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Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

F. B. Pg.

Microfilmed Jan '88

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Do not extend notes this side of this line.

F. B. _____ PG. _____

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Office Work
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Date

L.A. CO. PRECISE LEVEL NET

Survey of
W. O. 4923 Tape No. St'd. °F
Surveyed by G. E. DREIER
Notes Date 4-52
Indexed A. C. Johnson 5-5-53

F. B. 1395 PG. 5

LINE NO. 22

JOB NO. 4923

L.A. CO. PRECISE LEVEL NET

CRENSHAW BLVD FROM ROSECRANS AVE TO PAC. COAST HWY.

G. DREIER
E. LANDA
M. SONNENSCHEIN
T. OHASHI
R. HEMPFLING
D. KEVELIN

B.M.'S 22-17, 18, 19 & 20 ON PAGES 113 TO 117 INCL. (4E6.)

SEE F.B. 3705

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76F3095 247 2-51

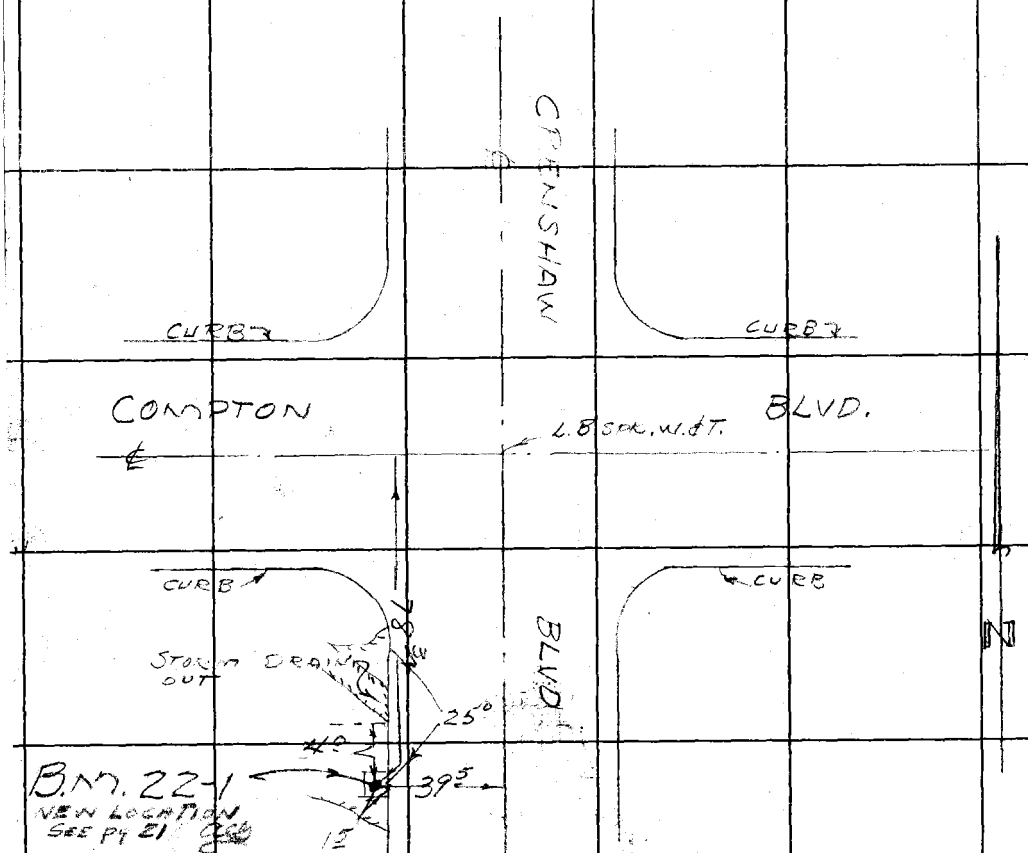
F. B. 1395 PG. 6

B.M. 22-1

CRENSHAW BLVD AND COMPTON BLVD,

A STANDARD COUNTY SURVEYOR MONUMENT STAMPED "B.M. 22-1 1952 R.E. 63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE, 78.3 FEET SOUTH OF THE ℄ OF COMPTON BLVD, AND 39.5 FEET WEST OF THE ℄ OF CRENSHAW BLVD, 1.5 FEET BACK OF THE CURB AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

1953 ADJ. ELEV. 50.134



Reported not found 5/6/54

RECOVERED 5-13-70 G.E.D., 2 INCHES BELOW SURFACE OF CONC DRIVEWAY IN A 2"x4" HOLE

RETURN TO
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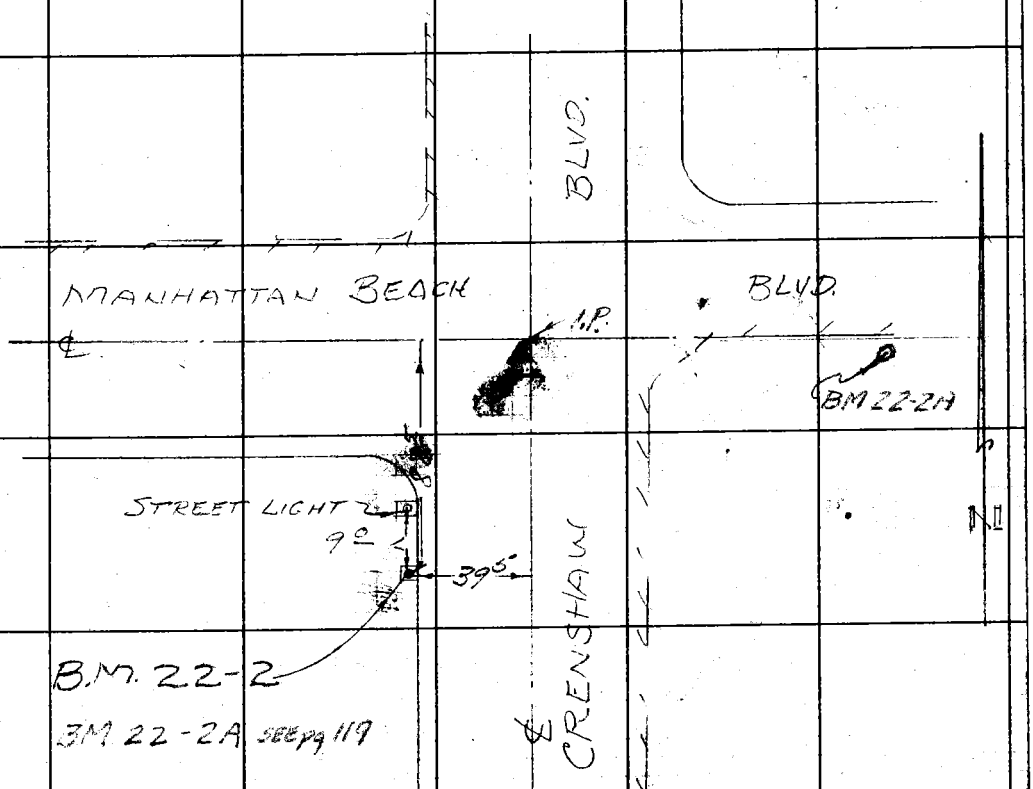
Office Work	Surveyed by C. E. DREIER
Checked	Notes C. E. DREIER Date 4-15-53
Date	Indexed A. C. Johnson

F. B. 1395 Pg. 7

B.M. 22-2

CRENSHAW BLVD AND MANHATTAN BEACH BLVD, S.W. COR, A STANDARD COUNTY SURVEYOR MONUMENT STAMPED "B.M. 22-2 1952 R.E. 63 SET IN CONCRETE 10 INCHES BELOW THE SURFACE, 39.5 FT WEST OF THE ℄ CRENSHAW BLVD, 88.5 FEET SOUTH OF THE ℄ OF MANHATTAN BEACH BLVD, 1.5 BACK OF THE CURB AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

1953 ADJ. ELEV. 45.790 ✓



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76F309S 247 2-51

F.B. 1395 PG. 8

B.M. 22-3 (L.A. Co. RD. DEPT. B.M. 135)
CRENSHAW BLVD. AND CHERRY ~~ST.~~ AVE, A COPPER DISK MARKED "L.A. Co. RD. DEPT B.M. 135" SET IN TOP OF CONCRETE HEADWALL OF BOX CULVER OVER DOMINGUEZ CHANNEL, 128.5 FEET WEST OF ℄ CRENSHAW BLVD AND 25.5 FEET N'LY FROM ℄ CHERRY ~~ST.~~ AVE.

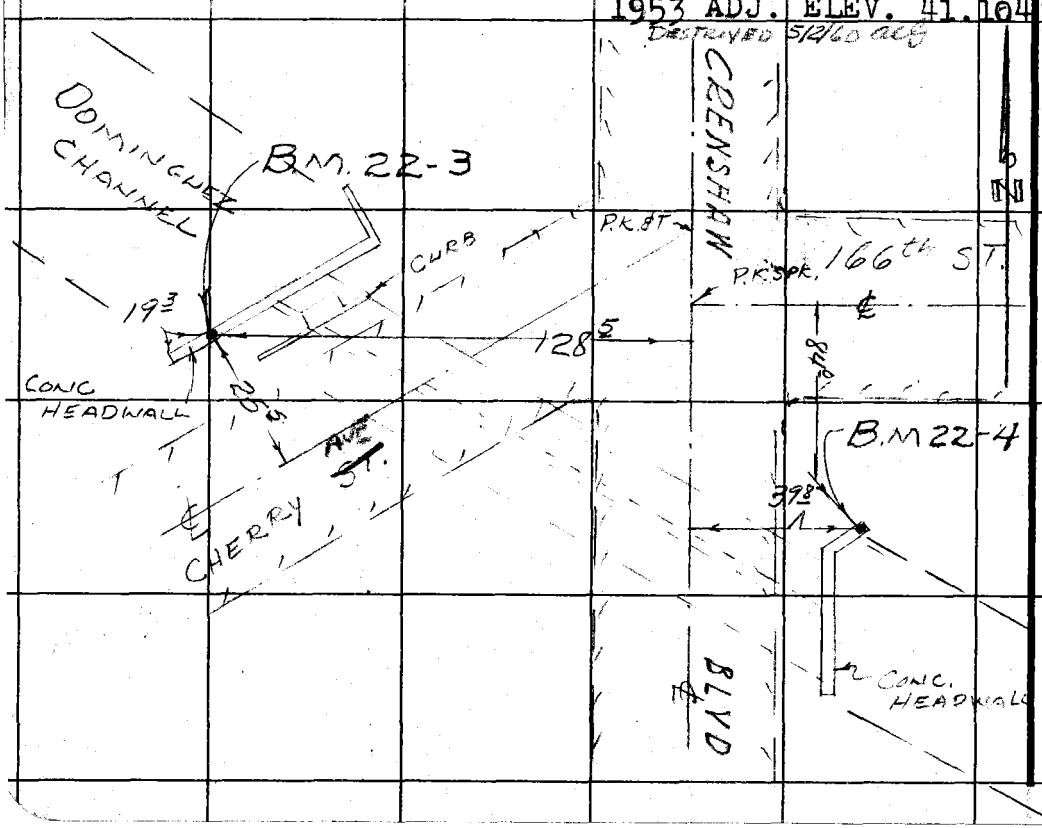
1953 ADJ. ELEV. 41.044

DESTROYED 5/2/60 acb
SEE pg 123 FOR NEW BM

B.M. 22-4 (F.C. B.M. 113-14)
CRENSHAW BLVD AND 166th STREET, S.E. COR., A STANDARD F.C. BRASS DISK MARKED "B.M. 113-14" SET IN MOST NORTH EASTERLY END OF CONCRETE HEAD WALL TO CONCRETE BOX CULVERT UNDER CRENSHAW BLVD, 39.8 FEET EAST OF ℄ CRENSHAW BLVD. AND 84.8 FEET SOUTH OF ℄ 166th ST.

1953 ADJ. ELEV. 41.104

DESTROYED 5/2/60 acb



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Map No.	W.O. 4923 Tape No. St'd. °F	
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Checked	Notes C.E. DREIER Date 4-16-53	
Date	Indexed A. C. Johnson	

THIS B.M. APPARENTLY REPLACE BY TRAVERSE STATION "TORRANCE M-4" LED.

B.M. 22-5

CRENSHAW BLVD. AND 174th STREET, ℄ INTERSECTION, A 1 INCH BRASS ROD SET IN CONCRETE 6 INCHES BELOW THE SURFACE PROTECTED BY A CAST IRON COVER MARKED "CITY MONUMENT," (TORRANCE)

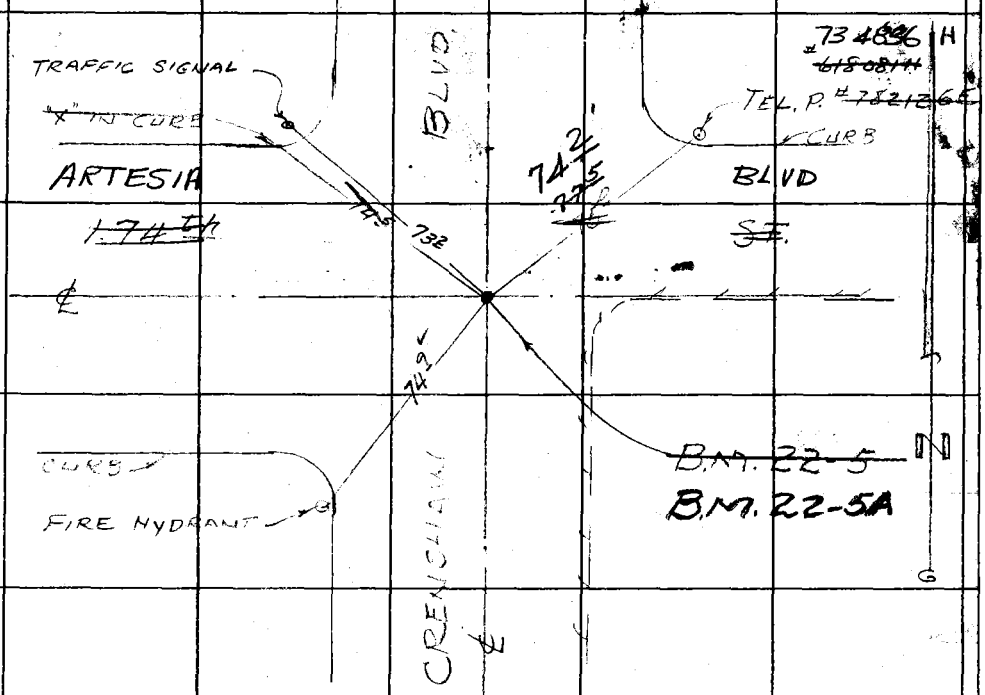
1953 ADJ. ELEV. 54.562'

2-23-56

B.M. 22-5A (CITY L.A. TORRANCE M-4 1955)

CRENSHAW BLVD. AND ~~174th St.~~ ARTESIA BLVD ℄ INTERSECTION, A STD. CITY L.A. TRAVERSE STA. MON. 3 1/2" diameter STAMPED "TORRANCE M-4 1955" ~~8~~ 12" INCHES BELOW PAVEMENT UNDER CAST IRON COVER.

W. Voge
5-21-65



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76F3085 247 2-51

F. B. 1395 PG. 10

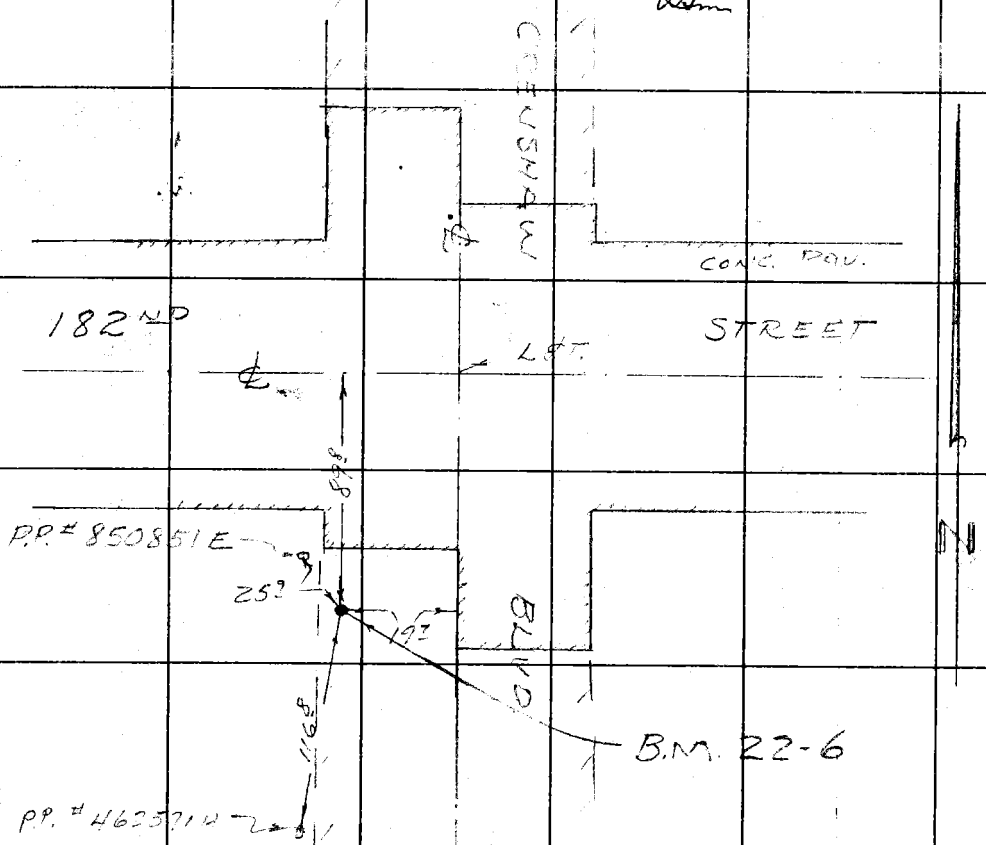
B.M. 22-6

CRENSHAW BLVD AND 182ND STREET

S.W. COR., A STANDARD COUNTY SURVEYOR MONUMENT MARKED "B.M. 22-6 1952 R.E. 63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE, 19.7 FEET WEST OF THE ℄ OF CRENSHAW BLVD AND 89.8 FEET SOUTH OF THE ℄ 182ND ST, AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

1953 ADJ. ELEV. 60.138

9/2/65
See FB 3705-14 for new description



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Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET
Map No.	W. O. 4923 Tape No. St'd. °F
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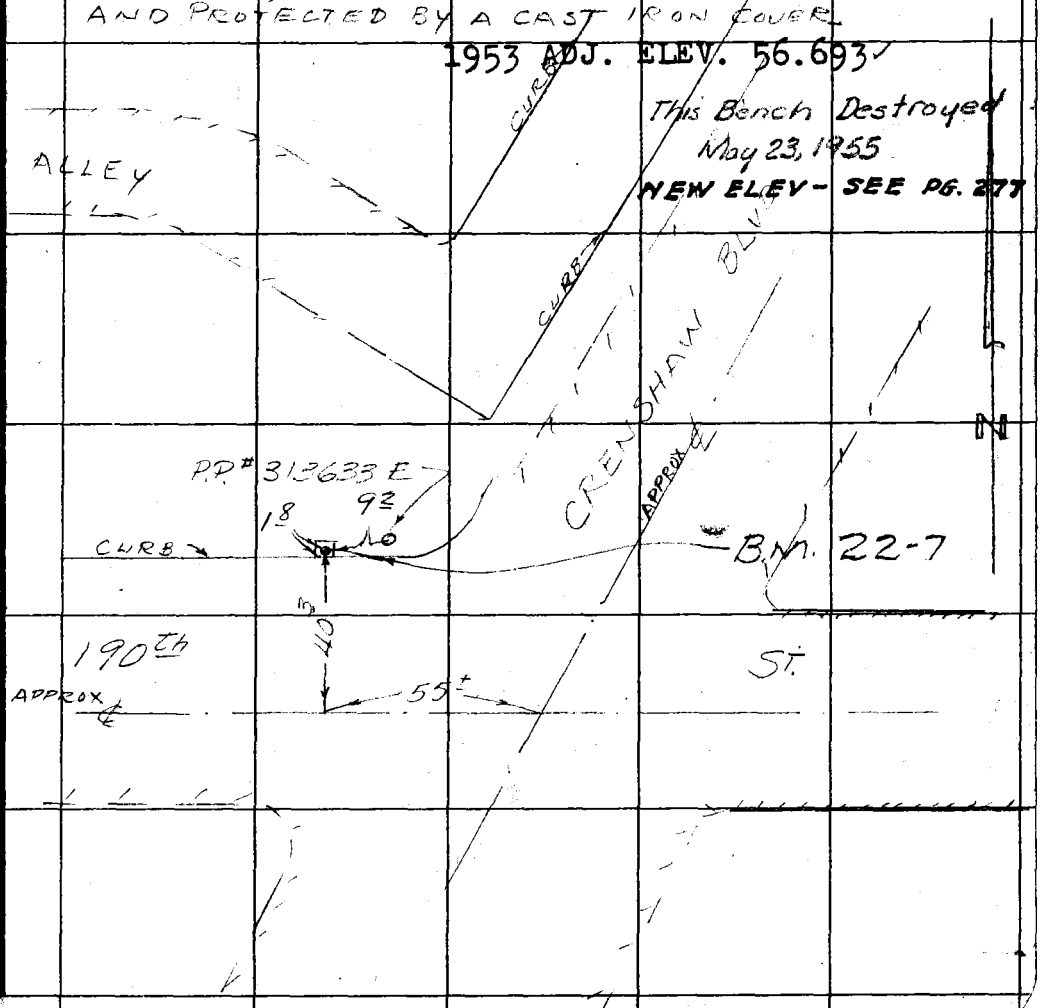
Checked	Notes G.E. DREIER Date 4-15-53
Date	Indexed R. C. Johnson

F.B. 1395 Pg. 11

B.M. 22-7 REPLACED BY BM 22-7A pg 125
CRENSHAW BLVD AND 190th STREET, N.W. COR.,
A STANDARD COUNTY SURVEYOR MONUMENT
STAMPED B.M. 22-7 1952 R.E. 63 SET IN
CONCRETE 7 INCHES BELOW THE SURFACE,
±55 FEET WEST OF ℄ INTERSECTION AND 40.3
FT. NORTH OF APPROX ℄ OF 190th ST., 1.8' BACK OF
THE CURB, 9.2 FEET WEST OF POWER POLE #313633E,
AND PROTECTED BY A CAST IRON COVER.

1953 ADJ. ELEV. 56.693

This Bench Destroyed
May 23, 1955
NEW ELEV - SEE PG. 277



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76F309S 247 2-51

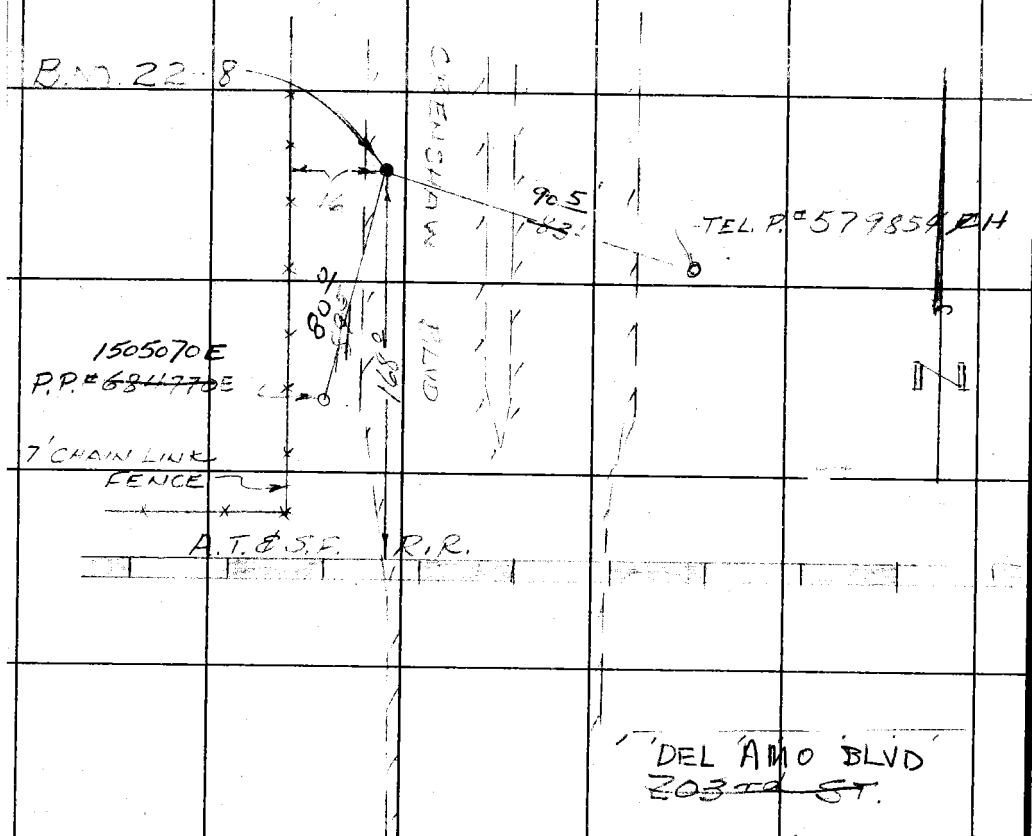
F. B. 1395 PG. 12

B.M. 22-8

CRENSHAW BLVD. NORTH OF ~~203RD~~ Del Amo Blvd ST.,
A STANDARD Button COUNTY SURVEYOR MONUMENT
2½" diameter, STAMPED "B.M. 22-8 1952 RE.65" SET IN CONC.
9 INCHES BELOW THE SURFACE, 168 FT.
NORTH OF THE NORTH RAIL OF THE A.T.&
S.F. R.R., 16 FEET EAST OF A 7 FT CHAIN
LINK FENCE, ~~48.0~~ 80.0 FEET NORTHERLY FROM
POWER POLE # ~~684770E~~ 1505070E AND ~~53.1~~ 90.5 FEET
N.WLY FROM TELEPHONE POLE # 579854EH
IN A WELL PROTECTED BY A CAST IRON
COVER MARKED "COUNTY SURVEYOR MONUMENT"

W. Vogt
5-21-65

1953 ADJ. ELEV. 67.144'



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Map No.	W. O. 4923 Tape No. St'd. °F	
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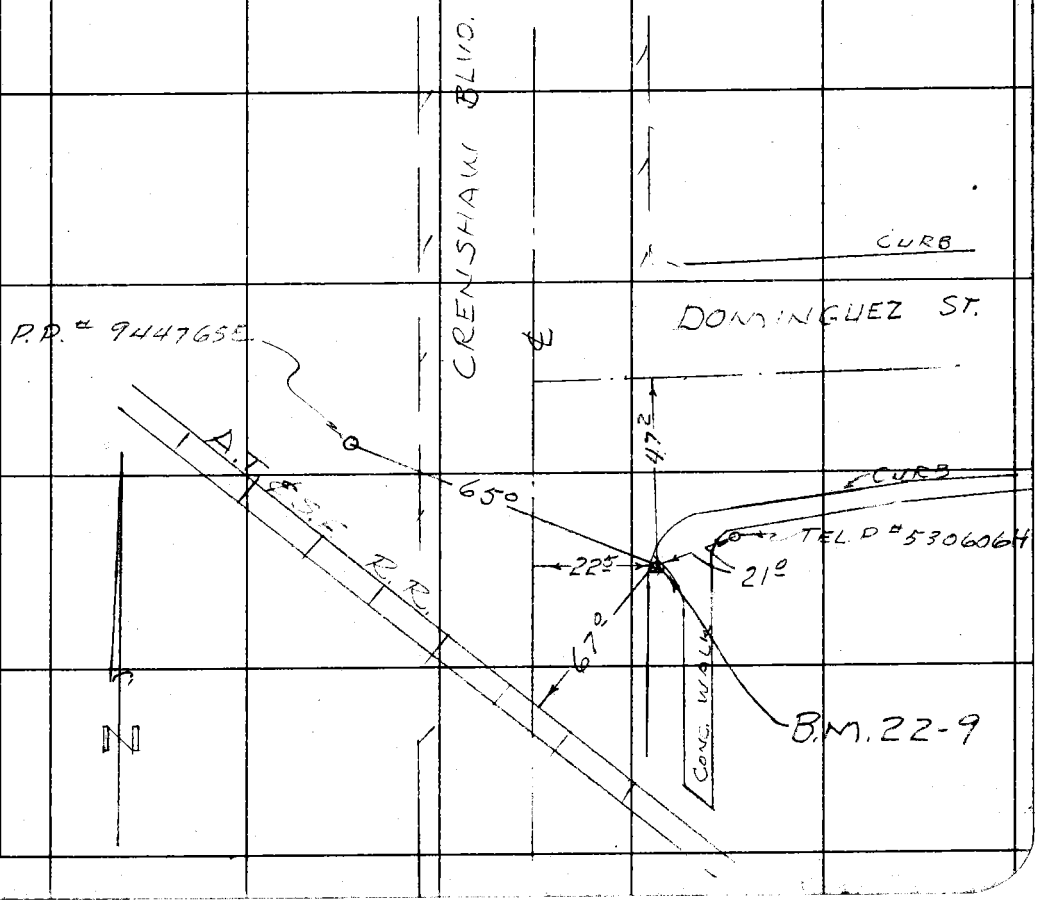
Checked	Notes G.E. DREIER Date 4-17-53	
Date	Indexed A. C. Johnson	

B.M. 22-9 (NOT RECOVERED) REPLACED BY BM 22-9A pg 126 O.B.

CRENSHAW BLVD AND DOMINGUEZ ST., S.E. COR., A STANDARD COUNTY SURVEYOR MONUMENT STAMPED "B.M. 22-9 1953 R.E. 63" SET IN CONCRETE 15 INCHES BELOW THE SURFACE, 22.5 FT EAST OF THE ℄ OF CRENSHAW BLVD AND 47.2 FT SOUTH OF THE ℄ OF DOMINGUEZ ST., BACK OF THE CURB AT JUNCTION OF CURB AND SIDEWALK. PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

1953 ADJ. ELEV. 78.205

SEE F.B. 3705-23 FOR B.M. 22-9B



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76F3095 247 2-51

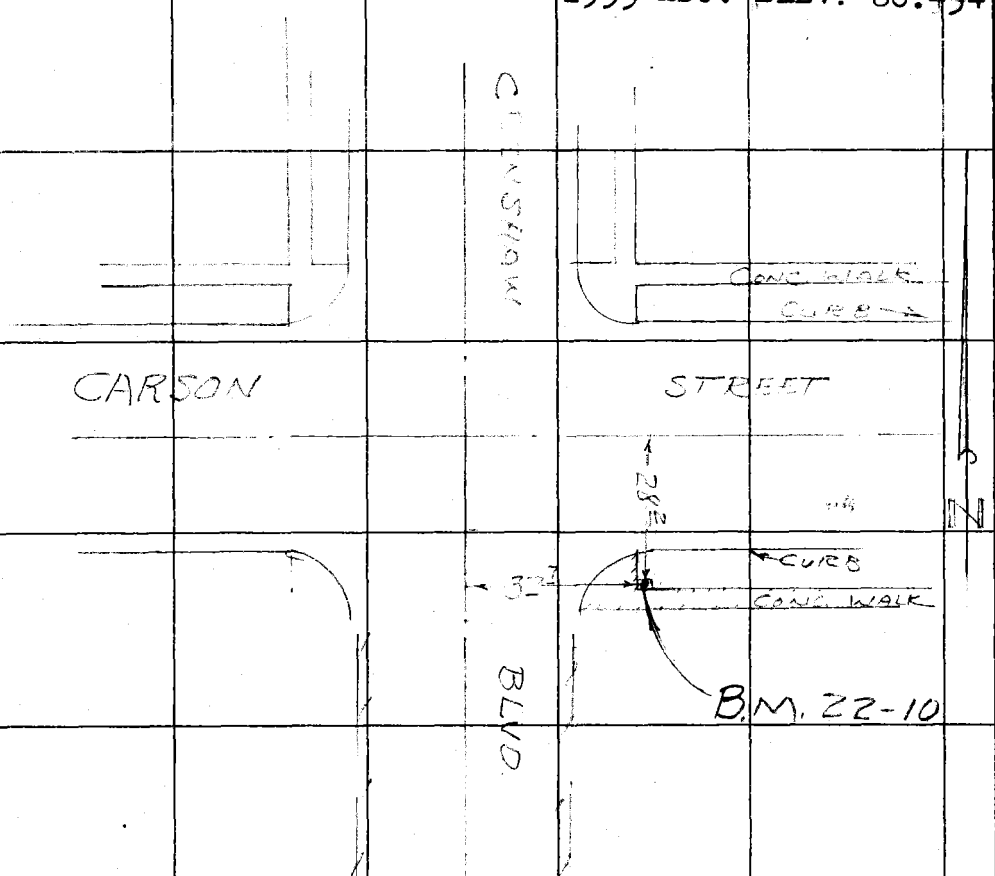
F. B. 1395 PG. 14

B.M. 22-10

CRENSHAW BLVD AND CARSON ST.

S.E. COR, A STANDARD COUNTY SURVEYOR MONUMENT STAMPED "B.M. 22-10 1952 R.E. 63" SET IN CONCRETE 13 INCHES BELOW THE SURFACE 32.7 FEET EAST OF THE ℄ OF CRENSHAW BLVD AND 28.2 FEET SOUTH OF THE ℄ OF CARSON ST, IN CORNER AT NORTH AND EAST EDGES OF SIDEWALK PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

1953 ADJ. ELEV. 86.434



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Checked	Notes G.E. DREIER Date 9-57
Date	Indexed J. C. Johnson 5-29-57

F. B. 1395 PG. 14 A

JOB No. 0301.02

L.A. Co. PRECISE LEVEL NET

NEW DESCRIPTION AND TIES FOR B.M. 22-10

DREIER
OHASHI
MELENDEZ
DOVER

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76F309S 247 10M 1-49

F. B. 1395 PG. 14 B

B.M. 22-10 (RESET) 9/24/65

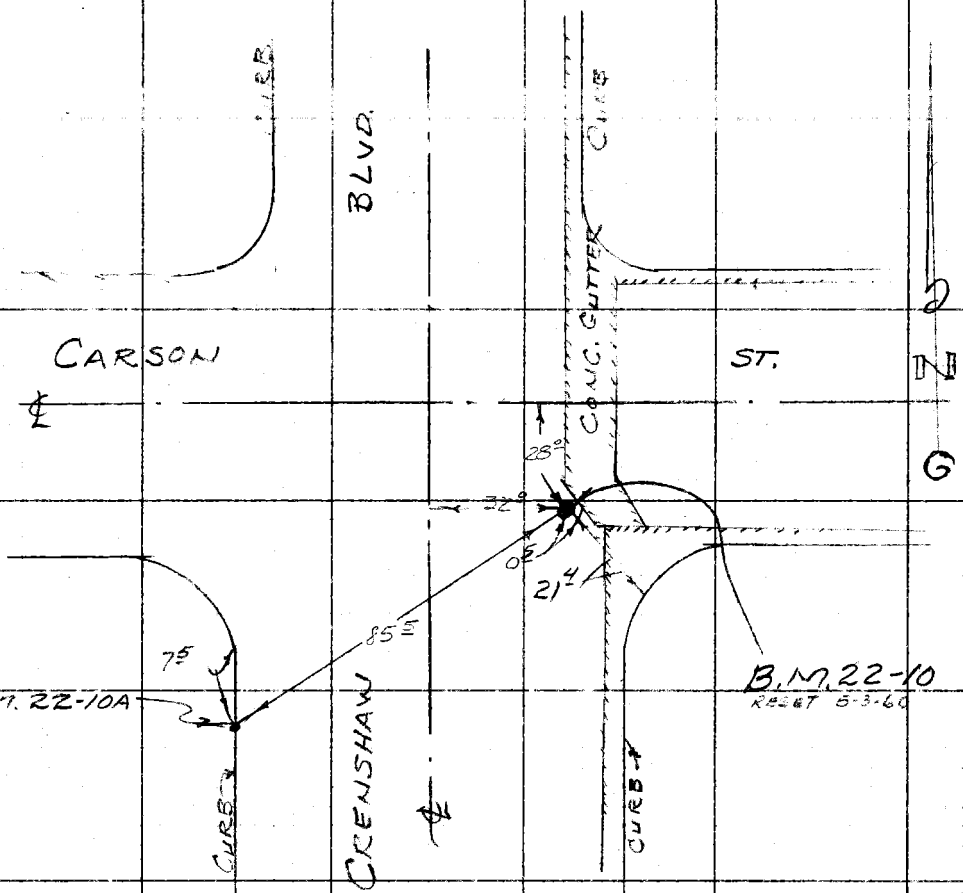
CRENSHAW BLVD. AND CARSON ST., 32° FT. EAST OF ℄, AND 28° FT. SOUTH OF ℄, 21.4 FT. N.W. OF APPROX. CENTER OF CURB RETURN, 0.5 FT. S.W. OF EDGE OF CONC. CROSS GUTTER ("→" CHISELED ON EDGE OF GUTTER) A STD. C.S. MON. STAMPED "B.M. 20-10 195 R.E. "

NOTE:- THIS IS ORIGINAL B.M. 20-10 AND HAS BEEN WELL PROTECTED THROUGH RECONSTRUCTION OF INTERSECTION.

Button sheared off. Replaced with new BM cap MKD "BM 22-10 RESET 1960 RE 5867" 5-3-60

Mon. in Well dn. 4", with Co. Engr. Cover. W.J.V. 5-24-65

B.M. 22-10A, CRENSHAW BLVD. AND CARSON ST., S.W. COR., BT. SPK. IN CURB 7.5 FT. S. OF S. END OF CURB RETURN.



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Map No.	W.O. 4923 Tape No. St'd. °F	
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Date	Indexed E. C. Johnson	

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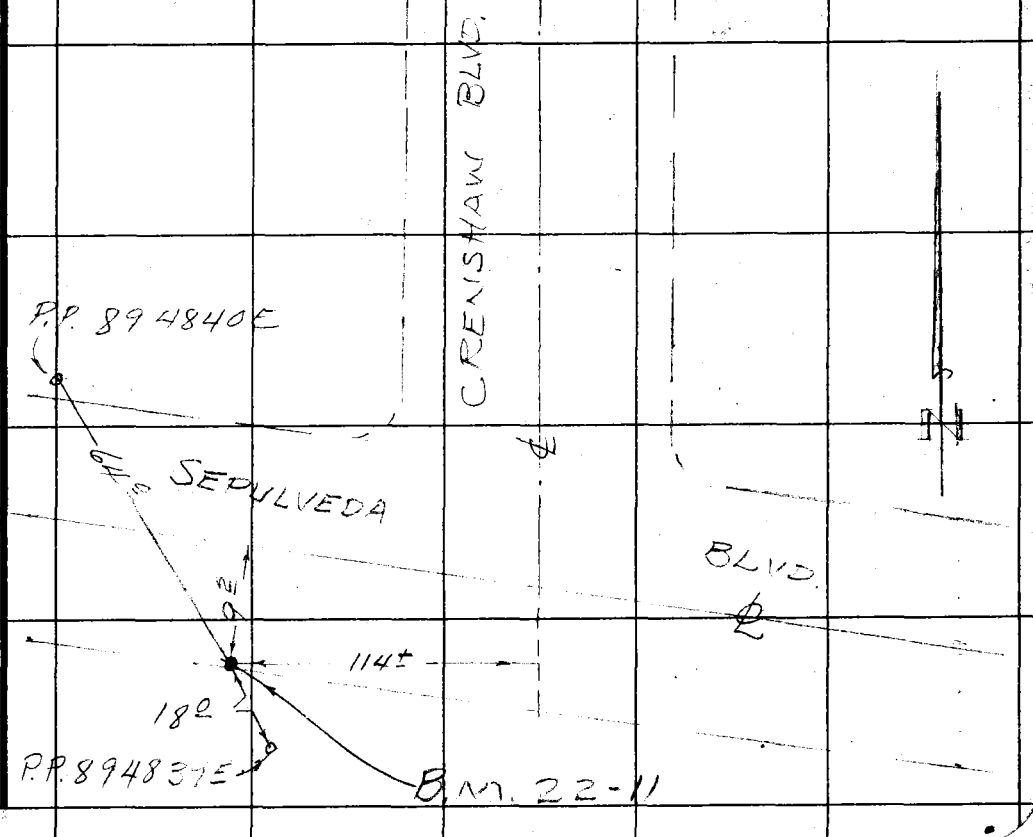
B.M. 22-11

SEPULVEDA BLVD. AND CRENSHAW BLVD, A STANDARD COUNTY SURVEYOR MONUMENT, STAMPED "B.M. 22-11 1953 RE.63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE, 92 FT. S'LY FROM THE ℄ OF SEPULVEDA BLVD AND ±114 FT WEST OF THE ℄ PROD OF CRENSHAW BLVD, 18.0 FT N.W. OF P.P. #894839E AND 64.0 S.E. OF P.P. #894840E AND IN LINE WITH N.ELY EDGES OF POLES, AND PROTECTED BY A CAST IRON COVER STAMPED "COUNTY SURVEYOR MONUMENT"

1953 ADJ. ELEV. 78.280 ✓

NOT RECOVERED 2-20-56 H.S.D.



76F309S 247 2-51

F. B. 1395 PG. 16

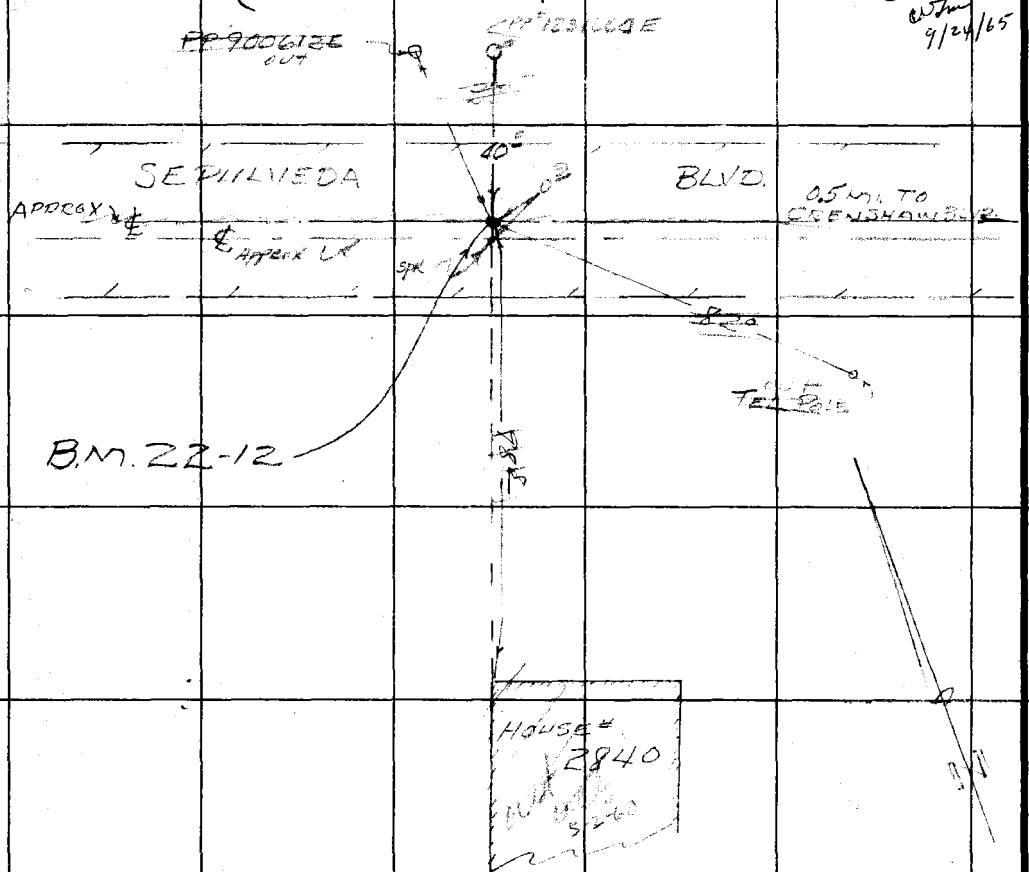
B.M. 22-12

SEPULVEDA BLVD, 0.5 MILE WEST OF CRENSHAW BLVD, A STANDARD COUNTY SURVEYOR MONUMENT STAMPED "B.M. 22-12 1952 RE63" SET IN CONCRETE 24 INCHES BELOW THE SURFACE ON APROXIMATE ℄ OF SEPULVEDA BLVD AND ~~ON N.E'LY PROLONGATION OF W'LY SIDE OF AND 98.8 FT FROM HOUSE NO 2840, 23.8 FEET S'LY FROM POWER POLE NO. 900612E AND 82.0 FT N.W'LY FROM TEL. POLE (NO NUMBER)~~, AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

1953 ADJ. ELEV. 83.428 ✓

(See new description FB 3705-29)

WJm 9/24/65



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Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 4-21-53
Date	Indexed A. C. Johnson

F. B. 1395 Pg. 17

B.M. 22-13 (TORRANCE K-9)

SEPULVEDA BLVD AND HAWTHORNE AVE, TO SOUTH, A STANDARD L.A.CO. TRAVERSE STATION BRASS DISK "TORRANCE K-9 1942 RE 2177" SET IN CONCRETE 11 INCHES BELOW THE SURFACE 7.2 FT. EAST OF THE ℄ INTERSECTION PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

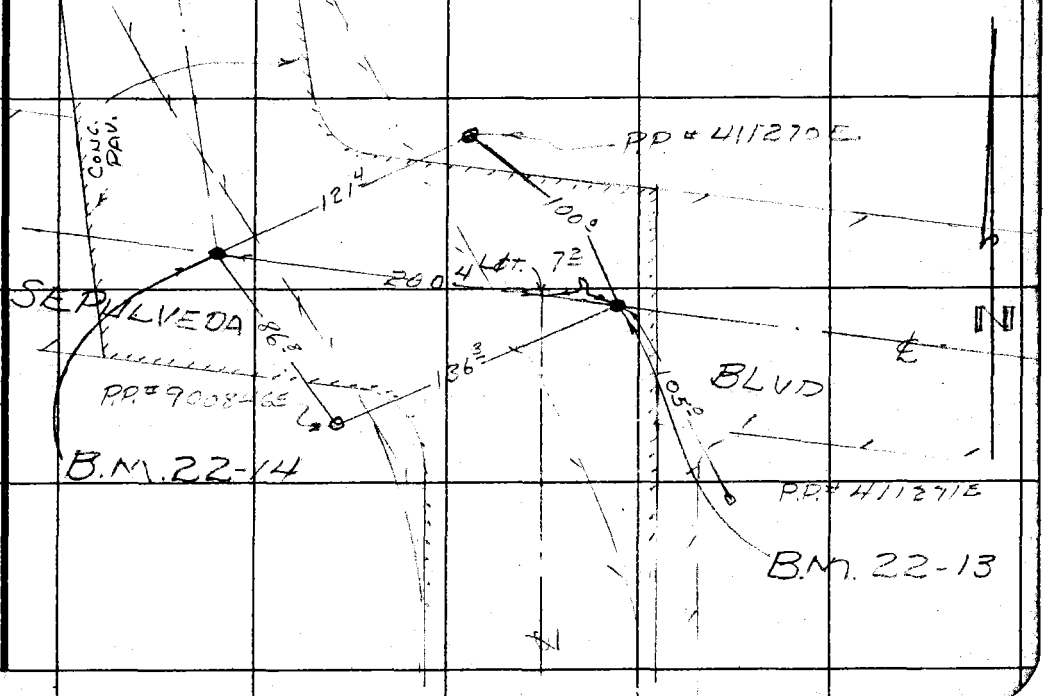
1953 ADJ. ELEV. 80.118✓

B.M. 22-14 (TORRANCE J-9)

SEPULVEDA BLVD AND HAWTHORNE AVE, TO NORTH, A STANDARD L.A.CO. TRAVERSE STATION BRASS DISK "TORRANCE J-9 1942 RE 2177" SET IN CONCRETE 11 INCHES BELOW THE SURFACE, ON ℄ INTERSECTION AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

1953 ADJ. ELEV. 81.082✓

SEE F.B. 3705-33 FOR LATER DESC. & SKETCH



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76F309S 247 2-51

TOR. J-9
TOR. K-9

F. B. 1395 PG. 18

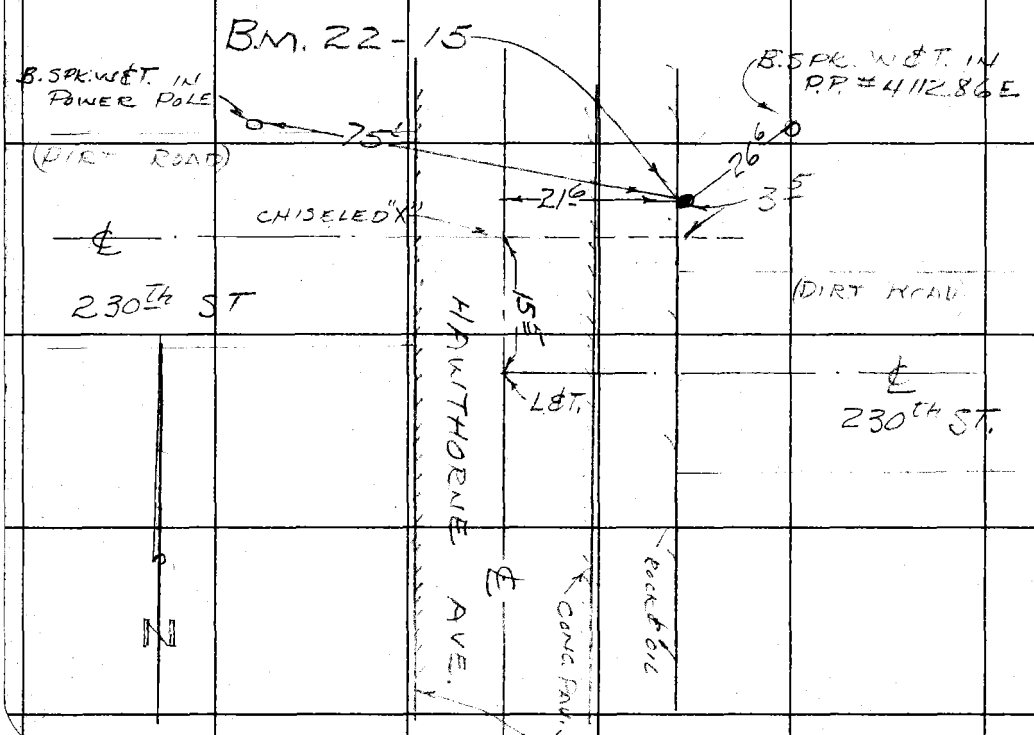
B.M. 22-15 (TORRANCE K-10)

HAWTHORNE AVE AND 230th STREET, A STANDARD L.A. Co TRAVERSE BRASS DISK, "TORRANCE K-10 1942" SET IN CONCRETE 11 INCHES BELOW THE SURFACE, 21.6 FT EAST OF THE ℄ OF HAWTHORNE AVE AND 3.5 FEET NORTH OF THE ℄ OF 230th ST. (TO WEST) PRODUCED EASTERLY IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

1953 ADJ. ELEV. 82.295 ✓

NOT RECOVERED 5-2-60 ACG

REPLACED BY BM 22-15A pg 129



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

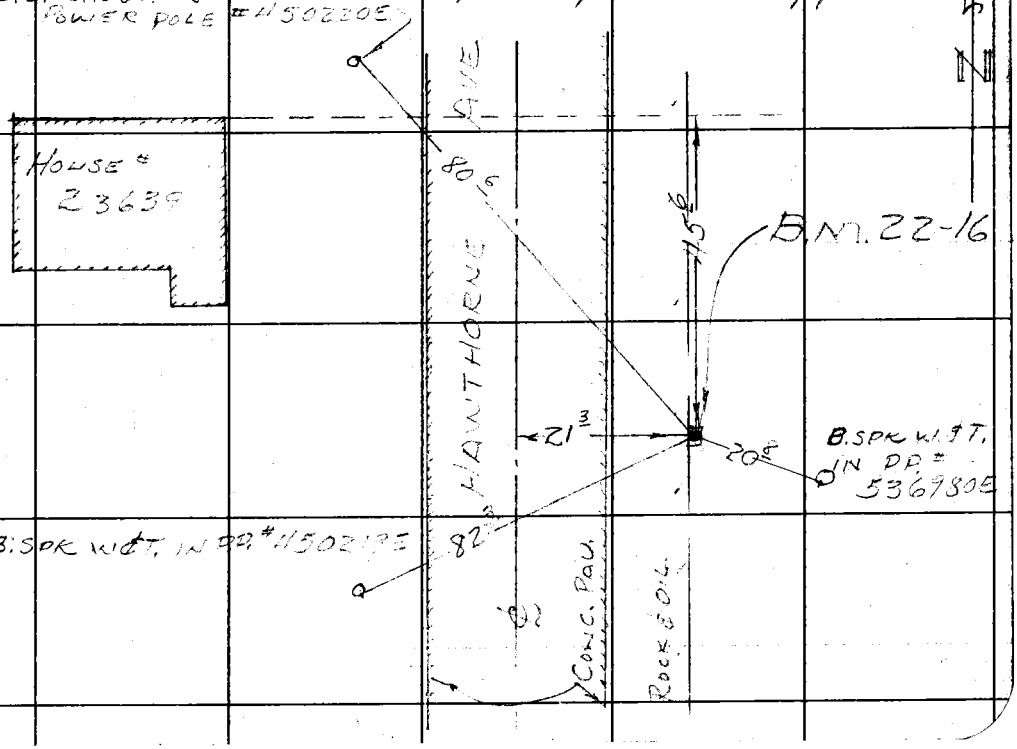
L.A. CO. PRECISE LEVEL NET

Surveyor
W. O. 1923 Tape No. St'd. °F
Surveyed by G. E. DREIER
Notes G. E. DREIER Date 4-21-53
Indexed K. C. Johnson

F. B. 1395 Pg. 19

B.M. 22-16 (TORRANCE K-11)
HAWTHORNE AVE., 0.3 MI NORTH OF PACIFIC COAST HWY., A STANDARD L.A. CO. SURVEYOR TRAVERSE STATION BRASS DISK MARKED "TORRANCE K-11 1942 RE 2177" SET IN CONCRETE 11 INCHES BELOW THE SURFACE ON EAST EDGE OF ASPHALT PAVEMENT 21.3 FEET EAST OF ℄ OF HAWTHORNE AVE, 45.6 SOUTH OF NORTH SIDE OF HOUSE No. 23639, 20.8 FEET N.W. FROM POWER POLE No. 5369805, 82.3 FEET N.E. FROM POWER POLE No. 4502195, 80.6 FEET S.E. FROM POWER POLE No. 4502205, PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

1953 ADJ. ELEV. 71.329 ✓
NOT RECOVERED 5-2-60 ACG
REPLACED BY BM 22-16 A pg 130



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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 247 2-51

F. B. 1395 PG. 20

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

Do not extend notes this side of this line.

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

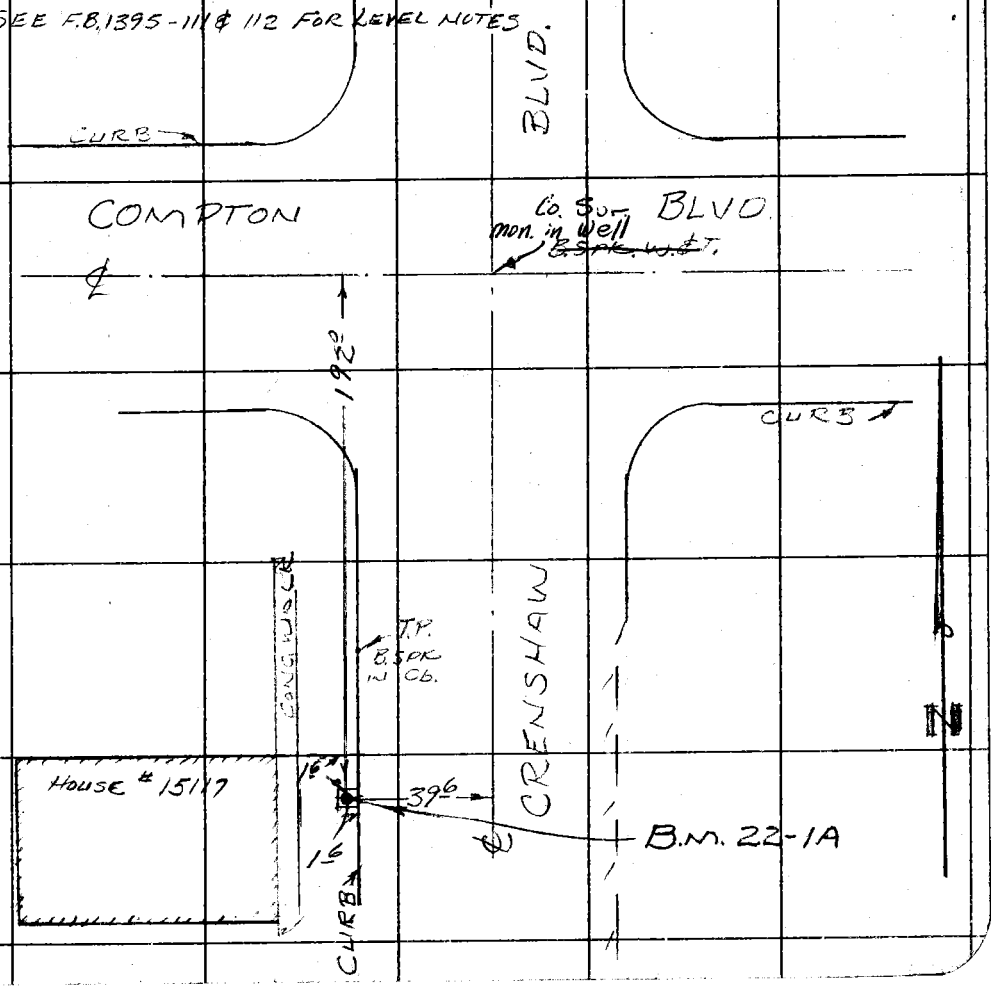
F.B. 1395 PG. 21

Notes Ck'd by	Survey of L.A. Co. PRECISE LEVEL NET
Map No.	W.O. 4923 Tape No. St'd. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 7-2-53
Date	Indexed C. Johnson 12-21-53

B.M. 22-1A

CRENSHAW BLVD AND COMPTON BLVD., A STANDARD COUNTY SURVEYOR Button MONUMENT 2 1/4" diameter STAMPED-"B.M. 22-1A 1953 (W. Voge 5-21-65) R.E. 63" SET IN CONCRETE 13 INCHES BELOW THE SURFACE, 192.0 FT. SOUTH OF THE ℄ OF COMPTON BLVD AND 39.6 FT. WEST OF THE ℄ OF CRENSHAW BLVD, 1.6 FT BACK OF CURB & 1.6' S of prod of N. Side of House # 15117. PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT" ~~[illegible]~~.

SEE F.B. 1395-111 & 112 FOR LEVEL NOTES



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

Do not extend notes this side of this line.

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

76F309S 247 2-51

F. B. 1395 PG. 37

RETURN TO
LOS ANGELES COUNTY SURVEYOR
72 5 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather CLOUDY Inst. No. 70010
Notes by R. HEMPFLING Time 10:00 TO 10:4[illegible] Rod No. 264

Name L. A. CO. PRECISE LEVEL NET
Job No. [illegible]
From [illegible] 21-11 To [illegible] 22-1
Date [illegible]-13-53
Indexed L. C. Johnson 5-5-53

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
	8.455		218			3.682		224		[illegible] 21-11 (F.C. R/W 110-4)
	8.237		215			3.458		221		Cross [illegible] 3rd & [illegible]
	8.022		433			3.237		445		[illegible] F.B. 139-12
1.	24.714	8.238		433	67°	10.377	3.459		445	[illegible] description
	4.338		216			8.603		215		
	4.622		212			8.388		216		A. E. LANDA
	4.410		428			8.172		431		
2.	13.370	4.623		.861		25.163	8.388		.876	
	4.120		214			5.232		221		
	3.906		211			5.011		213		
	3.695		425			4.798		424		
3.	11.721	3.907		1.286		15.031	5.010		1.300	
	6.068		222			5.234		212		
	5.846		223			5.022		211		
	5.623		445			4.861		423		
4	17.537	5.846		1.731		15.217	5.072		1.223	
	5.627		213			5.884		212		
	5.416		211			5.672		211		
	5.205		424			5.461		423		
5.	16.250	5.417		2.155		17.017	5.672		2.146	
		28.031					27.601			

F.B. 1295 PG. 23

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: GEDDES Weather: CLOUD Inst. No.: [illegible]
Notes by: R. HEMPFLING Time: 10:00 TO 1:00 Rod No.: [illegible]

Name: L. A. CO. PRECISE LEVEL NET
Job No.: [illegible]
From: B.M. 21-1 To: B.M. 22-1
Date: 2-13-33
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
	6.390	28.031	212	2.155		5.490	22.601	211	2.146	
	6.178		211			5.279		209		
	5.967		423			5.020		420		
6.	18.535	6.178		2.578		15.839	5.280		2.566	
	5.818		216			5.268		212		
	5.602		214			5.056		209		
	5.388		430			4.847		421		
7.	16.808	5.603		3.008		15.171	5.057		2.987	
	5.045		211			4.818		219		
	4.834		207			4.599		217		
	4.627		418			4.382		436		SUMMATION OF RDN
8.	14.506	4.835		3.426		13.799	4.600		3.423	B.M. 21-11 TO B.M. 22-1
	5.184		213			4.969		216		TOTAL BACKSIGHTS = + 55.779
	4.971		211			4.373		212		TOTAL FORESIGHTS = − 53.084
	4.760		424			4.181		428		DIFF. IN ELEVATION = + 2.695
9.	14.915	4.972		3.850		13.183	4.394		3.851	
	6.368		208			6.368		217		B.M. 22-1
	6.160		207			6.151		213		CRENSHAW BLVD. & COMPTON BLVD.
	5.953		415			5.938		430		SEE F.B. 1395-6
10.	18.481	6.160		4.265	67°	18.457	6.152		4.281	FOR DESCRIPTION
		55.779					53.084			

F.B. 1395 PG. 24

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: [illegible] Weather: CLOUDY Inst. No.: 20510
Notes by: R. HEMPELING Time: 11:35 to 12:00 Rod No.: 4

Name: **L. A. CO. PRECISE LEVEL NET**
Job No.: [illegible]
From: B.M. 22-1 To: B.M. 21-11
Date: 4-13-53
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
	6.403		215		#4	6.403		208		B.M. 22-1
	6.188		216			6.195		209		CRENSHAW BLVD. & COMPTON BLVD.
	5.972		431			5.988		415		SEE F.B. 1395-6
1.	18.563	6.188		.431	67°	18.586	6.195		415	FOR DESCRIPTION
	4.540		213			5.120		214		
	4.327		214			4.906		213		π E. LANDA
	4.113		427			4.693		427		
2.	12.980	4.327		.858		14.719	4.906		.842	
	4.748		211			4.990		218		
	4.537		209			4.772		216		
	4.328		420			4.556		434		
3.	13.613	4.538		1.278		14.318	4.773		1.276	
	5.070		212			5.617		216		
	4.858		210			5.401		212		
	4.648		422			5.189		428		
4.	14.576	4.859		1.700		16.207	5.402		1.704	
	5.444		212			6.344		214		
	5.232		209			6.130		210		
	5.023		421			5.920		424		
5.	15.699	5.233		2.121		18.394	6.131		2.128	
		25.145					27.407			

F.B. 1395 PG. 25

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPFLING Time 11:25 to 12:00 Rod No. 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-1 To B.M. 21-11
Date 4-13-53
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
	5.927	5.145	211	2.121		5.668	5.407	215	2.128	
	5.716		209			5.453		213		
	5.507		420			5.240		428		
6.	17.150	5.717		2.541		16.361	5.454		2.556	
	5.277		217			6.050		220		
	5.060		214			5.830		218		
	4.846		431			5.612		438		
7.	15.183	5.061		2.972		17.492	5.831		2.994	
	5.101		222			3.983		209		
	4.879		220			3.774		209		
	4.659		442			3.565		418		SUMMATION OF RUN
8.	14.639	4.880		3.414		11.322	3.774		3.412	B.M. 22-1 TO B.M. 21-11
	8.598		215			4.835		215		TOTAL BACK SIGHTS = + 52.736
	8.383		216			4.620		214		TOTAL FORE SIGHTS = - 55.411
	8.167		431			4.406		429		DIFF. IN. ELEVATION = - 2.675
9.	25.148	8.383		3.845		13.861	4.620		3.841	
	3.771		222			8.542		218		B.M. 21-11 (F.C. R.W. 114-4)
	3.549		220			8.324		216		CRENSHAW BLVD. & ROSECRANS AVE.
	3.329		442			8.108		434		SEE F.B. 1341-16
10.	10.649	3.550		4.287	71°	24.974	8.325		4.275	FOR DESCRIPTION
		52.736					55.411			

F.B. 1395 PG. 26

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.F. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPFLING Time 1:45 to 2:45 Rod No. 4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-11 To B.M. 22-1
Date 4-13-53
Indexed L. 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
	8.398		218		#4	3.636		223		B.M. 21-11 (F.C. R/W 114-4)
	8.180		218			3.413		222		CRENSHAW BLVD. & ROSECRANS AVE.
	7.962		436			3.191		445		SEE F.B. 1391-16
1.	24.540	8.180		.436	68°	10.240	3.413		.445	FOR DESCRIPTION
	4.841		214			8.602		217		
	4.627		212			8.384		215		T. E. LANDA
	4.410		431			8.169		433		
2.	13.878	4.626		.862		25.155	8.385		.878	
	3.808		211			4.914		214		
	3.597		207			4.700		212		
	3.388		420			4.488		426		
3.	10.793	3.598		.1282		14.102	4.701		1.304	
	6.059		226			5.275		212		
	5.833		223			5.063		210		
	5.610		449			4.853		422		
4.	17.502	5.834		1.236		15.191	5.064		1.726	
	5.668		210			5.938		216		
	5.458		201			5.722		213		
	5.249		419			5.509		429		
5.	16.375	5.458		2.155		17.169	5.723		2.155	
		27.696					27.286			

F.B. 1395 PG. 27

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPELING Time 1:45 to 2:45 Rod No. 4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-11 To B.M. 22-1
Date 4-13-53
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
	6.310	27.696	213	2.155		5.420	27.286	213	2.155	
	6.104		210			5.297		210		
	5.894		423			4.927		423		
6.	18.315	6.105		2.578		15.624	5.208		2.578	
	5.598		215			5.050		211		
	5.383		213			4.839		211		
	5.170		428			4.628		422		
7.	16.151	5.384		3.006		14.517	4.839		3.000	
	5.698		216			4.891		214		
	4.862		213			4.677		212		
	4.649		429			4.415		426		SUMMATION OF RUN
8.	14.589	4.863		3.435		13.883	4.628		3.426	B.M. 21-11 TO B.M. 22-1
	5.203		214			4.629		214		TOTAL BACKSIGHTS = + 55.241
	4.989		211			4.413		212		TOTAL FORESIGHTS = − 52.570
	4.778		425			4.201		426		DIFF. IN ELEVATIONS + 2.671
9.	14.970	4.990		3.860		13.241	4.414		3.852	
	6.412		210			6.410		216		B.M. 22-1
	6.202		207			6.194		214		CRENSHAW BLVD. & COMPTON BLVD.
	5.994		418			5.980		430		SEE F.B. 1395-6
10.	18.608	6.203		4.278	68°	18.584	6.195		4.282	FOR DESCRIPTION
		55.241					52.570			

F.B. 1395 PG. 28

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R.J. NEMPELING Time 10:20 to 10:50 Rod No. 5 & 6

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-1 To B.M. 22-2
Date 4-14-53
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
	6.303		212		#5	5.366		214		B.M. 22-1
	6.091		212			5.152		212		CRENSHAW BLVD. & COMPTON BLVD.
	5.879		424			4.940		426		SEE F.B. 1395-6
1.	18.273	6.091		424	71°	15.458	5.153		426	FOR DESCRIPTION
	5.809		211			5.460		214		
	5.598		210			5.246		214		π G.E. DREIER.
	5.388		421			5.032		428		
2.	16.795	5.598		.845		15.738	5.246		.854	
	5.472		211			5.996		213		
	5.261		211			5.783		211		
	5.050		422			5.572		424		
3.	15.783	5.261		1.267		17.351	5.784		1.278	
	5.382		211			5.807		215		
	5.171		211			5.592		214		
	4.960		422			5.378		429		
4.	15.513	5.171		1.689		16.777	5.592		1.707	
	4.205		210			6.013		211		
	3.995		210			5.802		211		
	3.785		420			5.591		422		
5.	11.985	3.995		2.109		17.406	5.802		2.129	
		26.116					27.577			

F.B. 1395 PG. 29

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPFLING Time 10:20 to 10:50 Rod No. 576

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-1 To B.M. 22-2
Date 4-14-53
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
	5.101	26.116	212	2.109		5.960	29.599	212	2.129	
	4.889		212			5.748		213		
	4.677		424			5.535		425		
6.	14.667	4.889		2.533		17.243	5.748		2.554	
	5.264		221			5.830		209		
	5.043		222			5.621		209		
	4.821		443			5.412		418		SUMMATION OF RUN
7.	15.128	5.043		2.976		16.863	5.621		2.972	B.M. 22-1 to B.M. 22-2
	5.396		228			5.782		223		TOTAL BACKSIGHTS = +46.243
	5.168		227			5.559		226		TOTAL FORESIGHTS = −50.589
	4.941		455			5.333		449		DIFF. IN ELEVATION = −4.346
8.	15.505	5.168		3.431		16.674	5.558		3.421	
	5.253		226			6.310		226		B.M. 22-2
	5.027		226			6.084		224		CRENSHAW BLVD. & MANHATTAN BEACH BLVD.
	4.801		452			5.860		450		SEE F.B. 1395-7
9.	15.081	5.027		3.383	72°	18.254	6.085		3.891	FOR DESCRIPTION
		46.243					50.589			

F.B. 1395 PG. 30

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPELING Time 9:45 To 10:15 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-2 To B.M. 22-1
Date 4-14-53
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
	6.367 6.142 5.917		225 225 450		#5	5.311 5.088 4.863		223 225 448		B.M. 22-2 CRENSHAW BLVD. & MANHATTAN BEACH BLVD. SEE F.B. 1395-7 FOR DESCRIPTION
1.	18.426	6.142		.450	69°	15.262	5.087		.448	
	5.792 5.567 5.341		225 226 451			5.408 5.181 4.955		227 226 453		π G.E. DREIER
2.	16.700	5.567		.901		15.544	5.181		.901	
	5.842 5.628 5.415		214 213 427			5.263 5.047 4.832		215 215 430		
3.	16.885	5.628		1.328		15.141	5.047		1.331	
	5.962 5.751 5.540		211 211 422			5.112 4.897 4.682		215 215 430		
4.	17.253	5.751		1.750		14.691	4.897		1.761	
	6.098 5.887 5.675		211 212 423			4.253 4.072 3.862		207 211 420		
5.	17.660	5.887		2.173		12.235	4.078		2.181	
		28.975					24.290			

F.B. 1395 PG. 31

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPFLING Time 9:45 to 10:15 Rod No. 546

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4933
From B.M. 22-2 To B.M. 22-1
Date 4-14-53
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
	5.815	28.975	214	2.173		5.401	24.290	213	2.181	
	5.601		212			5.188		211		
	5.389		426			4.977		424		
6.	16.805	5.602		2.599		15.566	5.189		2.605	
	5.990		212			5.460		210		
	5.778		211			5.250		212		
	5.567		423			5.038		422		SUMMATION OF NDN
7.	17.335	5.778		3.022		15.748	5.249		3.027	B.M. 22-2 TO B.M. 22-1
	5.440		213			5.994		211		TOTAL BACKSIGHTS = + 50.743
	5.227		214			5.583		212		TOTAL FORESIGHTS = − 46.410
	5.013		427			5.371		423		DIFF. IN ELEVATION + 4.333
8.	15.680	5.227		3.449		16.948	5.583		3.450	
	5.373		213			6.311		212		B.M. 22-1
	5.160		210			6.099		212		CRENSHAW BLVD. + COMPTON BLVD.
	4.950		423			5.887		424		SEE F.B. 1395-6
9.	15.483	5.161		3.872	71°	18.297	6.099		3.874	FOR DESCRIPTION
		50.743					46.410			

F.B. 1395 PG. 32

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPELING Time 1:45 to 2:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-2 To B.M. 22-1
Date 4-15-53
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
	5.466		229		#5	5.102		227		B.M 22-2
	5.237		226			4.880		224		CRENSHAW BLVD. & MANHATTAN BEACH BLVD.
	5.711		455			4.656		451		SEE F.B. 1395-7
1.	17.814	5.938		.455	71°	14.643	4.881		.451	FOR DESCRIPTION
	5.689		229			5.308		228		
	5.462		227			5.080		225		π E. LANDA
	5.235		454			4.855		453		
2.	16.386	5.462		.909		15.243	5.081		.904	
	5.932		213			5.154		216		
	5.519		213			4.933		215		
	5.306		426			4.718		431		
3.	16.557	5.519		1.335		14.815	4.938		1.335	
	5.838		215			4.950		213		
	5.623		211			4.767		215		
	5.412		426			4.552		428		
4.	16.873	5.624		1.761		14.299	4.766		1.763	
	6.021		212			4.212		211		
	5.809		210			4.001		210		
	5.599		422			3.791		421		
5.	17.429	5.810		2.183		12.004	4.001		2.184	
		28.353					23.667			

F.B. 1395 PG. 33

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPELING Time 1:45 to 2:30 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-2 To B.M. 22-1
Date 4-15-53
Indexed L. 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
	5.501	28.353	217	2.183		5.080	28.367	212	2.184	
	5.284		215			4.868		212		
	5.069		432			4.656		424		
6.	15.854	5.285		2.615		14.604	4.868		2.608	
	5.818		212			5.291		211		
	5.606		213			5.080		211		
	5.393		425			4.869		422		SUMMATION OF RUN
7.	16.817	5.606		3.040		15.240	5.080		3.030	B.M. 22-2 to B.M. 22-1
	5.311		213			5.660		211		TOTAL BACKSIGHTS = + 49.436
	5.098		215			5.449		211		TOTAL FORESIGHTS = - 45.095
	4.883		428			5.238		422		DIFF. IN. ELEVATION = + 4.341
8.	15.292	5.097		3.468		16.347	5.449		3.452	
	5.308		213			6.244		214		B.M. 22-1
	5.095		212			6.030		210		CRENSHAW BLVD. + COMPTON BLVD.
	4.883		425			5.820		424		SEE F.B. 1395-6
9.	15.286	5.095		3.893	67°	18.094	6.031		3.876	FOR DESCRIPTION
		49.436					45.095			

F.B. 1395 PG. 34

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPELING Time 11:00 to 11:45 Rod No. 546

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-2 To B.M. 22-4
Date 4-14-53
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
	6.103		209		#5	6.639		214		B.M. 22-2
	5.894		211			6.425		212		CRENSHAW BLVD + MANHATTAN BEACH BLVD.
	5.683		420			6.213		426		SEE F.B. 1395-7
1.	17.680	5.893		.420	72°	19.277	6.426		.426	FOR DESCRIPTION
	5.368		210			6.321		211		
	5.158		209			6.110		213		T G.E. DREIER
	4.949		419			5.898		423		
2.	15.475	5.158		.839		18.329	6.110		.849	
	4.185		211			5.748		213		
	4.774		210			5.749		213		
	4.564		421			5.534		426		
3.	14.323	4.774		1.260		17.241	5.747		1.275	
	5.503		210			6.024		212		
	5.293		210			5.812		211		
	5.083		420			5.601		423		
4.	15.879	5.293		1.680		17.437	5.812		1.698	
	4.850		211			5.068		214		
	4.639		209			4.853		212		
	4.430		420			4.641		426		
5.	13.919	4.640		2.100		14.561	4.854		2.124	
		25.758					28.949			

F.B. 1395 PG. 35

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPFLING Time 11:00 to 11:45 Rod No. 546

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-2 To B.M. 22-4
Date 4-14-53
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	5.012 4.791 4.569 14.372	25.958 / 4.791	221 222 443	2.100 2.543		6.287 6.073 5.859 18.221	63.749 / 6.074	216 214 430	2.124 2.554	
7	5.044 4.831 4.619 14.494	4.831	213 212 425	2.968		5.286 5.073 4.861 15.220	5.073	213 212 425	2.979	SUMMATION OF RUN B.M. 22-2 TO B.M. 22-4
8	4.723 4.488 4.250 13.461	4.487	235 238 473	3.441		5.590 5.357 5.124 16.011	5.337	233 233 466	3.445	TOTAL BACKSIGHTS = + 47.838 TOTAL FORESIGHTS = − 52.527 DIFF. IN ELEVATIONS − 4.689
9	5.073 4.860 4.648 14.581	4.860	213 212 425	3.866		4.280 4.042 3.804 12.126	4.042	238 238 476	3.921	B.M. 22-3 (L.A. CO. RD. DEPT. B.M. 135) CRENSHAW BLVD & 166TH ST. SEE F.B. 1395-8 FOR DESCRIPTION
10	3.250 3.111 2.971 9.332	3.111	139 140 279	4.145	71°	3.169 3.051 2.925 9.155	3.052	118 116 234	4.155	B.M. 22-4 (F.C.B.M. 113-14) CRENSHAW BLVD. & 166TH ST. SEE F.B. 1395-8 FOR DESCRIPTION
		47.838					52.527			

F.B. 1395 PG. 36

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:50 TO 2:15 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 41923
From B.M. 22-4 To B.M. 22-2
Date 4-14-52
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
	2.196		128		#5	3.257		128		B.M. 22-4 (F.C. B.M. 113-14)
	3.068		127			3.129		128		CRENSHAW BLVD. & 166TH ST
	2.940		256			3.001		256		SEE F.B. 1395-8
1.	9.204	3.068		.256	71°	9.387	3.129		.256	FOR DESCRIPTION
	3.817		234			4.630		230		B.M. 22-3 (L.A. CO. RD. DEPT BM. 135)
	3.583		234			4.400		228		CRENSHAW BLVD & 166TH ST
	3.349		468			4.172		458		SEE F.B. 1395-8
2	10.749	3.583		.724		13.202	4.401		.714	FOR DESCRIPTION
	5.600		236			4.748		236		
	5.364		235			4.512		233		π E. LANDA
	5.129		471			4.279		469		
3	16.093	5.364		1.195		13.539	4.513		1.183	
	5.381		214			5.135		215		
	5.167		215			4.920		212		
	4.952		429			4.708		427		
4	15.500	5.167		1.624		14.763	4.921		1.610	
	6.516		221			5.235		223		
	6.295		219			5.012		219		
	6.076		440			4.793		442		
5	18.887	6.296		2.064		15.040	5.013		2.052	
		23.478					21.977			

F.B. 1395 PG. 37

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:50 to 2:15 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-4 To B.M. 22-2
Date 4-14-53
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
	4.988	23.478	215	2.064		4.769	4.777	212	2.052	
	4.773		213			4.557		211		
	4.560		428			4.346		423		
6	14.321	4.774		2.492		13.672	4.557		2.475	
	5.420		213			4.898		211		
	5.207		212			4.687		209		
	4.995		425			4.478		420		
7	15.622	5.207		2.917		14.063	4.688		2.895	
	5.224		213			4.265		214		SUMMATION OF RUN
	5.011		210			4.046		214		B.M. 22-4 TO B.M. 22-2
	4.801		425			3.832		428		TOTAL BACKSIGHTS + 49.872
8	15.036	5.012		3.342		12.138	4.046		3.323	TOTAL FORESIGHTS - 45.169
	5.651		211			4.708		214		DIFF IN ELEVATION + 4.703
	5.440		208			4.494		212		68
	5.232		419			4.282		426		
9	16.323	5.441		3.759		13.484	4.495		3.749	
	6.152		213			5.618		211		B.M. 22-2
	5.939		210			5.407		215		GRENSHAW BLVD & MANHATTAN
	5.729		423			5.192		426		BEACH BLVD 1395-7
10	17.820	5.940		4.182	69°	16.217	5.406		4.175	SEE F.B. FOR DESCRIPTION
		49.872					45.169			
		5								

F.B. 1395 PG. 38

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPELING Time 11:15 to 11:55 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4723
From B.M. 22-4 To B.M. 22-2
Date 4-15-53
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
	3.057		127		#5	3.120		130		B.M. 22-4 (F.C.B.M. 113-14)
	2.930		128			2.990		130		CRENSHAW BLVD. & 166TH. ST.
	2.802		255			2.860		260		SEE F.B. 1895-8
1.	8.789	2.930		.255	70°	8.970	2.990		.260	FOR DESCRIPTION
	4.028		234			4.838		233		B.M. 22-3 (L.A.CO. RD. DEPT. B.M. 135)
	3.794		231			4.603		227		CRENSHAW BLVD. & 166TH. ST.
	3.563		465			4.381		457		SEE F.B. 1895-8
2.	11.385	3.795		.930		13.820	4.609		.717	FOR DESCRIPTION
	5.569		237			4.712		234		
	5.332		234			4.478		231		T E. LANDA
	5.098		471			4.247		465		
3.	15.999	5.333		1.191		13.437	4.479		1.182	
	5.192		214			4.928		215		
	4.978		215			4.713		211		
	4.763		429			4.502		426		
4.	14.933	4.978		1.620		14.143	4.714		1.608	
	6.393		222			5.111		221		
	6.171		218			4.890		223		
	5.953		440			4.670		441		
5.	18.517	6.172		2.060		14.671	4.890		2.049	
		23.188					21.682			

F.B. 1895, PG. 37

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPELING Time 11:15 to 1:15 Rod No. 546

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-4 To B.M. 22-2
Date 4-15-53
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
	4.950	23.188	213	2.060		4.738	21.682	210	2.049	
	4.737		211			4.528		213		
	4.526		424			4.315		423		
6.	14.213	4.738		2.484		13.581	4.527		2.472	
	5.181		211			4.660		210		
	4.970		211			4.450		210		
	4.759		422			4.240		420		
7.	14.910	4.970		2.906		13.350	4.450		2.892	
	5.236		215			4.859		211		
	5.015		212			4.648		213		
	4.803		427			3.825		424		SUMMATION OF RUN
8.	15.048	5.016		3.333		12.142	4.047		3.316	B.M. 22-4 TO B.M. 22-2
	6.140		212			5.186		216		TOTAL BACKSIGHTS = + 49.810
	5.928		211			4.976		209		TOTAL FORESIGHTS = - 45.120
	5.717		423			4.767		419		DIFF. IN ELEVATION = + 4.690
9.	17.785	5.928		3.756		14.929	4.976		3.735	
	6.181		211			5.653		214		B.M. 22-2
	5.970		213			5.439		216		CRENSHAW BLVD. + MANHATTAN BEACH BLVD.
	5.760		421			5.223		430		SEE F.B. 1395-7
10.	17.911	5.970		4.177	70°	16.315	5.438		4.165	FOR DESCRIPTION
		49.810					45.120			

F.B. 1395 PG. 40

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G.E. DREIER Time 2:30 TO 3:30 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-4 To B.M. 22-5
Date 4-14-53
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
	2,442		212			5.329		219		B.M. 22-4 (F.C.B.M. 113-14)
	2.230		212			5120		218		CRENSHAW BLVD & 166 ½ ST.
	2018		424			4.902		437		SEE F.B. 1395-8
1	6,690	2.230		424		5361	5.120		437	FOR DESCRIPTION
	6.177		214			4.469		212		
	5.963		211			4,257		215		↖ E. LANDA
	5.752		425			4042		422		
2	17.892	5.964		849		12.773	4.258		859	
	6.500		214			4338		215		
	6.286		214			4123		212		
	6.072		428			3911		427		
3	18.858	6.286		1.277		12372	4.124		1.286	
	6.715		215			4.743		213		
	6.500		212			4530		213		
	6288		427			4317		426		
4	19503	6.501		1.704		13.590	4.530		1.712	
	6780		211			4.446		216		
	6.568		209			4.230		217		
	6357		420			4.013		433		
5	19.707	6.569		2.125		12.689	4.230		2.145	
		27.550					22.262			

F.B. 1395 PG. 41

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR - WARM Inst. No. 56010
Notes by G. E. DREIER Time 2:30 TO 3:30 Rod No. 526

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-4 To B.M. 22-5
Date 4-14-53
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
	6548	27.550	211	2124 5		5123	22262	215	2145	
	6337		211			4908		214		
	6126		422	7		4694		429		
6	19.011	6.337		2546		14.725	4.908		3574	
	7054		214			4247		219		SUMMATION OF RUN
	6840		210			4028		216		B.M. 22-4 TO B.M. 22-5
	6630		424	1		3812		435		TOTAL BACKSIGHTS + 53.254
7	20.524	6.841		2970		12.237	4.079		3009	TOTAL FORESIGHTS - 39.822
	6516		214			4316		213		DIFF IN ELEVATION + 13.462
	6302		212			4103		212		
	6090		424	7		3891		425		
8	18.908	6.303		3396		12.310	4.103		3434	
	6448		196			4663		191		B.M. 22-5
	6252		193			4472		188		CRENSHAW BLVD. & 174th ST
	6059		389	6		4281		379		SEE F.B. 1395-9
9	18.759	6.252		3788	70°	13.410	4.470		3813	FOR DESCRIPTION
		53.254					39.822			

F.B. 1395 PG. 42

FORM 579 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SEMPERING Time 10:30 to 11:00 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-5 To B.M. 22-4
Date 4-15-53
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
	4.672		193		#5	6.458		196		B.M. 22-5
	4.479		190			6.262		193		CRENSHAW BLVD. & 134TH. ST.
	4.289		383			6.069		389		SEE F.B. 1395-9
1.	14.440	4.480		.383	69°	18.789	6.263		.389	FOR DESCRIPTION
	4.340		211			6.543		213		
	4.129		208			6.330		213		J. E. LANDA
	3.921		419			6.118		426		
2	12.395	4.130		.802		18.991	6.330		.814	
	4.326		218			7.083		214		
	4.108		217			6.869		210		
	3.891		435			6.659		424		
3.	12.325	4.108		1.237		20.611	6.870		1.238	
	[illegible]		212			6.589		215		
	4.942		210			6.374		214		
	4.732		422			6.160		429		
4.	14.828	4.943		1.659		19.123	6.374		1.667	
	4.470		216			6.804		211		
	4.254		214			6.593		211		
	4.040		430			6.382		422		
5.	12.764	4.255		2.089		19.779	6.593		2.089	
		21.916					32.430			

F.B. 1395 PG. 43

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPELING Time 11:30 to 11:00 Rod No. 546

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-5 To B.M. 22-4
Date 4-15-53
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
	4.607	21.916	214	2.089		6.576	32.430	214	2.089	
	4.393		214			6.362		212		
	4.179		428			6.150		426		
6.	13.179	4.393		2.517		19.088	6.363		2.515	
	4.093		216			6.252		212		
	3.882		212			6.040		212		
	3.670		428			5.828		424		SUMMATION OF RUN
7.	11.650	3.883		2.945		18.120	6.040		2.939	B.M. 22-5 TO B.M. 22-4
	4.395		215			6.103		212		TOTAL BACKSIGHTS = + 39.615
	4.180		213			5.891		209		TOTAL FORESIGHTS = − 53.070
	3.967		428			5.682		421		DIFF. IN ELEVATION − 13.455
8.	12.542	4.181		3.373		17.676	5.892		3.360	
	5.457		215			2.552		208		B.M. 22-4 (F.C. B.M. 113-14)
	5.242		214			2.344		206		CRENSHAW BLVD. + 166TH ST.
	5.028		429			2.138		414		SEE F.B. 1395-8
9.	15.727	5.242		3.802	70°	7.034	2.345		3.774	FOR DESCRIPTION
		39.615					53.070			

F.B. 1395 PG. 44

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-5 To B.M. 22-6
Date 4-15-53
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
	6.074		214		#5	5.033		215		B.M. 22-5
	6.560		211			4.818		213		CRENSHAW BLVD. & 174TH. ST.
	6.3[illegible]		425			4.605		428		SEE F.B. 1395-9
1	19.633	6.561		.425	66°	14.456	4.819		.428	FOR DESCRIPTION
	[illegible]		213			4.939		217		
	5.86[illegible]		210			4.722		214		⊼ E. LANDA
	[illegible]		423			4.508		431		
2	17.5[illegible]	5.861		.848		14.169	4.723		.859	
	5.808		211			4.956		213		
	5.667		211			4.743		212		
	5.456		422			4.531		425		
3	17.001	5.667		1.270		14.230	4.743		1.284	
		18.089					14.385			
	5.505		215			4.330		21[illegible]		
	5.290		215			4.119		21[illegible]		
	5.075		430			3.909		42[illegible]		
4	15.870	5.290		1.700		12.358	4.119		1.705	
	5.573		213			5.021		213		
	5.660		212			4.808		215		
	5.448		425			4.593		428		
5	16.98[illegible]	5.660		2.125		14.422	4.807		2.133	
		29.039					23.211			

F.B. 1395 PG. 45

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather HAZY Inst. No. 50010
Notes by R. HEMPFLING Time 9:15 to 9:45 Rod No. 57.6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-5 To B.M. 22-6
Date 4-15-53
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
	4.733	29.039	214	2.125		3.692	23.211	214	2.133	
	4.528		212			3.493		215		
	431.1		426			3.263		427		
6.	13.571	4.524		2.551		10.433	3.478		2.562	
	5.717		215			4.604		213		
	5.502		212			4.391		212		
	5.290		427			4.179		425		
7.	16.509	5.503		2.978		13.174	4.391		2.987	
	5.264		213			4.431		214		
	5.051		213			4.217		215		
	4.838		426			4.002		429		SUMMATION OF RUN
8.	15.153	5.051		3.404		12.650	4.217		3.416	B.M. 22-5 to B.M. 22-6
	4.930		149			6.301		143		TOTAL BACKSIGHTS = + 52.325
	4.781		148			6.158		140		TOTAL FORESIGHTS = − 46.577
	4.633		297			6.018		283		DIFF. IN ELEVATION = + 5.748
9.	14.344	4.781		3.701		18.477	6.159		3.699	
	3.589		162			5.281		161		B.M. 22-6
	3.427		161			5.120		159		CRENSHAW BLVD. & 182nd. ST.
	3.266		323			4.961		320		SEE F.B. 1395-10
10.	10.282	3.427		4.024	67°	15.362	5.121		4.019	FOR DESCRIPTION
		52.325					46.577			

F.B. 1395 PG. 46

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather HAZY Inst. No. 500.0
Notes by R. HEMPELING Time 9:50 to 10:20 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-6 To B.M. 22-5
Date 4-15-53
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
	5.330 5.170 5.020		163 160 320		#5	3.629 3.468 3.307		161 161 322		B.M. 22-6 CRENSHAW BLVD. & 182ND ST. SEE F.B. 1395-10 FOR DESCRIPTION
1.	15.480	5.163		.320	67°	10.404	3.468		.322	
	6.301 6.156 6.010		145 146 291			4.931 4.788 4.641		143 147 290		AT E. LANKA
2	18.467	6.156		.611		14.360	4.787		.612	
	4.503 4.290 4.078		213 212 425			5.343 5.129 4.918		214 211 425		
3.	12.871	4.290		1.036		15.290	5.130		1.037	
	4.497 4.282 4.071		215 211 426			5.609 5.395 5.181		214 214 428		
4.	12.850	4.283		1.462		16.185	5.395		1.465	
	3.671 3.458 3.244		213 214 427			4.718 4.503 4.292		215 211 426		
5.	10.373	3.458		1.889		13.513	4.504		1.891	
		23.347					23.284			

F.B. 1395 PG. 47

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREYER Weather HAZY Inst. No. 50010
Notes by R. HEMPFLING Time 9:50 to 10:20 Rod No. 5-6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-6 To B.M. 22-5
Date 4-15-53
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
	4.812	23.347	214	1.889		5.621	23.284	213	1.891	
	4.598		215			5.448		212		
	4.383		429			5.236		425		
6.	13.793	4.598		2.318		16.345	5.448		2.316	
	4.379		215			5.550		212		
	4.164		214			5.338		211		
	3.950		429			5.127		423		
7.	12.493	4.164		2.747		16.015	5.338		2.739	
	4.424		214			5.343		211		
	4.210		213			5.132		210		
	3.997		427			4.922		421		SUMMATION OF RUN
8.	12.631	4.210		3.174		15.397	5.132		3.160	B.M. 22-6 TO B.M. 22-5
	4.933		213			6.075		215		TOTAL BACKSIGHTS = + 45.898
	4.720		211			5.860		215		TOTAL FORESIGHTS = - 51.661
	4.509		424			5.645		430		DIFF. IN ELEVATION = - 5.763
9.	14.162	4.721		3.598		17.580	5.860		3.590	
	5.071		213			6.812		213		B.M. 22-5
	4.858		212			6.599		213		CRENSHAW BLVD. + 174TH. ST.
	4.646		425			6.386		426		SEE F.B. 1395-9
10.	14.575	4.858		4.023	69°	19.797	6.599		4.016	FOR DESCRIPTION
		45.898					51.661			

F.B. 1395 PG. 48

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather HAZY Inst. No. 50010
Notes by R. HEMPELING Time 1:50 TO 2:35 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-6 To B.M. 22-5
Date 4-16-53
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
	5.310		160		#5	3.618		161		B.M. 22-6
	5.150		161			3.457		159		CRENSHAW BLVD. & 182 NO ST.
	4.989		321			3.298		320		SEE F.B. 1395-10
1.	15.449	5.150		.321	65°	10.373	3.458		.320	FOR DESCRIPTION
	6.392		144			5.015		146		
	6.248		147			4.869		142		⊼ E. LANDA
	6.101		291			4.727		288		
2.	18.741	6.247		.612		14.611	4.870		.608	
	5.096		213			5.932		212		
	4.883		213			5.720		212		
	4.670		426			5.508		424		
3.	14.649	4.883		1.038		17.160	5.720		1.032	
	4.785		212			5.895		213		
	4.573		214			5.682		212		
	4.359		426			5.470		425		
4.	13.717	4.572		1.464		17.047	5.682		1.457	
	3.807		214			4.858		216		
	3.593		213			4.642		213		
	3.380		427			4.429		429		
5.	10.780	3.593		1.891		13.929	4.643		1.886	
		24.445					24.373			

F.B. 1395 PG. 49

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREILER Weather HAZY Inst. No. 50010
Notes by R. HEMPELING Time 1:50 TO 2:35 Rod No. 546

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-6 To B.M. 22-5
Date 4-16-53
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
	4862	24.445	212	1.871		[illegible]	[illegible]	214	1.886	
	4650		213			5500		213		
	4437		425			[illegible]		427		
6.	13.949	4.650		2.316		16.551	[illegible]		2.313	
	4257		217			5.493		213		
	4040		213			5.216		210		
	3827		430			5.005		423		
7.	12.124	4.041		2.146		15.633	[illegible]		2.136	
	4.085		213			5.004		208		
	3.872		215			4.796		208		
	3.657		428			4.588		416		SUMMATION OF RUN
8.	11.614	3.871		3.174		14.388	4.796		3.152	B.M. 22-6 TO B.M. 22-5
	4.941		212			6.026		213		TOTAL BACKSIGHTS = + 46.562
	4.729		210			5.813		216		TOTAL FORESIGHTS = − 52.318
	4.519		422			[illegible]		434		DIFF. IN ELEVATIONS − 5.756
9.	14.189	4.730		3.596		17.656	[illegible]		3.586	
	5.031		214			6.250		211		B.M. 22-5
	4825		213			6.561		212		CRENSHAW BLVD. + 174TH ST.
	4612		427			6.357		423		SEE F.B. 1395-9
10.	14.476	4.825		4.023	65°	19.706	[illegible]		4.009	FOR DESCRIPTION
		46.562					52.318			

F.B. 1395 PG. 50

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPELING Time 2:00 TO 3:30 Rod No. 5#6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-6 To B.M. 22-7
Date 4-15-53
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
	7.420		211		#5	4.473		213		B.M. 22-6
	7.209		211			4.263		211		CRENSHAW BLVD. + 182ND ST.
	6.998		422			4.049		424		SEE F.B. 1395-10
1	21.627	7.209		.422	64°	12.782	4.261		.424	FOR DESCRIPTION
	6.042		212			4.605		214		
	5.830		210			4.391		213		T E. LANDA
	5.620		422			4.178		427		
2	17.492	5.831		.844		13.174	4.391		.851	
	5.839		215			4.750		212		
	5.624		212			4.538		212		
	5.412		427			4.326		424		
3	16.875	5.625		.1271		13.614	4.538		.1275	
	4.933	13.665	211			7.119	13.170	213		
	4.222		211			6.904		210		
	4.011		422			6.694		423		
4	12.666	4.222		1.693		20.715	6.905		1.678	
	3.304		212			6.943		215		
	3.092		213			6.728		214		
	2.881		425			6.514		429		
5	9.275	3.092		2.118		20.185	6.728		2.127	
		25.979					26.823			

F.B. 1395 PG. 51

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPELING Time 3:00 TO 3:[illegible] Rod No. 546

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-6 To B.M. 22-7
Date 4-15-53
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
	3.679 3.468 3.258	25.979	211 210 421	2.118		6.860 6.649 6.438	26.823	211 211 422	2.127	
6	10.405	3.468		2.539		19.947	6.649		2.549	
	5.728 5.517 5.304		211 213 424			6.017 5.799 5.582		218 217 435		
7.	16.549	5.516		2.963		17.398	5.799		2.984	SUMMATION OF RUN B.M. 22-6 TO B.M. 22-7
	5.459 5.247 5.035		212 212 424			5.235 5.011 4.796		214 215 429		TOTAL BACKSIGHTS = +45.805 TOTAL FORESIGHTS = −49.426 DIFF. IN ELEVATION = −3.621
8.	15.741	5.247		3.389		15.032	5.011		3.413	
	5.818 5.595 5.372	49.276	223 223 446			5.369 5.143 4.920	49.432	226 223 449		B.M. 22-7 CRENSHAW BLVD. & 190TH. ST SEE F.B. 1395-11 FOR DESCRIPTION
9.	16.785	5.595		3.833	65°	15.432	5.144		3.862	
		45.805					49.426			

F.B. 1395 PG. 52

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
708 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather HAZY Inst. No. 50010
Notes by R. HEMPFLING Time 11:15 to 11:45 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-7 To B.M. 22-6
Date 4-16-53
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
	5.152		223		#5	5.607		225		B.M. 22-7
	4.927		220			5.382		223		CRENSHAW BLVD. & 190th ST.
	4.709		443			5.159		448		SEE F.B. 1395-11
1.	14.790	4.930		.443	65°	16.148	5.383		.448	FOR DESCRIPTION
	5.063		214			5.502		213		
	5.052		212			5.289		211		T. E. LANDA
	4.840		426			5.078		424		
2.	15.160	5.053	8	.871		15.869	5.290		.872	
	5.943		216			5.652		212		
	5.727		216			5.440		212		
	5.511		432			5.228		424		
3.	17.181	5.728		1.303		16.320	5.440		1.296	
	6.354	15.710	213			3.673	16.113	216		
	6.641		211			3.462		212		
	6.450		424			3.250		428		
4.	19.925	6.642		1.727		10.390	3.463		1.724	
	7.002		214			3.162		213		
	6.788		212			3.149		211		
	6.576		426			2.938		424		
5.	20.366	6.781		2.153		9.449	3.150		2.148	
		29.141					22.726			

F.B. 1395 PG. 53

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No. 50010
Notes by R. HEMPELING Time 11:15 to 11:[illegible] Rod No. 5[illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-2 To B.M. 22-6
Date 4-16-53
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
	7.162	29.141	213	2.154		4.478	32.726	215	2.148	
	6.949		212	3		4.263		211		
	6.[illegible]		425			4.0[illegible]		426		
6.	20.848	6.949		.2576		12.793	4.264		2.594	
	4.560		213			5.645		215		
	4.347		213			5.430		211		
	4.134		426			5.219		426		SUMMATION OF RUN
7.	13.041	4.347		3.000		16.294	5.431		3.000	B.M. 22-2 to B.M. 22-6
	4.564		2[illegible]7			6.004		2[illegible]		TOTAL BACKSIGHTS = 49.263
	4.352		213			5.793		213		TOTAL FORESIGHTS = 45.634
	4.129		430			5.580		424		DIFF. IN ELEVATION + 3.629
8.	13.060	4.353		3.433		17.377	5.792		3.424	
	4.687		215			7.683		213		B.M. 22-[illegible]
	4.472		211			7.470		214		CRENSHAW BLVD. & 182nd ST.
	4.261		426			7.2[illegible]		423		SEE F.B. 1395-10
9.	13.420	4.473		3.857	65°	22.263	7.421		3.847	FOR DESCRIPTION
		49.263					45.634			

F.B. 1395 PG. 54

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER
Notes by R. HEMPELING
Weather CLOUDY
Time 9:30 TO 13:15
Inst. No. 50010
Rod No. 5 + 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-7 To B.M. 22-8
Date 4-16-53
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
	3.450 7.241 [illegible]		2.101 2.11 4.21		#5	3.733 3.919 3.509		2.14 2.14 4.24		B.M. 22-7 CRENSHAW BLVD. + 132ND ST. SEE F.B. 1395-11 FOR DESCRIPTION
1.	21.711	7.240		421	53°	11.161	3.720		424	
	4.943 4.539 [illegible]		2.15 2.14 4.29			6.237 6.152 5.909		2.15 2.13 4.28		T E 1 9 N C 4
2.	13.620	4.533		850		18.458	6.153		852	
	[illegible] [illegible] 3.702		2.17 2.14 4.31			5.597 5.330 5.124		2.10 2.13 4.23		
3.	11.766	3.922		1281		16.008	5.336		1275	
	4.823 4.617 4.398		2.17 2.13 4.30			5.252 5.032 4.815		2.20 2.17 4.38		
4.	13.837	4.612		1711		15.099	5.033		1712	
	4.722 4.558 4.397		2.14 2.11 4.25			5.032 5.018 4.904		2.14 2.14 4.28		
5.	13.677	4.559		2136		15.054	5.018		2140	
		27.866					25.260			

F.B. 1395 PG. 55

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPFLING Time 9:30 - 10:15 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-7 To B.M. 22-8
Date 4-16-53
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
	5.355	24.866	212	2.136		4.799	25.260	212	2.140	
	5.143		213			4.587		214		
	4.930		425			4.373		426		
6.	15.428	5.143		2.561		13.759	4.586		2.566	
	6.800		221			2.393		224		
	6.579		221			2.169		225		
	6.358		442			1.944		449		
7.	19.737	6.579		3.003		6.506	2.169		3.015	
	6.364		214			5.142		215		
	6.150		211			4.928		215		
	5.939		425			4.713		430		
8.	18.453	6.151		3.428		14.784	4.928		3.445	
	5.539	42.739	214			5.112	46.144	214		
	5.325		213			4.898		213		
	5.113		426			4.685		427		
9.	15.977	5.326		3.854		14.695	4.898		3.872	
	5.970		217			4.812		210		
	5.753		214			4.602		208		
	5.539		431			4.394		418		
10.	17.262	5.754		4.285		13.808	4.603		4.290	
		53.819					46.444			

F.B. 1395 PG. 56

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPELING Time 9:30 to 10:15 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4933
From B.M. 22-7 To B.M. 22-8
Date 4-16-53
Indexed L. 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
	5.819	5.819	21	4.285		4.855	4.444	213	4.290	
	5.608		212			4.492		212		
	5.215		424			4.280		425		
11	16.722	5.607		4.709		13.327	4.443		4.715	
	[illegible]		213			4.778		214		
	5.228		212			4.564		214		
	5.516		424			4.350		428		SUMMATION FROM B.M. 22-7 TO B.M. 22-8
12	17.184	5.728		5.133		13.692	4.564		5.143	
	5.746		158			4.771		151		TOTAL BACKSIGHTS = 76.437
	5.588		158			4.612		158		TOTAL FORESIGHTS = 65.992
	5.430		316			4.454		309		DIFF IN ELEVATION +10.445
13	16.764	5.588		5.449		13.837	4.612		5.460	
	5.853		158			6.090		160		B.M. 22-8 (203RD. ST.)
	5.695		157			5.930		159		OPENSHAW BLVD. + A.T.&S.F. RR.
	5.538		315			5.771		319		SEE F.B. 1395-12
14	17.086	5.695		5.764	60°	17.791	5.930		5.779	FOR DESCRIPTION
		76.437					65.992			

F.B. 1395 PG. 57

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1395 PG. 58

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPFLING Time 10:20 to 11:10 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-8 To B.M. 22-7
Date 4-16-53
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
	6.149		158		#5	5.9[illegible]8		161		B.M. 22-8 (203RD. ST.)
	5.991		161			5.757		158		CRENSHAW BLVD. - A.T.+S.F. R.R.
	5.830		319			5.599		319		SEE F.B. 1395-12
1.	17.970	5.990		.319	60°	17.274	5.758		.319	FOR DESCRIPTION
	4.880		162			5.852		157		
	4.718		160			5.695		157		⊼ E. LANDA
	4.558		322			5.538		314		
2.	14.156	4.719		.641		17.085	5.695		.633	
	4.719		217			5.879		210		
	4.502		213			5.669		213		
	4.289		430			5.456		423		
3.	13.510	4.503		1.071		17.004	5.668		1.056	
	4.456		215			5.620		212		
	4.241		211			5.408		215		
	4.030		426			5.193		4[illegible]		
4.	12.727	4.242		1.497		16.221	5.407		1.483	
	4.7[illegible]		214			5.923		213		
	4.558		210			5.710		210		
	4.348		424			5.500		423		
5.	13.678	4.559		1.921		17.13[illegible]	5.711		1.906	
		24.013					28.239			

F.B. 1395 PG. 59

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPELING Time 10:20 to 11:10 Rod No. 5 & 6

Name L.A. CO. [illegible]
Job No. 4923
From B.M. 22-8 To B.M. 22-9
Date 4-16-53
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
	5.188 4.966 4.747	24.013	222 219 441	1.921		5.606 5.393 5.183	[illegible]	213 211 424	1.906	
6	14.901	4.967		2.262		16.182	[illegible]		2.320	
	5.158 4.949 4.741		209 208 417			5.814 6.035 5.835		221 218 439		
7	14.848	4.949		2.979		18.522	[illegible]		2.969	
	[illegible] 2.230 2.033		226 223 449			[illegible] 6.643 6.422		221 220 441		
8.	6.693	2.231		3.228		19.229	[illegible]		3.210	
	4.778 4.566 4.354		212 212 424			5.[illegible]2 5.124 4.910		218 214 432		
9.	13.699	4.566		3.651		15.376	[illegible]		3.642	
	5.233 5.019 4.805		214 214 428			4.993 4.779 4.568		214 211 425		
10	15.057	5.019		4.079		13.680	[illegible]		4.067	
		45.745					56.134			

F.B. 1395 PG. 60

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPFLING Time 10:20 to 11:10 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-8 To B.M. 22-7
Date 4-16-53
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
	5.295	45.745	220	4.079		4.868	56.134	216	4.067	
	5.075		217			4.652		213		
	4.858		437			4.439		429		
11.	15.228	5.076		4.516		13.959	4.653		4.496	
	5.575		210			4.168		215		
	5.365		209			3.953		216		
	5.156		419			3.737		431		SUMMATION OF RUN
12.	16.096	5.365		4.935		11.858	3.953		4.927	B.M. 22-8 TO B.M. 22-7
	[illegible]		214			4.754		217		TOTAL BACKSIGHTS + 65.986
	6.153		213			4.537		214		TOTAL FORESIGHTS − 76.442
	5.940		427			4.323		431		DIFF. IN ELEVATION − 10.456
13.	18.460	6.153		5.362		13.614	4.538		5.358	
	3.860		214			7.375		211		B.M. 22-7
	3.646		212			7.164		210		CRENSHAW BLVD. & 190TH. ST.
	3.439		426			6.954		421		SEE F.B. 1395-11
14.	10.940	3.647		5.788	65°	21.493	7.164		5.779	FOR DESCRIPTION
		65.986					76.442			

F.B. 1395 PG. 61

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1395 PG. 62										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPFLING Time 11:00 to 11:30 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-8 To B.M. 22-7
Date 4-17-53
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
	6.575 6.363 6.150		.212 .213 .425		#5	5.272 5.061 4.849		.211 .212 .423		B.M. 22-8 CRENSHAW BLVD. & A.T.&S.F. R.R. SEE F.B. 1395-12 FOR DESCRIPTION
1.	19.088	6.363		.425	70°	15.182	5.061		.423	
	5.672 5.459 5.247		.213 .212 .425			5.026 4.842 4.623		.213 .214 .432		⊼ G.E. DREIER
2.	16.378	5.459		.850		14.531	4.843		.855	
	5.613 5.399 5.186		.214 .213 .429			5.026 4.813 4.600		.213 .213 .426		
3.	16.198	5.399		1.279		14.439	4.813		1.281	
	5.543 5.328 5.114		.215 .214 .429			4.711 4.497 4.282		.214 .215 .429		
4.	15.985	5.328		1.706		14.490	4.497		1.710	
	5.461 5.249 5.037		.212 .212 .424			4.802 4.588 4.375		.214 .213 .427		
5.	15.747	5.249		2.130		13.765	4.588		2.132	
		27.798					24.082			

F.B. 1395 PG. 63

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPELING Time 11:00 to 11:30 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-8 To B.M. 22-9
Date 4-17-53
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
	5.580	27.798	222	2.130		5.037	24.082	224	2.137	
	5.358		220			4.813		220		
	5.138		442			4.593		444		
6.	16.076	5.359		2.572		14.443	4.814		2.581	
	5.703		222			5.036		221		
	5.481		221			4.815		222		
	5.260		443			4.593		443		SUMMATION OF [illegible]
7.	16.444	5.481		3.015		14.444	4.815		3.024	B.M. 22-8 to B.M. 22-9
	6.548		188			3.113		184		TOTAL BACKSIGHTS = + 52.065
	6.360		187			2.929		187		TOTAL FORESIGHTS = - 41.007
	6.173		375			2.742		371		DIFF IN ELEVATION = + 11.058
8.	19.081	6.360		3.390		8.784	2.928		3.395	
	7.251		185			4.553		182		B.M. 22-9
	7.066		182			4.368		182		CRENSHAW BLVD. + DOMINGUEZ ST.
	6.884		367			4.186		364		SEE F.B. 1395-13
9.	21.201	7.067		3.757	71°	13.104	4.368		3.759	FOR DESCRIPTION
		52.065					41.007			

F.B. 1395 PG. 64

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPELING Time 11:30 to 12:00 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-9 To B.M. 25-8
Date 4-17-53
Indexed K. 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
	4.603		182		#5	7.301		182		B.M. 22-9
	4.421		182			7.119		181		CRENSHAW BLVD + DOMINGUEZ ST.
	4.239		364			6.937		363		SEE F.B. 1395-13
1.	13.263	4.42		.364	71°	21.358	7.119		.363	FOR DESCRIPTION
	3.059		186			6.490		186		
	2.871		186			6.304		185		AT G.E. DREIER
	2.685		372			6.119		371		
2.	8.613	2.871		.736		18.913	6.304		.934	
	5.083		224			6.747		221		
	4.859		221			5.526		220		
	4.638		445			5.306		441		
3.	14.580	4.860		1.181		16.579	5.523		1.175	
	4.993		220			5.523		220		
	4.758		220			5.303		221		
	4.538		440			5.082		441		
4.	14.274	4.758		1.621		15.908	5.303		1.616	
	4.840		213			5.500		212		
	4.627		214			5.288		211		
	4.413		427			5.077		423		
5.	13.880	4.627		2.048		15.864	5.288		2.039	
		21.537					29.542			

F.B. 1395 PG. 65

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. F. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPELING Time 11:30 to 12:00 Rod No. 566

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-9 To B.M. 22-8
Date 4-17-53
Indexed M. 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
	4.863	21.537	213	2.048		5.914	29.542	215	2.039	
	4.650		215			5.199		213		
	4.435		428			4.926		428		
6.	13.948	4.649		2.476		15.599	5.200		2.467	
	4.911		212			5.500		214		
	4.699		211			5.286		214		
	4.488		423			5.072		428		SUMMATION OF ALL
7.	14.098	4.699		2.899		15.858	5.286		2.895	B.M. 22-9 TO B.M. 22-8
	5.040		215			5.653		213		TOTAL BACKSIGHTS + 40.723
	4.825		214			5.440		212		TOTAL FORESIGHTS - 51.786
	4.611		429			5.228		425		DIFF. IN ELEVATION - 11.063
8.	14.476	4.825		3.328		16.321	5.440		3.320	
	5.227		215			6.531		214		B.M. 22-8
	5.012		212			6.317		212		CRENSHAW BLVD. + A.T. + S.F. R.R.
	4.800		427			6.105		426		SEE F.B. 1395-12
9.	15.039	5.013		3.755	71°	18.953	6.318		3.746	FOR DESCRIPTION
		40.723					51.786			

F.B. 1395 PG. 66

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G.E. DREIER Time 1.16 to 2.30 Rod No. 546

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4922
From B.M. 22-9 To B.M. 22-10
Date 4-17-53
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
	11.690		215		#5	0.733		214		B.M. 22-9 ST. CRENSHAW BLVD & DOMINGUEZ SEE F.B. 1395-13 FOR DESCRIPTION
	11.475		215			0.519		212		
	11.260		430			0.307		426		
1.	34.425	11.475		430	67°	1.559	0.520		426	
	6.288		213			4.832		214		
	6.075		212			4.618		212		
	5.863		425			4.406		426		
2.	18.226	6.075		.855		13.856	4.619		.552	
	5.868		215			4.401		212		
	5.653		213			4.189		215		
	5.440		428			3.974		427		
3.	16.961	5.654		1.283		12.564	4.188		1.279	
	5.439		211			4.174		214		
	5.228		211			3.960		212		
	5.017		422			3.748		426		
4.	15.684	5.228		1.705		11.882	3.961		1.705	
	5.367		216			9.591		213		
	5.151		212			9.378		211		
	4.939		428			9.167		424		
5.	15.457	5.152		2.133		28.136	9.379		2.129	
		33.584					22.667			

F.B. 1395 PG. 67

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:10 TO 2:[illegible] Rod No. 556

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-9 To B.M. 22-10
Date 4-12-53
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
	2.907	33.584	198	2133		1.6[illegible]	[illegible].667	198	2.129	
	2.709		198			1.501		194		
	2.511		396			1.307		392		
6	8.127	2.709		2.529		4.507	[illegible]		2.521	
	10.352		212			5.832		219		
	10.148		211			5.6[illegible]		216		
	9.9[illegible]		423			5.2[illegible]		435		
7	30.42[illegible]	10.140		2.952		16.8[illegible]	[illegible]		2.956	
	1.546		184			9.165		189		
	1.362		182			8.976		186		
	1.180		366			8.790		375		
8	4.088	1.363		3.318		26.931	8.[illegible]		3.331	
	5.890		218			4.042		212		
	5.672		214			3.830		210		
	5.458		432			3.620		422		
9	17.020	5.673		5.750		11.492	3.8[illegible]		3.753	
	10.060		227			2.826		229		
	9.83[illegible]		225			2.597		229		
	9.608		452			2.368		458		
10	29.50[illegible]	9.834		4.202		7.791	2.[illegible]		4.211	
		63.303					46.186			

F.B. 1395 PG. 68

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G.E. DREIER Time 1:10 TO 2:30 Rod No. 596

Name L.A. CO. PRECISE LEVEL NET
Job No. 4922
From B.M. 22-9 To 22-10
Date 4-17-53
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
	3718	63.303	216	4.202		7743	45.186	213	4.211	
	3502		212			7530		213		
	3290		428			7317		426		
11	10510	3.503		4.630		22590	7.530		4.637	
	2300		212			8157		212		B.M. 22-10
	2088		211			7945		209		CRENSHAW BLVD & JACKSON ST
	1877		423			7736		421		SEE F.B. 1395-14
12	6265	2.088		5.053	70°	23838	7.946		5.058	FOR DESCRIPTION
										SUMMATION OF RUN
										END 22-9 TO B.M. 22-10
										TOTAL BACKSIGHTS + 68.894
										TOTAL FORESIGHTS - 60.662
										DIFF IN ELEVATION + 8.232
										F.B. 1395 PG. 69
	68894					60662				

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 393 PG. 70										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPERLING Time 10:50 to 11:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-10 To B.M. 22-9
Date 4-20-53
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
	8.133		211		#5	2.274		214		B.M. 22-10
	7.922		210			2.060		211		CRENSHAW BLVD & CARSON ST
	7.712		421			1.849		425		SEE F.B. 1395-14
1	23.767	7.922		421	62°	6.183	2.061		425	FOR DESCRIPTION
	7.635		213			3.615		218		
	7.422		211			3.397		215		⊼ E. LANDA
	7.211		424			3.182		433		
2	22.268	7.423		.845		10.194	3.398		.858	
	2.812		230			10.040		227		
	2.582		230			9.813		223		
	2.352		460			9.590		450		
3	7.746	2.582		1.305		29.443	9.814		1.308	
	4.024		215			5.866		213		
	3.809		213			5.653		212		
	3.596		428			5.441		425		
4	11.429	3.810		1.733		16.960	5.653		1.733	
	9.208		189			1.590		185		
	9.019		188			1.405		184		
	8.831		377			1.221		369		
5	27.058	9.019		2.110		4.216	1.405		2.102	
		30.756					22.331			

F.B. 1395 PG. 71

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPELING Time 10:50 to 11:[illegible] Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-10 To B.M. 22-9
Date 4-20-53
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
	5.882	30.756	216	2.110		10.407	2.531	215	2.102	
	5.666		216			10.192		212		
	5.450		432			9.980		427		
6.	16.998	5.666		2.542		30.579	10.193		2.529	
	1.750		198			2.949		197		
	1.552		195			2.752		195		
	1.357		393			2.557		392		
7	4.659	1.553		2.935		8.258	2.753		2.921	
	9.630		214			5.403		214		
	9.416		214			5.189		216		
	9.202		428			4.973		430		
8.	28.248	9.416		3.363		15.565	5.183		3.351	
	4.192		211			5.459		212		
	3.981		211			5.247		211		
	3.770		422			5.036		423		
9	11.943	3.981		3.785		15.742	5.247		3.774	
	4.509		211			5.978		212		
	4.298		212			5.766		212		
	4.086		423			5.554		424		
10	12.893	4.298		4.208		17.298	5.766		4.198	
		55.670					51.478			

F.B. 1395 PG. 72

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party S. E. OREER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPELING Time 10:50 to 11:20 Rod No. 5X6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-10 To B.M. 22-9
Date 4-20-53
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
	4.903	55.670	212	4.208		6.361	51.478	212	4.198	
	4.691		211			6.149		211		
	4.480		423			5.938		423		
11.	14.074	4.691		4.631		18.448	6.149		4.621	
	0.618		213			11.658		215		B.M. 22-9
	0.485		212			11.443		213		CRENSHAW BLVD. & DOMINGUEZ ST.
	0.273		425			11.230		428		SEE F.B. 1395-13
12.	1.450	0.485		5.056	68°	34.331	11.444		5.049	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 22-10 TO B.M. 22-9
										TOTAL BACKSIGHTS = + 60.846
										TOTAL FORESIGHTS = - 69.071
										DIFF. IN ELEVATION = - 8.225
										F.B. 1395 PG. 73
		60.846					69.071			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1395 PG. 74										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G.E. DREIER Time 2:40 TO 3:30 Rod No. 5*6

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4933
From B.M. 22-10 To B.M. 22-11
Date 4-17-53
Indexed T. 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
	4.491		210		#5	5.454		216		B.M. 22-10
	4.281		210			5.238		218		CRENSHAW BLVD & CARSON ST
	4.071		420			5.020		434		SEE F.B. 1395-14
1	12.843	4.281		420	70°	15.712	5.237		434	FOR DESCRIPTION
	4.588		218			5.698		218		
	4.370		217			5.480		215		T. E. LANDA
	4.153		435			5.265		433		
2	13.111	4.370		855		16.443	5.481		867	
	4.471		216			5.688		217		
	4.255		216			5.471		214		
	4.039		432			5.257		431		
3	12.765	4.255		1.287		16.416	5.472		1.298	
	4.479		210			5.582		214		
	4.269		211			5.368		214		
	4.058		421			5.154		428		
4	12.806	4.269		1.708		16.104	5.368		1.726	
	5.028		220			4.959		209		
	4.808		219			4.750		210		
	4.589		439			4.540		419		
5	14.425	4.808		2.147		14.249	4.750		2.135	
		21.983					26.308			

F.B. 1395 PG. 75

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:40 TO 3:[illegible] Rod No. 516

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-10 To B.M. 22-11
Date 4-17-53
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
	5.971	21.983	221	2147		4.495	26.[illegible]	223	2.145	
	5.750		220			4.272		222		
	5.530		441			4.050		445		
6	17.251	5.750		2.588		12.817	4.[illegible]		2.590	
	5.674		223			5.061		224		
	5.451		220			4.843		220		
	5.231		443			4.623		444		
7	16.356	5.452		3.031		14.533	4.844		3.034	
	4.280		214			5.690		216		
	4.066		213			5.474		214		
	3.853		427			5.260		430		
8	12.199	4.066		3.458		16.424	5.[illegible]		3.464	
	4.524		215			5.506		215		
	4.309		214			5.285		215		
	4.095		429			5.070		430		
9	12.928	4.309		3.887		15.855	5.285		3.894	
	4.352		214			6.033		215		
	4.138		213			5.818		216		
	3.925		427			5.602		431		
10	12.415	4.138		4.314		17.453	5.[illegible]		4.325	
		45.698					52.[illegible]2			

F.B. 1395 PG. 76

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 2:40 TO 3:30 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-10 To B.M. 22-11
Date 4-17-53
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
	4.726	45.698	168	4.314		5.743	52.002	167	4.325	
	4.558		168			5.576		167		
	4.390		336			5.409		334		
11	13.674	4.558		4.650		16.728	5.576		4.659	
	4.518		216			5.345		213		B.M. 22-11
	4.302		212			5.132		210		CRENSHAW BLVD. & SEPULVEDA
	4.090		428			4.922		423		SEE F.B. 1395-15
12	12.910	4.302		5.078		15.393	5.131		5.582	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 22-10 TO B.M. 22-11
										TOTAL BACKSIGHTS +54.559
										TOTAL FORESIGHTS -62.709
										DIFF IN ELEVATION - 8.150
										F.B. 1395 PG. 77
	54.559					62.709				

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1395 PG. 78										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPFLING Time 10:00 TO 10:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-11 To B.M. 22-10
Date 4-20-53
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
	5.451		207		#5	4.632		214		B.M. 22-11
	5.244		205			4.418		215		CRENSHAW BLVD. & SEPULVEDA BLVD
	5.039		412			4.203		429		SEE F.B. 1395-15
1.	15.734	5.245		.412	60°	13.253	4.418		.429	FOR DESCRIPTION
	5.947		169			4.920		169		
	5.779		168			4.760		167		[illegible]
	5.611		337			4.593		336		
2.	17.338	5.779		.749		14.282	4.761		.765	
	6.422		216			4.739		214		
	6.206		215			4.525		213		
	5.991		431			4.312		427		
3.	18.619	6.206		1.180		13.576	4.525		.192	
	5.773		216			4.797		216		
	5.557		213			4.581		216		
	5.344		429			4.365		432		
4.	16.674	5.558		1.609		13.743	4.581		1.624	
	6.022		212			4.614		214		
	5.810		213			4.400		210		
	5.597		425			4.190		424		
5.	17.429	5.810		2.034		13.204	4.401		2.048	
		28.598					22.686			

F.B. 1395 PG. 79

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPERING Time 10:00 to 10:[illegible] Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4933
From B.M. 22-11 To B.M. 22-16
Date 4-20-53
Indexed [illegible]

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
	5.509	28.596	221	2.034		6.114	[illegible]	223	2.048	
	5.288		223			5.891		221		
	5.068		441			5.6[illegible]		444		
6.	15.865	5.288		2.475		17.695	5.[illegible]92		2.492	
	4.864		224			6.230		222		
	4.580		222			6.058		221		
	4.359		446			5.837		443		
7.	13.743	4.581		2.220		18.175	[illegible]58		2.035	
	5.010		218			5.663		212		
	4.792		215			4.850		212		
	4.577		433			4.638		424		
8.	14.379	4.793		3.353		14.550	4.850		3.359	
	5.980		215			4.899		212		
	5.765		213			4.665		211		
	5.552		428			4.454		423		
9.	17.297	5.766		3.781		13.998	4.665		3.782	
	6.095		218			4.879		219		
	5.877		216			4.660		215		
	5.661		434			4.445		434		
10.	17.633	5.878		4.215		13.984	4.661		4.216	
		51.906					28.912			

F.B. 1395 PG 80

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPELING Time 10:00 to 10:45 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-11 To B.M. 22-10
Date 4-20-53
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
	5.922	52.902	216	4.215		4.811	48.817	216	4.216	
	5.706		215			4.595		216		
	5.491		431			4.379		432		
11.	17.119	5.706		4.646		13.785	4.595		4.648	
	6.262		216			5.303		213		B.M. 22-10
	6.046		216			5.090		211		CRENSHAW BLVD. + CARSON ST.
	5.830		432			4.879		424		SEE F. B. 1395-14
12.	18.138	6.046		5.078	62°	15.272	5.091		5.072	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 22-11 TO B.M. 22-10
										TOTAL BACKSIGHTS = +66.656
										TOTAL FORESIGHTS = -58.498
										DIFF IN ELEVATIONS +8.158
		66.656					58.498			

F.B. 1395 PG. 81

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

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. 1395 PG. 82										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Drake Weather Cloudy Inst. No. 50010
Notes by E. Lopez Time 1:35 To 2:30 Rod No. 556

Name L.A. CO. PRECISE LEVEL NET
Job No. 0923
From B.M. 22-11 To B.M. 22-12
Date 8-20-58
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
	1171		218		86	5503		215		B.M. 22-11
	7506		212			5330		216		Crenshaw Blvd. & Sepulveda
	7326		220			3113		227		S.C. F.B. 1395-15
1	2670	7500		222	67°	9979	5333		427	for description
	5311		224			6226		223		
	5100									
2	10332	5311		268		13402	6667		950	
	2307		215			2103		213		
	2302		218			2303		216		
	2318		220			2711		227		
3	5 77	2392		1277		10192	4951		1277	
	3790		217			4229		221		
	3513		215			4208		220		
	3808		232			3997		221		
4	10721	3574		1709		12426	4208		1718	
	2325		217			6121		216		
	4112		218			4927		215		
	5818		235			4762		229		
5	12255	4		7100		15810	4977		2147	
	26					31				

F.B. 1395 PG. 83

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. [illegible]
From B.M. 22-11 To B.M. 22-12
Date 6-20-53
Indexed [illegible]

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
	4977 4758 4546 10275	2.962	219 212 431	2144		4368 4158 3948 12474	4.158	211 210 421	2107	
7	5881 5670 5458 17009	5.670	211 212 423	2992		4892 4677 4460 14029	4.676	215 217 432	3000	
8	4857 4643 4432 13932	4.644	214 211 425 7 5	3418		4633 4419 4205 13257	4.419	214 214 428	3428	Summary of Run B.M. 22-11 to B.M. 22-12
9	4725 4590 4457 13772	4.591	155 133 288 5	3686		5236 5110 4974 15330	5.110	136 136 272	3700	Total Back sights = 51.231 Total Fore Sights = 46.088 Diff. in Elev. = 5.143
10	4758 4616 4473 13847	4.616	142 143 285 0	3971	67°	5987 5812 5687 17436	5.812	125 125 250	3950	B.M. 22-12 Scribed Step of Hse. #2800 See F.B. 1395-16 for description
		51.231					46.088			

F.B. 1325 PG. 84

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 500.10
Notes by E. Landa Time 2:30 to 3:15 Rod No. 556

Name L.A. CO. PRECISE LEVEL NET
Job No. 0929
From B.M. 22-12 To B.M. 22-11
Date 4-20-55
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
	6002		133		#5	4808		135		B.M. 22-12
	5869		133			4673		135		Sepulveda Blvd. at Hse #2840
	5736		266			4540		268		See F.B. 1395-16
1	17607	5869		266	67°	14021	4674		268	for description
	5328		137			4507		135		
	4891		137			4372		133		Note: G. Dreier
	4754		274			4239		268		
2	14973	4891		540		13118	4373		536	
	4646		217			4461		215		
	4429		216			4253		212		
	4213		433			4041		427		
3	13288	4429		973		12762	4254		963	
	4918		218			5109		212		
	4700		218			4897		211		
	4482		436			4686		423		
4	14100	4700		1409		14692	4897		1386	
	4382		213			4982		213		
	4169		212			4769		212		
	3957		425			4557		425		
5	12507	4169		1834		14310	4770		1209	
		24.051					24.168			

F.B. 1395 PG. 85

FORM 379 5M 7-40

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LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Cloudy 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. 4923
From B.M. 22-12 To B.M. 22-11
Date 4-20-53
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
	4890	24.058	212	1834		6040	24.168	222	1859	
	4678		211			5818		220		
	4467		423			5598		442		
6	14035	4.678		2257		17456	5.816		2251	
	4380		220			3745		218		
	4160		220			3527		216		
	3940		440			3311		434		
7	12480	4.160		2697		10583	3.528		2685	
	4871		214			4338		217		
	4657		212			4121		214		Summation of Run
	4445		426			3907		431		B.M. 22-12 to B.M. 22-11
8	13973	4.658		3123		12366	4.122		3116	
	4860		212			5702		212		Total Backsights = + 45.389
	4648		211			5490		212		Total Foresights = - 50.541
	4437		423			5278		424		Diff. in Elev. = - 5.152
9	13945	4.648		3546		16470	5.490		3540	
	3401		213			7632		215		B.M. 22-11
	3188		216			7417		215		Crenshaw Blvd. & Sepulveda Blvd.
	2972		429			7202		430		See F.B. 1395-15
10	9561	3.187		3975		22251	7.417		3970	for description
		45.389					50.541			

F.B. 1395 PG. 86

FORM 379 5M 7-40

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700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPSTEING Time 9:45 to 10:45 Rod No. 5 & 6

Name E. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-12 To B.M. 22-14
Date 4-21-53
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
	6.504		214		#5	4.508		213		B.M. 22-12
	6.290		213			4.295		214		SEPULVEDA BLVD. AT HSE. # 2840
	6.077		427			4.081		427		SEE F.B. 1395-16
1	18.871	6.290		.427	64°	12.884	4.295		.427	FOR DESCRIPTION
	5.326		216			6.088		218		
	5.110		215			5.870		215		↑ E. LAND
	4.895		431			5.655		433		
2	15.331	5.110		.858		17.613	5.871		.860	
	4.048		216			6.548		218		
	3.832		215			6.330		215		
	3.617		431			6.115		433		
3	11.497	3.832		1.289		18.993	6.331		1.293	
	4.931		214			5.504		214		
	4.717		215			5.290		216		
	4.502		429			5.073		43~~0~~1		
4	14.150	4.717		1.718		15.867	5.289		1.72~~3~~4	
	6.489		216			4.876		216		
	6.273		215			4.660		213		
	6.058		431			4.447		429		
5	18.820	6.273		2.149		13.983	4.661		2.15~~2~~3	
		26.222					26.447			

F.B. 1395 PG. 87

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPFLING Time 9:45 to 10:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-12 To B.M. 22-14
Date 4-21-53
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
	6.355	26.222	215	2.149		6.700	26.447	214	2.152	
	6.140		212			6.486		211	.3	
	5.928		427			6.275		425		
6.	18.423	6.141		2.576		19.461	6.487		2.577 8	
	3.545		215			7.303		214		
	3.330		211			7.089		212		
	3.119		426			6.877		426		
7.	9.994	3.331		3.002		21.269	7.090		3.003 4	
	5.342		214			4.760		214		
	5.128		213			4.546		213		
	4.915		427			4.333		427		
8.	15.385	5.128		3.429		13.639	4.546		3.436 1	
	7.521		211			3.150		217		
	7.310		210			2.933		213		
	7.100		421			2.720		430		
9.	21.931	7.310		3.850		8.803	2.934		3.860 1	
	8.823		214			2.961		213		
	8.609		211			2.748		213		
	8.398		425			2.535		426		
10.	25.830	8.610		4.275		8.244	6.748		4.286 1	
		56.742					53.252			

F.B. 1395 PG. 88

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPELING Time 9:45 to 10:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-12 To B.M. 22-14
Date 4-21-53
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	56.742	214	4.275		3.275	50.75	215	4.286	
	5.718		212			3.060		211	7	
	5.506		426			2.849		426		
11.	17.156	5.719		4.701		9.184	3.061		4.713	
	4.961		210			6.790		215		
	4.751		212			6.575		215		
	4.539		422			6.360		430		
12.	14.251	4.750		5.123		19.725	6.575		5.143	
	3.151		214			7.219		214		
	2.937		214			7.005		213		
	2.723		428			6.792		427		
13.	8.811	2.937		5.551		21.016	7.005		5.570	
	3.846		136			6.422		127		
	3.710		135			6.295		125		
	3.575		271			6.170		252		
14.	11.131	3.710		5.822		18.887	6.296		5.822	
	2.911		130			6.892		131		
	2.781		130			6.761		129		
	2.651		260			6.632		260		
15.	8.343	2.781		6.082		20.285	6.762		6.072	
		76.639					79.951			

F.B. 1395 PG. 89

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPFLING Time 9:45 to 10:45 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-13 To B.M. 22-14
Date 4-21-53
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
		76.639		6.082			70.95		6.08	B.M. 22-13 (TORRANCE N-9) SEPULVEDA BLVD. & HAWTHORNE AVE. SEE F.B. 1395-17 FOR DESCRIPTION
	6.593 6.418 6.260		155 158 313			5.609 5.453 5.302		151 151 302		B.M. 22-14 (TORRANCE J-9) SEPULVEDA BLVD. & HAWTHORNE AVE. SEE F.B. 1395-17 FOR DESCRIPTION
16.	19.2511	6.417		6.395	66°	16.3591	5.453		6.302	
										SUMMATION OF RUN B.M. 22-13 TO B.M. 22-14
F.B. 1395 PG. 90										TOTAL BACKSIGHTS = + 83.056 TOTAL FORESIGHTS = − 85.404 DIFF. IN ELEVATION = −2.348
		83.056					85.404			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPELING Time 10:50 to 11:40 Rod No. 256

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4922
From B.M. 22-14 To B.M. 22-12
Date 4-21-53
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
	5.608 5.456 5.305		152 151 303		#5	6.577 6.420 6.263		157 157 314		B.M. 22-14 (TORRANCE J-9) SEPULVEDA BLVD. & HAWTHORNE AVE. SEE F.B. 1395-17 FOR DESCRIPTION
1.	16.369	5.456		.303	66°	19.260	6.420		.314	
										B.M. 22-12 (TORRANCE J-9) SEPULVEDA BLVD. & HAWTHORNE AVE. SEE F.B. 1395-17 FOR DESCRIPTION
	6.890 6.765 6.623		130 130 260			2.913 2.783 2.653		131 129 260		AT E. LAVLA
2.	20.280	6.760		.563		8.348	2.783		.574	
	6.502 6.373 6.244		129 129 258			3.919 3.788 3.658		131 130 261		
3.	19.119	6.373		.821		11.365	3.788		.835	
	7.196 6.981 6.770		215 211 426			3.123 2.913 2.701		215 212 427		
4.	20.947	6.982		1.242		8.742	2.914		1.262	
		25.571					15.905			

F.B. 1395 PG. 91

FORM 379 5M 7-40

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700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPELING Time 10:50 to 11:40 Rod No. 516

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-14 To B.M. 22-12
Date 4-21-53
Indexed [illegible]

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
	6.740	25.571	219	1.247		4.911	15.905	209	1.262	
	6.528		218			4.702		209		
	6.310		430			4.493		418		
5.	19.585	6.528		1.684		14.106	4.702		1.680	
	3.237		215			5.897		215		
	3.022		212			5.682		212		
	2.810		427			5.470		427		
6.	9.069	3.023		2.111		17.049	5.683		2.107	
	2.800		211			8.666		216		
	2.589		213			8.450		212		
	2.376		424			8.238		428		
7.	7.765	2.588		2.535		25.354	8.451		2.535	
	3.007		216			7.382		212		
	2.793		214			7.170		212		
	2.579		430			6.958		424		
8.	8.381	2.794		2.965		21.510	7.170		2.957	
	4.627		213			5.207		214		
	4.414		214			4.993		213		
	4.200		427			4.780		427		
9.	13.241	4.414		3.392		14.980	4.993		3.386	
		44.918					46.904			

F.B. 395 PG. 92

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPFLING Time 10:50 to 11:40 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-14 To B.M. 22-12
Date 4-21-53
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
	7.311	44.918	213	3.392		3.553	46.904	213	3.336	
	7.098		214			3.340		213		
	6.884		427			3.130		426		
10.	21.293	7.098		3.819		10.023	3.341		3.809	
	6.661		215			6.216		215		
	6.445		213			6.101		211		
	6.232		428			5.890		426		
11.	19.337	6.446		4.247		18.307	6.102		4.235	
	4.369		216			6.480		216		
	4.653		212			6.264		212		
	4.441		428			6.052		428		
12	13.963	4.654		4.675		18.796	6.265		4.663	
	5.489		217			4.912		213		
	5.272		214			4.699		212		
	5.058		431			4.487		425		
13.	15.819	5.273		5.106		14.098	4.699		5.088	
	6.350		214			3.853		217		
	6.136		213			3.636		219		
	5.923		427			3.417		436		
14.	18.409	6.136		5.533		10.906	3.635		5.524	
		74.525					70.946			

F.B. 1395 PG. 92

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPELING Time 10:50 to 1:40 Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 4922
From B.M. 22-14 To B.M. 22-12
Date 4-21-53
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
	6.031	74.525	216	5.533		5.321	70.746	218	5.524	
	5.865		216			5.103		214		
	5.649		432			4.889		432		
15.	17.595	5.865		5.965		15.313	5.104		5.956	
	4.548		216			6.547		218		B.M. 22-12
	4.332		212			6.329		214		SEPULVEDA BLVD. AT HSE. # 2840
	4.120		428			6.115		432		SEE F.B. 1395-16
16.	13.000	4.333		6.393	67°	18.991	6.330		6.388	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 22-14 TO B.M. 22-12
										TOTAL BACKSIGHTS = + 84.723
										TOTAL FORESIGHTS = − 82.380
										DIFF. IN ELEVATION = + 2.343
		84.723					82.380			

F.B. 1395 PG. 94

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by D. KEVELIN Time 2:00 to 2:45 Rod No. 546

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-14 To B.M. 22-15
Date 4-21-53
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
	5032		224		#5	5776		222		B.M. 22-14 (TORRANCE J-9)
	4808		221			5554		221		SEPULVEDA BLVD. & HAWTHORNE AVE.
	4587		445			5333		443		SEE F.B. 1395-17
1.	14427	4809		445	66°	16663	5554		443	FOR DESCRIPTION
	4460		213			5087		215		
	4247		213			4872		213		T. E. LANDA
	4034		426			4659		428		
2.	12741	4247		871		14618	4873		871	
	4048		213			5452		214		
	4709		211			5238		217		
	4518		424			5021		431		
3.	14189	4730		1295		15711	5237		1302	
	4125		213			5502		214		
	3912		212			5288		217		
	3700		425			5071		431		
4.	11737	3912		1720		15861	5287		1733	
	4361		211			5671		214		
	4150		211			5457		215		
	3939		422			5242		429		
5.	12450	4150		2142		16370	5457		2162	
		21848					26408			

F.B. 1395 PG. 25

FORM 375 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. DREIER Weather WINDY Inst. No. 50010
Notes by D. KEVELIN Time 2:00 to 2:[illegible] Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-14 To B.M. 22-15
Date 4-21-53
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
	4193	21.848	213	2142		5173	[illegible]	213	2162	
	3980		212			4960		211		
	3768		425			4749		424		
6	11941	3.980		2567		14882	[illegible]		2586	
	5874		217			5082		208		
	5662		216			4873		207		
	5446		433			4666		416		
7	16987	5662		3000		14621	[illegible]		3002	
	5699		212			4111		213		
	5487		213			3898		215		
	5274		425			3683		428		SUMMATION OF RUN
8	16460	5.487		3425		11692	3897		3430	B.M. 22-14 to B.M. 22-15
	6563		139			3631		138		TOTAL BACKSIGHTS = + 49.763
	6424		137			3493		136		TOTAL FORESIGHTS = − 48.545
	6287		276			3357		274		DIFF. IN ELEVATION = + 1.218
F.B. 1395 PG. 96 0	19274	6425		3701		10481	3.494		3704	
	6500		140			5049		139		B.M. 22-15 (TORRANCE K-10)
	6360		138			4910		137		HAWTHORNE AVE. + 230TH ST.
	6222		278			4773		276		SEE F.B. 1395-18
10	19082	6361		3979	62°	14732	4911		3960	FOR DESCRIPTION
		49.763					48.545			

FORM 379 5M 7-40

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700 HALL OF RECORDS

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPELING Time 1:45 to 2:25 Rod No. 556

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-15 To B.M. 22-14
Date 4-22-53
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
	4487		137		#5	5.945		139		B.M. 22-15 (TORRANCE K-10)
	4.350		138			5.801		140		HAWTHORNE AVE. & 230TH. ST.
	4.212		275✓			5.661		279✓		SEE F.B. 1395-18
1.	13.049	4.350✓		.275✓	64°	17.402	5.80✓		.279✓	FOR DESCRIPTION
	4.053		141			6.978		138		
	3.912		140			6.840		138		↑ E. LANDA
	3.772		281✓			6.702		276✓		
2.	11.737	3.912✓		.556✓		20.520	6.840✓		.555✓	
	3.650		218			5.235		213		
	3.432		215			5.022		213		
	3.217		433✓			4.809		426✓		
3	10.299	3.433✓		.987✓		15.066	5.022✓		.981✓	
	4.698		216			5.480		212		
	4.482		212			5.268		213		
	4.270		428✓			5.055		425✓		
4	13.450	4.483✓		1.417✓		15.803	5.268✓		1.406✓	
	5.082		215			4.100		212		
	4.867		216			3.888		211		
	4.651		431✓			3.677		423✓		
5.	14.600	4.867✓		1.848✓		11.665	3.888✓		1.829✓	
		21.045✓					26.819✓			

F.B. 1395 PG. 97

FORM 379 5M 7-40

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LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR-WARM Inst. No. 50010
Notes by R. HEMPPLING Time 1:45 TO 2:25 Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-15 To B.M. 22-14
Date 4-22-53 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
	5.343	21.045	216	1.848		4.023	26.819	210	1.829	
	5.127		218			3.813		211		
	4.909		434			3.602		421		
6.	15.379	5.126		2.282		11.438	3.813		2.250	
	5.570		211			4.207		220		
	5.359		209			3.987		220		
	5.150		420			3.764		440		
7.	16.079	5.360		2.702		11.967	3.987		2.690	
	5.200		214			4.688		214		
	4.986		215			4.474		212		
	4.771		429			4.262		426		SUMMATION OF RUN
8.	14.957	4.986		3.131		13.424	4.475		3.116	B.M. 22-15 TO B.M. 22-14
	4.667		212			4.043		217		TOTAL BACKSIGHTS = + 46.542
	4.455		212			3.831		215		TOTAL FORESIGHTS = − 47.750
	4.243		424			3.616		432		DIFF. IN ELEVATION = − 1.208
9.	13.365	4.455		3.555		11.495	3.832		3.548	
	5.791		221			5.047		224		B.M. 22-14 (TORRANCE J-9)
	5.570		221			4.823		220		HAWTHORNE AVE. + SEPULVEDA BLVD.
	5.349		442			4.603		444		SEE F.B. 1395-17
10.	16.710	5.570		3.997	1650	14.473	4.824		3.992	FOR DESCRIPTION
		46.542					47.750			

F.B. 1395 PG. 98

FORM 379 5M 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

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Chief of Party G.E. DREIER Weather CLOUDY-WINDY Inst. No. 50610
Notes by R. HEMPELING Time 3:00 to 3:30 Rod No. 5 & 6

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-15 To B.M. 21-59
Date 4-21-53
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
	4.735		214		#5	7.337		211		B.M. 22-15 (TORRANCE R-10)
	4.521		211			7.126		212		HAWTHORNE AVE. & 230TH ST.
	4.310		425			6.914		423		SEE F.B. 1395-18
1.	13.566	4.522		.425	62°	21.377	7.126		.423	FOR DESCRIPTION
	9.100		272			7.203		214		
	2.888		213			6.989		214		T E. LANDA
	2.695		425			6.775		428		
2.	8.683	2.887		.850		20.967	6.989		.851	
	3.006		214			6.131		214		
	2.792		213			5.917		212		
	2.579		427			5.705		426		
3.	8.377	2.792		1.277		17.753	5.918		1.277	
	4.924		214			5.269		214		
	4.710		210			5.055		213		
	4.500		424			4.842		427		
4.	14.134	4.711		1.701		15.166	5.055		1.704	
	5.327		214			5.390		217		
	5.111		211			5.173		214		
	4.900		425			4.959		431		
5.	15.336	5.112		2.126		15.522	5.174		2.135	
		20.025					30.262			

F.B. 1395 PG. 99

FORM 379 5M 7-40

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700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY-WINDY Inst. No. 50010
Notes by R. HEMPELING Time 3:00 to 3:30 Rod No. 576

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-15 To B.M. 21-59
Date 4-21-53
Indexed [illegible]

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
	5.472	20.025	213	2.126		5.062	[illegible]	212	2.135	
	5.259		211			4.850		214		
	5.048		424			4.636		426		
6.	15.779	5.260		2.550		14.548	[illegible]		2.561	
	5.308		215			5.608		215		
	5.093		212			5.393		212		
	4.881		427			5.180		427		
7.	15.282	5.094		2.977		16.181	[illegible]		2.989	
	5.192		218			[illegible]		214		
	4.954		215			5.016		214		
	4.739		433			4.802		428		
8.	14.865	4.955		3.410		15.048	5.016		3.412	
	5.157		215			5.319		216		
	4.942		212			5.103		212		
	4.730		427			4.891		428		
9.	14.829	4.943		3.832		15.313	[illegible]		3.845	
	5.316		215			5.225		215		
	5.101		211			5.010		212		
	4.890		426			4.798		427		
10.	15.307	5.102		4.263		15.033	[illegible]		4.272	
		45.379					50.636			

F.B. 1395 PG. 100

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C.E. DREIER Weather CLOUDY - WINDY Inst. No. 50010
Notes by R. HEMPELING Time 3:00 to 3:30 Rod No. 5x6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-15 To B.M. 21-59
Date 4-21-53
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
	5.428	45.379	2.08	4.263		6.131	55.632	2.05	4.292	
	5.226		2.07			5.926		2.06		
	5.013		4.15			5.720		4.11		
11	15.667	5.220		4.698	65°	17.777	5.926		4.683	
		50.599					61.562			B.M. 22-16 (TANGANCE K-11) HAWTHORNE AVE. AT HSE # 23639 SEE F.B. 1395-19 FOR DESCRIPTION
	6.578		2.14		#5	5.699		2.16		STOP 4/21/53
	6.353		2.10			4.861		2.12		START 4/22/53
	6.148		4.24			4.649		4.28		
12	19.078	6.359		5.102	64°	14.587	4.862		5.111	T. E. LANDA
	6.054		2.14			3.379		2.16		
	5.846		2.10			3.663		2.12		
	5.630		4.24			3.451		4.28		
13	17.524	5.841		5.526		10.913	3.664		5.539	
	7.052		2.12			2.158		2.16		
	6.840		2.12			1.942		2.13		
	6.628		4.24			1.729		4.29		
14	20.520	6.840		5.957		5.829	1.943		5.968	
		69.639					72.031			

F.B. 1395 PG. 101

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPELING Time 10:25 to 11:55 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-15 To B.M. 21-59
Date 4-22-53
Indexed [illegible]

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
	8.301	69.639	212	5.950		[illegible]	[illegible]	214	5.968	
	8.089		210			2.224		214		
	7.879		422			2.01[illegible]		428		
15	24.269	8.090		6.372		6.672	2.224		6.396	
	8.080		218			2.702		209		
	7.862		214			2.493		210		
	7.648		432			2.283		419		
16	23.590	7.863		6.804		7.478	[illegible]		6.815	
	7.482		180			[illegible]		18[illegible]		B.M. 21-59 (TORR. R-12)(U.S. 3815)
	7.302		176			3.39[illegible]		17[illegible]		PAC. COAST HWY. & HAWTHORNE AVE.
	7.126		356			3.21[illegible]		360		SEE F.B. 1391-57
17	21.910	7.303		7.160	66°	10.178	3.393		7.175	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 22-15 TO B.M. 21-59
										TOTAL BACKSIGHTS = + 92.895
										TOTAL FORESIGHTS = - 80.141
										DIFF. IN ELEVATION = + 12.754
		92.895					80.141			

F.B. 1395 PG. 102

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPELING Time 10:55 to 1:50 Rod No. 5+6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-59 To B.M. 22-15
Date 4-22-53
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
	3.608		180		#5	7.514		178		B.M. 21-59 (TORR K-13) (U.S. 3815)
	3.428		179			7.336		177		PAC. COAST HWY & HAWTHORNE AVE.
	3.249		359			7.159		355		SEE F.B. 1391-57
1.	10.285	3.428		.359	66°	22.009	7.336		.355	FOR DESCRIPTION
	2.651		213			8.017		213		
	2.438		213			7.804		211		& F. LANDA
	2.225		426			7.593		424		
2.	7.314	2.438		.785		23.414	7.805		.779	
	2.410		213			8.274		211		
	2.197		212			8.063		211		
	1.985		425			7.852		422		
3.	6.592	2.197		1.210		24.189	8.063		1.201	
	2.197		216			7.090		211		
	1.981		212			6.879		212		
	1.969		428			6.667		423		
4.	5.947	1.982		1.638		20.636	6.879		1.624	
	3.861		214			6.032		212		
	3.647		214			5.820		211		
	3.433		428			5.609		423		
5.	10.941	3.647		2.066		17.461	5.820		2.047	
		13.692					35.903			

F.B. 1395 PG. 103

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by R. HEMPFLING Time 10:55 to 1:50 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-59 To B.M. 22-15
Date 4-22-53
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
	5.054	13.692	214	2.066		6.552	3[illegible]	213	2.042	
	4.840		211			6.339		212		
	4.629		425			6.1[illegible]		425		
6	14.523	4.841		2.491		19.018	6.339		2.472	
		18.533					4[illegible].242			B.M. 22-16 (TORRANCE K-11) HAWTHORNE AVE. AT HSE. # 23639 SEE F.B. 1395-19 FOR DESCRIPTION
	6.153		205			5.440		204		
	5.948		208			5.238		2[illegible]		
	5.740		413			5.03[illegible]		416		
7.	17.841	5.947		2.904		15.712	5.237		2.882	
	5.157		209			5.260		219		
	4.948		209			5.041		217		
	4.739		418			4.824		436		
8	14.844	4.948		3.322		15.125	5.042		3.318	
	5.392		213			5.230		213		
	5.179		211			5.017		215		
	4.968		424			4.802		428		
9.	15.539	5.180		3.746		15.049	5.016		3.746	
		34.608					5[illegible].537			

F.B. 1395 PG. 104

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by R. HEMPELING Time 10:55 TO 1:50 Rod No. 576

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-51 To B.M. 22-15
Date 4-22-53
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
	5.400	34.608	216	3.746		5.345	47.537	218	3.746	
	5.184		212			5.129		216		
	4.912		428			4.911		434		
10	15.556	5.185		4.174		15.383	5.128		4.180	
	5.554		215			5.237		215		
	5.324		212			5.022		212		
	5.116		428			4.810		427		
11	15.994	5.335		4.602		15.069	5.023		4.607	1. HOUR FOG LUNCH
	5.062		212			5.472		213		
	4.850		211			5.265		213		
	4.639		423			5.059		426		
12	14.551	4.850		5.025		15.795	5.265		5.033	
	5.479		212			5.413		214		
	5.267		211			5.199		211		
	5.053		426			4.988		425		
13	15.799	5.266		5.451		15.600	5.200		5.458	
	5.257		214			4.911		213		
	5.043		212			4.698		211		
	4.831		426			4.487		424		
14	15.131	5.044		5.877		14.096	4.699		5.882	
		60.278					82.852			

F.B. 1395 PG. 105

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPELING Time 10:15 to 11:50 Rod No. 576

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 7923
From B.M. 21-59 To B.M. 22-15
Date 4-22-53
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
	6.002	60.278	2.13	5.897		2.893	82.852	2.12	5.882	
	5.789		2.13			2.661		2.13		
	5.576		4.26			2.448		4.25		
15	17.367	5.789		6.303		7.982	2.661		6.307	
	7.173		2.12			3.073		2.13		
	6.961		2.11			2.860		2.11		
	6.750		4.23			2.649		4.24		
16	20.884	6.961		6.226		8.582	2.861		6.231	
	7.241		2.11			4.637		2.15		B.M. 22-15 (TORRANCE K-10) HAWTHORNE AVE. + 230 W. ST. SEE F.B. 1395-18 FOR DESCRIPTION
	7.030		2.12			4.422		2.12		
	6.818		4.23			4.210		4.27		
17	21.089	7.030		7.149	.640	13.269	4.423		7.158	
										SUMMATION OF RUN B.M. 21-59 TO B.M. 22-15
										TOTAL BACKSIGHTS = 80.058
										TOTAL FORESIGHTS = 92.797
										DIFF. IN ELEVATION = 12.739
		80.058					92.797			

F.B. 1395 PG. 106

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPELING Time 9:55 TO 10:10 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-59 To B.M. 21-58
Date 4-23-53
Indexed L. C. JOLIBOIS

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
	4.847		211		#5	6.500		215		B.M. 21-59 (TORR. N-12)(U.S. 3815)
	4.636		211			6.285		214		PAC. COAST HWY. & HAWTHORNE AVE.
	4.425		422 ✓			6.071		429 ✓		SEE F.B. 1391-57
1.	13.908	4.636 ✓		422	61°	18.856	6.285 ✓		429 ✓	FOR DESCRIPTION
	3.601		212			8.359		212		
	3.389		211			8.147		210		T. E. LANDA
	3.178		423 ✓			7.937		422 ✓		
2.	10.168	3.389 ✓		.845		24.443	8.148 ✓		.851 ✓	
	4.122		215			7.892		214		
	3.907		214			7.678		215		
	3.693		429 ✓			7.463		429 ✓		
3.	11.722	3.907 ✓		1.274		23.033	7.678 ✓		1.280 ✓	
	2.530		213			6.838		216		
	2.317		210			6.622		211		
	2.107		423 ✓			6.405		430 ✓		
4.	6.954	2.318 ✓		1.697		19.868	6.623 ✓		1.710 ✓	
	3.928		214			5.958		214		
	3.764		213			5.744		212		
	3.551		427 ✓			5.532		426 ✓		
5.	11.243	3.764 ✓		2.124		17.234	5.745 ✓		2.136 ✓	
		18.014					34.479 ✓			

F.B. 1375 PG. 107

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. F. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPFLING Time 9:55 TO 10:10 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-59 To B.M. 21-58
Date 4-23-53
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
	4.888	18.014	158	2.124		5.031	24.499	159	2.136	
	4.730		157			4.872		156		
	4.523		315			4.916		315		
6.	14.191	4.730		2.439		14.619	4.873		2.451	
	4.208		160			4.447		155		B.M. 21-58 (U.S. 2653 K 615)
	4.048		161			4.292		153		PAC. COAST HWY. & STA. 112+00
	3.887		321			4.139		308		SEE F.B. 1391-56
7.	12.143	4.048		2.760	63°	12.878	4.293		2.759	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 21-59 TO B.M. 21-58
										TOTAL BACKSIGHTS = + 26.792
										TOTAL FORESIGHTS = − 43.645
										DIFF. IN ELEVATION = − 16.853
		26.792					43.645			

F.B. 1395 PG. 108

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPFLING Time 9:30 to 9:50 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-58 To B.M. 21-59
Date 4-23-53
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
	4503		155		#5	4262		162		B.M. 21-58 (U.S. 3653 K-615)
	4348		153			4100		160		PAC. COAST HWY AT STA. 112+00
	4195		308			3940		322		SEE F.B. 1391-56
1.	13.046	4.349		.308	60°	12.302	4.101		.322	FOR DESCRIPTION
	[illegible]		161			4901		152		
	4890		160			4749		155		⊼ E. LANDA
	4730		321			4594		307		
2.	14.671	4.890		.629		14.244	4.748		.629	
	5.942		214			3.961		214		
	5.728		212			3.747		212		
	5516		426			3.535		426		
3.	17.186	5.729		1.055		11.243	3.748		1.055	
	6.859		216			2.550		212		
	6643		213			2.338		210		
	6.430		429			2.128		422		
4.	19.932	6.644		1.484		7.016	2.339		1.477	
	7.904		215			4.132		213		
	7.689		211			3.919		216		
	7478		426			3.703		429		
5.	23.071	7.690		1.910		11.754	3.918		1.106	
		29302					18.854			

F.B. 1395 PG. 109

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party S.E. DREIER Weather CLOUD Inst. No. 570010
Notes by R. HEMPELING Time 9:30 to 9:50 Rod No. 5x6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-58 To B.M. 21-59
Date 4-23-53
Indexed E. 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
	8.269	29.302	212	1.710		3.652	16.854	212	1.906	
	8.148		212			3.390		212		
	7.938		420			3.123		424		
6.	24.446	8.149		2.332		10.165	[illegible]		2.330	
	6.459		214			4.808		211		B.M. 21-59 (TORR R-12) (U.S. 3315)
	6.245		214			4.597		209		PAC. COAST HWY. & HAWTHORNE AVE.
	6.031		428			4.388		420		SEE F.B. 1391-52
7.	18.735	6.245		2.760	61°	13.793	4.598		2.750	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 21-58 TO B.M. 21-59
										TOTAL BACKSIGHTS = + 43.696
										TOTAL FORESIGHTS = − 26.842
										DIFF. IN ELEVATION + 16.854
		43.696					26.842			

F.B. 1395 PG. 110

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 11:00 Rod No. 5.86

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-1 To B.M. 22-1A
Date 7-2-53
Indexed C. Johnson 12-21-53

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
	5781		051			5281		050		B.M. 22-1
	5730		050			5231		050		CRENSHAW BLVD & COMPTON BLVD.
	5680		101			5181		100		SEE F.B. 1395-6
1	17.191	5.730		.101		15.693	5.231		.100	FOR DESCRIPTION
	5381		032			6370		032		T.P. B. SPK IN Cb. 44' N.
	5349		031			6338		032		OF B.M. 22-1A
	5318		063			6306		064		-11.569'
2	16.048	5.349'		.164		19.014	6.338			+11.079'
										DIFF IN ELEV. - 0.490
		11.079'					11.569'			B.M. 22-1A
										CRENSHAW BLVD. & COMPTON BLVD
										SEE F.B. 1395-2
										FOR DESCRIPTION
										+11.631
	6352		032			5364		033		-11.141
	6320		030			5331		031		DIFF IN ELEV. + 0.490
	6290		062			5300		064		
1	18.962	6.321		.062		15.995	5.332			T.P. B. SPK.
	5360		050			5859		049		B.M. 22-1
	5310		051			5810		051		CRENSHAW BLVD & COMPTON BLVD
	5259		101			5759		100		SEE F.B. 1395-6
2	15.929	5.310		.163		17.428	5.809			FOR DESCRIPTION
		11.631					11.141			

F.B. 1395 PG. 111

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER
Notes by R. S. RABAGO
Weather HAZY SUN
Time 11:15 TO 11:35
Inst. No. 50010
Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-1 To B.M. 22-1A
Date 7-8-53
Indexed K. S. 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
	5.713		.050		#9	5.214		.050		B.M. 22-1
	5.663		.050			5.164		.051		CRENSHAW BLVD & COMPTON BLVD
	5.613		.100		84°	5.113		.101		SEE F.B. 1395-6
1	16.989	5.663		.100		15.491	5.164		.101	FOR DESCRIPTION
	5.404		.031			6.392		.031		T.P. B.SPK IN CL 40' N. OF B.M. 22-1A
	5.373		.031			6.361		.031		+ 11.036
	5.342		.062			6.330		.062		- 11.525
2	16.119	5.373		.162		19.083	6.361		.163	- 0.489 G.E. DREIER
		11.036					11.525			B.M. 22-1A
										CRENSHAW BLVD AND COMPTON BLVD
										SEE F.B. 1395-2
										FOR DESCRIPTION
	6.437		.032			5.498		.031		+ 11.628
	6.405		.032		#9	5.417		.031		- 11.140
	6.373		.064			5.386		.062		+ 0.488
1	19.215	6.405		.064		16.251	5.417		.062	
	5.273		.050			5.173		.050		T.P. B.SPK
	5.223		.050			5.123		.050		
	5.173		.100			5.073		.100		
2	15.669	5.223		.164		17.169	5.123		.162	B.M. 22-1
		11.628					11.140			

F.B. 1395 PG. 112

Notes Ck'd by	Survey of ~~L.A. CO. PRECISE LEVEL NET~~
Map No.	W.O. P301.02 Tape No. St'd. °F
Office Work	Surveyed by ~~G.E. DREIER~~ G. E. DREIER
Checked	Notes ~~G.E. DREIER~~ G. E. DREIER Date 2-23-56
Date	Indexed ~~A. C. Johnson~~ A. C. Johnson 9-24-56

F. B. 1395 PG. 113

JOB NO. 0301.02

LINE NO 22

L.A.CO PRECISE LEVEL NET

CRENSHAW BLVD,

ADDITIONAL B.M.'S; 22-17 TO 22-20 INCL.

FOR LEVEL NOTES SEE FB 2401.

DREIER
MOODY
SONNENSCHEIN
RODRIGUEZ
MELENDEZ

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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

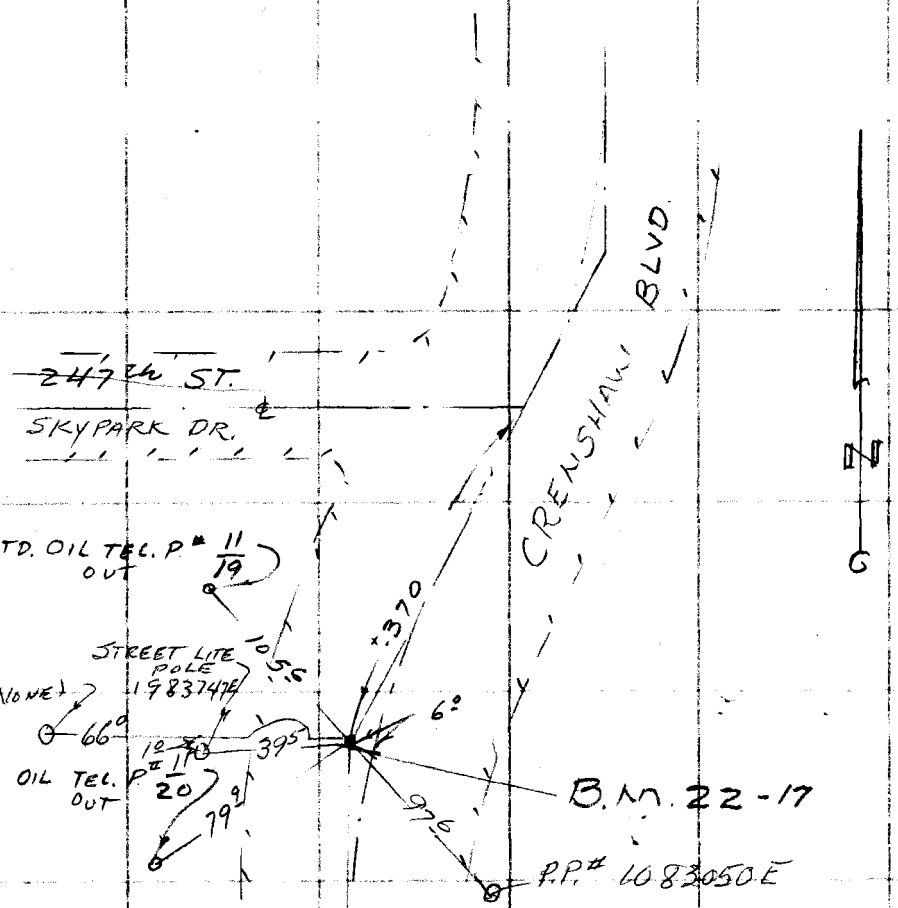
76F309S S&E #247. 8-54

F. B. 1395 PG. 114

B.M. 22-17

CRENSHAW BLVD., ℄ P.I., ± 370 FT. S. OF 247th ST., A STD. ROAD DEPT BRASS DISC, 2" dia. STAMPED "L.A. CO. RD. DEPT 1955", 7 INCHES BELOW THE SURFACE UNDER CAST IRON COVER

WJV 5-27-65



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Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET
Map No.	W. O. 0301.02 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 2-23-56
Date	Indexed A. C. Johnson

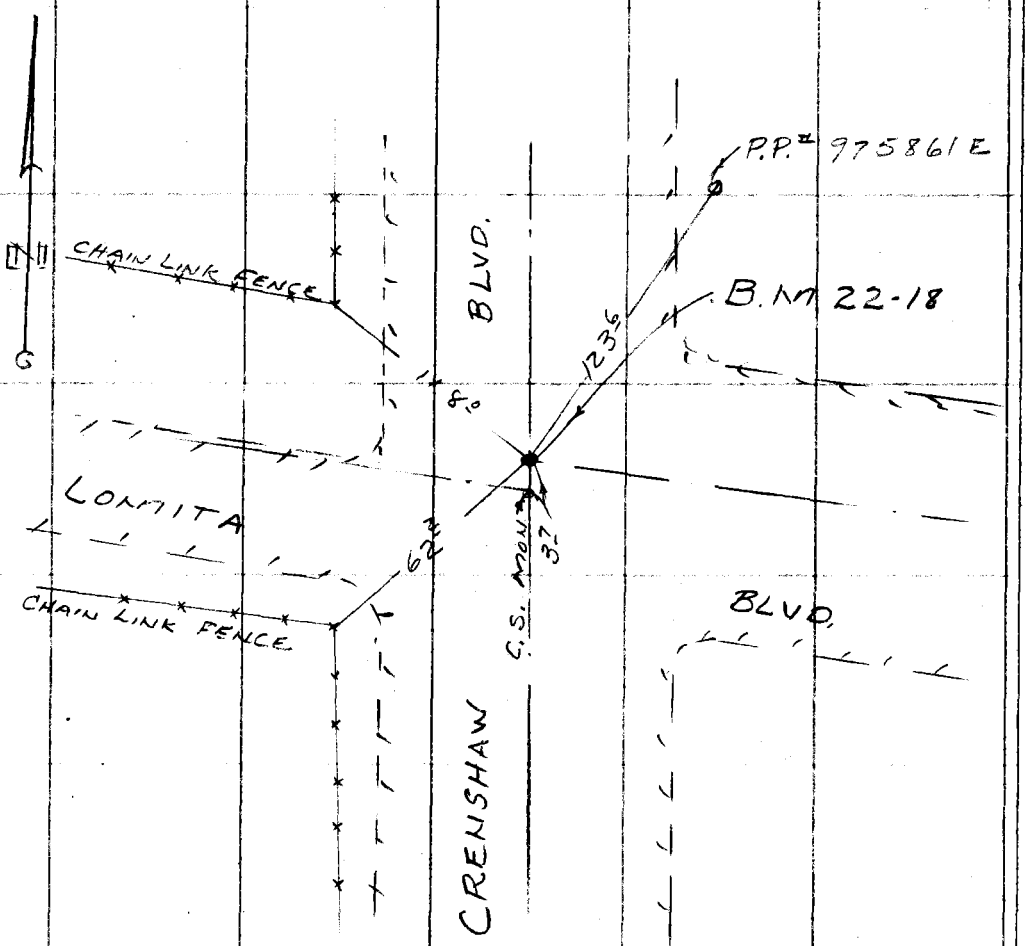
F. B. 1395 PG. 115

B.M. 22-18

CRENSHAW BLVD AND LOMITA BLVD, NEAR ℄ INTERSECTION, NORTHERLY OF TWO C.S. MON., 2 1/4" diameter STAMPED "COUNTY SURVEYOR ANG. PT." 8" ~~12~~ INCHES BELOW THE PAVEMENT, UNDER CAST IRON COVER

W J V 5-27-65

NOT RECOVERED, NO EVID. ON SURFACE SEE F.B. 3705-42 5-13-70 G.E. DREIER



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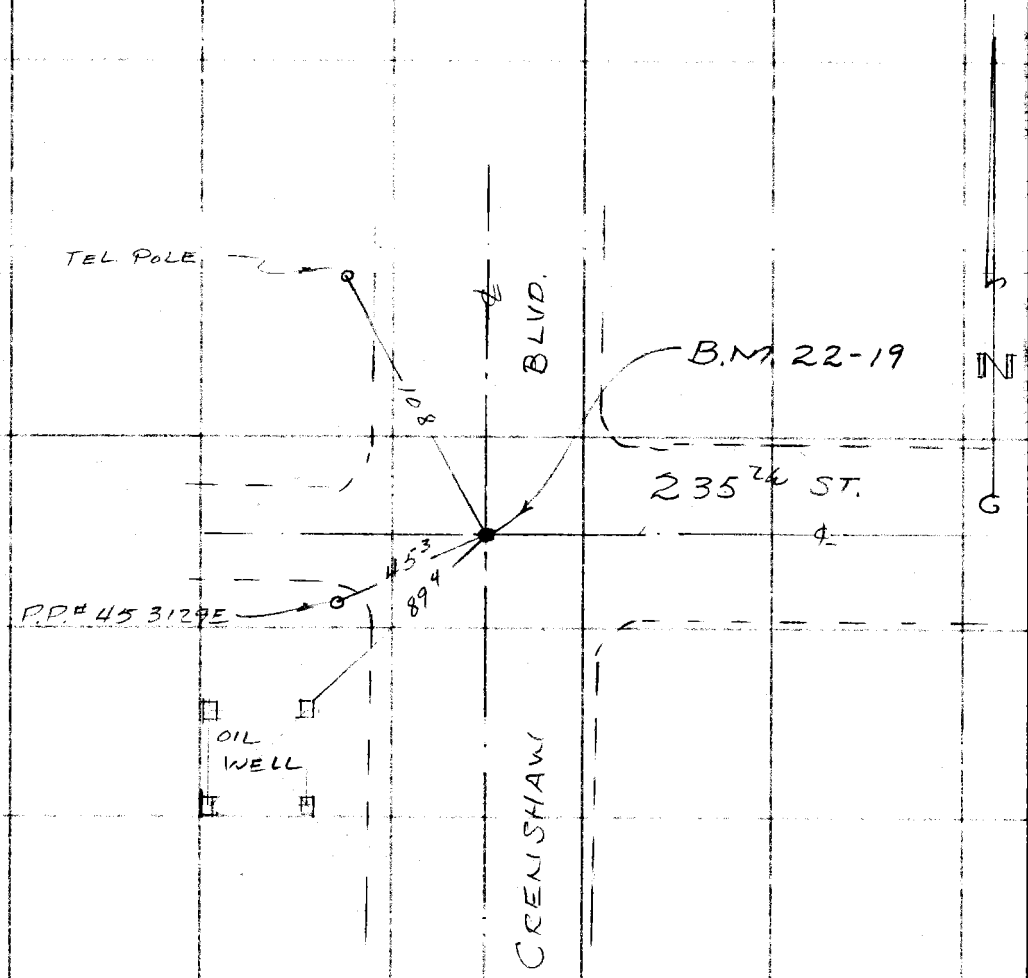
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

F. B. 1395 PG. 116

B.M. 22-19
CRENSHAW BLVD. AND 235TH ST.
℄ INTERSECTION, A STD ROAD DEPT. DISC
STAMPED L.A. CO. RD. DEPT. 1954" 7 INCHES
BELOW THE SURFACE UNDER CAST IRON
COVER



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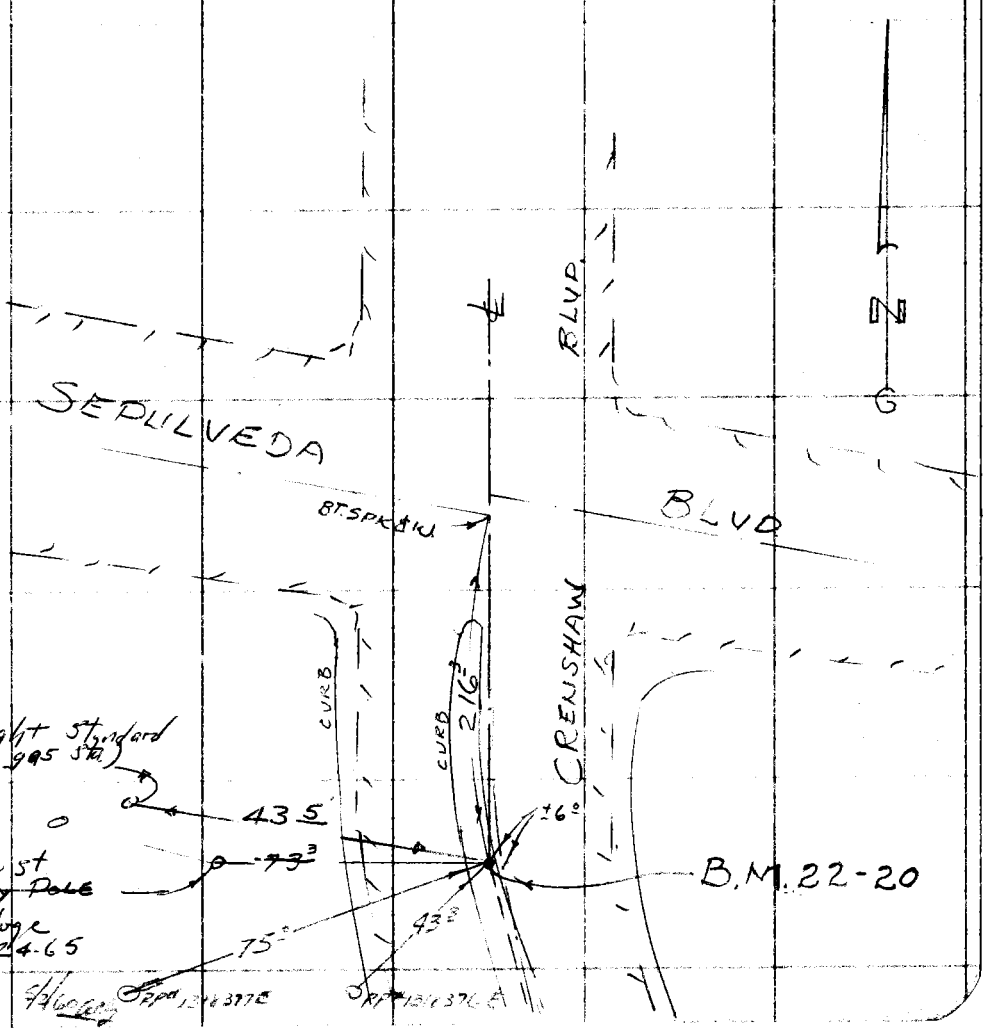
Notes Ck'd by	Survey of L.A. CO PRECISE LEVEL NET
Map No.	W. O. 030102 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 2-23-56
Date	Indexed E. C. Johnson

F. B. 1395 Pg. 117

B.M. 22-20

CRENSHAW BLVD., ℄ P.I., 216³ FT. S. OF SEPULVEDA BLVD, A STD. ROAD DEPT. DISC. STAMPED "L.A.CO.RD.DEPT. 1954," 2" diameter 6 INCHES BELOW THE SURFACE AND UNDER CAST IRON COVER



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726 LOS ANGELES COUNTY
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76F309S S&E #247. 8-54

RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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F.B. 1395 PG. 118

NOTES RED. _____ JOB NO. 0301.00 SURVEY OF GEOD. CONT.
DATE _____ SURVEY BY W. D. BAY
NOTES CHKD. _____ NOTES BY R. D. SMITH DATE 3-21-'60
DATE _____ INDEXED A. C. Johnson DATE 3-23-60

F. B. 1395 PG. 119

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

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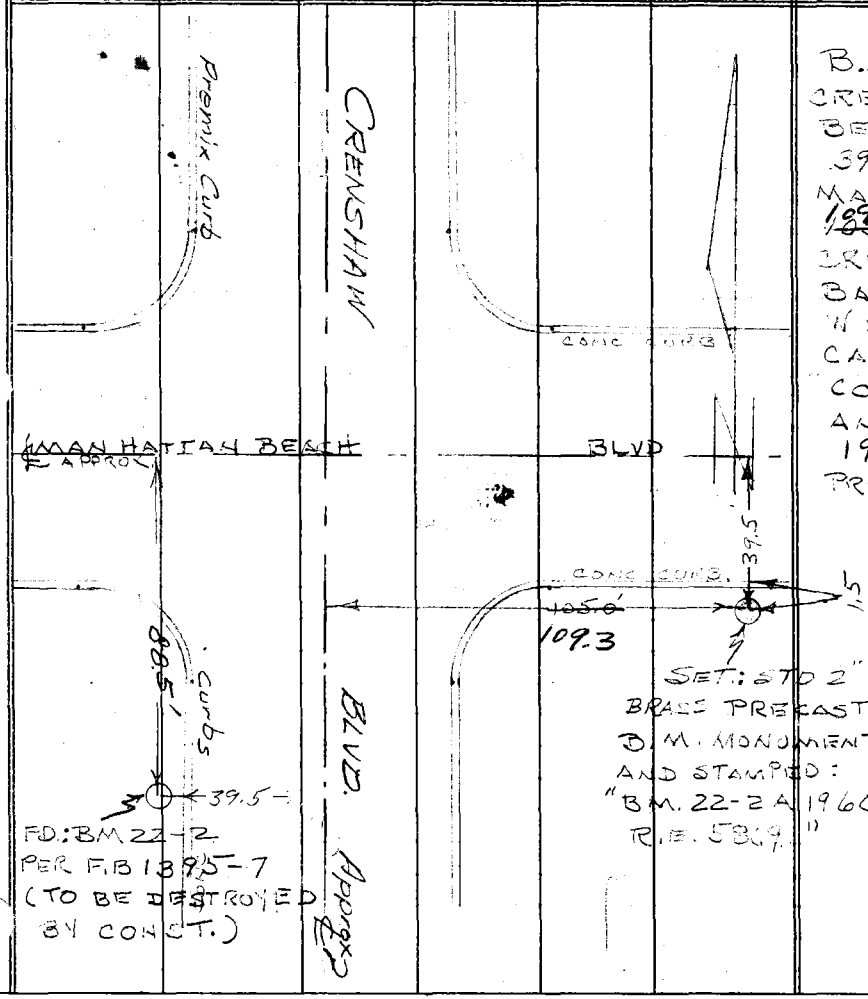
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

769420 353 8-49

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						B.M. 22-2A CRENSHAW BLVD & MANHATTAN BEACH BLVD S.E. COR. 39.5' FT. S OF THE ℄ OF MANHATTAN BEACH BLVD. 109.3 FT E. OF THE ℄ OF CRENSHAW BLVD. 1.5 FT. BACK OF THE CURB IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY ENGINEER MONUMENT" AND STAMPED "B.M. 22-2A 1960 R.E. 5869" A STD. PRECAST B.M. MON. Diameter 2½" (W. Voge 5-21-65)
						G.E. DREIER 9-17-74 NOT RECOVERED, OBVIOUSLY GONE, STORM DRAIN INLET AT LOCATION, SEE F.B. 3705-9 FOR B.M. 22-9B.
						SET: STD 2" BRASS PRECAST B.M. MONUMENT AND STAMPED: "B.M. 22-2A 1960 R.E. 5869"
						1.5' 39.5 CONC CURB BLVD CONC CURB 105.0' 109.3
						CRENSHAW BLVD. Approx ℄
						MANHATTAN BEACH ℄ APPROX
						Premix Curb curbs 88.5' 39.5 FD: B.M. 22-2 PER F.B. 1395-7 (TO BE DESTROYED BY CONST.)



76S420 353 8-49

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION ~~45.793 P (56)~~
Bm. 22-2	45.790				45.790	B.M. 22-2 EL. 45.790 (1953)
+	6.082		5.169			F.B. 1395-7 CRENSHAW BLVD.
Π	51.872	+1.417	+1.414			AND MANHATTAN BEACH BLVD. S.W. COR.
−	4.665		4.355			39.5' W. OF THE ℄ OF CRENSHAW BLVD.,
	47.207					88.5' S. OF THE ℄ OF MANHATTAN
						BEACH BLVD., 11.5' BACK OF CURB
						IN A WELL PROTECTED BY CAST
						IRON COVER MARKED "COUNTY
						SURVEYOR MONUMENT" A STD.
						C.S MON. STAMPED "BM 22-2.
						1952 R.E. 63"
Bm. 22-2A	47.207					
+	4.355		4.402		47.205	Bm 22-2A − SEE PG. 119
Π	51.562	+0.804	+0.804			
−	3.551		3.598			
	48.011					
T.P.	48.011					T.P.
+	3.598		3.622			
Π	51.609	-2.219	-2.217			
−	5.817		5.824			
	45.792					
Bm 22-2	45.792				45.790	Bm 22-2 (SEE ABOVE.)

F.B. 1395 PG. 120
JOB NO. 0301.00
SURVEY BY W. D. BAY
NOTES BY R. D. SMITH
INDEXED E. C. JOHNSON
SURVEY OF GEOD. CONT.
DATE 3-21-60
DATE
NOTES RED.
DATE
NOTES CHKD.
DATE

Notes Ck'd by	Survey of L. A. CO. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes HCG Date 5-60
Date	Indexed

F. B. 1395 PG. 121

JOB No. 0301.02

LINE No 22

L. A. CO. PRECISE LEVEL NET

REPLACEMENT BM'S

FOR LEVEL NOTES SEE FB 2044

A.C. GUIZADO
A.L. [illegible]
T. [illegible]
R.J. [illegible]
C.G. VALDEZ

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76F309S S&E #247 11-58

F. B. 1385 PG 122

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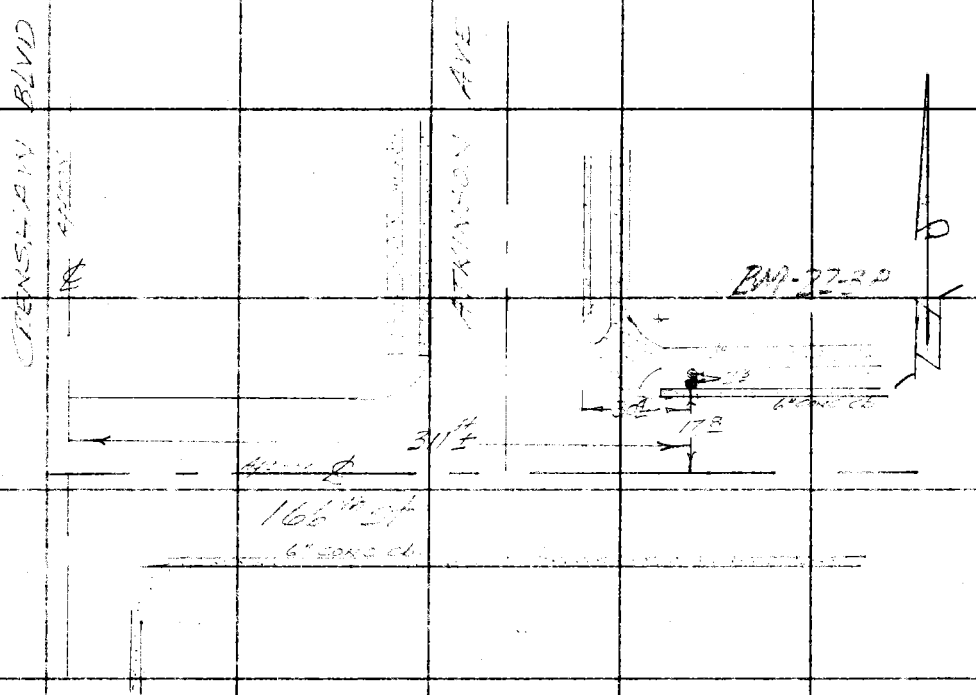
Notes Ck'd by	**L. A. CO. PRECISE LEVEL NET**
Map No.	JN 930102 Tape ____ Std ____ °F
Office Work	Surveyed by A C Guzzo
Checked	Notes ACG Date 5-16-60
Date	Indexed

F. B. 1395 PG. 123

BM 22-3A CITY OF TORRANCE
166th ST & ATKINSON AVE; 311± E. OF
CRENSHAW BLVD; N.E. COR; 17.8 N OF APPROX
& 166th ST & 30.4 E OF E. CL. LINE PROJ. OF ATKINSON
AVE; 2.3 S. OF PP #7181 [illegible] 1.3' back of curb
BM [illegible] diameter 2 1/4" A STD CO. ENGR. Button
[illegible] MKD "BM 22-3A 1960
RE 5867" IN CONC. 9" BELOW TOP OF CB
IN A WELL & PROTECTED FOR [illegible] COVER
MKD "COUNTY ENGR. MONUMENT."

W. Voge
5-21-65



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76F3099 S&E #247 11-58

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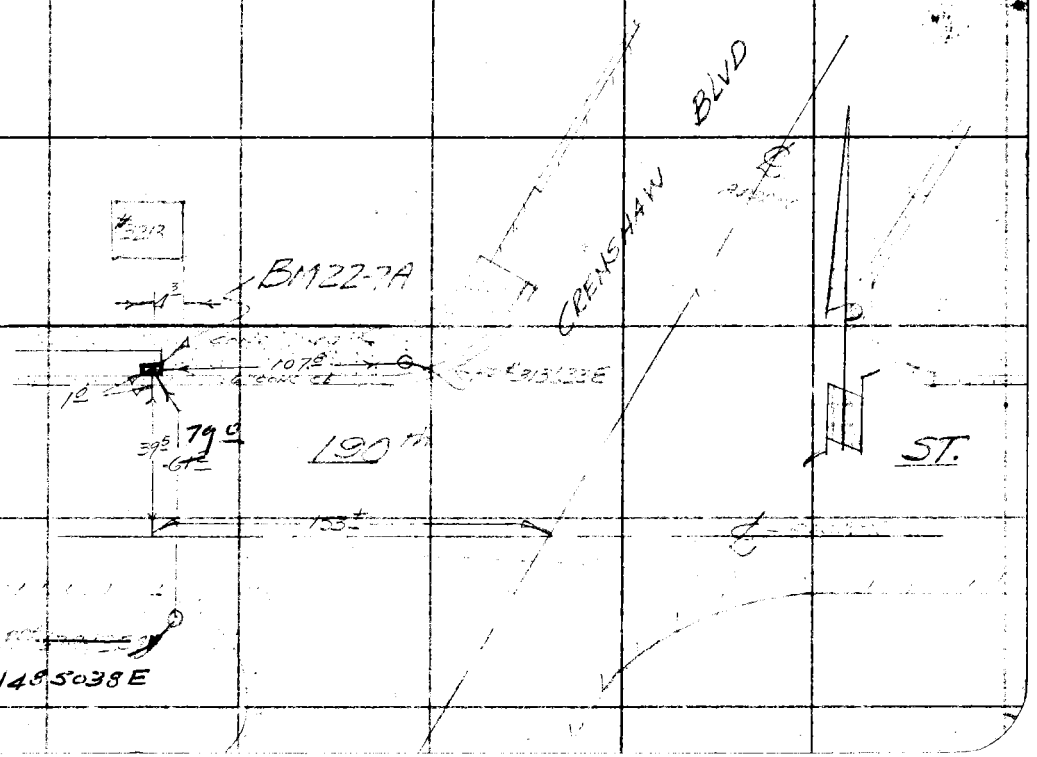
B 1395 PG 124

Notes Ck'd by	Survey of	F. B. 1395 PG. 125
Map No.	JN 22[illegible] Tape Std °F	
Office Work	Surveyed by A.C. G[illegible]	
Checked	Notes Date	
Date	Indexed	

BM 22-7A CITY OF TORRANCE

CRENSHAW BLVD & 190th ST. N.W. COR; A STD. CO. ENGR. BM button BRASS CAP MON 2¼" diameter MKD "BM 22-7A 1960 [illegible]" SET IN CONC. 9 INCHES BELOW THE SURFACE ±.53 ft W. OF ℄ INTERSECTION & 39.5 ft N. OF ℄ APPROX OF 190th ST; 1° BACK OF CURB 107.8 W. OF [illegible] & 79.0 N. OF [illegible] 1485038E PROTECTED BY A CAST IRON COVER.

W. Voge
5-21-65



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

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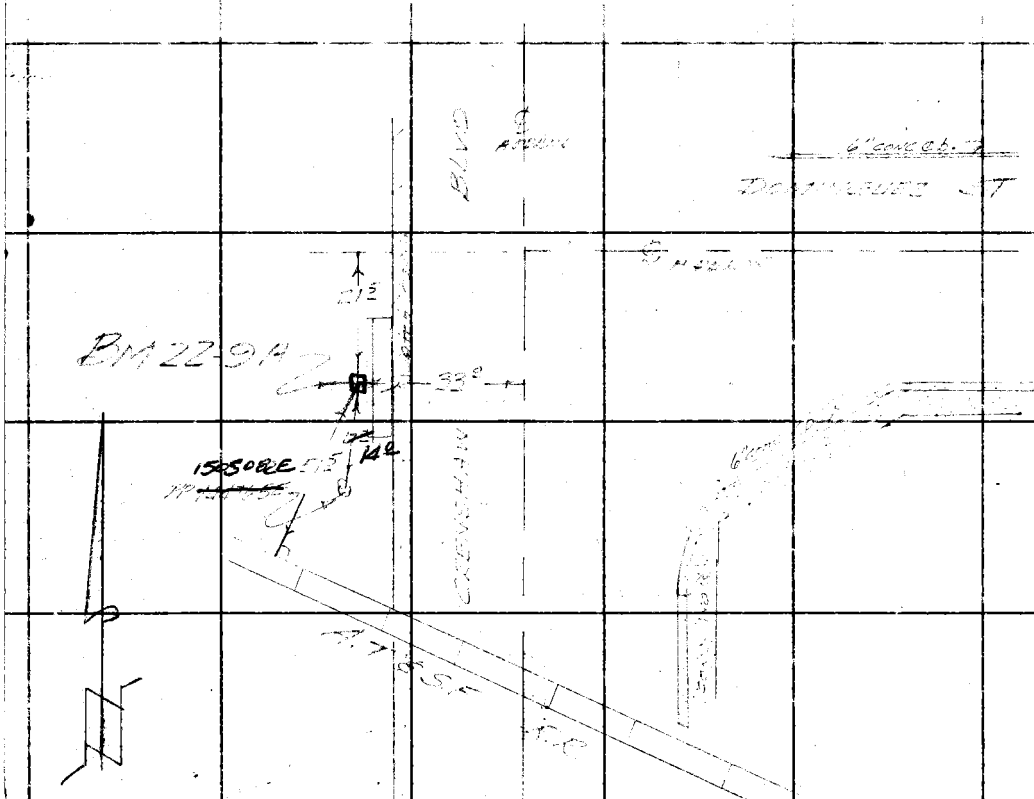
76F309S S&E #247 11-58

F. B. 1395 PG 126

BM 22-9A CITY OF TORRANCE
CRENSHAW BLVD & DOMINGUEZ ST. WEST
SIDE OF ST. SET A STD. CO. ENGR. BRASS CAP
Location BM MON 2½" MK'D "BM 22-9A 1160 FE 2869"
SET IN CONC. 9 INCHES BELOW SURFACE, 33° W
OF ℄ CRENSHAW BLVD & 21.5 S. OF ℄ PROD.
DOMINGUEZ ST. BACK OF CB AT CATCH BASIN
ON W. PROD OF ℄ CB OF DOMINGUEZ ST.;
14.0 N. OF ℄ 1505082E, PROTECTED BY A
CAST IRON COVER MK'D "CO. ENGR. MON"
NOT RECOVERED 5-14-70, NEW PAVEMENT, AND WEST CURB
IS NOW 39 FEET FROM ℄-G.E.D. SEE F.B. 3705-23 FOR
B.M. 22-9B



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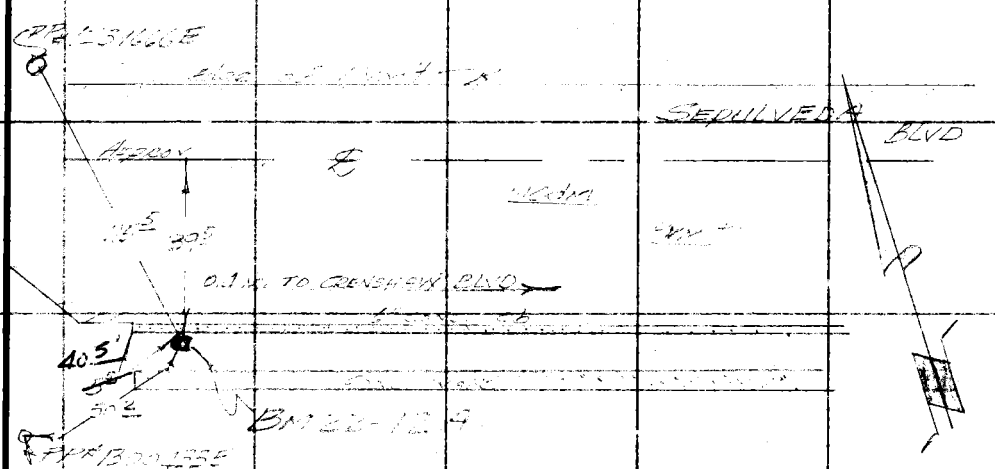
Notes Ck'd by	Survey of	F. B. 1395 PG. 127
Map No.	JN 030102 Tape Std °F	
Office Work	Surveyed by A.C. [illegible]	
Checked	Notes ACG Date 5-6-60	
Date	Indexed	

L. A. CO. PRECISE LEVEL NET

BM 22-12A

[illegible] OF TORRANCE — SEPULVEDA BLVD
& 0.4 MI W. OF CRENSHAW BLVD 40.5 E. OF
end of conc cb, 50.5 NE'ly of PP# [illegible], 115.5
[illegible] 1231666 [illegible] 39.5 [illegible] ℄ [illegible]
[illegible] BLVD [illegible] A STD CO. ENGR BM
[illegible] BM [illegible] 1955 [illegible]
[illegible] IRON [illegible]
[illegible] MONUMENT"

Button 2½" diameter



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76F309S S&E #247 11-58

F. B. 1395 PG 128

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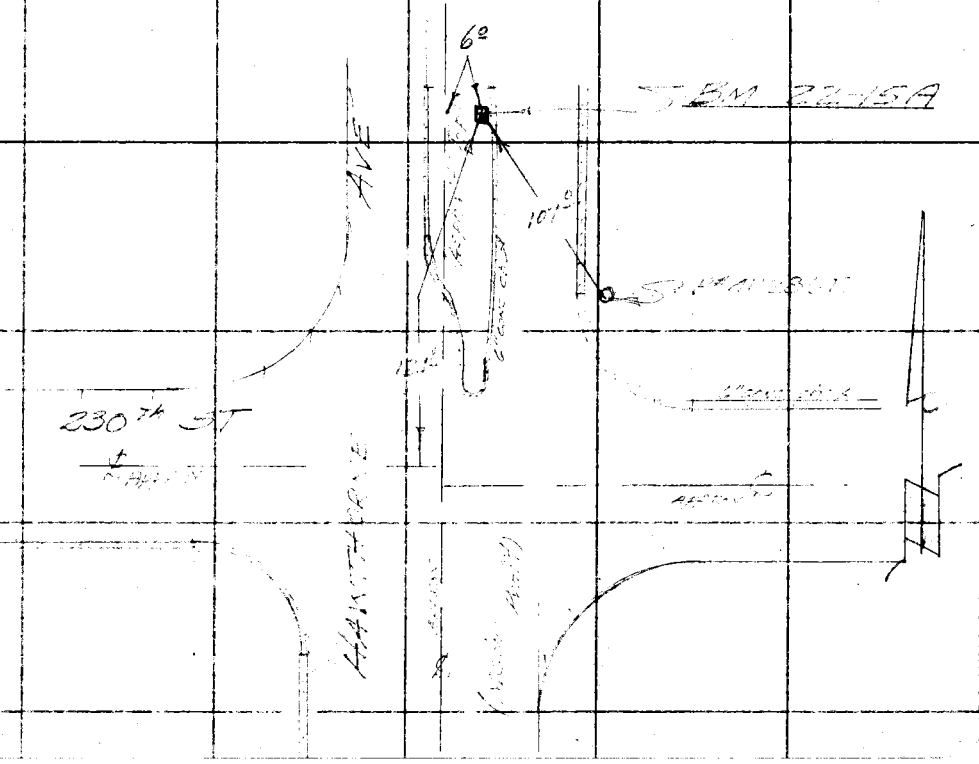
Notes Ck'd by	Surveyor [illegible]
Map No.	JN [illegible] Tape ____ Std ____ °F
Office Work	Surveyed by [illegible]
Checked	Notes ____ Date 5-4-60
Date	Indexed

FB. 1395 PG. 129

BM 22-15A

HAWTHORNE AVE & 230th ST IN [illegible] E. OF [illegible] HAWTHORNE AVE & N. OF 230th ST & TO WEST, N. W'N OF [illegible] & [illegible] SET A [illegible] CROSS [illegible] BM MON MKD "BM 22-15A 1960 [illegible]" SET IN CONC. 9 INCHES BELOW [illegible] & PROTECTED BY A CAST [illegible]

(New description in FB 3705-35 [illegible] 9/30/65)



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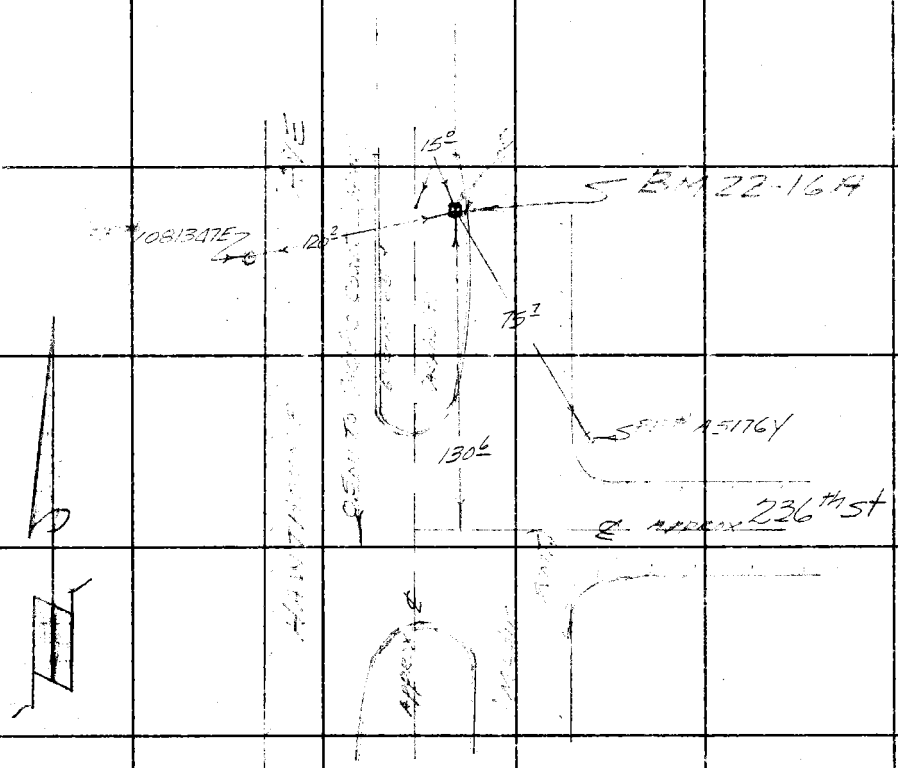
76F309S S&E #247 11-58

F. B. 1395 PG 130

BM 22-16 A

HAWTHORNE AVE & 236th ST, 0.5 MI N OF PACIFIC COAST HWY, IN CENTER ISLAND 130± N. OF 236th ST & 15± E. OF ℄ OF HAWTHORNE AVE & 0.5' BACK OF CB. 120± E. OF PP# 10813 47E & 75± NW'LY OF PP# A5176Y SET A STD. CO. ENGR. BM BRASS CAP MON MKD "BM 22-16A 1960 RE 5869" SET IN CONC. 1" BELOW SURFACE & PROTECTED BY A CAST IRON COVER.

NOT Recovered 5-26-65 W.J.V.



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Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET	F. B. 1395 PG. 141
Map No.	W. O. Tape No. St'd. °F	
Office Work	Surveyed by	
Checked	Notes Date 5-6-53	
Date	Indexed J. C. Johnson 6-4-53	

JOB No. 4923

LINE No. 23

L.A. COUNTY PRECISE LEVEL NET

AVALON BLVD, FROM ROSECRANS AVE. TO LOMITA BLVD.

G. E. DREIER
E. LANDA
M. SONNENSCHEIN
T. OHASHI
R. HEMPFLING
R. RABAGO

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

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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F.B. 1395 PG. 142

"NOT RECOVERED" 12-3-74 LIND

B.M. 23-1 SEE F.B. 3706-155 FOR BM 23-1B

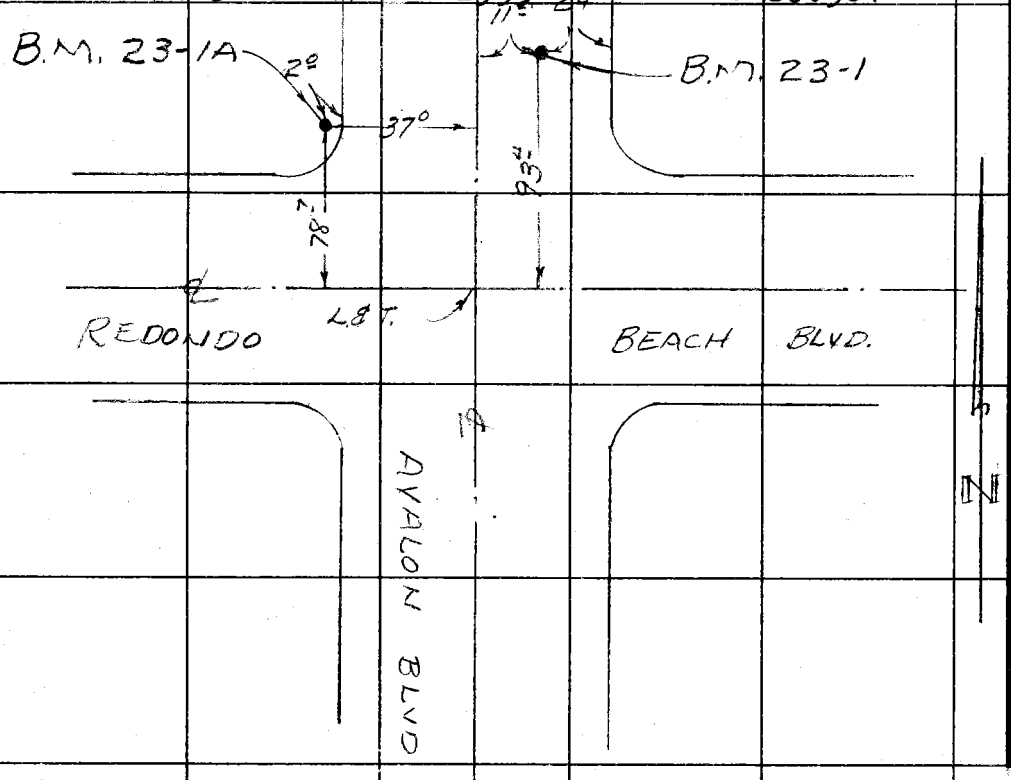
Avalon Blvd. & Redondo Beach Blvd.
N.E. Cor. A Standard County Surveyor Mon.
Stamped "B.M. 23-1 1952 R.E. 63"
Set in concrete 11 in. below the surface.
11 2 ft. E. of ℄ of Avalon Blvd. and 93 4 ft
N. of ℄ of Redondo Beach Blvd.,
Protected by a cast iron cover marked
"COUNTY SURVEYOR MONUMENT"

1953 ADJ. ELEV. 79.913

B.M. 23-1A NOT RECOVERED 12-3-74 LIND
SEE F.B. 3706-157 FOR B.M. 23-1C

Avalon Blvd & Redondo Beach Blvd
N.W. Cor. A "City of Los Angeles Dept. of
Public Works Bureau of Engineering
Survey Division B.M. No 45-H" Brass
Disk set Flush in concrete, 37° ft W.
of Avalon Blvd. & 78 7 ft. N. of Redondo Beach
Blvd. & 2° ft. back of curb at N. end of
curb return.

1953 ADJ. ELEV. 80.564



RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 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	**L.A. CO. PRECISE LEVEL NET**
Map No.	Survey of W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 5-21-53
Date	Indexed C. Johnson

F. B. 1395 Pg. 143

B.M. 23-2

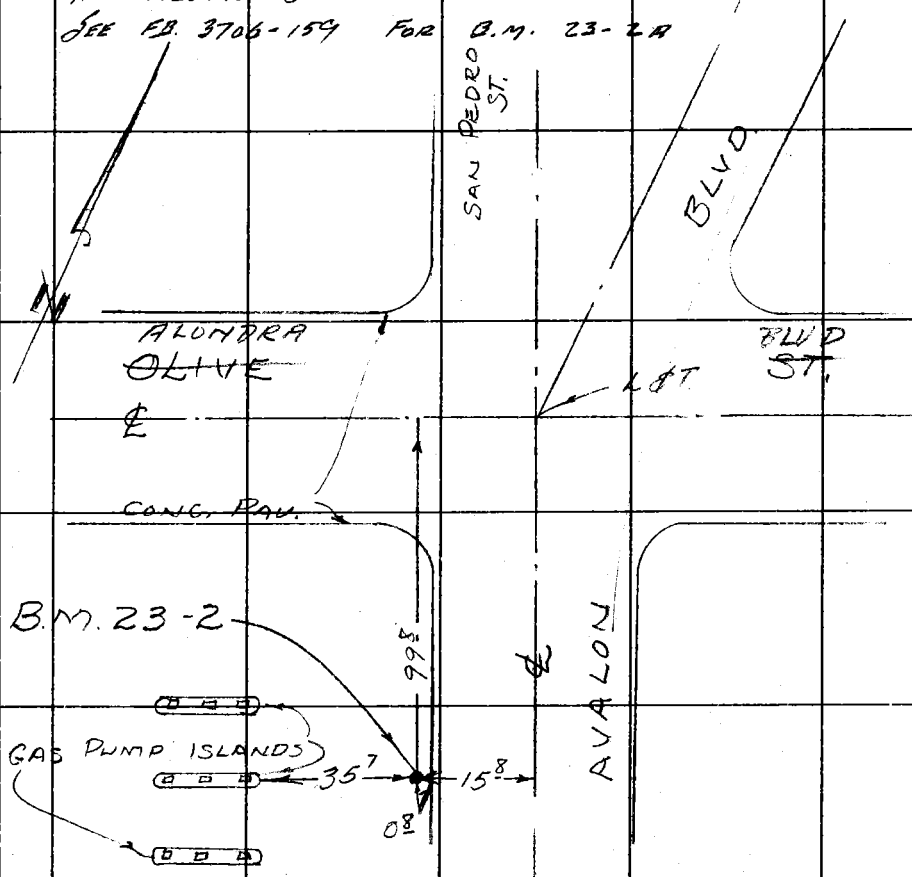
Avalon Blvd. & ~~Olive St~~ Alondra Blvd S.W. Cor.

A Standard County Surveyor Mon. Stamped "B.M. 23-2 1952 R.E. 63" Set in conc. 11 in. below the surface. 15.8 ft. W of ℄ of Avalon Blvd and 99.8 ft. S. of ℄ of Olive St. 0.8 ft. W of edge of pavement. In line with, & 35.7 ft. E. of, center Gas Pump Island. Protected by a cast Iron cover marked, "COUNTY SURVEYOR MONUMENT."

1953 ADJ. ELEV. 55.729

NOT RELEVERED 12-3-74 LINB

SEE F.B. 3706-159 FOR B.M. 23-2A



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

76F309S 247 2-51

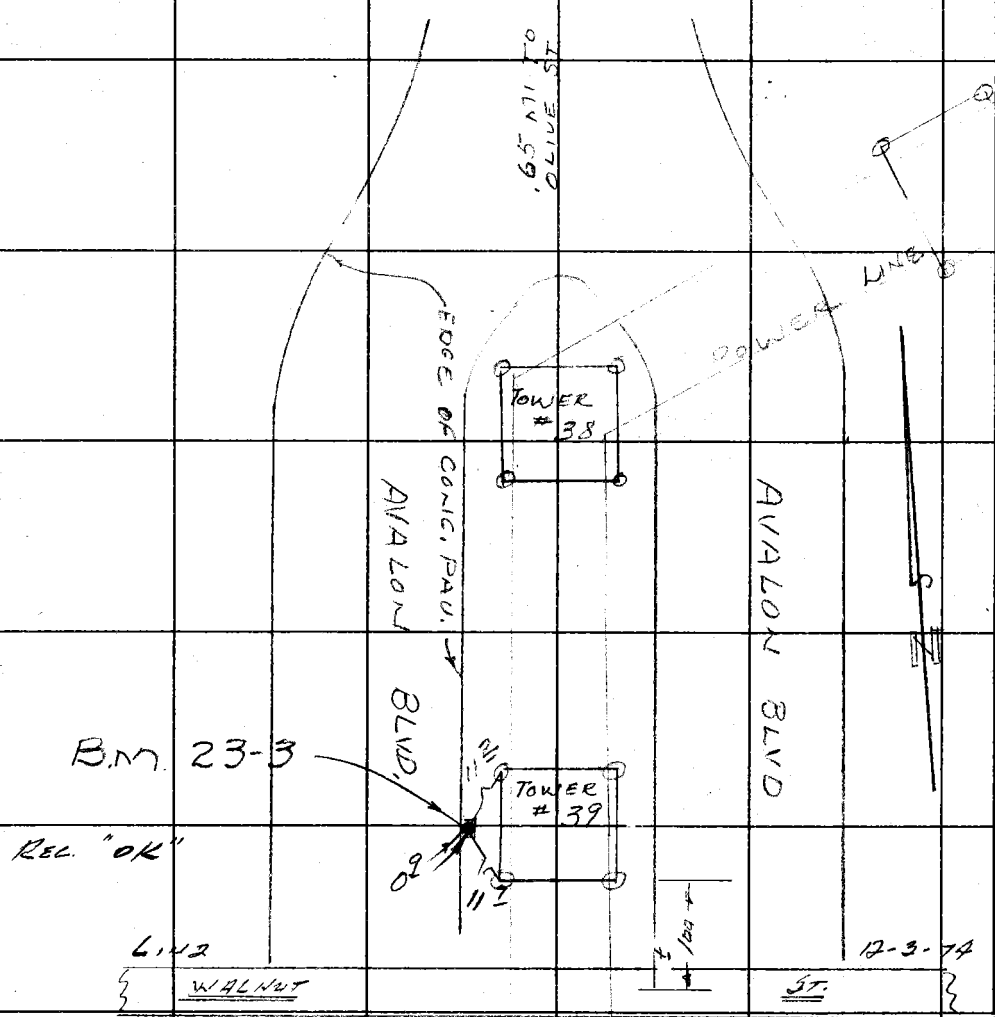
F.B. 1395 PG. 144

B.M. 23-3

Avalon Blvd. 0.65 mi S. of Olive St.

A Standard County Surveyor Monument Stamped "B.M. 23-3 1952 R.E. 63" Set in Conc. 9 in. below the surface, .15 ft W. of center of dept. of W. & P. Tower No 39, 0.9 ft. E. of E edge of Conc. pavement, Protected by a cast iron cover marked "COUNTY SURVEYOR MONUMENT."

1953 ADJ. ELEV. 50.614



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

Do not extend notes this side of this line.

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	L.A. CO. PRECISE LEVEL NET	F.B. 1395 PG. 145
Map No.	W.O. 4923 Tape No. St'd. °F	
Office Work	Surveyed by G.E. DREIER	SEE F.B. 3706-163
Checked	Notes G.E. DREIER Date 5-21-53	FOR B.M. 23-4 A
Date	Indexed A. C. Johnson	

NOT RECOVERED 12-3-74 LIND

B.M. 23-4 (U.S. 4224) (M.W. DSC. 57C)

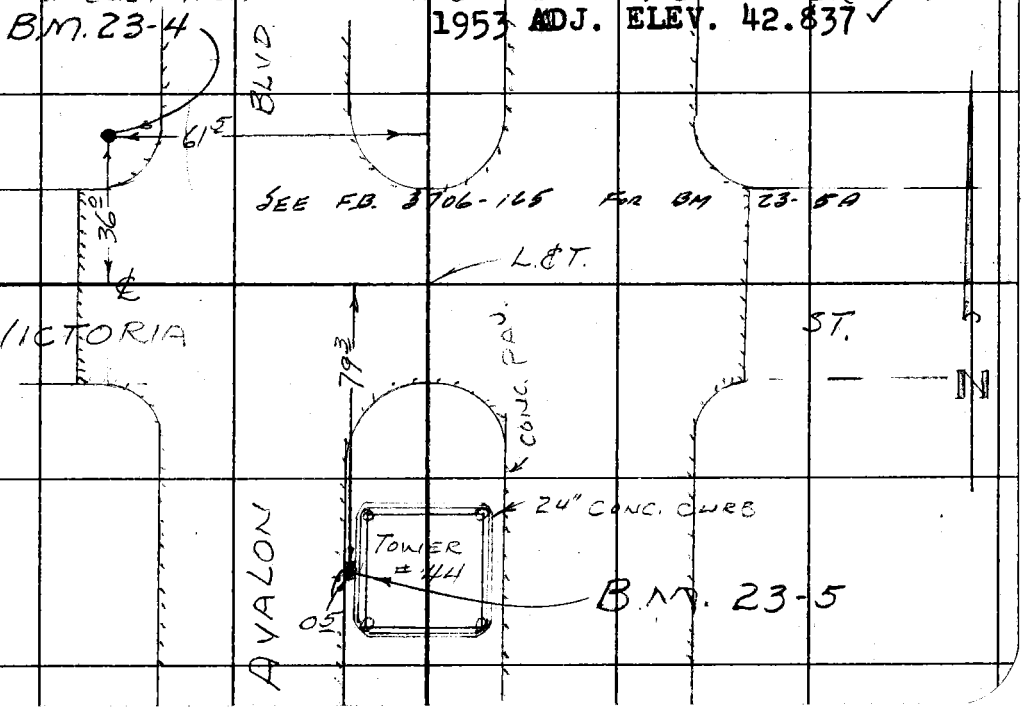
Abt. 1.9 mi S alg. Wilmg. Ave. from the intersec. of Compton Blvd. at Compton, th abt 1.7 mi W. alg Victoria St., at the intersec. of Avalon Blvd. 61' W of the CL of the Blvd., 36' N of the CL of the St., 1.1' N of a white wooden witness post, and abt 2½' higher than the St. A Met. Water Dist. of So. Cal., std. disk, Stamped "57C 1932" & set in the top of a conc. post abt flush with the ground.

1953 ADJ. ELEV. 45.977 ✓

B.M. 23-5 NOT RECOVERED 12-3-74 LIND (PG 7)(46.023)

Avalon Blvd. & Victoria St. A Standard County Surveyor Monument Stamped "B.M. 23-5 1952 R.E. 63", Set in Conc. 11 in below the surface, 79.3 ft S of ℄ of Victoria St., 15.7 ft. W of the center of the Dept. of W. & P. Tower No 44, Protected by a cast iron cover mk'd. "COUNTY SURVEYOR MON.

1953 ADJ. ELEV. 42.837 ✓



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

Do not extend notes this side of this line.

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

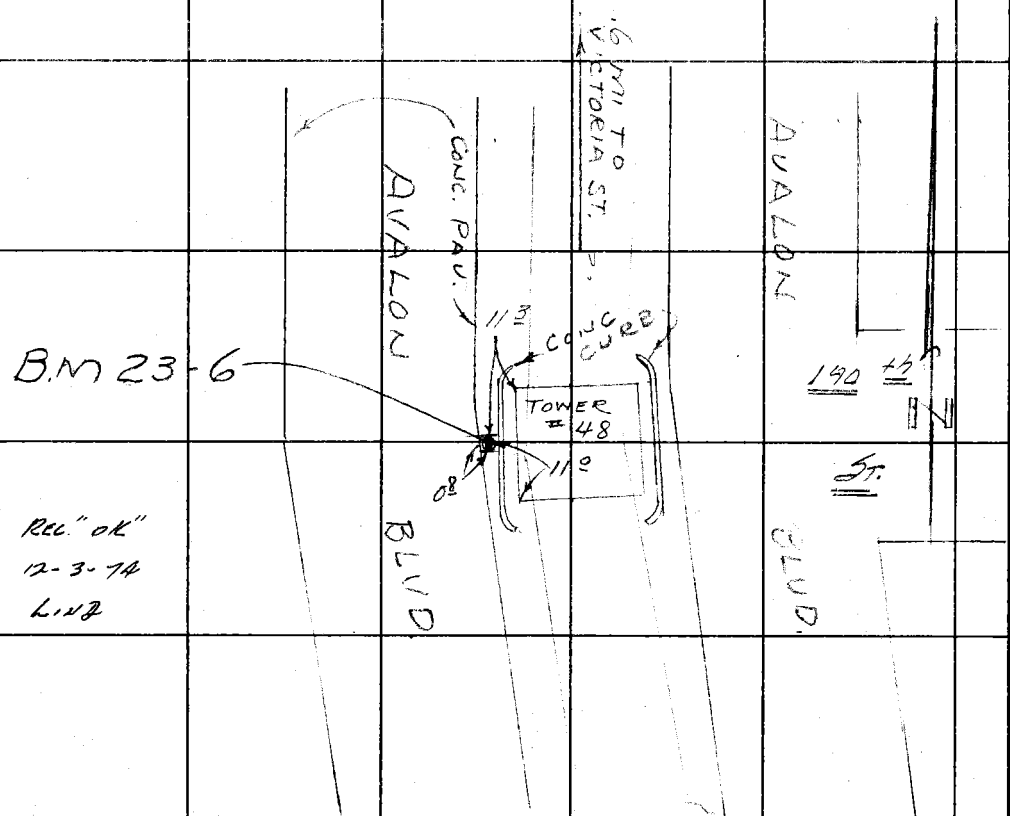
76F3095 247 2-51

F.B. 1395 PG. 146

B.M. 23-6

Avalon Blvd. at angle pt. 0.6 mi. S of Victoria St. A standard County Surveyor Mon. Stamped "B.M. 23-6 1952 R.E. 63" Set in Conc. 11 in. below the surface. 14.4 Ft. W. of Center of the Dept. of W. & P. Tower No. 48. Protected by a cast iron cover marked "COUNTY SURVEYOR MONUMENT"

1953 ADJ. ELEV. 18.928



REC. "OK"
12-3-74
LINE

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

Do not extend notes this side of this line.

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

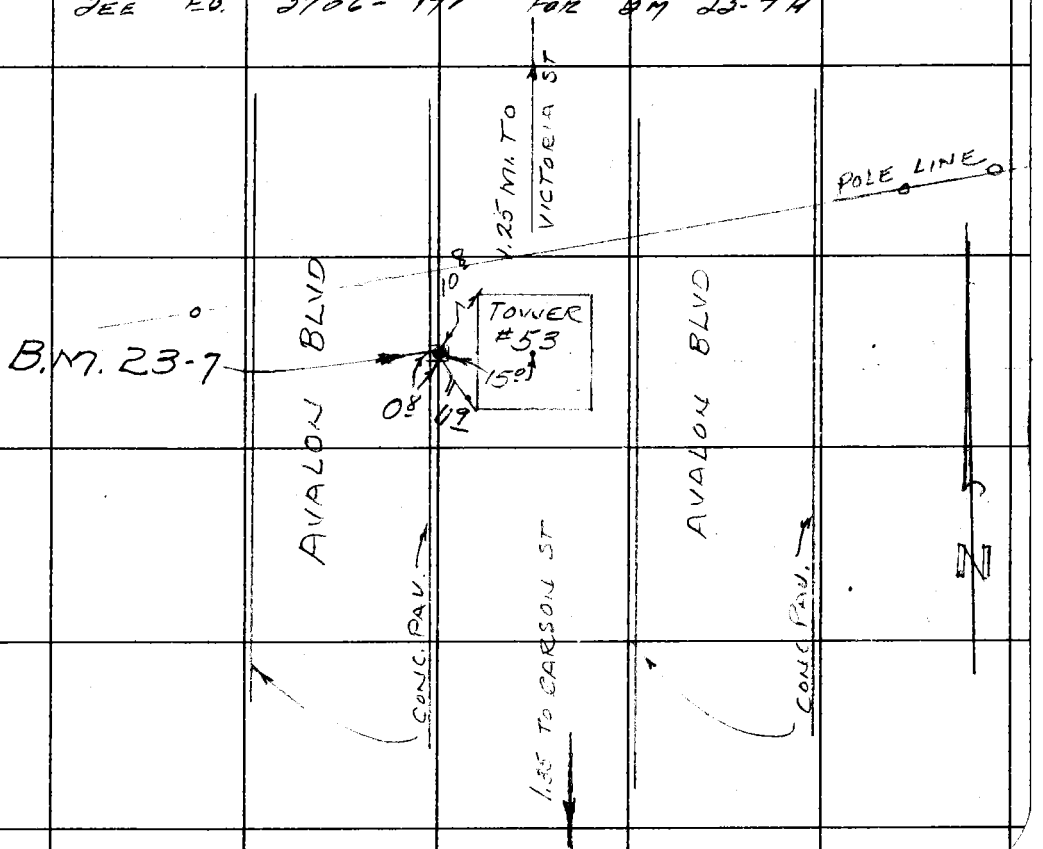
Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET	F.B. 1395 PG. 147
Map No.	W. O. 4923 Tape No. St'd. °F	
Office Work	Surveyed by C.E. DREIER	
Checked	Notes C.E. DREIER Date 5-21-53	
Date	Indexed L. C. Johnson	

B.M. 23-7

Avalon Blvd. 1.25 Mi. S. of Victoria St.
A Standard Surveyor Monument Stamped "B.M. 23-7 1952 R.E. 63", Set in conc. 11 in. below the surface, 15 ± ft. W of center of the Dept. of W & P Tower № 53, Protected by a cast iron cover marked, "COUNTY SURVEYOR MONUMENT"

. 1953 ADJ. ELEV. 9.867

NOT RECOVERED 12-3-74 L. LINZ
DUG DOWN 36" NOTHING FOUND
SEE F.B. 3706-171 FOR BM 23-7A



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

Do not extend notes this side of this line.

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

76F309S 247 2-51

F.B. 1395 PG. 148

NOT RECOVERED 12-3-74 C. LIND

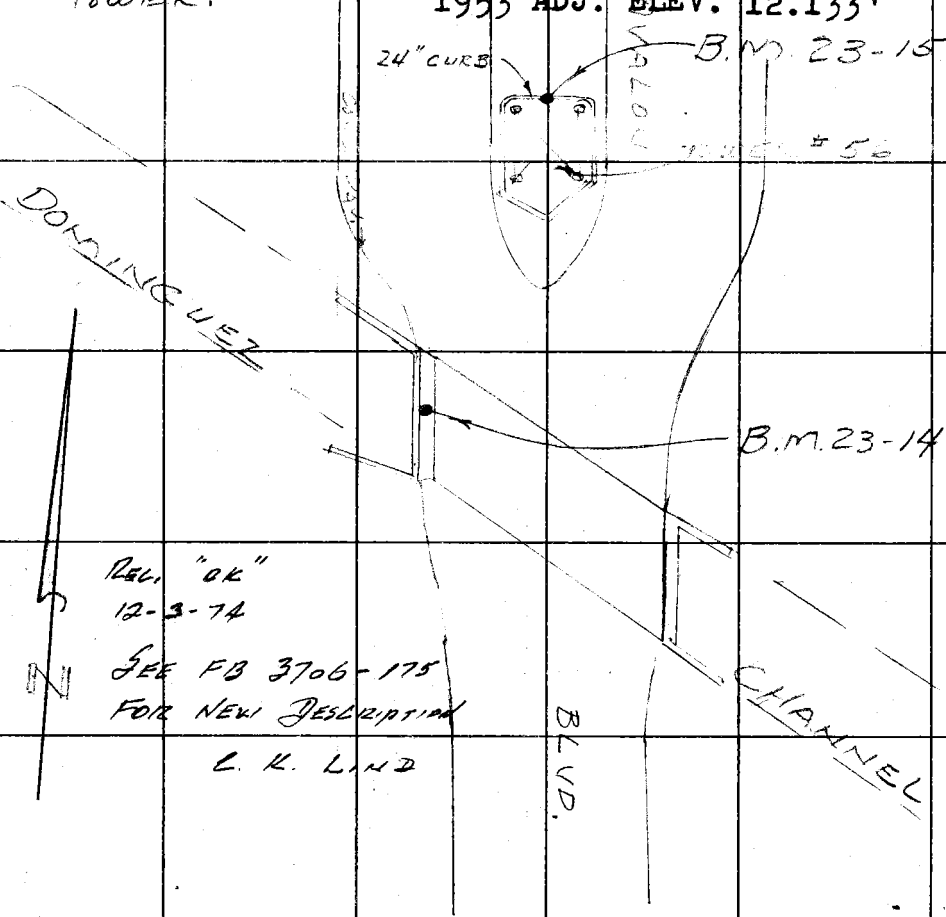
B.M. 23-14 (L.A. Co. Rd. DEPT)
AVALON BLVD AND DOMINGUEZ CHANNEL,
A "L.A. CO. RD. DEPT" BRASS DISK IN THE
CENTER OF THE WEST SIDE OF A CONCRETE
BRIDGE SET FLUSH IN SIDEWALK.

1953 ADJ. ELEV. 15.790 ✓

B.M. 23-15 (F.C. B.M. 112-14)

AVALON BLVD. AT DEPT. OF W. & P. TOWER
NUMBER 56 NEAR DOMINGUEZ CHANNEL,
A STANDARD FLOOD CONTROL BRASS DISK
STAMPED "B.M. 112-14" SET IN TOP OF 24"
CONC. CURB 143 FEET NORT OF CENTER OF
TOWER.

1953 ADJ. ELEV. 12.133 ✓



REC. "OK"
12-3-74

SEE FB 3706-175
FOR NEW DESCRIPTION

C. K. LIND

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

Do not extend notes this side of this line.

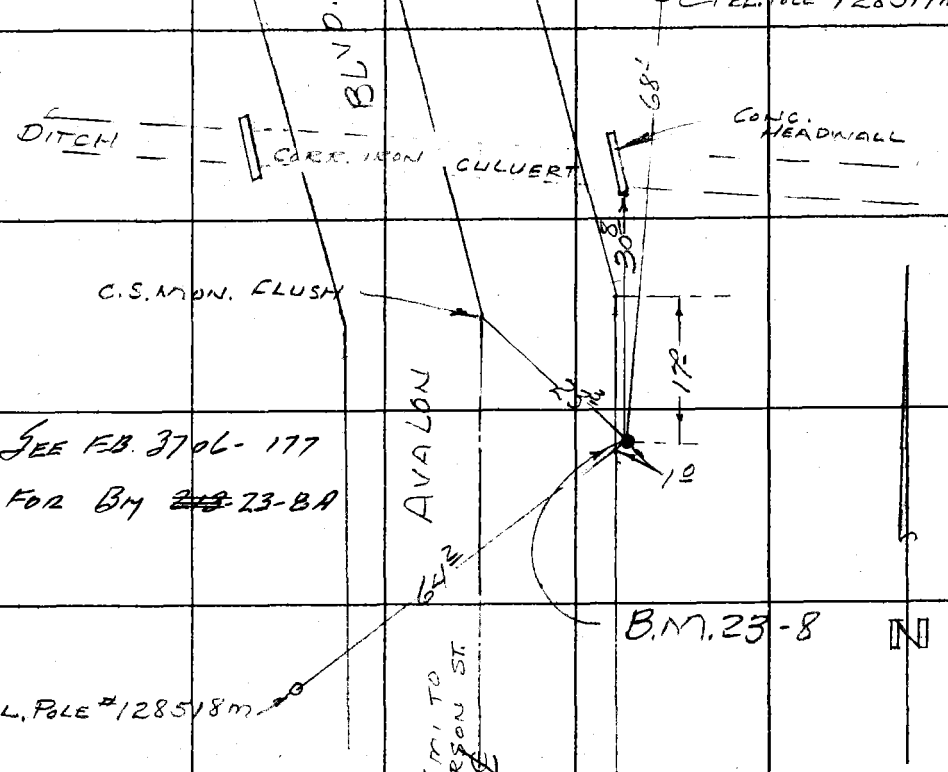
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Sheet of	**L.A. CO. PRECISE LEVEL NET**
Map No.	W. O. 21923 Tape No. St'd. °F	
Office Work	Surveyed by G.E. DREIER	
Checked	Notes G.E. DREIER Date 5-21-53	
Date	Indexed C. Johnson	

F. B. 1395 PG. 149

B.M. 23-8 "NOT RECOVERED" 12-3-74 LVD
AVALON BLVD AT ANGLE POINT 0.5
MILE NORTH OF CARSON ST, A STANDARD
COUNTY SURVEYOR MONUMENT STAMPED
"B.M. 23-8 1952 R.E. 63" SET IN CONCRETE
11 INCHES BELOW THE SURFACE, 1.0 FT E.
OF E. EDGE OF CONC. PAV., 17.0 FT. SOUTH OF
ANGLE POINT IN E. EDGE OF CONC. PAV.,
30.8 SOUTH OF SOUTH END OF CONC. HEAD-
WALL AND 23.3 FT. S.E. OF COUNTY SURVEYOR
MONUMENT AT ℄ ANGLE POINT, PROTECTED
BY A CAST IRON COVER MARKED "COUNTY
SURVEYOR MONUMENT."

1953 ADJ. ELEV. 10.011



SEE F.B. 3706-177
FOR BM ~~23~~ 23-BA

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

Do not extend notes this side of this line.

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

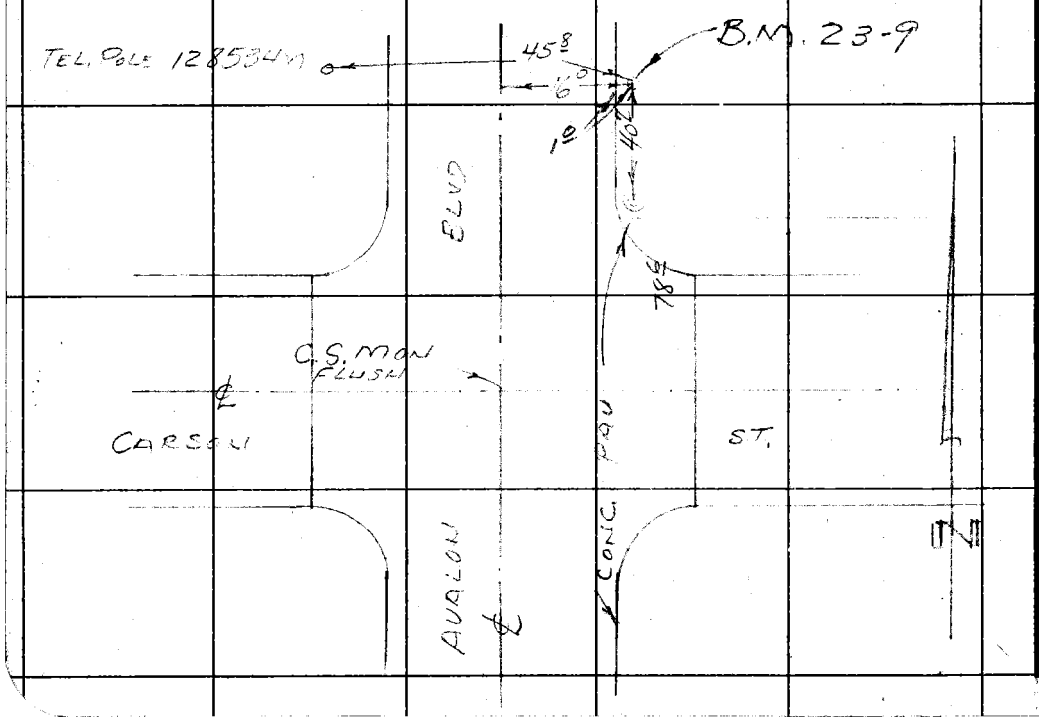
76F309S 247 2-51

F. B. 1395 PG. 150

B.M. 23-9 NOT RECOVERED 12-3-74, LIES AVALON BLVD AND CARSON ST., A STANDARD COUNTY SURVEYOR MONUMENT STAMPED "B.M. 23-9 1952 RE. 63" SET IN CONCRETE 11 INCHES BELOW THE SURFACE 16.0 FT EAST OF ℄ OF AVALON BLVD AND 78.6 FT. NORTH OF THE ℄ OF CARSON ST, 1.0 FT E. OF E. EDGE OF CONCRETE PAVEMENT, PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

1953 ADJ. ELEV. 19.157

SEE F.B. 3706 - 179 FOR BM 23-9 A



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

Do not extend notes this side of this line.

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

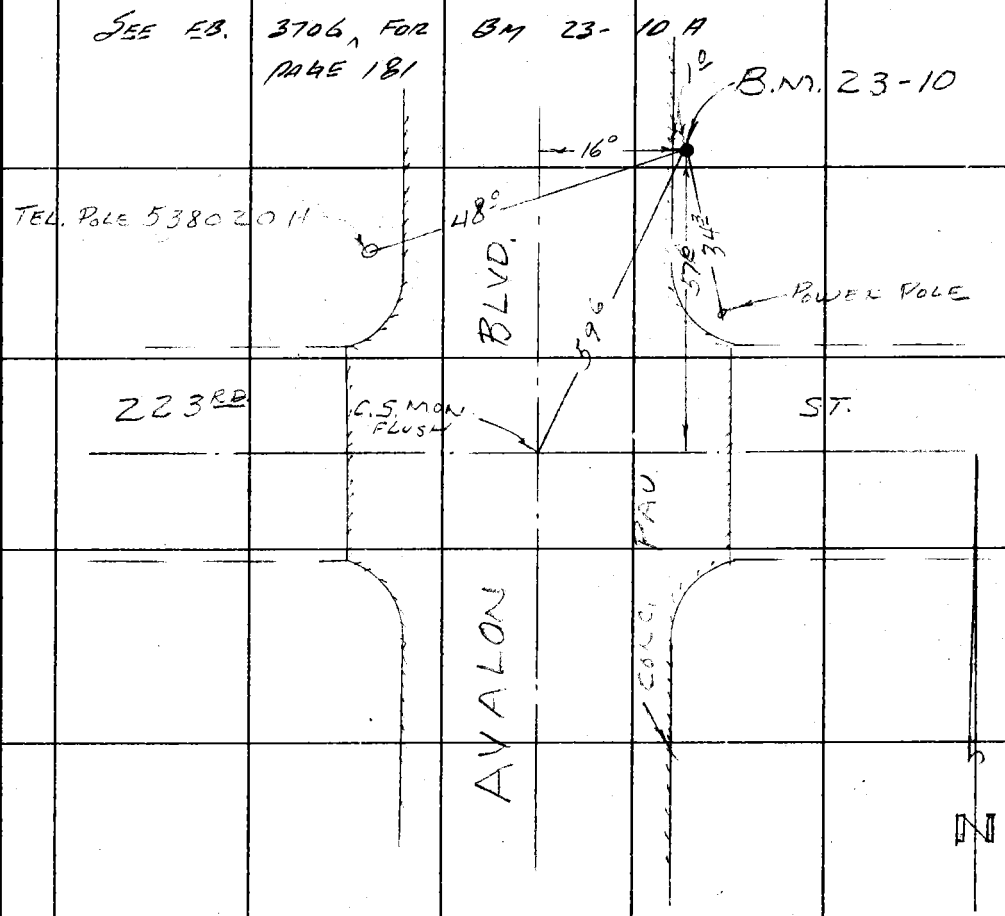
Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET
Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 5-29-53
Date	Indexed J. C. Johnson

F.B. 1395 PG. 151

B.M. 23-10 NOT RECOVERED 12-3-74, LIND AVALON BLVD AND 223RD ST. A STANDARD COUNTY SURVEYOR MONUMENT STAMPED "B.M 23-10 195E RE.63" SET IN CONCRETE 11 INCHES BELOW THE SURFACE, 57.6 FEET NORTH OF THE ℄ OF 223RD ST. AND 16.0 FT. EAST OF THE ℄ OF AVALON BLVD, PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

1953 ADJ. ELEV. 27.940

SEE F.B. 3706, FOR BM 23-10 A PAGE 181



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

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

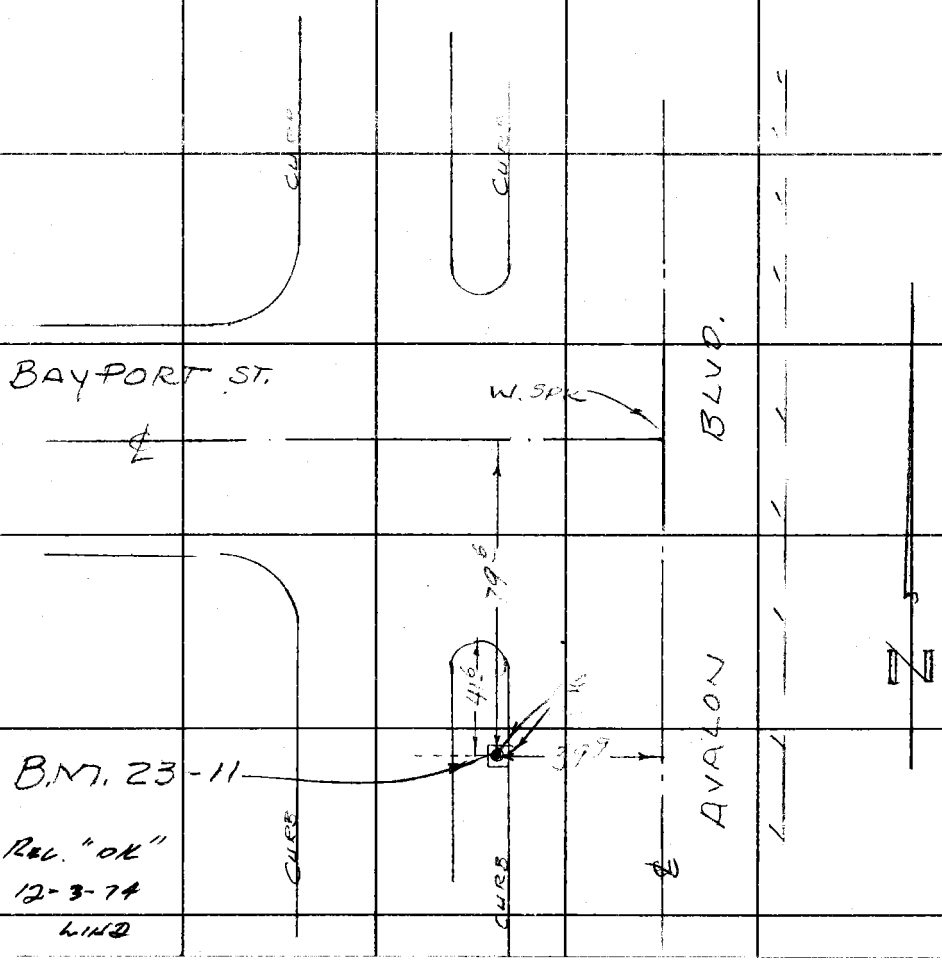
78F3095 247 2-51

F. B. 1395 PG. 152

B.M. 23-11

AVALON BLVD AND BAYPORT ST., A STANDARD COUNTY SURVEYOR MONUMENT STAMPED "B.M. 23-11 1952 R.E. 63" SET IN CONCRETE 11 INCHES BELOW THE SURFACE 399 FEET WEST OF ℄ AVALON BLVD AND 796 FEET SOUTH OF ℄ BAYPORT ST. AND AND 15 FEET BACK OF CURB, PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

1953 ADJ. ELEV. 35.846 ✓



Rec. "OK"
12-3-74
LWD

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

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET
Map No.	W. O. 1923 Tape No. St'd. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 5-29-53
Date	Indexed A. C. Johnson

F.B. 1395 PG. 153

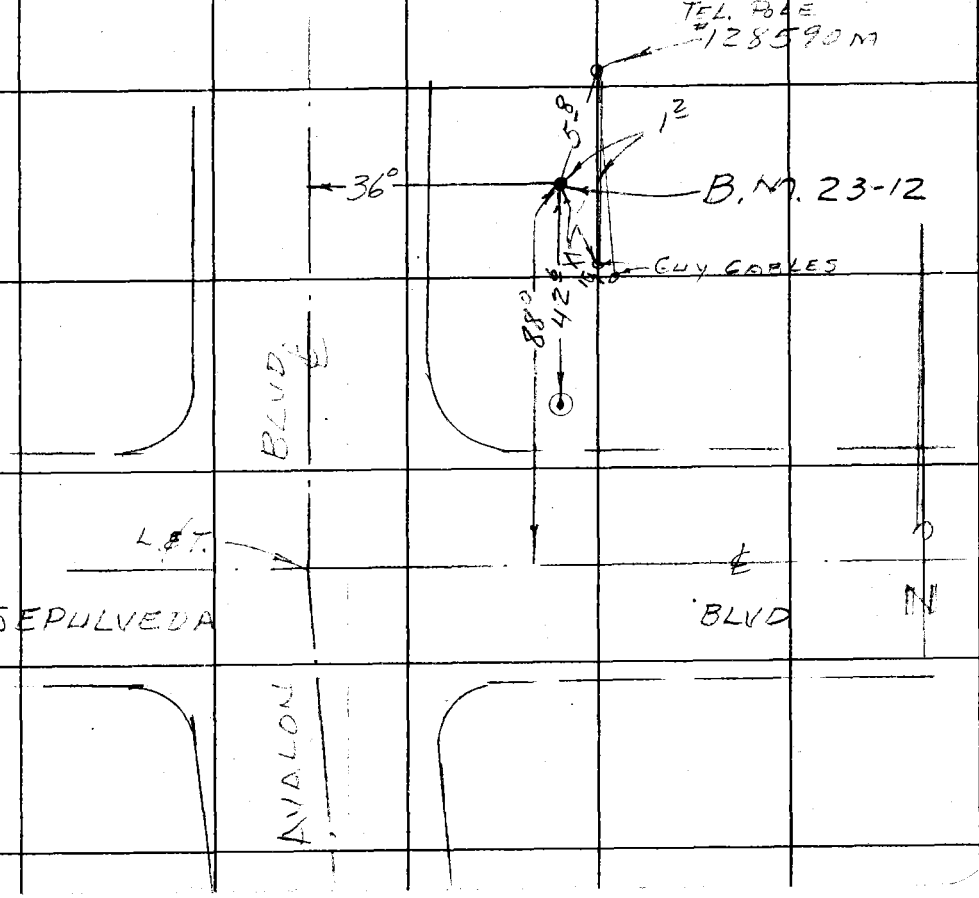
NOT RECOVERED 12-3-74, LIND

B.M. 23-12 (CITY OF L.A 37-H)
AVALON BLVD AND SEPULVEDA BLVD.,
A "CITY OF LOS ANGELES DEPT. OF PUBLIC
WORKS BUREAU OF ENGINEERING SURVEY
DIVISION" BRASS DISK "NO 37-H ELEVATION
ABOVE SEA LEVEL 38.34 FEET" SET IN CONC.
FLUSH, 36° FT. EAST OF ℄ OF AVALON BLVD.
AND 88° FT. NORTH OF ℄ OF SEPULVEDA
BLVD.

1953 ADJ. ELEV. 37.649

37.734

SEE F.B. 3706 - 187 FOR BM 23-12 A



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

Do not extend notes this side of this line.

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

76F309S 247 2-51

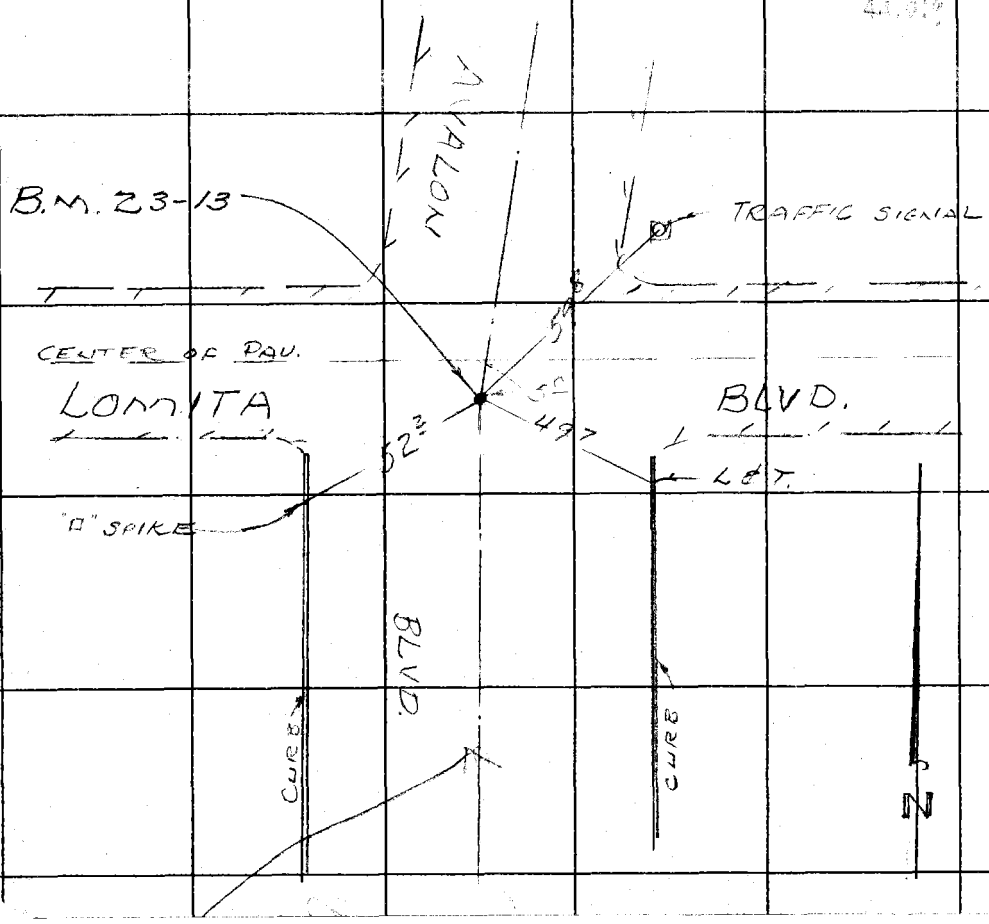
F.B. 1345 PG. 154

B.M. 23-13 (CITY OF L.A. WILMINTON E-1?)
AVALON BLVD AND LOMITA BLVD.,
A BRASS DISK MONUMENT STAMPED "CITY
OF L.A. DEPT OF PUBLIC WORKS BUREAU
OF ENGINEERING SURVEY DIVISION FIRST
ORDER SURVEY CONTROL REFERENCE
MARK WILMINGTON E-1 △ 1948"
SET IN CONCRETE 14 INCHES BELOW THE
SURFACE ON APPROXIMATE ℄ INTERSECTION
AND PROTECTED BY A CAST IRON COVER
MARKED "CITY OF L.A. ENGINEERING
MONUMENT"

NOTE:- NUMBERS ON MONUMENT NEARLY
ILLEGIBLE - COULD BE INCORRECT

1953 ADJ. ELEV. 43.897

43.819



RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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.

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-5 To B.M. 21-4
Date 5-22-53
Indexed Job [redacted] 6-4-53

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
	4.827		120		#5	5.080		119		B.M. 21-5 CITY OF LA. WATTS D-12
	4.717		121			4.961		120		ROSECRANS AVE, & MAIN ST.
	4.596		241			4.841		239		SEE F.B. 1391-10
1	14.150	4.717		241		14.882	4.961		239	FOR DESCRIPTION
	4.258		118			5.338		120		
	4.140		117			5.219		118		T. E. LANDE
	4.023		235			5.101		238		
2	12.421	4.140		476		15.659	5.220		477	
	4.705		215			5.682		217		
	4.490		212			5.465		213		
	4.278		427			5.252		430		
3	13.473	4.491		903		16.399	5.466		907	
	4.490		212			5.808		215		
	4.278		212			5.593		215		
	4.066		424			5.378		430		
4	12.834	4.278		1.327		16.779	5.593		1.337	
	4.298		215			5.694		214		
	4.083		213			5.480		212		
	3.870		428			5.268		426		
5	12.251	4.084		1.755		16.442	5.481		1.763	
		21.710					26.721			

F.B. 1395 PG. 159

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-[illegible] Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO 3:1[illegible] Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-5 To B.M. 21-4
Date 5-22-29
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
	4.412	21.710	213	1.755		5.628	26.721	215	1.763	
	4.199		211			5.413		211		
	3.988		424			5.202		426		
6	12.599	4.200		2.179		16.243	5.414		2.189	
	5.627		215			5.140		214		
	5.412		214			4.926		212		
	5.198		429			4.714		426		
7	16.237	5.412		2.608		14.780	4.927		2.615	
	5.513		210			4.560		208		
	5.303		206			4.352		207		
	5.097		416			4.145		415		
8	15.913	5.304		3.024		13.057	4.352		3.030	
	5.697		215			4.683		215		
	5.482		213			4.468		211		
	5.269		428			4.257		426		
9	16.448	5.483		3.452		13.408	4.469		3.456	
	6.396		131			3.459		129		
	6.265		132			3.330		128		
	6.133		263			3.202		257		
10	18.794	6.265		3.715		9.991	3.330		3.713	
		48.374					44.213			

F.B. 1395 PG. 160

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO 3:10 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4922
From B.M. 21-5 To B.M. 21-4
Date 5-22-53
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
	6 378	48.374	126	3.715		3237	49.213	128	3.713	B.M. 21-4
	6.252		122			3.109		126		ROSECRAN AVE & AVALON BLVD
	6 130		248			2.983		254		SEE F.B. 1391-
11	18.760	6.253		3.963		9.329	3.110		3.967	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 21-5 TO B.M. 21-4
										TOTAL BACKSIGHTS 54.627
										TOTAL FORESIGHTS 52.323
										DIFF IN ELEVATION + 2.304
	54.627					52.323				

F.B. 1395 PG. 161

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1395 PG. 162										

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-4 To B.M. 21-5
Date 5-25-53
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
	3.241		125		45	6.380		123		B.M. 21-4
	3.116					6.257		124		ROSECRANS AVE. & AVALON BLVD
	2.993		25			6.133		247		SEE F.B. 1391-7
1	9.347	3.116		.251	65°	18.770	6.257		.247	FOR DESCRIPTION
	3.361		128			6.301		131		
	3.233		125			6.170		131		T E. LANDA
	3.108		253			6.039		262		
2	9.702	3.234		.504		18.510	6.170		.509	
	4.652		214			5.664		215		
	4.438		212			5.449		212		
	4.226		426			5.237		427		
3	13.316	4.439		.930		16.350	5.450		.936	
	4.531		209			5.483		211		
	4.322		205			5.272		208		
	4.117		414			5.064		419		
4	12.970	4.323		.1344		15.819	5.273		.1355	
	4.703		213			5.189		214		
	4.490		211			4.975		211		
	4.279		424			4.764		425		
5	13.472	4.491		.1768		14.928	4.976		.1780	
		19.605					28.126			

F.B. 1325 PG. 63

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 9:30 TO 11:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-4 To B.M. 21-5
Date 5-25-53
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
	5.695	19.603	213	1.768		4.484	28.126	214	1.780	
	5.482		212			4.266		211		
	5.270		425			4.055		425		
6	16.447	5.482		2.193		12.801	4.267		2.205	
	5.838		216			4.475		212		
	5.622		213			4.263		209		
	5.409		429			4.054		421		
7	16.869	5.623		2.622		12.672	4.224		2.626	
	5.898		216			4.580		212		
	5.682		214			4.368		212		
	5.468		430			4.156		424		
5	17.048	5.683		3.052		13.104	4.368		3.058	
	5.778		216			4.802		212		
	5.562		212			4.590		212		
	5.350		428			4.378		424		
9	16.690	5.563		3.480		13.770	4.590		3.474	
	5.343		119			4.264		117		
	5.224		118			4.147		118		
	5.106		237			4.029		235		
10	15.673	5.224		3.717		12.440	4.147		3.709	
		47.178					41.722			

F.B. 1395 PG. 164

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E.D Weather PART-CLOUDY Inst. No. 50010
Notes by Time 9:30 TO 10:30 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-4 To B.M. 21-5
Date 5-25-53
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
	5094	47.178	120	3.717		4851	42.727	12	3.709	B.M. 21-5 (CITY OF L.A. WATTS D-12)
	4974		119			4730		120		ROSECRANS AVE & MAIN ST,
	4855		239			4610		241		SEE F.B. 1391-10
11	4923	4.974		3.956	3°	4191	4.723		3.950	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 21-4 TO B.M. 21-5
										TOTAL BACKSIGHTS + 52.152
										TOTAL FORESIGHTS - 54.455
										DIFF. IN ELEVATION - 2.303
	52.152					54.455				

F.B. 1395 PG. 165

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1395 PG. 166										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather [illegible] Inst. No. 50010
Notes by G.E. DREIER Time 10:40 TO 11:30 Rod No. 5 & 6

Name L.A. CO. [illegible]
Job No. 4923
From B.M. 21-4 To B.M. 23-1
Date 5-25-53
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
	7.525		215		85	7.275		212		B.M. 21-4
	7.240		212			7.063		[illegible]		COSECRANS AVE & AVALON BLVD
	3.128		[illegible]			6.841		426		SEE F.B. 1331-4
1	10.023	3.341		427	68°	21.186	7.062		426	FOR DESCRIPTION
	3.162		213			7.601		214		
	2.949		214			7.387		214		π E. LANDA
	2.735		427			7.173		428		
2	8.846	2.949		854		22.161	7.387		854	
	2.773		213			7.248		217		
	2.560		[illegible]			7.031		214		
	2.349		424			6.817		431		
3	7.682	[illegible]		1,278		21.696	[illegible]		1.285	
	3.046		216			7.347		216		
	2.830		212			7.131		216		
	2.618		428			6.915		432		
4	8.494	2.831		1,706		21.393	[illegible]		1.717	
	3.693		214			5.927		215		
	3.479		215			5.712		212		
	3.265		430			5.500		427		
5	10.435	3.478		2.136		17.139	5.713		2.144	
		15.160					34.325			

F.B. 2135 PG. 167

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather BREEZY PART-CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 10:40 to 11:30 Rod No. 536

Name L. A. [illegible]
Job No. 4923
From B.M. 21-4 To B.M. 23-1
Date 5-25-53
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
	3.949	15.160	216	2136		6.301	34.325	216	2144	
	3.733		213			6.085		213		
	3.520		429			5.872		429		
6	11.202	3.734		2565		18.258	6.186		2573	
	3.938		210			5.848		214		
	3.728		209			5.634		214		
	3.519		419			5.420		428		
7	11.185	3.728		2984		16.902	5.634		3.001	
	3.917		215			6.210		217		
	3.702		212			5.993		213		
	3.490		427			5.780		430		
8	11.109	3.703		3.411		17.983	5.994		3.431	
	4.155		215			6.761		211		
	3.940		212			6.550		212		
	3.728		427			6.338		423		
9	11.823	3.941		3.838		19.649	6.550		3.854	
	3.560		215			6.889		212		
	3.345		213			6.677		211		
	3.132		428			6.466		423		
10	10.037	3.346		4.266		20.032	6.677		4.277	
		33.612					65.266			

F.B. 1395 PG. 168

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-BREEZY Inst. No. 50010
Notes by G. E. DREIER Time 10:40 TO 11:30 Rod No. 5 E 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-4 To B.M. 23-1
Date 5-25-53
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
	3.435	3.202	235	4.266		7.432	6.960	234	4.277	B.M. 23-1
	3.203		234			7.197		237		AVALON BLVD. & PALOS VERDES BEACH BLVD.
	2.969		469			6.960		472		
11	9.610	3.203		4.735	68°	21.589	7.196		4.749	SEE F.B. 1395-142 FOR DESCRIPTION
										SUMMATION OF RUN B.M. 21-4 TO B.M. 23-1
										TOTAL BACKSIGHTS +36.815
										TOTAL FORESIGHTS -72.462
										DIFF IN ELEVATION -35.647
		36.815					72.462			

F.B. 1395 PG. 165

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name L.A. [illegible] 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. 1395 PG. 170										

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by R. HEMPELING Time 9:20 TO 10:16 Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 4933
From B.M. 23-1 To B.M. 21-4
Date 5-27-53
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
	7776		237		#6	3982		235		B.M. 23-1
	7539		234			3547		235		AVALON BLVD & REDONDO BEACH BLVD.
	7305		471			3312		470		SEE F.B. 1395-142
1	22620	7540		.471	70°	10641	3547		.470	FOR DESCRIPTION
	7192		215			3868		215		
	6977		216			3653		211		TT E. LANDA
	6761		431			3442		426		
2	20930	6977		.902		10963	3654		.896	
	6790		214			4175		214		
	6576		214			3961		212		
	6362		428			3749		426		
3	19728	6576		1.330		11885	3962		1.322	
	6571		215			4273		212		
	6356		214			4061		213		
	6142		429			3848		425		
4	19069	6356		1.759		12182	4061		1.747	
	6248		211			4342		211		
	6037		214			4131		209		
	5823		425			3922		420		
5	18108	6036		2.184		12395	4132		2.167	
		33485					19356			

F.B. 1396 PG. 171

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by R. HEMPELING Time 9:20 to 10:10 Rod No. 566

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4723
From B.M. 28-1 To B.M. 21-4
Date 5-27-53
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
	6.678	33.485	216	2.184		4.326	2.356	215	2.167	
	6.462		212			4.111		211		
	6.250		428			3.900		426		
6.	19.390	6.463		2.612		12.337	4.112		2.593	
	6.387		211			4.162		218		
	6.176		208			3.944		217		
	5.968		419			3.727		435		
7.	18.531	6.177		3.031		11.833	3.944		3.028	
	7.487		216			3.181		211		
	7.271		212			2.970		210		
	7.059		428			2.760		421		
8.	21.817	7.272		3.459		8.911	2.970		3.449	
	7.429	5.939	217			2.952	2.984	212		
	7.212		215			2.740		210		
	6.997		432			2.530		422		
9.	21.638	7.213		3.891		8.222	2.741		3.871	
	7.490		208			3.065		220		
	7.282		204			2.845		217		
	7.078		412			2.628		437		
10.	21.850	7.283		4.303		8.538	2.846		4.308	
		67.893					35.769			

F.B. 1395 PG. 172

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party S.E. DREIER Weather PART. CLOUDY Inst. No. 50010
Notes by R. HEMPELING Time 9:20 TO 10:15 Rod No. 586

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 23-1 To B.M. 21-4
Date 5-27-53
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
	7.353	67.893	214	4.303		3.641	35.169	212	4.308	B.M. 24-4
	7.139		211			3.429		211		ROSECRANS AVE & AVALON BLVD.
	6.928		425			3.218		423		SEE F.B. 1391-9 FOR DESCRIPTION
11.	21.420	7.140		4.728	65°	10.288	3.429		4.731	
										SUMMATION OF RUN B.M. 23-1 TO B.M. 21-4
										TOTAL BACKSIGHTS = + 75.033
										TOTAL FORESIGHTS = - 39.398
										DIFF. IN ELEVATION = +35.635
										F.B. 1395 PG. 173
		75.033					39.398			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1395 PG. 174

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name L.A. COUNTY ENGINEER
Job No. 4923
From B.M. 23-1 To B.M. 23-2
Date 5-25-53
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
	5837		57		#6	5181		51		B.M. 23-1
	5780		57			5130		51		AVALON BLVD & REDONDO BEACH BLVD.
	5723		114			5079		102		SEE F.B. 1395-142
1	17.346	5.780		114	68°	15.390	5.130		102	FOR DESCRIPTION
										B.M. 23-1A (City L.A. No 45 H)
										AVALON BLVD & REDONDO BEACH BLVD.
										SEE F.B. 395-142
										FOR DESCRIPTION
	3.662		211			7.700		212		
	3.650		211			7.488		211		T. E. LANDA
	3.439		422			7.277		423		
2	10.951	3.650		53		22.465	7.488		525	
	3.468		213			6.890		213		
	3.255		212			6.677		216		
	3.043		425			6.461		429		
3	9.766	3.255		96		20.028	6.676		954	
	3.899		211			6.295		213		
	3.688		213			6.082		211		
	3.475		424			5.871		424		
4	11.062	3.687		138		18.248	6.082		1378	
		16.372					25.377			

F.B. 1395 PG. 175

FORM 375 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E.DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G.E.DREIER Time 1:30 TO 2:00 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 23-1 To BM 23-2
Date 5-25-53
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
	4.038	16.372	214	1.385		6.175	[illegible]	215	1.378	
	3.824		212			5.960		212		
	3.612		426			5.748		427		
5	11.474	3.825		1.811		17.883	5.961		1.805	
	4.300		211			5.914		214		
	4.089		210			5.700		213		
	3.879		421			5.487		427		
6	12.268	4.089		2.238		17.101	5.700		2.232	
	4.438		211			6.082		212		
	4.227		213			5.870		212		
	4.014		424			5.658		424		
7	12.679	4.226		2.656		17.610	5.870		2.656	
	3.655		214			6.676		216		
	3.441		211			6.460		212		
	3.230		425			6.248		428		
8	10.326	3.442		3.084		19.384	6.461		3.084	
	4.125		207			6.439		202		
	3.918		210			6.237		200		
	3.708		417			6.035		402		
9	11.751	3.917		3.486		18.707	6.236		3.486	
		35.871					55.605			

F.B. 1395 PG. 176

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather WINDY-CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:00 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-1 To B.M. 23-2
Date 5-25-53
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
		35.871		3.498 9			35.605		3.486	AVALON BLVD & SAN PEDRO ST. NLY COR. C.SPK. IN NLY COR. OF CONC. BOX CULVERT
	4.427		171			6.404		181		
	4.256		167			6.223		178		
	4.089		338			6.045		359		
10	12.772	4.257		3.83 7		18.672	6.224		3.845	
	4.109		190			6.590		193		B.M. 23-2
	3.919		191			6.397		192		AVALON BLVD & OLIVE ST.
	3.728		381			6.205		385		SEE F.B. 1395-143
11	11.756	3.919		4.21 8	67°	19.192	6.397		4.230	FOR DESCRIPTION
									[illegible] 8.448	SUMMATION OF RUN B.M. 23-1 TO B.M. 23-2
										TOTAL BACK SIGHTS +44.047
										TOTAL FORESIGHTS -68.226
										DIFF. IN ELEVATION -24.179
		44.047					68.226			

F.B. 1395 PG. 177

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1395 PG. 178										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather VERY WINDY Inst. No. 50010
Notes by G. E. DREIER Time 2:30 TO 3:20 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 23-2 To B.M. 23-1
Date 5-26-53
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
	6.745		191		55	4.262		192		B.M. 23-2
	6.552		191			4.070		189		AVALON BLVD & OLIVE ST
	6.361		382			3.881		381		SEE F.B. 1395-142
1	19.656	6.552		382		12.213	4.071		381	FOR DESCRIPTION
	6.431		180			4.454		168		
	6.251		180			4.286		167		T. E. LANDA
	6.071		360			4.119		335		
2	18.753	6.251		742		12.859	4.286		716	
		12.803					8.357			AVALON BLVD & SAN PEDRO ST.
										N'LY COR., C.SPK IN N'LY COR
										OF CONC. BOX CULVERT.
	6.522		202			4.209		207		
	6.324		202			4.002		204		
	6.122		405			3.798		411		
3	18.973	6.324		1.147		12.009	4.003		1.127	
	7.219		210			4.207		219		
	7.009		209			3.988		218		
	6.800		419			3.770		437		
4	21.028	7.009		1.566		11.965	3.988		1.564	
		26.136					16.348			

F.B. 1395 PG. 179

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 23-2 To B.M. 23-1
Date 5-26-53
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
	6.396	26.136	208	1.566		4.762	4.345	220	1.564	
	6.188		205			4.542		218		
	5.983		413			4.324		438		
5	18.567	6.189		1.479		13.628	4.543		2.002	
	6.348		216			4.731		211		
	6.132		212			4.520		210		
	5.920		428			4.310		421		
6	18.400	6.133		2.407		13.561	4.520		2.423	
	6.709		215			4.569		214		
	6.494		213			4.355		213		
	6.281		428			4.142		427		
7	19.484	6.495		2.835		13.066	4.355		2.850	
	6.823		206			4.432		215		
	6.617		209			4.217		217		
	6.408		415			4.000		432		
8	19.848	6.616		3.250		12.649	4.216		3.282	
	6.824		214			3.407		212		
	6.610		212			3.195		213		
	6.398		426			2.982		425		
9	19.832	6.611		3.676		9.584	3.195		3.707	
		58.180					39.177			

F.B. 1395 PG. 180

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather VERY WINDY Inst. No. 50010
Notes by G.E. DREIER Time 2:30 TO 3:20 Rod No. 556

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 23-2 To B.M. 23-1
Date 5-26-53
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
	7.748	58.180	216	3.6~~94~~ 76		3.908	37.177	213	3.~~89~~ 707	
	7.532		213			3.695		213		
	7.319		429			3.482		426		
10	22.599	7.528		4.1~~23~~ 05		11.085	3.695		4.1~~13~~ 33	
		65.713					40.872			B.M. 23-1A (CITY L.A. AVALON BLVD & REDONDO BLVD BEACH SEE F.B. 1395-142 FOR DESCRIPTION
	5.217		056			5.868		057		B.M. 23-1 AVALON BLVD & REDONDO BLVD BEACH SEE F.B. 1395-142 FOR DESCRIPTION
	5.161		053			5.811		056		
	5.108		109			5.755		113		
11	15.486	5.162		4.2~~32~~ 14	67°	17.434	5.811		4.2~~28~~ 46	
										SUMMATION OF RUN B.M. 23-2 TO B.M. 23-1
										TOTAL BACKSIGHTS + 70.875
										TOTAL FORESIGHTS - 46.68~~4~~ 3
										DIFF IN ELEVATION + 24.19 X 2
		70.875					46.68~~4~~ 3			

F.B. 1395 PG. 181

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1395 PG. 182										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather WINDY-CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 2:10 TO 3:20 Rod No. 596

Name L.A. CO. [illegible] LEVEL NET
Job No. 4923
From B.M. 23-2 To B.M. 23-3
Date 5-25-53
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
	5.335		218			5.582		215		B.M. 23-2
	5.112		214			5.367		213		AVALON BLVD & OLIVE ST.
	4.878		432			5.154		428		SEE F.B. 1395-143
1	15.340	5.113		432	67°	16.103	5.368		428	
	5.101		212			5.496		217		
	4.889		212			5.279		214		
	4.677		424			5.065		431		
2	14.667	4.889		856		15.840	5.280		859	
	5.341		211			5.512		214		
	5.120		208			5.298		215		
	4.922		419			5.083		429		
3	15.393	5.131		1.275		15.893	5.298		1.288	
	5.217		214			5.662		213		
	5.003		212			5.450		214		
	4.792		425			5.236		427		
4	15.012	5.004		1.700		16.349	5.450		1.715	
	5.232		214			5.797		216		
	5.018		215			5.581		213		
	4.803		429			5.368		429		
5	15.053	5.018		2.129		16.746	5.582		2.144	
		25.155					26.978			

F.B. 1395 PG. 183

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E.DREIER Weather WINDY-CLEAR Inst. No. 50010
Notes by G.E.DREIER Time 2:10 TO 5:00 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 23-2 To B.M. 23-
Date 5-25-53
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
	5.057	25.155	215	2.129		5.461	26.978	213	2.144	
	4.842		212			5.248		213		
	4.630		427			5.035		426		
6	14.529	4.843		2.556		15.744	5.248		2.570	
	5.268		214			5.884		214		
	5.054		214			5.670		212		
	4.840		428			5.458		426		
7	15.162	5.054		2.984		17.012	5.671		2.996	
	5.500		215			6.506		213		
	5.285		212			6.293		211		
	5.073		427			6.082		424		
8	15.858	5.286		3.411		18.881	6.294		3.420	
	4.001		211			7.663		214		
	3.790		212			7.449		212		
	3.575		423			7.237		426		
9	11.369	3.790		3.834		22.349	7.450		3.846	
	3.533		215			6.434		212		
	3.318		213			6.222		211		
	3.105		427			6.011		423		
10	9.956	3.319		4.261		18.667	6.222		4.269	
		47.447					57.863			

F.B. 1395 PG. 184

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather VERY WINDY-CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 2:10 TO 3:20 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-2 To B.M. 23-3
Date 5-25-53
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
	5.727	47.447	214	4.261		3.958	57.863	216	4.269	
	5.513		211			3.742		212		
	5.302		425			3.530		428		
11	16.542	5.514		4.686		11.230	3.743		4.697	
	7.478		231			3.952		229		B.M. 23-3
	7.247		230			3.723		229		AVALON BLVD AT TOWER # 39
	7.017		461			3.494		458		SEE F.B. 1395-144
12	21.742	7.247		5.147	69°	11.169	3.723		5.155	FOR DESCRIPTION
									5.147 / 10.302	
										SUMMATION OF RUN
										B.M. 23-2 TO B.M. 23-3
										TOTAL BACKSIGHTS + 60.208
										TOTAL FORESIGHTS - 65.329
										DIFF IN ELEVATION - 5.121
		60.208					65.329			

F.B. 1396 PG. 185

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1275 PG. 186										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather VERY WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:30 Rod No. 5 #6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-3 To B.M. 23-2
Date 5-26-53
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
	3.955		236		#5	7.468		225		B.M. 23-3
	3.719		237			7.243		221		AVALON BLVD AT TOWER # 39
	3.482		473			7.022		446		SEE F.B. 1395-144
1	11.156	3.719		.473	71°	21.733	7.244		.446	FOR DESCRIPTION
	4.027		215			5.799		214		
	3.812		213			5.585		213		X E LANDA
	3.599		428			5.372		427		
2	11.438	3.813		.901		16.756	5.585		.873	
	6.458		208			3.564		216		
	6.250		206			3.348		218		
	6.044		414			3.130		434		
3	18.752	6.251		1.315		10.042	3.347		1.307	
	7.652		212			3.995		215		
	7.440		214			3.780		212		
	7.226		426			3.568		427		
4	22.318	7.439		1.741		11.343	3.781		1.734	
	6.658		214			5.649		214		
	6.444		214			5.435		213		
	6.230		428			5.222		427		
5	19.332	6.444		2.169		16.306	5.435		2.161	
		27.666					25.392			

F.B. 1395 PG. 157

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather VERY WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:30 Rod No. 5 #6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 23-3 To B.M. 23-2
Date 5-26-53
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
	6.030	27.666	216	2169		5.409	25.392	215	2161	
	5.814		214			5.195		214		
	5.600		430			4.981		429		
6	17.444	5.815		2.599		5.585	5.195		2.590	
	5.956		215			5.550		212		
	5.741		213			5.338		215		
	5.528		428			5.123		427		
7	17.225	5.742		3.027		16.011	[illegible]		3.017	
	5.993		215			5.429		216		
	5.778		216			5.213		213		
	5.562		431			5.000		429		
8	17.333	5.778		3.458		15.642	5.214		3.446	
	5.709		216			5.260		213		
	5.493		215			5.047		209		
	5.278		431			4.838		422		
9	16.480	5.493		3.889		15.145	5.048		3.868	
	5.607		215			5.433		209		
	5.392		214			5.224		207		
	5.178		429			5.017		416		
10	16.177	5.392		4.318		15.674	[illegible]		4.284	
		55.886					51.411			

F.B. 1395 PG. 188

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E.DREIER Weather VERY WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-3 To B.M. 23-2
Date 5-26-53
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
	5.672	55.886	210	4318		5.289	51.411	219	4284	
	5.462		209			5.070		217		
	5.253		419			4.853		436		
11	16.387	5.462		4.737		15.212	5.071		4.720	
	5.722		214			5.468		215		B.M. 23-2
	5.508		214			5.253		215		AVALON BLVD & OLIVE ST.
	5.294		428			5.038		430		SEE F.B. 1395-143
12	16.524	5.508		5.165		15.759	5.253		5.150	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 23-3 TO B.M. 23-2
										TOTAL BACKSIGHTS +66.856
										TOTAL FORESIGHTS -61.735
										DIFF IN ELEVATION +5.121
		66.856					61.735			

F.B. 1395 PG. 159

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1395 PG. 190										

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 8:40 to 9:30 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-3 To B.M. 23-5
Date 5-26-53
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
	7042		211		#5	4819		214		B.M. 23-3
	6831		211			4605		212		Avalon Blvd & Tower #39
	6620		422			4393		426		See F.B. 1395 - 141
1	20493	6.831		422	62°	13817	4.606		426	for description
	4395		213			7130		213		
	4182		212			6917		215		⊼ G. E. Dreier
	3970		425			6702		428		
2	12547	4.182		847		20749	6.916		854	
	3809		217			7354		221		
	3592		215			7133		220		
	3377		432			6913		441		
3	10778	3.593		1279		21400	7.133		1295	
	3808		220			6444		222		
	3588		219			6222		220		
	3369		439			6002		442		
4	10765	3.588		1718		18668	6.223		1737	
	3413		213			7061		213		
	3200		210			6848		212		
	2990		423			6636		425		
5	9603	3.201		2141		20543	6.848		2162	
		21.395				5	31.726			

F.B. 1395 PG. 141

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: G.E. Dreier Weather: Clear Inst. No. 50010
Notes by: E. Landa Time: 8:40 to 9:30 Rod No. 5 E.C.

Name: L. A. CO. PRECISE LEVEL NET
Job No. 4923
From: B.M. 23-3 To: B.M. 23-5
Date: 5-26-53
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
	6610	21.395	212	2141		3417	31.726	215	2162	
	6398		212			3202		212		
	6186		424			2990		427		
6	19194	6.398		2565		9609	3.203		2589	
	7582		209			4018		216		
	7373		207			3802		212		
	7166		416			3590		428		
7	22121	7.374		2981		11410	3.303		3017	
	5265		216			5437		209		
	5049		216			5228		210		
	4833		432			5018		419		
8	15147	5.049		3413		15683	5.228		3436	
	4863		215			5629		209		
	4648		217			5420		208		
	4431		432			5212		417		
9	13942	4.647		3845		16261	5.420		3853	
	5141		214			5476		212		
	4927		215			5264		212		
	4732		429			5052		424		
10	14840	4.947		4274		15792	5.264		4277	
		49.810					54.144			

F.B. 1595 PG. 192

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 8:40 to 9:30 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-3 To B.M. 23-5
Date 5-26-53
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
	4842	49.810	157	4274		5245	54.644	157	4277	
	4685		157			5088		158		Summation of Run
	4528		314			4930		315		B.M. 23-3 to B.M.5
11	14055	4.685		4588		15263	5.088		4592	
	4862		162			4260		158		Total Backsights = +62.375
	4700		160			4102		160		Total Foresights = -70.151
	4540		322			3942		318		Diff. in Elev. = -7.776
12	14102	4.701		4910		12304	4.101		4910	
		59.196					63.833			B.M. 23-4 (U.S. 4224)
										(M.W.D.S.C. 57C)
										Avalon Blvd. & Victoria St.
										See F.B. 1395-145 for desc.
	3277		98			6409		91		B.M. 23-5
	3179		97			6318		90		Avalon Blvd. & Victoria Twi. 44
	3082		195			6228		181		See F.B. 1395-145
13	9538	3.179		5105	65°	18955	6.318		5091	for description
									5105	
									10196	
		62.375					70.151			

F.B. 1395 PG. 19

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1395 PG. 194										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:10 to 12:00 Rod No. 5E6

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 2923
From B.M. 23-5 To B.M. 23-3
Date 5-26-53
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
	6666		93		#6	3532		99		B.M. 23-5
	6573		90			3433		97		Avalon Blvd. & Victoria Tw NG
	6483		133			3336		196		See F.B. 1395:125
1	19722	6.574		.183	67°	10301	3.434		.196	for description
										B.M. 23-6 (HS 6226)
										F.B. 1395-125
										Avalon Blvd. & Victoria St.
										See F.B. 1395-125 for descrip.
	4231		159			4832		161		
	4072		159			4671		160		
	3913		318			4511		321		
2	12216	4.072		.501		14014	4.671		.517	
	5195		157			4790		157		
	5038		158			4633		154		
	4878		315			4479		311		
3	15107	5.036		.816		13902	4.634		.528	
	6378		216			6057		210		
	6162		212			5847		210		
	5950		428			5637		420		
4	18490	6.163		.1244		17541	5.847		.1248	
		21.845					18.586			

F.B. 1395 PG. 125

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:10 To 12:00 Rod No. 56C

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 23-5 To B.M. 23-3
Date 5-26-53
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
	5469	21.845	214	1244		4693	[illegible]	211	1248	
	5255		215			4482		210		
	5040		429			4272		421		
5	15764	5.255		1673		13447	4.482		1669	
	6021		213			5837		211		
	5808		214			5626		211		
	5594		427			5415		422		
6	17423	5.808		2100		16878	5.626		2091	
	4569		214			8135		212		
	4355		213			7923		211		
	4142		427			7712		423		
7	13066	4.355		2527		23770	7.923		2514	
	3397		214			6587		212		
	3183		216			6373		212		
	2969		430			6161		424		
8	9549	3.183		2955		19121	6.372		2940	
	6769		214			8202		211		
	6635		211			7991		211		
	6424		425			7780		422		
9	19908	6.636		3380		23973	7.991		3362	
		47.082					46.482			

F.B. 1885 PG. 196

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather clear Inst. No. 50010
Notes by E. Landa Time 11:10 to 12:00 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 2923
From B.M. 23-5 To B.M. 23-3
Date 5-26-53
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
	6593	47.082	215	33.80		3970	45.982	221	33.62	
	6378		216			3749		225		
	6162		431			3524		446		
10	19133	6.378		38.11		11243	3.748		38.08	
	7677		220			4132		217		SUMMATION OF RUN
	7457		222			3915		217		B.M. 23-5 TO B.M. 23-3
	7235		442			3698		434		TOTAL BACKSIGHTS + 72.750
11	22369	7.456		42.53		11745	3.915		42.42	TOTAL FORESIGHTS − 64.976
	7219		212			4488		213		DIFF IN ELEVATION + 7.774
	7007		213			4275		211		
	6794		425			4064		424		
12	21020	7.007		46.78		12827	4.276		46.66	
	5039					7265		211		B.M. 23-3
	4827		212			7054		208		Avalon Blvd & Tower No. 39
	4615		423			6846		419		See F.B. 1395-144
13	14480	4.827		51.01	67°	21165	7.055		50.85	for description
		72.750					64.976			

F.B. 1395 PG. 127

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1595 PG. 198										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 9:30 To Rod No. 556

Name [redacted] CO. PRECISE LEVEL NET
Job No. 0923
From B.M. 23-5 To B.M. 23-6
Date 5-26-53
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
	3977		215		#6	7849		212		B.M. 23-5
	3762		211			7637		212		Avalon Blvd. & Victoria St.
	3551		426			7425		424		See F.B. 1395-145
1	11290	3.763		426	65°	22911	7.637		424	for description
	2987		215			7573		215		
	2772		212			7358		213		⊼ G.E. Dreier
	2560		427			7145		428		
2	8319	2.773		853		22076	7.359		852	
	3648		216			8231		211		
	3432		213			8020		211		
	3219		429			7809		422		
3	10299	3.433		1282		28060	8.020		1274	
	3282		213			7827		216		
	3069		215			7611		213		
	2854		428			7398		429		
4	9205	3.068		1710		22836	7.612		1703	
	4149		212			6511		213		
	3937		213			6298		212		
	3724		425			6086		425		
5	11810	3.937		2135		18895	6.298		2128	
		16.974					36.926			

F.B. 1395 PG. 145

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 9:30 to Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-5 To B.M. 23-6
Date 5-26-53
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
	5113	16.974	213	2135		5845	[illegible]	213	2138	
	4900		211			5632		212		
	4689		424			5420		425		
6	14702	4.901		2559		16897	5.632		2563	
	5182		213			5690		213		
	4969		211			5477		214		
	4758		424			5263		427		
7	14909	4.970		2983		16430	5.477		2980	
	4968		212			5703		213		
	4756		212			5490		216		
	4544		424			5274		429		
8	14268	4.756		3407		16467	5.489		3409	
	4968		213			5500		211		
	4755		212			5289		211		
	4543		425			5078		422		
9	14266	4.755		3832		15867	5.289		3831	
	5657		184			6141		186		
	5473		182			5955		185		
	5291		366			5770		371		
10	16421	5.474		4198		17866	5.955		4202	
		41.830					64.768			

F.B. 1395 PG. 200

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C.E. Dreier Weather Clear Inst. No. 500010
Notes by E. Landa Time 9:30 to 10:25 Rod No. 556

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-5 To B.M. 23-6
Date 5-26-56
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
	4879	41.830	187	4198		5851	64.768	182	4222	B.M. 23-6
	4692		187			5669		184		Avalon Blvd & Tower No 48
	4505		374			5485		366		See F.B. 1395-106
11	18076	4.692		4.572	65°	17.505	5.368		4.548	for description
										Summation of Run B.M. 23-5 to B.M. 23-6
										Total Backsights = + 46.522
										Total Foresights − 70.436
										Diff. in Elev. − 23.914
		46.522					70.436			

F.B. 1395 PG. 201

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1395 PG. 202										

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 10:25 to 11:10 Rod No. 56

Name L. A. CO. PRECISE LEVEL NET
Job No. 2923
From B.M. 23-6 To B.M. 23-5
Date 5-26-53
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		183		#5	4976		187		B.M. 23-6
	5770		176			4789		186		Avalon Blvd. & Tower No. 40
	5584		369			4603		373		See F.B. 1395-126
1	17307	5.769		369	65°	14368	4.789		373	For description
	6171		184			5686		184		
	5987		186			5502		182		T G.E. Dreier
	5801		370			5320		366		
2	17959	5.986		739		16508	5.503		739	
	5765		213			5215		214		
	5552		212			5001		212		
	5320		425			4789		426		
3	16597	5.532		1164		15005	5.002		1165	
	6100		215			5370		212		
	5885		213			5158		210		
	5672		428			4948		422		
4	17657	5.886		1592		15476	5.159		1587	
	5917		214			5410		214		
	5703		214			5196		213		
	5489		428			4983		427		
5	17109	5.703		2020		15589	5.196		2014	
		28.876					25.649			

F.B. 1395 PG. 203

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C. E. Dreier Weather Clear Inst. No. 56010
Notes by E. Landa Time 10:25 to 11:[illegible] Rod No. 566

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 23-6 To B.M. 23-5
Date 5-26-53
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
	5912	28.870	213	2020		5180	25.649	211	2014	
	5699		212			4969		213		
	5487		425			4756		224		
6	17098	5.699		2.045		15905	5.968		2.438	
	6531		213			4169		211		
	6318		213			3958		210		
	6105		426			3748		421		
7	18954	6.318		2.871		11875	5.958		2.859	
	7779		210			3240		216		
	7569		211			3024		213		
	7358		421			2811		429		
8	22706	7.569		3.292		9075	3.025		3.288	
	8064		212			3482		214		
	7852		213			3268		215		
	7639		425			3053		429		
9	23555	7.852		3.717		9803	3.268		3.717	
	7373		213			2787		216		
	7160		213			2571		213		
	6947		426			2358		429		
10	21480	7.160		4.143		7716	2.572		4.146	
		63.474					45.440			

F.B. 1393 PG. 204

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 10:25 to 11:10 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-6 To B.M. 23-5
Date 5-26-56
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
	7841	63.474	211	4143		3971	43.440	212	4146	B.M. 23-5
	7630		211			3759		213		Avalon Blvd. & Victoria St. Tw. No. 40
	7419		422			3546		425		See F.B. 1395-145
11	22890	7.630		4565	67°	11276	3.759		4571	for desc.
										Summation of Run
										B.M. 23-6 To B.M. 23-5
										Total Backsights +71.104
										Total Foresights -47.199
										Diff in Elevation +23.905
		71.104					47.199			

F.B. 1395 PG. 205

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1395 PG. 206										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 10:40 TO 11:30 Rod No. 596

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-6 To B.M. 23-7
Date 5-27-53
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
	5.523		212		#5	5.918		214		B.M. 23-6
	5.311		209			5.704		212		AVALON BLVD AT TOWER No. 48
	5.102		421			5.492		426		SEE F.B. 1395-140
1	15.936	5.312		421	66°	17.114	5.705		426	FOR DESCRIPTION
	5.065		215			4.992		210		
	4.850		215			4.782		212		⊼ E. LAURA
	4.635		430			4.570		422		
2	14.550	4.850		851		14.344	4.781		848	
	3.916		216			6.307		212		
	3.700		215			6.095		211		
	3.485		431			5.884		423		
3	11.101	3.700		1282		18.286	6.095		1,271	
	5.171		214			6.370		213		
	4.957		216			6.157		217		
	4.741		430			5.940		430		
4	14.869	4.956		1,712		18.467	6.156		1,701	
	5.277		215			6.391		212		
	5.062		214			6.179		214		
	4.848		429			5.965		426		
5	15.187	5.062		2,141		18.535	6.178		2,127	
		23.880					28.915			

F.B. 1395 PG. 207

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather BREEZY PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 10:40 TO 11:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-6 To B.M. 23-7
Date 5-27-53
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
	5.115	23.880	223	2141		6.260	28.915	220	2127	
	4.892		220			6.040		221		
	4.672		443			5.819		441		
6	14.679	4.893		2,584		18.119	6.040		2,568	
	5.077		213			5.717		218		
	4.864		211			5.499		218		
	4.653		424			5.281		436		
7	14.594	4.865		3,008		16.497	5.499		3004	
	5.435		213			5.657		215		
	5.222		211			5.442		212		
	5.011		424			5.230		427		
8	15.668	5.223		3,432		16.329	5.443		3,431	
	5.324		214			5.742		214		
	5110		210			5.528		215		
	4900		424			5.313		429		
9	15.334	5.111		3856		16.583	5.[illegible]28		3860	
	5297		212			5.885		214		
	5.085		213			5.671		212		
	4.872		425			5459		426		
10	15.254	5.085		4.281		17.015	5.[illegible]72		4286	
		49.057					5.[illegible]97			

F.B. 1395 PG. 208

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather BREEZY-CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 10:40 TO 1:50 Rod No. 5 & 6

Name L.A. CO. FIELD LEVEL NET
Job No. 4922
From B.M. 23.6 To B.M. 23 7
Date 5-27-53
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
	5.527	49.057	215	4.281		5.552	57.097	213	4.286	
	5.312		214			5.339		212		
	5.098		429			5.127		425		
11	15.937	5.312		4.710		16.018	5.339		4.711	
	5.418		130			5.521		127		
	5.288		131			5.392		130		
	5.157		261			5.262		259		
12	15.863	5.288		4.971		16.175	5.392		4.970	
	5.351		124			6.210		123		B.M. 23-7
	5.227		126			6.087		126		AVALON BLVD AT TOWER # 53
	5.101		250			5.961		249		SEE F.B. [illegible]-147
13	15.679	5.226		5.221	65°	18.258	6.086		5.219	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 23-6 TO B.M. 23-7
										TOTAL BACKSIGHTS = 64.883
										TOTAL FORESIGHTS - 73.914
										DIFF IN ELEVATION - 9.031
		64.883					73.914			

F.B. 1325 PG. 209

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1395 PG. 210

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER
Notes by R. HEMPELING
Weather CLOUDY-WINDY
Time 2:40 TO 3:20
Inst. No. 50010
Rod No. 586

Name E.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-7 To B.M. 23-5
Date 5-28-53
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
	6.182		124		#5	5.321		126		B.M. 23-7
	6.058		126			5.195		125		AVALON BLVD AT TOWER # 53
	5.932		250			5.070		251		SEE F.B. 1395-147
1	18.172	6.057		.250	64°	15.586	5.195		.251	FOR DESCRIPTION
	5.512		129			5.409		130		
	5.383		130			5.279		130		A E. LANDA
	5.253		259			5.149		260		
2	16.148	5.383		.509		15.837	5.279		.511	
	5.497		214			5.462		213		
	5.281		212			5.249		212		
	5.069		426			5.037		425		
3	15.845	5.282		.935		15.748	5.249		.936	
	5.896		216			5.310		212		
	5.680		212			5.098		213		
	5.468		428			4.885		425		
4	17.044	5.681		1.363		15.293	5.098		1.361	
	5.733		211			5.319		214		
	5.522		213			5.105		213		
	5.309		424			4.892		427		
5	16.564	5.521		1.787		15.316	5.105		1.788	
		27.924					25.926			

F.B. 1395 PG. 211

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPELING Time 2:40 to 3:20 Rod No. 566

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-7 To B.M. 23-6
Date 5-28-53
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
	5.649	27.924	214	1.787		5.425	26	211	1.788	
	5.435		214			5.212		215		
	5.221		428			5.002		426		
6.	16.305	5.435		2.215		15.639	16		2.214	
	5.695		214			5.062		215		
	5.481		212			4.847		214		
	5.269		426			4.633		429		
7.	16.445	5.482		2.641		14.542	4.847		2.643	
	6.235		222			5.094		225		
	6.013		220			4.869		221		
	5.793		442			4.648		446		
8.	18.041	6.014		3.083		14.611	4.870		3.089	
	6.329		212			5.214		214		
	6.117		214			5.000		216		
	5.903		426			4.784		430		
9.	18.349	6.116		3.509		14.998	4.999		3.519	
	6.313		217			5.119		214		
	6.101		213			4.905		211		
	5.888		430			4.694		425		
10	18.307	6.102		3.939		14.718	4.906		3.944	
		57.073					50.764			

F.B. 1595 PG. 212

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by R. HEMPFLING Time 2:40 TO 3:20 Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-7 To B.M. 23-6
Date 5-28-53
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
	6.282	57.073	215	3.939		3.883	50.764	212	3.944	
	6.067		214			3.671		212		
	5.853		429			3.459		424		
11.	18.202	6.067		4.368		11.013	3.671		4.368	
	4.983		215			5.054		213		
	4.768		214			4.841		211		
	4.554		429			4.630		424		
12.	14.305	4.768		4.797		14.525	4.842		4.792	
	5.330		213			5.433		214		B.M. 23-6
	5.617		214			5.219		211		AVALON BLVD AT TOWER NO. 48
	5.403		427			5.008		425		SEE F.B. 1395-146
13.	16.350	5.617		5.224	65°	15.660	5.225		5.217	FOR DESCRIPTION
										SUMMATION OF HON B.M. 23-7 TO B.M. 23-6
										TOTAL BACKSIGHTS = +73.525
										TOTAL FORESIGHTS = -64.497
										DIFF. IN ELEVATION = +9.028
		73.525					64.497			

F.B. 1395 PG. 213

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 395 PG. 214										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather BREEZY & CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:20 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-7 To B.M. 23-8
Date 5-27-53
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
	5.943		210		#6	5.561		212		B.M. 23-7
	5.733		211			5.349		216		AVALON BLVD AT TOWER # 53
	5.522		421			5.133		428		SEE F.B. 1395-147
1	17.198	5.733		421	68°	16.043	5.348		428	FOR DESCRIPTION
	5.370		215			5.637		214		
	5.155		212			5.423		213		T E. LAHA
	4.943		427			5.210		427		
2	15.468	5.156		848		16.270	5.423		855	
	5.408		217			5.223		215		
	5.191		214			5.008		211		
	4.977		431			4.797		426		
3	15.576	5.192		1,279		15.028	5.009		1,281	
	5.[illegible]		215			5.380		212		
	5.382		212			5.167		215		
	5.170		427			4.952		428		
4	16.149	5.383		1,706		15.499	5.166		1,709	
	5.688		214			5.560		211		
	5.474		212			5.349		211		
	5.262		426			5.138		422		
5	16.424	5.475		2,132		16.047	5.349		2,131	
		26.939					26.295			

F.B. 1395 PG. 215

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather BREEZY Inst. No. 50010
Notes by G. E. DREIER Time 11:30 To 2:20 Rod No. 5.86

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 23-7 To B.M. 23-8
Date 5-27-53
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
	5.339	26.939	215	2.132		5.742	[illegible]	212	2.131	
	5.124		216			5.530		211		
	4.908		431			5.319		423		
6	15.371	5.124		2.563		16.591	5.530		2.554	
	5.362		221			5.599		216		
	5.141		223			5.383		214		
	4.918		444			5.169		430		
7	15.421	5.140		3.007		16.151	5.384		2.984	
	5.309		123			5.105		127		
	5.186		122			4.978		128		
	5.064		245			4.850		255		
8	15.559	5.186		3.252		14.933	4.978		3.239	
	7.667		127			1.961		125		
	7.540		128			1.836		127		
	7.412		255			1.709		252		
9	22.619	7.540		3.507	68°	5.506	1.835		3.491	
										B.M. 23-14 (L.A. Co Rd. DEPT.) CHANNEL AVALON BLVD & DOMINGUEZ SEE F.B. 1395-148 FOR DESCRIPTION
		49.929					44.022			

F.B. 1395 PG. 216

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather BREEZY-CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:30 TO 2:20 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-7 To B.M. 23-8
Date 5-27-53
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
	3.783	49.929	212	3.507		9.072	44.022	212	3.481	
	3.571		213			8.855		213		SUMMATION OF RUN
	3.358		425			8.642		430		B.M. 23-7 TO B.M. 23-8
10	10.712	3.571		3.932		26.569	8.856		3.921	TOTAL BACKSIGHTS +65.649
	3.977		214			4.162		212		TOTAL FORESIGHTS −65.532
	3.763		213			3.950		213		DIFF. IN ELEVATION +0.117
	3.550		427			3.737		425		
11	11.290	3.763		4.359		17.849	3.950		4.346	
	4.425		212			4.482		213		
	4.213		210			4.269		212		
	4.003		422			4.057		425		
12	12.641	4.214		4.781		12.808	4.269		4.771	
	4.315		144			4.580		145		B.M. 23-8
	4.171		142			4.435		145		AVALON BLVD AT ¼ PT. N. OF
	4.029		286			4.290		290		CARSON ST
13	12.515	4.172		6.067	68°	13.305	4.435		5.061	SEE F.B. 1325-149 FOR
										DESCRIPTION
		65.649					65.532			

F.B. 1325 PG. 217

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1395 PG. 218										

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY-WINDY Inst. No. 50010
Notes by R. HEMPFLING Time 1:45 To 2:35 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-8 To B.M. 23-7
Date 5-28-53
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
	5.666		139		#5	5.410		141		B.M. 23-8
	5.527		140			5.269		141		AVALON BLVD. AT ¼ PT. N. OF
	5.387		279			5.128		282		CARSON ST.
1	16.580	5.527		279	64°	15.807	5.269		282	SEE F.B. 1395-149 FOR DESC.
	5.266		212			5.210		214		
	5.054		212			4.996		210		⊼ E. LANE
	4.842		424			4.786		424		
2	15.162	5.054		.703		14.992	4.997		.706	
	5.107		215			4.920		212		
	4.892		213			4.708		213		
	4.679		428			4.495		425		
3	14.678	4.893		1.131		14.123	4.708		1.131	
	8.969		217			3.680		214		
	8.752		215			3.466		213		
	8.537		430			3.253		427		
4	26.260	8.752		1.561		10.399	3.466		1.558	
										B.M. 23-14 (L.A. Co. Eng. Dept.)
										AVALON BLVD & DOMINGUEZ
										CHANNEL
										SEE F.B. 1395-48 FOR DESC.
		24.227					18.440			

F.B. 1395 PG. 219

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY-WARM Inst. No. 50010
Notes by R. HEMPELING Time 1:45 to 2:35 Rod No. 5-6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 28-8 To B.M. 28-9
Date 5-28-53
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
	1.923	24.227	125	1.561		2.629	2.440	128	1.558	
	1.798		128			2.501		124		
?	1.670		253			2.377		252		
5.	5.391	1.797		1.814		22.507	2.502		1.810	
	5.019		124			5.230		126		
	4.895		125			5.104		124		
	4.770		249			4.980		250		
6.	14.684	4.895		2.063		15.314	5.105		2.060	
	5.534		215			5.347		224		
	5.369		214			5.123		222		
	5.155		429			4.901		446		
7.	16.108	5.369		2.492		15.371	5.124		2.506	
	5.718		214			5.316		216		
	5.504		212			5.100		216		
	5.292		426			4.884		432		
8.	16.514	5.505		2.918		15.300	5.100		2.938	
	5.564		213			5.693		211		
	5.351		211			5.479		211		
	5.140		424			5.268		422		
9.	16.055	5.352		3.342		16.437	5.479		3.360	
		47.145					46.750			

F.B. 139 PG. 220

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY-WINDY Inst. No. 50016
Notes by R. HEADLING Time 1:45 to 2:35 Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 4922
From B.M. 23-8 To B.M. 23-7
Date 5-28-53
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
	5.322	47.145	223	3.342		5.520	46.755	208	3.360	
	5.099		217			5.312		207		
	4.880		442			5.105		415		
10	15.301	5.100		3.784		15.937	5.312		3.775	
	5.219		217			5.407		216		
	5.002		214			5.191		213		
	4.788		431			4.978		429		SUMMATION OF RDG
11	15.009	5.003		4.215		15.576	5.192		4.204	B.M. 23-8 TO B.M. 23-7
	5.581		213			5.361		213		TOTAL BACKSIGHTS = 68.008
	5.376		214			5.148		213		TOTAL FORESIGHTS = 68.135
	5.162		427			4.935		426		DIFF. IN ELEVATION = -0.127
12	16.127	5.376		4.642		15.324	5.108		4.620	
	5.598		214			5.382		209		B.M. 23-7
	5.384		210			5.173		209		AVALON BLVD.
	5.170		424			5.564		418		
13	16.152	5.384		5.070	64°	17.319	5.773		5.048	
		68.008					68.135			

F.B. 1372 PG. 321

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1395 PG. 222										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR-BREEZY Inst. No. 500.10
Notes by E. Landa Time 2:20 to 3:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-8 To B.M. 23-9
Date 5-27-53
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
	5390		220		#5	4221		212		B.M. 23-8
	5170		220			4009		212		CARSON AVALON BLVD & 4 PT. N. OF
	4950		220			3797		224		SEE F.B. 395-149
1	15510	5.170		440	71°	12027	4.009		424	FOR DESCRIPTION
	4335		213			4191		212		
	4122		211			3979		213		G.E. Dreier
	3911		222			3766		225		
2	12368	4.123		864		11936	3.979		869	
	4470		211			4038		213		
	4259		214			3825		214		
	4045		225			3611		227		
3	12774	4.258		1289		11474	3.825		1276	
	7010		211			5130		213		
	6799		211			4917		214		
	6588		222			4703		227		
4	20397	6.799		1711		14750	4.917		1703	
	5735		213			4251		212		
	5522		211			4039		211		
	5311		224			3828		223		
5	16568	5.523		2135		12118	4.039		2126	
	25.873					20.769				

F.B. 1395 PG. 223

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather BREEZY - CLEAR Inst. No. 50010
Notes by E. Landa Time 2:20 to 3:00 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-8 To B.M. 23-9
Date 5-27-53
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
	6965	25.873	213	2135		4490	20.769	213	2126	
	6752		213			4267		213		Summation of Run
	6539		426			4054		426		B.M. 23-8 to B.M. 23-9
6	20256	6.752		2561		12801	6.267		2552	
	5639		212			4513		216		
	5427		216			4300		211		Total Backsights = + 49.252
	5213		426			4089		425		Total Foresights = - 40.343
7	16279	5.426		2957		12903	4.301		2977	Diff. in Elev. = + 9.139
	5746		225			5022		225		
	5521		221			4797		225		
	5300		446			4572		450		
8	16567	5.522		3433		14391	4.797		3427	
	6137		228			6331		222		B.M. 23-9
	5909		227			6109		222		Avalon Blvd. & Carson St.
	5682		455			5887		444		See F.B. 1395 - 150
9	17728	5.909		3888		18627	6.209		3871	for description
		49.252					40.343			

F.B. 1395 PG. 224

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Cloudy Inst. No. 50010
Notes by E. Larson Time 11:15 to 12:00 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-9 To B.M. 23-8
Date 5-28-53
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
	5822		223		#5	5551		222		B.M. 23-9
	5619		221			5329		224		Avalon Blvd. & Carson St.
	5398		444			5105		446		See F.B. 1895-150
1	16859	5.620		444	65°	15985	5.328		446	for description
	5268		226			5797		225		
	5042		225			5572		224		G.E. Dreier
	4817		451			5348		449		
2	15127	5.042		895		17317	5.772		895	
	4527		214			5882		215		
	4313		213			5232		213		
	4100		427			5019		428		
3	12940	4.313		1322		15698	5.233		1323	
	4605		212			7291		212		
	4393		211			7079		214		
	4182		423			6865		426		
4	13180	4.393		1745		21235	7.078		1747	
	4130		212			5611		213		
	3922		212			5398		215		
	3710		424			5183		428		
5	11766	3.922		2169		16192	5.397		2177	
		23.290					28.809			

F.B. 1895 PG. 225

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Cloudy Inst. No. 50010
Notes by E. Langa Time 11:15 to 12:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-9 To B.M. 23-8
Date 5-28-53
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
	5088	23.290	213	2169		6971	23.808	211	2177	
	4875		215			6760		211		
	4660		428			6549		422		
6	14623	4.874		2597		20280	6.760		2599	
	4105		213			4533		210		
	3892		213			4323		210		Summation of Run
	3679		426			4113		420		B.M. 23-9 to B.M. 23-8
7	11676	3.892		3023		12969	4.323		3019	
	4811		209			4968		218		Total Backsights = +41.404
	4602		209			4750		214		Total Foresights = -50.545
	4393		418			4536		432		Diff. in Elev. = -9.141
8	13806	4.602		3441		14254	4.751		3451	
	4959		213			6119		216		B.M. 23-8
	4746		213			5903		215		Avalon Blvd. & 4 Ft. N. of Carson
	4533		426			5618		431		See F.B. 1395-149
9	14238	4.746		3867		17710	5.903		3882	for description
		41.404					50.545			

F.B. 1395 PG. 226

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: G.E. Dreier Weather: Cloudy Inst. No.: 50010
Notes by: E. Landa Time: 8:30 to 9:05 Rod No.: 5 & 6

Name: L.A. CO. PRECISE LEVEL NET
Job No.: 2923
From: B.M. 23-9 To: B.M. 23-10
Date: 5-28-53
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
	6543		216		#6	5271		223		B.M. 23-9
	6332		212			5048		224		Avalon Blvd. & Carson St
	6120		428			4824		447		See F.B. 1395-150
1	12920	6.333		428	59°	10543	5.025		447	for description
	5358		215			4875		214		
	5143		211			4661		212		⊼ G.E. Dreier
	4932		426			4449		426		
2	15433	5.144		854		13985	4.662		873	
	5606		213			5093		213		
	5393		213			4880		213		
	5180		426			4667		426		
3	16179	5.393		1280		14640	4.880		1299	
	6690		213			4295		214		
	6477		212			4081		213		
	6265		425			3871		427		
4	19432	6.477		1705		12253	4.084		1726	
	6520		212			4171		213		
	6308		213			3958		215		
	6095		425			3743		428		
5	18923	6.308		2130		11872	3.957		2154	
		29.655					22.43			

F.B. 1395 PG. 227

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Cloud Inst. No. 50610
Notes by E. Landa Time 8:30 to 9:05 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-9 To B.M. 23-10
Date 5-28-53
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
	6099	29.655	212	2130		5082	29.631	212	2154	
	5887		214			4870		213		
	5673		426			4657		425		
6	17659	5.886		2556		14609	4.870		2579	
	5772		221			5135		214		
	5551		218			4971		212		
	5333		439			4759		426		
7	16656	5.552		2995		14915	4.972		3005	
	5619		211			5113		215		Description of Line
	5408		212			4898		216		[illegible] 23-9 to B.M. 23-10
	5196		423			4682		431		
8	16223	5.408		3418		14693	4.898		3436	
	5542		150			5319		142		Total Backsight [illegible] 57.695
	5392		152			5177		144		Total [illegible] 48.[illegible]
	5240		302			5033		286		[illegible] 3.[illegible]
9	16174	5.391		3720		15529	5.176		3722	
	5749		147			6327		155		B.M. 23-10
	5602		145			6172		152		Avalon Blvd. & 223rd St.
	5457		292			6020		307		See F.B. 1395-121
10	16808	5.603		4012	58°	18519	6.173		4029	for description
		51.495					49.120			

F.B. 1395 PG. 228

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: G.E. Dreier Weather: Cloudy Inst. No.: 50010
Notes by: E. Landa Time: 10:35 to 11:15 Rod No.: 5 E.C.

Name: L.A. CO. PRECISE LEVEL NET
Job No.: 4923
From: B.M. 23-10 To: B.M. 23-9
Date: 5-25-53
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
	6262		154		#5	5678		146		B.M. 23-10
	6108		155			5532		144		Avalon Blvd & 223rd St.
	5953		309			5388		290		See F.B. 1395-151
1	18323	6.108		309	64°	16598	5.533		293	for description
	5327		149			5543		146		
	5178		147			5397		146		⊼ G.E. Dreier
	5031		296			5251		292		
2	15536	5.179		605		16191	5.397		582	
	5158		218			5659		211		
	4940		214			5448		213		
	4726		432			5235		424		
3	14824	4.941		1037		16342	5.447		1006	
	5052		212			5642		219		
	4840		212			5423		221		
	4628		424			5202		440		
4	14520	4.840		1461		16267	5.422		1446	
	4883		213			5895		212		
	4670		212			5683		213		
	4458		425			5470		425		
5	14011	4.670		1886		17048	5.683		1871	
		25.738					27.482			

F.B. 1395 PG. 229

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Onerion Weather Sunny Inst. No. 50010
Notes by E. Landa Time 1035 to 1125 Rod No. 5 E6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-10 To B.M. 23-9
Date 5-28-53
Indexed L. 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
	4171	5.138	210	1880		6532	6.082	218	1871	
	5961		211			6312		216		
	3750		421			6098		432		
6	11882	3.961		2307		18942	6.313		2305	
	4311		213			6699		212		Summation of Run
	4098		216			6487		212		B.M. 23-10 to B.M. 23-9
	3882		429			6275		424		
7	12291	4.097		2736		19461	6.487		2727	
	5722		217			6232		215		Total Backsights = + 49.506
	5505		215			6017		216		Total Foresights = - 58.274
	5290		432			5803		429		Diff. in Elev = - 8.768
8	16517	5.506		3168		18052	6.017		3156	
	5245		213			5929		217		
	5232		213			5712		215		
	5019		426			5497		432		
9	15696	5.232		3594		17138	5.713		3588	
	5192	4.932	220			6479		218		B.M. 23-9
	4972		220			6261		216		Avalon Blvd. & Carson St.
	4752		440			6045		434		See F.B. 1375 - 150
10	14916	4.972		4034	65°	18785	6.262		4022	for description
		49.506					58.274			

F.B. 1375 PG. 220

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather DRIZZLING Inst. No. 50010
Notes by G. E. DREIER Time 9:10 TO 9:55 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-10 To B.M. 23-11
Date 5-28-52
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
	6.557		217		#6	4.712		214		B.M. 23-11
	6.340		213			4.498		215		AVALON BLVD & 223RD ST
	6.127		430			4.283		429		SEE F.B. 1335-151
1	19.024	6.341		430	58°	13.493	4.498		429	FOR DESCRIPTION
	5.467		215			4.557		215		
	5.252		214			4.342		212		T. E. LANDA
	5.038		429			4.130		427		
2	15.757	5.252		859		13.029	4.343		856	
	5.621		213			4.502		212		
	5.408		211			4.290		212		
	5.197		424			4.078		424		
3	16.226	5.409		1.283		12.870	4.290		1.280	
	5.691		213			4.354		215		
	5.478		213			4.139		216		
	5.265		426			3.923		431		
4	16.434	5.478		1.709		12.416	4.139		1.711	
	5.860		212			4.548		216		
	5.648		213			4.332		212		
	5.435		425			4.120		428		
5	16.943	5.648		2.134		13.000	4.333		2.139	
		28.128					21.603			

F.B. 1335 PG. 231

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather DRIZZLE Inst. No. 50010
Notes by G.E. DREIER Time 9.10 TO 9.55 Rod No. 5-26

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-10 To B.M. 23-11
Date 5-28-53
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
	5.753	28.128	213	2.134		4.717	21.603	216	2.139	
	5.540		210			4.501		213		
	5.330		423			4.288		429		
6	16.623	5.541		2.557		13.506	4.502		2.568	
	5.723		213			5.178		216		
	5.510		212			4.962		212		
	5.298		425			4.750		428		
7	16.531	5.510		2.982		14.890	4.965		2.996	
	5.757		214			5.210		215		
	5.543		212			4.995		214		
	5.331		426			4.781		429		
8	16.631	5.544		3.408		14.986	4.995		3.425	
	5.366		211			5.501		216		
	5.155		211			5.285		215		
	4.944		422			5.070		431		
9	15.465	5.155		3.830		15.856	5.285		3.856	
	4.437		217			4.843		210		
	4.220		215			4.633		209		
	4.005		432			4.424		419		
10	12.662	4.221		4.262		13.900	4.633		4.275	
		54.099					45.981			

F.B. 1395 PG. 232

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-10 To B.M. 23-11
Date 5-28-53
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
	5.015	5.099	214	4.262		4.825	4.981	206	4.275	
	4.801		213			4.619		206		
	4.588		427			4.413		412		
11	14.404	4.801		4.689		13.857	4.619		4.687	
	5.225		184		+6	5.616		185		B.M. 23-11
	5.041		182			5.431		181		AVALON BLVD & BAYPORT ST
	4.859		366			5.250		366		SEE F.B. 1395-152
12	15.125	5.042		5.055	63°	16.297	5.432		5.053	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 23-10 TO B.M. 23-11
										TOTAL BACKSIGHTS + 63.942
										TOTAL FORESIGHTS - 56.032
										DIFF IN ELEVATION + 7.910
										F.B. 1395 PG. 233
		63.942					56.032			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1395 PG. 234										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 9:55 TO 11:10 Rod No. 586

Name L.A. CO. PRECIS. LEVEL NET
Job No. 4923
From B.M. 23-11 To B.M. 23-10
Date 5-28-53
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
	5.703		183		#5	5.315		185		B.M. 23-11
	5.520		180			5.130		182		AVALON BLVD & BAYPORT ST
	5.340					4.948		367		SEE F.B. 1395-152
1	16.563	5.521	363	.363	66°	15.393	5.131		367	FOR DESCRIPTION
	4.759		210			4.939		209		
	4.549		209			4.730		211		T E. LANDA
	4.340		419			4.519		420		
2	13.648	4.549		.782		14.188	4.729		.787	
	4.881		211			4.468		213		
	4.670		211			4.255		213		
	4.459		422			4.042		426		
3	14.010	4.670		1.204		12.765	4.255		.213	
	5.363		216			5.233		213		
	5.147		214			5.020		211		
	4.933		430			4.809		424		
4	15.443	5.148		1.634		15.062	5.021		1.637	
	5.214		215			5.757		214		
	4.999		213			5.543		212		
	4.786		428			5.331		426		
5	14.999	5.000		2.062		16.631	5.544		2.063	
		24.888					24.680			

F.B. 1395 PG. 235

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 9:55 TO 11 Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-11 To B.M. 23-10
Date 5-28-53
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
	5.145	24.888	215	2.062		5.691	24.680	212	2.063	
	4.930		215			5.479		212		
	4.715		430			5.267		424		
6	14.790	4.930		2.492		16.437	5.479		2.487	
	4.772		214			5.808		214		
	4.558		215			5.594		211		
	4.343		429			5.383		425		
7	13.673	4.558		2.921		16.785	5.595		2.912	
	4.608		216			5.922		212		
	4.392		212			5.710		211		
	4.180		428			5.499		423		
8	13.180	4.393		3.349		17.131	5.710		3.335	
	4.631		215			5.966		214		
	4.416		213			5.752		212		
	4.203		428			5.540		426		
9	13.250	4.417		3.777		17.258	5.753		3.761	
	4.572		214			5.691		211		
	4.358		212			5.480		211		
	4.146		426			5.269		422		
10	13.076	4.359		4.203		16.440	5.480		4.183	
		47.545					52.697			

F.B. 1395 PG. 236

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 9.55 TO 11.10 Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-11 To B.M. 23-10
Date 5-28-53
Indexed L. 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
	4.692	4.545	214	4.~~198~~ 203		5.599	5.269	214	4.188 3	
	4.478		215			5.355		214		
	4.263		429			5.171		428		
11	13.433	4.478		4.6~~27~~ 32		16.155	5.385		4.6~~16~~ 11	
	4.840		210			6.691		216		B.M. 23-10
	4.630		210			6.475		215		AVALON BLVD & 223RD ST.
	4.420		420			6.260		431		SEE F.B. 1395-151
12	13.890	4.630		5.0~~47~~ 52		19.426	6.475		5.04~~7~~ 2	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 23-11 TO B.M. 23-10
										TOTAL BACKSIGHTS + 56.653
										TOTAL FORESIGHTS - 64.557
										DIFF IN ELEVATION - 7.904
										F.B. 1395 PG. 237
		56.653					64.557			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1375 PG. 238										

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPELING Time 9:25 TO 10:05 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4922
From B.M 23-11 To B.M 23-12
Date 5-29-53
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
	6.510		214		#5	5.107		213		B.M 23-11
	6.298		216			4.894		211		AVALON BLVD. & BAYPORT ST.
	6.082		430			4.683		424		SEE F.B 1395-152
1.	18.892	6.297		430	66°	14.684	4.895		424	FOR DESCRIPTION
	5.203		212			4.582		218		
	4.991		213			4.369		211		T. E. LANDA
	4.778		425			4.158		424		
2.	14.972	4.991		.855		13.109	4.370		.848	
	4.782		213			5.001		213		
	4.569		212			4.788		213		
	4.357		425			4.575		426		
3.	13.708	4.569		1.280		14.364	4.788		1.274	
	4.928		216			4.843		213		
	4.712		212			4.630		210		
	4.500		428			4.420		423		
4.	14.140	4.713		1.708		13.893	4.631		1.697	
	5.172		210			4.742		210		
	4.962		207			4.532		208		
	4.755		417			4.324		418		
5.	14.889	4.963		2.125		13.598	4.533		2.115	
		25.538					23.217			

F.B. 1395 PG. 239

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPELING Time 9:25 to 10:05 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-11 To B.M. 23-12
Date 5-29-53
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
	5.104	25.533	212	2.125		4.953	23.217	213	2.115	
	4.892		210			4.740		211		
	4.682		202			4.529		204		
6.	14.678	4.895		2.547		14.222	4.741		2.539	
	4.811		191			4.992		213		
	4.620		190			4.779		210		
	4.430		381			4.569		423		SUMMATION OF RUN
7.	13.861	4.620		2.928		14.340	4.780		2.962	B.M. 23-11 TO B.M. 23-12
	5.321		142			5.672		131		TOTAL BACKSIGHTS = + 45.116
	5.179		139			5.541		130		TOTAL FORESIGHTS = - 43.306
	5.040		281			5.411		261		DIFF. IN ELEVATION = + 1.810
8.	15.540	5.180		3.209		16.624	5.541		3.223	
	5.025		135			5.160		133		B.M. 23-12 (L.A. CITY 37-H)
	4.890		135			5.027		132		AVALON BLVD. + SEPULVEDA BLVD
	4.755		270			4.895		265		SEE F.B. 1395-153
9.	14.670	4.890		3.479	72°	15.082	5.027		3.488	FOR DESCRIPTION
		45.116					43.306			

F.B. 1395 PG. 240

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather PART-CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 10:20 TO 11:00 Rod No. 586

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 23-12 To B.M. 23-11
Date 6-1-53
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		131		#6	4.975		128		B.M. 23-12 (CITY OF L.A. # 37-H)
	4.988		132			4.847		128		AVALON BLVD. & SEPULVEDA BLVD
	4.856		.263			4.719		.256		SEE F.B. 1335-159
1	14.963	4.988		.263	68°	14.541	4.847		.256	FOR DESCRIPTION
	5.709		140			5.339		134		
	5.569		140			5.205		133		↑ E. LANDA
	5.429		280			5.072		267		
2	11.707	5.569		.543		15.616	5.205		.523	
	5.215	10.557	~~213~~ 203			5.059	10.052	205		AVALON & 238th PL S.W. COR
	5.012		200			4.854		200		L.& N. 1.5' S. OF S. END C.R
	4.812		403			4.650		409		PAINTED "B.M."
3	15.039	5.013		.936		14.563	4.854		.932	
	5.003		208			5.164		216		
	4.795		208			4.948		215		
	4.587		416			4.732		431		
4	14.385	4.795		1.372		14.845	4.948		1.363	
	4.808		209			5.233		210		AVALON BLVD & 104TH AVE.
	4.599		209			5.023		211		S.W. COR, L.& T, 1.5' S. OF
	4.390		418			4.812		421		S. END C.R. PAINTED B.M.
5	13.797	4.599		.790		15.068	5.023		1.784	
	24.964					24.877				

F.B. 1335-159 PG. 241

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather PART C [illegible] Inst. No. 50010
Notes by G. E. DREIER Time 10:20 70 [illegible] Rod No. 5 86

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-12 To B.M. 23-11
Date 6-1-5[illegible]
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
	4807	24.964	214	1780		4.888	[illegible].877	216	1784	
	4593		211			4.672		212		
	4382		425			4460		428		
6	13.782	4.594		2205		14.020	[illegible]73		2,212	
	5.024		212			4.7[illegible]		214		SUMMATION OF RUN
	4.812		212			4.5[illegible]		212		B.M. 23-12 TO B.M. 23-11
	4.600		424			4.373		426		TOTAL BACKSIGHTS + 43.192
7	14.436	4.812		2,629		13.757	[illegible]86		2,638	TOTAL FORESIGHTS - 44.977
	4543		213			5162		212		DIFF IN ELEVATION - 1.785
	4330		213			4,950		211		
	4120		423			4.739		423		
8	12,993	4331		3,062		14.851	4.[illegible]50		3,059	
	4.702		210			6,103		212		B.M. 23-11
	4492		212			5.891		212		AVALON BLVD & BAYPORT ST.
	4,280		422			5.679		424		SEE F.B. 1395 - 152
9	13.474	4.491		3,484		17.673	5.[illegible]		3,485	FOR DESCRIPTION
		43.192					44.977			

F.B. 1395 PG. 242

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather PART-CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO Rod No. 506

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-11 To B.M. 23-12
Date 6-1-53
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
	6.180		213		75	4.777		213		B.M. 23-11
	5.967		215			4.564		212		AVALON BLVD & BAYPORT ST
	5.752		428			4.352		425		SEE F.B. 1395-152
1	17.899	5.966		428	67°	13.693	4.564		425	FOR DESCRIPTION
	5.166		213			4.548		216		
	4.953		210			4.332		212		
	4.743		423			4.120		428		T. E. LANDA
2	14.862	4.952		851		13.000	4.333		853	
	4.773		214			4.995		212		
	4.559		210			4.783		214		
	4.349		424			4.569		426		
3	13.681	4.560		1.275		14.347	4.782		1.279	
	4.902		213			4.821		215		
	4.687		215			4.606		211		
	4.472		428			4.395		426		
4	14.059	4.686		1.703		13.822	4.607		1.705	
	5.173		208			4.747		209		
	4.965		208			4.538		210		
	4.757		416			4.328		419		
5	14.895	4.965		2.119		13.613	4.538		2.124	
		25.131					22.824			

F.B. 1395 PG. 243

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR [illegible] Inst. No. [illegible]
Notes by G. E. DREIER Time [illegible] TO [illegible] Rod No. 5[illegible]6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 23-11 To B.M. 23-12
Date 6-1-53
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
	5161	25131	211	2119		5069	[illegible]	212	2124	
	4950		211			4797		215		
	4739		422			4582		427		
6	14850	4950		2541		14588	[illegible]		2551	
	5188		191			5367		216		SUMMATION OF RUN
	4997		190			5153		213		B.M. 23-11 TO B.M. 23-12
	4807		381			[illegible]		429		TOTAL BACKSIGHTS + 45368
7	14992	4997		2922		15456	[illegible]		2980	TOTAL FORESIGHTS + 45564
	5287		145			5634		127		DIFF IN ELEVATION + 1.804
	5144		144			5507		128		
	5050		289			5379		255		
8	16433	5144		3211		16520	[illegible]		3255	
	5281		134			5408		124		B.M. 23-12 (CITY [illegible] "37H" BLVD.
	5147		136			[illegible]		122		AVALON BLVD & SEPULVEDA
	[illegible]		270			[illegible]		246		SEE F.B. [illegible]
9	15439	5146		3481	68°	15854	[illegible]		3481	FOR [illegible]
F.B. 295 PG. 244										
		45368					[illegible]64			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR - WINDY Inst. No. 50010
Notes by G. E. DREIER Time 11:45 TO 1:45 Rod No. 586

Name L.A. CO PRECISE LEVEL NET
Job No. 4923
From B.M. 23-12 To B.M. 23-11
Date 6-1-53
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
	5090		132		#6	4950		130		B.M. 23-12 (CITY OF L.A. T 37-H)
	4958		129			4820		129		AVALON BLVD & SEPULVEDA BLVD
	4829		261			4691		259		SET F.B. 1375-153
1	14.877	4.959		.261	67°	14.461	4.820		.259	FOR DESCRIPTION
	5376		139			5302		132		
	5237		137			5170		132		
	5100		276			5038		264		T E. LANDA
2	15.613	5.538		.537		15.510	5.170		.523	
	5165		202			5009		206		
	4963		198			4803		202		
	4765		400			4601		408		
3	14.893	4.964		.937		14.413	4.804		.831	
	4966		214			5117		213		
	4752		213			4904		211		
	4539		427			4693		424		
4	14.257	4.752		1.364		14.714	4.905		1.355	
	4695		211			5120		207		
	4484		207			4913		207		
	4277		418			4706		414		
5	13.456	4.485		1.782		14.739	4.913		1.765	
		24.698					24.612			

F.B. 1375 PG. 245

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather PART. CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 11:45 TO 1:45 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4928
From B.M. 23-12 To B.M. 23-11
Date 6-1-53
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
	4840	24.698	212	1.782		4920	24.613	213	1.765	
	4628		215			4707		212		
	4413		427			4494		426		
6	13881	4.627		2.209		14121	4.707		2.195	
	5013		209			4795		218		
	4804		209			4577		217		
	4595		418			4360		435		
7	14413	4.804		2.627		13732	4.577		2.653	
	4542		213			5162		212		
	4329		214			4950		210		
	4115		427			4740		422		
5	12986	4.329		3.054		14852	4.951		3.052	
	4687		211			6091		214		B.M. 23-11
	4476		211			5877		214		AVALON BLVD & 84TH ST
	4265		422			5663		428		SEE F.B. 1395-153
9	13428	4.476		3.476	67°	17631	5.877		3.480	FOR DESCRIPTION
F.B. 1395 PG. 246										SUMMATION OF RUN B.M. 23-12 TO B.M. 23-11
										TOTAL BACKSIGHTS + 42.934
										TOTAL FORESIGHTS - 44.724
		42.934					44.724			DIFF IN ELEVATION - 1.790

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Part Cloudy Inst. No. 50010
Notes by E. Landa Time 1:50 to 2:25 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-11 To B.M. 23-12
Date 5-1-53
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
	6207		211		#5	4803		210		B.M. 23-11
	5996		214			4593		212		Avalon Blvd. & Bayport St.
	5782		425			4381		422		See F.B. 1395-152
1	17985	5995		425	67°	13777	4.592		422	for description
	5190		211			4568		213		
	4979		212			4355		212		⊼ G.E. Dreier
	4767		423			4143		425		
2	14936	4.979		848		13066	4.355		847	
	4823		212			5045		214		
	4611		212			4831		211		
	4399		424			4620		425		
3	13833	4.611		1272		14496	4.832		1272	
	4823		212			4740		211		
	4611		212			4529		215		
	4399		424			4314		426		
4	13833	4.611		1696		13583	4.528		1698	
	5097		208			4669		210		
	4889		210			4459		210		
	4679		418			4249		420		
5	14665	4.888		2114		13377	4.459		2118	
		25.084					22.766			

F.B. 1395 PG. 247

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Part Cloudy Inst. No. 50010
Notes by E. Landa Time 1:50 to 2:15 Rod No. 566

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 23-11 To B.M. 23-12
Date 5-1-53
Indexed [illegible]

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
	5127	25.082	212	2114		4973	24.762	211	2118	
	4913		211			4762		211		
	4702		422			4551		422		
6	14742	4.914		2539		14286	4.762		2540	
	4847		202			5002		201		
	4643		201			4801		203		Summation of Run
	4442		405			4598		402		B.M. 23-11 to B.M. 23-12
7	13932	4.644		2944		14401	4.800		2944	
	5337		135			5701		136		Total Backsights = + 44.7~~78~~ 51
	5202		133			5565		136		Total Foresights = - 42.938
	5069		268			5429		272		Diff. in Elev. = + 1.~~780~~ 813
8	15608	5.203		3212		16695	5.565		3216	
	5039		133			5173		128		B.M. 23-12 (L.A. City 37-H)
	4906		133			5045		128		Avalon Blvd. & Lomita Blvd.
	4773		266			4917		256		See F.B. 1395-153
9	14718	4.906		3478	66°	15135	5.045		3472	for description
		44.7~~78~~ 51					42.938			

F.B. 1395 PG. 248

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Part Cloudy Inst. No. 50010
Notes by E. Landa Time 2:25 to 2:55 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-12 To B.M. 23-11
Date 5-1-53
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
	5099		130			4963		132		B.M. 23-12 (L.A. Sig. 37-H)
	4969		129			4831		132		Avalon Blvd. & Sepulveda Blvd
	4840		259			4699		264		See F.B. 1395-153
1	4908	4.969		259	65°	14493	4.831		264	for description
	5128		137			5362		134		
	5591		139			5228		133		G. E. Dreier
	5452		276			5095		267		
2	16771	5.590		535		15685	5.228		531	
	5210		200			5053		202		
	5010		200			4851		202		
	4810		400			4649		404		
3	15030	5.010		935		14553	4.851		935	
	4970		212			5121		210		
	4758		211			4911		214		
	4547		423			4697		424		
4	14275	4.758		1358		14729	4.910		1359	
	4694		209			5120		209		
	4485		206			4911		209		
	4279		415			4702		418		
5	13458	4.486		1773		4733	4.911		1777	
		24.813					24.731			

F.B. 1395 PG. 249

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Cloudy Inst. No. 50010
Notes by E. Lancia Time 2:25 to 2:55 Rod No. 556

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-12 To B.M. 23-11
Date 5-1-53
Indexed [illegible]

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
	2778	2.813	213	1773		2862	2.731	211	1777	
	2565		213			2651		213		
	2352		224			2438		224		
6	13695	2.565		2199		13951	2.650		2201	
	2999		211			2776		213		
	2788		210			2563		212		Summation of Run
	2578		221			2351		225		B.M. 23-12 to B.M. 23-11
7	12365	2.788		2620		13690	2.563		2626	
	2583		215			2602		212		Total Backsights = + 23.074
	2368		213			2990		211		Total Foresights = - 22.872
	2155		228			2779		223		Diff. in Elev. = - 1.802
8	13106	2.369		3068		16971	2.990		3029	
	2750		211			6155		214		B.M. 23-11
	2539		210			5941		212		Avalon Blvd. & Bayport St.
	2329		221			5729		226		See F.B. 1395-152
9	13618	2.539		3269	65°	17825	2.782		3275	for description
		23.274					22.872			

F.B. 1395 PG. 250

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO Rod No. 556

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-12 To B.M. 23-11
Date 6-2-53
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
	5.350		130		#5	5.211		130		B.M. 23-12 (City L.A. [illegible])
	5.220		128			5.081		129		AVALON BLVD & SEPULVEDA BLVD
	5.092		255			4.952		259		SEL. F.B. 1395-153
1	15.662	5.221		258	63°	15.244	5.081		259	FOR DESCRIPTION
	5.704		140			5.336		134		
	5.564		138			5.202		131		
	5.426		278			5.071		265		T. E. LANDA
2	16.694	5.565		536		15.609	5.203		524	
	5.069		201			4.848		207		
	4.868		199			4.651		203		
	4.609		400			4.448		410		
3	14.436	4.812		935		13.957	4.652		934	
	4.933		214			5.083		212		
	4.719		212			4.871		212		
	4.507		426			4.659		422		
4	14.159	4.720		1.362		14.613	4.871		1.358	
	4.748		210			5.172		207		
	4.538		209			4.965		208		
	4.329		419			4.757		415		
5	15.615	4.538		1.781		14.894	4.965		1.775	
		24.853					24.772			

F.B. 1395 PG. 251

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-12 To B.M. 23-11
Date 6-2-53
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
	4.820	24.853	214	1.781		4.903	21.772	213	1.773	
	4.606		213			4.690		213		
	4.393		427			4.477		426		
6	13.819	4.606		2.208		14.070	4.690		2.199	
	4.980		212			4.757		214		
	4.768		211			4.543		210		
	4.557		423			4.333		424		
7	14.305	4.768		2.629		13.633	4.544		2.623	
	4.587		216			5.207		213		
	4.371		212			4.994		212		
	4.159		428			4.782		425		
8	13.117	4.372		3.055		14.983	4.994		3.043	
	4.707		212			6.111		214		B.M. 23-11
	4.495		210			5.897		213		AVALON BLVD & BAYPORT ST
	4.285		422			5.684		427		SEE F.B. 1795-152
9	13.487	4.496		3.479	65°	17.692	5.897		3.477	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 23-12 TO B.M. 23-11
										TOTAL BACKSIGHTS +43.095
										TOTAL FORESIGHTS -44.897
		43.095					44.897			DIFF IN ELEVATION -1.802

F.B. 1395 PG. 252

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 10:30 Rod No. 5 #6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-11 To B.M. 23-12
Date 6-2-53
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
	6.156		215		#5	4.750		213		B.M. 23-11
	5.941		212			4.537		209		AVALON BLVD & BAYPORT ST
	5.729		427			4.328		422		SEE F.B. 1395-152
1	17.826	5.942		427	65	13.615	4.538		422	FOR DESCRIPTION
	5.141		212			4.520		213		
	4.929		212			4.307		210		TO E. LANDA
	4.717		424			4.097		423		
2	14.787	4.929		851		12.924	4.308		845	
	4.741		211			4.969		214		
	4.530		212			4.755		212		
	4.318		423			4.543		426		
3	13.589	4.532		1.274		14.267	4.756		1.271	
	4.950		215			4.865		213		
	4.735		213			4.652		212		
	4.522		428			4.440		425		
4	14.207	4.736		1.702		13.957	4.652		1.696	
	5.155		208			4.728		209		
	4.947		208			4.519		209		
	4.739		416			4.310		418		
5	14.841	4.947		2.118		13.557	4.519		2.114	
		25.084					22.773			

F.B. 1395 PG. 253

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 1030 Rod No. 596

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 23-11 To B.M. 23-12
Date 6-2-58
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
	5.138	25.084	212	2.118		4.989	23.973	216	2.110	
	4.926		211			4.773		212		
	4.715		423			4.561		428		
6	14.779	4.926		2.541		14.323	[illegible]		2.502	
	4858		206			5.011		201		
	4652		203			4.810		198		
	4.449		409			4.612		399		
7	13.959	4.653		2.950		12.433	4.811		2.941	
	5.337		136			5.700		137		
	5.201		132			5.563		135		
	5.069		268			5.428		272		
8	15.607	5.202		3.218		16.691	5.564		3.213	
	5.271		130			5.400		129		B.M. 23-12 CITY OF L.A. 57
	5.141		129			5.271		125		AVALON BLVD & SEPULVEDA BLVD.
	5.012		259			5.146		254		SEE F.B. 1395-153
9	15.424	5.141		3.477	66°	15.847	5.282		3.467	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 23-11 TO B.M. 23-12
										TOTAL BACKSIGHTS + 45.006
										TOTAL FORESIGHTS - 43.204
		45.006					43.204			DIFF IN ELEVATION + 1.802

F.B. 1395 PG. 254

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPELING Time 10:10 to 11:10 Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-12 To B.M. 23-13
Date 5-29-53
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
	4.682		217		#5	5.666		223		B.M. 23-12 (L.A. CITY 27-H)
	4.465		215			5.443		221		AVALON BLVD. & SEPULVEDA BLVD.
	4.250		432			5.222		444		SEE F.B. 1375-153
1.	13.397	4.466		432	72°	16.331	5.444		444	FOR DESCRIPTION
	5.244		215			5.532		215		
	5.029		212			5.317		214		T. E. LANDA
	4.817		427			5.103		429		
2.	15.090	5.030		.859		15.952	5.317		.873	
	5.340		215			5.827		214		
	5.125		212			5.613		213		
	4.913		427			5.401		426		
3.	15.378	5.126		1.286		16.841	5.614		1.279	
	5.844		216			3.432		212		
	5.628		213			3.220		209		
	5.415		429			3.011		421		
4.	16.887	5.629		1.715		9.663	3.221		1.720	
	7.252		213			4.300		214		
	7.039		209			4.086		213		
	6.830		422			3.873		427		
5.	21.121	7.040		2.137		12.259	4.086		2.147	
		27.291					23.682			

F.B. 1375 PG. 255

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPFLING Time 10:10 To 11:10 Rod No. 546

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-12 To B.M. 23-13
Date 5-29-53
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
	5.632	27.291	214	2.137		5.126	23.652	212	2.147	
	5.418		213			4.914		211		
	5.205		427			4.703		423		
6.	16.255	5.418		2.564		14.743	4.914		2.570	
	5.582		213			5.502		214		
	5.369		211			5.288		215		
	5.158		424			5.073		429		
7.	16.109	5.370		2.988		15.863	5.288		2.999	
	5.710		217			4.942		212		
	5.493		214			4.730		211		
	5.279		431			4.519		423		
8.	16.482	5.494		3.419		14.191	4.730		3.422	
	5.241		216			5.487		213		
	5.025		213			5.274		211		
	4.812		429			5.063		424		
9.	15.078	5.026		3.848		15.824	5.275		3.846	
	5.630		215			5.404		216		
	5.415		215			5.188		215		
	5.200		430			4.973		431		
10.	16.245	5.415		4.278		15.565	5.188		4.277	
		54.014					49.077			

F.B. 1325 PG. 256

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPFLING Time 10:10 TO 11:10 Rod No. 556

Name L.A. CO. PRECISE LEVEL NET
Job No. 2923
From B.M. 23-12 To B.M. 23-13
Date 5-29-53
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
	5.720	54.012	173	4.278		5.328	49.077	176	4.277	
	5.547		177			5.152		174		
	5.370		350			4.978		350		
11	16.637	5.546		4.628		15.458	5.153		4.627	
	5.844		185			4.919		187		B.M. 23-13 (L.A. CITY W.L.M. E-1?)
	5.659		187			4.732		184		AVALON BLVD. & LOMITA BLVD,
	5.472		372			4.548		371		SEE F.B.
12	16.975	5.658		5.000	67°	14.199	4.733		4.998	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 23-12 TO B.M. 23-13
										TOTAL BACKSIGHTS = + 65.218
										TOTAL FORESIGHTS = − 58.963
										DIFF. IN ELEVATION = +6.255
										F.B. 1325 PG. 257
		65.218					58.963			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 375 PG. 258										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50013
Notes by G. E. DREIER Time 9:30 TO 10:20 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 23-12 To B.M. 23-12
Date 6-1-52
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
	4.790		186		#6	5.721		186		B.M. 23-13 (CITY L.A. WILM. E-1?)
	4.604		184			5.535		184		AVALON BLVD & LOMITA BLVD
	4.420		370			5.351		370		SEE F.B. 1345-154
1	13.814	4.605		370	62°	16.607	5.536		370	FOR DESCRIPTION
	5.055		178			5.450		174		
	4.877		175			5.276		176		π E. LANDA
	4.705		353			5.100		350		
2	14.643	4.881		723		15.826	5.275		720	
	5.599		217			5.626		217		
	5.182		214			5.409		214		
	4.967		432			5.195		431		
3	15.548	5.183		1.155		16.230	5.410		1.151	
	5.453		213			5.203		213		
	5.240		211			4.990		213		
	5.029		424			4.777		426		
4	15.722	5.241		1.579		14.970	4.990		1.577	
	4.876		219			5.634		212		
	4.657		215			5.422		210		
	4.442		434			5.212		422		
5	13.975	4.655		2.013		16.268	5.423		1.949	
	24.568					26.634				

F.B. 1375 PG. 259

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 1:20 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4922
From B.M. 23-12 To B.M. 23-12
Date 6-1-53
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
	5.535	24.568	215	2.013		5.614	26.674	213	1.999	
	5.320		214			5.401		211		
	5.106		429			5.190		424		
6	15.961	5.320		2.442		16.205	402		2.423	
	5.189		211			5.698		218		
	4.978		209			5.480		216		
	4.769		420			5.264		434		
7	14.936	4.979		2.862		16.242	5.481		2.857	
	4.363		216			7.709		212		
	4.147		214			7.097		213		
	3.933		430			6.884		425		
8	12.443	4.148		3.292		21.290	7.097		3.282	
	3.413		215			5.813		211		
	3.198		213			5.602		210		
	2.985		428			5.392		421		
9	9.596	3.199		3.720		16.807	602		3.703	
	5.705		208			5.224		219		
	5.497		207			5.005		215		
	5.290		415			4.790		434		
10	16.492	5.497		4.135		15.019	5.006		4.137	
		47.711					55.222			

F.B. 1395 PG. 260

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G E DREIER Weather PART-CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 10:20 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 23-13 To B.M. 23-12
Date 6-1-53
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
	5.595	4.771	217	4.135		5.309	5.222	212	4.137	
	5.381		214			5.097		215		
	5.167		431			4.882		427		
11	16.146	5.352		4.566		15.288	5.096		4.564	
	5.849		222			4.860		213		B.M. 23-12
	5.627		220			4.647		214		AVALON BLVD [illegible] AVALON BLVD
	5.407		442			4.433		427		SEE FB 1395-[illegible]
12	16.883	5.628		5.008	65°	13.940	4.647		4.991	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 23-13 TO B.M. 23-12
										TOTAL BACKSIGHTS - 58.721 ✓ TOTAL FORESIGHTS - 64.965 ✓ DIFF IN ELEVATION - 6.244 ✓
		58.721					64.965			

F.B. 1395 PG. 261

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name E. 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. 1395 PG. 262

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPELING Time 11:15 to 12:10 Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 4.923
From B.M. 23-13 To B.M. 5-47
Date 5-29-53
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
	5.983		228		#5	5.778		215		B.M. 23-13 (L.A. CITY WLM E-1?)
	5.755		225			5.563		213		AVALON BLVD + LOMITA BLVD.
	5.530		453			5.350		428		SEE F.B.
1.	17.268	5.756		453	67°	16.691	5.564		428	FOR DESCRIPTION
	4.809		213			5.695		215		
	4.596		212			5.480		213		T E. LANDA
	4.384		425			5.267		428		
2.	13.789	4.596		.878		16.442	5.481		.856	
	4.608		215			5.328		216		
	4.393		211			5.112		212		
	4.182		426			4.900		428		
3.	13.183	4.394		1.304		15.340	5.113		1.284	
	5.382		210			5.123		216		
	5.172		207			4.907		217		
	4.965		417			4.690		433		
4	15.519	5.173		1.721		14.720	4.907		1.717	
	5.489		214			5.400		216		
	5.275		213			5.184		214		
	5.062		427			4.970		430		
5.	15.826	5.275		2.148		15.554	5.185		2.147	
		25.194					26.250			

F.B. 1395 - PG. 263

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPELING Time 11:15 to 12:00 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 23-13 To B.M. 5-47
Date 5-29-53
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
	4.938	25.194	155	2.148		6.347	25.250	156	2.147	
	4.783		152			6.197		150		
	4.631		307			6.047		300		
6.	14.352	4.784		2.455		18.591	6.197		2.447	
		29.978					31.447			T. P. #1 HEX BAR
	6.165		205			5.559		204		
	5.960		202			5.355		204		
	5.758		407			5.151		408		
7.	17.883	5.961		2.862		16.065	5.355		2.855	
		35.939					37.802			T. P. #2 HEX BAR
	5.853		213			5.413		216		
	5.640		211			5.197		215		
	5.429		424			4.982		431		
8.	16.922	5.641		3.286		15.592	5.197		3.286	
		41.580					42.999			

F.B. 1395 PG. 264

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. HEMPELING Time 11:15 to 12:10 Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 23-13 To B.M. 5-47
Date 5-29-53
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
	4.511	41.580	211	3.286		6.469	42.799	216	3.286	
	4.300		212			6.253		214		
	4.088		423			6.039		436		
9.	12.899	4.300		3.709		18.761	6.254		3.716	
	4.717		216			4.680		212		
	4.501		213			4.468		214		
	4.288		429			4.254		426		
10.	13.506	4.502		4.138		13.402	4.467		4.142	
	5.322		213			4.622		212		
	5.109		212			4.410		216		
	4.897		425			4.200		422		SUMMATION OF RUN
11.	15.328	5.109		4.563		13.232	4.411		4.564	B.M. 23-13 TO B.M. 5-47
	6.213		133			5.177		129		TOTAL BACKSIGHTS = + 65.465
	6.080		131			5.048		129		TOTAL FORESIGHTS = − 69.388
	5.949		264			4.919		258		DIFF. IN ELEVATION = − 3.923
12	18.242	6.081		4.827		15.144	5.048		4.822	
	4.623		130			6.341		131		B.M. 5-47 (L.A. CITY W.L.M. DI
	3.893		131			6.210		133		LOMITA BLVD. & MAIN ST.
	3.762		261			6.077		264		SEE F.B. 1205-44
13	11.678	3.893		5.088	71°	18.628	6.209		5.086	FOR DESCRIPTION
	65.165					49.388				

F.B. 1335 PG. 265

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 4928
From B.M. 23-13 To .....
Date .....
Indexed A. C. Johnson

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. 395 PG. 266										

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVER CAST Inst. No. 50010
Notes by G. E. DREIER Time 8:45 TO Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-47 To B.M. 23-13
Date 6-1-53
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
	6167		135		#5	3853		131		B.M. 5-47
	6032		132			3722		130		LOMITA BLVD & MAIN ST
	5900		267			3592		261		SEE F.B. 1206-44
1	18,099	6.033		267		11,167	3.722		261	FOR DESCRIPTION
	5045		130			6081		131		
	4915		131			5950		130		T E. LANZA
	4784		261			5820		261		
2	14,744	4.915		528		17,851	5.950		522	
	5124		213			5855		211		
	4941		212			5644		211		
	4729		425			5433		422		
3	14,824	4.941		953		16,932	5.644		944	
	4705		215			4700		213		
	4490		215			4527		214		
	4275		430			4313		427		
4	13,470	4.490		1,383		13,586	4.527		1,371	
	6464		215			4505		212		
	6249		217			4295		211		
	6032		432			4082		423		
5	18,745	6.248		1,815		12,880	4.293		1,794	
	26,627					24,136				

F.B. 1295 PG. 267

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 8:45 TO Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From 8-M-47 To 5-M 23-13
Date 6-1-53
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
	5.664	26.627	215	1.815		6.102	24.136	213	1.794	
	5.449		212			5.889		213		
	5.237		427			5.676		426		
6	16.350	5.450		2.242		17.667	5.889		2.220	
	5.523	32.077	198			[illegible]	30.025	211		
	5.325		195			5.930		209		LOMITA BLVD & NEPTUNE AVE
	5.130		393			5.921		420		3/4" HEX BAR SET IN CONC
7	15.978	5.326		2.635		17.792	5.931		2.640	ON ℄
	6.312	37.403	151			4.902	35.956	152		LOMITA BLVD &
	6.161		151			4.750		152		RAVENNA AVE ℄ INTER
	6.010		302			4.598		304		3/4 HEX BAR IN WELL
8	18.483	6.161		2.137		14.250	4.750		2.944	
	5.358		212			5.450		213		
	5.146		214			5.237		214		
	4.932		426			5.023		427		
9	15.436	5.145		3.363		15.710	5.237		3.371	
	4.961		213			5.229		214		
	4.748		214			5.015		213		
	4.534		427			4.802		427		
10	14.243	4.748		3.790		15.046	5.015		3.798	
		53.457					50.158			

F.B. 1395 PG. 268

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 8:45 TO 9:30 Rod No. 580

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-47 To B.M. 23-13
Date 6-1-53
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
	5.232	53.457	213	3.790		4.511	50.958	212	3.795	
	5.019		216			4.299		211		
	4.803		429			4.088		423		
11	15.054	5.018		4.219		12.898	4.299		4.221	
	5.709		216			4.823		213		
	5.493		215			4.610		212		
	5.280		429			4.398		425		
12	16.482	5.494		4.648		13.831	4.610		4.646	
	5.948		214			6.147		227		B.M. 23-13
	5.729		211			5.920		228		AVALON BLVD & LOMITA BLVD
	5.518		425			5.692		455		SEE F.B. 1295-154
13	17.190	5.730		5.073		17.759	5.920		5.101	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 5-47 TO B.M. 23-13
										TOTAL BACKSIGHTS = 69.698
										TOTAL FORESIGHTS = 65.787
										DIFF IN ELEVATION + 3.91
		69.698					65.787			

F.B. 1375 PG. 269

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1395 PG. 270										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Breezy-Clear Inst. No. 50010
Notes by E. Landa Time 1:50 to 2:25 Rod No. 5&6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 1923
From B.M. 23-12 To B.M. 5-46
Date 6-2-58
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
	5039		214		#5	5984		215		B.M. 23-13
	4825		212			5769		214		Avalon Blvd. & Lomita Ave
	4613		226			5555		429		SEE F.B. 1395-15
1	14477	4.826		426	75°	17303	5.769		429	for description
	5169		226			5517		213		
	4923		226			5304		211		⊼ G.E. Dreier
	4697		452			5093		424		
2	14769	4.923		878		15914	5.305		853	
	5092		214			4785		174		
	4878		215			4811		175		
	4663		429			4636		349		
3	14633	4.878		1307		14432	4.811		1202	
	6375		195			6015		229		
	6180		192			5786		231		
	5988		387			5555		460		
4	18543	6.181		1694		17356	5.785		1662	
	5225		212			6358		216		
	5013		212			6142		214		
	4801		424			5928		430		
5	15039	5.013		2118		18428	6.143		2092	
		25.821					27.813			

F.B. 1395 PG. 271

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather Breezy Clear Inst. No. 50010
Notes by E. Landa Time 1:50 to 2:25 Rod No. 556

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 23-13 To B.M. 5-46
Date 6-2-53
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
	4795	25.801	161	2118		6671	32.815	165	2092	B.M. 5-46
	4634		161			6506		165		Lomita Blvd. & Wilmington Ave
	4473		322			6341		330		See F.B. 1206-44
6	13902	4.634		2440		18918	6.306		2422	for description
										Summation of Run B.M. 23-13 to B.M. 5-46
										Total Backsights = + 30.455
										Total Foresights = − 34.119
										Diff. in Elev = − 3.664
		30.455					34.119			

F.B. 1395 PG. 272

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Breezy-Clear Inst. No. 50010
Notes by E. Landa Time 2:25 to 2:45 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NE1
Job No. 4923
From B.M. 5-46 To B.M. 23-13
Date 6-2-53
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
	6397		166		#5	4722		160		B.M. 5-46
	6231		163			4562		160		Lomita Blvd & Wilmington Ave.
	6068		329			4402		320		See F.B. 1206-42
1	18696	6.232		329	72°	13686	4.562		320	for description
	6318		215			5133		213		
	6103		213			4975		212		⊼ G.E. Dreier
	5890		428			4763		425		
2	18311	6.104		757		14926	4.975		745	
	6053		211			6451		212		
	5842		210			6239		211		
	5632		421			6028		423		
3	17527	5.842		1178		18718	6.239		1168	
	4950		193			5017		195		
	4757		193			4822		192		
	4564		386			4630		387		
4	14271	4.757		1564		14469	4.823		1555	
	5470		210			5107		229		
	5260		210			4878		226		
	5050		420			4652		455		
5	15780	5.260		1984		14637	4.879		2010	
		28.195					25.478			

F.B. 1395 PG. 273

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Breezy Inst. No. 50010
Notes by E. Landa Time 2:25 To 2:55 Rod No. 586

Name L.A. CO. PRECISE LEVEL NE
Job No. 4923
From B.M. 5-46 To B.M. 23-13
Date 6-2-53
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
	6102	28.195	218	1184		5155	28.478	210	2010	B.M. 23-13
	5884		214			4945		209		Avalon Blvd. & Lomita Ave
	5670		432			4736		419		See F.B. 1395-154
6	17656	5.885		2416		18836	5.965		2429	for description
										Summation of Run
										B.M. 5-46 to B.M. 23-13
										Total Backsights = + 34.080
										Total Foresights = - 30.423
										Diff. in Elev. = + 3.657
F.B. 1395 PG. 274										
		34.080					30.423			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 4723
From B.M. 23-14 To B.M. 23-15
Date 6-2-53
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
	0.879		200		#6	4.527		196		B.M. 23-14 (L.A. Co. Rd. Dept.) CHANNEL
	0.679		99			4.331		192		AVALON BLVD & DOMINGUEZ
	0.480		399			4.139		388		SEE F.B. 1395 -
1	2.038	0.679		399	70°	2.997	4.332		388	FOR DESCRIPTION
										B.M. 23-15 (F.B.B.M. 112-14) CHANNEL
										AVALON BLVD & DOMINGUEZ
										AT TOWER # 56
										SEE F.B. 1395 -
										BACKSIGHT +0.677
										FORESIGHT - 4.332
										DIFF IN ELEV. - 3.655
	0.572		199			4.520		195		B.M. 23-14 TO B.M. 23-15
	0.673		200			4.325		194		
	0.473		399			4.131		389		
1	2.018	0.673		399		12.976	4.325		389	
										BACKSIGHT = + 0.673
										FORESIGHT - 4.325
										DIFF IN ELEV - 3.652

F.B. 1395 PG. 275

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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. 1385 PG. 276										

F. B. 1395 PG. 277

NOTES RED. ____ JOB NO. 0301.08 SURVEY OF Geodetic Control
DATE ____ SURVEY BY M. A. Van Deren
NOTES CHKD. ____ NOTES BY Van DATE 5-23-55
DATE ____ INDEXED R. C. Johnson DATE 5-31-55

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
J. N. 0301.08						
Preservation of Monument						
Transfer of Datum from BM 22-7						
To 22-7A & 22-7B						
BM 22-7A on Pg 125						
5-23-55						
Van Deren						
Richards						
Myers						
Stromann						
Turrill						

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

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
315 CIVIC CENTER BLDG.

765420 353 2M 3-48

FORM 353 2M 3-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
315 CIVIC CENTER BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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
						BM 22-7 Elev= 56.693 FB
						Crenshaw Blvd & 190th St N.W. Cor
						55'± W & int & 40'± N. & 190th St
(Fd) BM 22-7	56.693					1.8 back of curb. & 9.2 W. of PP# 313633E
+ 55	5.047		4.951			a standard C.S. B.M. Mon 9" dp in H.H.
⊼	61.740	-0.258	0.258			with cast iron cover. 1953 adj
(set) 55	5.305		5.209			
22-7"A"	56.435					BM 22-7"A" Elev=
+ 25'	4.732		4.660			Crenshaw Blvd & 190th St N.W. Cor
⊼	61.167	-0.072	0.071			on service Road. Set Bt Spk in conc
— set 25'	4.804		4.731			curb. 25' N. of N. end C.R. of alley
22-7"B"	56.363					W. Voge 5-21-65
+ 45'	4.824		4.753			BM 22-7"B" Elev=
⊼	61.187	+0.371	0.371			Crenshaw Blvd & 189th St S.W. Cor
— 45'	4.453		4.382			on service Road. Set Bt Spk in conc
T.P.	56.734					curb. 18' South of South end C.R.
+ 45'	5.771		5.847			
⊼	62.505	-0.041	0.041			
(Fd) 45'	5.812		5.888			
22-7	56.693					BM 22-7 Elev= 56.693 FB
						Crenshaw Blvd & 190th St N.W. Cor
						55'± W. & int. & 40'± N. & 190th St.
						1.8 back of curb. & 9.2 W. of P.P.# 313633E
						a standard C.S. B.M. Mon 9" dp in H.H.
						with cast iron cover.

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY [illegible] DATE
NOTES BY [illegible] DATE 5-23-55 NOTES CHKD.
INDEXED A. C. Johnson DATE DATE

F. B. 1395 PG. 278

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. TREIER Weather CLEAR Inst. No. 50010
Notes by T. OHASHI Time Rod No. 11912

Name L.A. Co. PRECISE LEVEL NET
Job No 0301.02
From B.M. 20-10 To B.M. 20-10A
Date 9- -56 C. Johnson
Indexed 5-29-57

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
	5336		076			5448		081		B.M. 22-10
	5260		076			5367		080		CRENSHAW BLVD & CARSON ST.
	5184		142			5287		161		SEE F.B. 1395-14 FOR DESC.
1	15790	5.263				16102	5.367			
							5.367			B.M. 22-10A
							-0.104			CRENSHAW BLVD. & CARSON ST. S.W. COR.
										B. SPL IN CURB 7.5 FT. S. OF S. END C.R.
	5453		085			5346		087		
	5368		083			5259		085		
	5285		168			5174		172		
-1	16106	5.369				15779	5.263			B.M. 22-10
		5.260								
		+0.109								
										DIFF IN ELEV. B.M. 20-10 TO
	5221		087			5329		086		B.M. 20-10A = -0.109
	5134		084			5243		084		
	5050		171			5159		170		B.M. 22-10A
1	15405	5.135				15731	5.244			
							5.135			
							-0.109			

F.B. 1395 P.G. 229

#379 1-54

LOS [illegible] SURVEY
7[illegible] COUNTY
[illegible] BLDG.

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. 1395 P.G. 280