50M = 0.20 MM
				8				108	CUR-CORR 0.40 MM
	253	777			253	804		-08	
	253	764				040		100 M	
					253	764			
	+ 0.13 MM								

π = ANDERSON

~~0.013 MM~~ = "C"
~~100) 0.130~~

+ .001 MM = "C"
100) 0.130
100
30

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

SURVEY BY R.C. BOWERS

NOTES BY Rodriguez R. DATE 1-22-69

INDEXED R.L. GALLI DATE

WEATHER T = 50 T = 50 cloudy Light wind

TIME 9:30

NOTES CHKD [illegible] DATE

INST. NO. 75-234

ROD NO. 96-85

F.B. 3789 PG. 51

76P526 CE # 308 3-65

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403 Los Angeles County Engineering Bldg.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY P.C. ROWERD DATE 1/23/69 WEATHER Cloudy/Calm INST. NO. 75239
NOTES BY R. ANDERSON TIME 9:15 A.M. ROD NO. 8196
INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE [illegible]
F.B. 3759 PG. 53

STATION	NEAR BACKSIGHT ROD			FAR FORESIGHT ROD			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
		DETERMINATION OF "C"					
1	147 Gb	448 5	149 / 145 4	76296	377 5	103 / 49 54	54 MTRS (-) 4 MTRS. = 50 MMS = 0.2 MM
2	155 522	456 5	157 / 153 4	226 763	527 5	253 / 199 54	54 × (-) 4 = 50" = 0.2 MM
			8			108 MTR.	CUR. COR. = 0.4 MM
						8	
	303 132			303059		100 MTRS	
	303 019			- 040			
+	0.113 MM			303 019			

T DONLEY

T = 46°
T = 46°

+ 0.011 MM. = "C"
100 | 1.130
100
130

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Near Rod				FORESIGHT Far Rod				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				DETERMINATION of "C"					
								75	
				132	48	592	549 5	21 54	
1	130	298	431 5	128 04					54 MTRS (-4) M = 50 M = 0.20 MM
				143				250 54	
2	141	658	442 5	134 04	223	477	524 5	196 108	54 MTRS (-4) M = 50 M = 0.20 MM
	271	956		08	272.069			-08	COR. CORR = 0.40 MM
					.040			100 M	
					272.029				
					271.956				
					-0.073 MM				

π = Anderson

-.007 MM = "C"

1001 -0.730

700

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

SURVEY BY R C Bowers

NOTES BY Rodriguez R DATE 1-27-69

INDEXED [illegible] DATE

WEATHER Fair-Mod INST. NO. 25234

TIME 9:30 ROD NO. 9695

NOTES CHKD. [illegible] DATE FEB 14 69

F.B. 3789 PG. 55

T = 40'

T = 40'

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY R.C. Bowers

NOTES BY R.C. DATE 1/28/69

INDEXED [illegible] DATE

F.B. 3789 PG. 57

T=32° Snowing

T=32° Snowing

WEATHER Cloudy-Lt Breeze INST. NO. [illegible]

TIME 9:30 ROD NO. [illegible]

NOTES CHKD [illegible] DATE [illegible]

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF "C"								
1	155	060	456 5	157 153 4	48	770	349 5	75 21 54	54 MTRS (-) 4 MTRS = 50 MTRS = 0.2 MM
2	169	103	470 5	171 167 4	275	280	576 5	275 248 (½) 54	54 " (-) 4 " = 50 " = 0.2 MM
				8				108	Cur. Corr. = 0.4 MM
	324	163			324	050		-8	
						-040		100 MTRS	
	324	010			324	010			
	+ 1.53 MM								

+.015 MM = "C"

100) 1.530

100

530

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						
1	168	916	469 5	170 166 4	295	018	596 5	295 (½) 54	54 MTRS (-) 4 MTRS = 50 MTRS = 0.2 MM
2	143	587	444 5	145 144 4	17	532	318 5	44 17 (½) 54	54 " (-) 4 " = 50 " = 0.2 MM
				8				108	Cur. Corr. = 0.4 MM
	312	503			312	550		-8	
						-040		100 MTRS	
					312	510			
					312	503			* Rodriguez
						-0.07 MM			

-.0007 MM = "C"

100) 0.0700

700

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

SURVEY BY R.C. Bowers

NOTES BY R.C.B. DATE 1/29/69

INDEXED [illegible] DATE

T = 32°

T = 33°

WEATHER Clear & Breezy

TIME 10:05

NOTES CHKD [illegible] DATE FEB 14 69

INST. NO. 75236

ROD NO. 95-96

F.B. 3789 Pg. 59

76P526 CE # 308 3-65

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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=68° T=68°
SURVEY BY R.C. BOWERS WEATHER SUNNY, CLEAR INST. NO. 15234
NOTES BY R.C. BOWERS DATE 12-6-68 TIME 1130 ROD NO. 95 & 96
INDEXED DATE NOTES CHKD DATE FEB 14 69
F.B. 3789 Pg. 61

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 102-96 TO BM 102-47
BM 102-46							BM 102-46 190TH ST. W. & AVE E-15 N. E. COR. F.B. 2412-50
1	211 742	512 5	243 64 179	124 823	425 5	155 62 93	
2	252 740	553 5	287 70 217	74 511	375 5	109 70 39	
3	236 992	537 5	269 134 203 66	53 070	354 5	86 132 20 66	
4	258 794	559 5	200 329 68	78 181	379 5	117 198 49 68	
5	251 451	552 5	285 268 217 68	67 462	368 5	100 266 39 66	T. B. SEIMANN
6	204 891	405 5	336 288 48	117 173	418 5	192 332 92 50	Note: #1 Rod = Rod 96 #2 Rod = Rod 95
			384			382 384	
	1416 610			515 220			766 Mtrs.
	515 220						
+	901 390						
BM 102-47							BM 102-47 AVE E-15 & 190TH ST W. & 0.5 MI. W. ℄ F.B. 2412-51

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM102-47 TO BM102-46
BM102-47									BM 102-47 AVE E-15 & 195 ST.W. ℄ F.B. 2412-51
1	79	062	380 5	104 54 50	172	341	473 5	197 147 50	
2	65	572	366 5	98 32 66	243	974	544 5	277 209 68	
3	46	452	347 5	80 12 68 116	227	230	528 5	261 193 68 118	
4	51	113	352 5	86 16 70 184	230	672	531 5	264 196 68 186	
5	63	590	364 5	99 27 72 254	244	602	545 5	279 209 70 254	
6	107	557	408 5	139 75 64 326	196	000	497 5	228 164 64 324	⊼ R. Anderson
				390				388	
	413	346			1314	819		390	
					413	346		778	mtrs.
					901	473			
BM102-46									BM ~~102~~ 102-46 AVE E-15 & 190 ST.W. N.E. COR. F.B. 2412-50

F.B. 3789 Pg. 62 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY R.C. Bowers NOTES T. Lindsay 12-9-68

INDEXED [illegible] DATE

WEATHER Clear-CA/M INST. NO. 75234

TIME 1:58 ROD NO. 95-96

NOTES CHKD [illegible] DATE [illegible]

T = 580
T = 580

76P526 CE # 308 3-65

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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 102-47 TO BM 102-48
BM 102-47									BM 102-47
1	283	969	584 5	283 250 ℄ 66	52	553	353 5	86 18 68	AVE E-15 ℄ 0.5 mi. W. of 190th ST. W.
2	274	221	575 5	308 240 68	37	972	338 5	70 4 66	℄ F.B. 2412-51
3	272	768	573 5	305 239 134 66	44	743	345 5	77 11 134 66	
4	281	440	582 5	281 247 ℄ 68 200	30	736	331 5	63 30 ℄ 66 200	
5	283	818	584 5	283 250 ℄ 66 268	19	850	320 5	53 19 ℄ 68 266	T B. Seimann
6	221	118	522 5	239 203 334 36	61	711	362 5	79 43 334 36	
7	234	213	535 5	248 220 370 28	97	496	398 5	111 83 370 28	
8	200	162	501 5	218 182 398 36	101	826	402 5	119 83 398 36	
				434				434	
	2051	709 ✓			446	887 ✓		434	
BM 102-48	446	887 ✓					MTRS.	868	BM 102-48
+	1604	822 ✓							AVE E-15 ℄ 200th ST. W. S.W. COR. F.B. 2412-52

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

SURVEY BY B.C. Bourdeus

NOTES BY T. Donlevy DATE 12-6-68

INDEXED [redacted] DATE

WEATHER Clear Calm INST. NO. 75234

TIME 1:20 ROD NO. 9596

NOTES CHKD. [illegible] DATE

T=70° T=70°

F.B. 3789 PG. 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 BM102-48 TO BM102-47
BM 102-48									BM 102-48
									AVE E-15 & 200TH ST.W.
1	82	247	383 5	100 / 64 36	182	210	483 5	201 / 163 34	S.W. COR.
									F.B 2412-52
2	79	498	380 5	93 / 65 28	220	250	521 5	234 / 206 28	
				64				62	
3	43	165	344 5	60 / 26 34	188	559	489 5	207 / 169 38	
				98	300	679	601 5	300 / 266 100	
4	14	742	315 5	48 / 14 68	~~253~~	~~783~~	~~559 5~~	~~[illegible]~~ / ~~220~~ 66	
				166				166	
5	28	532	329 5	61 / 28 66	265	783	566 5	299 / 231 68	
				232	282			234	
6	52	411	353 5	85 / 19 66	~~283~~	848	583 5	282 / 249 66	T. R. Anderson
				298				300	
7	46	437	347 5	80 / 12 68	282	573	583 5	282 / 249 66	
				366				366	
8	36	567	337 5	70 / 2 68	265	724	566 5	298 / 232 66	
				434				432	
	383	599			1988	626		434	
					383	599		866	MTRS.
					1605	027			
BM102-47									BM 102-47
									AVE. E-15 & 195TH ST.W.
									℄
									F.B. 2412-51

T = 580
T = 580

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY R.C. Bowers, T. Dunlevy 12-9-68 WEATHER Clear Calm INST. NO. 75234

INDEXED [illegible] DATE NOTES TIME 1:13 NOTES CHKD [illegible] ROD NO. 95-96 DATE

F.B. 3789 PG. 64 JOB NO. 0301.02

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. C. Bowers
NOTES BY J. Donahoo DATE 11-6-68 WEATHER Clear TIME 1:55 INST. NO. 7528
INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE [illegible] ROD NO. 85-12
F.B. 3789 Pg 65

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM BM 102-48 TO BM 102-49
BM 102-48							BM 102-48 Ave E-15 & 200th St. W. S.W. Cor. F.B. 2412-52
1	205 090	506 5	240 170 70	186 018	487 5	222 150 72	
2	144 692	445 5	180 108 72	116 932	417 5	151 81 70	
3	133 792	434 5	168 98 70	90 975	391 5	125 55 70	
4	115 703	416 5	150 80 70	189 312	490 5	214 144 70	
5	106 565	407 5	141 71 70	172 503	473 5	212 142 70	T B. Seiman
6	146 760	447 5	140 132 8	107 158	408 5	154 64 90	
	852602 ✓		390	862 898 ✓		390 ✓	
				852 602 ✓		390 ✓	
				10 296 ✓		780 ✓	MTRS.
BM 102-49							BM 102-49 (USC&GS-X-305) 1939 Lancaster Rd & 0.45mi N.W. of E-15 Ave. S.W. of ℄ F.B. 2412-53

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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM102-49 TO BM102-48
BM102-49									BM102-49 (USC&GS-X-305-1935)
1	93	235	394 5	106 80 26	130	328	431 5	133 117 26	LANCASTER Rd & 0.45 mi.
2	149	118	450 5	184 114 70	100	258	401 5	135 65 70	N.W. of AVE E-15 &
3	182	653	483 5	218 146 72 96	94	012	395 5	129 59 70 96	S.W. of ℄ F.B. 2412-53
4	63	029	364 5	98 28 70 168	127	602	428 5	162 92 70 166	
5	115	060	416 5	151 79 72 238	121	201	422 5	157 85 72 236	T. R. ANDERSON
6	165	089	466 5	200 130 70 310	184	331	485 5	219 184 70 308	
				380				378	
	768	184			757	732		380	
	757	732						758	MTRS.
	10	452							
BM102-48									BM 102-48 AVE E-15 & 200TH ST. W. S.W. COR. F.B. 2412-52

T = 60°
T =

F.B. 3789 PG. 66 VOR NO. 0301-02

SURVEY OF U.S. COUNTY PRECISE LEVEL NET

SURVEY BY R.C. Powers T. Powers 12-9-68 WEATHER Clear Calm INST. NO. 75234

INDEXED [illegible] NOTES TIME 11:20 ROD NO. 95-96

DATE NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

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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 BM102-49 TO BM102-50
BM10249									BM102-49 (US3166) (USC&GS-X-305)
1	65	728	366 5	99 65 (±) 68	235	497	536 5	268 202 66	Lancaster Rd & 0.45 mi. N.W. of Ave. E-15.
2	152	762	453 5	186 118 68 136	168	595	469 5	202 134 68 134	S.W. of ℄ F.B. 2412-53
3	152	793	453 5	186 118 68 204	201	032	502 5	234 168 66 200	
4	98	137	499 5	132 64 68 ~~272~~ 273	236	932	537 5	270 202 68 ~~208~~ 268	A. R. Rodriquez
5	53	632	354 5	88 20 68 ~~280~~ 288	223	762	524 5	257 189 68 ~~276~~ 336	
6	73	978	374 5	106 40 66 ~~346~~ 406	198	941	499 5	232 164 68 ~~344~~ 404	
7	108	493	409 5	123 91 34 ~~380~~ 440	197	249	498 5	214 180 34 ~~378~~ 438	
8	138	640	439 5	143 133 10 ~~390~~ 450	68	492	369 5	73 63 10 ~~388~~ 448	
	844	163			1530	500		~~390~~	
BM102-50					844	163	MTRS.	~~778~~	BM102-50
				—	686	337			Lancaster Rd. & 1.0 mi. N.W. of Ave E-15. S.W. of ℄ F.B. 2412-54
								448	
								450	
								578 MTRS	

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

SURVEY BY R. E. Bowers

NOTES BY [illegible] DATE 12-13-68

INDEXED [illegible] DATE

WEATHER Clear Calm

TIME 10:00

NOTES CHKD. [illegible] DATE 12-14-68

INST. NO. 25234

ROD NO. 95-96

F.B. 3789 Pg. 67

T=58° T=62°

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Do not extend notes this side of this line.

F.B. 3789 Pg. 68 — JOB NO. 0301.02 — SURVEY OF U.S.C. COUNTY PRECISE LEVEL NET — SURVEY BY R.C. Bowker & J. Gentry 12-11-68 — INDEXED [illegible] DATE

INST. NO. 75239 — ROD NO. 95-96 — DATE — NOTES CHKD DLT — TIME 10:20 — WEATHER HAZY FRM WND — T=51° T=30°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-50 TO BM 102-49
BM 102-50									BM 102-50 Lancaster Rd. & 1.0 mi. N.W. of Ave E-15 S.W. of ℄ F.B. 2912-54
1	72 930		373 5	98 66 12	115 802		416 5	120 110 10	
2	189 811		490 5	206 172 34	127 412		428 5	144 110 34	
3	212 761		513 5	246 178 68	78 441		379 5	112 44 68	
4	221 390		522 5	255 187 68	58 270		359 5	92 24 68	T R.J. Rodriguez
5	239 102		540 5	272 206 66	91 418		392 5	125 57 68	
6	189 592		490 5	223 155 68	164 ~~165~~ 926		465 5	197 131 66	
7	180 105		481 5	214 146 68	137 130		438 5	170 104 66	
8	222 122		523 5	256 188 68	67 740		368 5	107 67 68	
	1527 313 ✓			452 ✓	841 139 ✓			448 ✓ 452 ✓	
	841 139 ✓							900 ✓	mtrs.
+	686 174 ✓								
BM 102-49									BM 102-49 (US 3166) USC & GS - X-305 Lancaster Rd. & 0.45 mi. N.W. of Ave E-15 S.W. of ℄ F.B. 2912-53

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM102-50 TO BM102-51
BM102-50									BM102-50
1	55	475	356 5	88 55 (2) 66	272	437	573 5	272 238 (2) 68	Lancaster Rd & 1.0 mi. N.W. of Ave E-15 S.W. of ℄ F.B. 2412-54
2	42	833	343 5	76 9 68	276	205	577 5	276 243 (2) 66	
3	55	432	356 5	134 88 22 66	251	112	552 5	134 286 218 68	
4	46	162	347 5	200 81 11 70	191	688	492 5	202 228 158 70	⊼ R. Rodriguez
5	145	551	446 5	270 176 114 62	216	513	517 5	272 249 183 66	
6	153	237	454 5	332 187 119 68	201	216	502 5	338 234 168 66	
7	84	019	385 5	400 118 50 68	183	729	484 5	404 216 150 66	
8	158	889	459 5	468 169 147 22	156	388	457 5	470 168 144 24	
				490				494	
	741	598			1749	288		490	
					741	598		984	mtrs.
					1007	690			
BM102-51									BM102-51 Lancaster Rd & 1.65 mi. N.W. of Ave E-15 S.W. of ℄ F.B. 2412-55

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

SURVEY BY R.C. Bowers

NOTES BY T. Dongrey DATE 12-13-68

INDEXED [illegible] DATE

WEATHER Clear Calm TIME 10:27

NOTES CHKD [illegible] DATE

T=62° T=50°

F.B. 3789 PG. 69

INST. NO. 75234

ROD NO. 95-96

PLEASE RETURN TO

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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 BM102-51 TO BM102-50
BM102-51									BM102-51 Lancaster Rd. & 1.65 mi. N.W. of AVE. E-15 S.W. of ℄ F.B. 2412-55
1	~~155~~	~~483~~	~~456.5~~	~~168/142 26~~	~~147~~	~~252~~	~~448.5~~	~~158/136 22~~	
2					~~88~~	~~187~~	~~389.5~~	~~122/54 68~~	
3			5						
4							5		π R. Rodriguez
5			5						
6							5		
7			5						
8							5		
	Levels halted due to excessive strong wind.								MTRS.
BM102-50									BM102-50 Lancaster Rd. & 1.0 mi. N.W. of E-15 S.W. of ℄ F.B. 2412-54

F.B. 3789 PG. 70 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRE-[illegible] LANET

SURVEY BY R. C. Bauer [illegible] Jordan 12-1-68

INDEXED [illegible] DATE

WEATHER Fresh Strong WIND INST. NO. 75234

TIME 1:05 ROD NO. 93-96

NOTES CHKD [illegible] DATE FEB 14 68

T=50° clear
T=50°

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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. 3789 PG. 72 JOB NO. 0301.02 INST. NO. 25234

SURVEY OF L.A. COUNTY PRECISE LEVEL NET ROD NO. 05-06

SURVEY BY R.C. Bowles, Worley, 12-18-67 TIME 9:45 WEATHER Fresh Wind 1 Haze T=47° F=42°

INDEXED DATE NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									From BM102-51 To BM102-50
BM102-51									BM 102-51 Lancaster Rd. & 1.65 mi. N.W. of Ave. E-15 S.W. of ℄ F.B. 2412-55
1	157 627		458	5 169 145 24	155 177		456	5 166 144 22	
2	189 934		490	5 222 156 66	89 744		390	5 122 56 66	
3	201 632		502	5 234 168 66 90	157 331		458	5 190 129 66 88	
4	216 213		517	5 247 185 62 156	145 626		446	5 176 114 62 154	
5	193 812		494	5 226 160 66 218	46 033		347	5 81 11 70 216	
6	274 010		575	5 279 241 (66 284	76 520		377	5 109 43 66 286	T R.J. Rodriguez
7	290 492		591	5 290 256 (68 350	55 551		356	5 88 22 66 352	
8	267 918		568	5 302 232 70 418	57 55 932		358	5 90 68 18	
	1791 638 ✓			488	783 914 ✓			486 ✓ 488	
	783 914 ✓							974 ✓	Notes.
BM102-50	1007 724 ✓								BM. 102-50 Lancaster Rd. & 1.0 mi. N.W. of E-15 S.W. of ℄ F.B. 2412-54

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY T. Rodriguez R. Co. Bowers WEATHER Clear INST. NO. 55231
NOTES BY T. Rodriguez DATE 12-13-68 TIME 10:57 ROD NO. 9548
INDEXED DATE NOTES CHKD DATE FEB 14 68
F.B. 3789 Pg. 73

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM102-51 TO BM102-52
BM102-51									BM102-51 Lancaster Rd. & 1.65 mi. N.W. of Ave. E-15 S.W. & F.B. 2412-55
1	109	701	410 5	142 76 66	202	741	503 5	236 168 68	
2	68	967	369 5	102 34 68	165	915	466 5	198 132 66	
3	142	193	443 5	176 134 108 68	274	142	575 5	274 134 240 268	
4	45	688	346 5	62 202 28 34	200	507	501 5	216 202 184 32	
5	117	182	418 5	150 236 84 66	153	300	459 5	186 234 120 66	T R. Rodriguez
6	124	765	425 5	145 302 103 42	127	302	428 5	148 300 104 42	
	608	496 ✓		374 ✓	1123	907 ✓		342 ✓	
					608	496 ✓		344 ✓	
					515	411 ✓		686	Mtrs.
BM102-52									BM102-52 Lancaster Rd. & 0.8 mi E. of 224th St. W. N. of & F.B. 2412-56

T = 50°
H = 47%

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 3789 Pg. 74 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY R.C. Lawson / L. Conboy DATE 12-12-68

INDEXED DATE

NOTES CHKD DATE

TIME 11:20 WEATHER Fresh Wind INST. NO. 75234

ROD NO. 95-96

T = 49°
T = 47°

Leon

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT. STADIA	FROM BM102-52 TO BM102-51
BM102-52								BM102-52 0.8
1	124	214	425 5	146 102 44	120	093	421 5 140 100 40	LANCASTER Rd & ~~1.65~~ Mi
2	150	701	451 5	182 118 64	110	727	411 5 142 78 64	~~N.W.~~ of ~~AVE~~ E-15
3	199	712	500 5	215 183 32 108	49	358	350 5 65 33 104 32	~~S.W.~~ of & E of 22ND ST W
4	271	912	572 5	271 238 (1/2) 66 140	131	087	432 5 169 98 136 66	F.B. 2412-55
5	168	058	469 5	202 139 206 68	83	522	384 5 116 50 202 66	T R. Rodriguez
6	195	442	496 5	228 162 274 66	100	000	401 5 134 66 268 68	
	1110	039 ✓		340			336 ✓	
	594	787 ✓			594	787 ✓	340	
+	515	252 ✓					676	MTRS.
BM102-51								BM102-51
								LANCASTER Rd & 1.65 Mi
								N.W. of AVE. E-15
								S.W. of &
								F.B. 2412-55

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. E. Bowers
NOTES BY T. D. Rodriguez DATE 12-13-68 WEATHER Clear CALM INST. NO. 2 F234
INDEXED [illegible] DATE [illegible] TIME 11:35 ROD NO. 85-26
NOTES CHKD [illegible] DATE FEB 14 '69
T = 48° T = 50°
F.B. 3789 Pg. 75

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 102-52 TO BM 102-53
BM 102-52							BM 102-52 Lancaster Rd. & 0.8 mi. E. of 224TH ST. W. N. of E. F.B. 2412-56
1	84 563	385 5	117 51 66	161 098	462 5	194 128 66	
2	114 675	415 5	148 80 68	192 311	493 5	225 159 66	
3	119 838	920 5	152 134 86 66	160 438	461 5	194 132 126 68	
4	144 042	445 5	178 200 110 68	169 172	470 5	202 200 136 66	
5	118 649	419 5	152 268 84 68	121 177	422 5	154 266 88 66	T. R. Rodriguez
6	261 127	562 5	294 336 228 66	33 535	334 5	66 332 33 6 66	
7	185 792	486 5	194 402 176 18	120 948	421 5	129 398 111 18	
8	173 648	474 5	182 420 164 18	121 846	422 5	132 416 110 22	
			438			438 ✓	
	1202 334 ✓			1080 525 ✓		438 ✓	
	1080 525 ✓					876	METRS.
	121 809 ✓						
+ BM 102-53							BM 102-53 (US3165) (USCFGS W-305) AVED-15. E. 0.25 mi. E. of 224TH ST. W. N. of E. F.B. 2412-57

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F.B. 3789 Pg. 76 JOB NO. 0306.02
SURVEY OF L.A. COUNTY PRECISE LEVEL NET
SURVEY BY R.C. Hancock, T. Hurley, D. Hall DATE May 17, 68
INDEXED DATE
NOTES CHKD DATE
TIME 10:35 WEATHER Clear, Windy ROD NO. 1514 ST. NO. 7523
T= 46° T= 44°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM102-53 TO BM102-52
BM102-53									BM102-53 (U.S. 3145)
									U.S.C.&G.S. W. 305
1	124	165	425 5	132 116 1.6	176	195	477 5	188 164 24	AVE-D-15 0.25 MI
									East of 224TH ST.
2	106	725	407 5	116 96 20	180	521	481 5	190 170 20	F.B. 2412-57
								44	
3	34	862	335 5	68 39 36	251	940	552 5	284 218 66	
				68 104				100	
4	129	308	430 5	163 95 68	136	212	437 5	170 102 68	
				172				178	
5	164	623	465 5	295 120 88	131	652	432 5	184 98 86	TT Rodriguez
				260				264	
6	201	159	502 5	234 168 66	164	538	465 5	197 131 66	
				326				330	
7	199	765	500 5	232 166 66	117	707	418 5	150 84 66	
				392				396	
8	159	822	460 5	192 126 66	83	669	384 5	116 50 66	✓
				458				462	✓
	1120	429	✓		1242	434	✓	458	✓
					1120	429	✓	920	M/TRS.
					— 122	005	✓		
BM102-52									BM102-52 0.8
									LANCASTER-Rd E ~~1.65 MI~~
									~~N.W. of HWY 15~~ E. of
									~~S.W. of E~~ - 224TH ST.W.,
									F.B. 2412-56

76P526 CE # 308 3-65

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

SURVEY BY R.C. BOWERS

NOTES BY [illegible] DATE 12-13-68

INDEXED [illegible] DATE

WEATHER Clear Calm

TIME 1:12

NOTES CHKD [illegible] DATE

F.B. 3789 PG. 77

T=40° T=50°

INST. NO. 75234

ROD NO. 95-06

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM102-53 TO BM102-54
BM102-53									BM102-53 (US316S)
				202	36		337	70	USC&GS W-305)
1	169	370	470 5	136 66	~~35~~	099	~~337~~ 5	2 68	AVE-D-15, 0.25 Mi East
				271				46	of 224th ST
2	237	322	538 5	203 68	12	534	313 5	12(½ 68	F.B 2412-57
				271 134				124 136	
3	237	073	538 5	203 68	91	540	392 5	58 66	
	201		502	235 202				172 202	
4	~~202~~	909	~~503~~ 5	167 68	139	752	440 5	106 66	
				224 270				32 268	
5	207	310	508 5	190 34	15	770	316 5	15(½ 34	
				241 304				24 302	π = ANDERSON
6	234	602	535 5	227 14	16	440	317 5	8 16	
				299 318				43 318	
7	292	773	593 5	285 14	35	702	336 5	27 16	
				292 332	21	831	322	~~48~~ 32 334	
8	281	202	582 5	270 22	~~37~~	~~590~~	~~338~~ 5	~~26~~ 10 22	
				299 354				40 356	
9	279	700	580 5	259 40	20	842	321 5	0 40	
				180 394				136 396	
10	173	092	474 5	166 14	129	027	430 5	122 14	
				408				410	
	2314	353			519	537		408	MTRS
BM102-54	519	537						818	BM102-54
+	1794	816							AVE D15. 0.25 Mi West of
									224th ST 30.0 FT North of
									℄
									F.B 2412-58

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 102-54									FROM BM102-54 TO BM102-53
				136	173			180	AVE D-15 2.25 Mi
1	129	210	430 5	122 14	~~475~~	665	474 5	166	West-of 224th ST
				40				14	30' No-of ℄
2	20	035	321 5	0 40	250	380	351 5	270 48	F.B 2412-58
				24 54				230 54	
3	12	743	313 5	12(½ 24	267	729	568 5	279 255 ~~56~~ 24	
				31 78				297 78	
4	24	658	325 5	17 14	297	552	598 5	290½ 14	
				19 92				244 92	
5	10	078	311 5	10 ½ 18	236	867	537 5	228 16	
				30 110				223 108	π = ANDERSON
6	12	670	313 5	12 ½ 38	206	672	507 5	189 34	
				149 146				216 142	
7	115	178	416 5	81 68	182	802	483 5	148 68	
				100 214				246 210	
8	67	211	368 5	34 66	212	784	513 5	178 68	
				51 280	241		542	275 278	
9	17	343	318 5	17 ½ 48	~~242~~	980	~~543~~ 5	207 68	
				100 348				232 346	
10	66	371	367 5	32 68	199	635	500 5	166 66	
				416				412	
	475	497			2270	066		416	MTRS
BM102-53					475	497		828	BM 102-53 (U.S. 3165)
					1794	569			USC&GS W 305
									AVE-D-15 & 0.25 East
									of 224th ST W. No.
									of ℄
									FB 2412-57

T = 50°
T = 48°
WEATHER Windy-Clear
INST. NO. 75234
TIME 9:55
ROD NO. 96-95
NOTES CHKD [signature]
DATE FEB 14 '69

F.B. 3789 Pg. 78
SURVEY OF U.S. COUNTY PRECISE LEVEL NET
JOB NO. 0301.02
SURVEY BY R.C. Bowen
NOTES Rodriguez R 12/17/68
INDEXED [signature]
DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 12/18/68

INDEXED [illegible] DATE

WEATHER CLOUDY & FR. WIND

TIME 10:55 A.M.

NOTES CHKD. [illegible] DATE

F.B. 3789 PG. 79

INST. NO. 75234

ROD NO. 95 & 96

T = 48°

T = 50°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-54 TO B.M. 102-55
									B.M. 102-54
1	249	~~5~~ 494	550 5	~~X~~ 272 226 46	73	690	374 5	96 50 46	AVE. D-15, 0.25 MI. WEST OF 224TH. ST. W., NO. OF RD.
2	228	246	529 5	262 194 68	93	315	394 5	127 59 68	F.B. 2412-58
3	58	303	359 5	78 38 114 40	264	469	565 5	284 244 114 40	
4	138	675	439 5	172 104 154 68	62	442	363 5	96 28 154 68	⊼ DONLEVY
5	214	262	575 5	248 180 222 68	179	443	480 5	213 145 222 68	
6	148	483	449 5	182 114 290 68	187	562	488 5	221 153 290 68	
7	64	080	365 5	98 30 358 68	54	524	355 5	88 20 358 68	
8	280	208	581 5	280 253 (1/2) 426 50	~~58~~ ~~96~~	~~008~~ ~~745~~	~~3~~ 391 5	~~115~~ ~~165~~ 84 34 426 50	
9	270	990	571 5	270 236 (1/2) 476 68	59	008	360 5	82 14 476 68	
~~B.M. 102~~					48	990	349 5		
10	291	755	592 5	291 258 (1/2) 544 66	39	170	340 5	72 6 544 66	B.M. 102-55 AVE. D-15 & 235TH. ST. W.
				610				610	S.W. COR.
B.M. 102-55								610	F.B. 2412-59
								1220	MTRS
	1944	496			1062	613			
	1062	613							
+	881	883							

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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. 25234 ROD NO. 21-25 DATE 5-1-68

NOTES CHKD Clear Lk Base

WEATHER T=64° T=70°

TIME 10:35

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY Bowers NOTES ECB 1/6/68 DATE

INDEXED [redacted] DATE

F.B. 3789 Pg. 80 COUNTY NO 23102

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-55 TO BM 102-54
BM 102-55									BM 102-55 Lancaster Rd & 235th St. W. S.W. Gr. FB. 2412-59
1	38	587	339 5	71 5 66	290	127	591 5	290 258 (½) 64	
2	53	893	354 5	87 19 68	276	112	577 5	276 242 (½) 68	
3	81	443	382 5	106 56 50	299	307	600 5	299 274 (½) 50	
4	56	856	357 5	90 22 68	70	747	371 5	104 36 68	At Donkey
5	185	564	486 5	219 151 68	150	160	451 5	184 116 68	
6	176	800	477 5	210 142 68	207	286	508 5	241 173 68	
7	58	110	359 5	92 24 68	136	055	437 5	170 102 68	
8	242	083	543 5	268 222 46	55	980	336 5	55 15 40	
9	92	953	393 5	126 58 68	226	855	527 5	260 192 68	
10	70	422	371 5	93 47 46	245	942	546 5	268 222 46	
				610 ✓				608 ✓ 610 ✓	
	1056	711 ✓			1938	521 ✓		1218	
					1056	711 ✓			
				—	881	810 ✓			
BM 102-54									BM 102-54 Lancaster Rd., 0.25 mi. W. of 224th St. W., No. of Rd FB. 2412-58

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS 55A FROM B.M. 102-55 TO B.M. 102-~~56~~
B.M. 102-55									B.M. 102-55
				219				68	AVE. D-15 & 235TH. ST. W.
1	202	068	503 5	185 34	50	208	351 5	32 36	S.W. COR.
								34	F.B. 2412-59
~~2~~	50	208					~~5~~	70	MTRS.
	+ 151	860							
~~3~~		+ 021	~~5~~						
	+ 151	881							
~~4~~							5		
									T D ON LEVY
~~5~~			~~5~~						
~~6~~							5		
									2 RODS
B.M. 102-55A									B.M. 102-55A AVE. D-15 & 235TH. ST. W. SOUTH OF RD. F.B. 3725-126

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 12/18/68

INDEXED [illegible] DATE

WEATHER CLOUDY & LT. WIND

TIME 11:45 A.M.

NOTES CHKD. [illegible] DATE FEB 14 69

INST. NO. 75234

ROD NO. 95 & 96

F.B. 3789 PG. 81

T = 50°

T = 50°

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

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

Do not extend notes this side of this line.

T = 98°
T = 48°

WEATHER Clear & Lt. Wind INST. NO 75239
TIME 2:30 P.M. ROD NO 25896
NOTES CHKD [illegible] DATE

F.B. 3789 Pg. 82
SURVEY OF T.& C. COUNTY PRECISE LEVEL NET 0301.02
SURVEY BY Bowers NOTES R. Anderson 12/23/68
INDEXED [redacted] DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 102-55 A TO B.M. 102-55
B.M. 102-55 A									B.M. 102-55 A AVE. D-15 & 235TH. ST. W.
				66 ✓				218 ✓	SOUTH OF RD.
1	50	235	351	5 34 32	202	135	503	5 188 32 ✓	F.B. 3725-126
								32	
								64	MTRS.
					50 235				
					+ 151 900 ✓				
					- 021 ✓				
					- 151 879 ✓				
									T DONLEVY
									2 RODS
B.M. 102-55 ✓									B.M. 102-55 AVE. D-15 & 235TH. ST. W. S.W. COR. F.B. 2412-59

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY R. ANDERSON DATE 12/18/68

NOTES BY [illegible] DATE

INDEXED [illegible] DATE

WEATHER CLOUDY & LT. WIND

TIME 1:10 P.M.

NOTES CHKD [illegible] DATE FEB 14 '69

INST. NO. 75234

ROD NO. 95 & 96

F.B. 3789 PG. 83

T = 50°

T = 52°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-55A TO B.M. 102-56
B.M. 102-55 A									B.M. 102-55A
				194				108	AVE. D-15 & 235 ST. W.
1	177	638	478 5	160 34	91	876	392 5	74 34	SO. OF RD.
				260				106	F.B. 3725-126
2	226	715	527 5	192 68	72	634	373 5	38 68	
				228 102				204 102	
3	193	753	494 5	158 70	169	343	470 5	134 70	
				263 172				226 172	
4	239	756	540 5	215 48	202	893	503 5	178 48	
				284 220				150 220	T DONLEVY
5	284	965	585 5	250 1/2 68	116	341	417 5	82 68	
				296 288	12	360	312	~~36~~ 29 280	
6	296	495	597 5	279 1/2 34	~~19~~	~~110~~	~~320 5~~	~~2~~ 12 1/2 34	
			536	258 322				38 322	
7	235	118	~~536~~ 5	212 46	16	857	317 5	16 1/2 44	
				230 368				70 366	
8	222	073	523 5	214 16	61	653	362 5	52 18	
				384				384	
	1876	513			743	957		384	
	743	957						768	MTRS.
+	1132	556							
B.M. 102-56									B.M. 102-56
									AVE. D-15 & LANCASTER RD
									0.5 MI. WEST OF 235TH ST. W.
									SO. OF RD.
									F.B. 2412-60

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-56 TO B.M. 102-55A
B.M. 102-56									B.M. 102-56
				73				230	AVE. D-15 & LANCASTER RD.
1	64	468	365 5	55 18	221	195	522 5	212 18	0.5 MI. WEST OF 235TH. ST.
		677		39				256	W. - SO. OF RD.
2	17	~~622~~	318 5	17 (1/2) 44	233	850	534 5	210 46	F.B. 2412-60
				37 62				297 64	
3	20	650	321 5	3 34	297	931	598 5	280 (1/2) 34	
		390		136 96				284 98	
4	102	~~412~~	403 5	68 68	284	500	585 5	250 (1/2) 68	
				211 164				245 166	
5	187	036	488 5	163 48	223	133	524 5	201 44	T DONLEVY
		665		203 212				225 210	
6	169	~~733~~	470 5	135 68	191	875	492 5	157 68	
				107 280				264 278	
7	73	582	374 5	39 68	230	820	531 5	196 68	
				108 348				192 346	
8	90	862	391 5	72 36	175	675	476 5	158 34	
				384				380	
	726	330			1858	979		384	
					726	330		764	MTRS.
					1132	649			
B.M. 102-55A									B.M. 102-55A
									AVE. D-15 & 235TH. ST. W.
									SOUTH OF RD.
									F.B. 3725-126

T=48°
T=48°

WEATHER CLEAR & LT. WIND INST. NO. 75234
TIME 1:50 P.M. ROD NO. 95 & 96
NOTES CHKD. [illegible] DATE [illegible]

JOB NO. 0301.02
SURVEY OF L.A. COUNTY PRECISE LEVEL NET
SURVEY BY BOWERS NOTES R. ANDERSON 12/23/68
INDEXED [illegible] DATE

F.B. 3789 PG. 84

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-56 TO B.M. 102-57
B.M. 102-56									B.M. 102-56, AVE. D-15 & LANCASTER RD 0.5 MI. WEST OF 235TH ST. W. SO. OF RD.
1	181	078	482 5	216 146 70	50	923	351 5	85 15 70	
2	219	746	520 5	250 188 62	161	533	462 5	192 130 62	F.B. 2412-60
3	83	999	384 5	118 48 132 70	238	988	539 5	274 202 132 72	
4	122	895	423 5	156 88 202 68	182	058	483 5	216 148 204 68	T DONLEVY
5	164	155	465 5	180 148 270 32	153	312	454 5	169 137 272 32	
6	156	597	457 5	170 142 302 28	126	965	427 5	140 112 304 28	
				330				332	
	928	470			913	779		330	
	913	779						662	MTRS
+	14	691							
BM 102-57									B.M. 102-57 (U.S.C.&G.S. V-305) LANCASTER RD., 0.7 MI. S. EIRLY OF AVE. D, SO. OF RD. F.B. 2412-61

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 12/18/68

INDEXED [illegible] DATE

WEATHER CLOUDY & FR. T=52° T=52°

TIME 1:30 P.M.

NOTES CHKD [illegible] DATE FEB 14 69

INST. NO. 75234

ROD NO. 95696

F.B. 3789 PG. 85

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.102-57 TO B.M.102-56
B.M.102-57									B.M.102-57 (U.S.C.&G.S. V-305
				135				166	LANCASTER RD., 0.7 MI. S.E. EARLY
1	120	584	421 5	103 32	150	000	451 5	134 32	OF AVE. D - SOUTH OF RD.
				194				201	F.B. 2412-61
2	177	180	478 5	160 34	184	324	485 5	167 34	
				208 66				152 66	
3	175	960	476 5	142 66	120	600	421 5	88 64	
				246 132				89 130	
4	210	050	511 5	174 72	54	035	355 5	19 70	
	159			188 204				242 200	
5	~~160~~	964	460 5	130 58	212	370	513 5	182 60	⊼ DONLEVY
				85 262				222 260	
6	51	550	352 5	17 68	188	550	489 5	154 68	
				330				328	
	895	288			909	879		330	
					895	288		658	MTRS
				—	14	591			
B.M.102-56									B.M. 102-56
									AVE. D-15 & LANCASTER
									RD., 0.5 MI. WEST OF
									235TH. ST. W. - SO. OF RD.
									F.B. 2412-60

T = 46°
T = 48°

WEATHER CLEAR & LT. WIND INST. NO. 75234
TIME 1:25 P.M. ROD NO. 95 & 96
NOTES CHKD [illegible] DATE

F.B. 3789 PG. 86 JOB NO. 0301.02
SURVEY OF L.A. COUNTY PRECISE LEVEL NET
SURVEY BY BOWERS NOTES R. ANDERSON 12/23/68
INDEXED [illegible] DATE

76P526 CE # 308 3-65

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 R.C. BOWERS

NOTES BY R. ANDERSON DATE 12/18/68

INDEXED [illegible] DATE

WEATHER CLOUDY & ST. WIND INST. NO. 75234

TIME 2:00 P.M. ROD NO. 95896

NOTES CHKD [illegible] DATE

T = 52°

T = 52°

F.B. 3789 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. 102-57 TO B.M. 102-58 B
B.M. 102-57									B.M. 102-57 (U.S.C.&G.S. V-305)
1	21	999	322 5	50 21 (1/2) 58	202	405	503 5	232 172 60	LANCASTER RD., 0.7 MI. S.E. 'RLY OF AVE. D, SO. OF RD. F.B. 2412-61
2	112	038	413 5	147 77 70	91	405	392 5	124 58 66	
3	194	310	495 5	223 165 128 58	160	256	461 5	189 131 126 58	
4	112	752	413 5	138 86 186 52	270	526	571 5	296 244 184 52	
5	82	484	383 5	121 43 238 78	231	370	532 5	271 191 236 80	T DONLEVY
6	43	560	344 5	65 21 316 44	262	890	563 5	284 240 316 44	
7	40	170	341 5	64 16 360 48	268	590	569 5	293 293 360 50	
8	46	572	347 5	71 21 408 50	248	170	549 5	272 224 410 48	0
9	53	462	354 5	74 32 458 42	270	225	571 5	291 249 458 42	
10	25	660	326 5	48 2 500 46	250	011	551 5	273 227 500 46	
11	196	712	497 5	248 144 546 104	33	275	334 5	86 33 (1/2) 546 106	
12 ~~B.M. 102-58 B~~	157	791	458 5	164 150 650 14	134	750	435 5	141 127 652 14	B.M. 102-58 B
B.M. 102-58 B				664				666	N.E. COR. AQUEDUCT BRIDGE &
	1087	510			2423	823		664	HWY 138
					1087	510		1330	F.B. 3725-134
				—	1336	313			

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M.102-58B									FROM B.M. 102-58B TO B.M. 102-57
				141				169	B.M. 102-58 B
1	134	492	435 5	127 14	157	553	458 5	150 14	N.E. COR. OF AQUEDUCT
				94	205			257	BRIDGE & HWY 138
2	42	195	343 5	42 (½ 104)	~~206~~	860	506 5	153 104	F.B. 3725-134
				272 118				48 118	
3	249	950	550 5	226 46	25	233	326 5	2 46	
				291 164				76 164	
4	270	065	571 5	249 42	54	415	355 5	32 44	
				272 206				68 208	⊼ DONLEVY
5	248	242	549 5	224 48	43	102	344 5	18 50	
				289 254				59 258	
6	265	203	566 5	241 48	35	928	336 5	11 48	
				287 302				70 306	
7	264	182	565 5	241 46	48	112	349 5	26 44	
				276 348				125 350	
8	237	537	538 5	198 78	86	335	387 5	47 78	
	210			236 426				89 428	
9	~~212~~	771	511 5	184 52	63	706	364 5	37 52	
				185 478				211 480	
10	155	866	456 5	125 60	181	772	482 5	151 60	
				101 538				121 540	
11	67	850	368 5	33 68	87	592	388 5	53 68	
				230 606				50 608	
12	200	375	501 5	170 60	20	720	321 5	20 (½ 60)	
				666				668	
B.M.102-57	2346	728			1010	328		666	B.M. 102-57 (U.S.C. & G.S. V-305
	1010	328							LANCASTER RD., 0.7 MI. S. ERIE
+	1336	400						1334	OF AVE. D - SOUTH OF RD.
									F.B. 2412-61

T = 42°
T = 42°

WEATHER CLEAR & CALM INST. NO. 75239
TIME 11:15 A.M. ROD NO. 95896
NOTES CHKD [signature] DATE

JOB NO. 0301.02
SURVEY OF L.A. COUNTY PRECISE LEVELNET
SURVEY BY BOWERS NOTES R. ANDERSON 12/23/68
INDEXED [signature] DATE

F.B. 3789 PG. 88

76P526 CE # 308 3-65

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 F-37 F-38

SURVEY BY E.C. Bennett WEATHER Clear & Breezy F.B. 3729 Pg. 89

NOTES BY E.C.B. INST. NO. 2224

INDEXED B.L.B. DATE 1/6/69 TIME 11:30 ROD NO. 26-26

DATE NOTES CHKD DATE FEB 14 69

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM BM 102-58B TO BM 102-59
BM 102-58B									BM 102-58B (Calif. Water Dis. BM 325.5-A) Hwy 138, N.E. Cor. Neenach Bridge over Calif Aqueduct F.B. 3725-134
1	102 411	403 5	136 68	68	219 942	520 5	253 185	68	
2	62 095	363 5	86 38	48	204 590	505 5	228 180	48	
				116				116	
3	175 033	476 5	212 138	74	128 427	429 5	166 92	74	
				190				190	
4	164 611	465 5	198 130	68	131 138	432 5	166 98	68	
				258				258	
5	137 412	438 5	174 100	74	158 092	459 5	196 120	76	
				332				334	π Rodriguez
6	147 212	448 5	182 112	70	79 162	380 5	113 45	68	
				402				402	
7	184 667	485 5	192 176	16	130 506	431 5	138 122	16	
				418				418	
8	190 383	491 5	198 182	16	90 007	391 5	78 82	16	
				434				434	
	1163 824 ✓				1141 864 ✓			434 ✓	
	1141 864 ✓							868 ✓	
	21 960 ✓								
BM 102-59									BM 102-59 0.45 Hwy 138, ~~0.7~~ mi. W. of 244th st. W. No. of Hwy. F.B. 2412-63

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 102-59 TO BM 102-58 B
BM 102-59									BM 102-59 Hwy 138, 0.45 Mi. W. of 244th St. W. No. of Rd. F.B. 2412-63
1	112	252	413 5	120 104 16	206	806	507 5	215 197 18	
2	124	152	425 5	132 116 16	182	628	483 5	190 174 16	
3	74	196	375 5	108 40 68	139	010	440 5	174 104 70	
4	170 ~~169~~	110	471 5	208 132 76	147	745	448 5	184 110 74	π Rodriquez
5	123	905	424 5	156 90 66	173	599	474 5	207 139 66	
6	169	639	470 5	206 132 74	162	972	463 5	200 124 76	
7	205	618	506 5	229 181 48	70	460	371 5	92 ~~48~~ 44	
8	185	040	486 5	218 150 68	104	153	405 5	137 71 66	
				432				430	
	1164	912			1187	373		432	
					1164	912		862	
					22	461			
BM 102-58 B									BM 102-58 B (Calif Water Res. BM 315.5-A) Hwy 138, N.E. Cor. of Neenach Bridge over Calif. Aquiduct F.B. 3725-134

F.B. 3789 PG. 90

SURVEY OF L.A. COUNTY PRECISE LEVEL NET JOB NO 030603

SURVEY BY Bowers NOTES RCB 1/7/69

INDEXED [illegible] DATE

WEATHER Clear - wind Gentle INST. NO 75234

TIME 10:45 ROD NO. 95-96

NOTES CHKD [illegible] DATE FEB 14 69

T=80°

T=82°

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY F. Donley E. Ebbert WEATHER Sunny, Clear INST. NO. D5234
NOTES BY F. Donley DATE 1-17-69 TIME 10:30 ROD NO. 25-96
INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE FEB 14 69
F.B. 3289 Pg. 21
T=57° T=57°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 102-58B TO BM 102-59
BM 102-58B									BM 102-58B (Calif. Wtr. Res. BM 315.S.A.) Hwy #138, N.E Cor. Neenach Bridge over Calif Aqueb. F.B. 3725-139
1	117	140	418.5	150 89 66	234	835	535.5	268 200 68	
2	50	272	351.5	72 28 44	192	121	493.5	216 168 48	
3	178	292	479.5	215 141 74 110	121	388	422.5	158 84 74 116	
4	157	241	458.5	191 123 68 184	128	066	429.5	161 95 66 190	
5	150	498	451.5	187 113 74 252	174	968	475.5	212 136 76 256	T R. Rodriguez Re Run
6	141	571	442.5	176 106 70 326	70	420	371.5	104 36 68 332	
7	173	903	474.5	180 146 34 396	117	242	418.5	124 110 14 400	
8	170	740	471.5	178 162 16 410	78	251	379.5	86 70 16 414	
				426				430	✓
	1139	657	✓		1117	291	✓	426	✓
	1117	291	✓				MTRS.	856	✓
+	22	366	✓						
BM 102-59									BM 102-59 Hwy #138 0.45 Mi. W. of 24 St. W. No. of Hwy F.B. 2412/63

76P526 CE # 308 3-65

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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-83° T-83°

SURVEY BY R.C. Bowers DATE 1/6/69 WEATHER Clear-Calm INST. NO. 76234

NOTES BY R.C.B. TIME 1:05 ROD NO. 95-96

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE FEB 14 69

F.B. 3789 PG. 93

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-59 TO BM 102-60
BM 102-59									~~Hwy~~ B.M. 102-59
									Hwy 138, 0.45 Mi. W. of 244th St. W.
1	200	035	501 5	214 / 186 28	86	108	387 5	98 / 74 24	No. of Rd.
									F.B. 2412-63
2	259	149	560 5	280 / 236 54	52	309	353 5	78 / 26 52	
				82				76	
3	284	047	585 5	284 / 262 (½) 44	58	851	359 5	83 / 33 50	
				126				126	
4	270	727	571 5	300 / 240 60	53	488	354 5	82 / 24 58	
				186				184	
5	289	418	590 5	289 / 252 (½) 74	32	280	333 5	69 / 32 (½) 74	
				260				258	π Rodriquez
6	264	306	565 5	300 / 228 72	24	085	325 5	62 / 24 (½) 76	
				332				334	
7	184	578	485 5	194 / 174 20	130	210	431 5	141 / 119 22	
				352				356	
8	187	387	488 5	196 / 178 18	102	832	403 5	106 / 96 10	
				370				366	
	1939	647			540	163		370	
	540	163						736	
+	1399	484							
BM 102-60									B.M. 102-60
									Hwy 138, 0.9 Mi. W. of 244th St. W.
									No. of Rd
									F.B. 2412-64

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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 102-60 TO BM 102-59
BM 102-60									BM 102-60 Hwy 138, 0.9 Mi. W. of 244th St. W. No. of Rd. F.B. 2412-64
1	79	142	380 5	88 70 18	189	190	490 5	199 179 20	
2	154	392	455 5	166 142 24	183	492	484 5	194 172 22	
3	13	762	314 5	51 13 (1/2) 76 42	259	607	560 5	296 222 74 42	
4	43	613	344 5	78 8 70 118	290	~~629~~ 561	591 5	290 252 (1/2) 76 116	π Rodriguez
5	37	248	338 5	66 8 58 188	277	377	578 5	277 247 (1/2) 60 192	
6	34	521	335 5	59 9 50 246	261	237	562 5	283 239 44 252	
7	32	140	333 5	58 6 52 296	250	~~84~~ 887	551 5	271 229 42 296	
8	135	988	436 5	148 122 26 348	218	142	519 5	234 202 32 338	
				374				370	
	530	806	✓		1930	493	✓	374	
					530	806	✓	744	
					1399	687	✓		
BM 102-59									BM 102-59 Hwy 138, 0.45 Mi. W. of 244th St. W. No. of Rd. F.B. 2412-63

F.B. 3789 PG. 94

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY Brown NOTES RCB 1/7/69

INDEXED [illegible] DATE

JOB NO. 0301.02

WEATHER Clear Breeze INST. NO. 25234

TIME 10:10 ROD NO. 95-96

NOTES CHKD [illegible] DATE FEB 14 '68

T=77°
T=80°

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-83° T-84°

SURVEY BY R.C. Bowers DATE 1/6/69 WEATHER Clear-Calm INST. NO. 75234

NOTES BY RCB DATE 1/6/69 TIME 1:45 ROD NO. 95-8

INDEXED [redacted] DATE NOTES CHKD [illegible] DATE FEB 14 69

F.B. 3789 PG. 95

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-60 TO BM 102-61
BM 102-60									BM 102-60
									Hwy 138, 0.9 mi. w. of 244th St. w.
1	178	405	479 5	212 / 144 68	91	210	392 5	124 / 58 66	No. of Rd.
									FB 2412-64
2	254	652	555 5	294 / 214 80	85	957	386 5	124 / 46 78	
				148				144	
3	233	442	534 5	268 / 198 70	52	102	353 5	86 / 18 68	
				218				212	
4	220 / 8	208	521 5	254 / 186 68	82	287	383 5	118 / 48 70	⊼ Rodriquez
				286				282	
5	213	102	514 5	237 / 189 48	23	403	324 5	48 / 23 (½) 50	
				334				332	
6	226	061	527 5	244 / 208 36	119	746	420 5	138 / 100 38	
				370				370	
	1325	870			454	705		370	
	454	705						740	
+	871	165							
BM 102-61									BM 102-61 (USC&GS 104A "LAWWS")
									Hwy 138 @ L.A. City Aquiduct
									S. of Rd.
									F.B. 2412-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-61 TO BM 102-60
BM 102-61									BM 102-61 (USC&GS 104 A "LAWW&S") Hwy 138 & L.A. City Aquiduct So. of Rd. FB. 2412-65
1	118	882	419 5	138 98 40	227	151	528 5	244 210 34	
2	84	373	385 5	108 60 48	252	644	553 5	276 228 48	
3	77 ~~76~~	022	378 5	117 43 88 68	216	570	517 5	251 181 82 70	
4	53	348	354 5	87 19 156 68	245	380	546 5	280 210 152 70	π Rodriguez
5	53	816	354 5	92 14 224 78	242	347	543 5	283 201 222 82	
6	77	317	378 5	110 44 302 66	152	120	453 5	186 118 304 68	
				368				372	
	464	758			1336	212		368	
					464	758		740	
					871	454			
BM 102-60									BM 102-60 Hwy 138, 0.9 Mi. W. of 244th St. W. No. of Rd. FB. 2412-64

F.B. 3789 PG. 96

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY Bowers NOTES RCB 1/7/69

INDEXED [illegible] DATE

JOB NO. 030/102

WEATHER Clear-Breeze INST. NO. 75234

TIME 9:50 ROD NO. 95-96

NOTES CHKD [illegible] DATE [illegible]

T=75°
T=77°

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-60 TO BM 102-61
BM102-60	168	333	469 5	202 / 134 / 68	80	537	381 5	113 / 47 / 66	BM 102-60 Hwy #138 & 0.9 Mi. W. No. of Rd. F.B. 2412-64
1	~~119~~	~~712~~	~~420~~ 5	~~130~~ / ~~108~~ / ~~22~~	~~127~~	~~168~~	~~428~~ 5 5	~~138~~ / ~~116~~ / ~~22~~	
2	229	901	530 5	268 / 190 / 78	61	016	362 5	101 / 21 / 80	
				146				146	
3	246	176	547 5	281 / 211 / 70	53	761	354 5	86 / 20 / 66	
				216				212	
4	209	733	510 5	242 / 176 / 66	82	455	383 5	117 / 47 / 70	⊼ R. Rodriguez
				282				282	
5	213	935	514 5	238 / 190 / 48	24	132	325 5	48 / 24 / 48	ReRen
				330				330	
6	215	621	516 5	232 / 198 / 34	110	341	411 5	129 / 91 / 38	
				364				368	
	1283	699			412	242		364	
	412	242						732	MTRS.
+	871	457							
BM102-61									BM 102-61 (USCR 65-104A "LAWW(S)) Hwy #138 @ L.A. City Aqueduct. So. of E F.B. 2412-65

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

SURVEY BY R.C. Bowers

NOTES BY T. Donhevy DATE 1-17-69

INDEXED B.L. GALLI DATE

WEATHER Strong Clear

TIME 11:10

NOTES CHKD [illegible] DATE FEB 14 69

F.B. 3789 PG. 97

T=57° T-57°

INST. NO. 75234

ROD NO. 95-96

76P526 CE # 308 3-65

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 R.C. Bowers DATE 1/6/69 WEATHER Clear-Calm T=84° T-84° INST. NO. 25234

NOTES BY RCB DATE 1/6/69 TIME 2:05 ROD NO. 95-96

INDEXED [illegible] DATE NOTES CHKD. [illegible] DATE FEB 14 69

F.B. 3789 PG. 99

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM102-61 TO BM 111-62
BM 102-61									BM 102-61 (USC&GS 104A "LAWW&S") Hwy 138 @ L.A. City Aquiduct So. of Rd. F.B. 2412-65
1	170	332	471 5	196 144 52	185	978	486 5	206 164 42	
2	121	866	422 5	135 107 28	215	212	516 5	234 196 38	
				80				80	
3	153	992	454 5	173 133 40	125	666	426 5	146 104 42	
				120				122	
4	206	843	507 5	227 185 42	41	089	342 5	64 18 46	
				162				168	(π Rodriguez)
	653	033			567	945		162	
	567	945						330	
+	85	088							
BM 111-62									BM 111-62 Hwy. 138 & Three Pts Rd. S.E. Cor. 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
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 111-62 TO BM 102-61
BM 111-62									BM 111-62 Hwy 138 & Three Pts Rd. S.E. Cor. F.B.
1	24	428	325 5	46 2 44	189	847	490 5	210 168 42	
2	120	452	421 5	141 99 42	149	616	450 5	169 129 40	
3	204	160	505 5	220 188 86 32	108	648	409 5	124 92 82 32	
4	187	072	488 5	210 164 118 46	173	094	474 5	196 150 114 46	
				164				160	
	536	112			621	205		164	⊼ Rodriquez
					536	112		324	
					85	093			
BM 102-61									BM 102-61 (USC&GS 704A "LAWW #5") Hwy 138 & L.A. City Aqueduct So. of Rd. F.B. 2412-65

F.B. 3789 PG. 100

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY Bauer NOTES RCB 1/7/69

INDEXED [illegible] DATE

JOB NO. 0301.02

WEATHER Clear-H.Brace INST. NO. 75234

TIME 9:35 ROD NO. 95-96

NOTES CHKD [illegible] DATE

T=73°
T=75°

76P526 CE # 308 3-65

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 T=82°

SURVEY BY R.C. Bowers DATE 1/7/69 WEATHER Clear-Calm INST. NO. 28234

NOTES BY R.C.B. TIME 11:25 ROD NO. 25-26

INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE FEB 14 69

F.B. 3789 Pg. 101

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 111-62 TO BM 102-62
BM 111-62									BM 111-62 Hwy 138 & Three Points Rd S.E. Cor. F.B.
1	125	950	426.5	156 94 62	135	631	436.5	167 103 64	
2	191	790	492.5	229 153 76	127	742	428.5	164 90 74	
				138				138	
3	150	544	451.5	191 109 82	128	907	429.5	168 88 80	
				220				218	
4	122	297	423.5	139 65 74	100	252	401.5	139 61 78	x - Anderson
				294 ✓				296 ✓	
	590	581 ✓			492	532 ✓		294 ✓	
	492	532 ✓						590	
+	98	049 ✓							
BM 102-62									BM 102-62 Hwy 138, 0.35 mi. w. of Three Pts Rd., No. of Rd. F.B. 2442-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM102-62 TO BM111-62
BM102-62									BM102-62
									HWY 138 0.35 Mi w-of
				173				183	3 PTS-Rd No-of-Rd
1	135	710	436 5	97 76	145	202	446 5	107 76	F.B. 2412-66
				148				184	
2	109	261	410 5	70 78	143	315	444 5	102 82	
				171 154				220 158	
3	133	964	434 5	95 76	182	950	483 5	144 76	
				230				162 234	
4	127	473	428 5	66	132	550	433 5	102 60	π = ANDERSON
				296				294	
	506	408			604	017		296	
					506	408		590 MTRS	
					97	609			
BM111-62									BM111-62
									HWY 138 @ 3 PTS Rd
									S.E. COR (260th Lancaster)
									F.B 2412-65

F.B. 3789 PG. 102 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVEL NET WEATHER Overcast INST. NO. 75234

SURVEY BY R.E.B. NOTES Rodriguez R-1-9-69 TIME 1:40 ROD NO. 96-85

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE FEB 14 69

T = 54°
T =

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM111-62 TO BM102-62
BM111-62									BM 111-62
1	126	441	427 5	157 95 62	92	058	393 5	124 60 64	Hwy 138 & Three PTS Rd S.E. COR
2	197	350	498 5	236 158 78	175	332	476 5	212 138 74	F.B
3	144	968	445 5	184 140 104 80	113	872	414 5	154 138 72 82	
4	122	359	423 5	160 220 84 76	112	268	413 5	150 220 74 76	PT = ANDERSON
				296				296	
	591	118			493	530		296	RERUN
	493	530							
+	97	588						592M	
BM102-62									BM-102-62 Hwy 138 - 0.35 mi w of 3 PTS-Rd No-of Rd F.B 2412-66

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

SURVEY BY R.C. BOWERS

NOTES BY Rodriguez R DATE 1-15-69 WEATHER Windy T=58° T=590

INDEXED [illegible] DATE TIME 2:30 INST. NO. 75239

NOTES CHKD [illegible] DATE ROD NO. 96-95

F.B. 3789 PG. 103

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY R.C. Bowers DATE 1/7/69

NOTES BY RCB DATE 1/7/69

INDEXED [illegible] DATE

WEATHER Clear-Moderate Wind INST. NO. 75234

TIME 1:05 ROD NO. 95-96

NOTES CHKD. [illegible] DATE FEB 14 69

F.B. 3789 PG. 105

T=87° T=85°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-62 TO BM 102-63
BM 102-62									BM 102-62
1	100	747	401 5	130 70 60	131	603	432 5	162 100 62	Hwy 138, 0.35 mi. w. of Three Pts Rd., No. of Rd.
2	107	798	408 5	145 69 76	187	630	488 5	224 150 74	F.B. 2412-66
3	102	660	403 5	138 66 72	177	781	478 5	211 143 68	
4	104	422	405 5	142 66 76	216 ~~217~~	956	517 5	253 179 74	* Anderson
5	105	352	406 5	144 66 78	192 ~~184~~	283 ~~572~~	493 5 ~~485 5~~	234 150 ~~[illegible]~~ 84	
6	130 ~~131~~	380	431 5	153 107 46	106	578	407 5	131 81 50	
7	279	168	580 5	290 268 22	17	051	318 5	26 8 18	
8	167	592	468 5	173 161 12	106	210	407 5	112 100 12	
	1098	119		442	1136	092		442	
					1098	119		442	
					37	973		884	
BM 102-63									BM 102-63
									Hwy 138 @ Curve to No., @ 269th St. w. So. of Rd.
									FB 2412-67

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. 3789 Pg. 106 JOB NO 030102 INST. NO 75234

SURVEY OF Lido COUNTY PRECISE LEVELING ROD NO 96-93

SURVEY BY RGG NOTES Engineer-Level-A-1969 TIME 11:30 WEATHER Overcast

INDEXED [illegible] DATE [illegible] NOTES CHKD DATE

T=50°
T=50°

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM BM102-63 TO BM102-62
BM102-63					107					159	BM 102-63
1	101	762	402	5	95 12	152	526	453	5	147 12	Hwy 138 @ curve @ 264th ST
					24					298	West 30. of Rd
2	14	367	315	5	4 20	287	511	588	5	276 22	FB 2412-67
					116 32					120 34	
3	91	730	392	5	66 50	98	080	399	5	76 44	
					191 82					118 78	
4	150	444	451	5	109 62	80	802	381	5	42 76	
					228 164					110 154	A = ANDERSON
5	193	625	494	5	158 70	70	838	371	5	30 80	
					195 234					129 234	
6	162	202	463	5	129 66	97	448	398	5	65 64	
					239 300					146 298	
FRON- 7	202	849	503	5	~~235~~ 74	108	994	409	5	70 76	
					170 374					151 374	
8	139	400	440	5	108 42	121	838	422	5	91 60	
					436 ✓					434 ✓	
	1056	379	✓			1018	045	✓		436 ✓	
	1018	045	✓							870 MTRS	
+	38	334	✓								
BM102-62											BM102-62
											Hwy 138 0.35 mi ~~so~~ west
											of 3 PTS Rd, NO of Rd
											FB 2412-67

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-63 TO BM 102-62
BM 102-63									BM 102-63
									Hwy 138 @ Curve @ 269th St. W.
1	105	101	406 5	111 99 12	166	692	467 5	172 160 12	So. of Rd.
									F.B. 2412-67
2	23	039	324 5	32 14 18	246	469	547 5	254 238 16	
				30				28	
3	109	942	410 5	134 84 50	154	262	455 5	177 131 46	
				80				74	
4	239	578	540 5	275 203 72	120	577	421 5	159 81 78	π Anderson
				152				152	
5	215	653	516 5	256 174 82	129	301	430 5	169 89 80	RERUN
				234				232	
6	193	312	494 5	227 159 68	109	520	410 5	145 73 72	
				302				304	
7	193	258	494 5	231 155 76	123	860	424 5	161 85 76	
				378				380	
8	126	293	427 5	157 95 62	117	640	418 5	147 87 60	
				~~340~~				~~340~~	440 ✓
	1206	176 ✓		440	1168	321 ✓		~~340~~	440 ✓
	1168	321 ✓						~~680~~	880 ✓
+	37	855 ✓							
BM 102-62									B.M. 102-62
									Hwy 138, 0.35 mi. W. of Three
									Points Rd. No. of Rd.
									F.B. 2412-67

T=60°
T=62°

WEATHER Clear - Mod. INST. NO. 75234

TIME 9:30 ROD NO. 96-95

NOTES CHKD [illegible] DATE FEB 14 69

JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY Bowers NOTES RCB 1/17/69

INDEXED [illegible] DATE

F.B. 3789 PG. 108

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-63 TO BM 102-64
BM 102-63									BM 102-63
									Hwy 138 @ Curve to No., @ 269th st. w.
1	107	828	408 5	138 76 62	235	872	536 5	268 202 66	So. of Rd.
									F.B. 2412-67
2	26	454	327 5	54 26 (1/2) 56	281	053	582 5	281 254 (1/2) 54	
				118				120	
3	42	232	343 5	60 24 36	220	172	521 5	238 202 36	
				154				156	⊼ Anderson
4	63	113	364 5	82 44 38	212	815	513 5	237 193 38	
				192				194	
5	26	696	327 5	47 7 40	244	042	545 5	264 224 40	
				232				234	
6	63	512	364 5	92 34 58	295	668	596 5	295 263 (1/2) 64	
				290				298	
7	17	920	318 5	48 17 (1/2) 62	244	019	545 5	272 216 56	
				352				354	
8	13	100	314 5	39 13 (1/2) 52	252	759	553 5	279 225 54	
				404				408	
9	74	072	375 5	91 57 34	183	464	484 5	198 168 30	
				438				438	
10	112	341	413 5	128 96 32	173	800	474 5	191 155 36	
BM 102-64				470				474	BM 102-64 (USC&GS U-305)
	547	268			2343	664		470	Hwy 138, @ Curve to So., @ 269th st. w.
					547	268		944	So. of Rd.
				#	1796	396			F.B. 2412-68

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=85° T=81°

SURVEY BY R.C. Bowers WEATHER Clear-Windy INST. NO. 75234

NOTES BY RCB DATE 1/7/68 TIME 1:55 ROD NO. 95-96

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE FEB 14 '69

F.B. 3789 PG. 109

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 BM102-64 TO BM102-63
BM102-64									BM102-64 (USC&GS) U-305
				190				129	Hwy 138 @ curve to So @ 269th
1	173	430	474 5	156 34	112	002	413 5	95 34	ST.
				199				91	FB 2412-68
2	184	030	485 5	169 30	74	712	375 5	57 34	
				269 64				47 68	
3	242	285	543 5	215 54	21	481	322 5	21(1/2 52	
				288 118				47 120	
4	261	430	562 5	234 54	16	716	317 5	16(1/2 62	
				295 172				74 182	
5	295	740	596 5	261(1/2 68	48	432	349 5	22 52	TT = ANDERSON
				279 240				63 234	
6	260	550	561 5	241 38	42	913	343 5	21 42	
				229 278				78 276	
7	210	582	511 5	195 34	58	295	359 5	38 40	
				234 312				73 316	
8	215	610	516 5	196 38	55	283	356 5	37 36	
				290 350				54 352	
9	290	039	591 5	262(1/2 56	28	969	329 5	2 52	
				263 406				138 404	
10	229	122	530 5	195 68	107	238	408 5	76 62	
				474				466	
	2362	818			566	041		474	MTRS
BM102-63	566	041						946	BM102-63
+	1796	777							Hwy 138 @ curve @ 269th ST W
									So of Rd
									F.B 2412-67

T = 42°
T = 50°

F.B. 3789 Pg. 110 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY R.C.B. NOTES Rodriguez R. 1-9-69 WEATHER OVERCAST INST. NO. 25234

INDEXED [illegible] DATE TIME 10:40 ROD NO. 96-95

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM102-63 TO BM102-64
BM102-63									BM102-63
									HWY 138 @ CURVE TO NO
				138				260	@ 269TH ST, WEST SO. OF RD
1	107	208	408.5	76 62	226	129	527.5	192 68	F.B 2412-67
				40				278	
2	14	141	315.5	14½ 52	278	227	579.5	250 54	
				70 114				239 122	
3	51	744	352.5	32 38	222	852	523.5	205 34	
				82 152				239 156	
4	63	091	364.5	44 38	221	135	522.5	203 36	
				55 180				271 192	TT = ANDERSON
5	35	922	336.5	15 40	251	502	552.5	231 40	REKUN
		520		95 230				288 232	
6	66	~~520~~	367.5	37 58	288	208	589.5	256½ 64	
				44 288				294 296	
7	12	318	313.5	12½ 64	267	940	568.5	240 54	
				47 352				270 350	
8	22	862	323.5	22½ 50	243	680	544.5	216 54	
				89 402				196 404	
9	72	032	373.5	55 34	180	589	481.5	169 32	
				125 436				187 436	
10	108	642	409.5	91 34	170	867	471.5	153 34	
				470				470	
	554	480			2351	129		470	MTRS
BM102-64					554	480		940	BM102-64 (USC&GS U 305)
				-	1796	649			HWY 138 @ CURVE TO SO
									@ 269TH ST, W SO OF RD
									F.B 2412-68

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

SURVEY BY R. Bowers

NOTES BY Rodriguez 2 DATE 1-16-69

INDEXED [illegible] DATE

WEATHER Windy

TIME 1:30

NOTES CHKD [illegible] DATE FEB 14 69

INST. NO. 25234

ROD NO. 96.85

F.B. 3789 PG. 111

T = 60

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 50°
SURVEY BY P.C. Rowers DATE 1/9/69 WEATHER Cloudy & Calm INST. NO 76526
NOTES BY P.C. Rowers DATE 1/9/69 TIME 2:20 P.M. ROD NO. 95 & 96
INDEXED DATE NOTES CHKD DATE 1-14-69
F.B. 2389 Pg. 113

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-64 TO B.M. 102-65A
B.M. 102-64				69				150	B.M. 102-64 (U.S.C.&G.S. U-305)
1	92 786	343	5	42 .54	122 726	423	5	99 .56	LANCASTER RD. (AVE. C-6, STATE HWY 138) W. END OF CONC.
				149				166	FROM 26 9TH. ST. W.
2	112 438	413	5	75 .74	130 393	431	5	94 .72	F.B. 2412-68
				254 1.28				85 1.28	
3	217 077	518	5	180 .74	48 240	349	5	11 .74	
				224 2.02				70 2.02	
4	189 492	490	5	158 .66	37 810	338	5	9 .66	
				259 2.68				62 2.68	
5	219 270	520	5	179 .80	22 340	323	5	22 1/2 .80	
				225 3.48				127 3.48	
6	214 821	515	5	203 .22	118 439	419	5	109 .18	
				370				366 ✓	
	995 884 ✓				479 948 ✓			370 ✓	
	479 948 ✓							736 ✓	MTRS
	+ 515 936 ✓								
B.M. 102-65A									B.M. 102-65A
									LANCASTER RD. (AVE C-6, STATE HWY. 138) @ CULV. No. 379+00 BT. SW. ON HEADWALL - SO. SIDE
									F.B. 2412-69

↑ DONLEVY

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. 3789 Pg. 114 JOB NO 0301.02
SURVEY OF L.A. COUNTY PRECISE LEVEL NET DATE 1/13/69
SURVEY BY R. ANDERSON NOTES
INDEXED DATE
NOTES CHKD DATE
WEATHER Cloudy & Windy TIME 1:45 P.M. ROD NO 25596 INST. NO 752239

T = 50°
T = 56°

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM B.M.102-65A TO B.M.102-64
B.M.102-65A											B.M. 102-65A LANCASTER RD. (HWY # 138)
1	114	693	415	5	124 / 104 / 20	210	750	511	5	220 / 206 / 20	CULV. # 379+00, IN HEADWALL-SO SIDE OF RD.
2	67	878	368	5	168 / 26 / 82	263	911	564	5	263 / 222 (½) 82	F.B. 2412-69
3	80	897	381	5	114 / 46 / 68	205	615	506	5	240 / 170 / 102 / 70	
4	42	672	343	5	80 / 4 / 76	240	485	541	5	277 / 203 / 172 / 74	
5	131	947	432	5	167 / 95 / 240 / 72	115	970	416	5	151 / 79 / 246 / 72	↑ DONLEVY
6	145	952	~~441~~ 446	5	172 / 118 / 318 / 54	63	538	369	5	88 / 38 / 318 / 50	
					372					368 ✓	
	584	039	✓			1100	269	✓		372 ✓	
						584	039	✓		740 ✓	MTRS
						-516	230	✓			
B.M.102-64											B.M. 102-64 (U.S.C.&G.S. U-305 LANCASTER RD. (HWY # 138), W. END OF CURVE FROM 269TH ST. W. F.B. 2412-68

76P526 CE # 308 3-65

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-64 TO B.M. 102-65A
B.M. 102-64									B.M. 102-64 (U.S.C. & G.S.) U-305
				70				153	LANCASTER RD. (HWY #138)
1	43	165	344 5	43 (½ 54	125	525	426 5	97 56	W. END OF CURVE FROM 269TH
				152				167	ST. W.
2	115	772	416 5	78 74	131	162	432 5	95 72	F.B. 2412-68
				255 128				82 128	
3	217	164	518 5	179 76	46	900	347 5	10 72	
				218 204				68 200	
4	187	240	488 5	156 62	36	362	337 5	4 64	RERUN
				259 266				63 264	
5	219	810	520 5	179 80	23	166	324 5	23 (16 80	
				228 346				132 344	⊼ DONLEVY
6	218	828	519 5	208 20	122	855	423 5	112 20	
				366				364	
	1001	979			485	970		366	
	485	970						730	MTRS.
	+516	009							
B.M. 102-65A									B.M. 102-65A
									LANCASTER RD. (HWY #138)
									& CULV. # 379+00 IN HEAD-
									WALL - SO. SIDE OF RD.
									F.B. 2412-69

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=60° T=61°

SURVEY BY R. C. BOWERS

NOTES BY R. ANDERSON DATE 1/15/69

INDEXED [illegible] DATE

WEATHER CLEAR & ADD. WIND INST. NO. 75234

TIME 1:10 P.M. ROD NO. 95796

NOTES CHKD. [illegible] DATE FEB 14 69

F.B. 3789 PG. 115

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. 3789 Pg. 116 JOB NO 0301.02
SURVEY OF LaCo COUNTY PRECISE LEVELING
SURVEY BY Bowes NOTES A. Anderson 1969
INDEXED R.R. Galli DATE
NOTES CHKD Duffy DATE FEB 14 '69
WEATHER Clear & Mild, windy INST. NO. 75239
TIME 1:45 P.M. ROD NO. 85596
T = 64°

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-65A TO B.M. 102-69
B.M. 102-65A				133		512		229	B.M. 102-65A
1	123	545	424 5	113 20	219	~~50~~	520 5	209 20	LANCASTER RD. (HWY #138)
		070		110				267	E/CURV. # 379+00 IN HEAD-
2	70	~~06~~	371 5	30 80	267	083	568 5	227 K/280	WALL - SOUTH SIDE OF RD.
				114 100				264 100	F.B. 2412-69
3	81	242	382 5	48 66	231	999	532 5	198 66	RERUN
				106 166				275 166	
4	69	763	370 5	32 74	238	942	539 5	201 74	T DONLEVY
				166 240				152 240	
5	130	215	431 5	94 72	115	860	416 5	78 74	
				149 312				66 314	
6	121	950	422 5	93 56	39	540	340 5	39 1/2 59	
				368 ✓				368 ✓	
	596	785 ✓		368 ✓	1112	936 ✓		368 ✓	
					596	785 ✓		736	MTS
					516	151 ✓			
B.M. 102-6A									B.M. 102-6A (U.S.C.&G.S. U-305)
									LANCASTER RD. (HWY #138)
									W. END OF CURVE FROM
									269TH. ST. W.
									F.B. 2912

76P526 CE # 308 3-65

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
B.M. 102-65A									FROM B.M. 102-65A TO B.M. 102-66
									B.M. 102-65A
				163				142	LANCASTER RD. (STATE Hwy. 138)
1	136	075	437.5	109 54	115	123	416.5	88 54	AT CULVERT NO. 379+00,
		148		265				124	IN HEADWALL SOUTH OF RD.
2	230	~~188~~	531.5	195 70	89	558	390.5	54 70	F.B. 2412-69
				256 124				94 124	
3	219	503	520.5	182 74	56	864	357.5	18 76	
				254 198				140 200	
4	211	755	512.5	168 86	97	500	398.5	54 86	T DONLEVY
				245 284				110 286	
5	209	347	510.5	173 72	74	830	375.5	38 72	
				231 356				118 358	
6	197	672	498.5	163 68	84	735	385.5	50 68	
				424				426	
				209				132	
7	192	495	493.5	175 34	115	305	416.5	98 34	
				160 458				72 460	
8	157	422	458.5	154 6	69	194	370.5	66 6	
				464				466	
B.M. 102-66								464	B.M. 102-66
	1554	417			703	109		930	LANCASTER RD. (STATE Hwy 138)
	703	109							AT HWY MK. POST # 349+21 –
+	851	308							280 TH. ST. W. (?) SO. SIDE RD.
									~~F.B. 2142-70~~
									F.B. 2412-70

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 1/10/69

INDEXED [illegible] DATE

WEATHER CLEAR ST. WIND T=66° T=64°

TIME 1:15 P.M.

NOTES CHKD. [illegible] DATE 1-4-69

INST. NO. 75239

ROD NO. 95896

F.B. 3789 PG. 117

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. 102-66 TO B.M. 102-65A
B.M. 102-66									B.M. 102-66
				74				163	LANCASTER RD. (HWY #138)
1	71	320	372 5	68 6	159	335	460 5	155 8	AT HWY MK POST 349+21
				135				224	(280TH. ST. W.) SO. SIDE OF RD.
2	117	655	418 5	99 36	205	156	506 5	188 34	F.B. 2412-70
				141 42				243 42	
3	106	335	407 5	71 70	209	718	510 5	175 68	
				123 112				252 110	
4	86	746	387 5	49 74	215	737	516 5	178 74	
				161 186				281 189	
5	118	491	419 5	75 86	238	500	539 5	195 86	⊼ DON LEVY
				92 272				253 270	
6	54	630	355 5	16 76	216	436	517 5	179 74	
				111 348				253 344	
7	76	340	377 5	41 70	216	372	517 5	179 74	
				166 418				185 418	
8	138	068	439 5	110 56	159	394	460 5	133 52	
				474				470	
	769	585			1620	648		474	
					769	585		944	MTRS.
					851	063			
B.M. 102-65A									B.M. 102-65A
									LANCASTER RD. (HWY #138)
									AT CULV. #379+00 IN HERD-
									WAY - SO. OF RD.
									F.B. 2412-69

T = 56°
T = 56° ST. WIND

WEATHER GLOUDY 0° ~~[illegible]~~ INST. NO. 75234

TIME 1:10 P.M. ROD NO. 95 & 96

NOTES CHKD. [illegible] DATE FEB 14 69

JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY Bowers NOTES R. Anderson 1/13/69

INDEXED [illegible] DATE

F.B. 3789 PG. 118

76P526 CE # 308 3-65

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. 102-66 TO B.M. 102-67
B.M. 102-66									B.M. 102-66
				151				101	LANCASTER RD. (Hwy #138)
1	122	133	423 5	93 58	70	673	371 5	39 62	AT Hwy Mk. Post # 349+21-280TH.
				289				194	ST. W. (2) - So. SIDE OF RD
2	254	025	555 5	219 70	157	345	458 5	120 74	~~F.B. 2142-70~~
				239 128				152 136	F.B. 2412-70
3	199	405	500 5	159 80	113	483	414 5	74 78	
				232 208				188 214	
4	193	454	494 5	154 78	151	770	452 5	114 74	
				178 286				242 288	⊼ DONLEVY
5	139	394	440 5	100 78	205	600	506 5	168 74	
				151 364				171 362	
6	113	252	414 5	75 76	132	283	433 5	93 78	
				440				440	
	1021	663			831	154		440	
	831	154						880	MTRS.
+	190	509							
B.M. 102-67									B.M. 102-67
									LANCASTER RD. (Hwy #138)
									AT Hwy ST. Post # 320+91
									So. OF RD
									F.B. 2412-71

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

SURVEY BY J.C. BOWERS

NOTES BY R. ANDERSON DATE 1/10/69

INDEXED L.L. GALLI DATE

WEATHER CLEAR & ST. WIND

TIME 1:55 P.M.

NOTES CHKD. [illegible] DATE

INST. NO. 75234

ROD NO. 95896

T = 60°

T = 62°

F.B. 3789 PG. 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-67 TO B.M. 102-66
B.M. 102-67									B.M. 102-67
				165		080		145	LANCASTER RD. (HWY #138)
1	126	270	427 5	87 78	107	~~080~~	409 5	69 76	AT HWY MK POST 320+91
				243				177	SO. OF RD.
2	201	265	502 5	161 82	137	185	438 5	97 80	F.B 2412-71
				179 160				221 156	
3	143	128	444 5	107 72	183	403	484 5	145 76	
				142 232				231 232	
4	101	983	402 5	60 82	190	910	491 5	149 82	
				189 314				284 314	
5	152	658	453 5	115 74	246	820	547 5	208 76	⊼ DONLEVY
				97 388				146 390	
6	66	060	367 5	35 62	116	205	417 5	86 60	
				450 ✓				450 ✓	
								450 ✓	
	791	364 ✓			981	603 ✓		900 ✓	MTKS
					791	364 ✓			
				—	190	239 ✓			
B.M. 102-66									B.M. 102-66
									LANCASTER RD (ST. HWY #138)
									AT HWY MK. POST 349+21
									(280TH ST. W.) SO. SIDE OF RD
									F.B 2412-70

T = 550
T = 560

WEATHER CLOUDY INST. NO. 75239
TIME 11:30 A.M. ROD NO. 95 & 96
NOTES CHKD [signature] DATE

F.B. 3789 PG. 120 JOB NO. 0301.02
SURVEY OF L.A. COUNTY PRECISE LEVEL NET
SURVEY BY Bowers NOTES R. Anderson 1/13/69
INDEXED D.G. DALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-67 TO B.M. 102-68
B.M. 102-67									B.M. 102-67
				72				192	
1	39	122	340 5	5 67	160	678	461 5	128 64	
				75	260	182	561	~~259~~ 294	
2	41	328	342 5	7 68	~~225~~	~~078~~	~~526 5~~	~~191~~ 226 68	
				94 135				250 132	
3	59	716	360 5	24 70	214	610	515 5	178 72	
				161 205				246 204	
4	66	476	367 5	31 70	211	193	512 5	176 70	
				130 275				179 274	π RODRIGUEZ
5	111	360	412 5	90 40	159	759	460 5	139 40	
				174 315				178 314	
6	154	493	455 5	134 40	158	811	459 5	138 40	
				355				354	
	472	495			1165	233		355	
					472	495		709	MTRS
					692	738			
B.M. 102-68									B.M. 102-68 (U.S.C.&G.S. T-305) LANCASTER RD. (HWY #138) CULV. # A 296+58, SO. SIDE OF RD. F.B.

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 1/14/69

INDEXED DATE

WEATHER CLEAR & LT. WIND INST. NO. 75234

TIME 10:20 A.M. ROD NO. 95896

NOTES CHKD. DATE

F.B. 3789 PG. 121

T = 59°

T = 60°

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3789 Pg. 122 JOB NO. 030.02
SURVEY OF Topo & COUNTY PRELIM LEVEL NET
SURVEY BY A.C. Gonzales / T. Conley DATE 1/31/96
INDEXED [illegible] NOTES
INST. NO 75234
ROD NO. 93-96
DATE
NOTES CHKD
WEATHER Sunny Clear
TIME 1:40

T= 56°
T= 52°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 102-68 TO BM 102-67
BM 102-68									BM 102-68 (USGS 1-305) (USGS GS T-305) STA. HWY #138 & Ave C-6) @ #296+58 So. of E F.B. 2412-72
1	158	848	459	178 138 40	152	913	453	172 132 40	
2	158	029	459	178 138 40 80	120	988	421	140 100 40 80	
3	225	370	526	260 190 70	84	156	385	120 48 72	
4	220	932	521	260 190 70 150	63	343	364	98 28 70 152	T R. Rodriguez
5	276	212	577	276 242 34 220	49	340	350	84 14 70 222	
6	160	636	961	196 ~~206~~ 70 284	36	348	337	69 3 66 292	
	1200	027	✓	354	507	088	✓	358 ✓ 354 ✓	
	507	088	✓						
+	692	939	✓						
BM 102-67									BM 102-67 STA. HWY #138 & Ave C-6) @ STA. #320+81 So. of E F.B. 2412-71

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-68 TO B.M. 102-69
B.M. 102-68									B.M. 102-68 (U.S.C.&G.S. T-305)
				244	117			155	~~LANC~~ STA. Hwy #138 &
1	207	732	508 5	170 74	~~116~~	233	418 5	79 76	AVE-C-61 @ STA.
				225				146	A 296+58
2	181	822	482 5	137 88	95	776	396 5	50 90	SO. OF ℄
				289 162				170 166	F.B 2412-72
3	247	377	548 5	205 84	132	697	433 5	94 76	
				256 246				119 242	
4	217	707	518 5	176 80	76	165	377 5	33 86	
				208 326				130 328	A RODRIGUEZ
5	184	189	485 5	160 48	106	496	407 5	82 48	
				218 374				74 376	
6	194	180	495 5	170 48	51	905	352 5	28 46	
				422				422	
	1233.007				580	272		422	
	580.272							844	MTRS
+	652.735								

B.M. 102-69
LANCASTER Rd C Hwy #138
AT STA. MK # 270+04
SO. SIDE OF Rd.
F.B 2412-73

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 1/14/69

INDEXED [illegible] DATE

WEATHER CLEAR & STRONG T = 60° T = 66°

TIME 10:45 A.M.

NOTES CHKD [illegible] DATE FEB 14 69

INST. NO. 25-[illegible]

ROD NO. 95896

F.B. 3789 Pg. 123

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-69 TO BM 102-68
BM102-69									BM102-69 STA. Hwy #138 ℄ AVE C-16 @ STA. 270+04 So. of ℄ F.B. 2412-73
1	47	520	348 5	70 24 46	185 ~~25~~	725	486 5	209 161 48	
2	96	251	397 5	120 72 48	186	137	487 5	209 163 46	
3	79	770	380 5	122 36 94 86	220	263	521 5	262 178 94 84	
4	140	362	441 5	179 101 180 78	246	727	547 5	258 204 178 84	A. R. Rodriguez
5	87	658	388 5	133 41 258 92	179	411	480 5	222 136 262 86	
6	117	031	418 5	155 79 250 76	203	451	504 5	240 166 248 74	
	568	592		426	1221	714		422	
					568	592		426	
					653	122		848	mtrs.
BM102-68									BM102-68 (US 3161) (US C&GS T-305) STA Hwy. #138 ℄ C-6) @ #A296+58 So. of ℄ F.B. 2412-72

T = 56°
T - 86°

F.B. 3789 Pg. 124 JOB NO. 0301.02

SURVEY OF U.S. COUNTY PRECISE LEVEL NET

SURVEY BY R.C. Bowers F. Donlevy 1-17-69

INDEXED [illegible] DATE

WEATHER STRONG - Clear INST. NO. 75234

TIME 1:10 ROD NO. 95-96

NOTES CHKD [illegible] DATE FEB 14 69

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. Quiroz, Bowden, J. Rodriguez
NOTES BY J. Rodriguez DATE 7-17-69 TIME 2:05 WEATHER Sunny, Clear INST. NO. 75201
INDEXED DATE NOTES CHKD DATE ROD NO. 9546

F.B. 3789 Pg. 125

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 102-68 TO BM 102-69
BM 102-68									BM 102-68 USC&GS T 305 STA. Hwy #138 Auc C-6 @ STA. # A 296+58 So. of E FB. 2412-72
1	186	716	487	5 224 148 76	115	170	416	5 152 78 74	
2	200	021	501	5 244 156 88	100	405	401	5 145 55 90	
3	250	410	551	5 292 208 84	130	858	431	5 170 90 80	
4	204	916	505	5 275 181 84	81	381	382	5 124 38 86	T R. Rodriguez Re Run
5	200	000	501	5 224 176 48	109	592	410	5 133 85 48	
6	206	561	507	5 230 182 48	58	620	359	5 82 34 48	
	1248	624		428	596	026		426 428	
	596	026					MTRS.	854	
+	652	598							
BM 102-69									BM 102-69 # 138 STA. Hwy @ STA. # 270+04 So. of E F.B. 2412-73

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 BM102-69 TO BM102-68
BM102-69									BM102-69
									Hwy 138 @ Sta. 270+04
1	64	721	365 5	87 41 46	215	138	516 5	239 191 48	So. of Rd.
									F.B. 2412-73
2	130	421	431 5	154 106 48	212	018	513 5	236 188 48	
				94				96	
3	89	472	390 5	132 46 86	216	570	517 5	258 174 84	
				180				180	
4	134	290	435 5	173 95 78	248	727	549 5	290 206 84	
				258				264	
5	100	455	401 5	146 54 92	189	098	490 5	232 146 86	π Rodriguez
				350				350	
6	124	462	425 5	162 86 76	215 ~~263~~	233	516 5	252 178 74	RERUN
				426 ✓				424 ✓	
	643	821 ✓			1296	784 ✓		426 ✓	
					643	821 ✓		850 ✓	
					652	963 ✓			
					(−)				
BM102-68									BM102-68 (USC&GS T-305)
									Hwy 138 @ Sta A 296+58
									So. of Rd.
									FB 2412-72

F.B. 3789 PG. 126 JOB NO. 030102

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY Bowers NOTES RCB 1/29/69

INDEXED [illegible] DATE

T=37° T=40°

WEATHER Clear-H Breeze INST. NO. 75234

TIME ROD NO. 95-[illegible]

NOTES CHKD [illegible] DATE FEB 14 [illegible]

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-69 TO B.M. 102-70
B.M. 102-69									BM 102-69
									State Hwy. #138 ℄ 270+04
1	176	682	477 5	219 / 133 86	67	852	368 5	112 / 22 90	Ave C-6. So. of ℄
									F.B. 2412-73
2	236	182	537 5	279 / 193 86	63	954	364 5	106 / 20 86	
				172				176	
3	166	052	467 5	202 / 130 72	159	255	460 5	194 / 124 70	
				244				246	
4	84	408	385 5	124 / 44 80	223	447	524 5	262 / 184 78	
				324				324	T RODRIGUEZ
5	142	900	443 5	156 / 128 28	174	128	475 5	190 / 158 32	
				352				356	
6	114	871	415 5	130 / 98 32	168	689	469 5	183 / 153 30	
				384				386	
	921	095			857	325		384	
	857	325						770	mtrs.
+	63	770							
BM 102-70									BM 102-70
									Sta. Hwy. #138 ℄ 271+43
									Ave C-6. So. of ℄
									F.B. 2412-74

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

SURVEY BY D. C. Bowers

NOTES BY T. Donlevy DATE 1-14-69

INDEXED [illegible] DATE

WEATHER Cloudy & Lt. Wind

TIME 11:10 A.M.

NOTES CHKD [illegible] DATE

T = 66°
T = 66°

F.B. 3789 Pg. 127

INST. NO. 75284

ROD NO. 95496

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 BM102-70 TO B102-69
BM102-70									BM 102-70
1	164	737	465 5	178 150 28	110	852	411 5	126 94 32	STA. Hwy #138 & AVE C-6 @ STA. 244+83
2	172	272	473 5	188 156 32	140	325	441 5	154 126 28	So. of ℄ F.B. 2412-74
3	228	080	529 5	268 188 60 80	89	500 ~~622~~	390 5	128 50 60 78	
4	161	652	462 5	196 126 140 70	169	652	470 5	204 134 138 70	
5	73	962	374 5	116 30 210 86	242	471	543 5	285 199 208 86	
6	59	612	360 5	104 14 296 90	171	431	472 5	214 128 294 86	T R. Rodriguez
#	860	315	#	386	924	231		380	
#					860	315		386	
					63	916	#	766 MTRS.	
BM102-69									BM102-69 STA. Hwy #138 & AVE C-6 @ STA 270+04 So. of ℄ F.B. 2412-73

F.B. 3789 PG. 128 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVELNET

SURVEY BY R.F. Bowyer NOTES T. Donkey 1-15-69

INDEXED [illegible] DATE

WEATHER FRESH-Clear INST. NO. 75234

TIME 11:30 ROD NO. 95-96

NOTES CHKD [illegible] DATE

F = 500

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C. Bowers DATE 7-14-69 TIME 11:40 WEATHER Windy Clear INST. NO. 95-2C

NOTES BY T. Lawley DATE 7-14-69 TIME 11:40 ROD NO. 95-2C

INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE FEB 14 [illegible]

F.B. 3789 Pg. 129

Tests OK

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 102-70 TO BM 102-71
BM 102-70									BM 102-70 STA. Hwy #138 ℄ Ave C-6 So. of ℄ F.B. 2412-74
1	147	198	448	186 / 108 78	118	848	419	55 / 81 74	
2	200	110	501	232 / 168 64	54	790	355	87 / 21 66	
3	260	987	561	301 / 159 142 / 214 82	60	598	361	98 / 20 140 / 78	
4	295	160	596	285 / 256 224 / 178	24	102	325	64 / 24 218 / 80	
5	300	915	601	300 / 269 302 / 272	33	358	334	70 / 33 298 / 74	A. R. Rodriguez
6	280	477	581	302 / 258 374 / 244	74	242	375	94 / 54 372 / 40	
7	199	973	500	216 / 184 418 / 32	79	400	380	100 / 58 412 / 32	
8	225	806	526	262 / 188 450 / 74	116	718	417	154 / 78 444 / 76	
9	1910	626	✓	5 524	562	056	✓	520 / 524	
	562	056	✓						
10 +	1348	570	✓					1044	miles.
BM 102-71									BM 102-71 STA. Hwy ℄138 & STA. ~~187+00~~ 211+43 So. of ℄ F.B. 2412-75

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 25239 ROD NO. 45-96 DATE

WEATHER Fresh-Clear

TIME 11:00

NOTES CHKD D. Lee

I=4.0°
I=5.0°

F.B. 3789 Pg. 130

SURVEY OF Line COUNTY PRECISE LEVEL NET

SURVEY BY R.G. Bawden, T. Dunlevy 1-18-74

INDEXED

JOB NO 030.02

DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 102-71 TO BM 102-70
BM 102-71									BM 102-71 STA. Hwy. #138 ℄ STA. 211+43 No. of ℄ F.B. 2412-75
1	128	919	429.5	166 90 76	238	129	539.5	275 201 74	
2	93	302	394.5	112 74 38	211	687	512.5	230 192 38	
3	81	360	382.5	101 61 40 / 114	262	265	563.5	284 280 4 / 112	
4	27	162	328.5	64 27 ℄ 74 / 154	274	456	575.5	274 ℄ 68 234 / 56	
5	19	078	320.5	57 19 ℄ 76 / 228	280	689	581.5	280 240 40 / 224	
6	12	618	313.5	51 12 ℄ 78 / 304	274	217	575.5	274 ℄ 80 234 / 304	A. B. Rodriguez
7	61	056	362.5	94 28 66 / 382	203	428	504.5	236 170 66 / 384	
8	107	475	408.5	144 76 74 / 448	134	907	435.5	172 96 76 / 450	
				522				526	
	530	960	✓		1879	778	✓	522 ✓	
					530	960	✓		
				—	1348	818	✓	1048	METRS.
BM 102-70									BM 102-70 STA. Hwy. #138 ℄ AVE C-C ℄ STA. 244+83 SO. of ℄ F.B. 2412-74

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.C. Bowers

NOTES BY T. Donlevy DATE 1-14-69

INDEXED [illegible] DATE

WEATHER Windy Hazy

TIME 1:40

NOTES CHKD [illegible] DATE

T = 58°
T = 56°

F.B. 3789 Pg. 131

INST. NO. 75234

ROD NO. 95-96

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM102-71 TO BM102-72
BM102-71									BM102-71
1	254	112	555 5	281 / 227 54	60	735	361 5	86 / 34 52	STA. Hwy #138 & STA. 211+43
2	237	830	538 5	270 / 204 66	52	738	353 5	86 / 18 68	~~500~~ No. of ℄ F.B. 2412-75
3	208	630	509 5	244 / 172 120 / 72	56	080	357 5	92 / 20 120 / 72	
4	255	647	556 5	287 / 223 192 / 64	38	881	339 5	69 / 7 192 / 62	A R. Rodriguez
5	222	522	523 5	258 / 186 256 / 72	103	117	404 5	140 / 66 254 / 74	
6	236	098	537 5	208 328 / 56	33	773	334 5	56 / 33 328 / 46	
				384				374	
	1414	839			345	324		384	
	345	324						758	mtrs.
	+ 1069	515							
BM102-72									BM102-72 STA Hwy #138 & STA. 187+00 SO. of ℄ F.B. 2412-76

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

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

Do not extend notes this side of this line.

SURVEY OF Los Angeles COUNTY PRECISE LEVEL NET — JOB NO. 030.02
SURVEY BY C.T. Bowlby & R.R. Ball — NOTES T.B. Bowlby 7-13-59 — DATE
INDEXED — DATE
F.B. 3789 Pg. 132
NOTES CHKD & Lsm — DATE FEB 14 '62
WEATHER FRESH-Clear — INST. NO. 75234
TIME 10:35 — ROD NO. 95-96
T= 96°
T= 47°

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 102-72 TO BM 102-71
BM 102-72							BM 102-72 ST. HWY #138 ℄ STA. 187+00 So. of ℄ F.B. 2912-76
1	29 572	330 5	52 29 (=46)	231 880	532 5	258 204 54	
2	105 771	406 5	172 08 74	224 398	525 5	259 159 100	
3	41 661	342 5	72 10 120 62	259 459	560 5	291 227 124 69	
4	57 932	358 5	94 22 182 72	215 452	516 5	250 180 188 70	
5	64 160	365 5	98 30 254 68	244 325	545 5	258 227 24 66	
6	73 572	374 5	99 43 322 52	266 927	567 5	324 294 54	T R. Rodriguez
	372 668 ✓		374 ✓	1442 441 ✓		378 ✓ 374 ✓	
				372 668 ✓		752	MTRS.
				1069 773 ✓			
BM 102-71							BM 102-71 STA. HWY #138 ℄ STA. 211+43 No. of ℄ F.B. 2912-75

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY BY R. C. B. CO. PRECISE LEVEL NET
SURVEY BY T. Dowling / R. Bowers DATE 1-14-69 TIME 2:15 WEATHER Windy Hazy INST. NO. 75221
NOTES BY T. Dowling DATE 1-14-69 TIME 2:15 ROD NO. 95-96
INDEXED T. Dowling DATE 1-14-69 NOTES CHKD [illegible] DATE 2-14-69

F.B. 3752 Pg. 133

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-72 TO BM 102-73
BM 102-72									BM 102-72 STA. Hwy # 138 ℄ STA. 187+00 50.0 F ℄ F.B. 2412-76
1	270	827	571.5	257 253 34	26	755	327.5	41 3 38	
2	278	616	579.5	296 260 36	17	510	318.5	38 17 (+) 42 80	
3	292	293	593.5	332 267 (+) 50 70	90	198	391.5	112 68 44	
4	119 ~~118~~	211	420.5	146 92 120 54	287	478	588.5	287 263 (+) 48 24	
5	17	421	318.5	38 17 (+) 42 174	239	787	590.5	260 218 42 172	T R. Rodriguez
6	206	913	507.5	290 172 68 216	30	842	331.5	64 30 (+) 68 219	
7	238	373	539.5	268 208 60 284	216	798	517.5	246 186 60 282	
8	164	908	465.5	185 140 48 344	127	827	428.5	150 104 46 342	
9	184	655	485.5	218 158 52 392	117	345	418.5	147 90 54 388	
10	151	482	452.5	164 138 26 444	145	351	446.5	158 132 26 442	
	1924	699		470	1299	891		468	
	1299	891						470	
BM 102-73	624	808					meters:	938	BM 102-73 STA. Hwy # 138 ℄ STA. Alcoa Road F.B. 2412-77

Tes60 T=48.0

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 BM102-73 TO BM102-72
BM102-73									BM102-73
									STA. Hwy #138 ℄
1	149	208	250 5	162 136 26	155	342	456 5	168 142 26	STA. 156+09
									So. of ℄
2	116	302	417 5	143 89 54	184	712	485 5	209 159 50	F.B. 2412-77
				80				76	
3	129	910	430 5	152 106 46	166	150	467 5	189 143 46	
				126				122	
4	213	570	514 5	242 184 58	234	852	535 5	264 204 60	π R. Rodriguez
				184				182	
5	31	377	332 5	66 31 (-) 70	207	663	508 5	241 173 68	
				254				250	
6	228	040	529 5	448 208 40	27	426	328 5	48 6 42	
				294	~~103~~			292	
7	297	178	598 5	297 232 (-) 50	104	412	405 5	132 78 54	
	85			344				346	
8	~~84~~	749	386 5	106 64 42	290	776	591 5	290 265 (-) 50	
				386				396	
9	22	909	323 5	40 4 36	284	166	585 5	302 266 36	
				422				432	
10	27	587	328 5	45 9 36	271	718	572 5	288 254 34	
				458				466	
	1301	830			1927	217		458	
					1301	830	MTRS.	924	
BM102-72					625	387			BM102-72
									STA. Hwy #138 ℄
									STA 187+00 So. of ℄
									F.B. 2412-76

F.B. 3789 Pg. 134 JOB NO. 0301.02

SURVEY OF LOS ANGELES COUNTY PRECISE LEVEL NET

SURVEY BY R.C. Bowers NOTES T. Donlevy 1-15-69

INDEXED [illegible] DATE

WEATHER Fresh-Clean INST. NO. 75234

TIME 9:50 ROD NO. 95-96

NOTES CHKD [illegible] DATE

T=480 T=460

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM102-72 TO BM102-73
BM102-72									BM 102-72
									Hwy. 138 @ Sta 187+00
1	275	942	576 5	292 258 34	34	580	335 5	50 18 32	So. of Rd.
									F.B. 2412-76
2	289	710	590 5	289 271 (1/2) 36	15	497	316 5	33 15 (1/2) 36	
				70				68	
3	287	968	588 5	287 262 (1/2) 50	88	180	389 5	110 66 44	
				120				112	
4	113	971	414 5	140 86 54	289	318	590 5	289 259 (1/2) 60	⊼ Rodriguez
				174				172	
5	16	632	317 5	37 16 (1/2) 42	233	522	534 5	254 212 42	RERUN
				216				214	
6	206	448	507 5	240 172 68	19	672	320 5	53 19 (1/2) 68	
				284				282	
7	224	615	525 5	254 196 58	211	102	572 5	240 182 58	
				342				340	
8	163	548	464 5	186 140 46	135	302	436 5	158 112 46	
				388				386	
9	187	112	488 5	212 162 50	115	736	416 5	142 88 54	
				438				440	
10	166	065	467 5	179 153 26	164	648	465 5	177 151 26	
				464				486	
	1932	011			1307	557		464	
BM102-73	1307	557						~~950~~	BM 102-73
+	624	454						930	Hwy 138 @ Sta. 156+09
									So. of Rd.
									F.B. 2412-77

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=48° T=50°

SURVEY BY R.C. Bowers WEATHER Clear-Breeze INST. NO 25234

NOTES BY RCB DATE 1/29/69 TIME 11:30 ROD NO 95-[illegible]

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE FEB 14 69

F.B. 3789 PG. 135

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM102-73 TO BM102-72
BM102-73									BM102-73
									Hwy 138, 2.7 Mi. E. of
1	144	080	445 5	158 130 28	145	767	446 5	158 132 26	Old Ridge Rt.
									FB 2412-77
2	110	512	411 5	136 84 52	182	495	483 5	208 156 52	
				80				78	
3	125	953	426 5	148 102 46	152	822	453 5	176 128 48	
				126				126	
4	202	752	503 5	232 172 60	217	622	518 5	246 188 58	
				186				184	
5	11	692	312 5	44 11 (½) 66	197	546	498 5	234 163 68	
				252				252	π Rodriquez
6	213	888	514 5	234 192 42	13	968	314 5	34 13 (½) 42	
				294				294	RERUN
7	294	198	595 5	294 267 (½) 54	100	900	401 5	127 73 54	
				348				348	
8	90	320	391 5	112 68 44	292	231	593 5	292 267 (½) 50	
				392				398	
9	15	391	316 5	33 15 (½) 36	282	853	583 5	300 264 36	
				428				434	
10	27	192	328 5	43 11 32	274	348	575 5	297 257 34	
				460				468 ✓	
	1235	978 ✓			1860	552 ✓		460 ✓	
BM102-72					1235	978 ✓		928	BM102-72
					624	574 ✓			Hwy 138 @ Sta. 187+00
									So. of Rd.
									FB 2412-76

F.B. 3789 PG. 136 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY R.C. Bowen NOTES RCB 1/29/69

INDEXED R.E. GALLI DATE

T=48° T=50°

WEATHER Clear-Breeze INST. NO. 75234

TIME 1:00 ROD NO. 95-96

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY R C Bowers

NOTES BY Rodriguez R DATE 1-22-69

INDEXED [redacted] DATE

WEATHER Lightwind INST. NO. 25234

TIME 9:40 ROD NO. 96-95

NOTES CHKD [illegible] DATE

F.B. 3789 Pg. 137

F=50' F=46'

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM102-73 TO BM102-74
BM102-73									BM 102-73
									Lancaster-Rd (State Hwy
				286				99	#138) 2.7 Mi East
1	245	351	546.5	204 82	57	472	358.5	15 89	of Ridge Rd
				248				103	F.B 2412-77
2	206	361	507.5	164 84	59	523	360.5	15 88	
				234 166				95 172	
3	200	353	501.5	166 ~~5~~ 68	63	111	364.5	31 64	
				248 234				65 236	
4	215	160	516.5	182 66	31	187	332.5	31½ 68	
				215 300				91 304	
5	195	840	496.5	175 ~~3~~ 80	71	352	372.5	51 40	
				99 340				102 344	π = Anderson
6	91	091	392.5	83 16	95	412	396.5	88 14	
				356				358 ✓	
	1154	156 ✓			378	057 ✓		356 ✓	
	378	057 ✓							
+	776	099 ✓						714 M	
BM102-74									BM 102-74
									Lancaster-Rd (State-Hwy #138)
									1.3 Mi East of Ridge Rd
									F.B 2412-80

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 BM102-74 TO BM102-73
									BM102-74
				98				214	Lancaster Rd (State Hwy
1.	75	368	376 5	52 46	194	942	495 5	174 40	138, 1.3 mi East of
				67		932		261	Ridge Rd
2	34	725	335 5	34 (1/2 66	226	~~932~~	527 5	191 70	F.B. 2412-80
				105 112				236 110	
3	72	194	373 5	39 66	202	937	503 5	168 68	
				97 178				246 178	
4	53	274	354 5	9 88	203	375	504 5	160 86	
				84 266				232 264	
5	42	744	343 5	0 84	191	482	492 5	150 82	
				84 350				119 346	π = Anderson
6	80	534	381 5	76 08	115	521	416 5	111 08	
				358				354	
	358	839			1135	189		358	
					358	839		712 M.	
					776	350			
BM102-73									BM102-73
									Lancaster Rd (State Hwy
									138, 27 mi East of
									Ridge Rd
									F.B. 2412-80

F.B. 3789 Pg. 138 JOB NO. 0302-01
SURVEY OF L.A. COUNTY PRECISE LEVEL NET
SURVEY BY RCB NOTES Rodriguez - 1-27-69
INDEXED [illegible] DATE
WEATHER MOD-Wind INST. NO. 75234
TIME 10:00 ROD NO. 96.95
NOTES CHKD [illegible] DATE FEB 14 69
T=40°
T=40°

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	~~Near~~ BACKSIGHT ~~Rod~~				~~Far~~ FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM102-74 TO BM102-75
BM102-74									BM102-74
				261				91	Lancaster-Rd (State-Hwy
1	228	343	529.5	195 66	57	402	358.5	23 68	#138) 2.7 Mi East-of
				230			413	146	Ridge-Rd.
2	197	329	498.5	164 66	112	991	~~414~~ 5	78 68	F.B. 2412-80
				215 132				111 136	
3	181	711	482.5	147 68	78	551	379.5	45 66	
				225 200				74 202	
4	192	847	493.5	159 66	41	712	342.5	8 66	
				302 266				50 268	
5	269	113	570.5	236 66	17	132	318.5	17½ 66	π = Anderson
				283 332				48 334	
6	253	902	554.5	223 60	18	338	319.5	18½ 60	
				214 392				64 394	
7	199	718	500.5	184 30	49	738	350.5	34 30	
				188 422				97 424	
8	179	147	480.5	170 18	88	591	389.5	79 18	
				440				442	
	1702	110			464	455		440	
	464	455						882 M	
+	1237	655							
BM102-75									BM102-75
									Lancaster-Rd (State-Hwy
									138) 1.75 Mi East-of-
									Ridge-Rd @ Culvert #
									A104+65
									F.B. 2412-79

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

SURVEY BY R.C. Bowers

NOTES BY Rodriguez R. DATE 1-22-69

INDEXED C.L. Galli DATE

WEATHER Strong-wind INST. NO. 75234

TIME 10:05 ROD NO. 96-45

NOTES CHKD [illegible] DATE

F.B. 3789 PG. 139

T = 46°
T = 46°

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. 3789 PG. 140 JOB NO. 6301-02 DIST. NO. 5234

SURVEY OF Los Angeles COUNTY PRECISE LEVELING NET ROD NO. 96-95

SURVEY BY R.C.B. NOTES Radio via 2-12 to 23 TIME 1:40 DATE 8/4/69

INDEXED [illegible] NOTES CHKD [illegible] DATE [illegible]

WEATHER Overcast Mod

T = 57°
T = [illegible]

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM102-75 TO BM102-74
BM102-75									BM102-75 State Hwy 138, 1.75 mi East of Ridge Route Q Culvert # A 104+65
				89				181	
1.	81	390	382 5	73 16	172	182	473 5	163 18	
				69				218	
2	53	149	354 5	37 32	202	861	503 5	186 32	
				50 48				286 50	
3	19	670	320 5	191½ 62	255	300	556 5	224 62	
				68 110				262 112	T = Anderson
4	41	570	342 5	14 54	233	846	534 5	204 58	
				46 164				259 170	
5	7	341	308 5	71½ 78	219	162	520 5	179 80	
				109 242				208 250	
6	73	632	374 5	37 72	176	629	477 5	144 64	
				143 314				231 314	
7	109	560	410 5	75 68	197	929	498 5	163 68	
				92 382				258 382	
8	58	300	359 5	24 68	224	197	525 5	190 68	
				450				450 ✓	
	444	638	✓		1682	106	✓	450 ✓	
					444	638	✓	900 M	
				—	1237	468	✓		
BM102-74									BM102-74 Lancaster Rd (State Hwy 138, 2.7 mi East of Ridge Rd FB 2412-80

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM102-75 TO BM102-75A
BM102-75									BM102-75
				291				40 39	Lancaster-Rd (State-Hwy
1	291	164	592.5	262½ 58	16	068	317.5	16½ 48	# 88 1.75 mi East of
				282				37	Ridge Rd
2	265	731	566.5	248 34	15	329	316.5	15½ 44	F.B 2412-79
				274 92				49 92	
3	247	720	548.5	220 54	22	262	323.5	22½ 54	
				291 146				20 146	
4	285	086	586.5	279 12	14	196	315.5	8 12	
				198 158				90 158	
5	196	710	497.5	194 04	88	857	389.5	86 04	PT = Anderson
				105 162				71 162	
6	103	088	404.5	101 04	69	345	370.5	67 04	
				166				166	
	1389	499			226	057		166	
	226	057						332 M	
+	1163	442							
BM102-75A									BM102-75A (R976) (USC&G.S.)
									Lancaster-Rd (State-Hwy 138)
									1.65 mi East of Old-Ridge
									Route Hwy.
									F.B 3725-171

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

SURVEY BY R.C. Bowers

NOTES BY Rodriguez R. DATE 1-22-69

INDEXED [illegible] DATE

WEATHER Strong wind INST. NO. 75234

TIME 10:35 ROD NO. 96-95

NOTES CHKD [illegible] DATE

T=46° T=46°

F.B. 3789 Pg. 141

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 BM102-75A TO BM102-75
BM102-75A									BM102-75A (R 976)(U.S.C&G.S) Lancaster-Rd (State Hwy 138) 1.65 Mi East-of Old Ridge Route-Hwy F.B 3725-171
				60				94	
1	58	809	359 5	56 04	92	502	393 5	90 04	
				83				191	
2	81	480	382 5	79 04	189	330	490 5	187 04	
				20 08				290 08	
3	14	800	315 5	8 12	285	961	586 5	280 10	
				41 20				266 18	
4	14	198	315 5	14(½ 54	239	372	540 5	212 54	
				49 74				285 72	
~~6~~ 5	30	669	331 5	11 38	265	043	566 5	245 40	
				32 112				298 112	
~~7~~ 6	7	003	308 5	7 52	298	195	599 5	271(½ 54	π = Anderson
				164				166	
								164	
	206	959			1370	403		330 MTRS	
					206	959			
					1163	444			
									BM102-75 Lancaster Rd (State Hwy 138, 1.75 Mi East of Ridge Route F.B 2412-79

F.B. 3789 Pg. 142 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVELNET

SURVEY BY RCB NOTES Rodriguez R - 1-23-69

INDEXED [illegible] DATE

WEATHER Overcast INST. NO. 75234

TIME 1:10 ROD NO. 96-95

NOTES CHKD [illegible] DATE FEB 14 69

T = 48°
T = 56

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM102-75A TO BM102-75B
BM102-75A									BM102-75A (R976)(USC&GS) Lancaster Rd (State-Hwy 138, 1.65 mi East of Old Ridge-Route. Hwy F.B 3725-171
				280				33	
1.	276	172	577 5	272 8	29	483	330 5	25 8	
								8	
								16 M	
	29	483							
+	246	689							
	+	021							
+	246	710							
									Π = Anderson
									Note- 2 Rods used
BM102-75B									BM 102-75B (Q976)(U.S.C.&G.S) Lancaster-Rd (State-Hwy 138, 1.65 mi East of Old Ridge-Route. F.B 3725-171

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

SURVEY BY R.C. Bowers

NOTES BY Rodriguez-Q DATE 1-22-69

INDEXED [illegible] DATE

T = 46°
T = 46°

WEATHER Light wind

TIME 11:20

NOTES CHKD [illegible]

ROD NO. 96-95

INST. NO. 75234

F.B. 3789 Pg. 143

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM102-75B TO BM102-75A
BM102-75B									BM102-75B (Q976) (U.S.C.&G.S.) Lancaster Rd (State Hwy 138, 1.3 Mi East of Ridge Rd.
				52				299	FB 2412-171
1	48	420	349 5	44 08	295	096	596 5	291 08	
								08	
					48	420		16	MTRS
					− 246	676			
						021			
					− 246	655			
									π = Anderson
									Note - 2 Rods Used
BM102-75A									BM102-75A (R976) (U.S.C.&G.S.) Lancaster Rd (State Hwy 138, 1.65 Mi East of Old Ridge Route Hwy.) F.B 3725-171

F.B. 3789 PG. 144 JOB NO. C301-02

SURVEY OF Local COUNTY PRECISE LEVEL NET

SURVEY BY RLB NOTES Rodriguez R - 1-22-65

INDEXED [redacted] DATE

WEATHER Overcast - Mid INST. NO. 75234

TIME 1 PM ROD NO. 96-95

NOTES CHKD [signature] DATE

T = 46°

T = 46°

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.C. Bowers

NOTES BY Rodriguez R DATE 1-22-69

INDEXED [illegible] DATE

WEATHER Light-wind INST. NO 75234

TIME 11:20 ROD NO 96-95

NOTES CHKD [illegible] DATE FEB 14 69

F.B. 3789 PG. 145

T = 46°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM102-75B TO BM102-76
BM102-75B									BM102-75B (Q976)(USC&GS)
				18				251	Lancaster-Rd (State Hwy 138)
1.	16	997	317.5	14 04	248	692	549.5	245 06	1.65 mi East of Old Ridge
				60				267	Route.
2.	56	279	357.5	52 08	263	827	564.5	259 08	F.B 3725-171
				25 12				174 14	
3	22	870	323.5	19 6	171	209	472.5	168 6	
	203			237 18				72 20	
4	~~203~~	883	504.5	169 68	38	212	339.5	04 68	
				296 86				50 88	
5	269	351	570.5	242 54	22	080	323.5	22(½ 56	
				302 140				59 144	TT = Anderson
6	273	078	574.5	244 58	28	781	329.5	28(½ 54	
				263 198				28 198	
7	248	612	549.5	233 30	10	949	311.5	10(½ 36	
				203 228				57 224	
8	194	317	495.5	185 18	50	903	351.5	43 14	
				246 ✓				248 ✓	
	1285	387 ✓			834	653 ✓		246 ✓	
	834	653 ✓						~~594~~ MTRS	
+	450	885 ✓						494 ✓	
BM102-76									BM102-76 (US 3159)(USC&GS)
									R-305 - Lancaster-Rd - State-
									Hwy 138, 1.3 mi East of
									Ridge Rd
									F.B 2412-80

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3789 Pg. 146 — SURVEY OF L.A. COUNTY PRECISE LEVEL NET — JOB NO. 0361-13 — SURVEY BY RG, RC, MS — NOTES Redlands 12-1-23-64 — INDEXED RG BALL — DATE — NOTES CHKD DE — DATE — WEATHER T=48° T=48° Light wind — TIME 11 AM — INST. NO. 73 234 — ROD NO. 96-95

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	BM FROM 102-76 TO BM 102-75B
BM102-76									BM102-76 (U.S.3159)
				50				196	U.S.C.&G.S.) R-305
1	43	709	344	5 36 14	167	230	488	5 176 18	State-Hwy 138 Lancaster
				40				247	12 rd - East of Ridge Route
2	22	687	323	5 4 36	232	837	533	5 217 30	F.B 2412-80
				33 50				250 48	
3	13	771	314	5 13(½ 40	230	424	531	5 205 45	✓
				43 90				295 93	
4	15	722	316	5 15 56	295	511	596	5 249½ 52	
				95 146				284 145	
5	61	564	362	5 61(½ 68	250	062	551	5 216 68	
				161 214				13 213	T=ANDERSON
6	158	670	459	5 155 06	10	352	311	5 7 06	
				252 220				44 219	
7	248	441	549	5 244 08	40	852	341	5 36 08	
				256 228				24 227	
8	254	255	555	5 252 04	22	568	323	5 20 04	
				232 ✓				231 ✓	
	818	819 ✓			1269836 ✓			232 ✓	
					818 819 ✓			463	MTR'S
				—	451017 ✓			463 ✓	
BM102-75B									BM102-75B (C976)(U.S.C.&S)
									Lancaster-Rd (State-Hwy
									138) 1.3 mi East of Ridge
									12 rd.
									F.B 2412-80 171

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM102-76 TO B.M. 102-76A
B.M. 102-76									BM102-76 (U.S.C&G.S) (U.S.3159)
		210		39				276	R-305, LANCASTER Rd - STATE
1	27	~~342~~	328 5	15 24	263	494	564 5	250 26	HWY 138, 1.3 MI EAST OF
				40				293	Ridge Rd
2	25	181	326 5	10 30	293	605	594 5	278 1/2 30	F.B 2412-80
				55 54				133 56	
3	47	856	348 5	39 16	125	390	426 5	117 16	
				271 70				108 72	
4	268	572	569 5	265 6	105	767	406 5	102 6	
				76				78	⊼ DONLEVY
	368	819			788	256		76	
					368	819		154	MTRS,
					419	437			
B.M. 102-76A									B.M. 102-76 A (U.S.C.&G.S.
									LANCASTER Rd., 1.3 MI. E. (N-976)
									OF OLD RIDGE RT. HWY, & 488 51 NORTH
									OF RD.
									F.B. 3725-175

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

SURVEY BY R. C. BOWERS

NOTES BY R. ANDERSON DATE 1/22/69

INDEXED D.L. HALL DATE

WEATHER Cloudy & St. Wind

TIME 1120 P.M.

NOTES CHKD. [illegible] DATE

INST. NO. 75234

ROD NO. 95 & 96

F.B. 3789 PG. 147

T = 50°
= 50°

F.B. 3789 Pg. 148 — SURVEY OF L.A. COUNTY PRECISE LEVEL NET — JOB NO. 0801.02
SURVEY BY Bykes NOTES R. Anderson 1/28/39 — WEATHER Cloudy & Windy — INST. NO. 75729
INDEXED D.A.Hill DATE — TIME 10:30 A.M. — ROD NO. 18 & 96
NOTES CHKD L.O.K. DATE FEB 14 39

T = 44°
T = 96°

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 102-76A TO B.M. 102-76
B.M. 102-76	A								B.M. 102-76A (U.S.C.&G.S. ~~R-305~~ N-976 LANCASTER RD. (HWY # 138)
				105				268	
1	102	580	403 .5	99 .4	265	360	566 .5	262 .4	1.3 MI. E. OF RIDGE RD.
				127				50	
2	121	530	422 .5	115 .12	44	005	345 .5	38 .12	NO. SIDE OF RD. 488'± NORTH
				292 .18				38 .18	~~F.B. 2412-80~~
3	292	335	597 .5	277½ .30	23	921	324 .5	8 .30	F.B. 3725-175
				272 .48				35 .48	
4	260	020	561 .5	298 .24	23	720	324 .5	11 .24	
				72				72	
	776	465 ✓			357	006 ✓		72 ✓	↑ DONLEVY
	357	006 ✓						144	MTRS
+	419	459 ✓							
B.M. 102-76									B.M. 102-76 (U.S.C.&G.S. R-305) LANCASTER RD. (HWY # 138), 1.3 MI. E. OF OLD RIDGE RT. HWY. NO. OF RD. F.B. 2412-80

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 102-76A TO B.M. 102-76B
B.M. 102-76 A									B.M. 102-76 A (U.S.C. & G.S. N-976)
				179				238	LANCASTER RD., 1.3 MI. E. OF OLD
1	177	880	478 5	175 4	236	285	537 5	234 4	RIDGE RT. HWY & 488± NO. OF RD.
					177	880		4	F.B. 3725-175
					- 58	405		8	MTRE
					~~1~~	~~1021~~			
					- ~~58~~	~~384~~			
									T. DONLEVY
									NOTE: 1 ROD USED
B.M. 102-76 B									B.M. 102-76 B (U.S.C. & G.S. P-976)
									LANCASTER RD., 1.3 MI. E. OF OLD
									RIDGE RT HWY & 492'± NO. OF RD.
									F.B. 3725-175

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 1/22/69

INDEXED [illegible] DATE

WEATHER Cloudy & St. Wind

TIME 11:40 P.M.

NOTES CHKD. [illegible] DATE

T = 50°

T = 50°

F.B. 3789 PG. 149

INST. NO. 75234

ROD NO. 95 & 96

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. 102-76B TO B.M. 102-76A
B.M. 102-76B									B.M. 102-76 B (U.S.G.S. P-976) LANCASTER RD. (HWY # 138), 1.3 MI. E. OF OLD RIDGE RT HWY,
1	204	620	5 05 5	206 202 4	146	270	447 5	148 144 4	492' ± E. OF RD.
	146	270						4	F.B. 3725 - 175
+	58	350						8	MTRS
	~~1	021~~							
+	~~58~~	~~377~~							
									⊼ DONLEVY
									NOTE: 1 ROD
B.M. 102-76B									B.M. 102-76 A (U.S.G.S. N 976 LANCASTER RD. (HWY # 138), ABOUT 1.3 MI. E. OF OLD RIDGE RT HWY & 488 ± 1' NORTH OF RD. F.B. 3725 - 175

T = 44°
T = 44°

F.B. 3789 PG. 150

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

SURVEY BY BOWERS NOTES R. ANDERSON 1/23/69 WEATHER CLOUDY CLT. WIND TIME 10:25 A.M. INST. NO. 75234 ROD NO. 95 & 96

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 1/22/69

INDEXED [illegible] DATE

WEATHER Cloudy & St. Wind T = 45° T = 44°

TIME 1:50 P.M.

NOTES CHKD [illegible] DATE FEB 14 69

ROD NO. 95896

F.B. 3789 PG. 151

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-76B TO B.M. 102-77
B.M. 102-76B									B.M. 102-76B (U.S.C.&G.S. P-976)
				295				170	LANCASTER RD., 1.3 MI. E. OF
1	275	565	576 5	255 40	153	643	454 5	136 34	OLD RIDGE RT., 492' ± NO. OF RD.
				296				39	
2	287	106	588 5	278 18	27	281	328 5	15 24	F.B. 3725-175
				302 58				41 58	
3	287	277	588 5	272 30	26	286	327 5	11 30	
				295 88				47 88	
4	295	180	596 5	280 1/2 30	31	406	332 5	15 32	
				295 118				50 120	
5	295	392	596 5	280 1/2 30	36	610	337 5	22 28	⊼ DON LEVY
				291 148				58 148	
6	291	622	592 5	268 1/2 46	35	060	336 5	12 46	
				290 194				89 194	
7	263	151	564 5	236 54	62	411	363 5	35 54	
				283 248				65 248	
8	249	246	550 5	215 68	31	501	332 5	31 1/2 68	
				287 316				47 316	
9	287	133	588 5	253 1/2 68	13	190	314 5	13 1/2 68	
				275 384				97 384	
10	276	060	576 5	241 1/2 68	63	378	364 5	29 68	
				256 452				114 452	
11	248	102	549 5	240 16	106	700	407 5	98 16	
~~B.M. 102-77~~				199 468				106 468	B.M. 102-77
12	191	080	492 5	183 16	98	986	399 5	90 16	LANCASTER RD (HWY 138) ABOUT
B.M. 102-77				484				484	0.75 MI. E. OF RIDGE RD AT CUDY
	3245	914	✓		686	452		484	" A 51+15 - SOUTH SIDE OF RD.
	686	452	✓						
+	2559	462	✓					968	F.B. 2412-81

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. 102-77 TO B.M. 102-76B.
B.M. 102-77									B.M. 102-77
				106				198	LANCASTER RD. (HWY 138)
1	98	880	399.5	90 16	190	960	491.5	182 16	ABOUT 0.75 MI. E. OF
				115				185	RIDGE RD. AT CULV. #A51+15
2	106	245	407.5	97 18	177	721	478.5	169 16	SOUTH SIDE OF RD.
				57 34			600	299 32	F.B. 2412-81
3	17	964	318.5	17 (1/2) 68	299	595	5	264 (1/2) 70	
				46 102				286 102	
4	12	800	313.5	12 (1/2) 68	286	800	587.5	252 (1/2) 68	
				64 170				288 170	T DONLEVY
5	30	992	331.5	30 (1/2) 68	254	215	555.5	220 68	
				94 238				289 238	
6	67	515	368.5	40 54	262	460	563.5	235 54	
				57 292				291 292	
7	34	576	335.5	11 46	291	512	592.5	268 (1/2) 46	
				50 338				293 338	
8	34	654	335.5	18 32	293	450	594.5	278 (1/2) 30	
				44 370				292 368	
9	28	492	329.5	12 32	292	277	593.5	276 (1/2) 32	
				39 402				300 400	
10	23	301	324.5	7 32	284	295	585.5	268 32	
				35 434				295 432	
11	23	785	324.5	11 24	283	605	584.5	271 24	
				102 458				225 456	
12	82	613	383.5	62 40	204	610	505.5	188 42	
B.M. 102-76B				498	3121	500		498	B.M. 102-76B (U.S.C.&G.S. P-976)
	561	817			561	817		498	LANCASTER RD. 1.3 E. OF
				—	2559	683		996	OLD RIDGE RT. 1492 No. OF
									F.B. 3725-175 RD.

T = 460°
T = 44°

WEATHER CLOUDY & CALM INST. NO. 75234
TIME 9:25 A.M. ROD NO. 95696
NOTES CHKD [illegible] DATE FEB 14 69

SURVEY OF L.A. COUNTY PRECISE LEVELNET JOB NO. 0361.02
SURVEY BY [illegible] NOTES R. ANDERSON 1/23/69
INDEXED [illegible] DATE

F.B. 3789 Pg. 152

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.C. BOWERS DATE 1-27-69 WEATHER Clear-H.Breeze TIME 10:35 INST. NO. 75234

NOTES BY R.L.B. DATE

INDEXED B.L. BALLY DATE NOTES CHKD [illegible] DATE FEB 14 69

F.B. 3789 PG. 153

TE 46°

TE 44°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-77 TO BM 102-78
BM 102-77									BM 102-77
									Hwy 138 @ Cul # A51+15
1	173	837	474 5	203 / 143 60	62	368	363 5	72 / 32 60	So. of Rd.
									FB 2412-81
2	263	462	564 5	288 / 238 50	13	518	314 5	38 / 13 (1/2) 50	
				110				110	
3	300	170	601 5	300 / 278 (1/2) 44	34	670	335 5	56 / 12 44	
				154				154	
4	266	271	567 5	288 / 244 44	16	675	317 5	40 / 16 (1/2) 48	π Rodriquez
				198				202	
5	272	641	573 5	290 / 254 36	26	702	327 5	44 / 8 36	
	266	190	567 5	289 / 243 234				238	
6	~~79~~	~~132~~	~~380 5~~	~~102 / 56 46~~	79	132	380 5	102 / 56 46	
				280				284	
7	284	792	585 5	284 / 264 (1/2) 40	40	512	341 5	58 / 22 36	
				320		168		320	
8	210	385	511 5	215 / 205 10	46	~~118~~	347 5	53 / 39 14	
				330				334	
	2037	748			319	745		330	
	319	745						664	
+	1718	003							
BM 102-78									BM 102-78
									Hwy 138 @ Cul.# A29+71
									So. of Rd
									F.B. 2412-82

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 BM102-78 TO BM102-77
BM102-78									BM 102-78
									Hwy 138 @ Cul# A29+71
1	53	232	354 5	60 46 14	202	745	503 5	208 196 12	So. of Rd.
									F.B. 2412-82
2	26	662	327 5	44 8 36	281	237	582 5	301 261 40	
				50				52	
3	~~81~~ ~~80~~ 80	982	381 5	103 57 46	273	614	574 5	295 251 44	
				96				96	
4	37	760	338 5	55 19 36	279	570	580 5	296 262 34	
				132				130	⊼ Rodriguez
5	18	680	319 5	42 18 (1/2) 48	270	761	571 5	292 248 44	
				180				174	
6	61 ~~62~~	956	362 5	83 39 44	298	180	599 5	298 275 (1/2) 46	
				224				220	
7	21	668	322 5	46 21 (1/2) 50	297	670	598 5	297 272 (1/2) 50	
				274				270	
8	66	870	367 5	96 36 60	182	401	483 5	272 152 60	
				334 ✓				330 ✓	
	367	810 ✓			2086	178		334 ✓	
					367	810 ✓		664 ✓	
				—	1718	368 ✓			
BM102-77									BM 102-77
									Hwy 138 @ Cul# A51+15
									So. of Rd.
									F.B. 2412-81

F.B. 3789 PG. 154

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY Bowers NOTES RCB 1/29/69

INDEXED [illegible] DATE

JOB NO. 0301.02

WEATHER Clear-Breeze INST. NO. 75234

TIME 10:15 ROD NO. 95-96

NOTES CHKD [illegible] DATE [illegible]

T=33°

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=38° T=37°

SURVEY BY R.C. Bowers WEATHER Clear INST. NO. 75234

NOTES BY RCB DATE 1/29/69 TIME 2:15 ROD NO. 95-96

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE FEB 14 69

F.B. 3789 Pg. 155

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-77 TO BM 102-78
BM102-77									BM 102-77
									Hwy 138 @ Cul # A51+15
1	178	387	479 5	208 / 148 60	61	321	362 5	91 / 31 60	So. of Rd
									FB 2412-81
2	296	~~627~~ 627	597 5	296 / 271 (1/2) 50	23	929	324 5	49 / 23 (1/2) 52	
				110				112	
3	285	~~612~~ 495	586 5	285 / 262 (1/2) ~~46~~	30	082	331 5	52 / 8 44	
				156				156	
4	247	310	548 5	270 / 224 46	10	611	311 5	33 / 10 (1/2) 46	
				202				202	π Rodriguez
5	~~270~~ 269	968	570 5	286 / 252 34	15	724	316 5	33 / 15 (1/2) 36	
				236				238	
6	247	808	548 5	269 / 225 44	65	805	366 5	88 / 42 46	RERUN
				280				284	
7	274	988	575 5	294 / 254 40	20	708	321 5	38 / 2 36	
				320		949		320	
8	200	685	501 5	206 / 194 12	54	~~999~~	355 5	60 / 48 12	
				332				332	
	2001	268			283	129		332	
	283	129						664	
+	1718	139							
BM102-78									BM 102-78
									Hwy 138 @ Cul # A29+71
									So. of Rd.
									FB 2412-82

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. 3789 Pg. 156 JOB NO. 080.02 SURVEY OF LaAr COUNTY PRECISE LEVEL NET SURVEY BY Bauer NOTES 2-28 1/29/69 INDEXED D.M.B.ALL DATE

WEATHER T=90° T=90° TIME 1:50 NOTES CHKD DLC INST. NO. 2231 ROD NO. 15-84 DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-78 TO BM 102-77
BM 102-78									BM 102-78 Hwy 138 @ Cul * A 29+71 So. of Rd FB 2412-82
1	59	338	360	5	204	961	505	5	
				65 53 12				210 198 12	
2	23	933	324	5	280	903	581	5	
				41 5 36				200 160 40	
				48					52
3	67	732	368	5	247	262	548	5	
				90 49 46				268 226 42	
				94					94
4	13	292	314	5	275	106	576	5	
				31 15 (½) 28				292 258 34	
				122					128
5	15	828	316	5	244	870	545	5	A Rodriguez
				28 15 (½) 46				266 222 44	
				168					172
6	27	421	328	5	282	083	583	5	RERUN
				49 5 44				282 260½ 44	
				212					216
7	19	218	320	5	292	678	593	5	
				49 19 (½) 50				292 266 (½) 52	
				262					268
8	61	712	362	5	178	900	479	5	
				91 31 60				208 148 60	
				322					328 ✓
	288	474 ✓			2006	763 ✓			322 ✓
					288	474 ✓			650
					1718	289 ✓			
BM 102-77									BM 102-77 Hwy 138 @ Cul * A 51+15 So. of Rd. F.B. 2412-81

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY R.C. Bowers

NOTES BY RCB DATE 1/27/69

INDEXED [illegible] DATE

WEATHER Cloudy-Gentle Rain T-44° T-43°

TIME 11:10

NOTES CHKD [illegible] DATE

INST. NO. 75234

ROD NO. 95-96

F.B. 3789 PG. 157

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM102-78 TO BM 102-78A
BM 102-78									BM 102-78
									Hwy 138 @ Cul. # A 29471
1	228	021	529 5	249 207 42	11	250	312 5	33 11 (1/2) 44	So. of Rd.
									F.B. 2412-82
2	263	592	564 5	279 247 32	102	040	403 5	122 82 40	
				74				84	
	491	613			113	290		74	
	113	290						158	
+	378	323							
									π Rodriguez
BM 102-78A									BM 102-78A (USC&GS H-1044, 1960)
									Hwy 138 @ Cul. # 53-543
									No. of Rd on Hd. wall
									FB 3725-181

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 102-78A TO BM 102-78
BM 102-78A									BM 102-78A (USC & GS-H 1044-1960)
1	119	262	420 5	136 102 34	283 ~~284~~	918	584 5	302 266 36	Hwy #138 & Cul # 53-543.
2	11	838	312 5	33 11 (44	225	482	526 5	246 204 42	No of ℄ on Hdwll.
				7.8				7.8	F.B. 3725-181
	131	100			509	400		7.8	
					131	100		15.6	MTRS.
					378	300			
									R. Rodriguez
BM 102-78									BM 102-78 Hwy #138 & Culvert # A 29+71. So. of Rd. C F.B. 2412-82

F.B. 3789 PG. 158 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY R.C. Barnes / Donley 1-28-69

INDEXED [illegible] DATE

WEATHER Clear-Mod. INST. NO. 75234

TIME 2:35 ROD NO. 95-96

NOTES CHKD [illegible] DATE [illegible]

T = 40°
T = 38°

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — F.B. 3789 Pg. 159
SURVEY BY R.C.B. DC Bowers — DATE 11/27/69 — TIME 11:15 — WEATHER Cloudy, Breezy — INST. NO. 25234
NOTES BY R.C.B. — DATE — NOTES CHKD — ROD NO. 24-93
INDEXED — DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									From BM 102-78A To BM 102-79
BM 102-78A									BM 102-78A (USC&GS H 1044, 1960)
									Hwy 138 @ Cul # 53-543
1	282	732	583 5	282 / 254 (½) 56	181	292	482 5	210 / 152 58	No. of Rd. on Hd. wall
									F.B. 3725-181
2	29	130	330 5	51 / 7 44	254	652	555 5	276 / 232 44	
				100				102	
3	14	916	315 5	25 / 3 22	238	848	539 5	249 / 227 22	
				122				124	
4	19	631	320 5	35 / 3 32	266	692	567 5	282 / 250 32	
				154				156	
5	64	690	365 5	77 / 51 26	245	638	546 5	257 / 233 24	
				180				180	T Rodriguez
6	63	868	364 5	78 / 48 30	217	243	518 5	231 / 203 28	
				210 ✓				208 ✓	
	474	967 ✓			1404	365 ✓		210 ✓	
					474	967 ✓		418	
					− 929	398 ✓			
BM 102-79									BM 102-79
									Hwy 138 & Old Ridge Rt., S.E. Cor.
									Br. Spk. in Hd. wall
									F.B. 2412-83

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 102-79 TO B.M. 102-78A
BM102-79									BM102-79
1	217	230	518 5	231 203 28	64	808	365 5	79 49 30	STA Hwy #138 & OLD Ridge Rte. S.E. Cor. Bolt Sp. in Hdwll.
2	246	575	547 5	258 234 24 52	66	740	367 5	79 53 26 56	F.B. 2412-83
3	268	745	569 5	284 252 32 84	20	902	321 5	36 4 32 88	
4	240	141	541 5	252 228 24 108	15	148	316 5	26 4 22 110	T. R. Rodriguez
5	255	331	556 5	278 232 46 154	30	845	331 5	52 8 44 154	
6	181	818	482 5	210 152 58 212	281	982	582 5	281 252 (58) 212	
	1409	840			480	425		212	mtrs.
	480	425						424	mtrs.
	+ 929	415							
BM102-78A									BM 102-78A (USC&GS H 1044-1960) Hwy #138 & Cul. #53-543 No. of E on Hdwll. F.B. 3725-181

F.B. 3789 PG. 160 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISION LEVELING

SURVEY BY [illegible] NOTES T. Dodge

INDEXED [illegible] DATE

WEATHER Clear Gentle T=44° T=40° INST. NO. 75234

TIME 2:15 ROD NO. 95-96

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=44° F=43° WEATHER Cloudy-Sunny F.B. 3789 PG. 161
SURVEY BY R.C. Bowen DATE 1/27/61 TIME 1105 INST. NO. 2226
NOTES BY R.C.B. DATE NOTES CHKD ROD NO. R-28
INDEXED L.E.B. DATE DATE FEB 14 '61

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-79 TO BM 102-80
BM 102-79									BM 102-79
									Hwy 138 & Old Ridge Rt.
1	161	674	462 5	186 / 136 50	11	095	312 5	36 / 11 (½) 50	S.E. Cor., Bt. spk. in Hd. wall
									F.B. 2412-83
2	269	390	570 5	282 / 256 26	43	228	344 5	55 / 31 24	
				76				74	
3	271	041	572 5	284 / 258 26	58	342	359 5	71 / 45 26	
				102				100	
4	204	500	505 5	224 / 184 40	259	940	560 5	280 / 238 42	
				142				142	
5	25	755	326 5	38 / 12 26	292	540	593 5	279 / 280 (½) 24	⊼ Donley
				168				166	
6	12	420	313 5	24 / 12 (½) 24	296	860	597 5	296 / 284 (½) 24	
				192				190	
7	14	122	315 5	26 / 2 24	294	452	595 5	294 / 282 (½) 24	
				216				214	
8	17	975	318 5	29 / 5 24	296	501	597 5	296 / 284 (½) 24	
				240				238	
9	27	268	328 5	38 / 16 22	282	835	583 5	294 / 270 24	
				262				262	
10	63	313	364 5	74 / 52 22	213	930	514 5	224 / 202 22	
				284 ✓				284 ✓	
	1067	458	✓		2049	723 ✓		284 ✓	
BM 102-80					1067	458 ✓		568	BM 102-80 (USC&GS C-370, 1953)
					982	265 ✓			Hwy 138 & Hwy Sta. 150+64
									N'ly of Rd. @ Curve
									F.B. 2412-84

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 3789 PG. 162 JOB NO 0301.02 SURVEY OF Lidar COUNTY NO PRECISE LEVEL NET
SURVEY BY Bowers NOTES R. Anderson 1/28/69 INDEXED B.L.BALL DATE
NOTES CHKD DATE WEATHER Overcast & T.W.I.N.D. INST. NO 75239
TIME 1:30 P.M. ROD NO 95496

T = 43°
T = 49°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-80 TO B.M. 102-79
B.M. 102-80				193				46	B.M. 102-80 (U.S.C. & G.S. C-370 1953)
1	184	990	485 .5	176 18	36	845	337.5	26 20	HWY #138 & HWY. STA. # 150+64, NO. OF RD. ON CURVE
				298				40	F.B. 2412-84
2	286	147	587 .5	274 24	28	350	329.5	16 24	
				296 42				32 44	
3	296	686	597 .5	284 1/2 24	20	278	321 .5	8 24	
				296 66				41 68	
4	296	728	597 .5	284 1/2 24	29	011	330 .5	17 24	
				298 90				23 92	T DONLEVY
5	298	773	599 .5	285 1/2 26	11	177	312 .5	11 1/2 24	
				292 116				27 116	
6	280	768	581 .5	268 24	13	488	314 .5	13 1/2 28	
				293 140				226 194	
7	272	135	573 .5	251 42	206	935	507 .5	186 40	
				72 182				284 184	
8	59	525	360 .5	46 24	27	380	572 .5	258 26	
				55 208				283 210	
9	43	609	344 .5	31 24	270	472	571 .5	257 24	
				44 232				193 236	
16	18	122	319 .5	18 1/2 52	167	369	468 .5	141 52	
				284				288	
	2032	472 ✓			1055	305 ✓		284	
	1055	305 ✓						572	
BM 102-79 (+)	982	167 ✓							B.M. 102-79 HWY #138 & OLD RIDGE RT. S.E. COR., BT. SPK. IN HD. WALL F.B. 2412-83

76P526 CE # 308 3-65

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

SURVEY BY R.C. Bowers DATE 1/27/69

NOTES BY R.C.B. DATE

INDEXED [illegible] DATE

WEATHER Cloudy-Breeze T=43° T=40° INST. NO. 75234

TIME 1:50 ROD NO. 75-[illegible]

NOTES CHKD [illegible] DATE FEB 14 '69

F.B. 3789 PG. 163

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 102-80 TO BM 102-81
BM 102-80									BM 102-80 (USC&GS C-370, 1953)
									Hwy 138 @ Sta. 150+64
1	18	314	319 5	28 8 20	288	376	589 5	299 277 22	N'ly of Rd. @ Curve
									F.B. 2412-84
2	49	614	350 5	62 36 26	259	075	560 5	272 246 26	
				46				48	
3	27	246	328 5	44 10 34	259	328	560 5	277 241 36	
				80				84	
4	66	597	367 5	88 44 44	265	107	566 5	289 241 48	
				124				132	* Donlevy
5	49	504	350 5	64 34 30	262	596	563 5	274 250 24	
				154				156	
6	48	580	349 5	69 27 42	158	725	459 5	179 137 42	
				196				198	
7	267	803	568 5	292 242 50	87	545	388 5	112 62 50	
				246				248	
8	43	330	344 5	69 17 52	300	585	601 5	300 274 (12) 52	
				298				300	
9	131	773	432 5	178 84 94	107	054	408 5	154 60 94	
				392				394	
10	204	693	505 5	226 182 44	89	345	390 5	110 68 42	
				436				436	
11	257	463	558 5	275 239 36	50	541	351 5	68 32 34	
				472				470	
12	255	710	556 5	271 239 32	27	535	328 5	43 11 32	
				504				502	

FORWARD RUN CONT. TOP REVERSE SIDE OF PG.

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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 102-80 TO BM 102-81
	FORWARD			RUN	Con't				
				504				502	
13	251	983	552 5	266 236 30	95	980	396 5	110 80 30	
				534				532	
14	177	490	478 5	183 171 12	239	536	540 5	245 233 12	
				546				544 ✓	
	1850	100			2491	328		546 ✓	
					1850	100		1090 ✓	
					641	228			⊼ Donlevy
BM 102-81									BM 102-81 (Calif. Div of Hwys) Hwy 138 @ Sta. K 185+32 S.E. of "Kinsey Ranch" Sign N. of Rd. F.B. 2412-85

F.B. 3789 PG. 164 JOB NO. 0301.02
SURVEY OF L.A. COUNTY PRECISE LEVEL NET
SURVEY BY Bowen NOTES RCB 1/27/69
INDEXED [illegible] DATE
WEATHER Cloudy-Breeze INST. NO. 75234
TIME 1:50 Cont ROD NO. 95-96
NOTES CHKD. [illegible] DATE
T=43°
T=40°

76P526 CE # 308 3-65

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.C. Bowers
NOTES BY RCB DATE 1/28/69
INDEXED R.B. BALLI DATE
WEATHER Cloudy-Lt. Breeze
TIME 10:00 Capt
NOTES CHKD [illegible] DATE FEB 14 69
INST. NO 75234
ROD NO 95-96
F.B. 3789 Pg. 165
T = 35°
T = 37°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
			BACK	RUN	CONT.				FROM BM 102-81 TO BM 102-80
				444				450	
				250				86	
13	225	885	526 5	200 50	65	170	366 5	44 42	
				276 494				44 492	
14	258	892	559 5	240 34	27	598	329 5	10 34	
				270 530				61 526	
15	257	390	558 5	244 26	47	390	348 5	33 28	
				298 556				28 554	
16	288	280	589 5	278 20	18	235	319 5	8 20	π DONLEVY
				576				574	
	2680	072			2038	945		576	
	2038	945						11.50	MTRS
	+ 641	127							
BM102-80									BM 102-80 (USC & GS C-370, 1953) Hwy 138 @ Sta. 150+64 N'ly of Rd. @ Curve FB 2412-84

[redacted]

80

[redacted] Hwy)

Hwy 138 @ Sta. K185+32
S.E. of "Kinsey Ranch" sign.
N. of Rd.
F.B. 2412-85

1	239	243	540	5	245 233	12	177	195	478	5	183 171	12	
2	97	025	398	5	112 82	30	253	800	554	5	268 238	30	
3	19	633	320	5	35 3	42 32	257	175	558	5	273 241	42 32	
4	54	650	355	5	72 36	74 36	255	608	556	5	273 237	74 36	
5	93	498	394	5	114 72	110 42	206	125	507	5	228 184	110 44	
6	111	590	412	5	158 64	152 94	135	142	436	5	182 8[illegible]	154 94	π Donlevy
7	152	921	453	5	157 145	248 14	81	222	382	5	88 74	248 14	
8	80	610	381	5	87 73	260 14	152	042	453	5	159 145	262 14	
9	291	615	592	5	291 266	274 1/2 50	30	980	331	5	55 3	276 52	
10	83	645	384	5	110 56	324 54	265	682	566	5	290 240	328 50	
11	158	114	459	5	179 137	378 42	54	390	355	5	73 35	378 38	
12	267	081	568	5	279 255 5	420 24	11	191	312	5	28 11	416 1/2 34	
						444						450	

BACK RUN CONT. TOP REVERSE SIDE OF PG.

SNOWING !!

T= 35°
T= 37°
WEATHER Cloudy - Hibrazze
TIME 10:00
NOTES CHKD [illegible]
INST. NO. 25234
ROD NO. 95-96
DATE

JOB NO. 0301.02
SURVEY OF U.S. COUNTY PRECISE LEVEL NET
SURVEY BY Bowers NOTES RCB 1/28/69
INDEXED [illegible] DATE

3789 PG 166