Notes Ck'd by	Surveyed by G. E. DREIER
Map No.	W. O.
Office Work	Notes G. E. DREIER
Checked	Indexed
Date	

JOB NO 0301.02

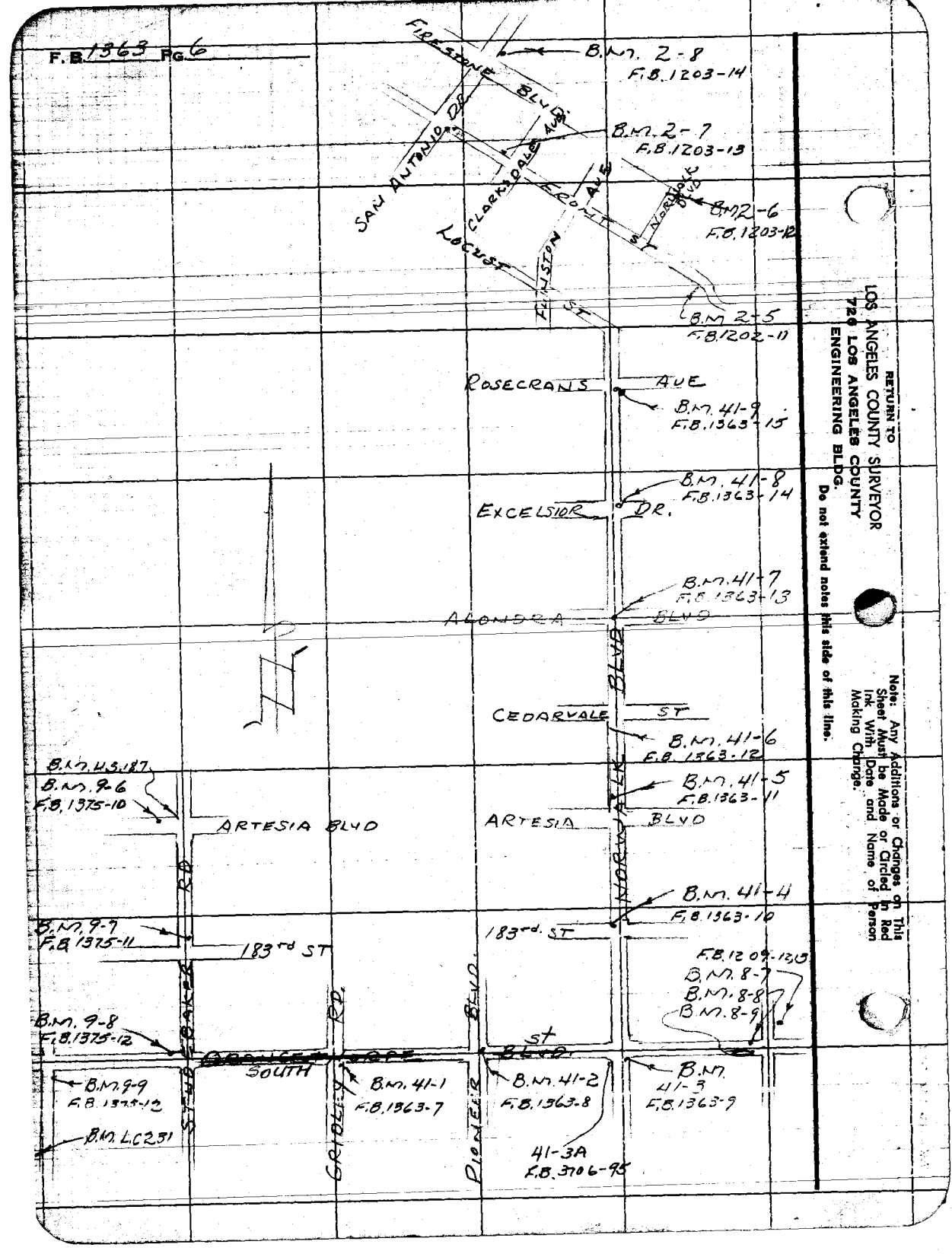
L.A. Co. PRECISE LEVEL NET

LINE NO. 41

ORANGETHORPE BLVD, FROM STODDARD RD. TO BLOOMFIELD AVE.
AND NORWALK BLVD, FROM ORANGETHORPE BLVD. TO NORWALK

DREIER, G.E.
LANDA, E.
SONNENSCHEIN, M.D.
RODRIGUEZ, R.T.
SMITH, A.D.

F.B. 1963 PG. 6



RETURN TO
LOS ANGELES COUNTY SURVEYOR
720 LOS ANGELES COUNTY
ENGINEERING BLDG.

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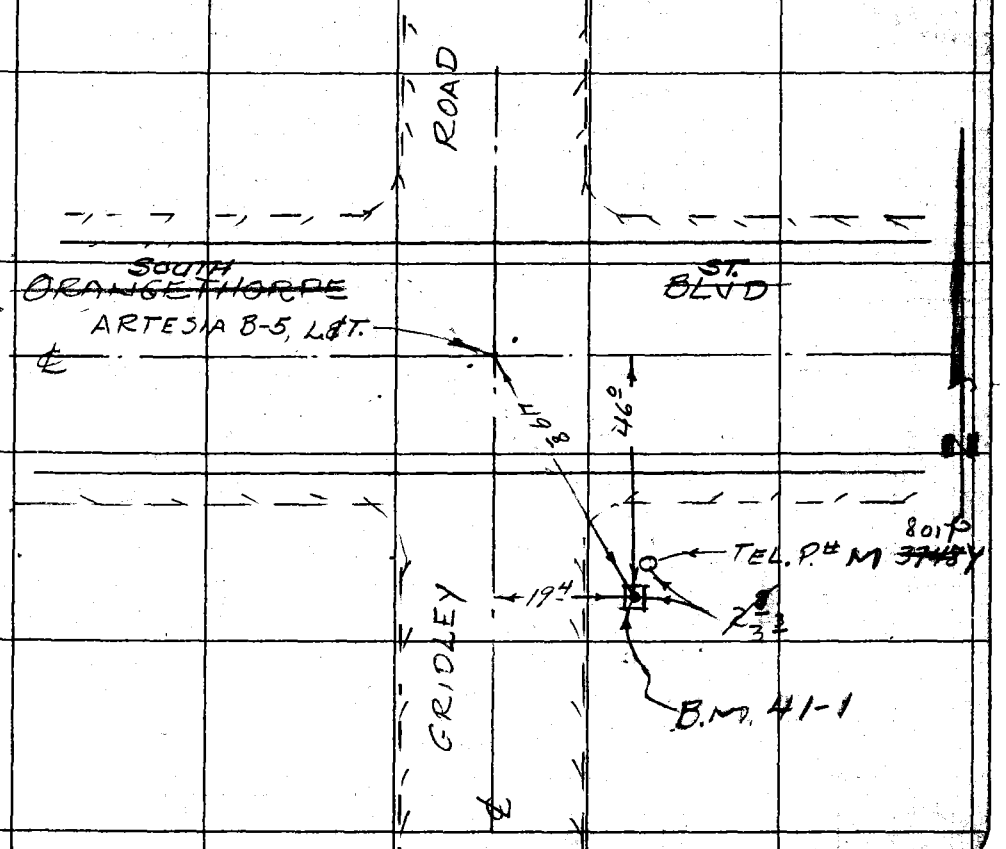
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey L. A. CO. PRECISE LEVEL NET
Map No.	W. O. 23042 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 7-27-54
Date	Indexed C. Johnson

F.B. 1363 Pg. 7

B.M. 41-1 (R.M. #4 ARTESIA B-5)
~~SOUTH ORANGETHORPE BLVD~~ 3rd AND GRIDLEY ROAD, 46.0 FT SOUTH OF, AND 19.4 FT EAST OF, AND 49.8 FT. SOUTH EAST OF ℄ INTERSECTION, (ALSO ARTESIA B-5) A STANDARD L.A. CO. SURVEY CONTROL SYSTEM REFERENCE MONUMENT STAMPED "ARTESIA B-5 R.M. NO 4" 28 INCHES BELOW THE SURFACE AND PROTECTED BY A 2' BLOCK OF CONCRETE AND CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"
SEE F.B. 3706-91 FOR B.M. 41-1A



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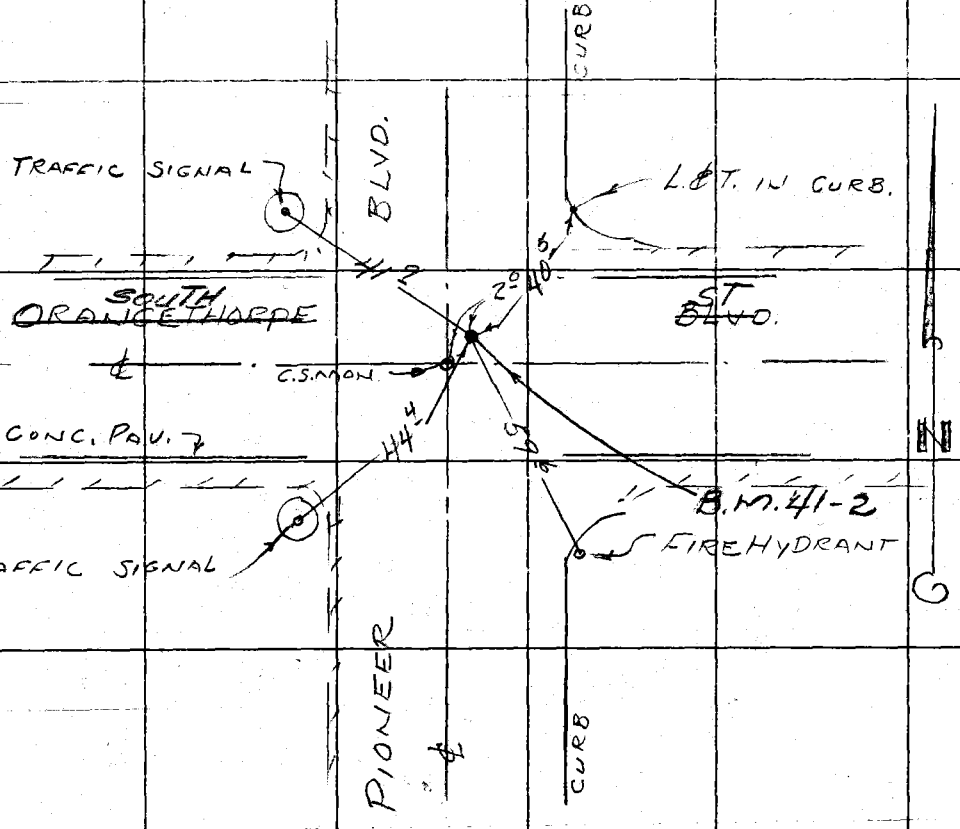
7572088 247 4-58

F.B. 1363 PG. 8

B.M. 41-2 (ARTESIA C-5A)
~~SOUTH ORANGETHORPE ST BLVD~~ AND PIONEER BLVD,
2.0 FT N.E. OF ℄ INTERSECTION, A STANDARD
L.A. COUNTY CONTROL SYSTEM TRAVERSE MONUMENT STAMPED "ARTESIA C-5A,
11 INCHES BELOW THE SURFACE AND
PROTECTED BY A CAST IRON COVER LETTERED
"COUNTY SURVEYOR MONUMENT"

SEE F.B. 3706-93 FOR B.M. 41-2A



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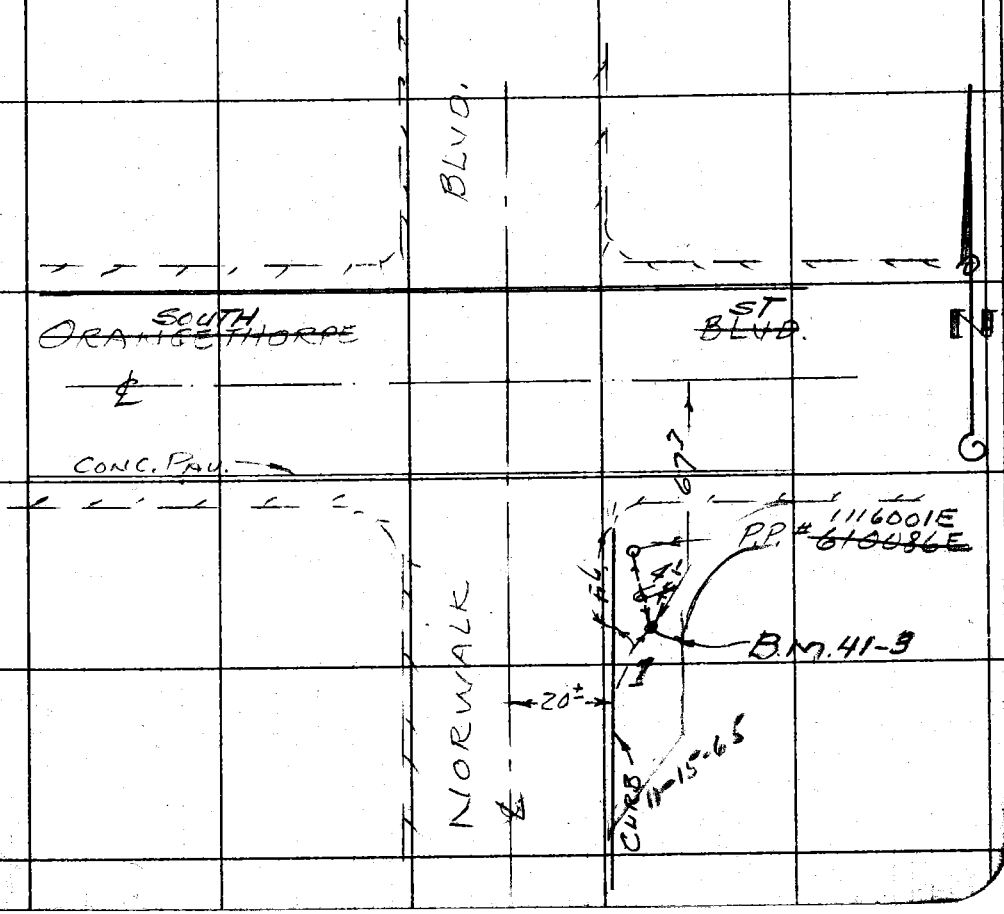
15"

Notes Ck'd by	L.A. CO. PRECISE LEVEL NET
Map No.	Survey of W.O. 0301.02 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 7-27-54
Date	Indexed C. Johnson

F.B. 1363 Pg. 9

B.M. 41-3 (R.M.# 4 ARTESIA D-5)
~~ORANGETHORPE BLVD.~~ SOUTH ST AND NORWALK BLVD, S.E. COR., 67.7 FT. SOUTH AND ± 21.7 FT EAST OF ℄ INTERSECTION, 1.7 FT. BACK OF CURB, A STANDARD L.A. CO. SURVEY CONTROL SYSTEM REFERENCE MONUMENT STAMPED "ARTESIA D-5 R.M. 4", 15 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT."
SEE F.B. 3706-95 FOR REPLACEMENT

11-15-65 NOT RECOVERED EITHER DESTROYED OR COVERED OVER BY NEW CONC. PAV. G.E.D.



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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 4-53

F.B. 1363 Pg. 10

9"

B.M. 41-4

NORWALK BLVD, AND 183RD STREET, N.W. COR, IN CORNER FORMED BY JUNCTION OF EAST EDGE OF SIDEWALK WITH CURB RETURN, 61.3 FT. NORTH OF AND 49.6 FT. WEST OF ℄ INTERSECTION, A STANDARD MONUMENT WITH BUTTON STAMPED "B.M. 41-4 1954 R.E.63" SET IN CONCRETE 9 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

NOT RECOVERED 8-27-70 G.E.D. CURB & WALK APPEARS NEW, ℄ RELOCATED?
SEE F.B. 3706-97 FOR 41-4A

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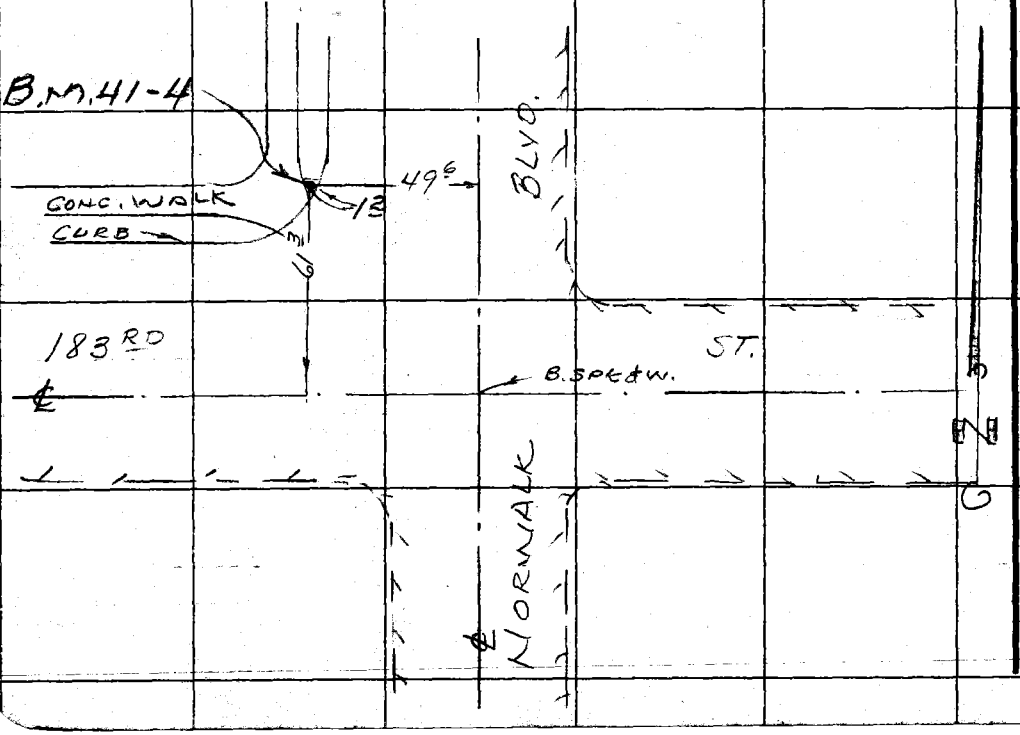
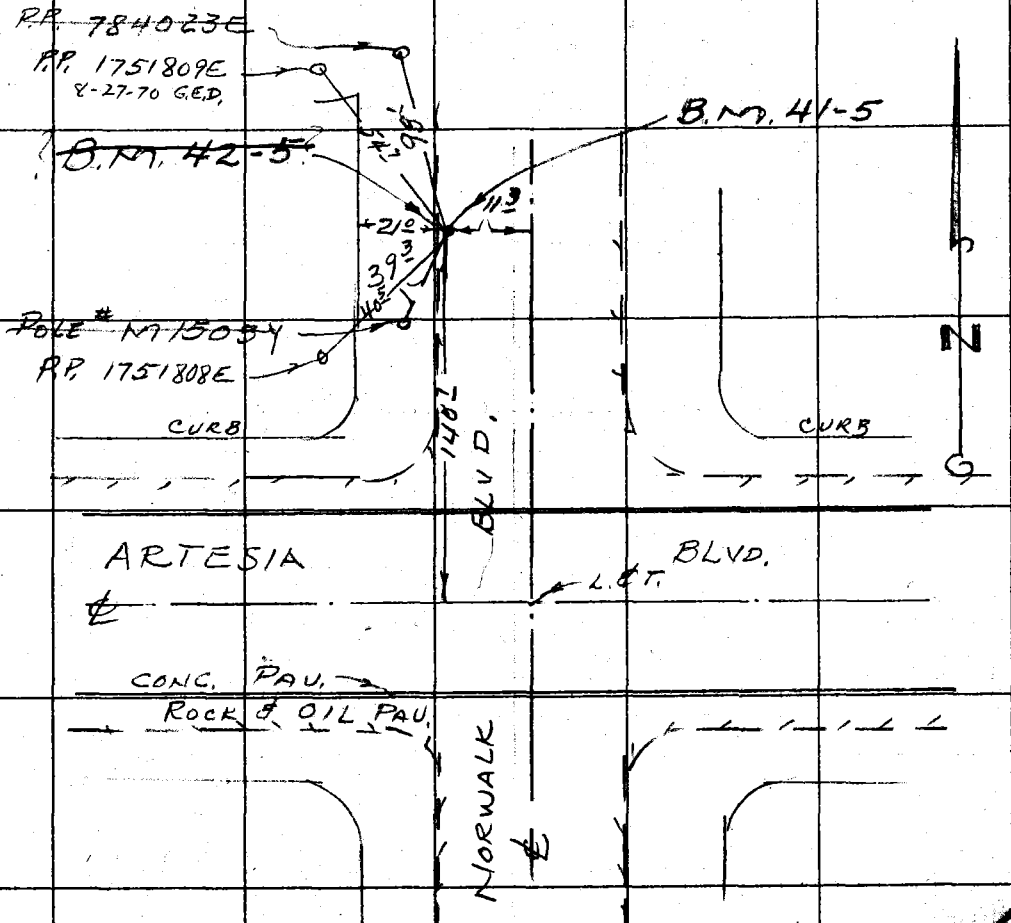


Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET B/363 Pg. 11
Map No.	W. O. 8301.02 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 7-27-54
Date	Indexed C. Johnson

B.M. 41-5

NORWALK BLVD, AND ARTESIA BLVD, 141 FT. NORTH AND 11.3 FT. WEST OF ℄ INTERSECTION, 40.5 ~~39.3~~ FT. N.E. OF POWER POLE ~~# M15034~~ 1751808E AND 54.7 ~~93.1~~ FT. S.E. OF POWER POLE ~~# 784023E~~ 1751809E, A STANDARD MONUMENT WITH BUTTON STAMPED "B.M. 41-5 1954 R.E. 63" SET IN CONCRETE 9 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"



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726 LOS ANGELES COUNTY
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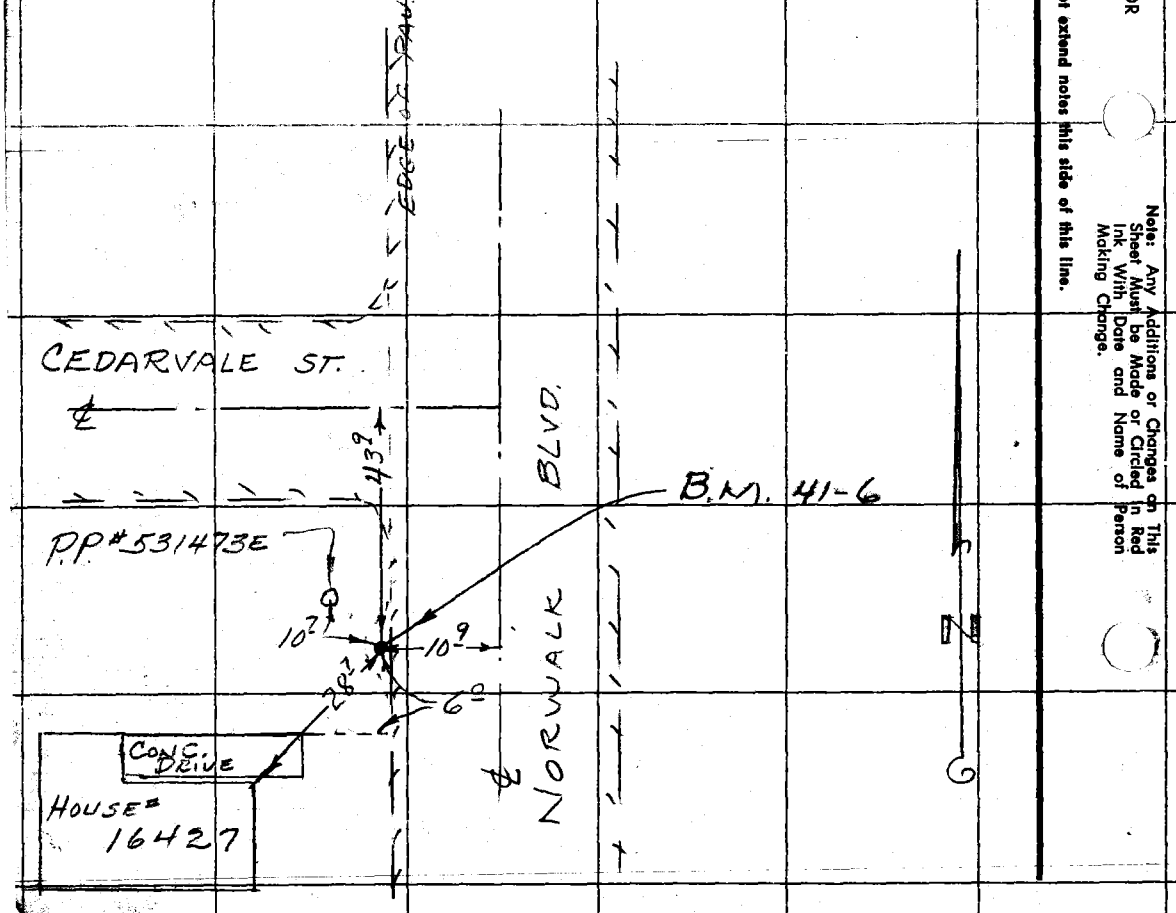
76F3095 247 4-53

F.B. 1563 PG. 12

B.M. 41-6

NORWALK BLVD AND CEDARVALE ST., 10.9 FT. WEST OF THE ℄ OF NORWALK BLVD, AND 43.9 FT. SOUTH OF THE ℄ OF CEDARVALE ST., 10.7 FT. SOUTHEAST OF POWER POLE NO. 5314736, A STANDARD MONUMENT, STAMPED "B.M. 41-6 1954 R.E. 63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

SEE F.B. 3706-101 FOR B.M. 41-6A



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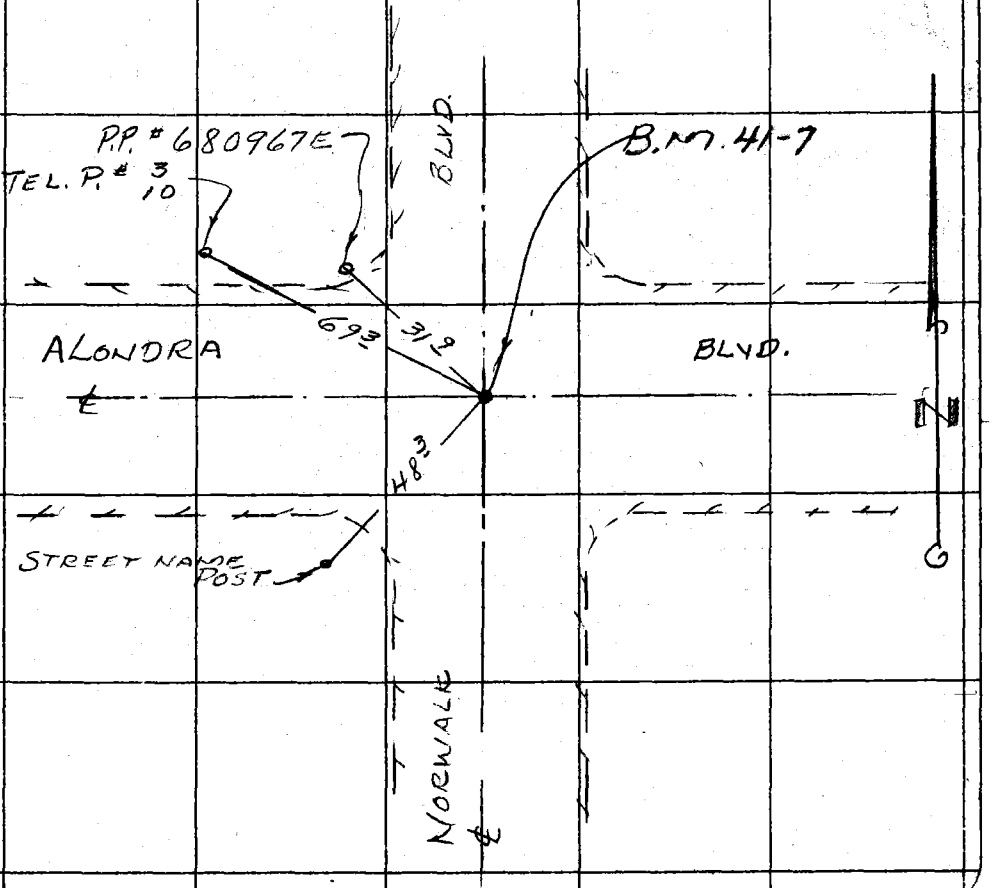
L.A. CO. PRECISE LEVEL NET B. 1363 PG. 13

Notes Ck'd by	Surveyed by W. 8301.42 ape No. St'd. °F
Map No.	Surveyed by G. E. DREIER
Office Work	Noted G. E. DREIER Date 7-29-54
Checked	Indexed C. Johnson
Date	

B.M. 41-7 (ARTESIA D-2)
NORWALK BLVD. AND ALONDRA BLVD, & INTERSECTION, A STANDARD L.A.CO. SURVEY CONTROL SYSTEM MONUMENT STAMPED "ARTESIA D-2 1945" 11. INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

SEE F.B. 3706-103 FOR B.M. 41-7A



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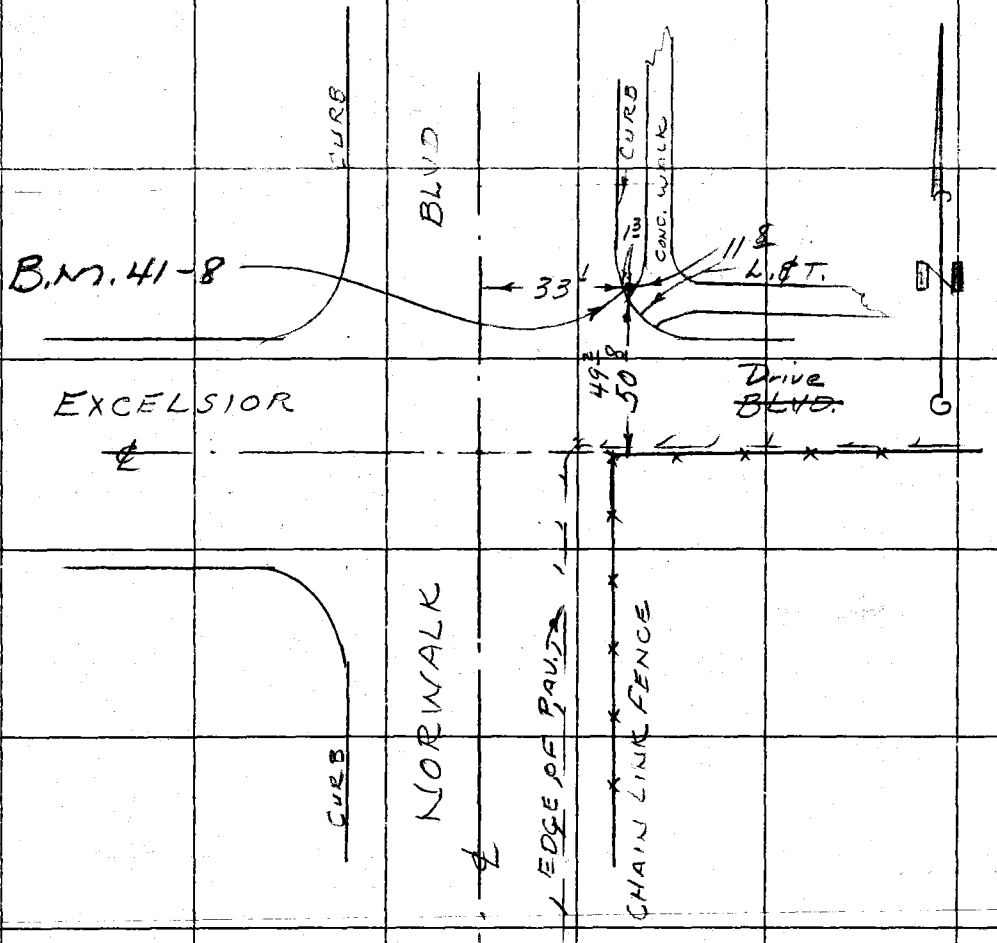
76F3098 247 4-53

F. B. 1363 Pg. 14

B.M. 41-8

NORWALK BLVD. AND EXCELSIOR DR,
50.8 FT. NORTH AND 33.1 FT EAST OF ℄.
INTERSECTION, 1.3 FT. BACK OF CURB
AT JUNCTION OF WEST EDGE OF SIDEWALK
AND CURB, A STANDARD MONUMENT
STAMPED "B.M. 41-8 1954 R.E. 63" SET
IN CONCRETE 12" BELOW THE SURFACE
AND PROTECTED BY A CAST IRON COVER
LETTERED COUNTY SURVEYOR MONUMENT

OK 2-11-75 G.E.D.



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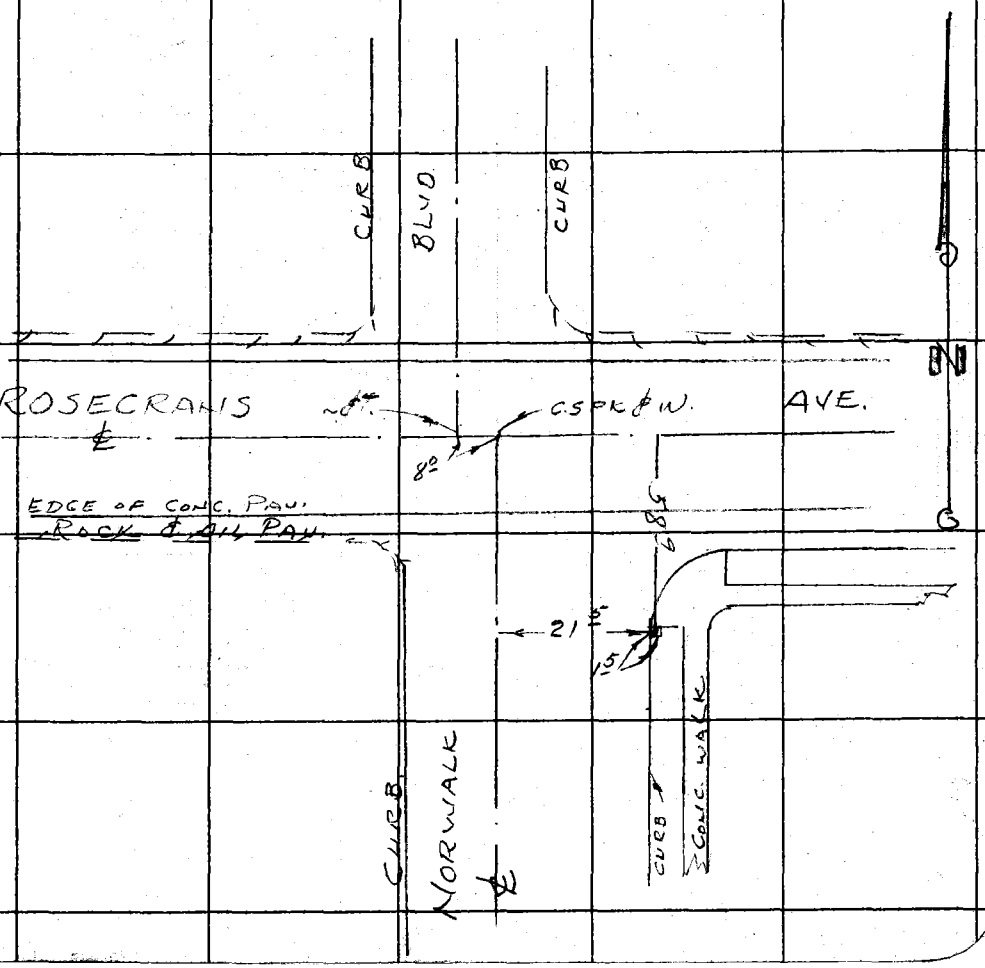
Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET F.B. 136 Pg. 15
Map No.	W.O. 0301.02 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 8-3-54
Date	Indexed C. Johnson

B.M. 41-9

NORWALK BLVD. AND ROSECRANS AVE, S.E. COR, NEAR SOUTH END OF CURB RETURN 1.5 FT. BACK OF CURB 58.9 FT. SOUTH OF AND 21.5 FT. EAST OF ℄ INTERSECTION, A STANDARD MONUMENT STAMPED "B.M. 41-9 1954 R.E. 63" SET IN CONCRETE 9 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"



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726 LOS ANGELES COUNTY
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765308 247 4-58

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F.B. 3963 PG. 16

F.B. 1363 Pg. 17

NOTES RED. _____ JOB NO. 0501.00 SURVEY OF GEOD. CONT.

DATE _____ SURVEY BY W. D. BAY

NOTES CHKD. _____ NOTES BY BAY DATE 11-25-59

DATE _____ INDEXED C. Johnson DATE 12-8-59

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

ROSECRANS AVE.

71.2

89.0

58.9

91.3?

93.3

BM 41-9A

BLVD.

21.5

BM 41-9

NORWALK

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

768420 353 3-51

76S420 353 3-51

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Do not extend notes this side of this line

JOB NO. 2301.00 SURVEY OF GEOD. CONT. NOTES RED. ____
SURVEY BY W. D. BAY DATE ____
NOTES BY BAY DATE 11-25-59 NOTES CHKD. ____
INDEXED C. Jones DATE ____ DATE ____

F.B. 2363 PG. 18

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Bm ~~14-9~~ 41-9	100.000	(ASSUMED	ELEV.)		90.180	Bm ~~14~~ 41-9 EL. ?
+	6.657		6.464			F.B. 1363-15 NORWALK BLVD.
π	106.657	+0.235	0.234	+0.235		& ROSECRANS AVE. S.E. COR.
−	6.422		6.230			58.9' S. OF ℄ ROSECRANS
	100.235					AVE. & 21.5' E. OF ℄ NORWALK
						BLVD. A STD. 2" BRASS
						C.S. B.M. CAP IN CONC. DN. 9" AND STAMPED "Bm ~~14~~ 41-9
						1954 RE 63" IN A WELL
						WITH A STD. C.I. COVER.
41-9A?						
Bm ~~14-9~~ 41-9A	100.235				90.415	Bm ~~14~~ 41-9A
+	6.289		6.321	.190		
π	106.524	0.189	0.189	+0.189		NORWALK BLVD. & ROSECRANS
−	6.100		6.132			AVE. S.E. COR. 39° S. OF
	100.424					℄ ROSECRANS AVE. & 91' E.
						OF ℄ NORWALK BLVD. S.T.A.
						STD. 2" BRASS C.E.B.M. CAP
						IN CONC. DN. 12" AND
						STAMPED "~~14~~ 41-9A 1959,
						R.E. 5869".
T.P.	100.424				90.605	
+	6.042		5.828	.425		
π	106.466	0.426	0.426	-0.426		
−	6.468		6.254			
~~Bm 14-9~~ 41-9	99.998				90.180	Bm ~~14~~ 41-9 (SEE ABOVE)

F.B. 1363 Pg. 19

NOTES RED. _____ JOB NO. 0701.00 SURVEY OF GEOD. CONT.

DATE _____ SURVEY BY W. D. BAY

NOTES CHKD. _____ NOTES BY BAY DATE 11-25-59

DATE _____ INDEXED C. Johnson DATE _____

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76420 353 3-51

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						BLVD.
						Bm. 41-8
						33.1
						49.2
						EXCELSIOR DRIVE
						74.0
						NORWALK
		1°				
B.M. 41-8A						28.4

769420 353 3-51

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JOB NO. 0301.00 SURVEY OF GEOD. CONT. NOTES RED. DATE
SURVEY BY W. D. BAY DATE 11-25-59 NOTES CHKD. CRG DATE
NOTES BY BAY DATE
INDEXED C. Johnson DATE

F.B. 1363 PG. 20

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Bm 41-8	100.000	(ASSUMED ELEV.)			77.180	Bm 41-8 EL. ?
+	5.172		5.368			FB. 1363 - 14 NORWALK BLVD.
π	105.172	-0.547		-0.548		& EXCELSIOR DR. N.E. COR.
-	5.719		5.915		See sketch Pg 19	50.8' N. OF ℄ EXCELSIOR DR.
	99.453					& 33.1' E. OF ℄ NORWALK BLVD.
						A STD. C.S. B.M. MON.
						STAMPED B.M. 41-8, 1954.
						R.E. 63" DN. 12" IN A WELL
						WITH A STD. C.I. COVER.
Bm 41-8A	99.453				76.632	Bm 41-8A
+	5.669		5.023			NORWALK BLVD. &
π	105.122	+0.525		+0.525		EXCELSIOR DR. S.W. COR.
-	5.144		5.548			74.2' S. OF ℄ EXCELSIOR DR.
	99.978					& 28.4' W. OF ℄ NORWALK
						BLVD. A STD. C.E. B.M. mon.
						STAMPED "41-8A 1959"
						RE 5869" SET IN CONC.
						DN. 12".
T.P.	99.978				77.155	
+	6.002		5.842			
π	105.980	+0.025		+0.025		
-	5.977		5.816			
	100.003					
Bm 41-8	100.003				77.180	Bm. 41-8 (SEE ABOVE)

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party G.E.DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E.DREIER Time 8:30 TO 9:10 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 9-6 To B.M. 9-7
Date 7-22-54
Indexed K.C. Johnson 8-16-54

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.960		215		#5	5.128		222		B.M. 9-6 BLVD.
	5.745		214			4.906		220		STUDEBAKER RD. & ARTESIA
	5.531		429			4.686		442		SEE F.B. 1375-18
1	17.236	5.745		.429	71°	14.720	4.907		442	FOR DESCRIPTION
	5.973		218			4.724		224		+ 5.745
	5.755		215			4.500		221		SIDE SHOT ON - 3.788
	5.540		433			4.279		445		U.S. 187 + 1.957
2	17.268	5.756		.864		13.503	4.501		.887	
	9.260		218			11.859		219		
	9.044		214			11.640		216		E. LANDA
	8.830		430			11.424		435		
3	27.134	9.045		1.294		38.923	11.641		1.322	
	4.140		224			5.043		222		
	3.916		225			4.821		219		
	3.691		449			4.602		441		
4	11.747	3.916		1.748		14.466	4.822		1.763	
	4.740		220			5.857		220		
	4.520		217			5.631		218		
	4.303		437	78		5.413		438		
5	13.563	4.521		2.180		16.895	5.632		2.201	
	28.983					31.503				

F.B. 1363 P.G. 25

76P526 S & E #379 1-54

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Chief of Party C. E. DREIER Weather OVERCAST Inst. No. 5700.10
Notes by G. E. DREIER Time 8:30 TO 9:10 Rod No. 5 & 6

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-6 To B.M. 9-7
Date 7-22-54
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.839	28.983	217	2.180		6231	31.503	215	2.201	
	4.622		214	78		5.016		216		
	4.408		431			4.800		431		
6	13.869	4.623		2.602		15.047	5.016		2.632	
	4.568		213			5.049		218		
	4.355		210			4.831		217		
	4.145		423			4.614		435		
7	13.068	4.356		3.034		14.494	4.831		3.067	
	4.768		220			4.809		211		
	4.548		220			4.598		209		
	4.328		440			4.389		420		
8	13.644	4.548		3.474		13.796	4.599		3.487	
	4.536		179			5.490		182		B.M. 9-7
	4.357		177			5.308		184		STUDEBAKER RD. & 183rd ST
	4.180		356			5.124		366		SEE F.B. 1375-11
9	13.073	4.358		3.828		15.922	5.307		3.853	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 9-6 TO B.M. 9-7
										TOTAL BACKSIGHTS +46.868
										TOTAL FORESIGHTS -51.256
		46.868					51.256			DIFF IN ELEVATION -4.388

F.B. 1363 P.G. 26

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:10 TO 9:35 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-7 To B.M. 9-6
Date 7-22-54
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5480		181		#5	4.529		180		B.M. 9-7
	5.299		180			4.349		179		STUDEBAKER RD. & 183rd. ST.
	5.119		361 ✓			4.170		359 ✓		SEE F.B. 1375-11
1	15,898 ✓	5.299 ✓		361 ✓	71°	13.048 ✓	4.349 ✓		359 ✓	FOR DESCRIPTION
	4876		213			4835		219		
	4.663		211			4.616		218		E. LA INDA
	4.452		424 ✓			4.398		437 ✓		
2	13,991	4.664		.785 ✓		13,849 ✓	4.616 ✓		.796 ✓	
	5061		218			4580		214		
	4.843		217			4.366		214		
	4.626		435 ✓			4.152		428 ✓		
3	14,530 ✓	4.843 ✓		1.220 ✓		13.098 ✓	4.366 ✓		1.224 ✓	
	5281		216			4.889		217		
	5.065		215			4.672		213		
	4850		431 ✓			4.459		430 ✓		
4	15,196 ✓	5.065 ✓		1,651 ✓		16.020	4.673 ✓		1,654 ✓	
	5.857		221			4.740		219		
	5.636		218			4.521		219		
	5.418		439 ✓			4.302		438 ✓		
5	16.911 ✓	5.637 ✓		2.090 ✓		13.563 ✓	4.521 ✓		2.092 ✓	
		25.508 ✓					22.525 ✓			

F.B. 1363 P.G. 27

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 9:10 TO 9:35 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 9-7 To B.M. 9-6
Date 7-22-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.063	25.508	221	2.090		4.161	22.525	226	2.092	
	4.842		220			3.935		224		
	4.622		441			3.711		450		
6	14.527	4.842		2.531		11.807	3.936		2542	
	11.800		220			9.194		214		
	11.580		219			8.980		212		
	11.361		439			8.768		426		
7	34.741	11.580		2970		26.942	8.981		2.968	
	4.571		222			5.822		218		
	4.349		224			5.604		214		
	4.125		446			5.390		432		
8	13.045	4.348		3.416		16.816	5.605		3.400	
	5.086		223			5.921		215		B.M. 9-6
	4.863		219			5.706		216		STUDEBAKER RD. & ARTESIA BLVD.
	4.644		442			5.490		431		SEE F.B. 1375-10
9	14.593	4.864		3.858		17.117	5.706		3.831	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 9-7 TO B.M. 9-6
										TOTAL BACKSIGHTS +51.142
										TOTAL FORESIGHTS -46.753
		51.142					46.753			DIFF IN ELEVATION +4.389

F.B. 1363 P.G. 28

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 9:30 TO 10:05 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-7 To B.M. 9-8
Date 7-21-54
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.390		210		#5	5.511		212		B.M. 9-7
	5.180		208			5.299		210		STUDEBAKER RD. & 183rd ST.
	4.972		418			5.089		422		SEE F.B. 1375-11
1	15.542	5.181		.418	69°	15.899	5.300		.422	FOR DESCRIPTION
	5.090		211			5.595		210		
	4.879		209			5.385		208		E. LANDA
	4.670		420			5.177		418		
2	14.639	4.880		.838		16.157	5.386		.840	
	4.733		211			4.959		210		
	4.522		210			4.749		210		
	4.312		421			4.539		420		
3	13.567	4.522		1.259		14.247	4.749		1.260	
	5.064		211			5.210		210		
	4.853		209			5.000		208		
	4.644		420			4.792		418		
4	14.561	4.854		1.679		15.002	5.001		1.678	
	4.992		210			5.641		211		
	4.782		207			5.430		209		
	4.575		417			5.221		420		
5	14.349	4.783		2.096		16.292	5.431		2.098	
		24.220					25.867			

F.B. 1367 P.G. 29

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 10:05 Rod No. 506

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-7 To B.M. 9-8
Date 7-21-54
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.788	24.220	215	2,096		5,051	25.867	211	2.098	
	4.573		211			4.840		209		
	4.362		426			4.631		420		
6	13.723	4.574		2.522		14.522	4.841		2,518	SUMMATION OF RUN
	5.077		212			5.734		209		B.M. 9-7 TO B.M. 9-8
	4.865		208			5,525		206		TOTAL BACKSIGHTS +46.380
	4.657		420			5.319		415		TOTAL FORESIGHTS -52.153
7	14.599	4.866		2.942		16.578	5.526		2.933	DIFF IN ELEVATION - 5.773
	5.088		212			5.388		210		
	4.876		211			5.178		210		
	4.665		423			4.968		420		
8	14.629	4.876		3.365		15.534	5.178		3.353	
	4.758		245			6.071		246		B.M. 9-8
	4.513		242			5.825		245		STUDEBAKER RD. & ORANGETHORPE AVE.
	4.271		487			5.580		491		SEE F.B. 1375-12
9	13.542	4.514		3.852		17.476	5.825		3.844	FOR DESCRIPTION
	3.460		130			6.042		126		
	3.330		130			4.916		126		
	3.200		260			4.990		252		
10	9.990	3.330		4.112		14.748	4.916		4.096	
		46.380					52.153			

F.B. 1363 P.G. 30

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E.DREIER Time 10:15 TO 10:40 Rod No. 5 #6

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M.9-8 To B.M.9-7
Date 7-21-54
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5074		124		#5	3.490		130		B.M. 9-8 BLVD
	4.950		128			3.360		129		STUDEBAKER AVE & ORANGETHORPE
	4.822		252			3.231		259		SEE F.B. 1375-12
1	14.846	4.949		.252	71°	10.081	3.360		.252	FOR DESCRIPTION
	6.089		247			4.777		245		↑ E. LANDA
	5.842		243			4.532		241		
	5.599		490			4.291		486		
2	17.530	5.843		.742		13.600	4.533		.738	
	5.286		212			4.988		213		
	5.074		209			4.775		212		
	4.865		421			4.563		425		
3	15.225	5.075		1.163		14.326	4.775		1.163	
	5788		209			5.128		209		
	5.579		208			4.919		209		
	5.371		417			4.710		418		
4	16.738	5.579		1.580		14.757	4.919		1.581	
	5.011		212			4.743		212		
	4.799		209			4.531		212		
	4.590		421			4.319		424		
5	14.400	4.800		2.001		13.593	4.531		2.005	
		26246					22.118			

F.B. 1363 P.G. 31

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:15 TO 10:40 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-8 To B.M. 9-7
Date 7-21-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.653	26.246	210	2.001		5.000	22.118	208	2.005	
	5.443		210			4.792		209		
	5.233		420			4.583		417		
6	16.329	5.443		2.421		14.375	4.792		2.422	
	5.117		211			4.971		211		SUMMATION OF RUN
	4.906		208			4.760		210		B.M. 9-8 TO B.M. 9-7
	4.698		419			4.550		421		TOTAL BACKSIGHTS +52.155
7	14.721	4.907		2.840		14.281	4.760		2843	TOTAL FORESIGHTS -46.374
	4.970		211			4742		211		DIFF IN ELEVATION +5.781
	4.759		209			4.531		210		
	4.550		420			4.321		421		
8	14.279	4.760		3.260		13.594	4.531		3264	
	5.549		210			5.042		211		
	5.339		209			4.831		209		
	5.130		419			4.622		420		
9	16.018	5.339		3.679		14.495	4.832		3684	
	5.671		212			5.550		209		B.M. 9-7
	5.459		210			5.341		209		STUDEBAKER RD. & 183rd ST.
	5.249		422			5.132		418		SEE F.B. 1375-11
10	16.379	5.460		4.101	75°	16.023	5.341		4.102	FOR DESCRIPTION
		52.155					46.374			

F.B. 1363 P.G. 32

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G.E. DREIER Time 11:30 TO 12:00 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-8 To B.M. B.M. 9-9
Date 8-5-54
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.889		209			3.552		213		B.M. 9-8 BLVD
	6.680		209			3.339		210		STUDEBAKER RD. & ORANGETHORPE
	6.471		418			3.129		423		SEE F.B. 1375-12
1	20.040	6.680		.418		10.020	3.340		.423	FOR DESCRIPTION
	9.339		201			1.691		194		T E. LANDA
	9.138		198			1.497		196		
	8.940		399			1.301		390		
2	27.417	9.139		.817		4.489	1.496		.813	
	7.418		120			2.021		118		+ 23.117
	7.298		119			2.903		115		- 7.740
	7.179		239			2.788		233		+ 15.377
3	21.895	7.298		1.056		7.712	2.904		1.046	- 0.9
	7.519	23.117	225			2.916	7.740	224		F.C. BRASS DISK STAMPED "B.M. 74-54 1952"
	7.294		222			2.692		222		ORANGETHORPE BLVD. & SAN GAB. RIVER
	7.072		447			2.470		446		S.E. COR. IN EAST ABUTMENT
4	21.885	7.295		1.503		8.078	2.693		1.492	AND ON S. CURB LINE
										15.377
	4.471		211			6.602		212		F.B. 1363 P.G. 33
	4.260		210			6.390		213		
	4.050		421			6.177		425		
5	12.781	4.260		1.924		19.169	6.390		1.917	
		34.672					16.823			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G.E. DREIER Time 2:25 TO Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 9-8 To B.M. 9-9
Date 8-5-54
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.758	34.672	217	1924		9.042	16.423	210	1.917	
	2.541		215			8.832		207		
	2.326		432			8.625		417		
6	7.625	2.542		2.356		26.499	8.833		2.334	
	1.087		214			9.427		212		SUMMATION OF RUN
	0.873		210			9.215		209		TOTAL BACKSIGHTS + 50.493
	0.663		424			9.006		421		TOTAL FORESIGHTS - 51.410
7	2.623	0.874		2.780		27.648	9.216		2.755	
	3.160		210			5.672		212		DIFF 7-8 TO 9-9 - .917
	2.951		208			5.460		209		" 9-8 TO F.C. + 15.377
	2.743		418			5.251		421		" F.C. TO 9-9 - 16.294
8	8.854	2.951		3.198		16.383	5.461		3.176	
	4.995		145			5.090		151		
	4.859		141			4.939		149		
	4.709		286			4.790		300		
9	14.554	4.851		3.484		14.819	4.940		3.476	
	4.753		150			0.296		159		B.M. 9-9
	4.603		150			6.137		158		ORANGETHORPE BLVD. & PALOS
	4.453		300			5.979		317		VERDE AVE
10	13.809	4.603		3.784		18.412	6.137		3.793	SEE F.B. 1375-13 FOR DESC.
		50.493					51.410			

F.B. 1363 P.G. 34

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No 50010
Notes by G. E. DREIER Time 2:45 TO 3:25 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0.301.02
From B.M. 9-8 To B.M. 9-9
Date 8-5-54
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.190		153		#5	4.659		157		B.M. 9-9 AVE. VERDE
	6037		156			4,502		153		ORANGETHORPE BLVD & PALOS
	5.881		309			4,349		310		SEE F.B. 1375-13
1	18.108	6.036		309	76°	13,510	4.503		310	FOR DESCRIPTION
	4890		146			4.807		148		E. LANDA
	4 744		144			4.659		149		
	4.600		290			4,510		297		
2	14,234	4,745		599		13,976	4.659		607	
	5,679		212			3,168		211		
	5,467		212			2,957		207		
	5.255		424			2.750		418		
3	16,401	5.467		1,023		8,875	2.958		1.025	
	9,442		210			1,103		212		
	9,232		211			0,891		210		
	9,021		421			0,681		422		
4	27,695	9,232		1,444		2,675	0.892		1,447	
	9.082		210			2,796		213		
	8,872		210			2,583		215		
	8,662		420			2,368		428		
5	26,616	8,872		1,864		7,747	2,582		1,875	
		34,352					15,594			

F.B. 1363 P.G. 35

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZE SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:45 to 3:2[illegible] Rod No. 596

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 9-9 To B.M. 9-8
Date 8-5-54
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.681	34.352	212	1.864		4.470	15.[illegible]	211	1.875	+ 43.476
	6.389		212			4.259		210		- 27.197
	6.177		424			4.049		421		+ 16.279
6	19.167	6.389		2.288		12.778	4.259		2.286	
	2.958		223			7.567		223		F.C. B.M. BRASS DISK STAMPED "74-50 1952"
	2.735		220			7.300		222		ORANGETHORPE BLVD & SAN
	2.511		443			7.122		445		GABRIEL RIVER. S.E. COR
7	8.204	2.735		2.735		22.033	7.344		2.741	IN E. ABUTMENT ON S. CURB LINE
	1.948	43.476	118			7.340	27.[illegible]	119		
	1.830		118			7.221		121		SUMMATION OF RUN
	1.712		236			7.100		240		TOTAL BACKSIGHTS +50.169
8	5.490	1.830		2.971		21.661	7.220		2.981	TALAL FORESIGHTS - 50.254
	1.750		197			9.592		197		DIFF. 9-9 TO 9-8 - 0.085
	1.553		195			9.195		196		DIFF 9-9 TO F.C. +16.279
	1.358		392			8.999		393		DIFF F.C. TO 9-8 - 16.364
9	4.661	1.554		3.363		27.786	9.[illegible]5		3.374	
	3.521		212			6.851		209		B.M. 9-8
	3.309		212			6.642		210		ORANGETHORPE BLVD & STUDEBAKER RD.
	3.097		424			6.432		419		SEE F.B. 1375-12
10	9.927	3.309		3.797		19.925	6.642		3.793	FOR DESCRIPTION
		50.169					50.[illegible]54			

F.B. 1363 P.G. 36

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 10:00 TO 10:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-8 To B.M. 9-7
Date 8-6-54
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.580		.209		#5	3.249		.214		B.M. 9-8
	6.371		.209			3.035		.212		ORANGETHORPE BLVD. & STUDEBAKER RD.
	6.162		.418			2.823		.426		SEE F.B. 1375-12
1	19.113	6.371		.418		9.107	3.036		.426	FOR DESCRIPTION
	9.010		.199			1.368		.197		T. E. LANDA
	6.811		.196			1.171		.195		
	8.615		.395			0.976		.392		
2	26.436	8.812		.813		3.515	1.172		.818	
	7.436		.122			2.041		.119		F.C. B.M. BRASS DISK STAMPED "7454 1952"
	7.314		.120			1.922		.115		ORANGETHORPE BLVD. & SAN GABRIEL
	7.194		.242			1.807		.234		RIVER S.E. COR. IN E.
3	21.944	7.315		1.055		5.770	1.923		1.052	ABUTMENT ON S. CURB LINE
	8.487	22.498	.222			3.897	6.131	.226		+16.367
	8.267		.219			3.661		.222		
	8.048		.441			3.439		.448		+ 22.498
4	24.804	8.268		1.496		10.987	3.662		1.500	- 6.131
	4.981		.211			7.110		.212		+16.367
	4.770		.210			6.898		.215		
	4.560		.421			6.683		.427		
5	14.311	4.770		1.917		20.691	6.897		1.927	
		35.536					16.690			

F.B. 1362, P.G. 37

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. F. DREIER Weather OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 10:00 TO 10:50 Rod No. 546

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 9-9 To B.M. 9.9
Date 8-6-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.327	35.536	.217	1.917		9.619	16.790	.212	1.927	
	3.110		.214			9.403		.210		
	2.896		431			9.193		.422		SUMMATION OF ROD
6	9.333	3.111		2348		28.211	9.404		2.349	TOTAL BACKSIGHTS + 52.394
	1.712		.212			10.054		.212		TOTAL FORESIGHTS - 52.304
	1.500		.210			9.842		.211		DIFF. 9-8 TO 9-9 + 0.090
	1.290		422			9.631		423		1" 9-8 TO F.C. +16.367
7	4.502	1.501		2.770		29.527	9.842		2.772	F.C. TO 9-9 -16.277
	3.180		.209			5.690		.213		
	2.971		.205			5.477		.213		
	2.766		414			5.264		426		
8	8.917	2.972		3.184		16.431	5.477		3.200 198	
	5.045	43.120	.145			5.135	41.413	.151		
	4.900		.145			4.984		.149		
	4.755		290			4.835		.300		
9	14.700	4.900		3.474		14.954	4.985		3.500 498	
	4.539		.166			6.051		.146		B.M. 9.9
	4.373		.163			5.905		.144		ORANGETHORPE BLVD. & PALOS VERDE AVE.
	4.210		329			5.761		.290		SEE F.B. 1375-13
10	13.122	4.374		3.803		17.717	5.906		3.780	FOR DESCRIPTION
		52.394					52.304			

F.B. 1343 PG. 38

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by E. Landa Time 1:45 To 2:35 Rod No. 566

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-9 To B.M. L.C. 231
Date 8-6-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5482		213		#5	4496		214		B.M. 9-9
	5269		211			4282		211		Palos Verde Ave & Orangethorpe Blvd.
	5058		424'			4071		425'		SEE F.B. 1375-13
1	15809	5.270'		424' 82°		12849	4.283'		425'	
	4082		211			4812		209		T G.E. Dreier
	3871		210			4603		211		
	3661		421'			4392		420'		
2	11614	3.871'		845'		13807	4.602'		845'	
	4302		212			4741		212		
	4090		211			4529		212		
	3879		423'			4317		424'		
3	12271	4.090'		1268'		13587	4.529'		1269'	
	4089		210			4809		212		
	3879		211			4597		212		
	3668		421'			4385		424'		
4	11636	3.879'		1689'		13791	4.597'		1693'	
	4335		210			4897		215		
	4125		210			4682		213		
	3915		420'			4469		423'		
5	12375	4.125'		2109'		14048	4.683'		2121'	
		21.235'					22.694'			

F.B. 1363 P.G. 39

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by E. Landa Time 1:45 To 2:35 Rod No. 5 E L

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-9 To B.M. L.C. 231
Date 8-6-54
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4650	21.235	175	2109		5069	22.694	179	2121	
	4481		177			4888		180		
	4304		352			4708		359		
6	13441	4.480		2461		14663	4.938		2480	
	5691		172			4555		164		B.M. L.C. 231 PALO VERDE AVE 1/10 MI. S. OF ORANGETHORPE BLVD, BRASS IN LEAD IN N.E. COR. OF TRANS LINE TOWER # 53
	5519		171			4391		163		
	5348		343			4228		327		
7	16558	5.519		2804	82°	13174	4.391		2807	
										Summation of Run
										B.M. 9-9 TO B.M. L.C. 231
										TOTAL BACKSIGHTS + 31.2341
										TOTAL FORESIGHTS - 31.9731
										DIFF IN ELEVATION - 0.7390

F.B. 1363 P.G. 40

31.2341 31.9731

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by E. Lanoie Time 2:40 To 3:30 Rod No. 566

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. L.C. 231 To B.M. 9-9
Date 8-6-54
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4452		162		#5	5591		174		B.M. L.C. 231
	4290		162			5419		173		Palos Verde Ave, 43 m.s. ORANGE THORPE BLVD.
	4128		324'			5244		344'		B.M. Spk in Tower #53
1	12870'	4.290'		324'	82°	16752'	5.417'		344'	
	5076		179			4669		178		⊼ G.E. Dreier
	4897		178			4491		175		
	4719		357'			4316		353'	700	
2	14692'	4.897'		681'		13476'	4.492'		694'	
	4797		215			4238		209		
	4582		213			4029		210		
	4369		428'			3819		419'	9'	
3	13748'	4.583'		1139'		12086'	4.029'		1113'	
	4803		214			4084		211		
	4589		212			3873		211		
	4377		426'			3662		422'	41'	
4	13769'	4.590'		1535'		11619'	3.873'		1558'	
	4750		215			4311		212		
	4535		212			4099		209		
	4323		427'			3890		421'	62'	
5	13608'	4.536'		1962'		12300'	4.100'		1959'	
			22896'					21.911'		

F.B. 1363 P.G. 41

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Clear Inst. No. E 00 10
Notes by E. Landa Time 2:40 To 3:30 Rod No. 5 EC

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. I.D. 231 To B.M. 9-9
Date 8-6-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4812	22.896'	212	1962'		4083	21.911'	210	1957 62	
	4600		209			3873		209		
	4391		4211			3664		419'		
6	13803'	4.601'		2383'		11620'	5.373'		2378 81	
	4432		214			5423		210		B.M. 9-9
	4218		215			5213		208		Palos Verde Ave & Orangethorpe
	4003		429'			5005		418'		See F.B. 1375-13
7	12653'	4.218'		2812'	80°	15641'	5.214'		2792 9	for description
										Summation of Run
										B.M. I.D. 231 To B.M. 9-9
										Total Backsights = 31.715'
										Total Foresights = 30.998'
										Diff. in Elev. = + 0.717'
	31.715'					30.998'				

F.B. 1343 P.G. 42

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by E. Landa Time 3:30 To 4:10 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-9 To B.M. L.C. 231
Date 8-6-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5392		210		#5	4404		215		B.M. 9-9
	5182		210			4189		216		Palo Verde Ave & Orangethorpe
	4972		201			3973		431		See F.B. 1375-13
1	15546	5.182		420	80°	12566	4.189		431	for description
	3977		212			4712		215		
	3765		212			4497		215		⊼ G.E. Dreier
	3553		424			4282		430		
2	11295	3.765		844		13491	4.497		861	
	4212		211			4653		215		
	4001		210			4438		216		
	3791		421			4222		431		
3	12004	4.001		1265		13313	4.438		1292	
	3860		209			4584		214		
	3651		212			4370		213		
	3439		421			4157		427		
4	10950	3.650		1686		13111	4.370		1719	
	4124		213			4672		209		
	3911		213			4463		208		
	3698		426			4255		417		
5	11733	3.911		2112		13390	4.463		2134	
	20.509					21.957				

F.B. 1363 P.G. 43

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather clear Inst. No. 50010
Notes by E. Landa Time 3:30 To 4:00 Rod No. 5 E C

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-9 To B.M. L.C. 231
Date 8-6-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4593	20.609	179	2112		5001	21.359	179	2136	
	4414		176			4822		177		
	4238		355			4645		356		
6	13245	4.415	0467			14468	4.823	0992		
	5788		176			4643		161		B.M. LC 231
	5612		174			4482		159		PALO VERDE AVE., .43 mi. S. of
	5438		350			4323		320		ORANGETHORPE BLVD.
7	16838	5.613	2817		80°	13448	4.483	2812		B. SAK IN N.E. COR. TRANS. TOWER "53
										Summation of Run
										B.M. 9-9 To B.M. L.C. 231
										TOTAL BACKSIGHTS + 30.537
										TOTAL FORESIGHTS - 31.263
										DIFF IN ELEVATION - 0.726

F.B. 1363 P.G. 44

30.537 31.263

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 11:00 TO 12:00 Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-8 To B.M. 41-1
Date 7-21-54
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.818		211		#5	4.979		209		B.M. 9-8 — BLVD. STUDEBAKER RD. & ORANGETHORPE
	5.607		209			4.770		207		SEE F.B. 1375-12
	5.398		420 ✓			4.563		416 ✓		FOR DESCRIPTION
1	16.823 ✓	5.608 ✓		.420 ✓	72°	14.312 ✓	4.771 ✓		.416 ✓	
	5.259		209			5.428		210		E. LANDA
	5.050		210			5.218		210		
	4.840 ✓		419 ✓			5.008 ✓		420 ✓		
2	15.149 ✓	5.050 ✓		.839 ✓		15.654 ✓	5.218		.836 ✓	
	5.118		212			5.156		212		
	4.906		209			4.944		211		
	4.697 ✓		421 ✓			4.733 ✓		423 ✓		
3	14.721 ✓	4.907 ✓		1.260 ✓		14.833 ✓	4.944 ✓		1.259 ✓	
	5.164		212			5.398		213		
	4.952		209			5.185		209		
	4.743 ✓		421 ✓			4.976 ✓		422 ✓		
4	14.859 ✓	4.953 ✓		1.681 ✓		15.559 ✓	5.186 ✓		1.681 ✓	
	5.207		210			5.531		211		
	4.997		209			5.320		208		
	4.788 ✓		419 ✓			5.112 ✓		419 ✓		
5	14.992 ✓	4.997 ✓		2.100 ✓		15.963 ✓	5.321 ✓		2.100 ✓	
		25.515 ✓					25.440 ✓			

F.B. 1363 P.G. 45

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E.DREIER Time 11:00 TO 12:00 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-8 To B.M. 41-1
Date 7-21-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.190	25.515	211	2.100		5.411	25.440	211	2.100	
	4.979		210			5.200		208		
	4.769		421			4.992		419		
6	14.938	4.979		2.521		15.603	5.201		2.519	
	5.000		209			6.315		211		
	4.791		211			6.104		209		
	4.580		420			5.895		420		
7	14.371	4.790		2.941		18.314	6.105		2.939	SUMMATION OF RUN
	6.211		211			4.898		212		B.M. 9-8 TO B.M. 41-1
	6.000		209			4.686		210		TOTAL BACKSIGHTS + 51.827
	5.791		420			4.476		422		TOTAL FORESIGHTS - 53.246
8	18.002	6.001		3.361		14.060	4.687		3.361	DIFF IN ELEVATION - 1.419
	5.464		191			5.148		187		
	5.455		187			4.961		183		
	5.268		378			4.778		370		
9	16.369	5.456		3.739		14.887	4.962		3.731	
	5.263		183			7.030		179		B.M. 41-1 ARTESIA B.M. R.m#4
	5.080		183			6.851		180		ORANGETHORPE BLVD. & GIRDLEY AVE.
	4.897		366			6.671		359		SEE F.B. 1363-7
10	15.240	5.080		4.105		20.552	6.851		4.090	FOR DESCRIPTION
		51.827					53.246			

F.B. 1363 P.G. 46

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No 50010
Notes by G. E. DREIER Time 10:10 TO 10:35 Rod No 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 41-1 To B.M. 9-8
Date 7-22-52
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7076		178		#5	5.291		183		B.M. 41-1 (ARTESIA B-5, R.M. #4) RD
	6.898		179			5.108		185		ORANGETHORPE BLVD & GRIDLEY
	6.719		357			4.923		368		SEE F.B. 1363-7
1	20.693	6.898		.357	72°	15.322	5.107		.368	FOR DESCRIPTION
	5.126		187			5619		190		
	4.939		184			5.429		190		↑ E. LANDA
	4.755		371			5.239		380		
2	14.820	4.940		.728		16.287	5.429		.748	
	4919		209			6.236		214		
	4.710		209			6.022		210		
	4.501		418			5.812		424		
3	14.130	4.710		1.146		18.070	6.023		1.172	
	6.389		210			5.071		212		
	6.179		209			4.859		209		
	5.970		419			4.650		421		
4	18.538	6.179		1.565		14.580	4.860		1593	
	5.441		210			5220		210		
	5.231		210			5,010		210		
	5.021		420			4,800		420		
5	15.693	5.231		1.985		15.030	5.010		2.013	
		27.958					26.429			

F.B. 1363 P.G. 47

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:10 TO 10:35 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 030182
From B.M. 41-1 To B.M. 9-8
Date 7-22-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.558	27.958	208	1.985		5.232	26.429	211	2.013	
	5.350		210			5.021		210		
	5.140		418			4.811		421		
6	16.048	5.349		2.403		15.064	5.021		2.434	
	5.366		211			5.132		210		
	5.155		208			4.922		207		
	4.947		419			4.715		417		
7	15.468	5.156		2.822		14.769	4.923		2.851	
	5.432		217			5.380		205		SUMMATION OF RUN
	5.215		216			5.175		205		B.M. 41-1 TO B.M. 9-8
	4.999		433			4.970		410		TOTAL BACKSIGHTS +53.571
8	15.646	5.215		3.255		15.525	5.175		3.261	TOTAL FORESIGHTS -52.105
	5.905		208			5.737		210		DIFF IN ELEVATION + 1.466
	5.697		211			5.527		209		
	5.486		419			5.318		419		
9	17.088	5.696		3.674		16.582	5.527		3.680	
	4.402		205			5.241		211		B.M. 9-8
	4.197		206			5.030		211		STUDEBAKER RD. & ORANGETHORPE BLVD.
	5.991		411			4.819		422		SEE F.B. 1375-12
10	12.590	4.197		4.085	72°	15.090	5.030		4.102	FOR DESCRIPTION
		53.571					52.105			

F.B. 1362 P.G. 48

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 11:05 TO 11:50 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M. 41-1 To B.M. 9-8
Date 7-22-54
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7059		180			5.276		186		B.M. 40-1 (ARTESIA B-5 R.M. #4)
	6.879		179			5090		182		ORANGETHORPE BLVD & GIRDLEY RD.
	6.700		359 ✓			4.908		368 ✓		SEE F.B. 1363-7
1	20638 ✓	6.879 ✓		359 ✓		15.274 ✓	5.091 ✓		368 ✓	FOR DESCRIPTION
	5060		182			5553		190		
	4.878		186			5.363		186		
	4.692		368 ✓			5.177		376 ✓		AT E. LANDA
2	14,630 ✓	4.877 ✓		.727 ✓		16093 ✓	5.364 ✓		.744 ✓	
	4.898		210			6211		211		
	4.688		209			6000		210		
	4.479		419 ✓			5790		421 ✓		
3	14,065 ✓	4.688 ✓		1,146 ✓		18,001 ✓	6000 ✓		1.165 ✓	
	6292		212			4.974		211		
	6.080		208			4.763		210		
	5.872		420 ✓			4.553		421 ✓		
4	18,244 ✓	6.081 ✓		1.566 ✓		14.290 ✓	4.763 ✓		1586 ✓	
	5.456		211			5.236		211		
	5.245		209			5.025		211		
	5.036		420 ✓			4.814		422 ✓		
5	15.737 ✓	5.246 ✓		1.986 ✓		15.075 ✓	5.025 ✓		2.008 ✓	
		27.771 ✓					26.243 ✓			

F.B. 1363 P.G. 49

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 11:05 TO 11:40 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 41-1 To B.M. 9-8
Date 7-22-54
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.500	27.771	210	1.986		5.178	26.243	214	2.008	
	5.290		210			4.964		210		
	5.080		420			4.754		424		
6	15.870	5.290		2.406		14.896	4.965		2.432	
	5.415		213			5.181		211		
	5.202		209			4.970		210		
	4.993		422			4.760		421		
7	15.610	5.203		2.828		14.911	4.970		2.853	SUMMATION OF RUN
	5.538		213			5.096		211		B.M. 41-1 TO B.M. 9-8
	5.325		212			5.285		210		TOTAL BACKSIGHTS +54.095
	5.113		425			5.075		421		TOTAL FORESIGHTS -52.640
8	15.976	5.325		3.253		15.856	5.285		3.274	DIFF IN ELEVATION +1.455
	5.820		215			5.649		207		
	5.605		212			5.437		207		
	5.393		427			5.230		414		
9	16.818	5.606		3.680		16.311	5.437		3.688	
	5.110		210			5.949		209		B.M. 9-8
	4.900		210			5.740		209		STUDEBAKER RD & ORANGETHORPE BLVD
	4.690		420			5.531		418		SEE F.B. 1375-12
10	14.700	4.900		4.100		17.220	5.740		4.106	FOR DESCRIPTION
		54.095					52.640			

F.B. 1363 P.G. 50

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 3:00 TO 3:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 9-8 To B.M. 41-1
Date 7-22-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5953		213		#5	5113		208		B.M. 9-8
	5740		210			4905		207		STOEBAKER RD. & ORANGETHORPE BLVD
	5530		423			4698		415		SEE F.B. 1375-12
1	17223	5741		1423		14716	4905		415	FOR DESCRIPTION
	5641		209			5819		210		–
	5432		211			5599		211		–
	5221		420			5388		421		T. E. LANDA
2	16294	5431		843		16796	5599		836	
	5458		210			5498		212		–
	5248		209			5286		214		–
	5039		419			5072		426		–
3	15745	5248		1262		15856	5285		1262	–
	5178		208			5410		211		–
	4970		210			5199		208		–
	4760		418			4991		419		–
4	14908	4969		1680		15600	5200		1681	F.B. 1363 P.G. 51
	5223		211			5548		211		–
	5012		212			5337		211		–
	4800		423			5126		422		–
5	15035	5012		2103		16011	5337		2103	–
		26401					26326			

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather CLEAN Inst. No. 50010
Notes by G.E.DREIER Time 3:00 TO 3:[illegible] Rod No. 5786

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-8 To B.M. 41-1
Date 7-22-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.171	26401	212	2.103		5391	26926	211	2.103	
	4.959		210			5.180		209		
	4.749		422			4.971		420		
6	14.879	4.960		2.525		15.542	5.181		2.523	
	4.891		210			6.211		211		
	4.681		210			6.000		210		
	4.471		420			5.790		421		SUMMATION OF RUN
7	14.043	4.681		2.945		18.001	6.000		2.944	B.M. 9-8 TO B.M. 41-1
	6.166		211			4.850		210		TOTAL FORESIGHTS + 52.826
	5.955		210			4.640		209		TOTAL BACKSIGHTS - 54.272
	5.745		421			4.431		419		DIF IN ELEVATION - 1.446
8	17.866	5.955		3.366		13.921	4.640		3.363	
	5.684		191			5.186		185		
	5.493		189			5.001		185		
	5.304		380			4.816		370		
9	16.481	5.494		3.746		15.003	5.001		3.733	
	5.520		185			7.300		177		B.M. 41-1 (ARTESIA B-5 RM# 4
	5.335		183			7.123		184		ORANGETHORPE BLVD & GRIDLEY RD.
	5.150		370			6.949		361		SEE F.B. 1363-7
10	16.005	5.335		4.116		21.372	7.124		4.094	FOR DESCRIPTION
		52.826					54.272			

F.B. 1363 P.G. 52

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by C. E. DREIER Time 8:15 TO 8:50 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No 0201.02
From B.M. 9-8 To B.M. 41-1
Date 7-23-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.810		211		#5	4.970		209		B.M. 9-8
	5.599		210			4.761		208		STUDE BAKER RD. & ORANGETHORPE BLVD
	5.389		421			4.553		417		SEE F.B. 1375
1	16.798	5.599		421	70°	14.284	4.761		417	FOR DESCRIPTION
	5.679		209			5.849		211		
	5.470		216			5.638		209		E. LANDA
	5.260		419			5.429		420		
2	16.409	5.470		840		16.916	5.639		837	
	5.492		212			5.531		212		
	5.280		209			5.319		210		
	5.071		421			5.109		422		
3	15.843	5.281		1.261		15.959	5.320		1.259	
	5.319		212			5.551		211		
	5.107		210			5.340		209		
	4.897		422			5.131		420		
4	15.323	5.108		1.683		16.022	5.341		1.679	
	5.219		211			5.540		210		
	5.008		210			5.330		210		
	4.798		421			5.120		420		
5	15.025	5.008		2.104		15.990	5.330		2.099	
		26.466					26.391			

F.B. 1363 P.G. 53

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 8:15 TO 8:50 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-8 To B.M. 41-1
Date 7-23-54
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.168	26.466	213	2.104		5.391	26.391	211	2.099	
	4.955		210			5.180		210		
	4.745		423			4.970		421		
6	14.868	4.956		2.527		15.541	5.180		2.520	
	5.015		212			6.332		211		
	4.803		208			6.121		210		
	4.595		420			5.911		421		
7	14.413	4.804		2.947		18.364	6.121		2.941	SUMMATION OF RUN
	6.255		213			4.939		209		B.M. 9-8 TO B.M. 41-1
	6.042		210			4.730		210		TOTAL BACKSIGHTS +53.079
	5.832		423			4.520		419		TOTAL FORESIGHTS -54.533
8	18.129	6.043		3.370		14.189	4.730		3.360	DIFF IN ELEVATION -1.454
	5.644	42.269	190			5.149	42.422	187		
	5.454		189			4.962		184		
	5.265		379			4.778		371		
9	16.363	5.454		3.749		14.889	4.963		3.731	
	5.540		184			7.324		176		B.M. 41-1 (ARTESIA B-5 R.M. #4)
	5.356		185			7.148		176		ORANGETHORPE BLVD. & GRIDLEY RD.
	5.171		369			6.972		352		SEE F.B. 1363-7
10	16.067	5.356		4.118		21.444	7.148		4.083	FOR DESCRIPTION
		53.079					54.533			

F.B. 1363 P.G. 54

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G.E.DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E.DREIER Time 8:50 TO 9:30 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 6301.02
From B.M. 41-1 To B.M. 41-2
Date 7-23-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.580		207		#5	4.968		212		B.M. 41-1 (ARTESIA B-5 R.M. #4)
	7.373		205			4.756		208		ORANGETHORPE BLVD & GRIDLEY RD.
	7.168		412			4.548		420		SEE F.B. 1363-7
1	22.121	7.374		412	71°	14.272	4.757		420	FOR DESCRIPTION
	4.850		211			6.352		211		
	4.639		210			6.141		208		E. LANDA
	4.429		421			5.933		419		
2	13.918	4.639		833		18.426	6.142		839	
	4.073		213			5.757		215		
	3.860		210			5.542		211		
	3.650		423			5.331		426		
3	11.583	3.861		1.256		16.630	5.543		1.265	
	4.856		211			5.399		209		
	4.645		209			5.190		211		
	4.436		420			4.979		420		
4	13.937	4.646		1.676		15.568	5.189		1.685	
	5.017		212			5.730		212		
	4.805		208			5.518		210		
	4.597		420			5.308		422		
5	14.419	4.806		2.096		16.556	5.519		2.107	
		25326					27.150			

F.B. 1363 P.G. 55

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E.DREIER Time 8:50 TO 9:30 Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-1 To B.M. 41-2
Date 7-23-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.036	25.326	214	2.096		5.421	27.150	210	2.107	
	4.822		211			5.211		208		
	4.611		425			5.003		418		
6	14.469	4.823		2.521		15.635	5.212		2.525	
	4.791		211			4.550		211		
	4.580		210			4.339		211		
	4.370		421			4.128		422		
7	13.741	4.580		2.942		13.017	4.339		2.947	
	4.761		210			4.261		210		
	4.551		210			4.051		210		
	4.341		420			3.841		420		
8	13.653	4.551		3.362		12.153	4.051		3.367	
	5.501		249			5.146		251		B.M. 41-2 (ARTESIA C-5A) ORANGETHORPE BLVD. & PIONEER BLVD.
	5.252		246			4.895		248		SEE F.B. 1363-8
	5.006		495			4.647		499		FOR DESCRIPTION
9	15.759	5.253		3.857		14.688	4.896		3.866	
										SUMMATION OF RUN
										B.M. 41-1 TO B.M. 41-2
										TOTAL BACKSIGHTS +44.533
										TOTAL FORESIGHTS - 45.648
		44.533					45.648			DIFF IN ELEVATION - 1.115

F.B. 1363 P.G. 56

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather FAIR OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:45 TO Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-2 To B.M. 41-1
Date 7-23-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.360		248		#6	5.722		247		B.M. 41-2 (ARTESIA C-SA)
	5.112		245			5.475		248		ORANGETHORPE BLVD & PIONEER BLVD
	4.867		493			5.227		495		SEE F.B. 1363-8
1	15339	5.113		.493		16.424	5.475		495	FOR DESCRIPTION
	4.622		210			5.126		210		
	4.412		210			4.916		209		T E. LANDA
	4.202		420			4.707		419		
2	13236	4.412		.913		14.749	4.916		.914	
	4.513		212			4.758		211		
	4.301		209			4.547		209		
	4.092		421			4.338		420		
3	12.906	4.302		1.334		13.643	4.548		1.334	
	5.454		213			5.061		211		
	5.241		210			4.850		210		
	5.031		423			4.640		421		
4	15.726	5.242		1.757		14.551	4.850		1.755	
	5.711		211			5.002		213		
	5.500		210			4.789		211		
	5.290		421			4.578		424		
5	16.501	5.500		2.178		14.369	4.790		2.179	
		24.569					24.579			

F.B. 1363, P.G. 57

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:45 TO 11:15 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-2 To B.M. 41-1
Date 7-23-54
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.331	24.569 ✓	211	2.178 ✓		4.789	24.579 ✓	211	2.179 ✓	
	5.120		209			4.578		211		
	4.911		420 ✓			4.367		422 ✓		
6	15.362 ✓	5.121 ✓		2.598		13.734 ✓	4.578 ✓		2.601 ✓	
	5.682		212			4.002		212		
	5.470		212			3.790		210		
	5.258		424 ✓			3.580		422 ✓		
7	16.410 ✓	5.470 ✓		3.022 ✓		11.372 ✓	3.791 ✓		3.023 ✓	
	6.400		210			4.900		210		
	6.190		210			4.690		209		
	5.980		420 ✓			4.481		419 ✓		
8	18.570 ✓	6.190 ✓		3.442 ✓		14.071 ✓	4.690 ✓		3.442 ✓	
	4.862		210			7.480		211		B.M. 41-1
	4.652		211			7.269		208		ORANGETHORPE BLVD. & CRIDLEY RD
	4.441		421 ✓			7.061		419 ✓		SEE F.B. 1363-7
9	13.955 ✓	4.652 ✓		3.863 ✓		21.810 ✓	7.270 ✓		3.861 ✓	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 41-2 TO B.M. 41-1
										TOTAL BACKSIGHTS +46.002 ✓
										TOTAL FORESIGHTS -44.908 ✓
		46.002 ✓					44.908 ✓			DIFF IN ELEVATION +1.094 ✓

F.B. 1363 P.G. 58

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUNNY Inst. No. 50010
Notes by A. D. SMITH Time 10:40 TO 11:15 Rod No. 516

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.32
From B.M. 41-2 To B.M. 41-1
Date AUGUST 2, 1954
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.158		.251		#6	5.516		.245		B.M. 41-2 (ARTESIA C-5)
	4.907		.248			5.271		.246		ORANGETHORPE BLVD. & PIONEER BLVD.
	4.659		499			5.023		491		SEE F.B. 1363-8
1	14.724	4.908		.499	81°	15.810	5.270		.493	FOR DESCRIPTION
	4.358		.208			4.863		.211		
	4.150		.208			4.652		.210		
	3.942		416			4.442		421		⊼ G. E. DREIER
2	12.450	4.150		.915		13.957	4.652		.914	
	4.580		.209			4.823		.211		
	4.371		.208			4.612		.211		
	4.163		417			4.401		422		
3	13.114	4.371		1.332		13.836	4.612		1.336	
	5.438	13.429	.211			5.096	14.534	.209		
	5.277		.208			4.887		.213		
	5.069		419			4.674		422		
4	15.834	5.278		1.751		14.657	4.886		1.758	
	5.766		.211			5.059		.210		
	5.555		.211			4.849		.210		
	5.344		422			4.639		420		
5	16.665	5.555		2.173		14.547	4.849		2.178	
		24.262					24.269			

F.B. 1363 P.G. 57

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather SUNNY Inst. No. 50010
Notes by A. D. SMITH Time 10:40 TO 11:15 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 41-2 To B.M. 41-1
Date AUGUST 2, 1954
Indexed A. C. Johnson

Number of Station	Backsight Thread Readings	Backsight Mean	Backsight Thread Intervals	Backsight Sum of Intervals	B.S. Rod and Temp.	Foresight Thread Readings	Foresight Mean	Foresight Thread Intervals	Foresight Sum of Intervals
	5.322	24.262	.211	2.173		4.775	21.269	.208	2.178
	5.111		.212			4.567		.208	
	4.899		423			4.359		416	
6	15.332	5.111		2.596		13.701	4.567		2.594
	5.734		.212			4.054			
	5.522		.211			3.842		.212	
	5.311		423			3.633		.209	
7	16.567	5.522		3.019		11.529	3.843	421	3.015
	6.340		.210			4.842			
	6.130		.208			4.631		.211	
	5.922		418			4.423		.208	
8	18.392	6.131		3.437		13.896	4.632	419	3.434
	4.858		.209			7.474			
	4.649		.211			7.266		.208	
	4.438		420			7.059		.207	
9	13.945	4.648		3.857	83°	21.799	7.266	415	3.849
		45.674					44.577		

DESCRIPTION AND REMARKS

SUMMATION OF RUN
B.M. 41-2 TO B.M. 41-1
TOTAL BACKSIGHTS + 45.674
TOTAL FORESIGHTS − 44.577
DIFF. IN ELEVATIONS + 1.097

B.M. 41-1 (R.M. #4 ARTESIA B-5)
ORANGETHORPE BLVD. & GRIDLEY RD.
SEE F.B. 1363-7
FOR DESCRIPTION

F.B. 1363 P.G. 60

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather SUNNY Inst. No. 50010
Notes by A. D. SMITH Time 2:30 TO 3:10 Rod No. 576

Name L. A. CO. PRECISE LEVEL NET
Job No. D301.02
From B.M. 41-1 To B.M. 41-2
Date 8-2-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.489		.207		#5	4.873		.210		B.M. 41-1
	7.282		.205			4.663		.210		ORANGETHORPE BLVD. & GRIDLEY RD.
	7.077		.412			4.453		.420		SEE F.B. 1363-7
1	21.848	7.283		.412	86°	13.989	4.663		.420	FOR DESCRIPTION
	4.882		.209			6.392		.210		
	4.673		.210			6.182		.209		
	4.463		.419			5.973		.419		BY G.E. DREIER
2	14.018	4.673		.831		18.547	6.182		.839	
	4.065		.212			5.747		.215		
	3.853		.209			5.532		.212		
	3.644		.421			5.320		.427		
3	11.562	3.854		1.252		16.599	5.533		1.266	
	4.742	15.810	.211			5.287	16.378	.210		
	4.531		.209			5.077		.210		
	4.322		.420			4.867		.420		
4	13.595	4.532		1.672		15.231	5.077		1.686	
	5.023		.210			5.737		.211		
	4.813		.210			5.526		.212		
	4.603		.420			5.314		.423		
5	14.439	4.813		2.092		16.577	5.526		2.109	
		25.155					26.981			

F.B. 1363 P.G. 61

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather SUNNY Inst. No. 5001D
Notes by A. D. SMITH Time 2:30 TO 3 Rod No. 596

Name **L. A. CO. PRECISE LEVEL (NET)**
Job No. 0301.02
From B.M. 41-1 To B.M. 41-2
Date 8-2-54
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.111	25.155	.211	2.092		5.502	5.291	.210	2.109	
	4.900		.211			5.292		.207		
	4.689		422			5.085		417		
6	14.700	4.900		2.514		15.879	5.293		2.526	
	4.956		.211			4.713		.209		SUMMATION OF RUN
	4.745		.212			4.504		.206		B.M. 41-1 TO B.M. 41-2
	4.533		423			4.298		415		TOTAL BACKSIGHTS + 44.829
7	14.234	4.745		2.937		13.515	4.505		2.941	TOTAL FORESIGHTS - 45.954
	4.900		.209			4.399		.210		DIFF. IN ELEVATIONS - 1.125
	4.691		.209			4.189		.210		
	4.482		718			3.979		420		
8	14.073	4.691		3.355		12.567	4.189		3.361	
	5.585		.246			5.235		.250		B.M. 41-1 (ARTESIA C-5)
	5.339		.248			4.985		.246		ORANGETHORPE AVE. & PIONEER BLVD.
	5.091		794			4.739		496		SEE F.B. 1363-7
9	16.015	5.338		3.849	BB	14.959	4.986		3.857	FOR DESCRIPTION
		44.829					45.154			

F.B. 1363 P.G. 62

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 8:30 TO 9:00 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0361.02
From B.M. 41-2 To B.M. 41-1
Date 8-3-54 **E. C. Johnson**
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.229		252		#5	5583		250		B.M. 41-2 ARTESIA C-SA ORANGETHORPE BLVD & PIONEER BLVD
	4.977		248			5.333		248		SEE F.B. 1363-8
	4.729		500			5.085		498		FOR DESCRIPTION
1	14.935	4.978		.500	76°	16.001	5.334		.498	
	4,590		211			5.093		209		
	4.379		209			4.884		211		↑ E. LANDA
	4170		420			4.673		420		
2	13139	4.380		.920		14,650	4.883		.918	
	4,327		211			4.787		211		
	4.336		208			4.576		212		
	4.128		419			4.364		423		
3	13.011	4.337		1.339		13.727	4.576		1.341	
	5,469		212			5.080		213		
	5,257		209			4.867		210		
	5.048		421			4.657		423		
4	15.774	5.258		1.760		14.604	4.868		1.764	
F.B. P.G.	5.806		212			5.096		214		
	5,594		211			4.882		211		
	5.383		423			4.671		425		
5	16.783	5.594		2.183		14.649	4.883		2.189	
		24.547					24.544			

F.B. 1363 P. 63

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 57010
Notes by G.E.DREIER Time 8:30 TO 9:10 Rod No. 5 9 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 030102
From B.M. 41-2 To B.M. 41-1
Date 8-3-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.267	24.547	212	2.183		4.720	22.40	209	2.189	
	5.055		213			4.511		209		
	4.842		425			4.302		418		
6	15.164	5.055		2.608		13.533	4.511		2.607	
	5.757		214			4.073		212		
	5.543		212			3.861		209		
	5.331		426			3.652		421		
7	16.631	5.544		3.034		11.586	3.862		3.628	
	6.255		211			4.749		213		
	6.044		211			4.536		211		
	5.833		422			4.325		424		
8	18.132	6.044		3.456		13.610	4.537		3.452	
	4.842		212			7.456		208		B.M. 41-1 (R.M. #4 ARTESIA 8·5)
	4.630		209			7.248		207		ORANGETHORPE BLVD. & GRIDLEY RD.
	4.421		421			7.041		415		SEE F.B. 1363-7
9	13.893	4.631		3.877		21.745	7.248		3.867	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 41-2 TO B.M. 41-1
										TOTAL BACKSIGHTS + 45.821
										TOTAL FORESIGHTS - 44.702
		45.821					44.702			DIFF. IN ELEVATION + 1.119

F.B. 1363 Pg. 64

F.B. P.G.

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by C. E. DREIER Time 9:00 TO 9:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-1 To B.M. 41-2
Date 8-3-54
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.481		208			4865		213		B.M. 41-1 (R.M. #4 ARTESIA B.S.)
	7273		204			4.652		210		ORANGETHORPE BLVD. & CRIDLEY RD.
	7.069		412			4.442		423		SEE F.B. 1363-7
1	21.823	7.274		412	75°	18.959	4.653		423	FOR DESCRIPTION
	4.883		211			6.393		212		T. E. LANDA
	4.672		210			6.181		210		
	4.462		421			5.971		422		
2	14.017	4.672		833		18.545	6.182		845	
	4029		211			5.711		213		
	3818		211			5.498		215		
	3.607		422			5.283		428		
3	11.454	3.818		1.255		16.492	5.497		1273	
	4.679		211			5217		213		
	4.459		210			5.004		210		
	4.249		421			4.794		423		
4	13.378	4.459		1.676		15.015	5.005		1.696	
	4.948		211			5660		212		
	4.737		212			5.448		211		
	4.525		423			5237		423		
5	14.210	4.737		2.099		16.345	5.448		2.119	
		24.960					26.785			

F.B. 1363 P.G. 65

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 9:30 Rod No. 526

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 030102
From B.M. 41-1 To B.M. 41-2
Date 8-3-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.081	24.960	213	2.099		5.464	26.855	208	2.119	
	4.868		214			5.256		207		
	4.654		427			5.049		415		
6	14.603	4.868		2.526		15.769	5.256		2.534	
	4.682		212			4.439		211		
	4.470		211			4.228		208		
	4.259		423			4.020		419		
7	13.411	4.470		2.549		12.687	4.229		2.953	
	4.821		210			4.315		211		
	4.611		211			4.104		207		
	4.400		421			3.897		418		
8	13.832	4.611		3.370		12.316	4.105		3.371	
	5.527		249			5.171		249		B.M. 41-2 (ARTESIA C-54)
	5.278		248			4.922		245		ORANGETHORPE BLVD. & PIONEER BLVD.
	5.030		497			4.677		494		SEE F.B. 1363-8
9	15.835	5.278		3.867	76°	14.770	4.923		3.865	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 41-1 TO B.M. 41-2
										TOTAL BACKSIGHTS +44.187
										TOTAL FORESIGHTS -45.298
	44.187					45.298				DIFF IN -1.111

F.B. 1363 P.G. 6-6

76P526 S & E #379 1-54

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Chief of Party G.E. Dreier Weather Cloudy Inst. No. 50010
Notes by E. Landa Time 9:30 To 10:15 Rod No. 5 E 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-2 To B.M. 41-3
Date 7-23-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5196		205		#6	5631		209		B.M. 41-2 (ARTESIA C-5A) ORANGETHORPE BLVD. & PIONEER BLVD
	4991		204			5422		209		
	4787		1409			5213		418		
1	14974	4.991		4091	72°	16266	5422		418	SEE F.B. 1363-8 FOR DESCRIPTION
	5019		212			5341		211		↑ G.E. Dreier
	4835		209			5130		211		
	4626		1421			4919		422		
2	14508	4.836		839		15390	5.133		840	
	4852		209			3363		208		
	4643		206			3155		207		
	4437		415			2948		415		
3	13932	4.644		1245		9466	3.155		1255	
	4[illegible]		209			6731		208		
	4432		207			6523		207		
	4193		416			6316		415		
4	14106	4.702		1663		19570	6.523		1670	
	4904		211			5357		214		
	4693		210			4843		212		
	4483		421			4631		426		
5	14080	4.693		2084		14531	4.844		2096	
	13897					25.074				

F.B. 1343 P.G. 67

76P526 S & E #379 1-54

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Chief of Party G.E. Dreier Weather Cloudy Inst. No. 50016
Notes by E. Lanza Time 9:30 To 10:00 Rod No. FE6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-2 To B.M. 41-3
Date 7-23-54
Indexed A. C. Johnson

F.B. 1363 P.G. 68

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4652	23.89	210	2084		5319		211	2392	
	4442		210			4808		210		
	4232		210			4598		421		
6	13326	4442	2504			14725	4908	2517		
	4993		210			5359		211		
	4780		209			5145		208		
	4571		419			4937		419		
7	14344	4780	2923			15438	5146	2934		
	4459		209			4397		210		
	4250		210			4187		209		
	4040		419			3978		419		
8	12749	4250	3382			13792	4597	3355		
	5011		211			5443		213		
	4800		210			5230		211		
	4590		421			5019		424		
9	14401	4800	3763			15692	5231	3779		
	5253		156			5442		160		
	5097		157			5282		159		
	4940		313			5123		319		
10	15290	5097	4076			15847	5282	4078		
		47.25					50.38			

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by E. LANDA Time 9:30 TO 10:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-2 To B.M. 41-3
Date 7-23-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5060	47.265	161	4076		6441	50.138	158	4098	B.M. 41-3 (Artesia, D-5)
	4899		160			6283		154		Orangethorpe Blvd & Norwalk Blvd
	4739		321			6129		312		See F.B. 1363-9
11	14698	4.899		4.397	73°	18853	6.284		4410	for description
										Summation of Run
										B.M. 41-2 To B.M. 41-3
										Total Backsights = 52.164
										Total Foresights = 56.422
										Diff. Elev. = 4.258
		52.164					56.422			

F.B. 1363 P.G. 69

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 1363 P.G. 70

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. Dreier Weather cloudy Inst. No. 5008 10
Notes by E. Landa Time 12:15 To 10:45 Rod No. 556

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0937.02
From B.M. Hi-3 To B.M. Hi-2
Date 7-23-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6539		157		#5	5128		163		B.M. Hi-3 (Artesia D-5)
	6382		156			4965		162		Orangethorpe & Walnut
	6195		313			4803		325		See FB 1363-9
1	19054	6.351		3.13	73°	14897	4.965		3.25	for description
	5711		156			5528		159		
	5555		156			5369		158		* G.E. Dreier
	5399		312			5211		317		
2	16611	5.554		6.24		16108	5.369		6.42	
	5437		214			5006		212		
	5223		210			4794		211		
	5013		424			4583		423		
3	15673	5.224		10.49		14383	4.794		10.65	
	4300		209			4058		210		
	4091		211			3848		209		
	3880		420			3639		419		
4	12075	4.025		14.68		11745	3.915		14.84	
	5317		212			4953		210		
	5105		211			4743		210		
	4894		423			4533		420		
5	15316	5.105		19.90		14229	4.743		19.04	
	26,826					24,119				

F.B. 1363 P.G. 71

76P526 S & E #379 1-54

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Chief of Party E.F. Dreier Weather Cloudy Inst. No. 50010
Notes by E. Lance Time 10:15 TO 10:45 Rod No. 56

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 41-3 To B.M. 41-2
Date 7-23-54
Indexed A. C. Johnson

F.B. 1363 P.G. 72

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4931	26.820	212	1886 90		4567	24.119	211	1904	
	4719		208			4356		209		
	4509		222			4147		220		
6	14159	26.820		2318		13070	24.119		2328	
	5018		213			4868		211		
	4805		213			4657		210		
	4592		200			4447		210		
7	14415	24.805		2738		13972	24.059		2745	
	6837		208			5019		211		
	6629		208			4808		209		
	6421		200			4599		220		
8	19887	26.629		3158		14426	24.394		3165	
	3390		207			4913		209		
	3183		206			4701		205		
	2977		213			4496		214		
9	9550	23.183		3566		14110	24.102		3579	
	5494		211			5202		211		
	5283		211			4991		211		
	5072		222			4780		222		
10	15849	25.283		3987		14973	24.401		4001	
	51.446					47.635				

76P526 S & E #379 1-54

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Chief of Party: C. E. Dreier Weather: Cloudy Inst. No. 50010
Notes by: E. Landa Time: 10:15 To 10:45 Rod No. 586

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0331
From: B.M. 41-3 To: B.M. 41-2
Date: 7-23-54
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5554	51.446	212	3938 9		5111	47.635	200	4001	B.M. 41-2 (Artesia 5A)
	5342		211			4911		200		Orangethorpe Blvd. & Pioneer Blvd
	5131		423			4711		400		See F.B. 1363-8
11	6027	5.342		4418	76	14733	4.911		4401	for description
										Summation of Run B.M. 41-3 To B.M. 41-2
										Total Backsights = 56.788
										Total Foresights = -52.546
										Diff. in Elev. = +4.242
		56.788					52.546			

F.B. 1363 P.G. 73

76P526 S & E #379 1-54

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Chief of Party..... Weather..... Inst. No.....
Notes by..... Time..... Rod No.....

Name L. A. CO. PRECISE LEVEL NET
Job No.....
From..... To.....
Date.....
Indexed.....

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS

F.B. 1363 P.G. 74

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUNNY Inst. No. 5001.0
Notes by A. D. SMITH Time 7:50 TO 10:35 Rod No. 546

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 41-3 To B.M. 41-2
Date AUGUST 2, 1954
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.388		.158		#5	5.008		.161		B.M. 41-3 (R.M. #4 ARTESIA BLVD.) D-5
	6.230		.150			4.847		.160		ORANGETHORPE BLVD. & NORWALK
	6.092		.216			4.687		.221		SEE F.B. 1363-9
1	18.690 ✓	6.230 ✓	3	.216		14.542 ✓	4.847 ✓	3	.221	FOR DESCRIPTION
	5.741		.159			5.557		.159		↑ G. E. DREIER
	5.582		.159			5.398		.157		
	5.423 ✓		.318	634		5.241 ✓		.316	5	
2	16.746 ✓	5.582	3	~~.634~~		16.196 ✓	5.399 ✓	3	~~.637~~	
	5.391		.214			4.752		.210		
	5.177		.214			4.742		.210		
	4.963		.428 ✓	1062		4.532		.420 ✓	9	
3	15.531 ✓	5.177 ✓		~~.862~~		14.226 ✓	4.742 ✓		.857	
	4.798	16.989 ✓	.208			4.437	14.988 ✓	.209		
	4.580		.207			4.228		.207		
	4.373 ✓		.415 ✓	4		4.021 ✓		.416 ✓	3	
4	13.741 ✓	4.593		1.277		12.686 ✓	4.229 ✓		1.273	
	5.301		.208			4.766		.211		
	5.093		.206			4.555		.210		
	4.887 ✓		.414 ✓	8		4.345 ✓		.421 ✓	7	
5	15.281 ✓	5.094 ✓		1.691		13.666 ✓	4.555 ✓		1.694	
		26.663 ✓					23.772 ✓			

F.B. 1363 P.G. 75

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUNNY Inst. No. 50010
Notes by A. D. SMITH Time 9:50 TO 10:35 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-3 To B.M. 41-2
Date AUGUST 2, 1954
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.865	26.663	.212	1691		4.676	23.[illegible]	.211	1894	
	4.653		.211			4.465		.212		
	4.442		423			4.253		423		
6	13.960	4.653		2.X14		13.394	4.[illegible]		2.X17	
	5.055		.212			4.928		.211		
	4.843		.212			4.697		.211		
	4.631		424	7		4.486		422	6	
7	14.529	4.843		2.538		14.091	4.697		2.539	
	6.735		.208			4.921		.211		
	6.527		.207			4.712		.209		
	6.320		415	31		4.503		420	30 57	
8	19.582	6.527		2.953		14.136	4.712	18	2.954	
	3.598	3.686	.207			5.118	5.[illegible]16	.209		
	3.391		.211			4.909		.208		
	3.180		418	5		4.701		417	474	
9	10.169	3.390		3.571		14.728	4.[illegible]09		3.576	
	5.580		.211			5.285		.209		
	5.369		.210			5.076		.211		
	5.159		421	9		4.865		420	894	
10	16.108	5.369		3.792		15.226	5.075		3.796	
		51.445					47.630			

F.B. 376.5 P.G. 76

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUNNY Inst. No. 50010
Notes by A. D. SMITH Time 9:50 TO 10:35 Rod No. 516

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-3 To B.M. 41-2
Date 8-2-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.760	5.445	.209	3.992		5.327	4.630	.208	3.796	B.M. 41-2 (ARTESIA C-5)
	5.551		.208	9		5.119		.205	894	ORANGETHORPE BLVD. & PIONEER BLVD.
	5.343		.417	4		4.914		.413	307	SEE F.B. 1363-8
11	16,654	5.551		4209	81°	15360	5.120		4209	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 41-3 TO B.M. 41-2
										TOTAL BACKSIGHTS +56.996
										TOTAL FORESIGHTS -52.750
										DIFF. IN ELEVATIONS + 4.246
		56.996					52.750			F.B. 1363 PG. 77

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS

F.B. 1363 P.G. 78

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9.40 TO 10.10 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 41-2 To B.M. 41-3
Date 8-3-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.059		206		# 5	5493		210		B.M. 41-2 (ARTESIA C-SA) ORANGETHORPE BLVD. & PIONEER BLVD. SEE F.B. 1362-8 FOR DESCRIPTION
	4.853		202			5.283		206		
	4.651		408			5.077		416		
1	14.563	4.854		408	76°	15853	5.284		416	
	5.091		211			5.388		209		TO E. LANDA
	4.880		211			5.179		209		
	4.669		422			4.970		418		
2	14.640	4.880		830		15.537	5.179		834	
	4.761		211			3.178		208		
	4.495		209			2.970		208		
	4.281		420			2.762		416		
3	13.472	4.491		1250		8.910	2.970		1250	
	4.865		211			6.680		208		
	4.654		210			6.472		208		
	4.444		421			6.262		416		
4	13.963	4.654		1671		19.418	6.473		1654	
	4.912		211			5.060		212		
	4.701		210			4.848		215		
	4.491		421			4.633		427		
5	14.104	4.701		2092		14.541	4.847		2094	
		23.580					24.753			

F.B. 1362 P.G. 79

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:40 to 10:10 Rod No. 58

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-2 To B.M. 41-3
Date 8-3-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	4.528 4.313 4.102 12.943	23.580 4.314	215 211 426	2.092 2.518		4.221 4.509 4.295 13.528	24.753 4.509	212 211 423	2.091 2.514	
7	4.695 4.483 4.273 13.451	4.484	212 210 422	2.940		5.230 5.019 4.809 15.058	5.019	211 211 422	2.938	
8	4.425 4.214 4.007 12.646	4.215	211 207 418	3.358		4.775 4.564 4.356 13.695	4.565	211 208 419	3.355	
9	4.917 4.702 4.491 14.110	4.703	215 211 426	3.784		5.350 5.137 4.922 15.409	5.136	213 215 428	3.781	
10	5.190 5.030 4.871 15.091	5.030	160 159 319	4.103		5.374 5.217 5.059 15.650	5.217	157 158 315	4.098	
		46.326					49.199			

F.B. 1363 P.G. 80

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:40 TO 10:10 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 23013
From B.M. 41-2 To B.M. 41-3
Date 8-3-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4870	46.326 ✓	162	4.103 ✓		6249	49.199 ✓	160	4.098 ✓	B.M. 41-3 (RM # 4 ARTESIA D-5)
	4.708		160			6.089		160		ORANGETHORPE BLVD. & NORWALK BLVD.
	4548		322			5.929		320 ✓		SEE F.B. 1363-9
11	14.126 ✓	4.709 ✓		4.425 ✓	76°	18.267 ✓	6.089 ✓		4.418 ✓	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 41-2 TO B.M. 41-3
										TOTAL BACKSIGHTS + 51.035 ✓
										TOTAL FORESIGHTS - 55.288 ✓
										DIFF IN ELEVATION - 4.253 ✓
										F.B. 1363 P.G. 81
		51.035 ✓					55.288 ✓			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 363 P.G. 84

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:15 TO 2:30 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M. 41-3 To B.M. 8-7
Date 7-23-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.473		183		45	4.640		183		B.M. 41-3 (ARTESIA D-5 R.M. #4) BLVD.
	6.290		181			4.457		187		ORANGETHORPE BLVD. & NORWALK
	6.109		364			4.270		370		SEE F.B. 1363-9
1	18.872	6.291		364		13.367	4.456		.370	FOR DESCRIPTION
	5.175		207			5.075		212		
	4.968		208			4.863		208		E. LANDA
	4.760		415			4.655		420		
2	14.903	4.968		.779		14.593	4.864		.790	
	4.839		210			5.171		211		
	4.629		209			4.960		209		
	4.420		419			4.751		420		
3	13.888	4.629		1.198		14.882	4.961		1.210	
	5.271		209			4.913		208		
	5.062		209			4.705		207		
	4.853		418			4.498		415		
4	15.186	5.062		1.616		14.116	4.705		1.625	
	5.401		210			4.729		211		
	5.191		206			4.518		210		
	4.985		416			4.308		421		
5	15.577	5.192		2.032		13.555	4.518		2.046	
		26.142					23.504			

F.B. 1363 P.G. 83

76P526 S & E #379 1-54

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather CLEAR Inst. No. 50019
Notes by G.E.DREIER Time 1:15 TO 2:30 Rod No. 5 F 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-3 To B.M. 8-7
Date 7-23-54
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5210	26.142	210	2.432		4629	23.504	210	2.046	
	5.000		210			4.419		208		
	4.790		420			4.211		418		
6	15.000	5.000		2.452		13.259	4.420		2.464	
	4710		210			5130		213		
	4.500		210			4.917		214		
	4.290		420			4.703		427		
7	13.500	4.500		2.872		14.750	4.917		2.871	
	4.528		214			4.879		212		
	4.314		212			4.667		214		
	4.102		426			4.453		426	317	
8	12.944	4.315		3.298		13.999	4.666		3.297	
	4912		212			5.384		205		+44.657
	4.700		211			5.179		207		-42.685
	4.489		423			4.972		412		+1.972
9	14.101	4.700		3.721		15.535	5.178		3.729	
										B.M. 8-9 (U.S. 3926) (L.A.C.R.D 177) ORANGETHORPE BLVD & BLOOMFIELD AVE. SEE F.B. 1209-13 FOR DESCRIPTION
	44.657					42.685				

F.B. 1363 PG. 84

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather CLEAR Inst. No 50010
Notes by G.E.DREIER Time 1:15 TO 2:30 Rod No. 506

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-3 To B.M. 8-7
Date 7-23-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.511	44.657	076	3.721		5.968	42.685	059	3.782	-5.909
	5.435		074			5.909		059		+5.436
	5.361		150			5.850		118		-0.473
10	16.307	5.436		3.871		17.727	5.909		3.827	
		50.093					48.594			B.M. 8-8 (U.S. 3925) (L.A.C.RD. 176) ORANGETHORPE BLVD & BLOOMFIELD AVE. SEE F.B. 1209-12 FOR DESCRIPTION
	7.609		086			6.003		116		+6.923
	6.923		085			5.887		117		-5.887
	6.838		171			5.770		233		+1.036
11	20.770	6.923		4.042		17.660	5.887		4.060	
										B.M. 8-7 (U.S. 2192 M-51) ORANGETHORPE BLVD & BLOOMFIELD AVE. SEE F.B. 1209-12 FOR DESC. F.B. 1363 P.G. 85
										SUMMATION OF RUN
										TOTAL BACKSIGHTS +57.016
										TOTAL FORESIGHTS -54.481
										DIFF. ELEV. 41-3 TO 8-7 + 2.535
										" " 41-3 TO 8-9 + 1.972
										" " " 8-9 TO 8-8 -0.473
										" " " 8-8 TO 8-7 +1.036
	57.016					54.481				

76P526 S & E #379 1-54

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Chief of Party..... Weather..... Inst. No.....
Notes by..... Time..... Rod No.....

Name L. A. CO. PRECISE LEVEL NET
Job No.....
From..... To.....
Date.....
Indexed.....

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 1363 P.G. 86

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather WINDY-CLEAR Inst. No. 50010
Notes by G.E.DREIER Time 3:00 TO 3:20 Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-7 To B.M. 41-3
Date 7-23-54 7-26
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.110		108		#5	7132		095		B.M. 8-7 (U.S. 2192 M-51 AVE ORANGETHORPE BLVD & BLOOMFIELD SEE F.B. 1209-12 FOR DESCRIPTION
	6.002		106			7.037		093		
	5.896		214			6.944		188		
1	18.008	6.003		.214		21.113	7.038		.188	
										B.M. 8-8 (U.S. 3925) (L.A.C.R.D. 177) AVE ORANGETHORPE BLVD & BLOOMFIELD SEE F.B. 1209-12 FOR DESCRIPTION
	6.122		059			5.669		077		T E. CANADA
	6.063		058			5.592		075		
	6.005		117			5.517		152		
2	18.190	6.063		.331		16.778	5.593		.340	
		12.066					12.631			B.M. 8-9 (U.S. 3926) (L.A.C.R.D. 176) AVE ORANGETHORPE BLVD & BLOOMFIELD SEE F.B. 1209-12 FOR DESCRIPTION
	5371		205			41903		213		F.B. 1363 P.G. 87
	5.166		204			4690		212		
	4962		409			4478		425		
3	15499	5.166		.740		14.071	4.690		.765	
		17.232					12.321			

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather WINDY-CLEAR Inst. No 50010
Notes by G.E. DREIER Time 1100 TO 2100 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No 050102
From B.M. 8-7 To B.M. 41-3
Date 7-26-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.120	5.032	212	.740		4.770	4.552	213	.765	
	4.908		213			4.557		214		
	4.695					4.343				
4	14.723	4.908	425	1165		13.670	4.557	427	1.192	
	5.275		213			4.853		208		
	5.062		211			4.645		208		
	4.851					4.437		416		
5	15.188	5.063	424	1.589		13.935	4.645		1.608	
	4.638		214			5.263		208		
	4.474		212			5.055		205		
	4.262					4.850		413		
6	13.424	4.475	426	2.015		15.168	5.056		2.021	
	4.610		212			5.280		209		
	4.398		209			5.071		205		
	4.189					4.866		414		
7	13.197	4.399	421	2436		15.217	5.072		2.435	
	4.858		210			6.218		211		
	4.648		209			5.007		209		
	4.440					4.795		420		
8	13.946	4.649	418	2.854		15.023	5.008		2.855	
		40.726					41.659			

F.B. 1363 P.G. 88

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY - CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-7 To B.M. 41-3
Date 7-26-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5228	40.726	211	2.854		4897	41659	208	2.855	
	5017		211			4689		209		
	4806		422			4480		417		
9	15.051	5017		3276		14066	4.689		3.272	
	5.074		213			5175		208		
	4861		210			4967		209		
	4651		423			4758		417		
10	14.586	4.862		3.699		14.900	4.967		3.689	
	4.863		185			6698		184		B.M. 41-3 (ARTESIA D-5 R.M. #4)
	4678		186			6.514		182		ORANGETHORPE BLVD. & NORWALK BLVD.
	4492		371			6.332		366		SEE F.B. 1363-9
11	14.033	4.678		4.070		19.544	6.514		4.055	FOR DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 55.283
										TOTAL FORESIGHTS - 57.829
										DIFF IN ELEV. 8-7 TO 41-3 - 2.547
										" " " 8-7 TO 8-8 - 1.035
										" " " 8-8 TO 8-9 + 0.470
										" " " 8-9 TO 41-3 - 1.981
		55.283					57.829			

F.B. 1363 P.G. 89

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 1363 P.G. 96

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 8:15 TO 9:20 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-3 To B.M. 41-4
Date 7-28-54
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.669		221		#5	5.462		218		B.M. 41-3 (C.M.#4 ARTESIA D.S.) ORANGETHORPE BLVD. & NORWALK BLVD. SEE F.B. 1363-9 FOR DESCRIPTION
	6.448		219			5.244		216		
	6.229		440			5.028		434		
1	19.346	6.449		.440	76°	15.734	5.245		.434	
	5.235		212			4.882		212		↑ E. LANDA
	5.023		209			4.670		213		
	4.814		421			4.457		425		
2	15.072	5.024		.861		14.009	4.670		.859	
	5.365		211			5.143		212		
	5.154		209			4.931		211		
	4.945		420			4.720		423		
3	15.464	5.154		1.281		14.794	4.931		1.282	
	5.432		216			5.020		211		
	5.216		217			4.809		212		
	4.999		433			4.598		421		
4	15.647	5.216		1.714		14.428	4.809		1.703	
	5.301		212			5.018		214		
	5.089		209			4.804		213		
	4.880		421			4.591		427		
5	15.270	5.090		2.135		14.413	4.804		2.130	
	26.934					24.469				

F.B. 1363 P.G. 71

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 8:15 TO 9:2[illegible] Rod No. 5[illegible]6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-3 To B.M. 41-4
Date 7-28-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.291	26.934	212	2.135		[illegible]	24.459	212	2.130	
	5.079		212			4.7[illegible]		210		
	4.867		424			4.502		422		
6	15.237	5.079		2.559		14.138	4.713		2.552	
	5.327		214			4.980		213		
	5.113		213			4.767		213		
	4.900		427			4.554		426		
7	15.340	5.113		2.986		14.301	4.767		2.978	SUMMATION OF RUN
	5.2[illegible]		214			5.077		215		B.M. 41-3 TO B.M. 41-4
	5.063		210			4.862		212		TOTAL BACKSIGHTS + 52.741
	4.853		424			4.652		427		TOTAL FORESIGHTS − 48.372
8	15.1[illegible]3	5.064		3.41[illegible]		14.589	4.[illegible]3		3.405	DIFF IN ELEVATION + 4.369
	5.358		165			5.060		160		
	5.193		161			4.900		159		
	5.032		326			4.741		319		
9	15.583	5.194		3.736		14.701	4.900		3.724	
	5.547		190			4.862		192		B.M. 41-4
	5.357		190			4.670		193		NSW WALK BLVD. & 183rd ST
	5.167		380			4.477		385		SEE F.B. 1363-10
10	16.071	5.357		4.116		14.009	4.670		4.109	FOR DESCRIPTION
		52.741					48.372			

F.B. 1363 P.G. 92

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No 50010
Notes by G. E. DREIER Time 10:35 TO 11:40 Rod No. 566

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 41-4 To B.M. 41-3
Date 7-28-54
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4 851		193		#5	5 538		194		B.M. 41-4
	4.658		192			5.344		190		NORWALK BLVD. & 183RD ST.
	4.466		385			5.154		384		SEE F.B. 1363-10
1	3.975	4.238		.385	88°	16,036	5.345		.384	FOR DESCRIPTION
	5 031		160			5.329		163		↑ E. LANDA
	4.871		159			5,166		161		
	4.712		319			5,005		324		
2	14.614	4.871		.704		15500	5.167		.768	
	5.068		216			5.270		211		
	4.652		213			5.059		211		
	4.639		429			0.845		422		
3	14559	4.853		1.133		15177	5.059		1.130	
	5.008		215			4.953		213		
	4.793		213			4.740		211		
	4.588		428			4.923		424		
4	14.381	4.794		1.561		14422	5.141		1.584	
	4.950		211			5.324		213		
	4.749		212			5.111		211		
	4.537		423			4.900		424		
5	14.246	4.749		1.984		15335	5.112		1.978	
	23.925					25824				

F.B. 1363 P.G. 93

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 10:35 7/11/40 Rod No. 526

Name L. A. CO. PRECISE LEVEL NET
Job No. 350102
From B.M. 41-4 To B.M. 41-3
Date 7-28-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	5.019 / 4.807 / 4.594 / 14.420	4.807	212 / 213 / 425	1.984 / 2,409		5.307 / 5.096 / 4.882 / 15.289	5.096	211 / 214 / 421	1.978 / 2.379	
7	5.050 / 4.838 / 4.627 / 14.515	4.838	212 / 211 / 423	2832		5.459 / 5.243 / 5.028 / 15.730	5.243	216 / 215 / 431	2.820	SUMMATION OF RUN
8	5.092 / 4.880 / 4.670 / 14.642	4.881	212 / 210 / 422	3.254		5.314 / 5.104 / 4.894 / 15.312	5.104	210 / 210 / 420	3.208	B.M. 41-4 TO B.M. 41-3 TOTAL BACKSIGHTS +48.074 TOTAL FORESIGHTS −52.449 DIFF IN ELEVATION − 4.375
9	4.876 / 4.662 / 4.450 / 13.988	4.663	214 / 212 / 426	3.680		5.231 / 5.020 / 4.810 / 15.061	5.020	211 / 210 / 421	3.681	
10	5.176 / 4.960 / 4.745 / 14.881	4.960	216 / 215 / 431	4.111		6.382 / 6.161 / 5.943 / 18.486	6.162	221 / 218 / 439	4.180	B.M. 41-3 (B.M. 4 ARTESIA D-5 ORANGETHORPE BLVD. & NORWALK BLVD SEE F.B. 1863-9 FOR DESCRIPTION
		48.074					52.449			

F.B. 1863 P.G. 94

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:20 TO 10:05 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0361.02
From B.M. 41-4 To B.M. 41-5
Date 7-28-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6600		210			5458		212		B.M. 41-4
	6.390		210			5.246		213		NORWALK BLVD. & 183RD. ST.
	6.150		420			5.033		425		SEE F.B. 1362-10
1	19.170 ✓	6.390 ✓		420 ✓		15.737 ✓	5.246 ✓		425 ✓	FOR DESCRIPTION
	5.453		211			4.310		209		
	5.242		209			4.101		205		E LANOR
	5.033		420			3.896		414		
2	15.728 ✓	5.243 ✓		420 ✓		12.307 ✓	4.102 ✓		539 ✓	
	5.876		208			5.072		212		
	5.668		208			4.860		212		
	5.460		416			4.648		424 ✓		
3	17.004 ✓	5.668 ✓		1256		14.580 ✓	4.860 ✓		1.263 ✓	
	5.799		209			4.467		214		
	5.590		209			4.253		213		
	5.381		418			4.040		427 ✓		
4	16.770 ✓	5.590 ✓		1674 ✓		12.760 ✓	4.253 ✓		1.690 ✓	
	5.945		210			4.032		212		
	5.735		210			3.820		212		
	5.525		420 ✓			3.608		424 ✓		
5	17.205 ✓	5.735 ✓		2094 ✓		11.460 ✓	3.820 ✓		2.134 ✓	
	28.626 ✓					22.281 ✓				

F.B. 1362, P.G. 95

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:20 TO 10:[illegible] Rod No. 5[illegible]6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-4 To B.M. 41-5
Date 7-28-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5827	28.626	217	2.094		3.850	2[illegible]	213	2.[illegible]	
	5.610		215			3.637		213		
	5.395		432			3.424		426		
6	16.832	5.611		2.526		10.911	3.637		2.540	
	5741		218			4.590		212		
	5.523		219			4.378		215		
	5.304		437			4.163		427		
7	16.568	5.523		2.963		13.131	4.[illegible]77		2.967	SUMMATION OF RUN
	5140		217			4.610		212		B.M. 41-4 TO B.M. 41-5
	4.923		213			4.398		214		TOTAL BACKSIGHTS +54.100
	4.710		430			4.184		426		TOTAL FORESIGHTS -44.301
8	14.773	4.924		3.393		13.192	4.397		3.393	DIFF IN ELEVATION + 9.799
	4932		152			4662		155		
	4780		152			4.507		157		
	4.628		304			4.350		312		
9	14.340	4.780		3.697		13.519	4.506		3.705	
	4.795		160			5259		157		B.M. 41-5
	4.635		157			5.102		154		NORWALK BLVD. & ARTESIA BLVD
	4478		317			4.948		311		SEE F.B. 1363-11
10	13.908	4.636		4.014	85°	15.309	5.103		4.016	FOR DESCRIPTION
		54.100					44.301			

F.B. 1363 P.G. 96

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:05 TO 10:35 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-5 To B.M. 41-4
Date 7-28-54
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5242		154		#5	4779		159		B.M. 41-5
	5.088		157			4.620		159		NORWALK BLVD. & ARTESIA BLVD.
	4.931		311 ✓			4461		318 ✓		SEE F.B. 1363-11
1	15.261	5.087 ✓		311	55°	13.860	4.620 ✓		318 ✓	FOR DESCRIPTION
	4.824		155			4966		154		
	4539		157			4.512		152		E. LANDA
	4.352 ✓		312 ✓			4.660 ✓		306 ✓		
2	13.615 ✓	4.539 ✓		623 ✓		14.438 ✓	4.813 ✓		624 ✓	
	4.652		212			5212		214		
	4.470		210			4.998		213		
	4.260		422 ✓			4.785		427 ✓		
3	13.412 ✓	4.471 ✓		1045 ✓		14.995 ✓	4.998 ✓		1051 ✓	
	4.935		214			5671		219		
	4.311		212			5.451		216		
	4.099		426 ✓			5.235 ✓		435 ✓		
4	12.935 ✓	4.312 ✓		1484 ✓		16.357 ✓	5.452 ✓		1486 ✓	
	3.815		219			5780		207		
	3.596		218			5.571		207		
	3.379		437 ✓			5.362		414 ✓		
5	10.789 ✓	3.596 ✓		1921 ✓		16.713 ✓	5.571 ✓		1904 ✓	
	22.005 ✓					55.454 ✓				

F.B. 1363, P.G. 27

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE - SUNNY Inst. No. 50010
Notes by G. E. DREIER Time 10:05 TO 16:35 Rod No. 556

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-5 To B.M. 41-4
Date 7-28-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.905	22.005	211	1911		5.820		210	1964	
	3.694		213			5.610		211		
	3481		211			5.399		421		
6	11.080	3.693	424	2.325		16.829	5.610		2.325	
	4.532		214			5.867		211		
	4.318		210			5.656		208		
	4.108		424			5.448		419		
7	12.958	4.319		2.274		16.971	5.657		2.714	SUMMATION OF RUN
	5.078		214			5.851		210		B.M. 41-5 TO B.M. 41-4
	4.864		211			5.671		208		TOTAL BACKSIGHTS +44.332
	4.653		425			5.463		418		TOTAL FORESIGHTS −54.121
8	14.595	4.865		3.141		17.015	5.672		3.162	DIFF IN ELEVATION −9.789
	4.282		206			5.422		212		
	4.076		206			5.216		208		
	3.870		412			5.052		420		
9	12.228	4.076		5.526		15.634	5.211		3.512	
	5.585		210			6.727		210		B.M. 41-4
	5.375		213			6.517		209		NORMANDIE BLVD. & 183RD ST.
	5.162		423			6.308		419		SEE F.B. 1363-10
10	16.122	5.374		4.013	88°	19.552	6.517		4.001	FOR DESCRIPTION
	44.332					54.121				

F.B. 1363 P.G. 98

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by E. Landa Time 1:30 To 2:30 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No 0301.02
From B.M. 41-5 To B.M. 41-6
Date 7-28-54
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5973		214		#5	4551		214		B.M. 41-5
	5759		212			4337		213		NORWALK BLVD & ARTESIA BLVD
	5547		426			4124		427		SEE F.B. 1363-11
1	17279	5.760		426		13012	4.337		427	FOR DESCRIPTION
	5342		210			4439		214		↑ G.E. Dreier
	5132		209			4225		212		
	4923		419			4013		426		
2	15397	5.132		845		12677	4.226		853	
	5013		213			4580		213		
	4800		210			4367		212		
	4590		423			4155		425		
3	14403	4.801		1268		13102	4.367		1278	
	4967		214			5103		213		
	4753		213			4890		216		
	4540		427			4674		429		
4	14260	4.753		1695		14667	4.889		1707	
	5465		215			4625		213		
	5250		215			4412		212		
	5035		430			4200		425		
5	15750	5.250		2125		13237	4.412		2132	
		25.696					22.231			

F.B. 1363 P.G. 99

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by E. Landa Time 1:30 To 2:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-5 To B.M. 41-6
Date 7-28-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4970	25.696	212	2125		4729	22.231	210	2132	
	4758		211			4519		213		
	4547		423			4306		423		
6	14275	4.758		2548		13554	4.518		2555	
	5079		212			4824		207		
	4867		212			4617		208		Summation of Run
	4655		424			4409		415		B.M. 41-5 To B.M. 41-6
7	14601	4.867		2972		13850	4.617		2970	
	5037		212			4671		209		Total Backsights = +50.034
	4825		209			4462		209		Total Foresights = -45.307
	4616		421			4253		418		Diff. in Elev = + 4.727
8	14478	4.826		3393		13386	4.462		3388	
	5.250		223			4.622		222		
	5.027		224			4.400		221		
	4.803		447			4.179		443		
9	15.080	5.027		3.840		13.201	4.400		3.831	
	5070		211			5289		210		B.M. 41-6
	4859		209			5079		209		Norwalk Blvd & Cedarvale St.
	4650		420			4870		419		See F.B. 1363-12
10	14579	4.860		4260		15238	5.079		4.250	for description
		50.034					45.307			

F.B. 1363 P.G. 100

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by E. Landa Time 3:00 To 3:45 Rod No. 566

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-6 To B.M. 41-5
Date 7-30-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5178		207		#5	4964		211		B. M. 41-6
	4971		209			4753		210		Norwalk Blvd. & Cedarvale
	4762		416			4543		421		See F.B. 1363-12
1	14911	4.970		416	87°	14260	4.753		421	for description
	4568		222			5201		224		
	4346		221			4977		225		* G.E. Dreier
	4125		443			4752		449		
2	13039	4.346		859		14930	4.977		870	
	4850		211			5218		210		
	4639		210			5008		210		
	4429		421			4798		420		
3	13918	4.639		1280		15024	5.008		1290	
	4803		210			5059		210		
	4593		209			4849		210		
	4384		419			4639		420		
4	13780	4.593		1699		14547	4.849		1710	
	4828		214			5069		212		
	4614		211			4857		212		
	4403		425			4645		424		
5	13845	4.615		2124		14571	4.857		2134	
		23,163					24,444			

F.B. 1363 P.G. 101

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by Time 3:00 To 3:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-6 To B.M. 41-5
Date 7-30-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4668	23.163	214	2124		5507	24.144	215	2134	
	4454		211			5292		214		
	4243		425			5078		429		
6	13365	4.455		2549		15877	5.292		2563	
	5153		215			5013		212		
	4938		216			4801		208		
	4722		431			4593		420		
7	14813	4.938		2980		14407	4.802		2983	SUMMATION OF RUN
	4647		215			5083		211		B.M. 41-6 TO B.M. 41-5
	4432		213			4872		210		TOTAL BACKSIGHTS +45.277
	4219		428			4662		421		TOTAL FORESIGHTS -50.027
8	13298	4.433		3408		14617	4.872		3404	DIFF IN ELEVATION -4.750
	4250		212			5155		209		
	4038		210			4946		209		
	3828		422			4737		418		
9	12116	4.039		3830		14838	4.946		3822	
	4461		213			5882		211		B.M. 41-5
	4248		211			5671		211		NORWALK BLVD & ARTESIA BLVD
	4037		424			5460		422		SEE F.B. 1363-11
10	12746	4.249		4254		17.013	5.671		4244	FOR DESCRIPTION
		45.277					50.027			

F.B. 1363 P.G. 102

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:20 TO 3:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M. 41-6 To B.M. 41-5
Date 8-4-54
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.682		208		#5	5.468		212		B.M. 41-6
	5.474		207			5.256		212		NORWALK BLVD & CEDARDALE ST.
	5.267 ✓		415 ✓			5.044 ✓		424 ✓		SEE F.B. 1363-W
1	16.423 ✓	5.474 ✓		415	83°	15.768 ✓	5.256 ✓		.424	FOR DESCRIPTION
	4.545		218			5.183		228		
	4.327		216			4.955		225		↑ E. LANDA
	4.111		434 ✓			4.730		453 ✓		
2	13.983 ✓	4.328 ✓		.849		14.868 ✓	4.956 ✓		.877	
	4.700		214			5.165		209		
	4.486		214			4.856		206		
	4.272		428 ✓			4.650		415 ✓		
3	13.458 ✓	4.486 ✓		1.278		14.571 ✓	4.857 ✓		1.292	
	4.811		213			5.054		205		
	4.598		212			4.849		208		
	4.386		425 ✓	1702		4.641		413 ✓		
4	13.795 ✓	4.598 ✓		~~1678~~		14.544 ✓	4.848 ✓		1,706	
	4.521		212			4.768		215		
	4.309		211			4.553		214		
	4.098		423 ✓			4.339		429 ✓	4	
5	12.928 ✓	4.309 ✓		2.125		13.660 ✓	4.553 ✓		2.135	
	23.195 ✓					24.470 ✓				

F.B. 1363 PG. 103

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE [illegible] Inst. No. 50010
Notes by G. E. DREIER Time 2:20 TO 3:15 Rod No. 5[illegible]6

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 41-6 To B.M. 41-5
Date 8-4-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.464	23.195	215	2.12 5		5.299	24.470	217	2.138 4	
	4.249		212			5.082		214		
	4.037		427			4.86[illegible]		431		
6	12.750	4.250		2.548 52		15.24[illegible]	5.083		2.568 5	
	5.099		217			4.963		213		
	4.882		215			4.750		210		
	4.667		432			4.540		423		
7	14.648	4.883		2.984		14.253	4.751		2.989 8	SUMMATION OF RUN
	4.587		215			5.026		210		B.M. 41-6 TO B.M. 41-5
	4.372		212			4.816		211		TOTAL BACKSIGHTS + 45.115
	4.160		427			4.605		421		TOTAL FORESIGHTS - 49.864
8	13.119	4.373		3.407 11		14.447	4.816		3.410 09	DIFF IN ELEVATION - 4.749
	4.356		214			5.262		211		
	4.142		212			5.051		212		
	3.930		426			4.839		423		
9	12.428	4.143		3.830 7		15.152	5.051		3.833 2	
	4.484	40.844	214			5.906	44.[illegible]	214		B.M. 41-5
	4.270		211			5.692		210		NORWALK BLVD. & ARTESIA BLVD
	4.059		425			5.482		424		SEE F.B. 1363-11
10	12.813	4.271		4.258 62		17.080	5.693		4.251	FOR DESCRIPTION
		45.115					49.864			

F.B. 1363 P.G. 104

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 52010
Notes by C.E. DREIER Time 3:15 TO 3:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-5 To B.M. 41-6
Date 8-4-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5872		212		#5	4457		211		B.M. 41-5
	5.660		211			4,240		212		NORWALK BLVD. & ARTESIA BLVD
	5.449		423			4,028		423		SEE F.B. 1363-11
1	16.981	5.660		423	80°	12.719	4.240		423	FOR DESCRIPTION
	5717		212			4810		211		
	5,505		208			4.599		210		T E. LANDA
	5.297		420			4,389		421		
2	16,519	5.506		843		13,798	4.599		844	
	5,321		213			4,881		212		
	5,108		210			4.669		211		
	4.898		423			4.458		423		
3	15.327	5,109		1,266		14.008	4,669		1.267	
	5.180		212			5318		215		
	4.968		212			5103		213		
	4.756		424			4890		428		
4	14.904	4.968		1,690		15311	5.104		1,695	F.B. 1363 P.G. 105
	5.593		214			4.757		214		
	5.379		214			4.543		211		
	5.165		428			4.332		425		
5	16,137	5.379		2,118		13,632	4.544		2,120	
	26.622					23.156				

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50016
Notes by G. E. DREIER Time 3:15 TO 2:45 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-5 To B.M. 41-6
Date 8-4-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.057	26.622	213	2.118		4.814	23.156	212	2.120	
	4.844		212			4.602		212		
	4.632		425			4.390		424		
6	14.533	4.844		2.543		13.806	4.602		2.544	
	5.113		212			4.861		211		
	4.901		209			4.650		207		
	4.692		421			4.443		418		
7	14.706	4.902		2.961		13.954	4.651		2.962	SUMMATION OF RUN
	5.101		210			4.731		211		B.M. 41-5 TO B.M. 41-6
	4.891		211			4.520		210		TOTAL BACKSIGHTS + 51.462
	4.680		421			4.310		421		TOTAL FORESIGHTS - 46.725
8	14.672	4.891		3.385		13.561	4.520		3.383	DIFF IN ELEVATION + 4.737
	5.324		223			4.696		224		
	5.101		220			4.472		221		
	4.881		443			4.251		445		
9	15.306	5.102		3.828		13.419			3.828	
	5.311		211			5.532		208		B.M. 41-6
	5.100		207			5.324		211		NORWALK BLVD & CEDARDALE ST
	4.891		418			5.113		419		SEE F.B. 1363-12
10	15.302	5.101		4.248		15.969			4.247	FOR DESCRIPTION
	51462					46.725				

F.B. 1363 P.G. 106

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 9:45 TO 10:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No 030,07
From B.M. 41-6 To B.M. 41-5
Date 8-5-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.250		210		#5	5033		213		B.M. 41-6
	5.040		206			4.820		209		NORWALK BLVD & CEDARDALE ST.
	4.834		416			4.611		422		SEE L.A.S. 1362-12
1	15.124	5.041		416	72°	14.464	4.821		422	FOR DESCRIPTION
	4.438		226			5.070		223		
	4.213		220			4.847		224		E. LANDA
	8.991		447			4.623		205		
2	17.642	4.214		863		14.542	4.847		852	
	4.638		213			5.009		210		
	4.425		209			4.799		209		
	4.216		422			4.590		419		
3	13.279	4.426		1285		14.398	4.799		1286	
	4.744		210			5.001		210		
	4.539		209			4.791		211		
	4.330		419			4.580		421		
4	13.613	4.539		1704		14.372	4.791		1707	
	4.569		215			4.813		214		
	4.354		211			4.599		213		
	4.143		426			4.386		427		
5	13.066	4.355		2130		13.798	4.599		2134	
		22,575					23,857			

F.B. 1362, P.G. 107

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:45 TO 10:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-6 To B.M. 41-5
Date 8-5-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.447	22.575	215	2.137		5288	23.857	218	2.134	
	4.232		212			5,070		217		
	4.020		427			4.853		435		
6	12.699	4.233		2.560		15,211	5.070		2.569	
	4940		216			4.803		213		
	4.724		214			4.590		211		
	4.510		430			4.379		424		
7	14.174	4.725		2.990		13.772	4.591		2.993	SUMMATION OF RUN
	4.501		212			4941		210		B.M. 41-6 TO B.M. 41-5
	4.289		214			4.731		211		TOTAL BACKSIGHTS +43.773
	4.075		426			4.520		421		TOTAL FORESIGHTS -48.529
8	12.865	4.288		3.416		14.192	4.731		3.414	DIFF IN ELEVATION - 4.756
	3.991		212			4899		209		
	3.779		210			4.690		211		
	3.569		422			4.479		420		
9	11.339	3.780		3.835		14.068	4.689		3834	
	4.386		215			5.802		211		B.M. 41-5
	4.171		212			5.591		212		NORWALK BLVD. & ARTESIA BLVD
	3.959		427			5.379		423		SEE F.B. 1363-11
10	12.516	4.172		4.262	72°	16.772	5.591		4.257	FOR DESCRIPTION
		43.773					48.529			

F.B. 1363 P.G. 108

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G F DREIER Time 10:15 TO 10:52 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 030102
From B.M. 41-5 To B.M. 41-6
Date 8-5-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.840		213		#5	4.423		213		B.M. 41-5
	5.627		211			4.210		213		NORWALK BLVD & ARTESIA BLVD
	5.416					3.997				SEE F.B. 343-11
1	16.883	5.628	424	424	72°	12.630	4.210	426	426	FOR DESCRIPTION
	5.619		212			4.711		211		
	5.407		209			4.500		211		E. LANOA
	5.195		421			4.289		422		
2	16.221	5.408		845		13.500	4.500		848	
	5.270		212			4.832		214		
	5.058		210			4.618		214		
	4.848		422			4.404		428		
3	15.176	5.059		1267		13.854	4.618		1276	
	5.146		214			5.284		216		
	4.932		212			5.068		216		
	4.720		426			4.852		432		
4	14.798	4.933		1693		15.204	5.068		1728	
	5.598		218			4.758		216		
	5.380		214			4.542		212		
	5.166		432			4.330		428		
5	16.144	5.381		2125		13.630	4.543		2136	
		26.409					22.939			

F.B. 1363 PG. 108

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR & T Inst. No. 57010
Notes by G.E. DREIER Time 10:15 To 10:50 Rod No. 5.56

Name L. A. CO. PRECISE LEVEL NET
Job No 0301-02
From B.M. 41-5 To B.M. 41-6
Date 3-5-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.125	26.409	2.14	2.125		4.880	2.339	2.10	2.136	
	4.911		2.12			4.670		2.10		
	4.699		4.26			4.460		4.20		
6	14.735	4.912		2.551		14.010	4.670		2.556	
	5.138		2.10			4.884		2.06		
	4.928		2.11			4.678		2.07		
	4.717		4.21			4.469		4.13		
7	14.783	4.928		2.972		14.031	4.677		2.971	SUMMATION OF RUN
	5.246		2.12			4.873		2.11		B.M. 41-5 TO B.M. 41-6
	5.034		2.10			4.662		2.09		TOTAL BACKSIGHTS + 51.803
	4.824		4.22			4.453		4.20		TOTAL FORESIGHTS - 47.057
8	15.104	5.035		3.394		13.988	4.663		3.391	DIFF. IN ELEVATION + 4.746
	5.310		2.24			4.678		2.23		
	5.086		2.25			4.455		2.21		
	4.861		4.49			4.234		4.44		
9	15.257	5.086		3.843		13.367	4.456		3.835	
	5.643	16.930	2.10			5.861		2.09		B.M. 41-6
	5.433		2.10			5.652		2.10		NORWALK BLVD. & CEDARVALE ST.
	5.223		4.20			5.442		4.19		SEE F.B. 1363-12
10	16.299	5.433		4.263		16.955	5.652		4.254	FOR DESCRIPTION
		51.803					47.057			

F.B. 1363 P.G. 110

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by E. Landa Time 2:30 To 3:15 Rod No. 5E6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-6 To B.M. 41-7
Date 7-28-54
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6122		211		#5	4785		212		B.M. 41-6
	5911		211			4573		210		Norwalk Blvd. & Cedarvale St
	5700		422			4363		422		See F.B. 1363-12
1	17733	5.911		422	89°	13721	4.574		422	for description
	5260		212			4558		211		
	5048		211			4347		210		G.E. Dreier
	4837		423			4137		421		
2	15145	5.048		845		13042	4.347		843	
	5451		211			4478		213		
	5240		210			4265		212		
	5030		421			4053		425		
3	15721	5.240		1266		12796	4.265		1268	
	5210		211			4341		210		
	4999		211			4131		209		
	4788		422			3922		419		
4	14997	4.999		1688		12394	4.131		1687	
	5067		211			4636		211		
	4856		212			4425		211		
	4644		423			4214		422		
5	14567	4.856		2111		13275	4.425		2109	
	26.054					21.742				

F.B. 1363 P.G. 111

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by E. Landa Time 2:30 To 3:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-6 To B.M. 41-7
Date 7-28-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5393	26.054	213	21~~09~~ 11		4323	21.742	210	21~~11~~ 09	
	5180		209			4113		210		
	4971		422			3903		420		
6	15544	5.181		253 3		12339	4.113		25~~31~~ 29	
	5308		217			4278		215		
	5091		213			4063		212		
	4878		430			3851		427		
7	15277	5.092		296 3		12192	4.064		295~~8~~ 6	
	4917		179			3893		173		B.M. 41-7
	4738		179			3720		172		Norwalk Blvd. & Pondra Blvd
	4559		358			3548		345		See F.B. 1363-13
8	14214	4.738		33~~19~~ 21	90°	11161	3.720		330~~3~~ 1	for description
										Summation of Run B.M. 41-6 To B.M. 41-7
										Total Backsights = +41.065
										Total Foresights = -33.639
										Diff. in Elev. = + 7.426
		41.065					33.639			

F.B. 1363 P.G. 112

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by E. Landa Time 11:15 To 11:40 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 41-7 To B.M. 41-6
Date 7-30-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3928		175		#5	4947		178		B.M. 41-7 (ARTESIA D-2)
	3753		173			4769		177		NORWALK BLVD & A LONORA BLVD
	3580		348 ✓			4592		355 ✓		SEE F.B. 1363-13
1	11261 ✓	3.754 ✓		348 ✓	89°	14308 ✓	4.769 ✓		355 ✓	FOR DESCRIPTION
	4271		212			5307		217		
	4059		212			5090		218		⊼ G. E. DREIER
	3847		424 ✓			4872		435 ✓		
2	12177 ✓	4.059 ✓		772 ✓		15269 ✓	5.090 ✓		790 ✓	
	4379		209			5447		214		
	4170		211			5235		213		
	3959		420 ✓			5022		427 ✓		
3	12508 ✓	4.169 ✓		1192 ✓		15706 ✓	5235 ✓		1217 ✓	
	4607		208			5042		212		
	4399		210			4830		212		
	4189		418 ✓			4618		424 ✓		
4	13195 ✓	4.398 ✓		1610 ✓		14490 ✓	4.830 ✓		1641 ✓	
	4408		211			5298		212		
	4197		209			5066		213		
	3988		420 ✓			4853		425 ✓		
5	12593 ✓	4.198 ✓		2030 ✓		15197 ✓	5.066 ✓		2066 ✓	
		20.578 ✓					24.990 ✓			

F.B. 1363 PG. 113

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Clear Inst. No. 50910
Notes by E. Landa Time 11:15 To 11:40 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-7 To B.M. 41-6
Date 7-30-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4559	20.578	217	2030		5530	22.793	209	2066	
	4342		214			5321		208		
	4128		431			5113		417		
6	13029	4.343		2461		15964	5.321		2483	
	4549		212			5240		210		
	4337		214			5030		211		
	4123		426			4819		421		
7	13009	4.336		2884		15089	5.030		2904	
	4749		219			6072		207		B.M. 41-6
	4528		217			5865		204		NORWALK BLVD & CEDARVALE
	4311		436			5661		411		SEE F.B. 1363-12
8	13586	4.529		3323		16598	5.866		3315	FOR DESCRIPTION
						9				
										SUMMATION OF RUN
										B.M. 41-7 TO B.M. 41-6
										TOTAL BACKSIGHTS + 33.786
										TOTAL FORESIGHTS - 41.207
										DIFF IN ELEVATION - 7.421
		33.786					41.207			

F.B. 1363 P.G. 114

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 3:15 TO 3:50 Rod No. 58

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-7 To B.M. 41-8
Date 7-28-54
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.332		210		45	4.491		213		B.M. 41-7
	5.122		210			4.278		212		NORWALK BLVD. & ALONDRA BLVD.
	4.912		420			4.066		425		SEE F.B. 1363-13
1	15.366	5.122		420	90°	12.835	4.278		425	FOR DESCRIPTION
	5.398		211			4.598		216		
	5.187		211			4.382		212		E. LA JOA
	4.976		422			4.170		428		
2	15.561	5.187		842		13.150	4.383		853	
	5.513		211			4.684		215		
	5.302		213			4.469		212		
	5.089		424			4.257		427		
3	15.904	5.301		1.266		13.410	4.470		1.280	
	5.847		215			4.881		211		
	5.632		211			4.670		211		
	5.421		426			4.459		422		
4	16.900	5.633		1.692		14.010	4.670		1.702	
	5.872		210			4.546		216		
	5.662		212			4.330		212		
	5.450		422			4.118		428		
5	16.984	5.661		2.114		12.394	4.131		2.130	
		26.904					21.932			

F.B. 1363 P.G. 115

76P526 S & E #378 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE - SW Inst. No. 5001
Notes by G. E. DREIER Time 3:15 TO 3:50 Rod No. 596

Name L. A. CO. PRECISE LEVEL NET
Job No. C 3010 2
From B.M. 41-7 To B.M. 41-8
Date 7-28-54
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5617	26.904	211	2.114		4310	21.932	212	2.130	
	5,406		212			4.098		211		
	5194		423			3.888		423		
6	16.217	5.406		2.537		12.296	4.099	2	2.553	
	6.290		211			5.064		207		Summation of Elev
	6.079		209			4.857		207		B.M. 41-7 To B.M. 41-8
	3.512		420			4.650		414		
7	15.821	6.080		2.955		14.571	4.857		2.721	6
	5.629		211			5.230		209		Total Backsights = + 54.028
	5.418		209			5.021		210		Total Foresights = - 45.992
	5.209		420			4.811		419		Diff. in Elev = + 8.036
8	16.256	5.419		3.375		15.062	5.021		3.238	5
	5.631		151			5.269		150		
	5.480		150			5.119		149		
	5.330		301			4.970		299		
9	16.441	5.480		3.676		15.358	5.119		3.685	4
	4.911		171			5.109		145		B.M. 41-8
	4.740		174			4.964		144		NORWALK BLVD. & EXCELSIOR DR.
	4.566		345			4.820		289		SEE F.B. 1363-14
10	14.217	4.739		4.021	90	14.093	4.698		3.977	3 FOR DESCRIPTION
		54.028					45.992			

F.B. 1363 P.G. 116

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 11:10 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-8 To B.M. 41-7
Date 7-30-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.144		152		#5	4.932		168		B.M. 41-8
	4.992		149			4.764		165		NORWALK BLVD. & EXCELSCIOR DR.
	4.843		301			4.599		333		SEE F.B. 1363-14
1	14.979	4.993		301	85°	14.295	4.765		.333	FOR DESCRIPTION
	5.242		149			5.607		150		
	5.093		149			5.457		150		⊼ E. LANDA
	4.944		298			5.307		300		
2	15.279	5.093		599		16.371	5.457		.633	
	5.212		213			5.605		207		
	4.999		211			5.398		203		
	4.787		424			5.195		410		
3	14.998	4.999	5	1.024		16.198	5.399		1.043	
	5.090		207			6.320		209		
	4.883		204			6.111		209		
	4.679		411			5.902		418		
4	14.652	4.884		1.435		18.333	6.111		1.461	
	4.305		214			5.513		210		
	3.991		211			5.303		207		
	3.780		425			5.096		417		
5	11.976	3.992		1.860		15.912	5.304		1.878	
		23.961					27.036			

F.B. 1363 P.G. 112

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 11:10 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-8 To B.M. 41-7
Date 7-30-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.352	23.961	212	1.859 60		5.880	29.036	211	1.878	
	4.140		212			5.669		210		
	3.928		424			5.459		421		
6	12.420	4.140		2.283 4		17.008	5.669		2.299	
	4.881		210			5.848		216		
	4.671		211			5.632		212		
	4.460		421			5.420		428		
7	14.012	4.671		2.704 5		16.900	5.633		2.727	SUMMATION OF RUN
	4.605		215			5.438		213		B.M. 41-8 TO B.M. 41-7
	4.390		212			5.225		210		TOTAL BACKSIGHTS +45.817
	4.178		427			5.015		423		TOTAL FORESIGHTS -53.866
8	13.173	4.391		3.132		15.678	5.226		3.150	DIFF IN ELEVATION - 8.049
	4.410		213			5.214		213		
	4.197		210			5.001		210		
	3.987		423			4.79[illegible]		423		
9	12.594	4.198		3.554 5		15.006	5.[illegible]2		3.573	
	4.671		216			5.508		209		B.M. 41-9
	4.455		214			5.299		206		NORWALK BLVD. & ALONDRA BLVD
	4.241		430			5.093		415		SEE F.B. 1363-15
10	13.367	4.456		3.984 5		15.900	5.300		3.988	FOR DESCRIPTION
		45.817					53.266			

F.B. 1363 P.G. 118

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 11:10 TO 11:40 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 41-8 To B.M. 41-7
Date 8-3-54
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.126		.153		#5	4.911		.163		B.M. 41-8
	4.973		.151			4.748		.166		NORWALK BLVD. & EXCELSIOR DR.
	4822		304			4582		329		SEE F.B. 1363-14
1	14.921	4.974		.304	73°	14.241	4.747		.329	FOR DESCRIPTION
	5.166		.149			5.530		.151		
	5.017		.149			5.379		150		
	4868		298			5.229		301		T E LANDA
2	15.051	5.017		.602		16.138	5.379		630	
	5.143		.212			5.539		.209		
	4.931		.210			5.330		208		
	4.721		422			5.122		417		
3	14.795	4.932		1024		15.991	5.330		1.047	
	5.057	14.923	.215			6.275	15.456	.205		
	4.842		.211			6.070		203		
	4631		426			5.867		408		
4	14.530	4.843		1.450		18.212	6.071		1.455	
	4.285		.214			5.592		.210		
	4.071		.210			5.382		.209		
	3.861		424			5173		419		
5	12.217	4.072		1.874		16.147	5.382		1.874	
		23.838					26.909			

F.B. 1363 P.G. 112

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 11:10 TO 11:40 Rod No. 526

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-B To B.M. 41-7
Date 8-3-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.398	23.838	.216	1.874		5.925	26.709	.211	1.874	
	4.182		.212			5.714		.211		
	3.970		428			5.628		423		
6	12.550	4.183		2.302		17.142	5.714		2.296	
	4.902		.212			5.867		.215		
	4.690		.211			5.652		.213		
	4.479		423			5.439		428		SUMMATION OF RUN
7	14.071	4.690		2.725		16.958	5.653		2.724	B.M. 41-B TO B.M. 41-7
	4.620		.215			5.451		.213		TOTAL BACKSIGHTS + 46.271
	4.405		.214			5.238		.212		TOTAL FORESIGHTS - 54.315
	4.191		429			5.026		425		DIFF. IN ELEVATIONS - 8.044
8	13.216	4.405		3.154		15.715	5.238		3.149	
	4.668	37.116	.213			5.470	43.914	.210		
	4.455		.213			5.260		.210		
	4.242		426			5.050		420		
9	13.365	4.455		3.580		15.780	5.260		3.569	
	4.911		.212			5.753		.213		B.M. 41-7
	4.699		.209			5.540		.211		NORWALK BLVD. & ALONDRA BLVD.
	4.490		421			5.329		424		SEE F.B. 1363-13
10	14.100	4.700		4.001		16.622	5.541		3.993	FOR DESCRIPTION
		46.271					54.315			

F.B. 1363 P.G. 120

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No 50010
Notes by G. E DREIER Time 9:00 TO 9:50 Rod No 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No 0301.02
From B.M. 41-8 To B.M. 41-9
Date 7-30-54
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.802		220		#5	4.912		244		B.M. 41-8 BLVD.
	6.582		219			4.668		245		NORWALK BLVD. & EXCELSCIOR
	6.363		439 ✓			4.423		489 ✓		SEE F.B. 1363-14
1	19.747 ✓	6.582 ✓		439 ✓	81°	14.003 ✓	4.668 ✓		489 ✓	FOR DESCRIPTION
	5.859		216			5.031		207		E. LANDA
	5.643		212			4.824		205		
	5.431		428 ✓			4.619		412 ✓		
2	16.933 ✓	5.644 ✓		867 ✓		14.474 ✓	4.825 ✓		901 ✓	
	5.877		214			4.970		209		
	5.663		211			4.761		207		
	5.452		425 ✓			4.554		416 ✓		
3	16.992 ✓	5.664 ✓		1292 ✓		14.285 ✓	4.762 ✓		1317 ✓	
	6.038		210			4.850		210		
	5.828		209			4.620		209		
	5.619		419 ✓			4.411		419 ✓		
4	17.485 ✓	5.828 ✓		1711 ✓		13.861 ✓	4.620 ✓		1736 ✓	
	6.030		209			4.553		213		
	5.821		211			4.337		213		
	5.610		420 ✓			4.124		426 ✓		
5	17.461 ✓	5.820 ✓		2131 ✓		13.011 ✓	4.337 ✓		2162 ✓	
		29.538 ✓					23.212 ✓			

F.B. 1363 P.G. 121

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 9:50 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-8 To B.M. 41-9
Date 7-30-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6293	29.537	212	2.131		4.439	23.312	209	2.162	
	6.081	8	209			4.230		205		
	5.872		421			4.025		414		
6	18.246	6.082		2.552		12.694	2.231		2576	
	6.524		212			4.309		209		
	6312		211			4.100		208		
	6101		423			3.892		417		
7	18.937	6.312		2.975		12.301	4.100		2.993	
	6.905		209			3.839		210		
	6.696		209			3.629		210		
	6487		418			3.419		420		
8	20.088	6.696		3.393		10.887	3.629		3.413	
	4.903		193			5.350		180		B.M. 41-9
	4.710		195			5.170		179		NORWALK BLVD & ROSECRANS AVE
	4.515		388			4.991		359		SEE F.B. 1363-15
9	18.128	4.709		3.781		15.511	5.170		3.772	FOR DESCRIPTION
	4									SUMMATION OF RUN
										B.M. 41-8 TO B.M. 41-9
										TOTAL BACKSIGHTS +53.338
										TOTAL FORESIGHTS - 40.342
										DIFF IN ELEVATION +12.996
		53.338					40.342			

F.B. 1363 P.G. 122

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G E DREIER Time 9:55 TO 10:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 41-9 To B.M. 41-8
Date 7-30-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5316		186		#5	4919		189		B.M. 41-9
	5190		187			4.730		190		NORWALK BLVD & ROSECRANS
	5003 ✓		373 ✓			4,540		379 ✓		SEE F.B. 1363-15
1	15.569 ✓	5.190 ✓		373 ✓	85°	14.189 ✓	4.730 ✓		379 ✓	FOR DESCRIPTION
	3.805		210			6.879		211		
	3,595		207			6.668		209		⊼ E. LANDA
	3.388 ✓		417 ✓			6,459 ✓		420 ✓		
2	10.788 ✓	3.596 ✓		.790 ✓		20.006 ✓	6.669 ✓		.799 ✓	
	4277		207			6491		212		
	4070		208			6279		210		
	3862		415 ✓			6069		422 ✓		
3	12.209 ✓	4.070 ✓		1.205 ✓		18839 ✓	6.280 ✓		1.221 ✓	
	4.491		207			6350		211		
	4.284		205			6,139		210		
	4.079		412 ✓			5.929 ✓		421 ✓		
4	12.854 ✓	4.285 ✓		1.617 ✓		18.418 ✓	6.139 ✓		1.642 ✓	
	4525		214			6008		210		
	4.311		210			5.790		209		
	4.101		424 ✓			5.581 ✓		419 ✓		
5	12.937 ✓	4.312 ✓		2.041 ✓		17.371 ✓	5.790 ✓		2.061 ✓	
	21.453 ✓					29608 ✓				

F.B. 1363 P.G. 123

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE SUN Inst. No 50010
Notes by G. E DREIER Time 9:55 TO 10:30 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 41-9 To B.M. 41-8
Date 7-30-54
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.783	21.453 ✓	211	2.041 ✓		5.993	29.608 ✓	210	2.661 ✓	
	4.572		210			5.780		209		
	4.362		421 ✓			5.571		419 ✓		
6	13.717	4.572 ✓		2.462 ✓		17.341	5.780 ✓		2.480 ✓	
	4.938		213			5.833		209		
	4.725		211			5.624		205		
	4.514		424 ✓			5.419		414 ✓		
7	14.177	4.726 ✓		2.986 ✓		16.876 ✓	5.625 ✓		2.820 ✓	
	5.063		212			5.885		208		
	4.851		210			5.677		209		
	4.641		422 ✓			5.468		417 ✓		
8	14.555 ✓	4.852 ✓		3.308 ✓		17.030 ✓	5.677 ✓		3.311 ✓	
	4.916		231			6.828		231		B.M. 41-8
	4.685		229			6.597		230		NORWALK BLVD & EXCELSIOR DR.
	4.456		460 ✓			6.367		461 ✓		
9	14.057 ✓	4.686 ✓		3.768 ✓		19.792 ✓	6.597 ✓		3.772 ✓	
										SUMMATION OF RUN
										B.M. 41-9 TO B.M. 41-8
										TOTAL BACKSIGHTS + 40.289 ✓
										TOTAL FORESIGHTS - 53.287 ✓
		40.289 ✓					53.287 ✓			DIFF IN ELEVATION - 12.998 ✓

F.B. 1363 P.G. 124

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 1:30 To 2:35 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-9 To B.M. 2-8
Date 8-3-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.912		.208		#5	5.068		.211		B.M. 41-9
	6.704		.206			4.877		.208		NORWALK BLVD. & ROSECRANS AVE.
	6.498 ✓		.414 ✓			4.669 ✓		.419 ✓		SEE F.B. 1363-15
1	20.114 ✓	6.705 ✓		.414 ✓	79°	14.634 ✓	4.878 ✓		.419 ✓	FOR DESCRIPTION
	5.181		.203			5.102		.211		
	4.973		.206			4.891		.212		
	4.767 ✓		.414 ✓			4.679 ✓		.423 ✓		⊼ E. LANDA
2	14.921 ✓	4.974 ✓		.828 ✓		14.672 ✓	4.891 ✓		.842 ✓	
	4.021		.207			4.173		.212		
	3.814		.206			3.961		.208		
	3.608		.413 ✓			3.753		.420 ✓		
3	11.443 ✓	3.814 ✓		1.241 ✓		11.887 ✓	3.962 ✓		1.262 ✓	
	5.650	5.493 ✓	.210			5.130	13.731 ✓	.210		
	5.440		.209			4.920		.208		
	5.231 ✓		.419 ✓			4.712 ✓		.418 ✓		
4	16.321 ✓	5.440 ✓		1.660 ✓		14.762 ✓	4.921 ✓		1.680 ✓	
	4.910		.214			4.753		.205		
	4.696		.216			4.548		.208		
	4.480 ✓		.430 ✓			4.340 ✓		.413 ✓		
5	14.086 ✓	4.695 ✓		2.090 ✓		13.641 ✓	4.547 ✓		2.093 ✓	
		25.628 ✓					23.199 ✓			

F.B. 1363 P.G. 125

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 1:30 TO 2:35 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-9 To B.M. 2-8
Date 8-3-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.932	25.628	.206	2.090		4.443	23.199	.209	2.093	
	5.726		.205			4.234		.206		
	5.521		.411			4.028		.415		
6	17.179	5.726		2.501		12.705	[illegible]		2.508	
	6.076		.217			5.804		.212		
	5.859		.213			5.592		.211		
	5.646		.430			5.381		.423		
7	17.581	5.860		2.931		16.777	5.592		2.931	
	6.012		.209			4.646		.215		
	5.803		.206			4.431		.211		
	5.597		.415			4.220		.426		
8	17.412	5.804		3.346		13.297	4.432		3.357	
	5.449	43.018	.173			2.829	37.468	.177		
	5.276		.172			2.652		.173		
	5.104		.345			2.479		.350		
9	15.829	5.276		3.691		7.960	2.653		3.707	
										B.M. 2-7 (U.S. 2690 V-98) FRONT ST. & CLARKSDALE SEE F.B. 1203-13 FOR DESCRIPTION
		48.294					40.+~~21~~ 111			

F.B. 1363 P.G. 126

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 1:30 TO 2:35 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 41-9 To B.M. 2-8
Date 8-3-54
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.712	48.294	.130	3.691		5.090	40.121	.131	3.707	SUMMATION OF RUN
	2.582		.130			4.959		.131		
	2.452		.260			4.828		.262		TOTAL BACKSIGHTS + 67.025
10	7.746	2.582		3.951		14.877	4.959		3.969	TOTAL FORESIGHTS - 57.576
	5.587		.196			5.218		.201		DIFF. B.M. 41-9 TO B.M. 2-8 9.449
	5.391		.197			5.017		.200		" B.M. 41-9 TO B.M. 2-7 +8.173
	5.192		.393			4.817		.401		" B.M. 2-7 TO B.M. 2-8 +1.276
11	16.170	5.390		4.346		15.052	5.017		4.370	
	5.553		.196			5.333		.183		
	5.357		.197			5.150		.192		
	5.160		.393			4.968		.375		
12	16.070	5.357		4.739		15.451	5.150		4.735	
	5.492		.091			2.414		.085		B.M. 2-8 (0.5268' U-98)
	5.401		.089			2.329		.084		FIRESTONE BLVD. & SAN ANTONIO DR.
	5.312		.180			2.245		.169		SEE F.B. 1203-14
13	16.205	5.402		4.919		6.988	2.329		4.904	FOR DESCRIPTION
										F.B. 1363 P.G. 127
		67.025					57.576			

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS

F.B. 1363 P.G. 128

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 2:40 TO 3:30 Rod No. 596

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 2-8 To B.M. 41-9
Date 8-3-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.418		.087		#5	5.497		.088		B.M. 2-8 (U.S. 2689 U-98)
	2.331		.084			5.409		.089		FIRESTONE BLVD & SAN ANTONIO DR.
	2.247		.171			5.320		.177		SEE F.B. 1203-14
1	6.996	2.332		.171		16.226	5.409		.177	FOR DESCRIPTION
	5.228		.188			5.437		.195		
	5.040		.189			5.242		.191		
	4.851		.377			5.051		.386		T. E. LANDA
2	15.119	5.040		.548		15.730	5.243		.563	
	5.199		.201			5.572		.195		
	4.998		.198			5.377		.197		
	4.800		.399			5.180		.392		
3	14.997	4.999		.947		16.129	5.376		.955	
	5.097	12.371	.133			2.724	16.028	.134		
	4.964		.132			2.590		.130		
	4.832		.265			2.460		.264		
4	14.893	4.964		1.212		7.774	2.591		1.219	
										B.M. 2-7 (U.S. 2690 V-98)
										FRONT ST. & CLARKSDALE
										SEE F.B. 1203-13
										FOR DESCRIPTION
		17.335					18.619			

F.B. 1363 P.G. 129

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 2:40 To 3:30 Rod No. 516

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. Z-8 To B.M. 41-9
Date 8-3-54
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.762	17.335	.173	1.212		5.390	15.619	.171	1.219	
	2.589		.170			5.219		.171		
	2.419		.345			5.048		.342		
5	7.770	2.590		1.555		15.657	5.219		1.561	
	4.663		.212			6.036		.213		
	4.451		.212			5.823		.209		
	4.239		.424			5.614		.422		
6	13.353	4.451		1.979		17.473	5.824		1.983	
	5.729		.215			5.993		.214		
	5.514		.212			5.779		.210		
	5.302		.427			5.569		.424		
7	16.545	5.515		2.406		17.341	5.780		2.407	
	4.463	29.891	.209			5.951	35.442	.205		
	4.254		.206			5.746		.206		
	4.048		.415			5.540		.411		
8	12.765	4.255		2.821		17.237	5.746		2.818	
	4.751		.211			4.896		.214		
	4.540		.211			4.682		.211		
	4.329		.422			4.471		.425		
9	13.620	4.540		3.243		14.049	4.683		3.243	
		38.686					45.371			

F.B. 1363 P.G. 130

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 2:40 TO 3:30 Rod No. 58 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 2-8 To B.M. 41-9
Date 8-3-54
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.092	38.686	.208	3.243		5.612	45.871	.211	3.243	
	4.884		.205			5.401		.209		
	4.679		413			5.192		420		SUMMATION OF RUN
10	14.655	4.885		3.656		16.205	5.402		3.663	TOTAL BACKSIGHTS + 57.839
	4.190		.212			4.033		.206		TOTAL FORESIGHTS - 67.301
	3.978		.210			3.827		.207		DIFF. B.M. 2-8 TO B.M. 41-9 -9.462
	3.768		422			3.620		413		" B.M. 2-8 TO B.M. 2-7 -1.284
11	11.936	3.979		4078		11.480	3.827		4076	" B.M. 2-7 TO B.M. 41-9 -8.178
	5.574		.210			5.658		.209		
	5.364		.210			5.449		.210		
	5.154		420			5.239		419		
12	16.092	5.364		4498		16.346	5.449		4495	
	5.134		.210			6.961		.209		B.M. 41-9
	4.924		.206			6.752		.209		NORWALK BLVD. & ROSECRANS AVE.
	4.718		416			6.543		418		SEE F.B. 1363-15
13	14.776 / 6	4.925		4914	78°	20.256	6.752		4913	FOR DESCRIPTION
										F.B. 1363 P.G. 131
	57.839					67.301				

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS

F.B. 1363 P.G. 132

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 8:30 TO 9:00 Rod No. 596

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 2-7 To B.M. 2-8
Date 8-4-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.682		.131		#5	5.061		.132		B.M. 2-7 (U.S. 2690 V-98)
	2.551		.129			4.929		.134		FRONT ST. & CLARKSDALE AVE.
	2.422		.260 ✓			4.795		.266 ✓		SEE F.B. 1203-13
1	7.655 ✓	2.552 ✓		.260 ✓	71°	14.785 ✓	4.928 ✓		.266 ✓	FOR DESCRIPTION
	5.651		.198			5.272		.200		T. E. LANDA
	5.453		.196			5.072		.200		
	5.257		.394 ✓			4.872		.400 ✓		
2	16.361 ✓	5.454 ✓		.654 ✓		15.216 ✓	5.072 ✓		.666 ✓	SUMMATION OF RUN
	5.497		.195			5.285		.187		B.M. 2-7 TO B.M. 2-8
	5.302		.191			5.098		.188		TOTAL BACKSIGHTS + 18.684 ✓
	5.111		.386 ✓			4.910		.375 ✓		TOTAL FORESIGHTS - 17.399 ✓
3	15.910 ✓	5.305 ✓		1.040 ✓		15.293 ✓	5.098 ✓		1.041 ✓	DIFF. IN ELEVATIONS + 1.285 ✓
	5.463		.089			2.387		.086		B.M. 2-8 (U.S. 2689 V-98)
	5.374		.086			2.301		.085		FIRESTONE BLVD. & SAN ANTONIO DR.
	5.288		.175 ✓			2.216 ✓		.171 ✓		SEE F.B. 1203-14
4	16.125 ✓	5.375 ✓		1.215 ✓		6.904 ✓	2.301 ✓		1.212 ✓	FOR DESCRIPTION

F.B. 1363 P.G. 133

18.684 ✓ 17.399 ✓

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 1363 P.G. 134

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Overcast Inst. No. 50010
Notes by E. Landa Time 9:10 To 9:30 Rod No. 5E-

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 2-7 To B.M. 2-5
Date 8-4-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2740		173		#4	5362		172		B.M. 2-7 (El. 269 V-95)
	2567		175			5194		170		Front St. & Glendale Ave
	2392		348 ✓			5024		342 ✓		See F.B. 1203-15
1	7699 ✓	2.566 ✓		348 ✓	72°	15580 ✓	5.195 ✓		342 ✓	for description
	4711		211			6080		208		
	4500		210			5872		207		↑ G.E. Dreier
	4290		1421 ✓			5665		1415 ✓		
2	13501 ✓	4.500 ✓		769 ✓		17617 ✓	5.872 ✓		757 ✓	
	5282		210			5727		210		
	5072		210			5517		208		
	4862		1420 ✓			5309		1418 ✓		
3	15216 ✓	5.072 ✓		1189 ✓		16553 ✓	5.518 ✓		1175 ✓	
	5167		211			5673		207		
	4956		209			5471		206		
	4747		1420 ✓			5265		1413 ✓		
4	14870 ✓	4.957 ✓		1609 ✓		16414 ✓	5.471 ✓		1588 ✓	
	5719		190			4976		178		
	5529		189			4798		179		
	5340		3791			4619		357 ✓		
5	16588 ✓	5.529 ✓		1988 ✓		14393 ✓	4.798 ✓		1945 ✓	
	22.624 ✓					26.854 ✓				

F.B. 1363 P.G. 135

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Overcast Inst. No. 50010
Notes by E. Landa Time 9:10 To 9:30 Rod No. 5E6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0361.02
From B.M. 2-7 To B.M. 2-5
Date 8-4-54
Indexed A. C. Johnson

F.B. 1363 P.G. 136

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
		22.624 ✓		1938 ✓			22.354 ✓		1945 ✓	B.M. 2-6 (State 22-B-41) Norwalk Blvd. & Firestone Blvd. See F.B. 1203-12 for description
	4525		183			5181		183		
	4342		180			4998		181		Summation of Run
	4162		363 ✓			4817		364 ✓		B.M. 2-7 To B.M. 2-5
6	13029 ✓	4.343 ✓		2351 ✓		14996 ✓	4.999 ✓		2309 ✓	
	5798		206			5623		216		Total Backsights = +36.374 ✓
	5592		204			5407		215		Total Foresights = -42.020 ✓
	5388		410 ✓			5192		431 ✓		Diff. in Elev. = -5.646 ✓
7	16778 ✓	5.593 ✓		2761 ✓		16222 ✓	5.407 ✓		2740 ✓	B.M. 2-7 To B.M. 2-6 = -4.230
	4060		246			5008		248		" 2-6 To " 2-5 = -1.416
	3814		246			4760		248		B.M. 2-5 (U.S. 41) (S-33)
	3568 ✓		492 ✓			4512 ✓		496 ✓		See F.B. 1203-11
8	11442 ✓	3.814 ✓		3253 ✓		14280 ✓	4.760 ✓		3236 ✓	for description
		36.374 ✓					42.020 ✓			

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 5001.0
Notes by A. D. SMITH Time 9:45 TO 10:10 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 2-5 To B.M. 2-7
Date 2-4-54
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.111		.246		65	4.161		.248		B.M. 2-5 (U.S. 41 S-33)
	4.865		.245			3.913		.245		FRONT ST. &
	4.620		.491			3.668		.493		SEE F.B. 1203-11
1	14.596	4.865		.491		11.742	3.914		.493	FOR DESCRIPTION
	5.593		.211			5.780		.209		
	5.387		.211			5.571		.208		
	5.176		.422			5.363		.417		⊼ G.E. DREIER
2	16.161	5.387		.913		16.714	5.571		.910	
	5.616		.185			4.955		.182		
	5.431		.184			4.773		.181		
	5.247		.369			4.592		.363		
3	16.294	5.431		1.282		14.320	4.773		1.273	
		15.683					14.258			
										B.M. 2-6 (STATE 5.M.22B-4)
										(FIRESTONE BLVD & ALAMEDA AVE.)
										SEE F.B. 1203-12
										FOR DESCRIPTION
	4.898		.181			5.638		.188		
	4.717		.180			5.450		.188		
	4.537		.361			5.262		.376		
4	14.152	4.717		1.643		16.350	5.450		1.649	
		20.400					19.708			

F.B. 1363 P.G. 137

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 5001D
Notes by A. D. SMITH Time 7:45 TO 10:10 Rod No. 596

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301,02
From B.M. 2-5 To B.M. 2-7
Date 8-4-34
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.686	20.400	208	1.643		5.172	19.708	211	1.649	
	5.478		207			4.961		209		
	5.241		201			4.752		200		
5	16.435	5.478	616	2058		14.885	4.962	620	2069	SUMMATION OF 200
	5.753		209			5.313		210		TOTAL BACKSIGHTS 42.349
	5.544		210			5.103		210		TOTAL FORESIGHTS 36.694
	5.334		199			4.893		210		DIFF. 2-5 TO 2-7 + 5.655
6	16.631	5.544	618	2477		15.309	5.103	630	2489	" 2-5 TO 2-6 + 1.425
	5.003		206			4.632		212		" 2-6 TO 2-7 + 4.230
	4.795		207			4.420		210		
	4.588		207			4.210		210		
7	14.386	4.795	620	2892		13.262	4.421	632	2911	
	5.307		176			2.670		170		B.M. P.V (U.S. 2690 V-98)
	5.131		174			2.500		170		FRONT OF RETAINING WALL AT
	4.957		350			2.330		340		SEE F.B. 1203-13
8	15.395	5.132	700	3242		7.500	2.500	680	3251	FOR DESCRIPTION

F.B. 1363 P.G. 138

42.349 36.941

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 10:20 To 10:40 Rod No. 5#6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 2-5 To B.M. 2-6
Date 8-4-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.037		.248		#5	4.084		.246		B.M. 2-5 (U.S. 41 S-33)
	4.789		.247			3.838		.247		FRONT ST. ±
	4.542		.495 ✓			3.591 ✓		.493 ✓		SEE F.B. 1203-11
1	14.368 ✓	4.789 ✓		.495 ✓		11.513 ✓	3.838 ✓		.493 ✓	FOR DESCRIPTION
	5.582		.211			5.766		.208		
	5.371		.211			5.558		.207		± G. E. DREIER
	5.160		.422 ✓			5.351 ✓		.415 ✓		
2	16.113 ✓	5.371 ✓		.917 ✓		16.675 ✓	5.558 ✓		.908 ✓	
	5.483		.182			4.826		.184		B.M. 2-6 (STATE B.M. 22-B-41)
	5.301		.182			4.642		.182		FIRESTONE BLVD. & NORWALK BLVD.
	5.119		.364 ✓			4.460		.366 ✓		SEE F.B. 1203-12
3	15.903 ✓	5.301 ✓		1.281 ✓		13.928 ✓	4.643 ✓		1.274 ✓	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 2-5 TO B.M. 2-6
										TOTAL BACKSIGHTS + 15.461 ✓
										TOTAL FORESIGHTS - 14.039 ✓
										DIFF. IN ELEVATION + 1.422 ✓
	15.461 ✓					14.039 ✓				F.B. 1203 P.G. 37

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 10:45 TO 11:20 Rod No. 576

Name L. A. CO. PRECISE LEVEL NET
Job No. 530.02
From B.M. 2-6 To B.M. 2-5
Date 8-4-54
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.369		.184		#5	5.024		.183		B.M. 2-6 (STATE B.M. 22-B-41)
	4.185		.183			4.841		.181		FIRESTONE BLVD. & FLORENCE BLVD.
	4.002 ✓		.367 ✓			4.660 ✓		.364 ✓		SEE F.B. 1203-12
1	12.556	4.185 ✓		.367		14.525	4.842 ✓		.364 ✓	FOR DESCRIPTION
	5.700		.209			5.518		.213		
	5.491		.210			5.305		.211		T. E. LANDA
	5.281		.419 ✓			5.094		.424 ✓		
2	16.472 ✓	5.491 ✓		.786 ✓		15.917 ✓	5.306 ✓		.788 ✓	
	4.557		.246			5.506		.247		B.M. 2-5 (U.S. 41 S-33)
	4.311		.244			5.259		.248		FRONT ST. &
	4.067		.490 ✓			5.011 ✓		.495 ✓		SEE F.B. 1203-11
3	12.935 ✓	4.312 ✓		1.276 ✓		15.776 ✓	5.259 ✓		1.283 ✓	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 2-6 TO B.M. 2-5
										TOTAL BACKSIGHTS + 13.988 ✓
										TOTAL FORESIGHTS - 15.407 ✓
										DIFF. IN ELEVATIONS - 1.419 ✓
		13.988 ✓					15.407 ✓			

F.B. 1363 P.G. 140

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

Survey of L.A. Co. PRECISE LEVEL NET F. B. 1369 PG. 195
W. O. 0301.02 Tape No. St'd. °F
Surveyed by G.E. DREIER
Notes G.E. DREIER Date 8-54
Indexed O. Johnson 9-30-54

JOB NO. 0301.02

L.A. Co PRECISE LEVEL NET

LINE NO. 42

FROM:~ WORKMAN MILL ROAD
TO:~ HACIENDA BLVD.
VIA:~ LOMITAS AVE., 7th AVE, & GALE AVE.

DREIER, G.E.
LANDA, E.
SONNENSCHEIN, M.
RODRIGUEZ, R.
SMITH, A.D.

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76F3008 247 4-55

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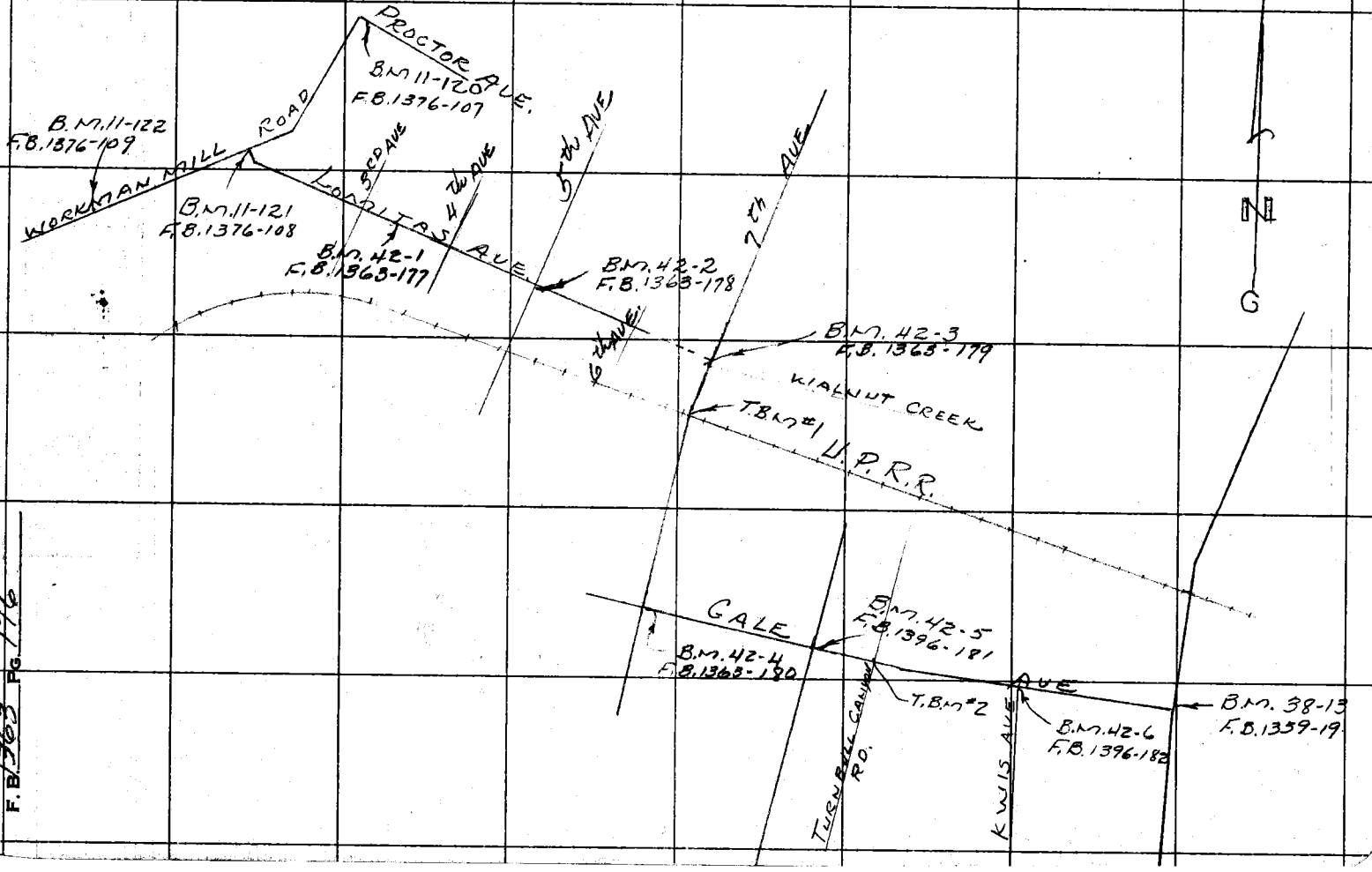


F.B. 1363 Pg. 176

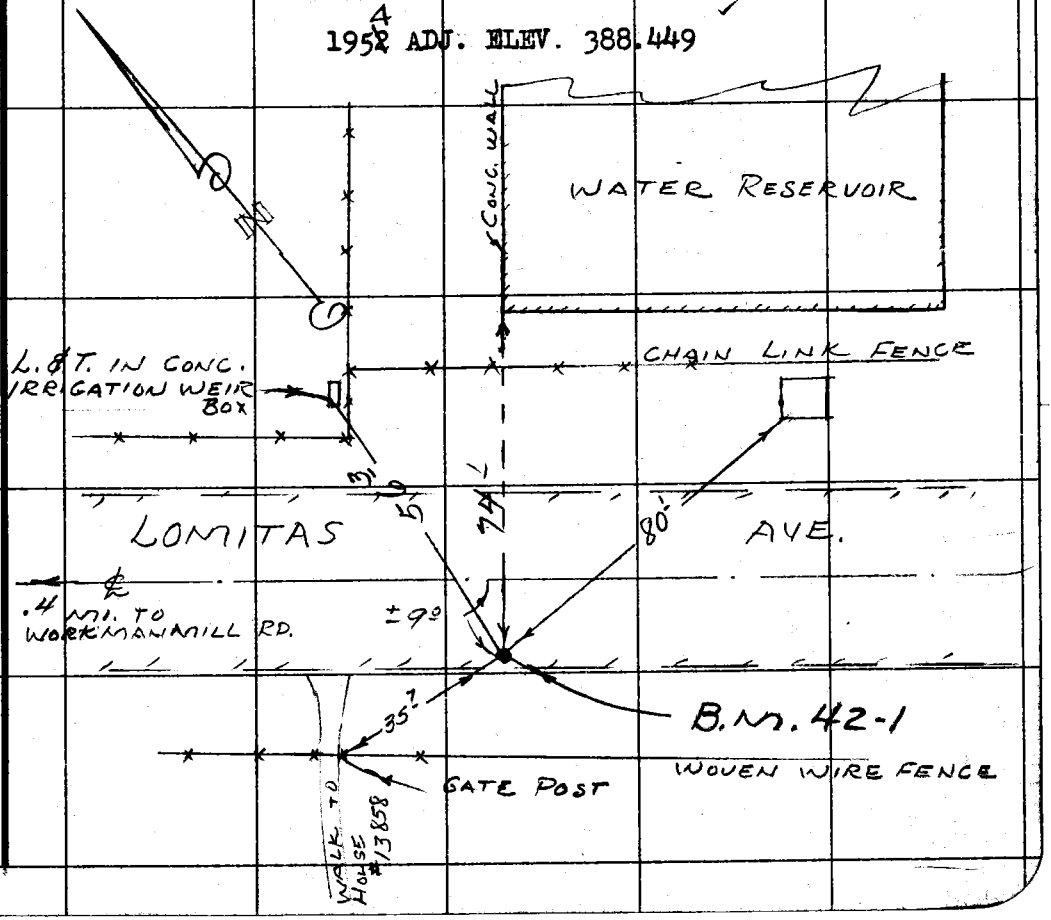
Notes Ck'd by	Survey of L.A. Co. PRECISE LEVEL NET
Map No.	W. O. 830108 Tape No. Sr'd. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 8-10-54
Date	Indexed M. O. Johnson

F. B. 1363 PG. 177

B.M. 42-1

LOMITAS AVE. .4 MILE S.E. FROM WORKMAN MILL ROAD IN FRONT OF HOUSE NO. 13858 AND 74.1 FT. S.W. OF THE W'LY CORNER, AND ON THE S.W'LY PROLONGATION OF N.W'LY SIDE OF AN OPEN CONCRETE WATER RESERVOIR ABOUT 9 FT. S. OF ℄, A STANDARD MONUMENT STAMPED "B.M. 42-1 1954 R.E. 63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT".

1952 ADJ. ELEV. 388.449



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726 LOS ANGELES COUNTY
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76F3088 247 4-58

F. B. 1363 Pg. 178

B.M. 42-2

LOMITAS AVE. AND 5th AVENUE, 10 FT. S.W. OF, AND 10 FT. S.E. OF, ℄ INTERSECTION, A STANDARD MONUMENT STAMPED - "B.M. 42-2 1954 R.E.63" SET IN CONCRETE 11 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

1958 ADJ. ELEV. 285.633 ✓

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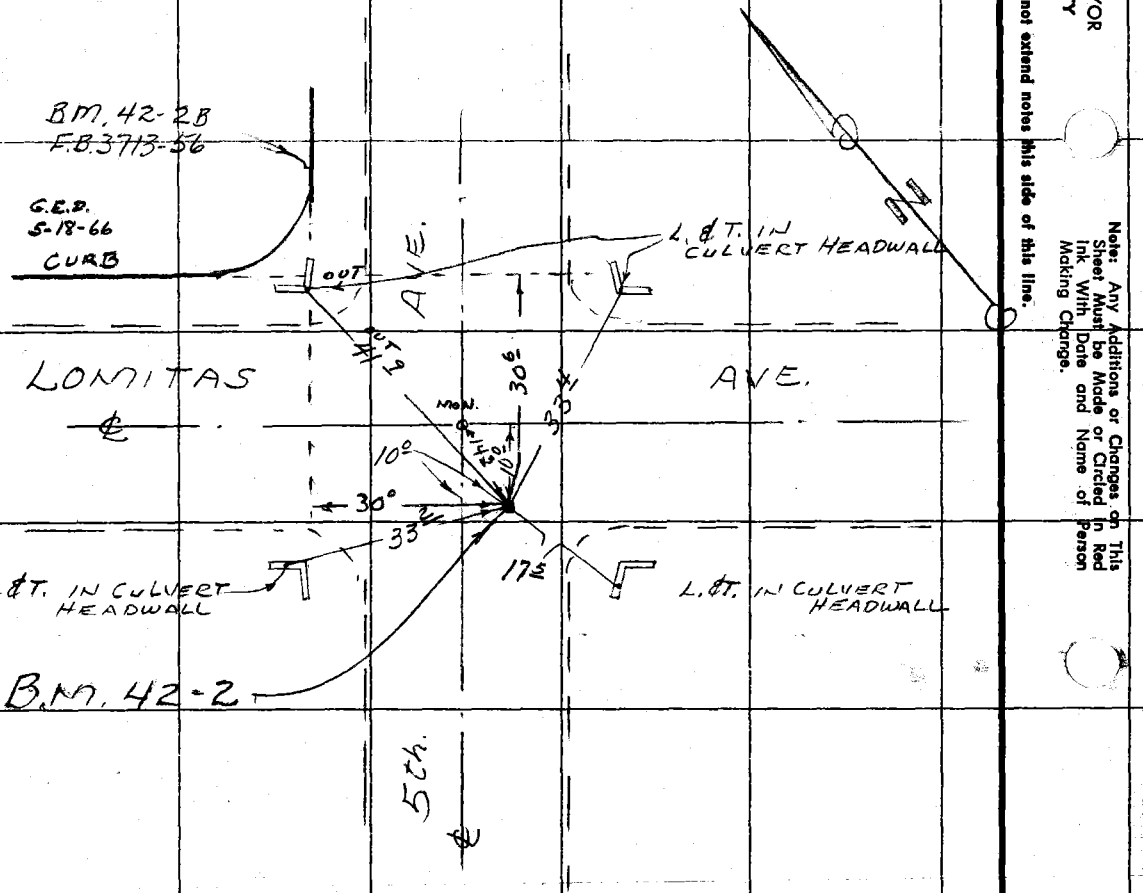


Notes Ck'd by	L.A. CO. PRECISE LEVEL NET
Map No.	W. O. 830108 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 8-10-54
Date	Indexed L. O. Johnson

F.B. 1368 PG. 179

8/19/69

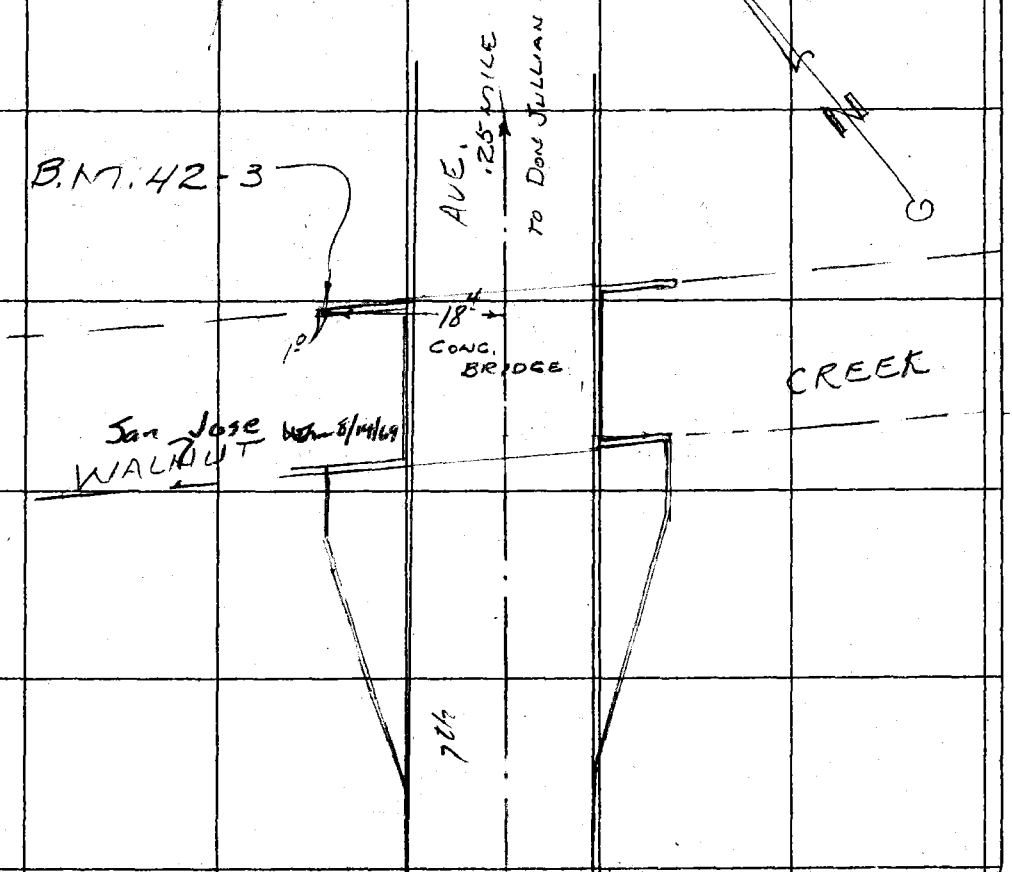
B.M. 42-3 San Jose

7th AVENUE AND WALNUT CREEK, N.W. COR., 18.4 FT N.W. FROM ℄ 7th AVE., AND 1.0 FT. FROM N.W'LY END OF CONCRETE BRIDGE ABUTEMENT, A LARGE BOAT SPIKE IN LEAD. CONCRETE ABUTEMENT CHISELED "B.M. 42-3"

1952 ADJ. ELEV. 293.252
4

AREA UNDER CONSTRUCTION, NEW CHANNEL, B.M. ON HEADWALL IS ALL THAT REMAINS 5-18-66 G.E.D

Bridge & Abutment have been removed & a new bridge built. See F.B. 3713-59 for B.M. 42-3B 30-Apr-71 DR



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76F3098 247 4-53

F.B. 1363 PG. 180

B.M. 42-4

GALE AVE. AND 7th AVENUE, ON APPROXIMATE ℄ OF GALE AVE 100.8 FEET S.E'LY FROM ℄ INTERSECTION A STANDARD MONUMENT STAMPED "B.M. 42-4 1954 R.E.63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT."

1952 ADJ. ELEV. 360.780
4

B.M. not recovered, Street (GALE) has been improved. See F.B. 3713-63 for B.M. 42-4A

30-Apr-'71 JDR

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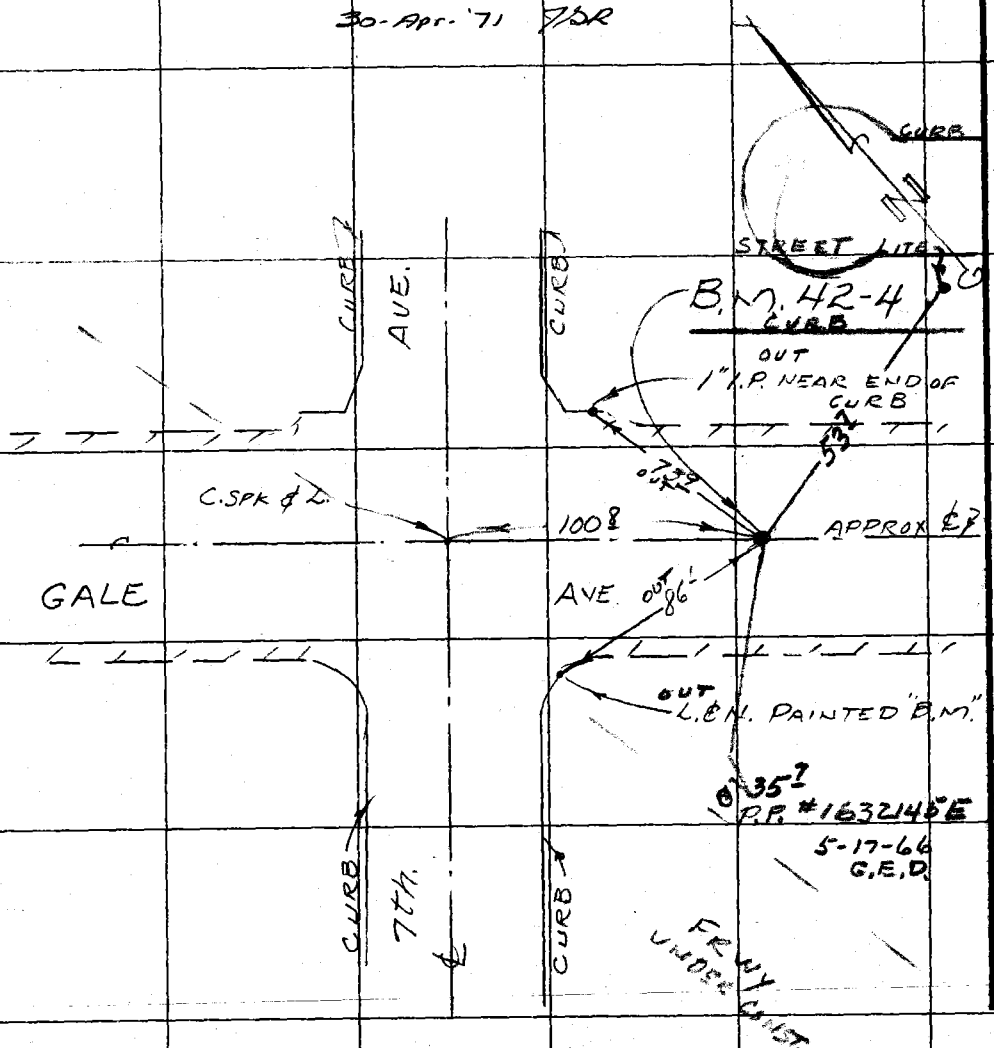


L.A. CO. PRECISE LEVEL NET F.B. 1363 PG. 181

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

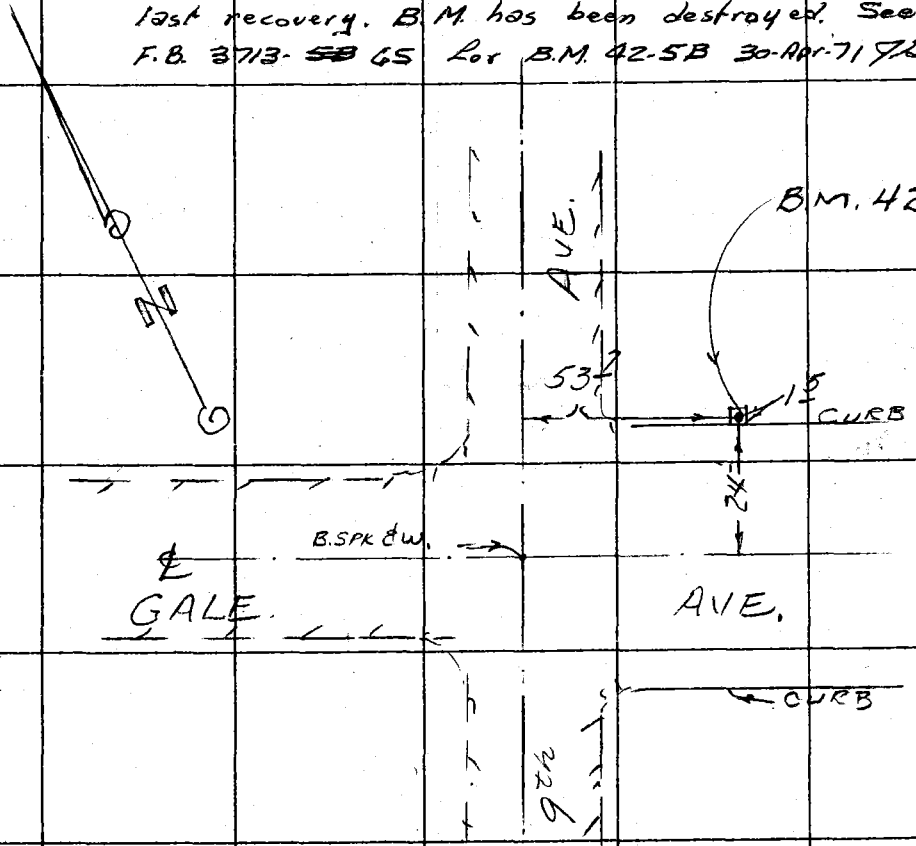
Survey of 0301.02
W.O. Tape No. St'd. °F
Surveyed by G. E. DREIER
Notes G. E. DREIER Date 8-18-54
Indexed R. O. Johnson

B.M. 42-5

GALE AVE AND 9TH AVENUE, N.E.COR., 53.7 FT. S.E'LY FROM ℄ OF 9TH AVE., AND 24.1 FT N.E'LY FROM ℄ OF GALE AVE, 1.5 FT. BACK OF CURB, A STANDARD MONUMENT STAMPED "B.M. 42-5 1954 R.E.63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

1958 ADJ. ELEV. 329.316 ✓
4

GALE AVE. has been widended & improved since last recovery. B.M. has been destroyed. See F.B. 3713-~~SB~~ 65 for B.M. 42-5B 30-Apr-71 JDB



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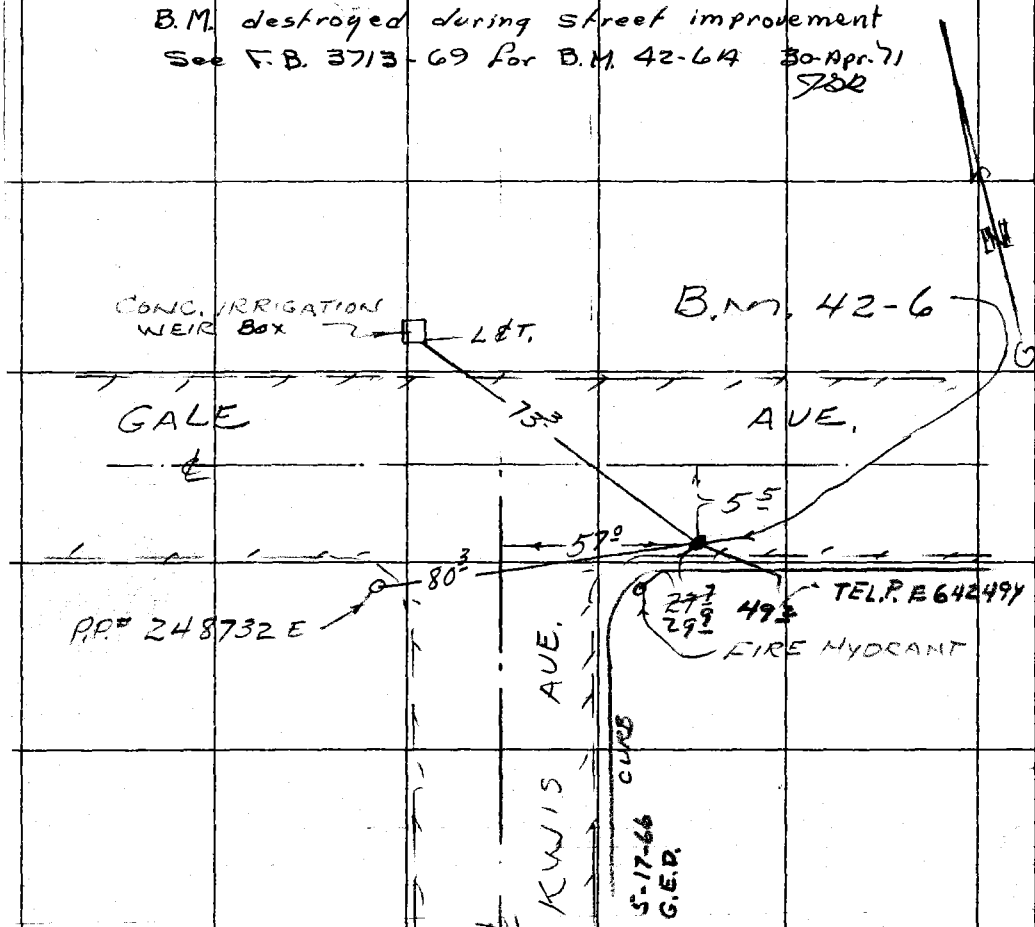
76FSOS 247 4-53

F.B. 1363 PG. 182

B.M. 42-6
GALE AVE AND KWIS AVE., 5.5 FT. SOUTH OF, AND 57.0 FT. EAST OF ℄ INTERSECTION 27.7 FT. N.E. OF A FIRE HYDRANT, 73.3 FT. S.E. OF A L.&T IN CONCRETE IRRIGATION WEIR BOX, A STANDARD MONUMENT STAMPED "B.M. 42-6 1954 R.E. 63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

1952 ADJ. ELEV. 326.856
4

B.M. destroyed during street improvement
See F.B. 3713-69 for B.M. 42-64 30-Apr.-71
JSR



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76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No 50010
Notes by G.E. DREIER Time 9.30 TO 10.30 Rod No 586

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 11-121 To B.M. 11-122
Date 8-16-54
Indexed 9-30-54 E. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9.412		199		#5	1.654		213		B.M. 11-121 AVE
	9.213		199			1.441		211		WORKMAN MILL RD & LOMITAS
	9.014		398'			1.230		424'		SEE F.B. 13-6-108
1	27.639	9.213'		.389'	80°	4.325	1.442'		.424'	FOR DESCRIPTION
	5.917		213			4.962		211		E. LANDA
	5.704		212			4.751		209		
	5.492		425'			4.542		420'		
2	17.113	5.704'		.814'		14.255	4.752'		.844'	
	3.758		208			6.581		213		
	3.550		207			6.368		210		
	3.343		415'			6.158		423'		
3	10.651	3.550'		1.229'		19.107	6.369'		1.267'	
	3.511		216			6.457		209		
	3.295		213			6.248		208		
	3.082		429'			6.040		417'		
4	9.888	3.296'		1.658'		18.745	6.248'		1.684'	
	3.503		214			6.946		207		
	3.289		215			6.739		210		
	3.074		429'			6.529		417'		
5	9.866	3.289'		2.087'		20.214	6.738'		2.101'	
	25.052'					25.549'				

F.B. 1363 P.G. 191

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 10:30 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-121 To B.M. 11-122
Date 8-16-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.694	25.052	216	2.087		6.808	25.549	213	2.101	
	2.478		218			6.595		210		
	2.260		434			6.385		423		
6	7.432	2.477		2.521		19.788	6.596		2.524	
	2.622		213			6.467		214		
	2.409		211			6.253		211		
	2.198		424			6.042		425		
7	7.229	2.410		2.945		18.762	6.254		2.949	
	2.561		211			6.500		212		
	2.350		208			6.288		212		
	2.142		419			6.076		424		
8	7.053	2.351		3.364		18.864	6.288		3.373	
	2.139		217			6.306		216		
	1.922		215			6.090		212		
	1.707		432			5.878		428		
9	5.768	1.923		3.796		18.274	6.091		3.801	
	2.488		218			6.723		212		
	2.270		215			6.511		211		
	2.055		433			6.300		423		
10	6.813	2.271		4.229		19.534	6.511		4.224	
		36.484					57.289			

F.B. 1363 P.G. 192

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 9.30 TO 10.30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No 030.1.02
From B.M. 11-121 To B.M. 11-122
Date 8-16-54
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.905	36.484	215	4.229		8.090	57.289	212	4.224	B.M. 11-122
	1.692		212			7.878		209		WORKMAN MILL RD. & HOUSE #1309
	1.480		427			7.669		421		SEE F.B. 1576-109
11	5.079	1.693		4.656		23.637	7.879		4.645	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 11-121 TO B.M. 11-122
										TOTAL BACKSIGHTS + 38.177
										TOTAL FORESIGHTS - 65.168
										DIFF IN ELEVATION -26.991
										F.B. 1363 PG. 123
	38.177					65.168				

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO PRECISE LEVEL NET
Job No.
From To
Date
Indexed

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 1363 P.G. 94

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 11:20 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-122 To B.M. 11-121
Date 8-16-54
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8502		209			1,821		212		B.M. 11-122
	7.793		208			1.609		213		WORKMAN MILL RD. & LOMITAS AVE.
	7.585		417			1.396		425		SEE F.B. 1376-109
1	23.380	7.793		417		4.826	1.609		425	FOR DESCRIPTION
	6.741		214			2.500		216		E. LANDA
	6.527		214			2.284		214		
	6.313		428			2.070		430		
2	19.581	6.527		845		6.854	2.285		855	
	6300		217			2.131		214		
	6.083		213			1.917		216		
	5.870		430			1.701		430		
3	18.253	6.084		1.275		5.749	1.916		1.285	
	6.434		212			2.498		211		
	6.222		213			2.287		211		
	6.009		425			2.076		422		
4	18.665	6.222		1.700		6.861	2.287		1.707	
	6.440		211			2.593		210		
	6.229		211			2.383		213		
	6.018		422			2.170		423		
5	18.687	6.229		2.122		7.146	2.382		2.130	
	32.855					10.479				

F.B. 1363, P.G. 185

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE SUN Inst. No. 50010
Notes by G.E.DREIER Time 10:30 TO 11:20 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-122 To B.M. 11-121
Date 8-16-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.762	32.855'	213	2122'		2.650	10.797'	217	2130'	
	6.549		209			2.433		215		
	6.340		422'			2.218		432'		
6	19.651'	6.550'		2.544'		7.301'	2.434'		2.562'	
	6.757		211			3.312		212		
	6.546		213			3.100		213		
	6.333		424'			2.887		425'		
7	19.636'	6.545'		2.968'		9.299'	3.100'		2.987'	
	6.390		210			3.440		213		
	6.180		211			3.227		210		
	5.969		421'			3.017		423'		
8	18.539'	6.180'		3.389'		9.684'	3.228'		3.410'	
	6.582		212			3.755		208		
	6.370		212			3.541		207		
	6.158		424'			3.340		415'		
9	19.110'	6.370'		3.813'		10.642'	3.547'		3.825'	
	5.116		211			6.071		212		
	4.905		208			5.859		210		
	4.677		419'			5.649		422'		
10	14.718'	4.906'		4.232'		17.579'	5.860'		4.247'	
	63.456'					28.648'				

F.B. 1363 P.G. 196

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 11:20 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. D.301.07
From B.M. 11-122 To B.M. 11-121
Date 8-16-54
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.423 63.406 ✓		211	4.232 ✓		9.180 28.648 ✓		200	4.247	B.M. 11-121
	1.212		212			8.980		198		WORKMAN MILL RD & HOUSE
	1.000		423'			8.782		398'		SEE F.B. 1376-
11	3.635'	1.212'		4.655 ✓		26.942	8.981'		4.645 ✓	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 11-122 TO B.M. 11-121
										TOTAL BACKSIGHTS + 64.618'
										TOTAL FORESIGHTS - 37.629'
										DIFF IN ELEVATION + 26.989 ✓
										F.B. 1363 P.G. 127
	64.618'					37.629'				

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS

F.B. 1363 P.G. 198

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:25 TO 2:10 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 11-120 To B.M. 11-121
Date 5-18-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.742		091		#5	2.746		085		B.M. 11-120
	4651		090			2.661		082		PROCTOR AVE & 2ND AVE
	4.561		181			2.579		167		SEE F.B. 1376-107
1	13.954	4.651		181		7.986	2.662		.167	FOR DESCRIPTION
	4.113		213			5.978		210		
	3.900		211			5.768		208		T E. LANDA
	3.689		424			5.560		418		
2	11.702	3.901		.605		17.306	5.769		.585	
	5.717		204			5.089		200		
	5.513		200			4.889		199		
	5.313		404			4.690		399		
3	16.543	5.514		1.004		14.668	4.889		.984	
	5.497		199			4.350		202		
	5.298		199			4.148		201		
	5.099		398			3.947		403		
4	15.894	5.298		1.407		12.445	4.148		1.388	
	6.587		203			3.538		204		
	6.384		200			3.334		201		
	6.184		403			3.133		405		
5	19.155	6.385		1.813		10.005	3.335		1.792	
		25.749					20.803			

F.B. 1363 P.G. 129

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY - SUN Inst. No. 5-0010
Notes by G. E. DREIER Time 1.25 TO 2.10 Rod No. 5-86

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-120 To BM 11-121
Date 8-18-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.382	25.749	200	1810		3.248		196	1.792	
	6.182		199			3.052		192		
	5.983		399			2.860		388		
6	18.547	6.182		2.209		9.160	3.053		2.180	
	8.218		195			1.151		200		
	8.023		193			0.951		198		
	7.830		388			0.753		398		
7	24.071	8.024		2.597		2.855	0.952		2.578	
	8.610		198			0.680		213		
	8.412		196			0.477		200		
	8.216		394			0.277		413		
8	25.238	8.413		2.991		1.434	0.478		2.991	
	10.001		199			1.938		201		
	9.802		198			1.737		202		
	9.604		397			1.535		403		
9	29.407	9.802		3.388		5.210	1.737		3.384	
	7.884		198			1.152		198		
	7.686		201			0.954		195		
	7.485		399			0.759		393		
10	23.055	7.685		3.787		2.865	0.955		3.778	
		65.855					27.178			

F.B. 1363 P.G. 200

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY- SUN Inst. No. 50010
Notes by G.E. DREIER Time 1:25 TO 2:10 Rod No. 5 #6

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 11-120 To B.M. 11-121
Date 8-18-54
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8572	65.855	197	3.787		1.708	27.978	201	3.788	B.M. 11-121
	8.375		196			1.507		201	77	WORKMAN MILL RD. & LOMITAS AVE
	8.179		3931			1.306		402		SEE F.B. 1376-108
11	25.126	8.375		4.180		4.521	1.507		4.196	FOR DESCRIPTION
									79	
										SUMMATION OF RUN
										B.M. 11-120 TO B.M. 11-121
										TOTAL BACKSIGHTS +74.230
										TOTAL FORESIGHTS - 29.485
										DIFF IN ELEVATION 44.745
										F.B. 1363 P.G. 201
	74230					29485				

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

L. A. CO. PRECISE LEVEL NET
Name
Job No.
From To
Date
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS

F.B. 1363 P.G. 202

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 11.05 TO 11:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 11-121 To B.M. 11-120
Date 8-18-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.617		211		#5	8.479		199		B.M. 11-121
	1.416		200			8.280		196		WORKMAN MILL RD. & LOMA VISTA AVE.
	1.216		411			8.084		395		SEE F.B. 1376-108
1	4.249	1.416		411	74°	24.843	8.281		395	FOR DESCRIPTION
	1260		198			7.995		199		E. LANDA
	1.062		196			7.796		200		
	0.866		394	795		7.596		399	794	
2	3.188	1.063		805		23.357	7.796			
	2.158		201			10.215		200		
	1.957		200			10.015		197		
	1.757		401	1196		9.818		397		
3	5.872	1.957		1206		30.048	10.016		1191	
	0.746		204			8.688		198		
	0.542		201			8.492		195		
	0.341		405			8.297		393		
4	1.629	0.543		1611		25.449	8.483		1584	
	1.171		200			8.273		193		
	0.971		199			8.080		192		
	0.772		399	2010		7.888		385	1963	
5	2.914	0.971				24.121	8.040			
		5.950					42.616			

F.B. 1363 P.G. 203

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 11:05 TO 11:45 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-121 To B.M. 11-120
Date 8-18-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.317	5.950	189	2.010		6.471	4.[illegible]16	205	1.969	
	3.128		188			6.266		205		
	2.940		377			6.061		410		
6	9.385	3.128		2.387		18.798	6.266		2.379	
	3.556		201			6.602		203		
	3.355		199			6.399		202		
	3.156		400			6.197		405		
7	10.067	3.356		2.787		19.198	6.399		2.784	
	4.320		205			5.469		201		
	4.115		203			5.268		199		
	3.912		408			5.067		400		
8	12.347	4.116		3.185		15.806	5.269		3.184	
	5.051		200			5.677		203		
	4.851		198			5.474		199		
	4.653		398			5.275		402		
9	14.555	4.852		3.583		16.426	5.475		3.586	
	5.200		207			4.346		213		
	5.993		206			4.133		213		
	5.787		413			3.920		426		
10	17.980	5.993		4.006		12.399	4.133		4.012	
		27.395					70.[illegible]			

F.B. 1363 P.G. 204

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 11:05 TO 11:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-121 To B.M. 11-120
Date 8-18-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.119	27.395	090	~~4.006~~		7.117	70.158	104	4.012	B.M. 11-120
	5.029		088	3.996		7.013		102		PROCTOR AVE & 2ND AVE.
	4.941		1 754	7		6.911		206		SEE F.B. 1376-107
11	15.089	5.030		4.184		21.041	7.014		4.218	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 11-121 TO B.M. 11-120
										TOTAL BACKSIGHTS + 32.425
										TOTAL FORESIGHTS - 77.172
										DIFF IN ELEVATION - 44.747
										F.B. 1363 P.G. 2 OF 5
		32.425					77.172			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 1363 P.G. 206

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 10:35 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-121 To B.M. 42-1
Date 8-13-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.953		223		#5	3.770		226		B.M. 11-121
	7.710		221			3.544		224		WORKMAN MILL RD. & LOMITAS DR.
	7.489		444'			3.320		450'		SEE F.B. 1376-108
1	23.132	7.711'		.444'	74°	10.634	3.545'		.450'	FOR DESCRIPTION
	5.726		136			1.024		114		E. LANDA
	5.590		137			0.910		116		
	5.453		273'			0.794		230'		
2	16.769	5.590'		.717'		2.728	0.909'		.680'	
	9.824		146			1.363		145		
	9.678		147			1.218		148		
	9.531		293'			1.070		293'		
3	29.033	9.678'		1.010'		3.651	1.217'		.973'	
	1.068		173			9.888		177		
	0.895		175			9.711		174		
	0.720		348'			9.537		351'		
4	2.683	0.894'		1.358'		29.136	9.712'		.1324'	
	5.354		211			3.186		212		
	5.143		210			2.974		209		
	4.933		421'			2.765		421'		
5	15.430	5.143'		1.777'		8.925	2.975'		1.745'	
	29.016'					18.358				

F.B. 1363 P.G. 207

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 10:35 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 11-121 To B.M. 42-1
Date 8-13-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.151	29016'	174	1.779'		0.682	18358'	182	1.745'	
	5.977		177			0.500		181		
	5.800		351'			0.319		363'		
6	17.928'	5.976'		2.130'		1.501'	0.500'		2.108'	
	9.070		101			0.459		102		
	8.969		100			0.357		102		
	8.869		201'			0.255		204'		
7	26.908'	8.969'		2.331'		1.071'	0.357'		2.312'	
	9.816		103			0.849		106		
	9.713		101			0.743		103		
	9.612		204'			0.640		209'		
8	29.141'	9.714'		2.535'		2.232'	0.744'		2.521'	
	9.719		151			1.676		148		
	9.568		150			1.528		147		
	9.418		301'			1.381		295'		
9	28.705'	9.568'		2.836'		4.585'	1.528'		2.816'	
	8.018		211			1.839		210		
	7.807		209			1.628		209		
	7.598		420'			1.419		419'		
10	23.423'	7.808'		3.256'		4.886'	1.629'	20	3.238'	
	71.041'					23.116'				

F.B. 1363 PG. 208

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY-SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 10:35 Rod No. 506

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-121 To B.M. 42-1
Date 8-13-54
Indexed A. O. Johnson

Number & Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.479	71.041	111	3.256		4.882	23.116	122	3.238	B.M. 42-1
	6.359		109			4.760		120		LOMITAS AVE. & HOUSE #13858
	6.250		220			4.640		242		SEE F.B. 1363-177
11	19.079	6.360		3.476		14.282	4.761		3.477	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 11-121 TO B.M. 42-1
										TOTAL BACKSIGHTS +77.401
										TOTAL FORESIGHTS -27.877
										DIFF IN ELEVATION +49.524
										F.B. 1363 P.G. 209
	77.401					27.877				

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS

F.B. 1363 P.G. 210

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 10:35 TO 11:10 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 030402
From B.M. 42-1 To B.M. 11-121
Date 8-13-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.925		123		#5	6.509		111		B.M. 42-1
	4.802		121			6.398		109		LOMITAS AVE & HOUSE #13858
	4.681		244'			6.289		220'		SEE F.B. 1363-177
1	14.408	4.803'		.244'	74°	19.196	6.399'		.220'	FOR DESCRIPTION
	1.758		212			7.740		212		
	1.546		259			7.728		209		⊼ E LANDA
	1.337		421'			7.519		421'		
2	4.641	1.547'		.665'		23.187	7.729'		.641'	
	1.402		148			9.442		151		
	1.254		146			9.291		150		
	1.108		294'			9.141		301'		
3	3.764	1.255'		.959'		27.874	9.291'		.942'	
	0.842		102			9.814		103		
	0.740		103			9.711		101		
	0.637		205'			9.610		204'		
4	2.219	0.740'		1.164'		29.135	9.712'		1.146'	
	0.459		102			9.070		101		
	0.357		101			8.969		100		
	0.256		203'			8.869		201'		
5	1.072	0.357'		1.367'		26.908	8.969'		1.347'	
		8.702'					42.100'			

F.B. 1363 PG. 211

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. ST0010
Notes by G. E. DREIER Time 10:35 TO 11:10 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From BM. 42-1 To BM 11-121
Date 8-13-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.728	8.702'	185	1.367'		6.199	42.100'	177	1.347'	
	0.543		182			6.022		174		
	0.361		367'			5.848		351'		
6	1.632'	0.544'		1.734'		18.069'	6.023'		1.698'	
	3.162		212			5.331		211		
	2.950		209			5.120		211		
	2.741		421'			4.909		422'		
7	8.853'	2.951'		2.155'		15.360'	5.120'		2.120'	
	10.229		177			1.410		176		
	10.052		174			1.234		174		
	9.878		351'			1.060		350'		
8	30.159'	10.053'		2.506'		3.704'	1.235'		2.470'	
	1.957		147			10.415		146		
	1.810		147			10.269		148		
	1.663		294'			10.121		294'		
9	5.430'	1.810'		2.800'		30.805'	10.268'		2.764'	
	0.911		113			5.613		135		
	0.795		117			5.478		137		
	0.681		230'			5.341		272'		
10	2.390'	0.797'		3.030'		16.432'	5.477'		3.036'	
	24.857'					70.223'				

F.B. 1363 P.G. 212

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather PART-CLOUDY Inst. No. 5001.0
Notes by G. E. DREIER Time 10:35 TO 11:10 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 42-1 To B.M. 11-121
Date 8-13-54
Indexed K. C. Johnson

Number or Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.884	24.857'	225	3.030'		8.048	10.223'	224	3.036'	B.M. 11-121
	3.659		226			7.824		223		WORKMAN MILL RD. & LOMITAS AVE.
	3.433		451'			7.601		447'		SEE F.B. 1376-108
11	10.976	3.659'		3.481'		23.473	7.824'		3.483'	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 42-1 TO B.M. 11-121
										TOTAL BACKSIGHTS + 28.516'
										TOTAL FORESIGHTS - 78.047'
										DIFF IN ELEVATION - 49.531'
										F.B. 1363 P.G. 2, 3
	28.516'					78.047'				

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS

F.B. 1363 P.G. 214

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZY - SUN Inst. No. 50010
Notes by G. E. DREIER Time 2145 TO Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No 0301.02
From B.M. 42-1 To B.M. 42-2
Date 8-13-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.639		151			8160		146		B.M. 42-1
	1.488		150			8.014		145		LOMITAS AVE. & HOUSE # 13858
	1.338		301'			7.869		291'		SEE F.B. 1363-177
1	4.465	1.488		.301'	86°	24043	8.014		.291'	FOR DESCRIPTION
	8537		213			4.051		213		
	8.324		211			3.838		209		T E. LANDA
	8.113		424'			3.629		422'		
2	24.974	8.325		.725'		11.518	3.839		.713'	
	1.150		160			11.900		166		
	0.990		159			11.734		163		
	0.831		319'			11.571		329'		
3	2.971	0.990		1.044'		32.205	11.735		1.042'	
	0.875		123			10.137		127		
	0.752		122			10.010		127		
	0.630		245'			9.883		254'		
4	2.257	0.752		1.289'		30.030	10.010		1.296'	
	0.640		097			9586		102		
	0.543		093			9.484		102		
	0.450		190'			9382		204'		
5	1.633	0.544		1.479'		28452	9.484		1.500'	
	12.099'					43.082'				

F.B. 1363 P.G. 215

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:45 TO Rod No. 526

Name **L. A. CO. PRECISE LEVEL NET**
Job No 0301.02
From B.M. 42-1 To B.M. 42-2
Date 8-13-54
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.927	2.099	089	1.479		9.132	9.082	085	1.500	
	0 838		088			9.047		087		
	0.752		177			8.960		172		
6	2.515	0.838		1.656		27.139	9.046		1.672	
	0 470		089			9.224		087		
	0 381		091			9.137		086		
	0 290		180			9.151		173		
7	1.141	0.380		1.836		27.712	9.237		1.845	
	1.091		080			9 136		075		
	1.011		079			9.061		072		
	0.932		159			8.989		147		
8	3.034	1.011		1.995		27.186	9.062		1.992	
	0.564		079			9.370		075		
	0.485		080			9.295		075		
	0.405		159			9.220		150		
9	1.454	0.485		2.154		27.885	9.295		2.142	
	0.543		77			9.295		074		
	0.466		77			9.221		073		
	0.389		154			9.148		147		
10	1.398	0.466		2.308		27.664	9.221		2.289	
	15.279					88.943				

F.B. 1363 PG. 216

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:45 TO Rod No. 596

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 42-1 To B.M. 42-2
Date 8-13-54
Indexed E. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.405	15.279	074	2.308		8.753	88.943	071	2.289	
	0.331		074			8.682		071		
	0.257		148			8.611		142		
11	0.994	0.331		2.456		26.046	8.682		2.431	
	0.456		090			8.703		091		
	0.366		089			8.612		091		
	0.277		179			8.521		182		
12	1.099	0.366		2.635		25.836	8.612		2.613	
	0.500		119			8.442		122		
	0.381		119			8.320		123		
	0.262		238			8.197		245		
13	1.143	0.381		2.873		24.959	8.320		2.858	
	2.285		128			6.919		155		B.M. 42-2
	2.157		127			6.764		153		LOMITAS AVE & 5TH AVE.
	2.030		255			6.611		308		SEE F.B. 1363-178
14	6.472	2.157		3.128	84°	20.294	6.765		3.166	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 42-1 TO B.M. 42-2
										TOTAL BACKSIGHTS + 18,514
										TOTAL FORESIGHTS - 121.322
	18.514					121.322				DIFF IN ELEVATION - 102.808

F.B. 1363 P.G. 2-17

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 1367 P.G. 218

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No 50010
Notes by G. E. DREIER Time 2:15 TO 3:15 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 42-2 To B.M. 42-1
Date 8-16-54
Indexed E. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6581		141			1979		141		B.M. 42-2
	6,440		140			1,838		139		LOMITA AVE. & 5th AVE.
	6.300		281'			1.699		280'		SEE F.B. 1363-178
1	19.321	6.440'		2.81'		5.516	1.839'		.280'	FOR DESCRIPTION
	8.433		124			0.490		120		↑ E. LANDA
	8 309		121			0,370		118		
	8 188		245'			0,252		238'		
2	24.930	8.310'		.526'		1.112	0.371'		.518'	
	8.845		091			0.598		089		
	8.754		089			0.509		091		
	8665		180'			0.418		180'		
3	26.264	8.755'		.706'		1.525	0.508'		.698'	
	8953		072			0.604		073		
	8881		070			0.531		073		
	8811		142'			0.458		146'		
4	26.645	8.882'		.848'		1.593	0.531'		.844'	
	9.287		074			0.535		080		
	9213		073			0.455		077		
	9140		147'			0.378		157'		
5	27.640	9.213'		.995'		1.368	0.456'		1.001'	
	41.600'					3.705'				

F.B. 1363, P.G. 219

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:15 TO 8:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 42-2 To B.M. 42-1
Date 8-16-54
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9.212	41.600	072	.995		0.411	3.705	082	1.001	
	9.140		072			0.329		.079		
	9.068		144			0.250		161		
6	27.420	9.140		1.139		0.990	0.330		1.162	
	9.121		073			1.041		079		
	9.048		074			0.962		080		
	8.974		147			0.882		159		
7	27.143	9.048		1.286		2.885	0.962		1.321	
	9.349		088			0.531		090		
	9.261		085			0.441		090		
	9.176		173			0.351		180		
8	27.786	9.262		1.459		1.323	0.441		1.501	
	9.008		088			0.801		090		
	8.920		086			0.711		089		
	8.834		174			0.622		179		
9	26.762	8.921		1.633		2.134	0.711		1.680	
	9.650		107			0.692		091		
	9.543		105			0.601		091		
	9.438		212			0.510		182		
10	28.631	9.544		1.845		1.803	0.601		1.862	
	87.515					6.750				

F.B. 1363 P.G. 220

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:15 TO 3:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 42-2 To B.M. 42-1
Date 8-16-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.347 87.515		128	1.845		1.085 6.750		123	1.862	
	10.219		129			0.962		120		
	10.090		257			0.842		243		
11	30.656	10.218		2.102		2.889	0.963		2.105	
	11.721		162			1.172		161		
	11.759		161			1.011		161		
	11.598		323			0.850		322		
12	35.278	11.759		2.425		3.033	11.011		2.427	
	3.856		211			8.342		211		
	3.645		212			8.131		210		
	3.433		423			7.921		421		
13	10.934	3.645		2.848		24.394	8.131		2.848	
	7.882		143			1.360		151		E.M. 42-1
	7.739		145			1.209		151		LOMITAS AVE & HOUSE
	7.594		288			1.058		302		SEE F.B. 1363-177
14	23.215	7.738		3.136		3.627	1.209		3.150	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 42-2 TO B.M. 42-1
										TOTAL BACKSIGHTS +120.878
										TOTAL FORESIGHTS - 18.064
	120.878					18.064				DIFF IN ELEVATION +102.814

F.B. 1363 PG. 221

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 563 PG 222

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZY-SUN Inst. No. 50010
Notes by A. D. SMITH Time 8:40 TO 9:40 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 42-2 To B.M. 42-3
Date 8-17-54
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.465		.210		#5	5.271		.218		B.M. 42-2
	5.255		.210			5.053		.214		Lomitas Ave & 5th Ave
	5.045		.420'			4.839		.432'		See F.B. 1363-178
1	15.765'	5.255'		.420'		15.163'	5.054'		.432	For description
	4.423		.211			4.785		.213		
	4.212		.209			4.572		.211		⊼ E. Lands
	4.003		.420			4.361		.424'		
2	12.638'	4.213'		.840'		13.718'	4.573'		.856'	
	5.832		.219			4.084		.213		
	5.613		.216			3.871		.211		
	5.397		.435'			3.660		.424'		
3	16.842'	5.614'		1.275'		11.615'	3.872'		1.280	
	5.285	5.082'	.217			4.465	3.499'	.212		
	5.068		.217			4.253		.212		
	4.851		.434'			4.041		.424'		
4	15.204'	5.068'		1.709'		12.759'	4.253'		1.704 1.674	
	5.410		.211			5.089		.211		
	5.199		.210			4.878		.208		
	4.989		.421'			4.670		.419		
5	15.598'	5.199'		2.130'		14.637'	4.879'		2.113	
	25.349'					22.631'				

F.B. 1363 P.G. 223

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by A. D. SMITH Time 8:46 To 9:40 Rod No. 516

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301 02
From B.M. 42-2 To B.M. 42-3
Date 8-17-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.090	25.349	.189	2.130		4.725	2.631	.214	2.183	
	2.901		189			4.511		211	2	
	2.712		378			4.300		425		
6	8.703	2.901		2.508		13.536	4.512		2.588	
	5.358		.209			5.181		.236		
	5.149		.209			4.951		.232		
	4.940		418			4.719		468		Summation of Rod
7	15.447	5.149		2.926		14.851	4.950		3.080	B.M. 42-2 To B.M. 42-3
	7.188		.221			4.166		.205		Total Backsights = + 50.606'
	6.967		.218			3.961		.202		Total Foresights = - 42.977'
	6.749		439			3.759		407		Diff. in Elev. = + 7.629
8	20.904	6.968		3.365		11.886	3.962		3.487	
	4.852	40.367	.214			4.098	36.655	.188		
	4.638		.214			3.910		.188		
	4.424		428			3.722		376		
9	13.914	4.638		3.793		11.730	3.910		3.783	
	5.731		.131			3.132		.120		B.M. 42-3
	5.600		.129			3.012		.120		7th Ave & Walnut Cr.
	5.471		260			2.892		240		See F.B. 1363-179
10	16.802	5.601		4.053		9.036	3.012		4.053	for description
	50.606					42.977				

F.B. 1363 P.G. 224

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G.E. Dreier Weather HAZY SUN Inst. No. 50010
Notes by A.D. SMITH Time 10:15 TO 10:50 Rod No. 596

Name L.A.Co. Precise Level Net
Job No. 0301.02
From B.M. 42-3 To B.M. 42-2
Date 8-17-54
Indexed O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.094		.122		#5	5.689		.130		B.M. 42-3
	2.972		.122			5.559		.128		7th Ave & Walnut Cr
	2.850		.244			5.431		.258		See F.B. 1363-17 for description
1	8.916	2.972		.244		16.679	5.560		.258	
	4.268		.193			5.017		.211		⊼ E. Lands
	4.075		.192			4.806		.208		
	3.883		.385			4.598		.419		
2	12.226	4.075		.629		14.421	4.807		.677	
	4.097		.216			7.090		.210		
	3.883		.214			6.880		.208		
	3.669		.430			6.672		.418		
3	11.651	3.884		1.059		20.342	6.881		1.095	
	5.113	10.931	.232			5.290	17.248	.210		
	4.881		.229			5.080		.208		
	4.652		.461			4.872		.418		
4	14.646	4.882		1.520		15.242	5.081		1.513	
	4.825		.209			3.201		.192		
	4.616		.206			3.009		.196		
	4.410		.415			2.813		.388		
5	13.851	4.617		1.935		9.023	3.008		1.901	
	20.430					25.337				

F.B. 1363, P.G. 22-25

76P526 S & E #379 1-54

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Chief of Party C.E. Oreen Weather HAZY Inst. No. 50010
Notes by A.D. SMITH Time 10:15 TO 10:50 Rod No. 516

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 42-3 To B.M. 42-2
Date 8-17-54
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.228	20.430	.208	1.935		5.556	2.357	.214	1.901	
	5.020		.204			5.342		.210		
	4.816		412			5.132		424		SUMMATION OF RUN
6	15.064	5.021		2.347		16.030	5.343		2.325	B.M. 42-3 TO B.M. 42-2
	4.291		.210			5.109		.221		TOTAL BACKSIGHTS + 42.958
	4.081		.209			4.888		.219		TOTAL FORESIGHTS - 50.583
	3.872		419			4.669		440		DIFF. IN ELEVATIONS = -7.625
7	12.244	4.081		2.766		14.666	4.889		2.765	
	3.968		.214			5.720		.219		
	3.754		.212			5.501		.216		
	3.542		426			5.285		435		
8	11.264	3.755		3.192		16.506	5.502		3.205	
	4.804		.211			4.443		.210		
	4.593		.211			4.233		.210		
	4.382		422			4.023		420		
9	13.779	4.593		3.614		12.699	4.233		3.620	
	5.295		.216			5.490		.212		B.M. 42-2
	5.079		.218			5.278		.208		Lomitas Ave & 5th Ave
	4.861		434			5.070		420		See F.B. 1363-178
10	15.235	5.078		4.048		15.838	5.279		4.040	for description
		42.958					50.583			

F.B. 1363 P.G. 228

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZY-SUN Inst. No. 50010
Notes by A. D. SMITH Time 9:10 TO 9:45 Rod No. 586

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M 42-3 To B.M 42-4
Date 8-17-54
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.828		.199		#5	2.478		.211		B.M. 42-3
	3.629		.200			2.267		.212		7th Ave & Walnut Cr.
	3.429		399			2.055		423		See F.B. 1363-179
1	10.886	3.629		.399		6.800	2.267		.423	for description.
	7.047		.215			2.348		.205		⊼ E. Lands
	6.832		.212			2.143		.204		
	6.620		427			1.939		409		
2	20.499	6.833		.826		6.430	2.143		.832	
	7.071		.210			2.583		.208		
	6.861		.206			2.375		.207		
	6.655		416			2.168		415		+ 25.497
3	20.587	6.862		1.242		7.126	2.375		1.247	9.614
	8.249		.077			2.709		.080		+ 15.883
	8.172		.075			2.829		.080		
	8.097		152			2.749		160		
4	24.518	8.173		1.394		8.487	2.829		1.407	
										T.B.M. #1 7th AVE & U.P. RR, N.E. COR., L & N. IN N.W. COR. OF CONC. TOE OF BOX CULVERT UNDER TRACKS PAINTED "B.M."
	25.497					9.614				

F.B. 1363 P.G. 227

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUNNY Inst. No. 50010
Notes by A. D. SMITH Time 9:10 To 9:45 Rod No. 596

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 42-3 To B.M. 42-4
Date 8-17-54
Indexed A. C. Johnson

F.B. 1363 P.G. 22.8

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.745	25.497'	.212	1.394'		0.870	9.614'	.216	1.407'	
	7.533		.210			0.660		.210		
	7.323		.422'			0.450		420'		
5	22.601'	7.534'		1.816'		1.980'	0.660'		1.827'	
	9.365		.202			1.377		.195		
	7.163		.198			1.182		.193		
	8.965		400'			0.988		388'		
6	27.493'	9.164'		2.216'		3.548'	1.183'		2.215'	
	10.242		.216			1.041		.217		
	10.026		.217			0.824		.215		
	9.809		433'			0.609		432'		
7	30.077'	10.026'		2.649'		2.474'	0.825'		2.647'	
	9.427	52.221'	.212			1.468	12.182'	.215		
	9.215		.211			1.253		.211		
	9.004		423'			1.042		426'		
8	27.646'	9.215'		3.072'		3.763'	1.254'		3.075'	
	9.678		.217			1.357		.218		
	9.461		.213			1.139		.215		
	9.248		430'			0.924		433'		
9	28.387'	9.462'		3.502'		3.420'	1.140'		3.506'	
	70.898'					14.176'				

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by A. D. SMITH Time 9:10 TO 9:45 Rod No. 516

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 42-3 To B.M. 42-4
Date 8-17-54
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.205	7.089	.220	7.502		1.622	1.467	.207	3.506	
	6.785		.217			1.415		.206		
	6.768		.437			1.209		.413		
10	20.758	7.086		3.739		4.246	1.415		3.919	
	7.277		.113			3.537		.118		B.M. 42-4
	7.164		.112			3.419		.118		9th Ave & Gale Ave.
	7.052		.225			3.301		.236		See F.B. 1363-180
11	21.493	7.164		4.164		10.257	3.419		4.155	for description
										Summation of Run B.M. 42-3 To B.M. 42-4
										Total Backsights = 87.048'
										Total Foresights = -19.510'
										Diff. in Elev = +67.538'
										F.B. 1363 P.G. 22-29
										Diff 42-3 To T.B.M.#1 +15.883
										" T.B.M.#1 To 42-4 +51.655
	87.048					19.510				

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS

F.B. 1363 P.G. 230

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party C.E. Oneier Weather HAZY SUN Inst. No. 50010
Notes by A.D. SMITH Time 9:50 TO 10:50 Rod No. 576

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 42-4 To B.M. 42-3
Date 8-17-54
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.723		.114		#5	7.465		.116		B.M. 42-4
	3.609		.115			7.349		.115		7th Ave & Cole Ave
	3.494		.229 ✓			7.234		.231 ✓		See F.B. 1363-180
1	10.826 ✓	3.609 ✓		.229 ✓		22.048 ✓	7.349 ✓		.231 ✓	for description
	1.551		.211			9.125		.216		
	1.340		.212			8.909		.216		⊼ E. Lands
	1.128		.423 ✓			8.693		.432 ✓		
2	4.019 ✓	1.340 ✓		.652 ✓		26.727 ✓	8.909 ✓		.663 ✓	
	1.385		.217			9.706		.216		
	1.168		.217			9.490		.213		
	0.951		434 ✓			9.277		429 ✓		
3	3.504 ✓	1.168 ✓		1.086 ✓		28.473 ✓	9.491 ✓		1.092 ✓	
	1.450	6.117 ✓	.213			9.409	25.749 ✓	.212		
	1.237		.216			9.197		.209		
	1.021		429 ✓			8.988		.421		
4	3.708 ✓	1.236 ✓		1.515 ✓		27.594 ✓	9.198 ✓		1.513 ✓	
	1.009		.218			10.209		.217		
	0.791		.214			9.992		.214		
	0.577		432 ✓			9.778		431 ✓		
5	2.377 ✓	0.792 ✓		1.947 ✓		29.979 ✓	9.993 ✓		1.944 ✓	
		8.145 ✓					44.945 ✓			

F.B. 1363 P.G. 231

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party C.F. Dreier Weather HAZY SUN Inst. No. 5.001.D
Notes by A.D. SMITH Time 9:50 TO 10:50 Rod No. 5.16

Name L.A.Co. Precise Level Net
Job No. 0301.02
From B.M. 42-4 To B.M. 42-3
Date 8-17-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.328	6.145	196	1.947		9.319	9.140	202	1.944	
	1.132		193			9.117		199		
	0.939		389			8.918		401		
6	3.399	1.133		2.336		27.354	9.118		2.345	
	0.608		.208			7.032		.211		-61.529
	0.600		.211			7.471		.211		+9.877
	0.389		.419			7.260		.422		-51.652
7	1.797	0.599		2.755		22.413	7.471		2.767	
		9.877					6.529			
1										T.B.M. #1 7th AVE & U.P.R.R. N.E. COR. L & N. IN N.W. COR. CONC. TOP OF BOX CULVERT UNDER TRACKS PAINTED "B.M."
	2.911		.080			8.254		.075		
	2.831		.079			8.179		.077		
	2.752		.159			8.102		.152		
8	8.494	2.831		2.914		24.535	8.178		2.919	
	2.592		.210			7.079		.209		
	2.380		.206			6.870		.208		
	2.174		.416			6.662		.417		
9	7.144	2.381		3.330		20.611	6.870		3.336	
		15.089					76.377			

F.B. 363 PG 232

76P526 S & E #379 1-54

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Chief of Party C.E. Oreier Weather Hazy Sun Inst. No. 50010
Notes by E. Landa Time 7:50 To 10:50 Rod No. 566

Name L.A.Co. Precise Level Net
Job No. 0301.02
From B.M. 42-H To B.M. 42-3
Date 8-17-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.364	15.089	.209	3.330		7.052	76.577	.212	3.336	
	2.155		.209			6.840		.209		
	1.946		418			6.631		421		
10	6.465	2.155		3.748		20.523	6.841		3.757	
	2.537		.212			3.897		.212		B.M. 42-3
	2.325		.209			3.685		.200		9th Ave & Walnut Cr.
	2.116		421			3.485		412		See F.B. 1363-179
11	6.978	2.326		4.169		11.057	3.686		4.159	for description
										Summation of Run
										B.M. 42-H To B.M. 42-3
										Total Backsights = + 19.570
										Total Foresights = - 87.104
										Diff. in Elev = - 67.534
										Diff 42-H To T.B.M. 1 - 51.652
										" T.B.M. 1 To 42-3 - 15.882
	19.570					87.104				

F.B. 1363 P.G. 233

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party..... Weather..... Inst. No.....

Notes by..... Time..... Rod No.....

Name.....
Job No.....
From..... To.....
Date.....
Indexed.....

Number & Kind of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 1363 P.G. 234

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party C.E. Oneier Weather HAZY SUN Inst. No. 50010
Notes by A.D. SMITH Time 10:55 TO 11:25 Rod No. 586

Name L.A.Co. Precise Level Net
Job No. 0302 01
From B.M. 42-4 To B.M. 42-5
Date 8-17-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.192		.215		#5	7.241		.219		B.M. 42-4
	4.977		.217			7.022		.219		7th Ave & Gale Ave
	4.760		432			6.803		438		See F.B. 1363-180
1	14.929	4.976		.432		21.066	7.022		.438	for description
	2.887		.221			5.787		.217		
	2.666		.218			5.770		.217		⊼ E. Lands
	2.448		439			5.553		434		
2	8.001	2.667		.871		17.310	5.770		.872	
	3.098		.215			5.865		.213		
	2.883		.212			5.652		.212		
	2.671		427			5440		425		
3	8.652	2.884		1.298		16.957	5.652		.1297	
	3.143	10.527	.215			6.753	18.444	.211		
	2.928		.217			6.542		.210		
	2.711		432			6.332		421		
4	8.782	2.927		1.730		19.627	6.542		1.718	
	3.299		.210			7.161		.211		
	3.089		.210			6.950		.210		
	2.879		420			6.740		421		
5	9.267	3.089		2.150		20.851	6.950		2.139	
		16.543					31.936			

F.B. 1363 P.G. 235

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. Oneier Weather HAZY SUN Inst. No. 50010
Notes by A.D. SMITH Time 10:55 To 11:25 Rod No. 586

Name L.A. Co. Precise Level Line
Job No. 0301.02
From B.M. 42-4 To B.M. 42-5
Date 8-17-54
Indexed A. C. Johnson

Number Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.982	16.543 ✓	.212	2.150 ✓		7.147	31.936 ✓	.212	2.139 ✓	
	2.770		.210			6.935		.211		
	2.560		.422 ✓			6.724		.423 ✓		Summation of Run
6	8.312 ✓	2.771 ✓		2.572 ✓		20.806 ✓	6.935 ✓		2.562 ✓	B.M. 42-4 To B.M. 42-5
	3.741		.211			6.701		.211		TOTAL BACKSIGHTS = 34.168 ✓
	3.530		.212			6.490		.208		TOTAL FORESIGHTS = 65.627 ✓
	3.318		.423 ✓			6.282		.419 ✓		DIFF. IN ELEVATIONS = -31.459 ✓
7	10.589 ✓	3.530 ✓		2.995 ✓		19.473 ✓	6.491 ✓		2.981 ✓	
	3.798		.212			6.672		.211		
	3.586		.208			6.461		.210		
	3.378 ✓		.420 ✓			6.251 ✓		.421 ✓		
8	10.762 ✓	3.587 ✓		3.415 ✓		19.384 ✓	6.461 ✓		3.402 ✓	
	4.169	26.431 ✓	.122			5.927	51.823 ✓	.135		
	4.047		.122			5.792		.132		
	3.925 ✓		.244 ✓			5.660 ✓		.267 ✓		
9	12.141 ✓	4.047 ✓		3.659 ✓		17.379 ✓	5.793 ✓		3.669 ✓	
	3.817		.127			8.130		.119		B.M. 42-5
	3.690		.126			8.011		.120		GALE AVE & 9TH CIVIL
	3.564		.253 ✓			7.891		.239 ✓		SEE F.B. 1363-181
10	11.071 ✓	3.690 ✓		3.912 ✓		24.032 ✓	8.011 ✓		3.908 ✓	FOR DESCRIPTION
				34.168 ✓					65.627 ✓	

F.B. 1363 P.G. 236

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Dreier Weather HAZY SUN Inst. No. 50010
Notes by A. D. SMITH Time 11:30 TO 12:00 Rod No. 586

Name L. A. Co. Precise Level Net
Job No. 0301.02
From B.M. 42-5 To B.M. 42-4
Date 8-17-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.200		.123		#5	3.881		.122		B.M. 42-5
	8.077		.123			3.759		.124		GALE AVE. & 9th Ave
	7.954		.246			3.635		.246		See F.B. 1363-181
1	24.231	8.077		.246		11.275	3.758		.246	for description
	5.899		.131			4.148		.127		
	5.768		.131			4.021		.123		
	5.637		.262			3.898		.250		T. E. LANDA
2	17.304	5.768		.508		12.067	4.022		.496	
	6.711		.211			3.837		.210		
	6.500		.209			3.627		.208		
	6.291		.420			3.419		.418		
3	19.502	6.501		.928		10.883	3.628		.914	
	6.705	20.346	.211			3.748	11.408	.215		
	6.494		.209			3.533		.211		
	6.285		.420			3.322		.426		
4	19.484	6.495		1.348		10.603	3.534		1.340	
	7.182		.210			3.021		.212		
	6.972		.209			2.809		.209		
	6.763		.419			2.600		.421		
5	20.917	6.972		1.767		8.430	2.810		1.761	
		33.813					17.752			

F.B. 1363 P.G. 237

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. Dreier Weather HAZY SUN Inst. No. 50010
Notes by A. D. SMITH Time 11:30 TO 16:00 Rod No. 586

Name L.A.Co. Precise Level Net
Job No. 0301.02
From B.M. 42-5 To B.M. 42-4
Date 8-17-54
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.157	33.813	.210	1.767		3.298	17.752	.211	1.761	
	6.947		.209			3.087		.208		
	6.738		419'			2.879		419'		
6	20.842'	6.947'		2.186		9.264'	3.088'		2.180'	
	6721		.209			3.110		.216		
	6512		.211			2.894		.214		Summation of Run
	6.301		420'			2.680		430'		B.M. 42-5 To B.M. 42-4
7	19.534'	6.511'		2.606'		8.684'	2.895'		2.610'	
	6.474		.213			3.704		.211		Total Backsights = + 66.994'
	6.261		.211			3.493		.211		Total Foresights = - 35.539'
	6.050		424'			3.282		422'		Diff. in Elev = + 31.455'
8	18.785'	6.262'		3.030'		10.479'	3.493'		3.032'	
	6.553	3.533'	.216			3.454	1.728'	.217		
	6.337		.215			3.237		.217		
	6.122		421			3.020		434'		
9	19.012'	6.337'	3	3.481		9.711'	3.237'		3.466'	
	7.344		.220			5.289		.216		B.M. 42-4
	7.124		.221			5.073		.213		7th Ave & Gale Ave
	6.903		441'			4.860		429'		See F.B. 1363-180
10	21.371'	7.124'		3.892'		15.222'	5.074'		3.895'	for description
		66.994'					35.539'			

F.B. 1363 P.G. 238

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by A. D. SMITH Time 1140 TO 215 Rod No. 546

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 42-5 To B.M. 42-6
Date 8-17-54
Indexed A. C. Johnston

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.351		.212			6.701		.211		B.M. 42-5
	5.139		.212			6.490		.210		GALE AVE. & 9TH AVE.
	4.927		424			6.280		421		SEE F.B. 1363-151
1	15.417	5.139		.424		19.471	6.490		.421	FOR DESCRIPTION
	4.590		.210			6.731		.213		
	4.380		.210			6.518		.215		
	4.170		420			6.303		428		TO E. LANDA
2	13.140	4.380		.844		19.552	6.517		.849	
	5.557		.218			5.398		.221		
	5.339		.218			5.177		.218		
	5.121		436			4.959		439		
3	16.017	5.339		1.280		15.534	5.178		1.288	
	5.013 14.858		.222			4.900	18.185	.216		
	4.791		.219			4.684		.215		
	4.572		441			4.469		431		
4	14.376	4.792		1.721		14.053	4.684		1.719	
	5.490		.117			6.138		.118		
	5.373		.114			6.020		.120		
	5.259		231			5.900		238		
5	16.122	5.374		1.952		18.058	6.019		1.957	
		25.024					28.888			

F.B. 1363 P.G. 239

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by A. D. SMITH Time 1:40 TO 2:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 42-5 To B.M. 42-6
Date 8-17-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		25.024		1.952			28.888		1.957	T.B.M. #2 GALE AVE & TURNBULL CANON RD, N.W. COR., L. & 7 IN CURB RETURN 4 FT E. OF W. END C.R. PAINTED "B.M."
	6.317		.222			4.698		.228		
	6.095		.220			4.470		.224		-28.888
	5.875		.442			4.246		.452		+25.024
6	18.287	6.096		2.394		13.414	4.471		2.409	-3.864
	5.259		.226			4.251		.227		
	5.033		.223			4.024		.225		
	4.810		.449			3.799		.452		
7	15.102	5.034		2.843		12.074	4.025		2.861	
	5.940	36.154	.222			5.449	37.384	.219		
	5.718		.222			5.230		.219		
	5.496		.444			5.011		.438		
8	17.154	5.718		3.287		15.690	5.230		3.299	
	5.000		.226			5.040		.227		
	4.774		.224			4.813		.224		
	4.550		.450			4.589		.451		
9	14.324	4.775		3.737		14.442	4.814		3.750	
		46.647					47.428			

F.B. 1363 P.G. 240

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by A. D. SMITH Time 1:40 TO 2:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL No. 4
Job No. 0301.02
From B.M. 42-5 To B.M. 42-6
Date 8-17-54
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.631	46.647'	.223	3.737'		5.132	47.428'	.223	3.750'	
	4.408		.225			4.909		.221		
	4.183		.448'			4.688		.444'		
10	13.222'	4.407'		4.185'		14.729'	4.910'		4.194'	
	5.554		.221			5.943		.243		
	5.333		.218			5.700		.242		
	5.115		.439'			5.458		.485'		
11	16.002'	5.334'		4.624'		17.101'	5.700'		4.679'	
	4.833		.204			5.601		.171		B.M. 42-6
	4.629		.207			5.430		.171		GALE AVE. & KWIS AVE.
	4.422		.411'			5.259		.342'		SEE F.B. 1363-182
12	13.884'	4.628'		5.035'		16.290'	5.430'		5.021'	FOR DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACKSIGHTS +61.016'
										TOTAL FORESIGHTS -63.468'
										DIFF. 42-5 TO 42-6 -2.452
										" 42-5 TO T.B.M. -3.864
										" T.B.M. TO 42-6 +1.412
		61.016'					63.468'			

F.B. 1363 P.G. 241

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed

Number Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS

F.B. 1363 P.G. 242

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. SD010
Notes by A. D. SMITH Time 2:20 To 3:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301 02
From B.M. 42-6 To B.M. 42 5
Date 8-17-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.739		.189		#5	4.945		.191		B.M. 42-6
	5.550		.188			4.754		.187		GALE AVE. & KWIS AVE.
	5.362		.377'			4.567		.378		SEE F.B. 1363-182
1	16.651'	5.550'		.377		14.266'	4.755'		.378	FOR DESCRIPTION
	5.783		.238			5.403		.224		
	5.545		.237			5.179		.226		E. LANDA
	5.308		.475'			4.953		.450'		
2	16.636	5.545'		.852		15.535'	5.178'		.828	
	4.906		.218			4.412		.230		
	4.688		.218			4.182		.229		
	4.470		.436'			3.953		.459'		
3	14.064'	4.688'		1.288		12.547'	4.182'		1.287	
	4.954	15.783	.226			4.912	14.115	.224		
	4.728		.226			4.688		.227		
	4.502		.452'			4.461		.451'		
4	14.184'	4.728'		1.740		14.061'	4.687'		1.738	
	5.472		.215			5.969		.225		
	5.257		.219			5.744		.223		
	5.038		.434'			5.521		.448'		
5	15.767'	5.256'		2.174		17.234'	5.745'		2.186	
		25.767'					24.547'			

F.B. 1363 P.G. 243

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by A. D. SMITH Time 2:20 TO 3:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET.
Job No. 0301.02
From B.M. 42-6 To B.M. 42-5
Date 8-17-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.311	25.767	.226	2.174		5.317	24.547	.226	2.186	
	4.085		.225			5.091		.223		
	3.860		.451			4.868		.449		
6	12.256	4.085		2.625		15.276	5.092		2.635	
	4.581		.224			6.204		.220		-35.6[illegible]
	4.357		.227			5.984		.220		-34.208
	4.130		.451			5.764		.440		-[illegible].415
7	13.068	4.356		3.076		17.952	5.984		3.075	
		34.208					35.623			T.B.M. #2 GALE AVE & TURNBULL CANON RD. N.W. COR., L. & T. IN CURB [illegible] 4 FT E. OF W. END C.R. POINTED "B.M."
	6.067		.119			5.419		.117		
	5.948		.119			5.302		.113		
	5.829		.238			5.189		.230		
8	17.844	5.948		3.314		15.910	5.303		3.305	
	4.862		.214			4.977		.221		
	4.648		.216			4.756		.219		
	4.432		.430			4.537		.440		
9	13.942	4.647		3.744		14.270	4.757		3.745	
		44.803					45.683			

F.B. 1363 P.G. 244

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by A. D. SMITH Time 2:20 TO 3:05 Rod No. 546

Name L. A. CO. PRECISE LEVELING
Job No. 0301.02
From B.M. 42-6 To B.M. 42-5
Date 8-17-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.438	44.803	.221	3.744		5.591	45.683	.215	3.745	
	5.217		.220			5.376		.216		
	4.997		.441			5.160		.431		
10	15.652	5.217		4.185		16.127	5.376		4.176	
	6.844		.215			4.700		.210		
	6.629		.212			4.490		.209		
	6.417		.427			4.281		.419		
11	19.890	6.630		4.612		13.471	4.490		4.595	
	6.592		.211			5.243		.211		B.M. 42-5
	6.381		.210			5.032		.212		SALE AVE. & 9TH AVE.
	6.171		.421			4.820		.423		SEE F.B. 1363-181
12	19.144	6.381		5.033	87°	15.095	5.032		5.018	FOR DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 63.031
										TOTAL FORESIGHTS - 60.581
										DIFF. 42-6 TO 42-5 + 2.450
										DIFF. 42-6 TO T.B.M. - 1.415
										" T.B.M. TO 42-5 + 3.865
	63.031					60.581				F.B. 1363 PG. 245

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

L. A. CO. PRECISE LEVEL NET
Name
Job No.
From To.
Date
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS

F.B. 1363 P.G. 246

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by A. D. SMITH Time 3:05 TO 3:30 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 42-6 To B.M. 38-13
Date 8-17-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.257		.215		#5	5.019		.219		B.M. 42-6
	6.042		.212			4.800		.219		GALE AVE. & KWIS AVE.
	5.530		.427			4.581		.438		SEE F.B. 1363-182
1	18.129	6.043		.427	87°	14.400	4.800		.438	FOR DESCRIPTION
	5.389		.219			4.700		.218		
	5.170		.218			4.482		.217		
	4.952		.437			4.265		.435		⊼ E. LANDA
2	15.511	5.170		.864		13.447	4.482		.873	
	5.972		.212			4.929		.210		
	5.760		.209			4.719		.210		
	5.551		.421			4.509		.420		
3	17.283	5.761		1.285		14.157	4.719		1.293	
	4.371	16.974	.219			5.167	14.001	.216		
	4.152		.217			4.951		.212		
	3.935		.436			4.739		.428		
4	12.458	4.153		1.721		14.857	4.952		1.721	
	4.898		.221			4.575		.225		
	4.677		.221			4.350		.221		
	4.456		.442			4.129		.446		
5	14.031	4.677		2.163		13.054	4.351		2.167	
		25.804					23.304			

F.B. 1363 P.G. 247

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by A. D. SMITH Time 3:05 TO 3:35 Rod No. 516

Name L. A. CO. PRECISE LEVEL NO. 1
Job No. 0301.02
From B.M. 42-6 To B.M. 38-13
Date 8-17-54
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.695	25.804'	.215	2.163'		4.568	23.704'	.246	2.167'	+ 5100
	5.480		.211			4.322		.242		- 2154
	5.269		426			4.080		488'		+ 2.946
6	16.444'	5.481'		2.589'		12.970'	4.323'		2.655'	
	6.062		.248			4.698		.219		B.M. 38-13
	5.814		.247			4.479		.215		GALE AVE. & HACIENDA BLVD.
	5.567		495'			4.264		434'		SEE F.B. 1359-19
7	17.443'	5.814'		3.084'	90°	13.441'	4.480'		3.089'	FOR DESCRIPTION
	5.135	37.099'	.135			2.188	32.107'	.034		T.B.M. #4 (Line #38) HACIENDA BLVD. &
	5.100		.035			2.154		.033		GALE AVE, N.W. COR., L.& T. IN
	5.065		070			2.121		067'		S.W. COR OF CONC. IRRIGATION
8	15.300'	5.100'		3.154'		6.463'	2.154'		3.156'	WEIR BOX PAINTED "B.M."
		42.199					34.261			
										SUMMATION OF RUN
										B.M. 42-6 TO B.M. 38-13
										TOTAL BACKSIGHTS + 37.099'
										TOTAL FORESIGHTS - 32.107'
										DIFF. IN ELEVATIONS + 4.992'
										DIFF 38-13 TO T.B.M. #5 + 2.946

F.B. 1363 P.G. 248

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 8 50 TO 9 35 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0 201.02
From B.M. 38-13 To B.M. 42-6
Date 8-18-54
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.254		033		#5	5.200		035		T.B.M. # 4 (Line # 38) HACIENDA BLVD
	2.221		032			5.165		035		& GALE AVE, N.W. COR L & T IN
	2.189		065			5.130		070		S.E. COR OF CONC. IRRIGATION
1	6.664	2.221		.065	66°	15.495	5.165		.070	WEIC BOX PAINTED B.M.
	3.980		233			5.323		232		B.M. 38-13
	3.747		232			5.091		231		HACIENDA BLVD. & GALE AVE
	3.515		465			4.860		463		SEE F.B. 1359-19
2	11.242	3.747		.530		15.274	5.071		.533	FOR DESCRIPTION
	4.516		239			5.656		219		
	4.277		237			5.437		218		
	4.040		476			5.219		437		
3	12.833	4.278		1.006		16.312	5.437		.970	
	4.791		218			5.132		227		
	4.573		216			4.905		225		
	4.357		434			4.680		452		
4	13.721	4.574		1.448		14.717	4.906		1.422	
		14.820					20.579			

F.B. 1363 P.G. 247

- 5.165
+ 2.221
- 2.944

1363

78P5 ... 879 1-54

Chief of Party ... Weather ... Inst. No. ...
Notes by G.E. DREIER Time 8:50 TO ... Rod No. 5?6

Name ...
Job No. 0301.02
From B.M. 38-13 To B.M. 42-6
Date 8-18-54
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.207	14.820	211	1.440		4.421	20.579	221	1.422	
	4.996		211			4.200		220		
	4.785		422			3.980		441		SUMMATION OF RUN
5	14.988	4.996		1.862		12.601	4.200		1.863	TOTAL BACKSIGHTS + 33.624
	4.901		210			5.948		211		TOTAL FORESIGHTS - 41.564
	4.691		211			5.737		210		DIFF T.B.M.# TO 42-6 - 7.940
	4.480		421			5.527		421		" " TO 38- - 2.944
6	14.072	4.691		2.283		17.212	5.737		2.284	" 38-13 TO 42-6 - 4.996
	4.616		218			5.300		218		
	4.398		218			5.082		217		
	4.180		436			4.865		435		
7	13.194	4.398		2.719		15.247	5.082		2.719	
	4.938		219			6.180		215		B.M. 42-6
	4.719		218			5.965		213		GALE AVE & KWIS AVE
	4.501		437			5.752		428		SEE F.B. 1396-182
8	14.158	4.719		3.156		17.897	5.966		3.147	FOR DESCRIPTION
		33.624					41.564			

FB 1363 PG 250