Notes Ck'd by	Surv[illegible]
Map No.	W.O. [illegible]
Office Work	Surveyed by
Checked	Notes [illegible] 9-[illegible]-52
Date	Indexed [illegible] 10-22-52

LINE NO. 24

L.A. COUNTY PRECISE LEVEL [illegible]

JOB NO. 4923

PASADENA, ALTADENA, AND SIERRA MADRE [illegible]

DESCRIPTIONS - B.M. 24-1 THROUGH B.M. 24-4[illegible]

LEVEL NOTES - B.M. 24-1 THROUGH B.M. 24-24

G.E. DREIER
E. LANDA
S. SHINODA
M. [illegible]
T. OHASHI
J. CALDERON
H. BLACK

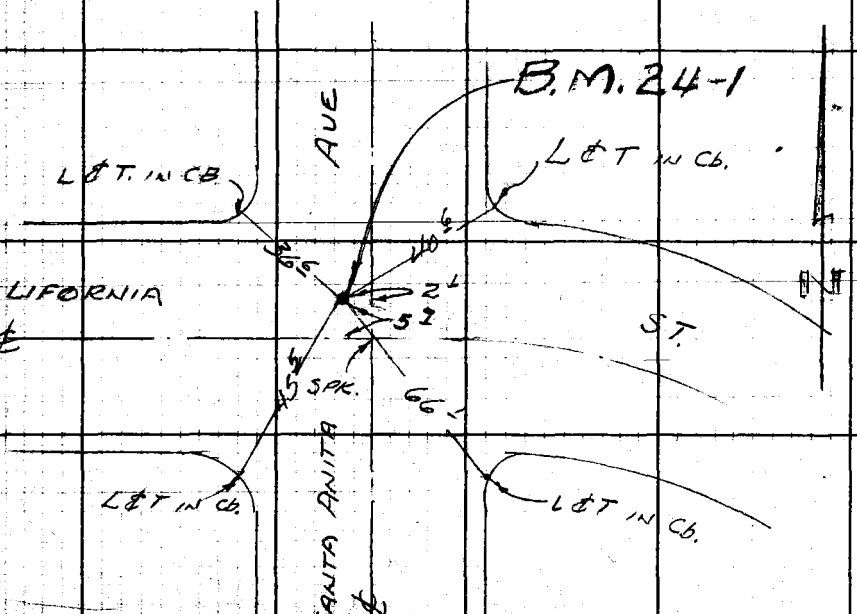
F.B. 1387 PG. 6

B.M. 24-1 (SIERRA MADRE A-8)

THIS STATION IS IN THE CITY OF SAN MARINO, IN THE INTERSECTION OF CALIFORNIA ST. AND SANTA ANITA AVE., 21.7 FT EASTERLY FROM THE WESTERLY CURB LINE OF SANTA ANITA AVE., PRODUCED SOUTHERLY, AND 18.0 FT. SOUTHERLY FROM THE NORTHERLY CURB LINE OF CALIFORNIA ST. (WESTERLY FROM SANTA ANITA AVE.) PRODUCED EASTERLY, IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

STATION MARK: A STANDARD 4 INCH BRASS TABLET, INSCRIBED: "L.A. COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION SIERRA MADRE A-8, R.E. 2177, SET BY COUNTY SURVEYOR 1940," WAS SET IN CONCRETE 2 INCHES BELOW THE SUBGRADE OF THE STREET.

L.A. Co. 1952 Adj. Elev = 671.074



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.

22 5
2 2

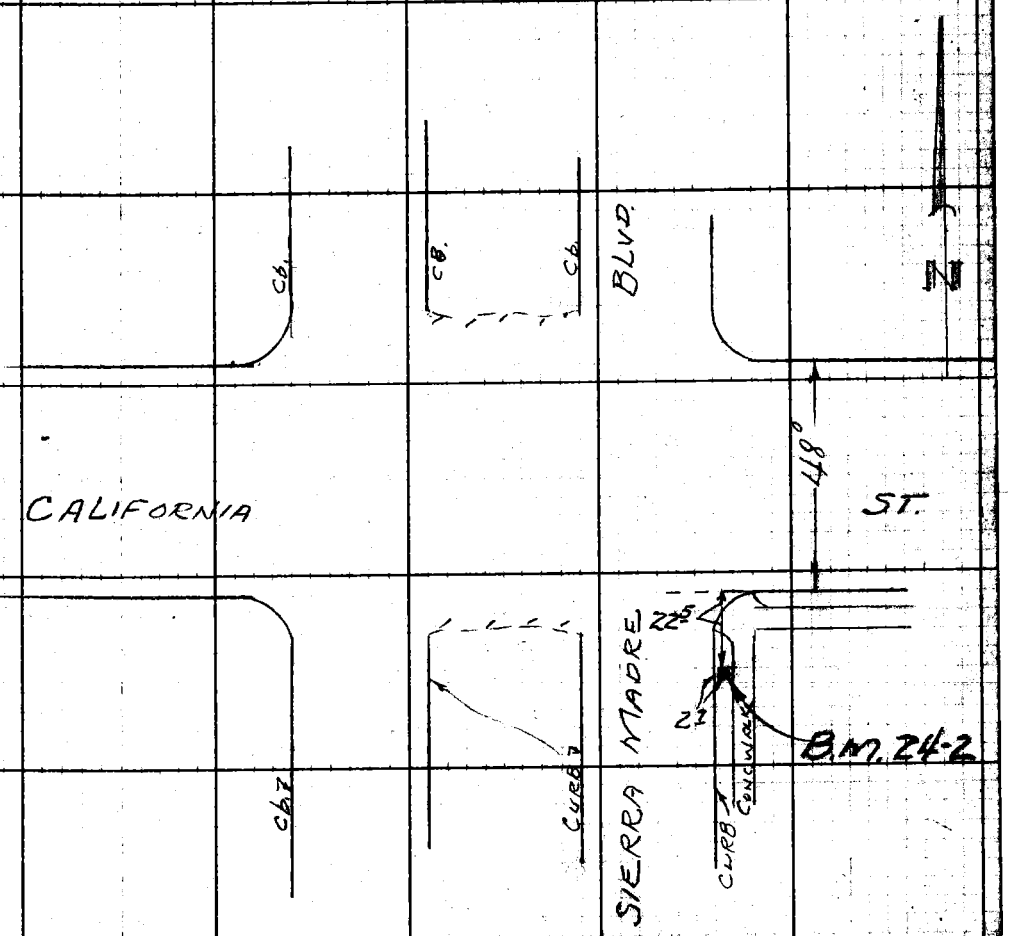
Noted Ck'd by	Survey of L.A. Co. Precise Leveling Net
Map No.	W. O. 1925 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 9-22-52
Date	Indexed L. C. Johnson

F. B. 1389 Pg. 7

BM. 24-2 (U.S. 2936 U172) G.E

AT SAN MARINO, AT THE S.W. COR. OF THE INTERSECTION OF SIERRA MADRE AVE. AND CALIFORNIA ST., 2 FT. E OF CURB, 10 FT N OF LAMP POST # 608. A STD. DISK, STAMPED "U.172 1934" AND SET IN THE TOP OF A CONCRETE POST.

L.A.Co. 1952 Adj. Elev. = 675.469



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726 LOS ANGELES COUNTY
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76F3098 247 2-51

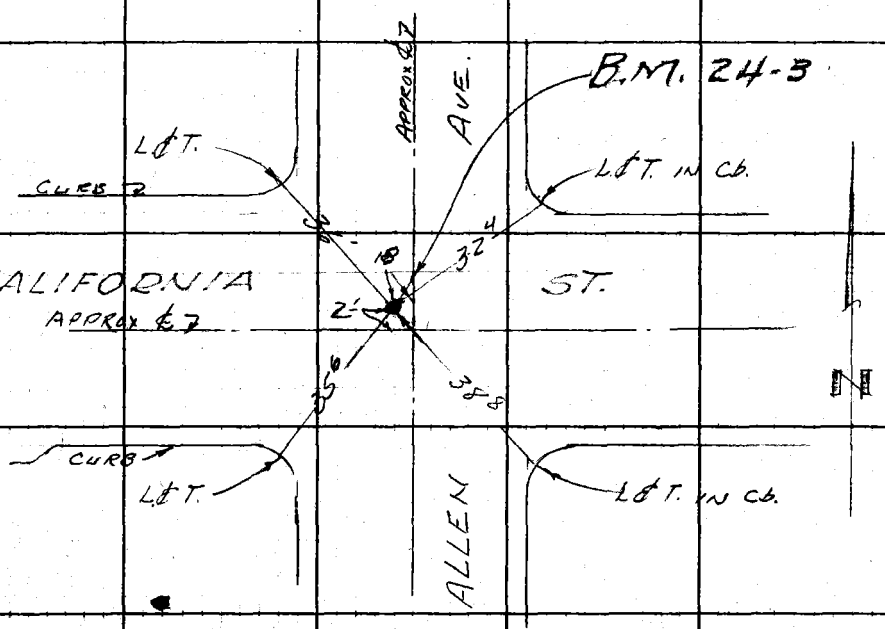
F. B. 1387 PG. 8

B.M. 24-3 (ALTADENA K-8)

THIS STATION IS IN THE CITY OF SAN MARINO IN THE INTERSECTION OF CALIFORNIA ST. AND S. ALLEN AVE., 21.6 FT. NORTHERLY FROM THE SOUTHERLY CURB LINE OF CALIFORNIA ST., PRODUCED EASTERLY, AND 16.6 FT. EASTERLY FROM THE WEST CURB LINE OF ALLEN ST. PRODUCED NORTHERLY, IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED: "COUNTY SURVEYOR MONUMENT."

STATION MARK: A STANDARD 4" BRASS TABLET INSCRIBED: "L.A. COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION, ALTADENA K-8, R.E. 2177, SET BY COUNTY SURVEYOR 1940," WAS SET IN CONCRETE, 2 INCHES BELOW THE SUBGRADE OF STREET.

L.A. Co. 1952 Adj. Elev. = 713.735'



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

Notes Ck'd by	Survey of L.A. Co. Precise Leveling
Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by C. E. DREIER
Checked	Notes C. E. DREIER Date 9-22-52
Date	Indexed J. C. Johnson

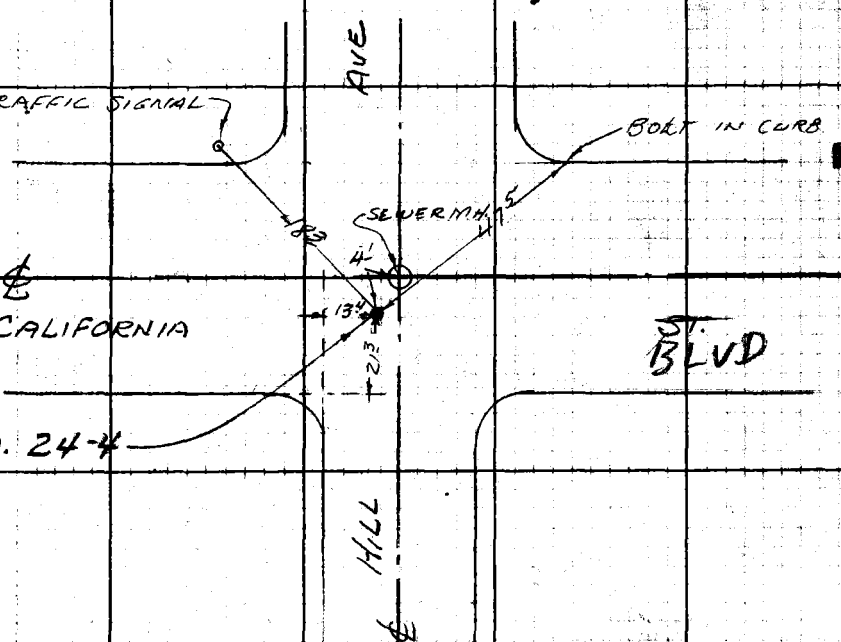
F. B. 1387 PG. 9

BM 24-4 (ALTADENA J-8)

THIS STATION IS IN THE CITY OF PASADENA AT THE INTERSECTION OF CALIFORNIA ST. AND S. HILL AVE., 21.1 FT. NORTHERLY FROM THE SOUTHERLY CURB LINE OF CALIFORNIA ST. PRODUCED EASTERLY, AND 13.4 FT. EASTERLY FROM THE WESTERLY CURB LINE OF HILL AVE. PRODUCED NORTHERLY, IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED: "COUNTY SURVEYOR MONUMENT."

STATION MARK: A STANDARD 4 INCH BRASS TABLET, INSCRIBED: "L.A. COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION, ALTADENA J-8, R.E. 2177, SET BY COUNTY SURVEYOR 1940," WAS SET IN CONCRETE, 2 INCHES BELOW THE SUBGRAD OF STREET.

L.A. Co. 1952 Adj. Elev. 740.670



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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3088 247 2-51

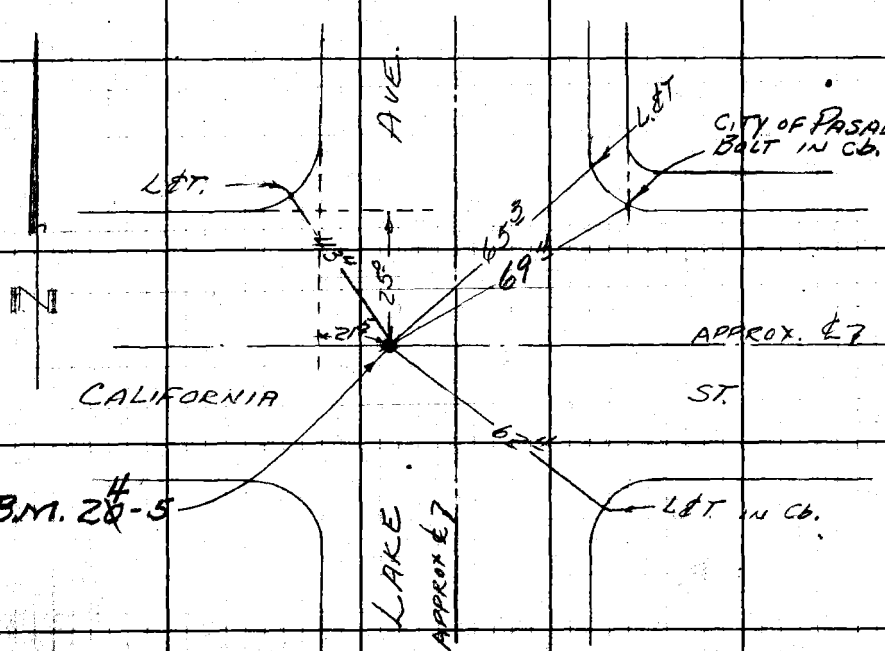
F. B. 1387 PG. 10

B.M. 2~~8~~4-5 (ALTADENA I-8)

THIS STATION IS IN THE CITY OF PASADENA IN THE INTERSECTION OF S. LAKE AVE. AND CALIFORNIA ST., 2.5 FT. SOUTHERLY FROM THE NORTHERLY CURB OF CALIFORNIA ST. PRODUCED EASTERLY, AND 21.5 FT. EASTERLY FROM THE WESTERLY CURB OF LAKE AVE. PRODUCED SOUTHERLY, IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED: "COUNTY SURVEYOR MONUMENT."

STATION MARK: A STANDARD 4 INCH BRASS TABLET INSCRIBED: "L.A. COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION, ALTADENA I-8, R.E. 2177, SET BY COUNTY SURVEYOR 1940, WAS SET IN CONCRETE, 2 INCHES BELOW THE SUBGRADE OF STREET.

L.A.Co. 1952 Adj: Elev. = 761.018 ✓



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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
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 9-22-52
Date	Indexed C. Johnson

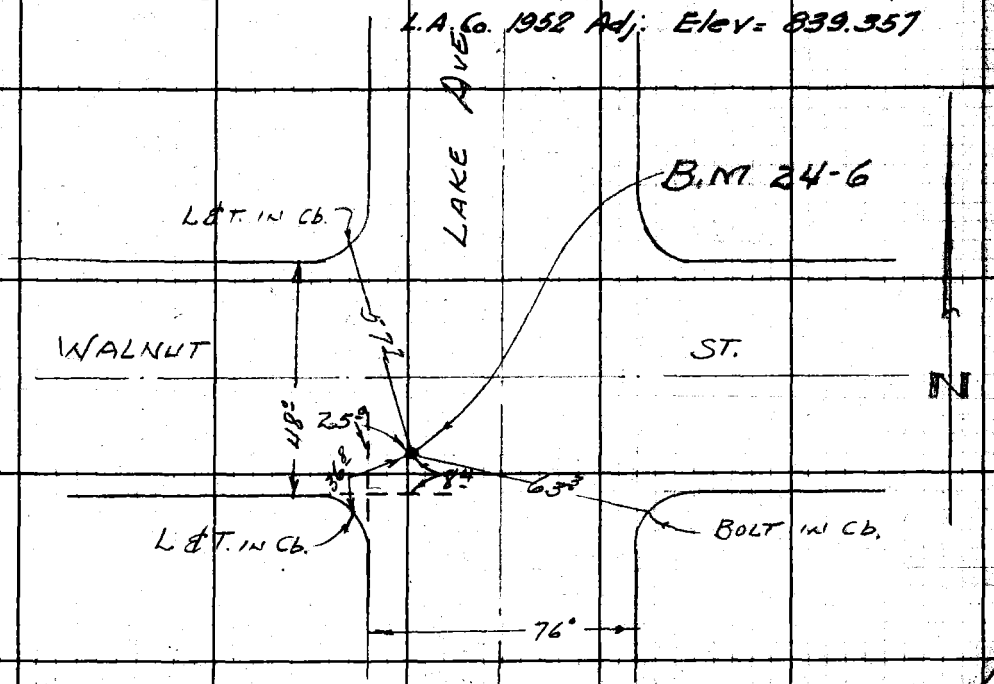
F. B. 1387 Pg. 11

B.M. 24-6 (ALTADENA I-6A)

THIS STATION IS IN THE CITY OF PASADENA, IN THE INTERSECTION OF WALNUT ST. AND LAKE AVE., 25.0 FT EASTERLY FROM THE WESTERLY CURB LINE OF LAKE AVE., PRODUCED NORTHERLY, AND 8.4 FT. NORTHERLY FROM THE SOUTHERLY CURB LINE OF WALNUT ST., PRODUCED EASTERLY, IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

STATION MARK: A STANDARD 4 INCH BRASS TABLET INSCRIBED: "L. A. COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION ALTADENA I-6A R.E. 2177 SET BY COUNTY SURVEYOR 1940," WAS SET IN CONCRETE, 2 INCHES BELOW THE SUB-GRADE OF STREET.

L.A. Co. 1952 Adj. Elev = 839.357



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76F3095 247 2-51

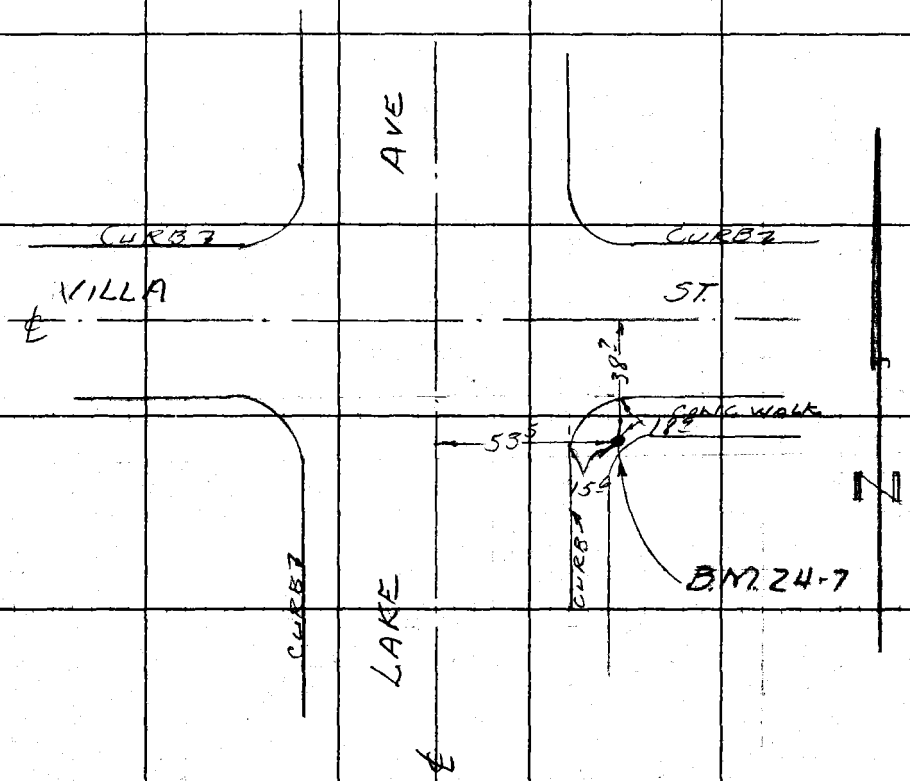
F.B. 1387 PG. 12

(U.S.G.S.)

B.M. 24-7 (U.S. 646 S 63, 1923)

PASADENA ~~15~~ 38.7 FT SOUTH BY ~~25~~ 53.5 FT EAST OF INTERSECTION OF VILLA ST. & LAKE AVE BETWEEN CURB & SIDEWALK SET FLUSH IN CONC. POST BRONZE TABLET STAMPED S 63 1923 (RESET 1924)

L.A.Co. 1952 Adj. Elev = 868.563 ✓



RETURN TO
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F. B. 1387 Pg. 13

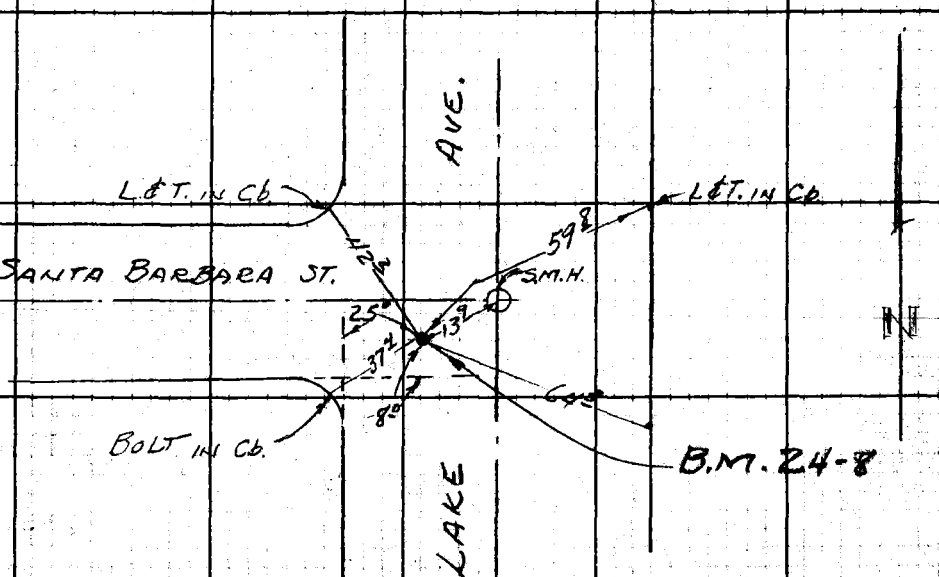
Notes Ck'd by:	Survey of: L.A. Co. Precise Level Net
Map No.	W. O. 4923 Tape No. Sl'd. °F
Office Work	Surveyed by: C. E. DREIER
Checked	Notes: C. E. DREIER Date: 9-19-52
Date	Indexed: C. Johnson

B.M. 24-8 (ALTADENA 1-6)

THIS STATION IS IN THE CITY OF PASADENA, IN THE INTERSECTION OF SANTA BARBARA ST. AND LAKE AVE., 25.2 FT. EASTERLY FROM THE WESTERLY CURB LINE OF LAKE AVE. PRODUCED NORTHERLY, AND 8.0 FT. NORTHERLY FROM THE SOUTHERLY CURB LINE OF SANTA BARBARA ST. PRODUCED EASTERLY, IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

STATION MARK: A STANDARD 4 INCH BRASS TABLET, INSCRIBED: "L.A. COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION ALTADENA 1-6 R.E. 2177 SET BY COUNTY SURVEYOR 1940," WAS SET IN CONCRETE, 2 INCHES BELOW SUBGRADE OF STREET.

L.A.Co. 1952 Adj. Elev. = 878.644



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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

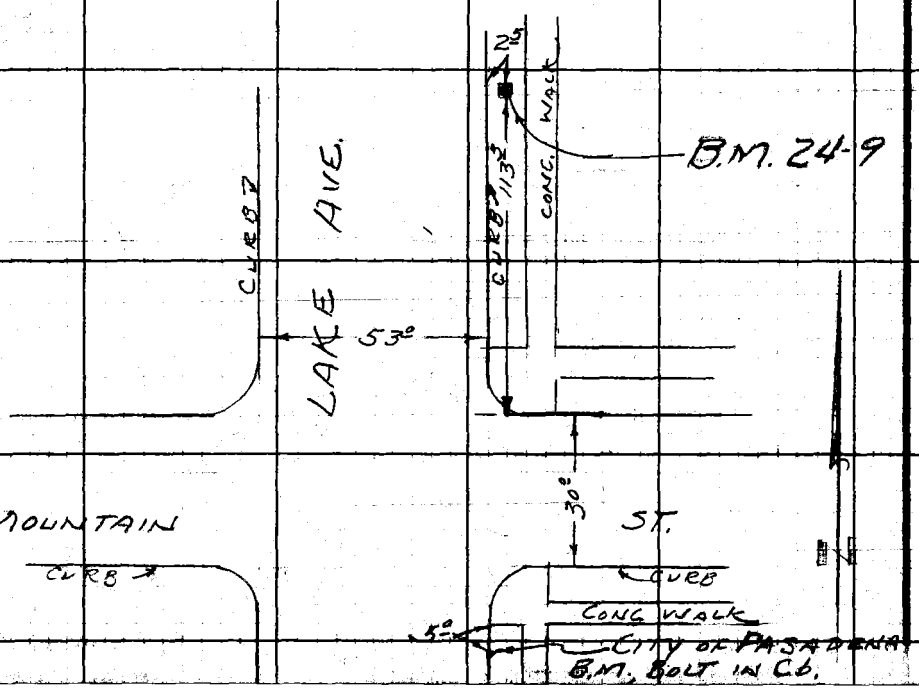
F.B. 1387 PG. 14

B.M. 24-9 (U.S. 2954 L-171)

AT PASADENA, ON N. LAKE AVE, ~~120' W OF LAKE AVE~~ (28± FT EAST OF ℄ LAKE AVE., 2.5 FT EAST OF EAST CURB) ~~30' N. OF ℄ L. OF E. MOUNTAIN ST.,~~ (128.5 FT. NORTH OF ℄ OF E. MOUNTAIN ST.) JUST INSIDE THE CURB BET. THE CURB AND SIDEWALK, 4' ~~W. OF POWER POLE # 48377R.~~ N. OF POWER POLE # 3385MP A STD. DISK, STAMPED "L-171 1934" AND SET IN THE TOP OF A CONC. POST

L.A.Co. 1952 Adj. Elev. = 915.496

DESTROYED
MARK RESET
BM 24-9A
F.B. 2891-8



RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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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
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 9-19-52
Date	Indexed C. Johnson

F.B. 1387 Pg. 15

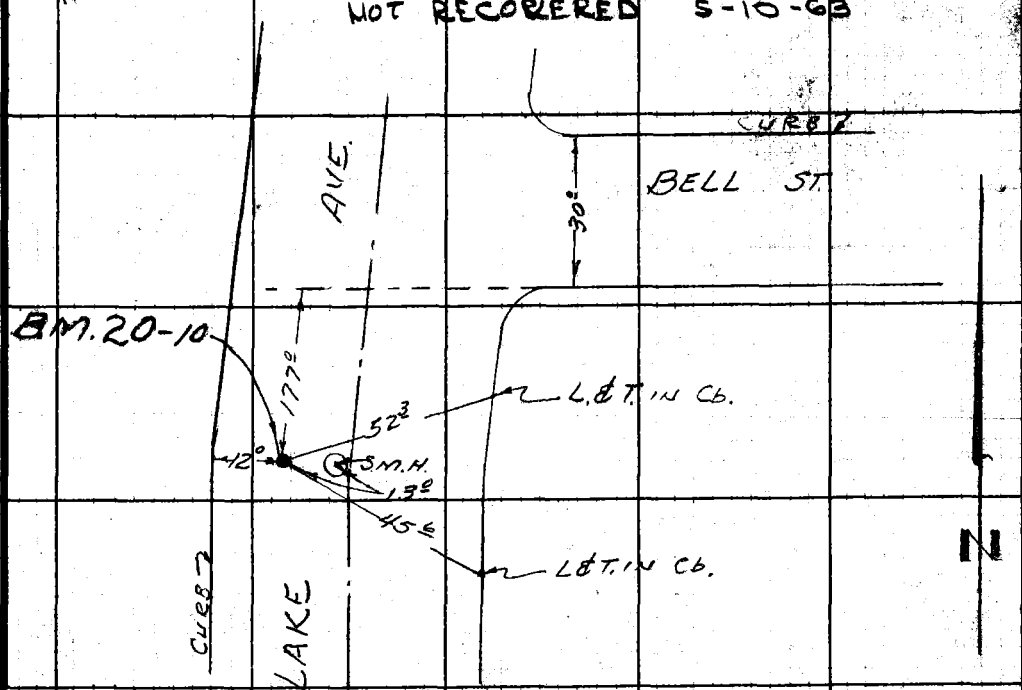
BM. 24-10 (ALTADENA I-5)

THIS STATION IS IN THE CITY OF PASADENA, ON LAKE AVE., BETWEEN BELL AND MOUNTAIN STS., 177.0 FT. SOUTHERLY FROM THE SOUTHERLY CURB LINE OF BELL ST., PRODUCED WESTERLY, AND 12.1 FT. EASTERLY FROM THE WESTERLY CURB OF LAKE AVE., IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

STATION MARK: A STANDARD 4 INCH BRASS TABLET, INSCRIBED: "L.A. COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION ALTADENA I-5 R.E. 2177 SET BY COUNTY SURVEYOR 1940," WAS SET IN CONCRETE, 2 INCHES BELOW THE SUBGRADE OF STREET.

L.A. Co. 1952 Adj. Elev. = 919.956 ✓

NOT RECOVERED 5-10-63



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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51

F.B. 1387 PG. 16

B.M. 24-11 (U.S. 2955 M 171)

AT PASADENA, ON THE E. SIDE OF NORTH LAKE AVE, ABOUT 100' S. OF THE S. SIDE OF WASHINGTON ~~AVE~~ Blvd ON THE ~~S.E.~~ S.W. COR OF ~~LAKE WASHINGTON MARKET~~ (NOW HENRYS HOME FURNISHINGS) (1322 N. LAKE AVE.) 15' N. OF PASADENA NAT'L BANK, IN WATER TABLE OF BUILDING, 1' ABOVE THE SIDEWALK. A STD. DISK STAMPED "M 171 1934" AND SET VERTICALLY IN BUILDING

L.A.Co. 1952 Adj. Elev. = 992.170

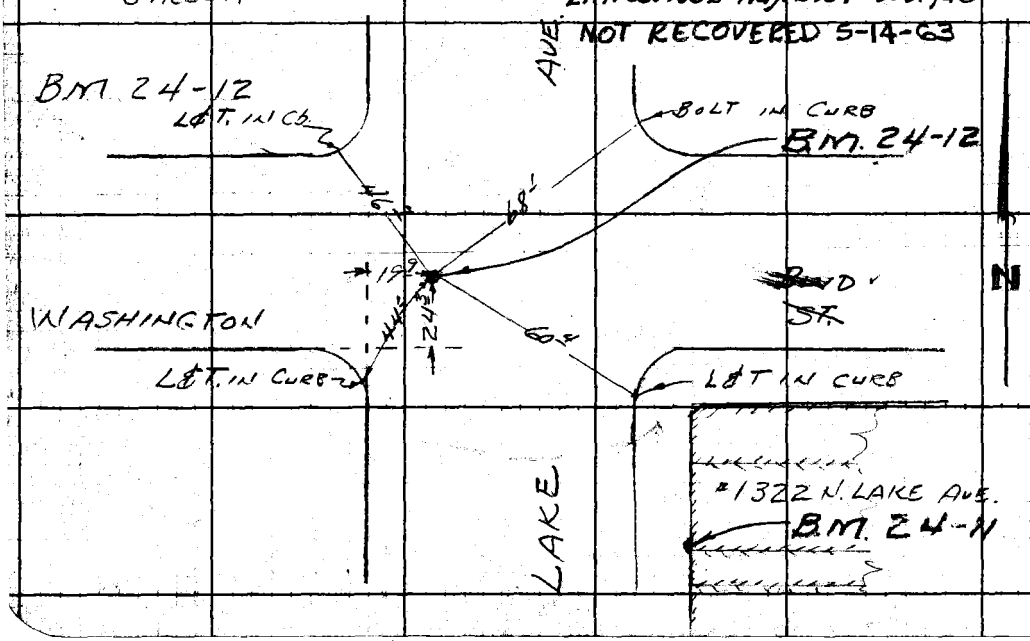
B.M. 24-12 (ALTADENA I-~~3~~4)

THIS STATION IS IN THE INTERSECTION OF WASHINGTON ~~ST.~~ Blvd. AND LAKE AVE., IN THE TOWN OF ALTADENA, 19.9 FT. EASTERLY FROM THE WESTERLY CURB LINE OF LAKE AVE., PRODUCED NORTHERLY, AND 24.3 FT. NORTHERLY FROM THE SOUTHERLY CURB LINE OF WASHINGTON ST., PRODUCED EASTERLY, IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED: "COUNTY SURVEYOR MONUMENT."

STATION MARK: A STANDARD 4 INCH BRASS TABLET, INSCRIBED: "L.A. COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION ALTADENA I-4 RE. 2177 SET BY COUNTY SURVEYOR 1940" WAS SET IN CONCRETE, 2 INCHES BELOW THE SUBGRADE OF STREET.

L.A. Co. 1952 Adj. Elev. = 993.748

NOT RECOVERED 5-14-63



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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 9-23-52
Date	Indexed K. C. Johnson

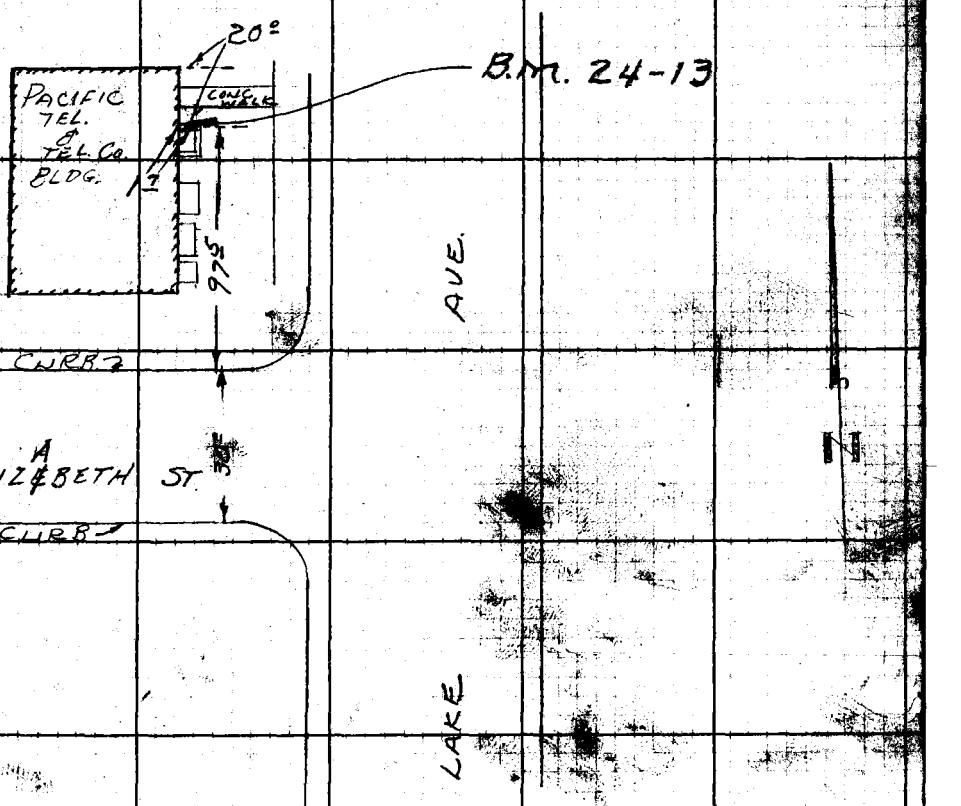
F.B. 1367 Pg. 17

B.M. 24-13 (U.S. 2956 N171)

AT ALTADENA, ON THE W. SIDE OF N. LAKE AVE., IN THE PACIFIC TELEPHONE AND TELEGRAPH CO ~~So. CAL. TELEPHONE~~ BLDG., 15' S. OF ENTRANCE, IN CENTER OF TOP OF N. WALL OF BASEMENT SKY LIGHT. A STD. DISK, STAMPED "N 171 1934" AND SET IN BUILDING.

L.A.Co. 1952 Adj. Elev. 1066.176

Not recovered, the basement sky lights have been removed during remodeling. See F.B. 3713-103 for B.M. 24-13A 4-Mar-71 JBR



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726 LOS ANGELES COUNTY
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76F3095 247 2-51

F.B. 1387 PG. 18

B.M. 24-14

ALTADENA, LAKE AVE. AND WOODBURY ROAD, & INTERSECTION TO WEST, A STANDARD COUNTY SURVEYOR MONUMENT "RE.63" SET IN CONCRETE 9 INCHES BELOW THE SURFACE IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

L.A.Co. 1952 Adj. Elev. = 1115.000

NOT RECOVERED 5-14-63

B.M. 24-14A
F.B. 2891-9

RETURN TO
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72B LOS ANGELES COUNTY
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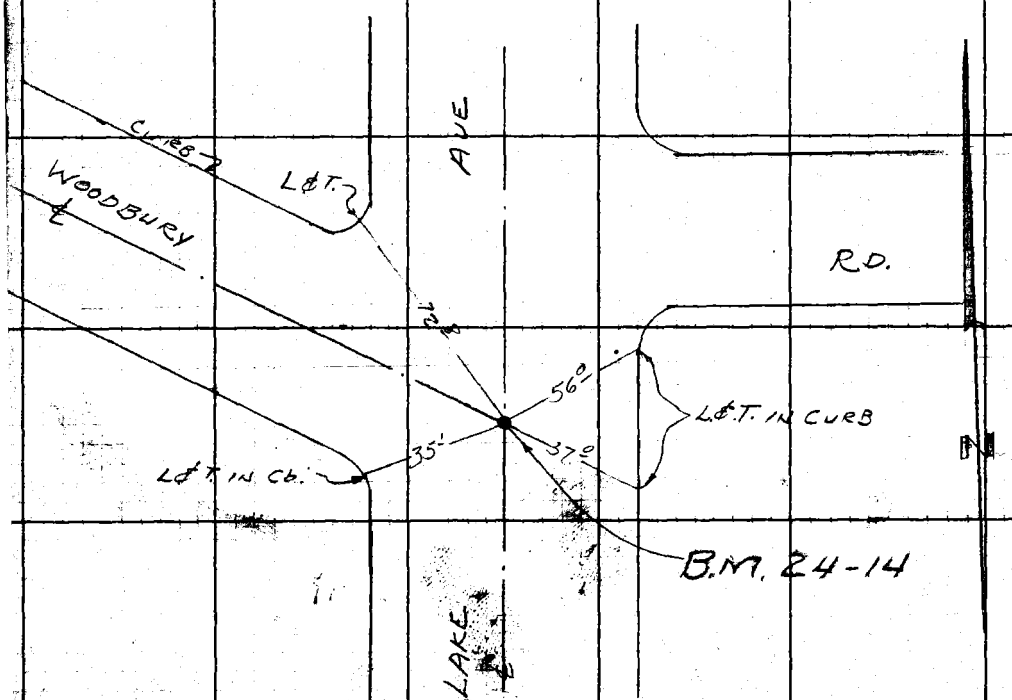


F.B. 1387 Pg. 19

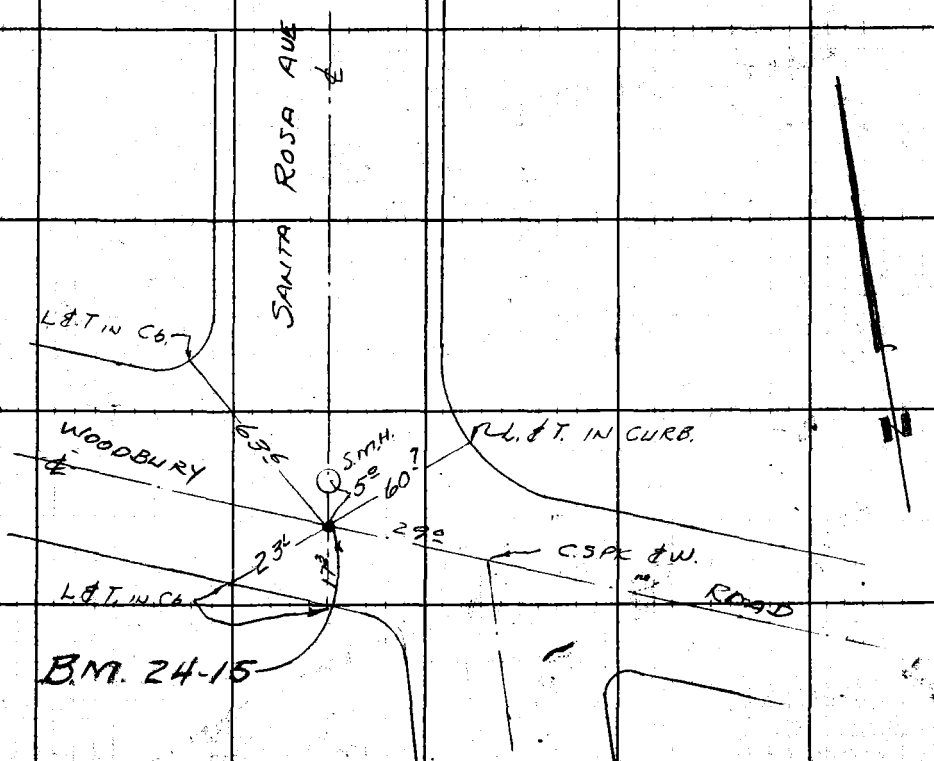
Notes Ck'd by	Survey of L.A.Co. Precise Level Net
Map No.	W. O. 1923 Tape No. St'd. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 9-23-52
Date	Indexed C. Johnson

B.M. 24-15

ALTADENA, AT WOODBURY ROAD AND SANTA ROSA AVE., ℄ INTERSECTION, A STANDARD COUNTY SURVEYOR MONUMENT, "R.E. 2177," SET IN CONCRETE 10 INCHES BELOW THE SURFACE IN A WELL AND PROTECTED BY A CAST IRON COVER MARKED COUNTY SURVEYOR MONUMENT.

L.A.Co. 1952 Adj. Elev = 1101.422

Not recovered, destroyed during construction
See F.B. 3713-107 for 24-15A 4-Mar-71 JbR



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RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

78FS095 247 2-51

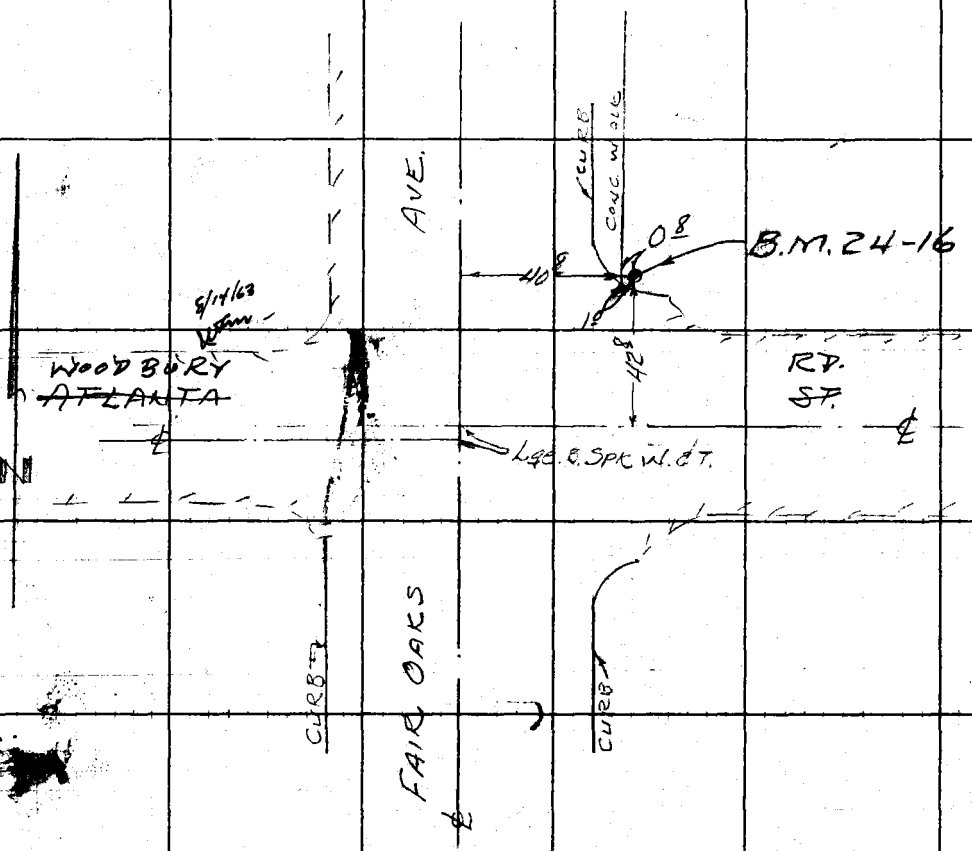
F.B. 1387 PG. 20

B.M. 24-16

ALTADENA AT FAIR OAKS AVE, AND ~~ATLANTA ST.~~ Woodbury Road N.E. Cor., A STANDARD COUNTY SURVEYOR MONUMENT STAMPED B.M. 24-16 1952 RE 63 SET IN CONCRETE 11 INCHES BELOW THE TOP OF THE CURB, 1.0 FT BACK OF THE FACE OF THE CURB, 0.8 FT BACK OF CONCRETE SIDEWALK, 40.8 FT. EAST OF THE ℄ OF FAIR OAKS AVE AND 42.8 FT NORTH OF THE ℄ OF ~~ATLANTA ST.~~ Woodbury Road IN A WELL PROTECTED BY A CAST IRON COVER MARKED: "COUNTY SURVEYOR MONUMENT."

L.A. Co. 1952 Adj. Elev = 1117.947

Mark not recovered, destroyed during construction. See F.B. 3713-109 for 24-16A 4-May-71 JDB



RETURN TO
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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
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 9-23-52
Date	Indexed C. Johnson

F.B. 1387 Pg. 21

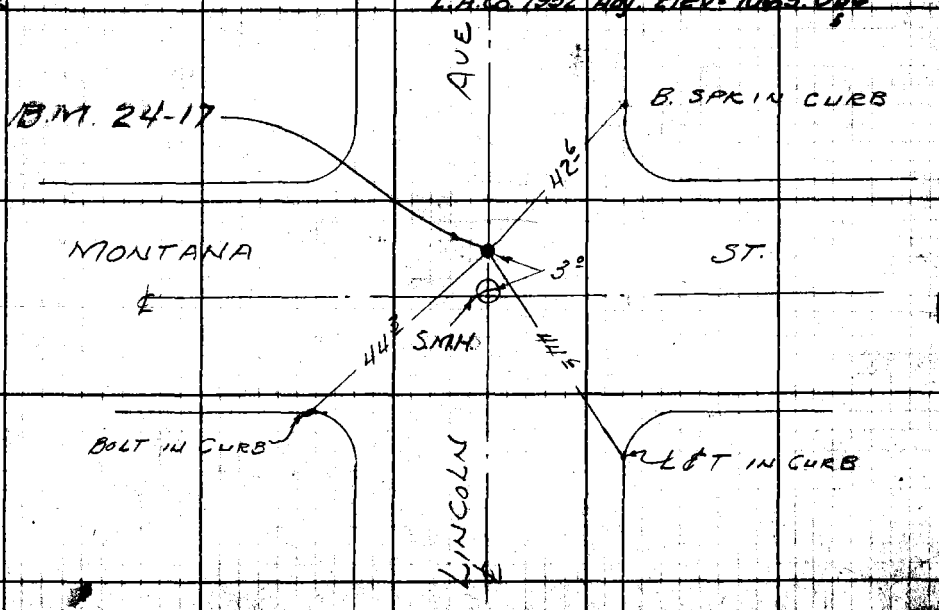
~~B.M. 24-17 (ALTADENA E-3)~~

THIS STATION IS IN THE CITY OF PASADENA, ~~BETWEEN THE PACIFIC ELECTRIC RY. TRACKS IN~~ THE INTERSECTION OF LINCOLN AVE. AND MONTANA ST., 27.6 FT WESTERLY FROM THE EASTERLY CURB LINE OF LINCOLN AVE (NORTHERLY FROM MONTANA ST.) AND 11.3 FT. SOUTHERLY FROM THE NORTHERLY CURB LINE OF MONTANA ST. (EASTERLY FROM LINCOLN AVE.) PRODUCED WESTERLY, IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

STATION MARK: A STANDARD 4 INCH BRASS TABLET INSCRIBED "L.A. COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION ALTADENA E-3 R.E. 2177, SET BY COUNTY SURVEYOR 1940," WAS SET IN CONCRETE, 2 INCHES BELOW THE SUBGRADE OF STREET

L.A.Co. 1952 Adj. Elev. 1063.066

NOT RECOVERED 5-23-66
NEW CONC. PAV. G.E.D.



Note: Any Additions or Changes on This Sheet Must 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.

76F3005 247 2-51

F. B. 1387 PG. 22

B.M. 24-18 (ALTADENA E-2)

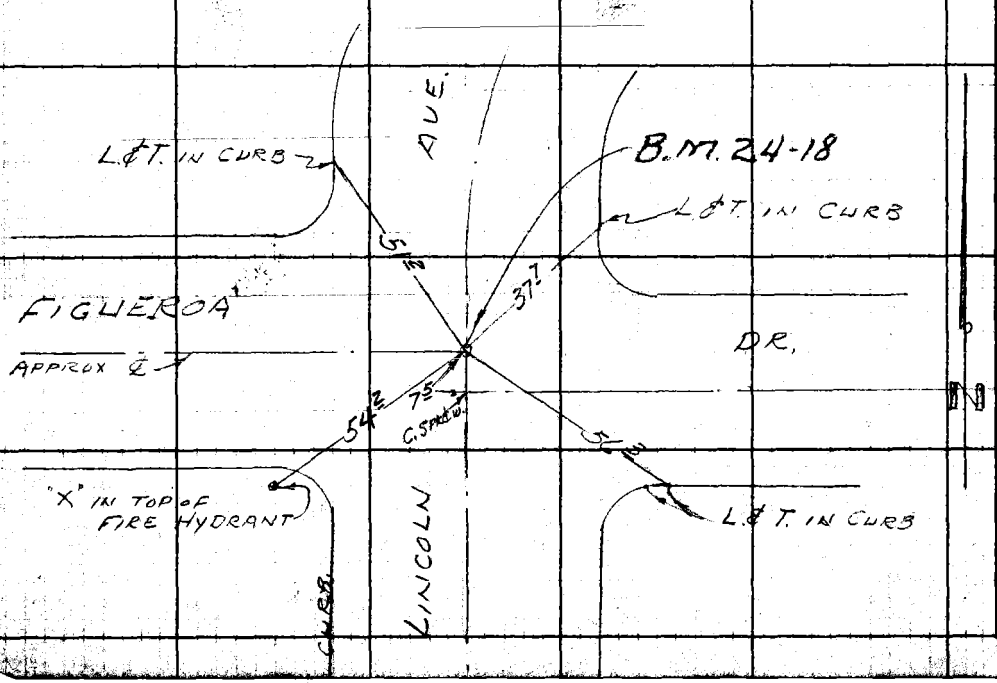
This station is in the town of Altadena, in the intersection of Lincoln Ave. and Figueroa Drive, 24.7 ft. northerly from the southerly curb line of Figueroa Drive (westerly from Lincoln Ave.) produced easterly and 25.1 ft. easterly from the westerly curb line of Lincoln Ave. (southerly from Figueroa Drive) produced northerly, in a well cut through the pavement and protected by a cast iron cover, marked: "County Surveyor Monument."

Station mark: A standard 4 inch brass tablet, inscribed: "L.A. County Survey Control System Traverse Station Altadena E-2 R.E. 2177 Set by County Surveyor 1940," was set in concrete, 2 in. below the subgrade of street.

No sub-surface mark.

Reference: F.B. 926-21-22

L.A.Co. Adj. Elev. 1133.590



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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Notes Ck'd by	Survey of L.A.Co. PRECISE LEVELING NET
Map No.	W.O. 41923 Tape No. St'd. °F
Office Work	Surveyed by C.E.DREIER
Checked	Notes C.E.DREIER Date 9-23-52
Date	Indexed C. Johnson

F.B. 1389 Pg. 23

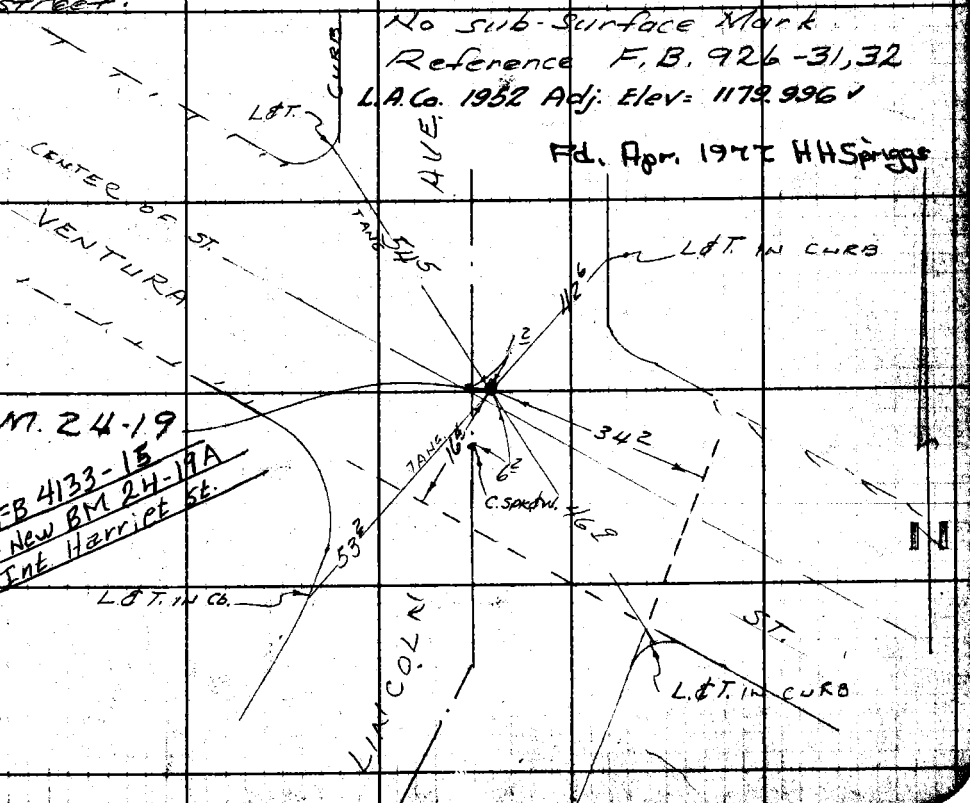
BM 24-19 (ALTADENA E-2)

This station is in the Town of Altadena, in the intersection of Lincoln Ave. & Ventura St., 34.2 ft. N.W. from the S.E'ly. curb line of Lincoln Ave., produced northeasterly, and 16.4 ft. northeasterly from the southeasterly curb line of Ventura St., produced Northwesterly, in a well cut through the pavement & protected by a cast iron cover, marked "County Surveyor Monument."

Station Mark: A standard 4 inch brass tablet, inscribed: "L.A. County Survey Control System Traverse Station Altadena F-2 R.E. 2177 Set by County Surveyor 1940," was set in concrete, 2 inches below subgrade of street.

No sub-surface Mark
Reference F.B. 926-31,32
L.A.Co. 1952 Adj. Elev= 1179.996 ✓

Rd. Apr. 1972 HHSpriggs



BM. 24-19

See FB 4133-15 For New BM 24-19A @ Int. Harriet St.

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

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

75FS095 247 2-51

F. B. 1387 PG. 24

B.M. 24-20 (ALTADENA F-1)

This station is in the town of Altadena, in the intersection of Lincoln Ave. & Mendocino St., 25.0 ft. westerly from the easterly curb line of Lincoln St. produced Southerly, & 20.4 ft. southwesterly from the northeasterly curb line of Mendocino St., produced Northwesterly, in a well cut through the pavement & protected by a cast iron cover marked: "County Surveyor Monument"

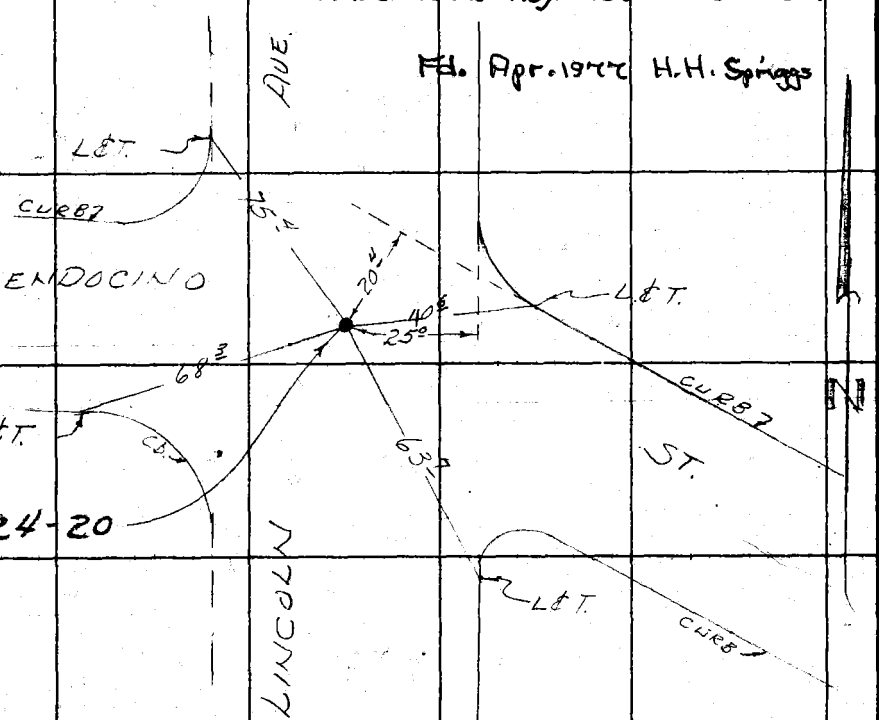
Station Mark: A standard 4 inch brass tablet, inscribed: "L.A. County Survey Control System Traverse Station Altadena F-1 R.E. 2177 Set by County Surveyor 1900," was set in concrete, 2 inches below the subgrade of Street.

No Sub-surface mark.

Reference F.B. 926-29-30

L.A. Co. 1952 Adj. Elev = 1221.410

Fd. Apr. 1972 H.H. Spriggs



RETURN TO
LOS ANGELES COUNTY SURVEYOR
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Office Ckd by:	Survey of L.A. Co. PRECISE LEVEL NET
Map No.	W. O. 1823 Tape No. St'd. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 9-25-52
Date	Indexed C. Johnson

F.B. 1389 Pg. 25

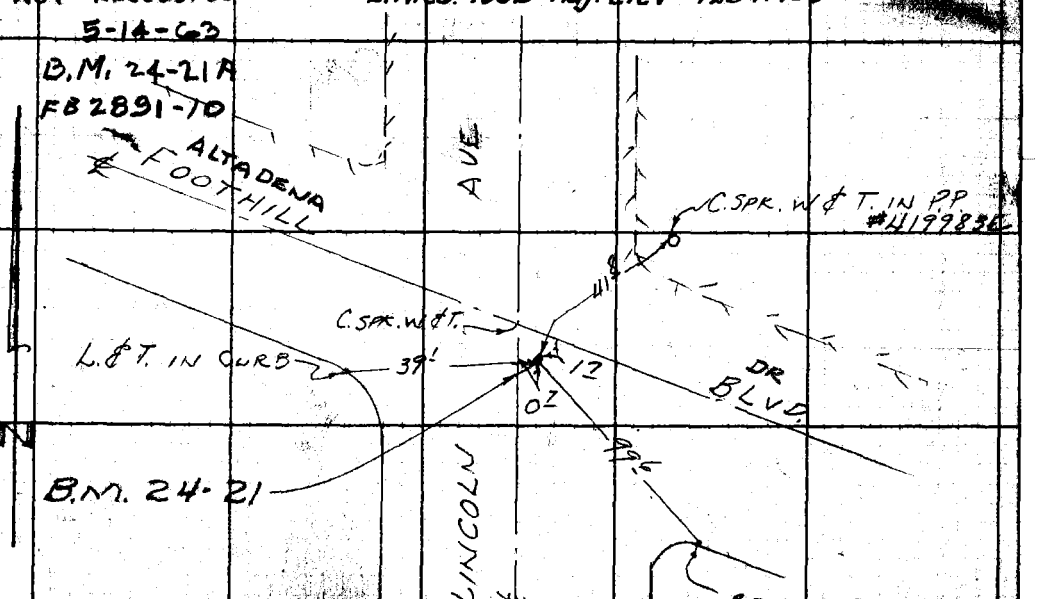
B.M. 24-21 (ALTADENA E-1)

This station is in the town of ALTADENA DR.
in the intersection of Lincoln Ave. & Foothill Blvd.
28.7 ft. easterly from the westerly curb line of
Lincoln Ave, produced northerly, & 16.1 ft.
northeasterly from the southwesterly curb line
of Foothill Blvd. (Westerly from Lincoln Ave)
produced southeasterly, in a well cut through
the pavement & protected by a cast iron
cover marked: "COUNTY SURVEYOR MONUMENT"

Station Mark: A standard 4 inch brass
tablet, inscribed: "L.A. County Survey Control
System Traverse Station Altadena E-1
R.E. 2177 Set by County Surveyor 1940,"
was set in concrete, 2" below the subgrade
of Street.

No sub-surface mark.
Reference: F.B. 926-19,20
L.A.Co. 1952 Adj. Elev = 1254.400

NOT RECOVERED
5-14-63



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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

78F3095 247 2-51

F.B. 1387 PG. 26

BM. 24-22 (ALTADENA G-1)

This station is in the intersection of Fair Oaks Ave. and Foothill Blvd., in the town of Altadena 15.3 ft. northeasterly from the southerly curb line of Foothill Blvd produced northwesterly, and 20.5 ft. northwesterly from the easterly curb line (at southeasterly corner) produced northeasterly, in a well cut through the pavement and protected by a cast iron cover marked: "County Surveyor Monument"

ALTADENA DR

Station was set as a replacement to existing spike, washer & tin.

Station Mark: A standard 4 in. brass tablet, inscribed: "L.A. County Survey Control System Traverse Station Altadena G-1 R.E. 2177 Set by County Surveyor 1940," was set in concrete.

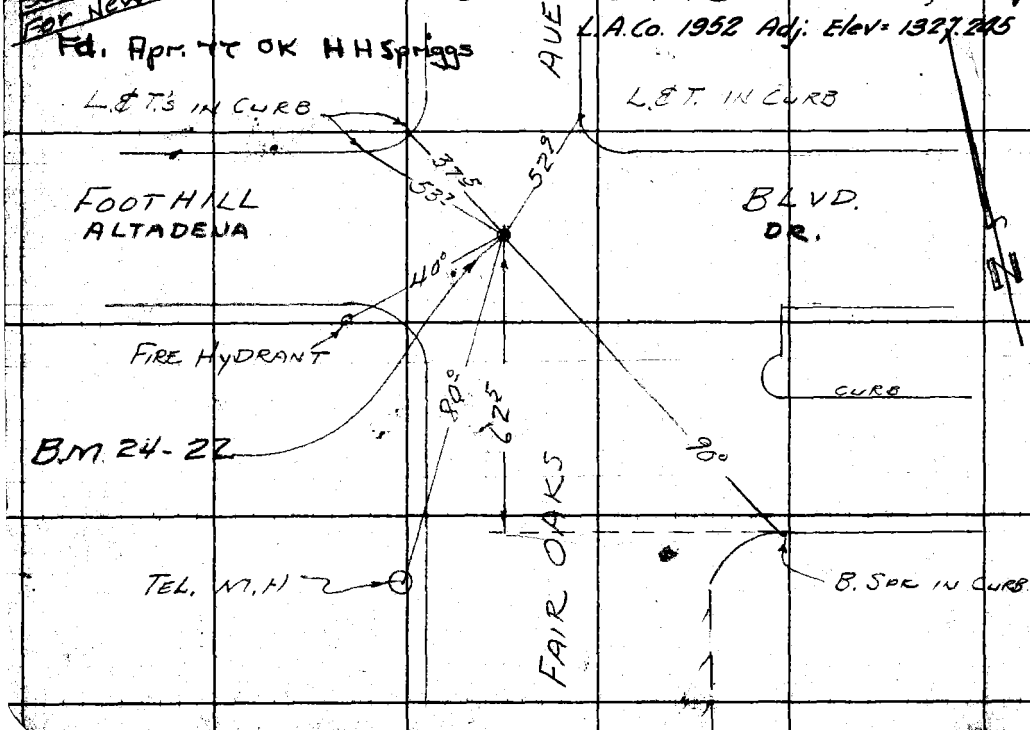
No sub-surface mark.

Reference F.B. 926-39, 40

L.A.Co. 1952 Adj. Elev = 1327.245

See FB 4133-21 For New BM 24-22A

Fd. Apr. 77 OK HH Spriggs



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

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Notes Ck'd by	Survey of L.A.Co. PRECISE LEVELNET
Map No.	W.O. 4923 Tape No. St'd °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 9-25-52
Date	Indexed R. C. Johnson

F.B. 1387 Pg. 27

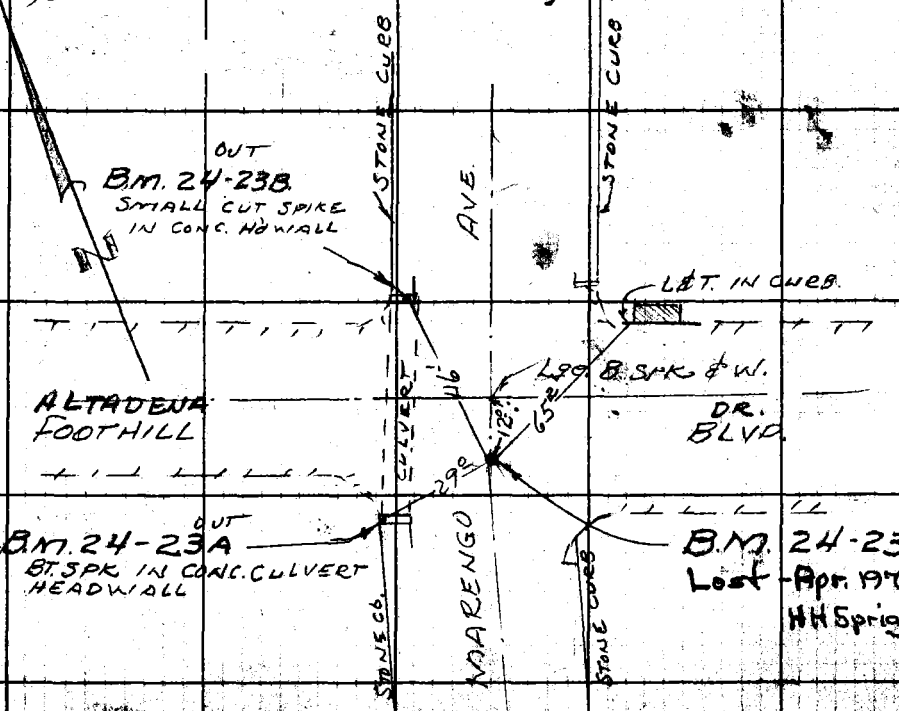
B.M. 24-23

ALTADENA DR.
FOOTHILL BLVD. AND MARENGO AVE, ON ℄ OF MARENGO AVE AT ANGLE POINT 12.0 FT. SOUTH OF LARGE BOAT SPK AT ℄ INTERSECTION OF STREETS, A STANDARD COUNTY SURVEYOR MONUMENT "R℄2177" SET IN CONCRETE 11 INCHES BELOW THE SURFACE IN A WELL AND PROTECTED BY A CAST IRON COVER MARKED:—
"COUNTY SURVEYOR MONUMENT."
L.A. Co. 1952 Adj. Elev = 1341.390 ✓

B.M. 24-23A (U.S. 666 RESET)
ALTADENA, AT S.W. COR. OF FOOTHILL BLVD., (PIEDMONT) AND MARENGO AVE., BOAT SPIKE IN LEAD IN CONCRETE HEAD WALL. (L.B. 719-175) Destroyed 8/2/68 RCB
L.A. Co. 1952 Adj. Elev = 1340.321 ✓

B.M. 24-23B (U.S. 666) NOTE:— SOME DOUBT IF THIS IS SAME B.M. AS PER U.S. DESCRIPTION
ALTADENA AT N.W. COR. OF ~~PIEDMONT~~ FOOTHILL BLVD. AND MARENGO AVES., IN CONC. CULVERT; HEAD OF ~~NAIL~~ SMALL CUT SPIKE MARKED "U.S.B.M. 1,344.6"
L.A. Co. 1952 Adj. Elev = 1345.060 ✓

DESTROYED 5-23-66 G.E.D.



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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

F.B. 1387 PG. 28

B.M. 24-24 (ALTADENA H-1)

This Station is in the town of Altadena, in the intersection of Foothill Blvd. and St. James Pl., 15.2 ft. southeasterly from the northwesterly curb line of St. James Pl., produced southwesterly, and 15.2 ft. southeasterly from the northeasterly curb line of Foothill Blvd. produced southeasterly, in a well cut through the pavement and protected by a cast iron cover marked: "County Surveyor Monument"

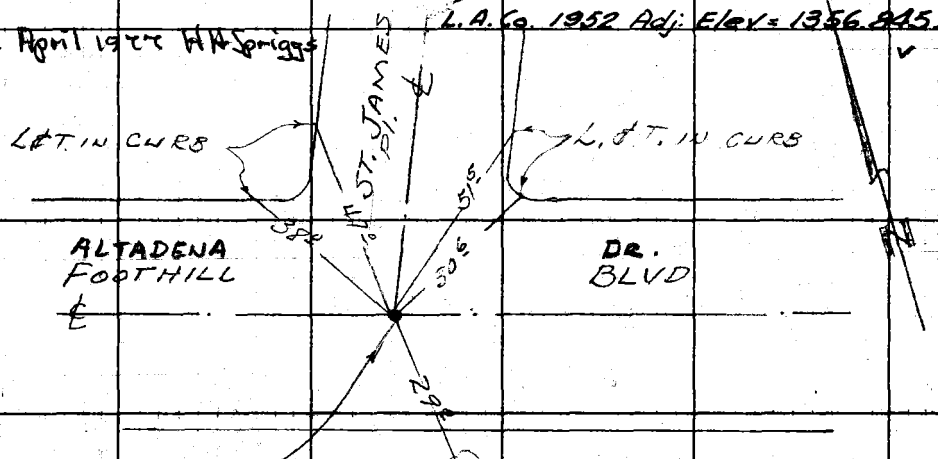
Station mark: A standard 4 inch brass tablet, inscribed: L.A. County Survey Control System Traverse Station Altadena H-1 R.E. 2177 Set by County Surveyor 1940," was set in concrete, 2 inches below the subgrade of street.

No Sub-Surface mark.
Reference F.B. 926-79, 80
Mon. at intersection of street ℄ of Foothill Blvd. & St. James Pl. Ref. F.B. 779-33

L.A. Co. 1952 Adj. Elev. = 1356.845

ALTADENA DR

Fd. April 1922 H.H. Spriggs



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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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Computed by
Checked by
Office Work
Checked
Date

Survey of L.A. Co. PRECISE LEVELING
W. O. 4923 Tape No. St'd. °F
Surveyed by G.E. DREIER
Notes G.E. DREIER Date 9-25-52
Indexed C. Johnson

F.B. 1387 Pg. 29

B.M. 24-25 (ALTADENA 1-2)

This station is in the town of ALTADENA
Altadena, in the intersection of Foothill DR. Blvd., and Lake Ave., 34.4 ft. northeasterly from the southwesterly curb line of Foothill Blvd., produced southeasterly, 19.9 ft. westerly from the easterly curb of Lake Ave., and 3.9 ft. easterly from the most easterly rail of the Pacific Electric Ry. tracks, in a well cut through the pavement and protected by a cast iron cover marked: "County Surveyor Monument."

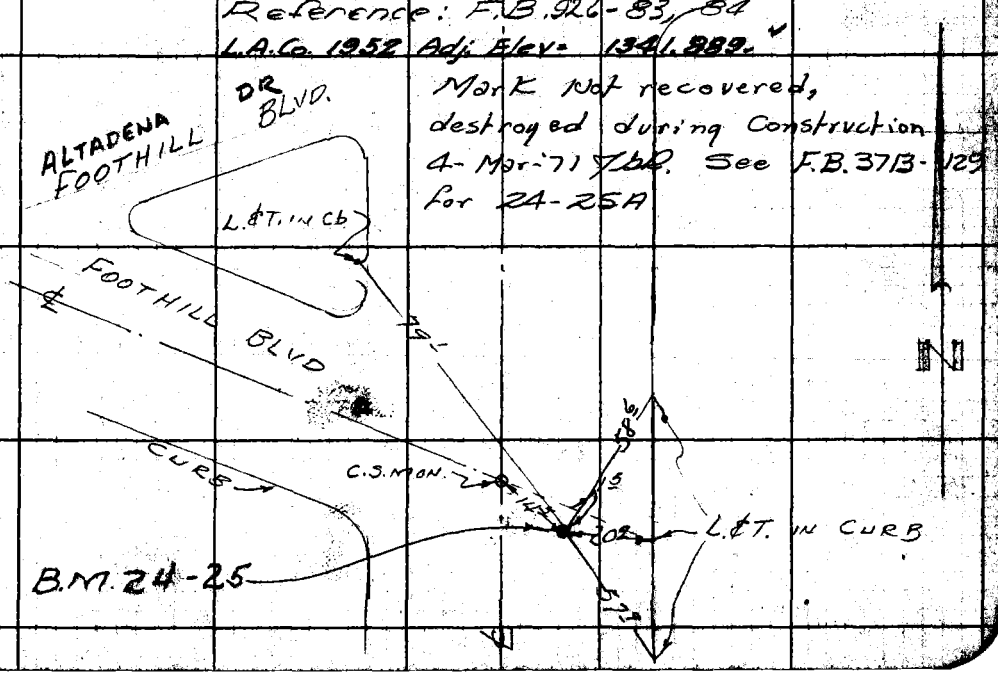
Station Marks: A standard 4 inch brass tablet, inscribed: "L.A. County Survey Control System Traverse Station Altadena T-2 R.E. 2177 Set by County Surveyor 1940," was set in concrete, 2 inches below the subgrade of street.

No Sub-Surface mark.

Reference: F.B. 926-83, 84

L.A.Co. 1952 Adj. Elev. 1341.989.

Mark Not recovered, destroyed during Construction 4-Mar-71 TBD. See F.B. 3713-129 for 24-25A



B.M. 24-25

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

78F3095 247 2-51

F.B. 1387 PG. 30

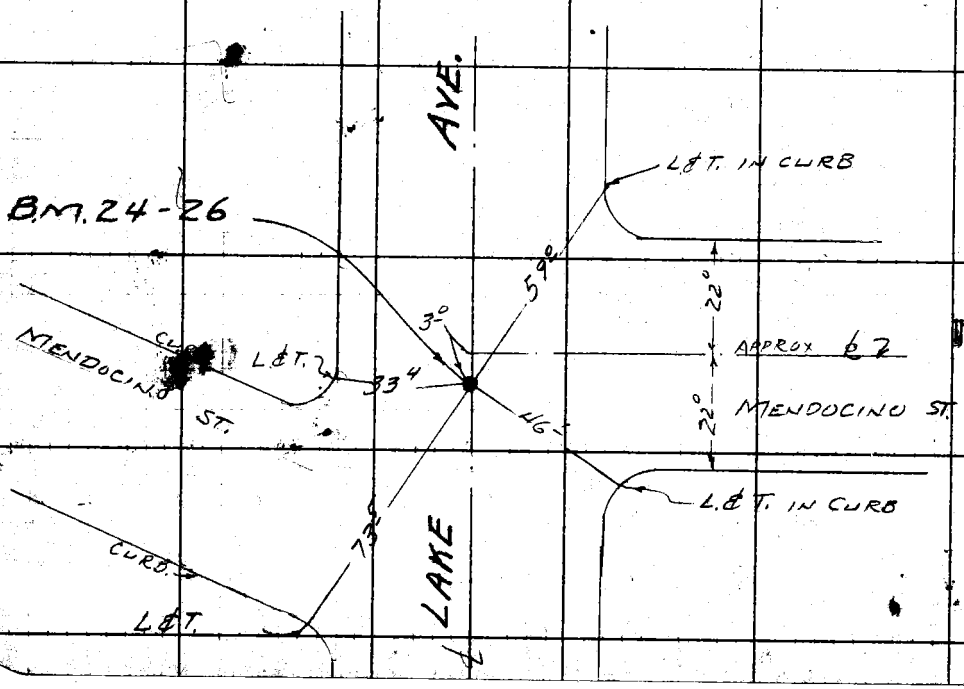
B.M. 24-26 (Altadena I-2A

This station is in the town of Altadena, in the intersection of Lake Ave. and Mendocino St., (easterly from Lake Ave.), 33.0 ft. westerly from the easterly curb line of Lake Ave., produced southerly, and 25.2 ft. southerly from the northerly curb line of Mendocino St. (easterly from Lake Ave.) produced westerly, in a well cut through the pavement and protected by a cast iron cover marked "County Surveyor Monument."

Station Mark: A standard 4 inch brass tablet, inscribed: "L.A. County Survey Control System Traverse Station Altadena I-2A R.E. 2177 Set by County Surveyor 1940," was set in concrete, 2 inches below the subgrade of Street No sub-surface mark.

Reference: F.B. 326-85, 86

L.A. Co. 1952 Adj. Elev. 1243.998



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

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Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	W. O. 4423 Tape No. St'd. °F
Office Work	Surveyed by G.E. Dreier
Checked	Notes G.E. Dreier Date 10-14-52
Date	Indexed C. Johnson

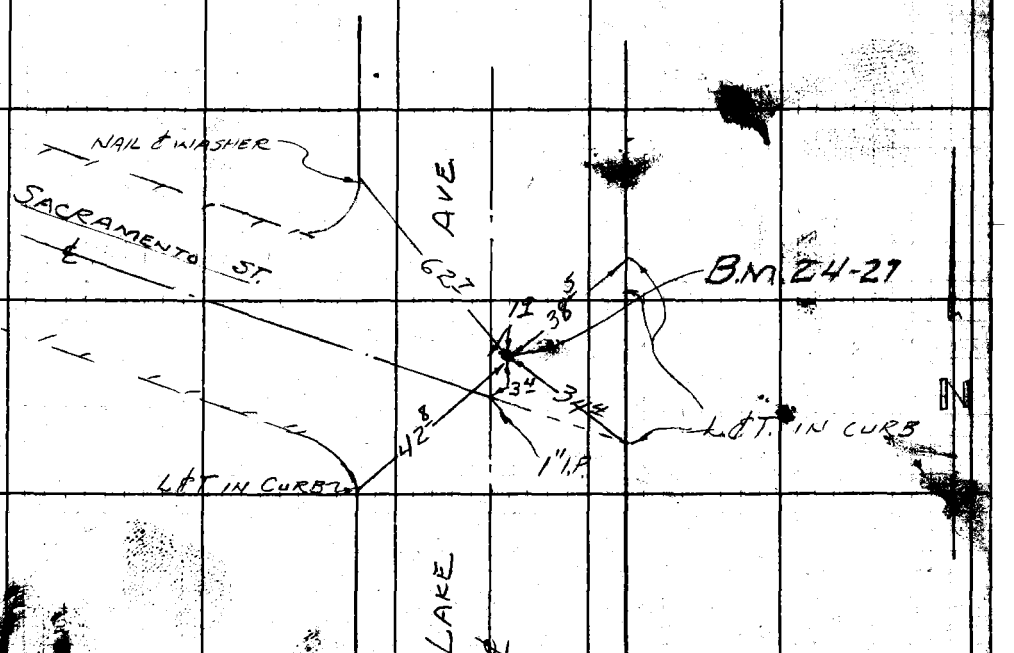
F.B. 1387 Pg. 31

B.M. 24-27 (ALTADENA I-3)

THIS STATION IS IN THE TOWN OF ALTADENA, IN THE INTERSECTION OF LAKE AVE., AND SACRAMENTO ST, 31.1 FT WESTERLY FROM THE EASTERLY CURB OF LAKE AVE, AND 1.4 FT NORTHEASTERLY FROM THE APPROXIMATE CENTER LINE OF PAVEMENT ON SACRAMENTO ST, PRODUCED SOUTH-EASTERLY, IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

STATION MARK: A STANDARD 4 INCH BRASS TABLET, INSCRIBED: "L.A. COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION ALTADENA I-3 RE. 2177 SET BY COUNTY SURVEYOR 1940," WAS SET IN CONCRETE, 2 INCHES BELOW THE SUBGRADE OF STREET.

L.A. Co. 1952 Adj. Elev. 1152.909



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RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3096 247 2-51

F.B. 1387 PG. 32

B.M. 24-28

ALTADENA DR

ALTADENA, AT FOOTHILL BLVD AND HOLLISTON AVE, A STANDARD COUNTY SURVEYOR MONUMENT "R.E. 2177" SET IN CONCRETE 11 INCHES BELOW THE SURFACE ON THE ℄ INTERSECTION OF THE STREETS IN A WELL AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

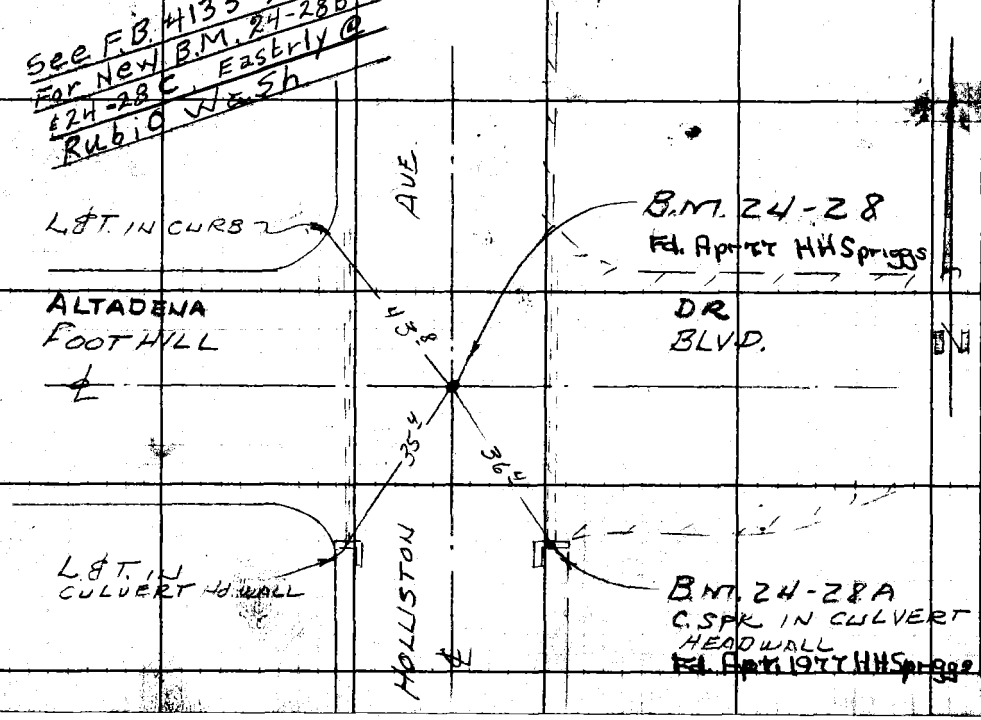
L.A. Co. 1952 Adj. Elev. 1378.840 ✓

B.M. 24-28A (U.S. 664)

ALTADENA, AT S.E. COR OF FOOTHILL BLVD. AND HOLLISTON AVE., IN CONCRETE CULVERT, HEAD OF ~~NAIL, MARKED "U.S.B.M. 1377.3"~~ SMALL CUT SPIKE. ✓

L.A. Co. 1952 Adj. Elev. 1377.526

See F.B. 4133-27 For New B.M. 24-28B & 24-28C, Eastrly @ Rubio Wash



RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
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Noted Ck'd by	Survey of L.A.Co. PRECISE LEVELING
Map No.	W. O. 1423 Maps No. St'd. °F
Office Work	Surveyed by C.E. DREIER
Checked	Notes G.E. DREIER Date 10-8-52
Date	Indexed O. Johnson

F.B. 1387 PG. 33

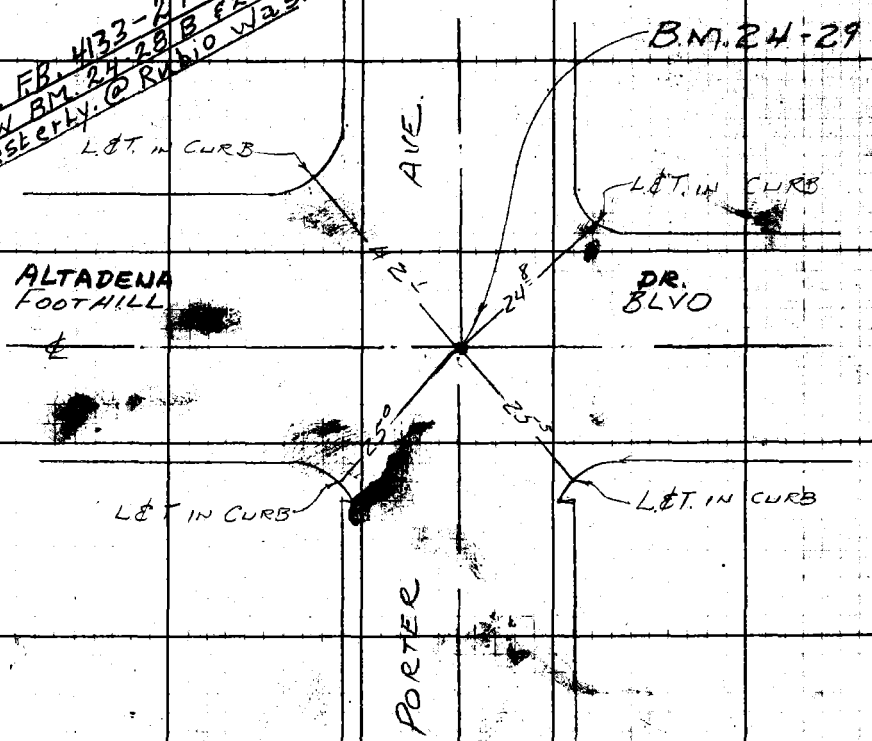
BM 24-29

ALTADENA, AT FOOTHILL BLVD AND PORTER AVE. & INTERSECTION, A STANDARD COUNTY SURVEYOR MONUMENT, "R.E. 2177" SET IN CONCRETE 10 INCHES BELOW THE SURFACE IN A WELL PROTECTED BY A CAST IRON COVER MARKED: "COUNTY SURVEYOR MONUMENT."

L.A.Co. 1952 Adj. Elev. = 1383.874

Fd. April '77 HHSpriggs

See FB. 4133-27
New BM. 24-28 B 24-28C
Westerly. @ Rubio Wash



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

76P3095 247 2-51

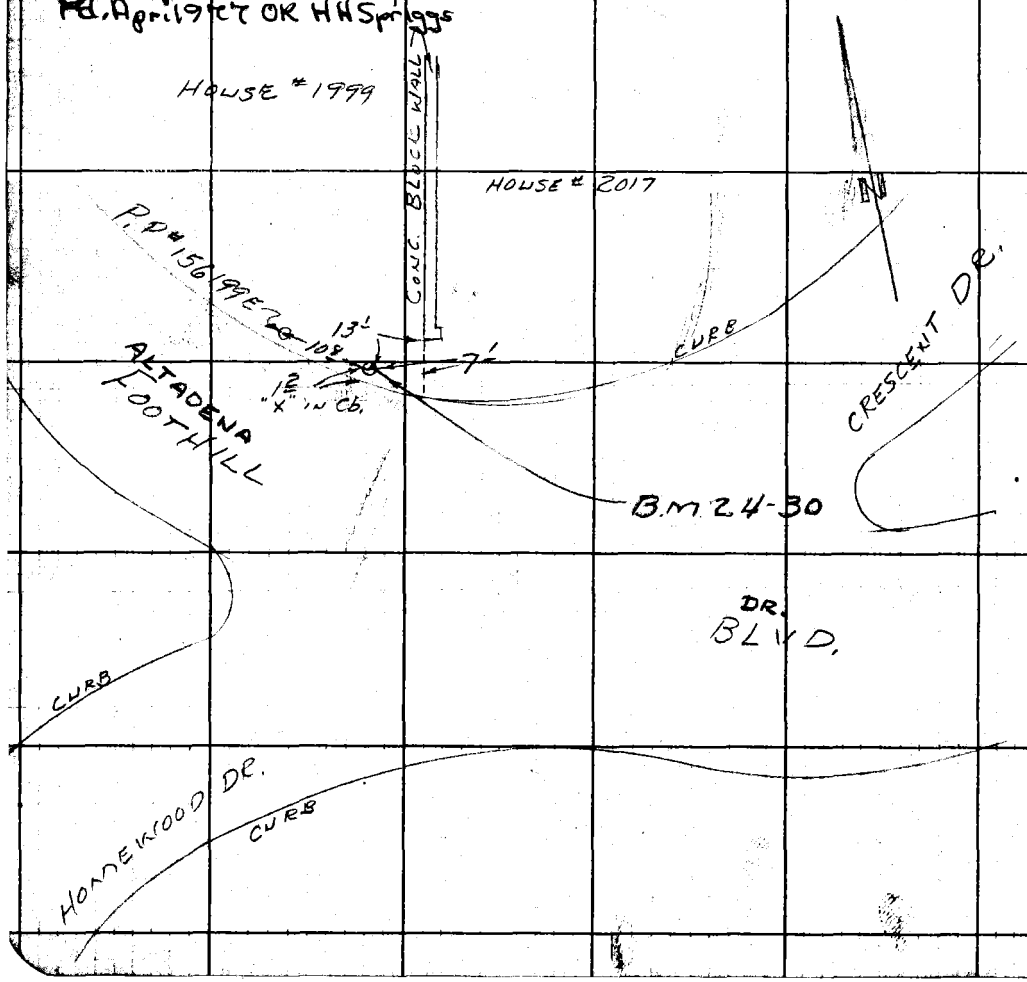
F.B. 1387 PG. 34

B.M. 24-30

IN ALTADENA, ON FOOTHILL BLVD., NORTH SIDE, AT CRESCENT DR. AND HOMEWOOD DR., A STANDARD COUNTY SURVEYOR MONUMENT STAMPED "B.M 24-30 1952 R.E. 63" SET IN CONCRETE 14 INCHES BELOW THE TOP OF THE CURB, 13.1 FT S.W'LY FROM THE CORNER OF A CONCRETE BLOCK WALL BETWEEN HOUSE #1999 AND HOUSE #2017, 10.8 FT EAST OF POWER POLE #156199E, AND 1.2 FT. FROM A "X" CUT IN THE TOP OF THE CURB, IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

L.A. Co. 1952 Adj. Elev = 1332.282

Fd. April 1977 OR HH Spriggs



RETURN TO
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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
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 10-8-52
Date	Indexed C. Johnson

F.B. 1387 Pg. 35

B.M. 24-31 (U.S. 2943 B 173)

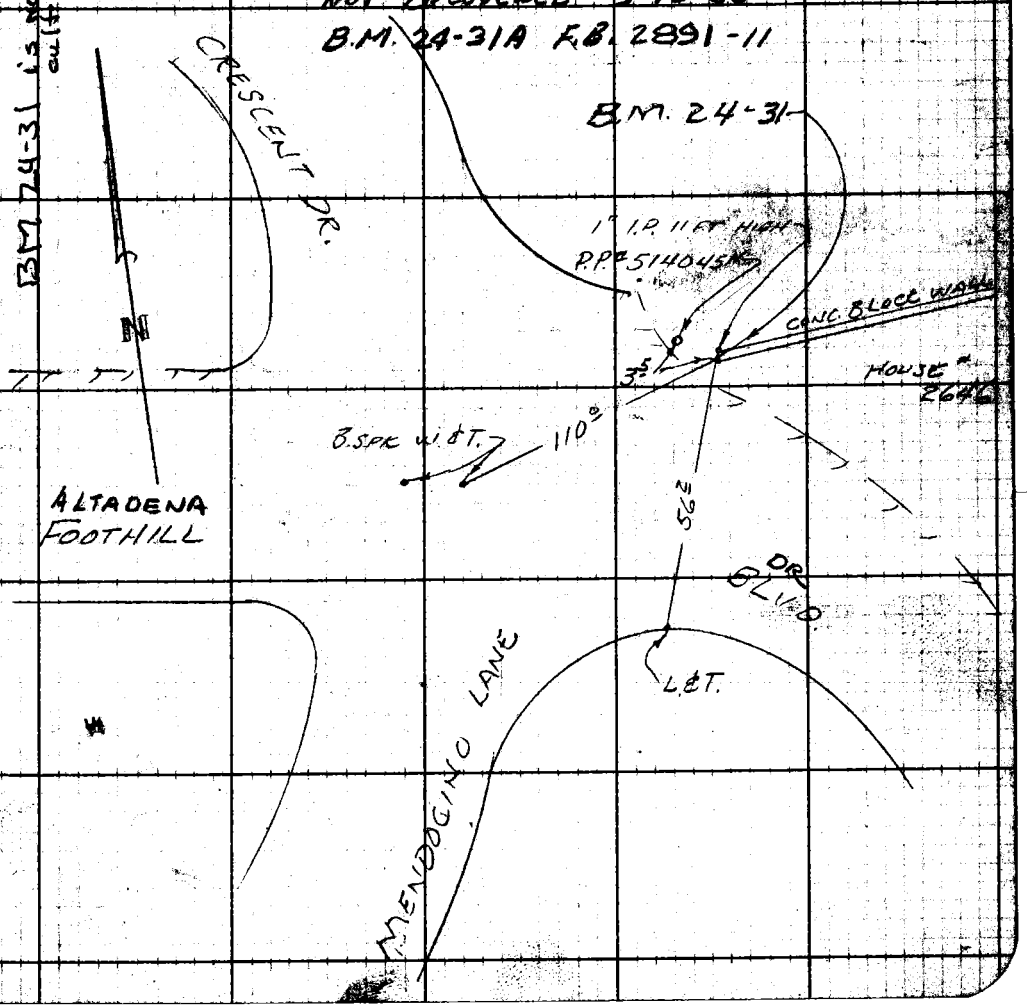
MOVED - NEW DESCRIPTION: IN ALTADENA, ON THE N.E. COR. OF THE INTERSECTION OF FOOTHILL BLVD. (ALTADENA DR) AND CRESCENT DR., AT THE SITE OF THE OLD MT. WILSON TOLL HOUSE, AT THE SW'LY END OF AN 8" CONCRETE BLOCK RETAINING WALL, ON W'LY SIDE OF DRIVEWAY; A STD DISK, STAMPED B-173 1934 - RESET 1945, SET VERTICALLY IN END OF WALL (L.B. 920-22)

L.A.Co. 1952 Adj. Elev. 1281.757 ✓

NOT RECOVERED 5-15-63

B.M. 24-31A F.B. 2891-11

BM 24-31 is now located in a dist. cult. situation to get to HHS 5-5-52



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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76P3098 247 2-51

F.B. 1387 PG. 36

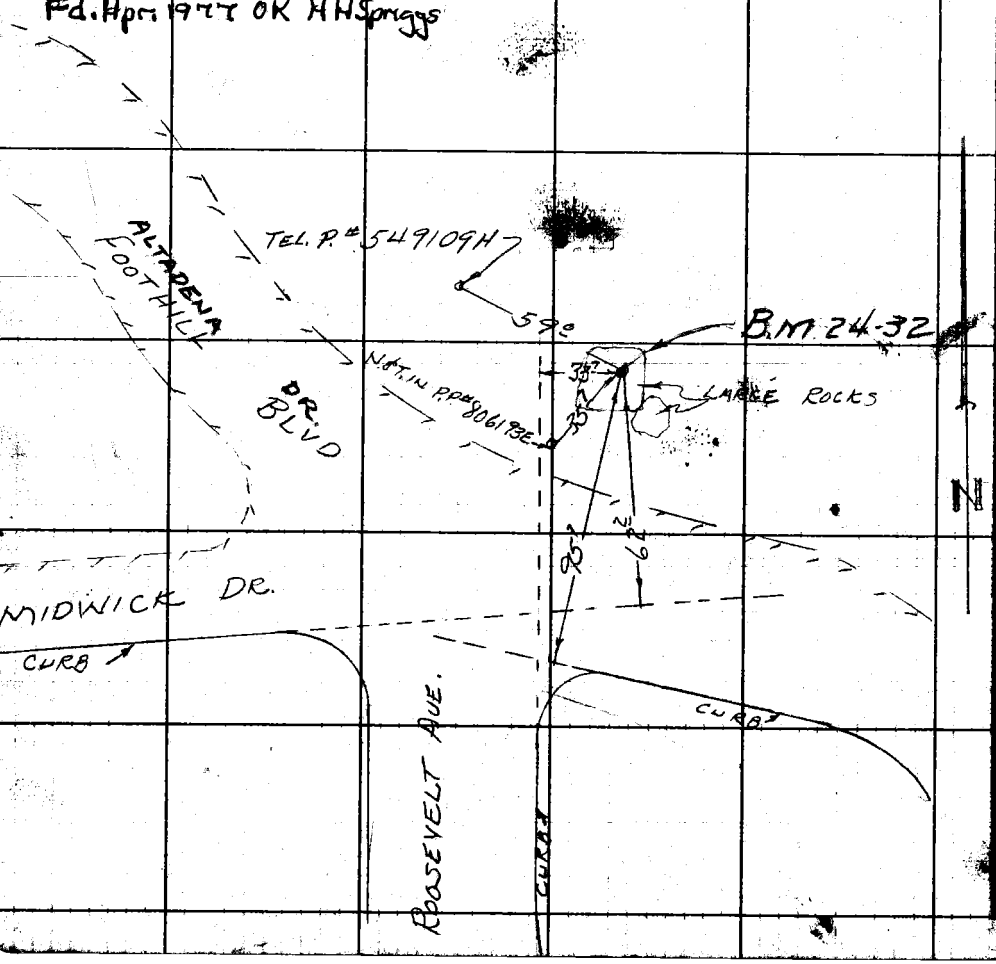
USC&GS

B.M. 24-32 (U.S. 2942 A-173)

AT PASADENA, ON ALTADENA DR FOOTHILL BLVD, 0.4 MI. S. OF MT. WILSON TOLL HOUSE, 40' E. OF E. EDGE OF BOULEVARD, ~~40' E. OF POWER POLE # 201172E~~, (FT. NORTEASTERLY FROM POWER POLE # 806193E) ON TOP OF A CONE SHAPED ROCK ABOUT 6' IN DIAMETER AT THE BASE AND 4½' HIGH, STD. DISK, STAMPED "A-173 1934" AND SET IN THE TOP OF A BOULDER. (AT THE INTERSECTION OF ALTADENA DR. FOOTHILL BLVD WITH ROOSEVELT AVE AND MIDWICK DR.)

L.A. Co. 1952 Adj. Elev. 1152.130

Fd. Apr. 1977 OK HHSpriggs



RETURN TO
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Notes Ck'd by	Survey of L.A.Co. Precise Level Net
Map No.	W.O. 4923 Tape No. Std. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 9-30-52
Date	Indexed C. Johnson

F.B. 1387 Pg. 37

[illegible] (U.S. [illegible] RESET 1950)

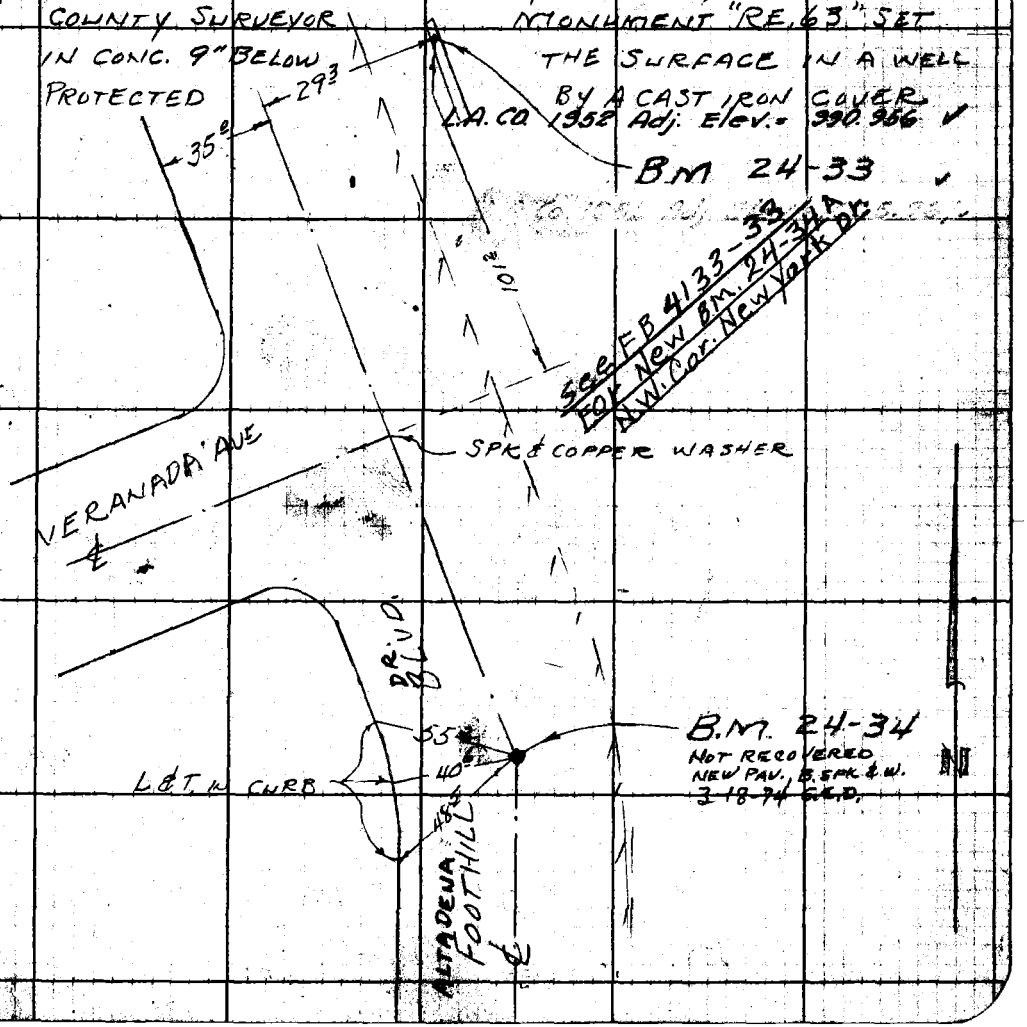
AT PASADENA, ON ALTADENA DR FOOTHILL, ABT. 1.0 MI. S. OF MT. WILSON TOLL HOUSE, AT THE N.E. COR. OF A LARGE CONCRETE CULVERT, ~~15'E.~~ 29³ OF THE ℄ OF THE ROAD, 1'S OF THE N END OF THE E. HEADWALL, HEADWALL HAS A 2" PIPE RAILING ON TOP OF IT. STD. DISK, STAMPED "Z 172 1934" AND SET IN CONCRETE CULVERT (RESET 1950) (101² N'LY FROM ℄ VERANADA AVE)

B.M. 24-34 L.A.CO. 1952 Adj. Elev. = 1005.967

See F.B. 3713-147 Reset 1968

ON ALTADENA DR FOOTHILL BLVD., AT ℄ ANGLE POINT BETWEEN VERANDA AVE AND NEW YORK AVE, A STANDARD COUNTY SURVEYOR MONUMENT "RE.63" SET IN CONC. 9" BELOW THE SURFACE IN A WELL PROTECTED BY A CAST IRON COVER

L.A.CO. 1952 Adj. Elev. = 990.956



Note: Any Additions or Changes on this Sheet Must 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. 1387 PG. 38

B.M. 24-35 (SIERRA MADRE A-4A)

THIS STATION IS IN THE TOWN OF ALTADENA, IN NORTH FOOTHILL BLVD., 4.28 FT. NORTHERLY FROM THE NORTHERLY CURB LINE OF GARFIAS DR., PRODUCED EASTERLY, AND 28.7 FT. EASTERLY FROM THE WESTERLY CURB OF NORTH FOOTHILL BLVD., IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

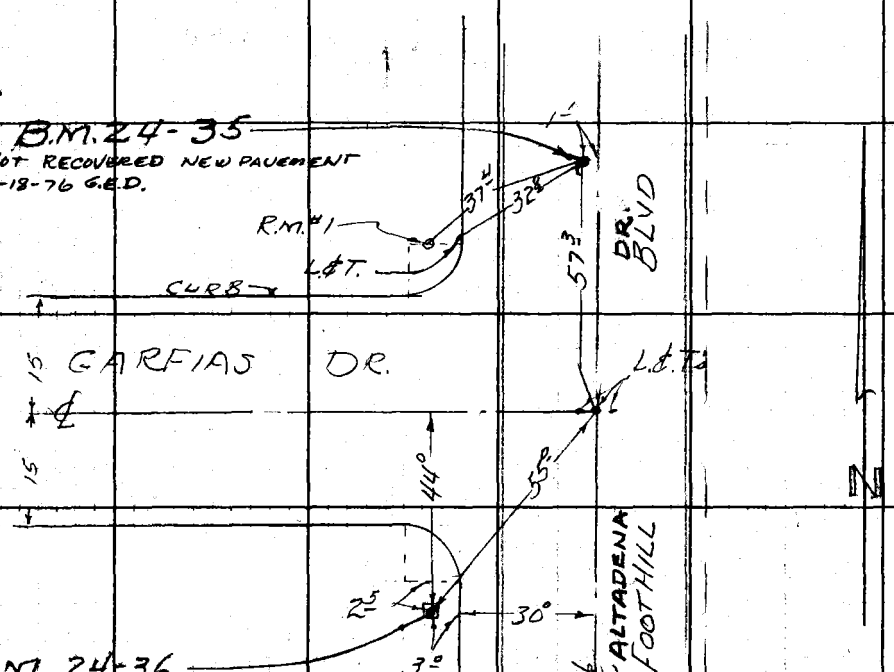
STATION MARK: A STANDARD 4 INCH BRASS TABLET, INSCRIBED "L.A. COUNTY SURVEY CONTROL SYSTEM TRIANGULATION STATION SIERRA MADRE 1940," WAS SET IN CONCRETE, 2 INCHES BELOW THE SUBGRADE OF STREET.

L.A.Co. 1952 Adj. Elev. 941.160

B.M. 24-36 (U.S. 2940 Y-172)

AT PASADENA, AT THE S.W. COR. OF THE INTERSECT. OF FOOTHILL BLVD. AND GARFIAS DR., DUE W. OF THE N. WALL OF CAFE DES ARTS, 30' S. OF S. CURB OF GARFIAS DR., 2' W. OF W. CURB OF FOOTHILL DR., A STD. DISK STAMPED "Y 172 1934" AND SET IN THE TOP OF A CONC. POST.

L.A.Co. 1952 Adj. Elev. = 939.586



Ed. Mar 1977 H.H. Spraggs

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 E.E. DREIER
Checked	Notes E.E. DREIER Date 10-13-52
Date	Indexed C. Johnson

F.B. 1387 Pg. 39

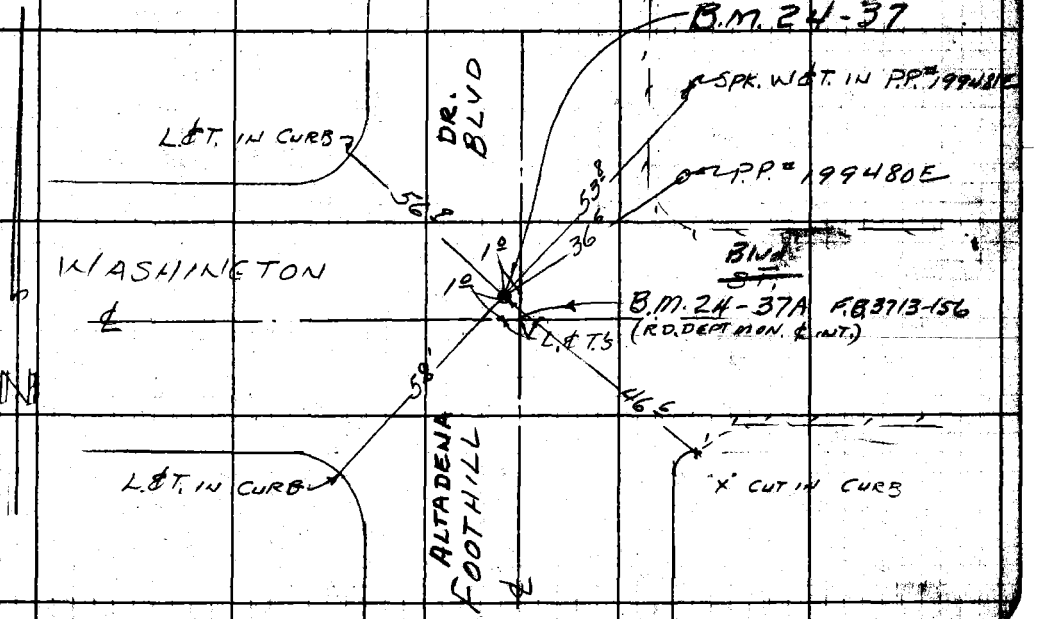
B.M. 24-37 (SIERRA MADRE A-4B)

THIS STATION IS NEAR THE LIMITS OF THE CITY OF PASADENA IN THE INTERSECTION OF WASHINGTON ST. AND NORTH FOOTHILL BLVD., 29.0 FT. EASTERLY FROM THE WESTERLY CURB LINE OF NORTH FOOTHILL BLVD. (SOUTHERLY FROM WASHINGTON ST.) PRODUCED NORTHERLY, AND 26.5 FT. NORTHERLY FROM THE SOUTHERLY CURB LINE OF WASHINGTON ST. (WESTERLY FROM NORTH FOOTHILL BLVD.) PRODUCED EASTERLY, IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

STATION MARK A STANDARD 4 INCH BRASS TABLET, INSCRIBED: "L.A. COUNTY SURVEY CONTROL SYSTEM TRIANGULATION STATION SIERRA MADRE A-4B RE 2177 SET BY COUNTY SURVEYOR 1940," WAS SET IN CONCRETE, 2 INCHES BELOW THE SUBGRADE OF STREET.

NOT RECOVERED, NEW PAV. 3-18-74 G.E.D

L.A. Co. 1952 Adj. Elev. = 909.562



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Do not extend notes this side of this line.

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

76F3058 247 2-51

F. B. 1387 PG. 40

B.M. 24-38 (SIERRA MADRE A-5)

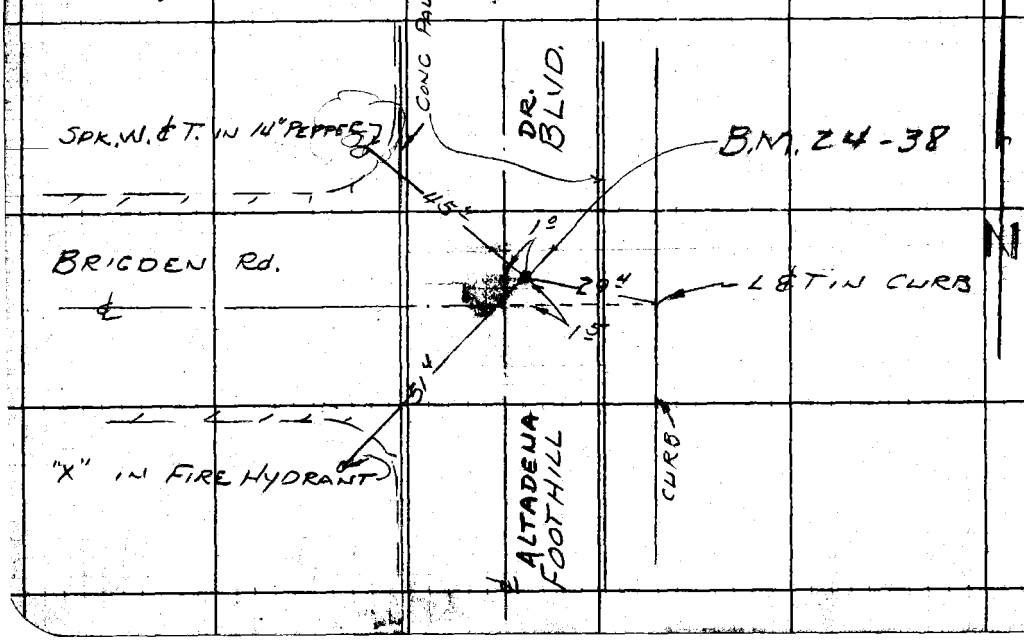
THIS STATION IS IN THE CITY OF PASADENA, IN THE INTERSECTION OF BRIGDEN AND NORTH FOOTHILL ALTADENA DR. BLVDS., 237.4 FT. SOUTHERLY FROM THE SOUTHERLY CURB LINE OF NORTH AVE., PRODUCED WESTERLY, AND 29.24 FT. WESTERLY FROM A LEAD AND TACK (MARKED B.M.) IN THE EASTERLY CURB OF NORTH FOOTHILL ALTADENA DR. BLVD., IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

STATION MARK: A STANDARD 4 INCH BRASS TABLET, INSCRIBED: "L.A. COUNTY SURVEY CONTROL SYSTEM TRIANGULATION STATION SIERRA MADRE A-5 RE. 2177 SET BY COUNTY SURVEYOR 1940," WAS SET IN CONCRETE, 2 INCHES BELOW THE SURGRADE OF STREET.

NOTE:- THIS MON. STAMPED C-5 OR POSSIBLY O-5 INSTEAD OF A-5

L.A. Co. 1952 Adj. Elev = 880.818

Fd. Apr. 1972 H.H. Spriggs



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 10-14-52
Date	Indexed E. O. Johnson

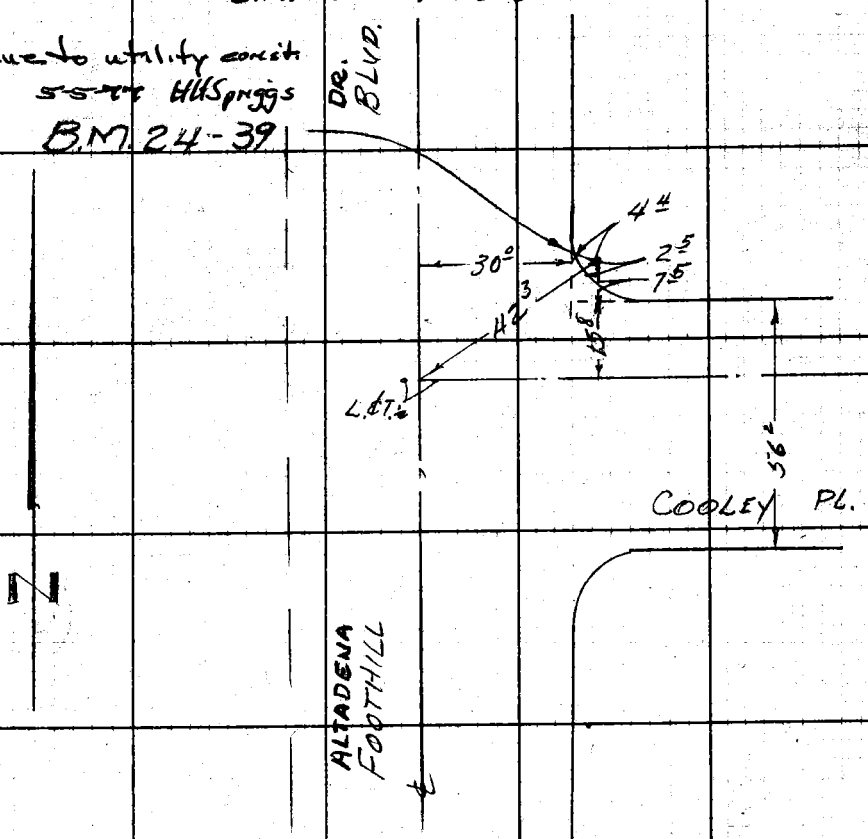
F.B. 1387 Pg. 41

B.M. 24-39 (U.S. 2939 X 172)

AT PASADENA, AT THE N.E. COR OF THE INTER-
SECTION OF FOOTHILL BLVD. AND COOLEY PL.,
ALTADENA DR
2 FT E. OF CURB AT POINT WHERE CURB
CURVES E., 10' S OF POWER POLE #11966-M
A STD. DISK STAMPED "X 172 1934" AND
SET IN THE TOP OF A CONC. POST.
(0.4 HIGHER THAN CURB)

L.A.Co. 1952 Adj. Elev. = 862.306 ✓
NOT RECOVERED
B.M. 24-39A. F.B. 2891-12

Lost due to utility const.
5-5-77 HHSpriggs



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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

OK 5-23-66 G.E.D. SEE F.B. 3713-161

F.B. 1387 PG. 42

NOT RECOVERED
B.M. 24-40A F.B. 2891-13
(METROPOLITAN 53 W) altadena Drive

B.M. 24-40

AT PASADENA, CALIFORNIA, ON SANTA ANITA AVE., 0.1 MILE NORTH OF ITS INTERSECTION WITH PALOMA ST., 5 FEET EAST OF THE EAST CURB AND 15 FEET NORTH OF POWER-LINE POLE #11970-M. A STANDARD BRONZE DISK SET IN CONCRETE POST. ~~AND SURROUNDED BY FENCE.~~

L.A.Co. 1952 Adj. Elev. - 850.129

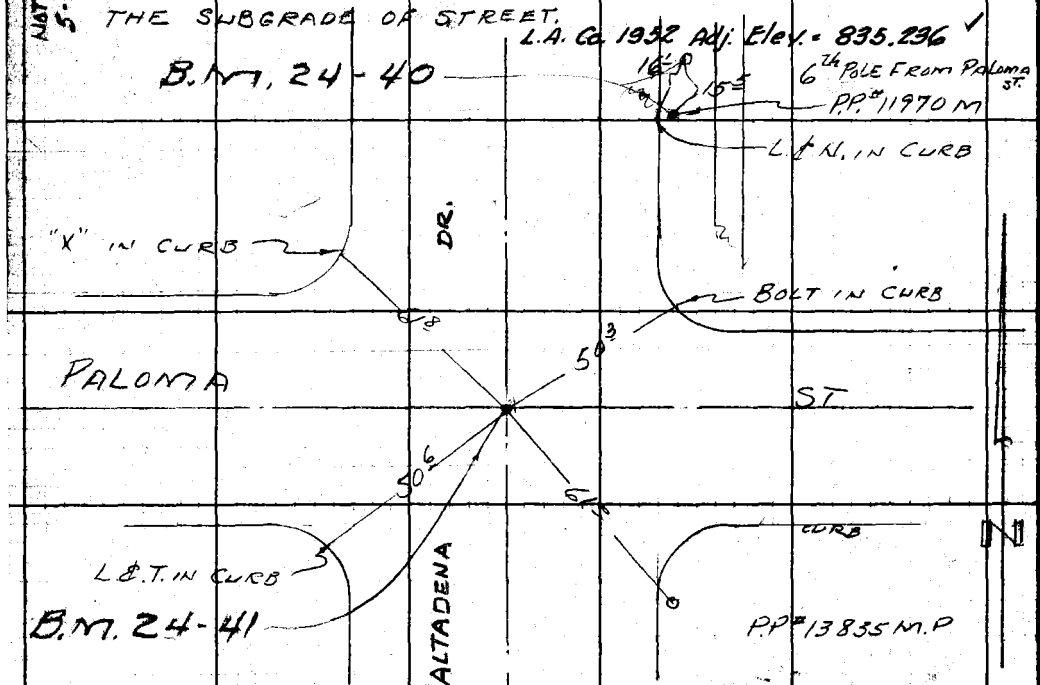
B.M. 24-41 (SIERRA MADRE A-5 A)

THIS STATION IS IN THE INTERSECTION OF PALOMA ST. AND NORTH FOOTHILL BLVD. ALTADENA DR., IN THE CITY OF PASADENA, 22.3 FT. NORTHERLY FROM THE SOUTHERLY CURB LINE OF PALOMA ST. (WESTERLY FROM NORTH FOOTHILL BLVD.) PRODUCED EASTERLY, AND 29.8 FT. EASTERLY FROM THE WESTERLY CURB LINE OF NORTH FOOTHILL BLVD. (SOUTHERLY FROM PALOMA ST.) PRODUCED NORTHERLY, IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

STATION MARK: A STANDARD 4 INCH BRASS TABLET, INSCRIBED: "L.A. COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION SIERRA MADRE A-5A R.E. 2177 SET BY COUNTY SURVEYOR 1940," WAS SET IN CONCRETE, 2 INCHES BELOW THE SUBGRADE OF STREET.

L.A. Co. 1952 Adj. Elev. - 835.236

NOT RECOVERED DUG 20 5-23-66 G.E.D.



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

Do not extend notes this side of this line.

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43

F. B. 1989 Pg. 43

Notes Ch'd by	Survey at L.A. Co. PRECISE LEVEL NET
Map No.	W. Of 2925 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 9-9-52
Date	Indexed L. C. Johnson

~~B.M. 24-43 (SIERRA MADRE B-5)~~

NEW DESCRIPTION: THIS STATION IS NEAR THE EASTERLY LIMITS OF THE CITY OF PASADENA, IN SIERRA MADRE BLVD, NELY FROM PALOMA ST., IN LOS ANGELES COUNTY, 542.0 FT WLY FROM THE LINE MIDWAY BETWEEN 42 INCH TWIN CULVERTS OF EATON WASH UNDER SIERRA MADRE BLVD, 33 FT NLY FROM THE S. CURB IN SIERRA MADRE BLVD., IN FRONT OF HSE. #2922, 59.0 FT NWLY FROM A L&T WITH R.E TAG #2410 IN CURB ON NLY PROD OF ELY LINE OF LOT WITH HSE #2922 AND 41.7 FT NELY FROM A L&T WITH R.E TAG #2410 IN CURB ON NLY PROD OF WLY LINE OF LOT WITH HSE #2922, IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

STATION MARK: A STANDARD 4 IN. BRASS TABLET, INSCRIBED "L.A. COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION SIERRA MADRE B-5 R.E 2177 SET BY COUNTY SURVEYOR 1940", WAS SET IN CONCRETE 2 INCHES BELOW THE SUBGRADE OF STREET.

L.A.Co 1952 Adj. Elev: 804.832 V

B.M 24-43 (METROPOLITAN 53V)

SIERRA MADRE, CALIFORNIA, 2.0 MILES WEST OF, ON THE SIERRA MADRE SPUR OF THE PACIFIC ELECTRIC RAILROAD, ~~25 FT S.E. OF TROLLEY LINE POLE~~ (POLE OUT) # ~~46(P9-R~~ IN THE S.E. CORNER OF CONCRETE (TRACKS OUT) ABUTMENT OF WOODEN TRESLE, ~~9 FT S OF AND 3 FT BELOW THE TRACKS~~ A STD. BRONZE DISK SET IN CONCRETE ABUTMENT.

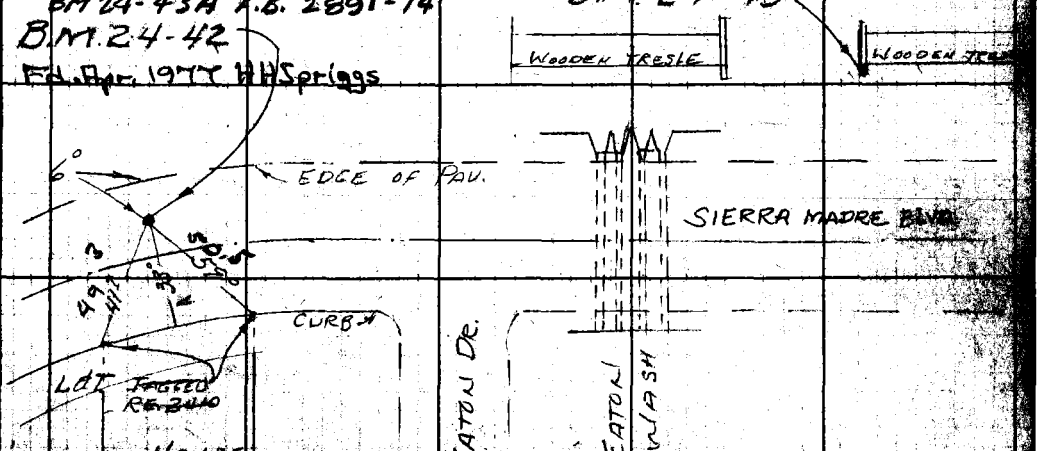
L.A.Co. 1952 Adj. Elev. ~~[illegible]~~

NOT RECOVERED
BM 24-43A F.B. 2891-14

B.M. 24-43

B.M. 24-42

Fd. Apr. 1977 HHSpriggs



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

LEPOSS 247 2-51

F.B. 1387 PG. 44

B.M. 24-44 (SIERRA MADRE C-5A)

This station is in the northeast section of the city of Pasadena, at the intersection of the south drive of Sierra Madre Blvd. with Sierra Madre Villa Ave., in a well cut through the pavement and protected by a cast iron cover marked: "County Surveyor Monument".

Station Mark: A standard 4" brass tablet inscribed: L.A. County Survey Control System Traverse Station, Sierra Madre C-5A, R.E. 2177, Set by County Surveyor 1940," was set in concrete 2" below the subgrade of highway.

L.A. Co. 1952 Adj. Elev. = 851.744'

NOT RECOVERED 5-16-63

B.M. 24-44A F.B. 2891-15

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

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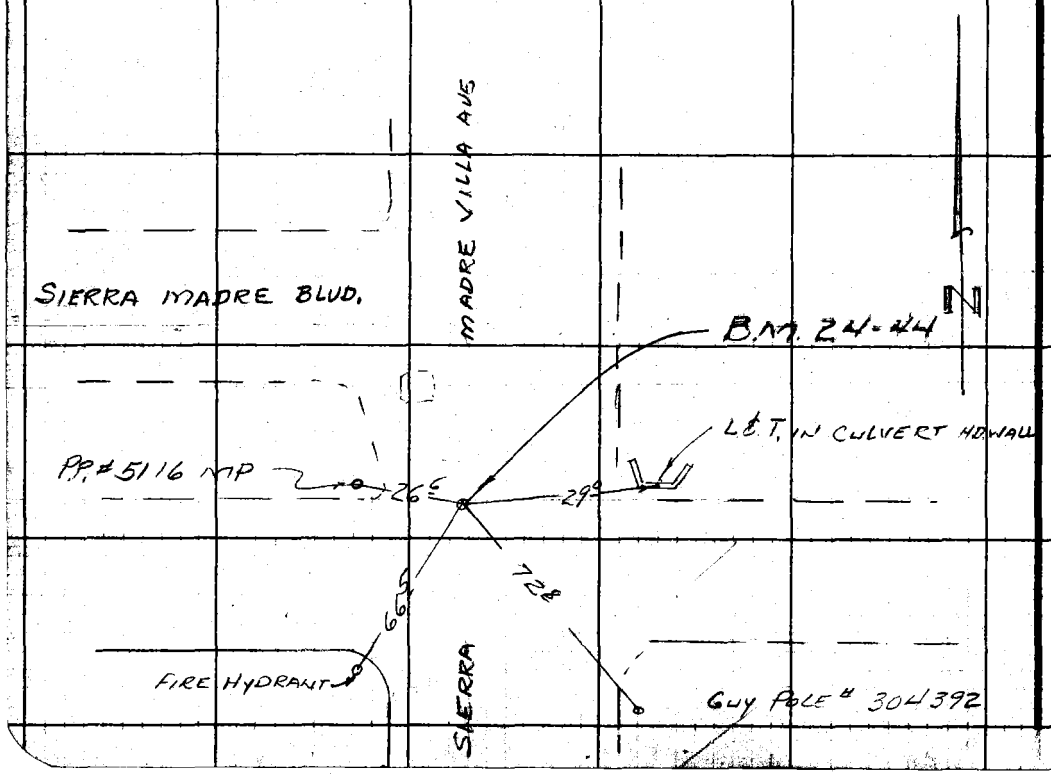


Notes Ck'd by	Survey of L.A. Co. PRECISE LEVEL NET
Map No.	W. O. 4723 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 9-9-52
Date	Indexed O. Johnson

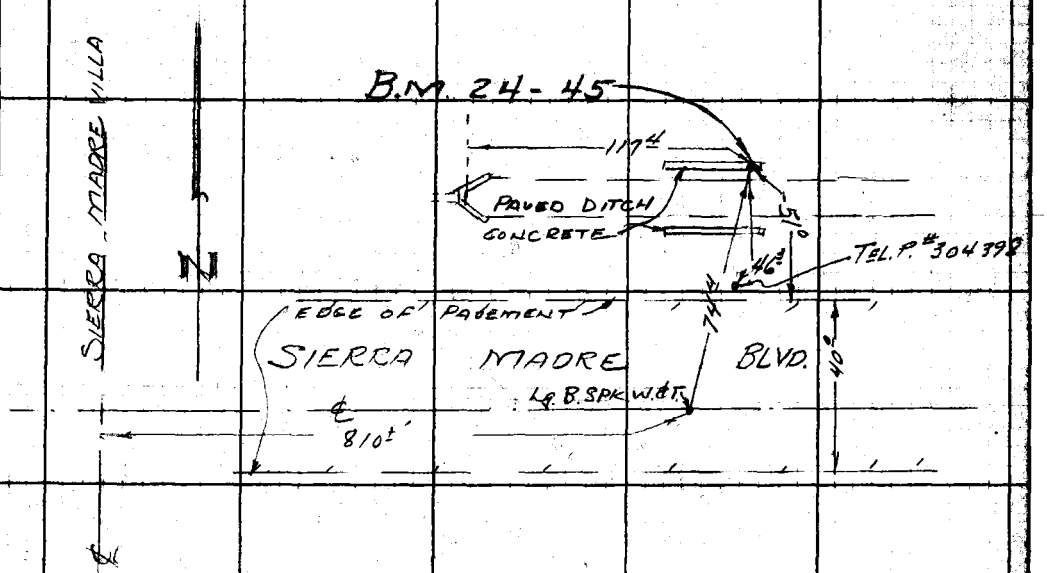
F. B. 1387 PG. 45

B.M. 24-45 (METROPOLITAN 350)

SIERRA MADRE, CALIFORNIA, 1.5 MILES W OF, ON THE SIERRA MADRE SPUR OF THE PACIFIC ELECTRIC RAILROAD, 19 FT NORTH OF THE TRACKS, 17 FT NORTHWEST OF TROLLEY LINE POLE # 4C713-R, IN THE NORTHEAST CORNER OF CONCRETE VIADUCT. A STANDARD BRONZE DISK SET IN CONCRETE VIADUCT.

L.A. Co. 1952 Adj. Elev. = 878.854

NOT RECOVERED 5-15-63



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

TRP2005 247 2-51

F.B. 1387 PG. 46

B.M. 24-46

SIERRA MADRE, AT SIERRA MADRE BLVD. AND MICHILLINDA AVE., NORTH EAST CORNER, A 4 INCH BRASS TABLET STAMPED:- "L.A. COUNTY SURVEY CONTROL SYSTEM R.M. 1 SIERRA MADRE D-5 1940" SET IN THE TOP OF A CONCRETE POST, 9 INCHES LOWER THAN THE TOP OF CURB, 1.3 BACK OF THE CURB AND 1.5 N.E'LY FROM A LEAD AND TACK. TOP OF CURB MARKED- "B.M. 24-46"

Lost, due to street widening 5-5-77 HH Sanders

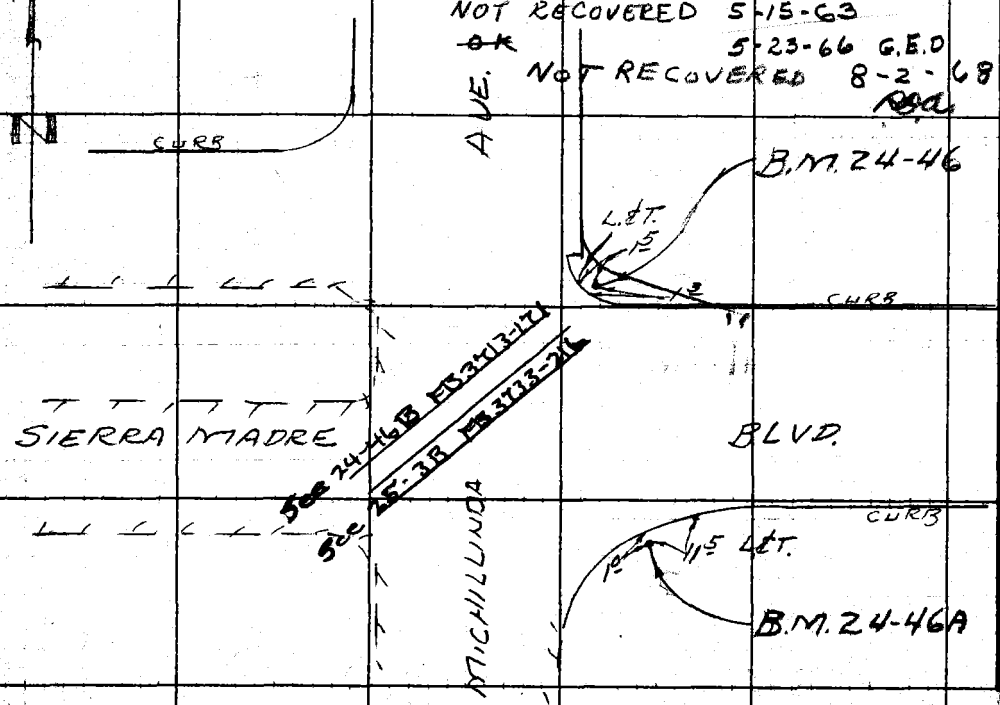
L.A. Co. 1952 Adj. Elev- 900.650
NOT RECOVERED, CURB DIF. 5-23-66 G.E.D.

B.M. 24-46A

SIERRA MADRE, AT SIERRA MADRE BLVD. AND MICHILLINDA AVE., SOUTH EAST CORNER A 4 INCH BRASS TABLET STAMPED:- "L.A. COUNTY SURVEY CONTROL SYSTEM R.M. 2 SIERRA MADRE D-5 1940," SET IN THE TOP OF A CONCRETE POST, 9 INCHES LOWER THAN THE TOP OF CURB, 1.0 FT BACK OF THE CURB, 11.5 FT. S'W'LY FROM A LEAD AND TACK. TOP OF CURB MARKED:- "B.M. 24-46A"

Not recovered, area now has concrete walk and is lost, 5-5-77 HH

L.A. Co. 1952 Adj. Elev- 896.045'
NOT RECOVERED 5-15-63
~~OK~~ 5-23-66 G.E.D
NOT RECOVERED 8-2-68
RGA



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.

Notes Checked	Survey of LA 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 9-9-52
Date	Indexed E. C. Johnson

F. B. 1387 Pg. 47

B.M. 24-47 (METROPOLITAN 53T)

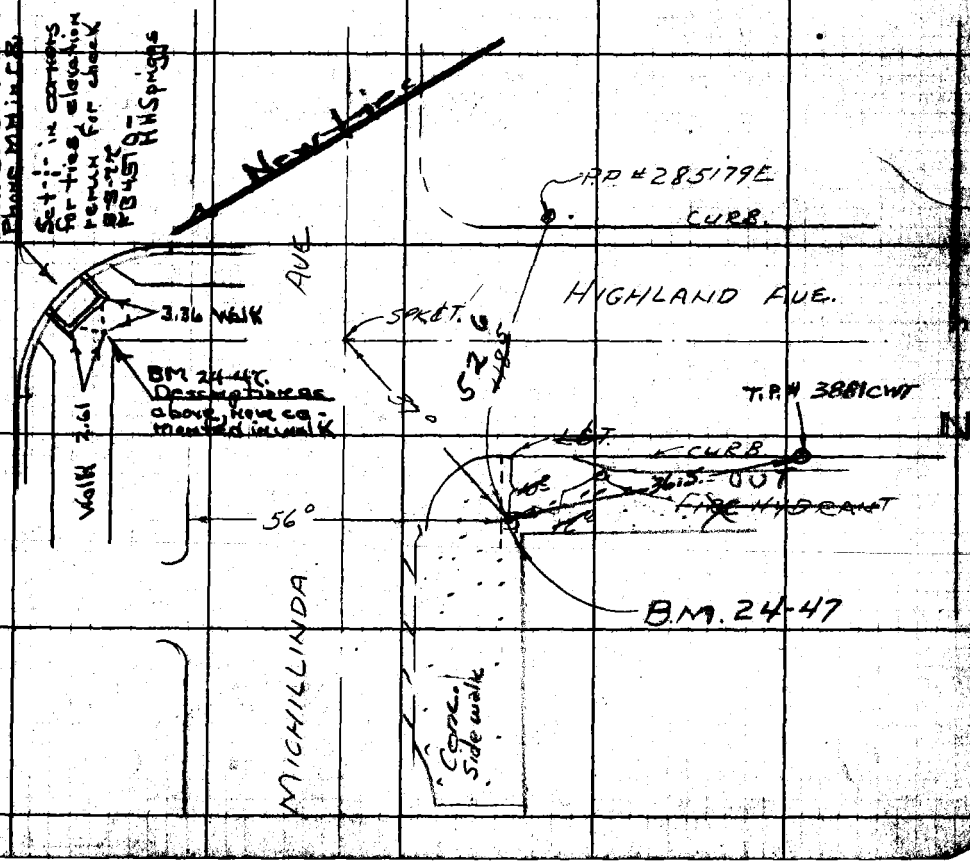
SIERRA MADRE, CALIFORNIA, 0.9 MILE NORTHWEST OF, ~~40~~ 37 FT SOUTHEAST OF THE INTERSECTION OF HIGHLAND AVE. AND ~~SIERRA MADRE~~ MICHILLINDA AVE., ~~45~~ 52.6 FT SOUTH OF POWER-LINE POLE # 285179-E. A STANDARD BRONZE DISK SET IN CONCRETE POST ~~AND PROTECTED BY 2-2"x4" UPRIGHT POSTS~~.

L.A.Co. 1952 Adj. Elev. - 957.759

A 3" BR. B.M. DISK STAMPED: "53T, 1933"

FLUSH IN SIDEWALK

36.5 ft. S.W. of T.P. # 3881 CWT 8/2/68 RCB



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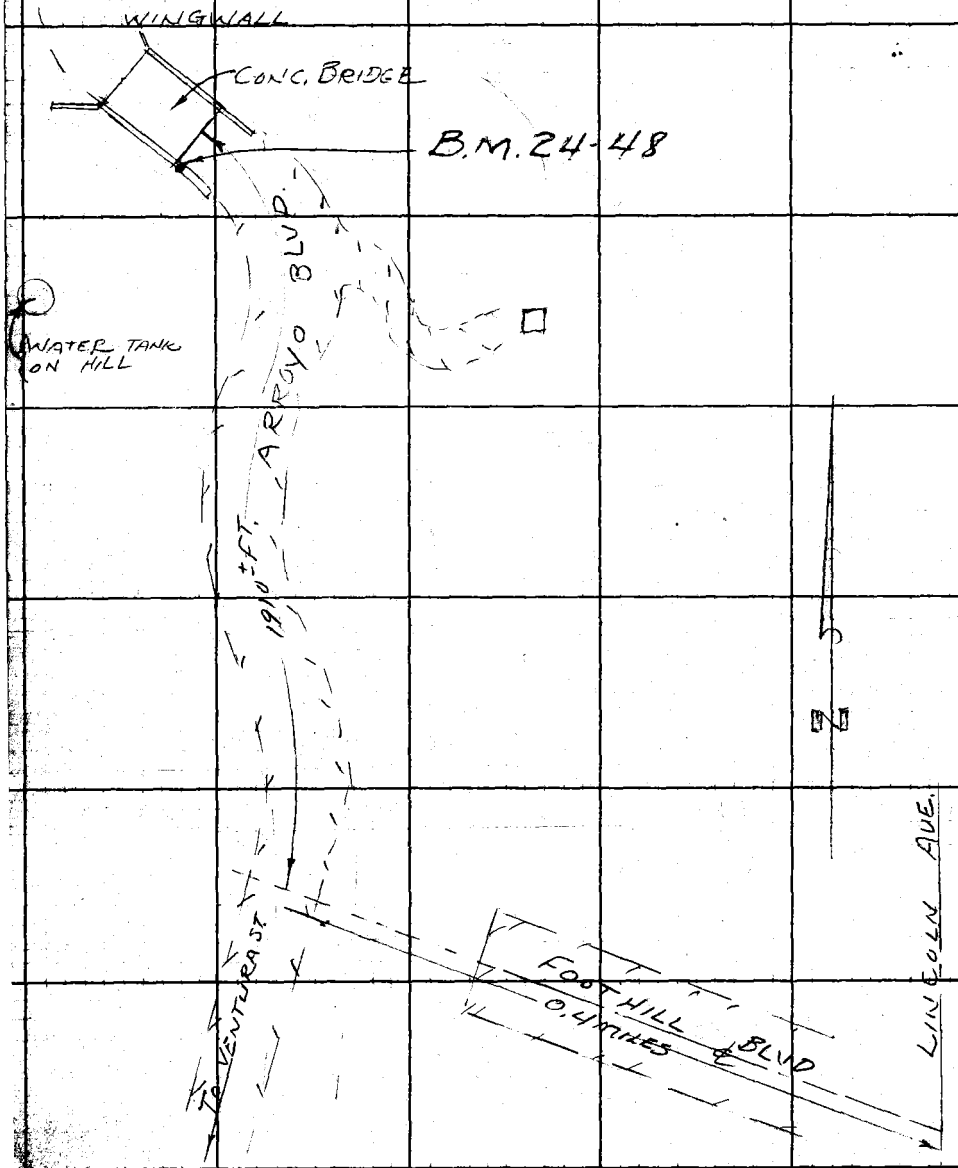
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

F.B. 1387 PG. 48

B.M. 24-48 (U.S. 2971 B-172)

2.2 MI. N.W OF ALTADENA, ON THE ARROYO SECO RD, 0.8 MI. N OF THE INTERSEC OF WINDSOR AVE. AND VENTURA ST., ON TOP OF WINGWALL AT S.W. COR. OF BRIDGE AT MOUTH OF ARROYO, AT S END OF GUARD RAIL. STD. DISK, STAMPED "B-172 1934" AND SET IN CONCRETE WINGWALL



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

Do not extend notes this side of this line.

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Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	W. Ordered Tape No. Std. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes S.H. Miller Date 11-14-52
Date	Indexed

F.B. 1387 PG. 49

B.M. T.E. 377
~~SAN GABRIEL BLVD. & CALIFORNIA ST. N.E. COR., BT. SPK.~~
IN CB. 7 FT. N. OF N END CURB RETURN
1952 ADJ. Elev. = 661.864

B.M. T.E. 379
CALIFORNIA ST. & LOS ARBOLES LANE BT. SPK. IN CURB 7.5'± FT. W OF ℄ PROD. LOS ARBOLES LANE
1952 ADJ. Elev = 668.348

B.M. CITY OF PASADENA
LAKE AVE. & CALIFORNIA ST. N.E. COR. BOLT IN CURB ON S'LY PROLONGATION OF E'LY P/L LAKE AVE.
1952 ADJ. Elev = 761.835

B.M. CITY OF PASADENA
LAKE AVE. & COLORADO ST. N.E. COR. BOLT. IN CENTER OF CURB RETURN
1952 ADJ. Elev. = 813.530

B.M. A.E. 331
MONTANA ST. & NAVARRO ST. N.E. COR, BOLT IN CURB AT N END OF CURB RETURN.
1952 ADJ. Elev = 1098.046

B.M. A[illegible]4 = AE-159
WOODBURY ROAD & EL MOLINO AVE. S.W. COR., BOLT IN CURB AT W. END OF CURB RETURN
1952 ADJ. Elev = 1096.275

B.M. A.E. 240
LINCOLN AVE. & MOUNTAIN VIEW ST. S.E. COR. BOLT IN CURB 16 FT. S OF S. END C.R.
1952 ADJ. Elev = 1161.050

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

75F3095 247 2-51

1987 Pg. 50

AE-254
FOOTHILL BLVD, S. SIDE, BT. SPK. IN CURB
IN FRONT. OF HO. Nº 86
1952 ADJ. Elev. = 1318.695

T.P.
C.S. MON. & INT. FOOTHILL BLVD. & SANTA
ANITA AVE.
1952 ADJ. Elev. = 1355.587

T.P.
C.S. MON. & INT. FOOTHILL BLVD. & HIGHLAND AVE.
1952 ADJ. Elev. = 1377.703

T.P.
FOOTHILL BLVD., ALLEN AVE., & PINE CREST DR.
N.E. COR. L & T IN CURB RETURN IN FRONT OF
HO. Nº 1869.
1952 ADJ. Elev = 1364.740

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

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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 J. SHINODA Time 1:30-2:25 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-7 To B.M. 10-6
Date 9-12-52
Indexed C. Johnson 10-22-52

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
	7247		210		#5	6917		215		B.M. 10-7
	7037		209			6702		212		SAN GABRIEL BLVD. & BLANCHARD ST.
	6828		419			6490		427		SEE F.B. 1375-13
1	21112	7.037		419	81°	20109	6.703		427	FOR DESCRIPTION
	2927		215			8726		214		
	2712		213			8512		211		T. E. LANDA
	2499		428			8301		425		
2	8138	2.713		847		25539	8.513		852	
	1341		216			8433		213		
	1125		215			8220		212		
	0910		431			8008		425		
3	3376	1.125		1.278		24661	8.220		1.277	
	2353		215			8542		212		
	2138		213			8330		210		
	1925		428			8120		422		
4	6416	2.139		1.706		24992	8.331		1.699	
	2538		216			7784		214		
	2322		212			7570		212		
	2110		428			7358		426		
5	6970	2.323		2.134		22712	7.571		2.125	
		15.337					52.33			

F.B. 1387 P.51

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. 500.10
Notes by S. SHINODA Time 1:30 - 2:25 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-7 To BM 10-6
Date 9-12-52
Indexed [redacted]

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
	3040	15.337	213	2.134		6279	39.338	213	2.125	
	2827		214			6066		213		
	2613		427			5853		426		
6	8480	2827		2.561		18198	6066		2551	
	4439		215			5571		213		
	4224		212			5358		216		
	4012		427			5142		429		
7	12675	4225		2988		16071	5357		2980	
	4389		145			5401		143		
	4244		144			5258		143		
	4100		289			5115		286		
8	12733	4244		3277		15774	5258		3266	
	4440		082			5318		088		
	4358		083			5230		085		
	4275		165			5145		173		
9	13073	4358		3442		15693	5231		3439	
										B.M T.E. 377
										SAN GABRIEL BLVD & CALIFORNIA ST
										N.E. COR. BT. SDK IN CB 7 FT
										N OF N. END C.R
		30.991					61.250			

F.B. 1387 PG 52

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 S. SHINODA Time 1:30-2:25 PM Rod No. 5&6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4929
From B.M. 10-7 To B.M. 10-6
Date 9-12-52
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4688	30.991	216	3.442		5938	61.250	211	3.439	
	4472		213			5727		214		SUMMATION OF ROD
	4259		429			5513		425		B.M. 10-7 TO B.M. 10-6
10.	13419	4473		3.871		17178	5.726		3.864	
	3368		215			7330		212		TOTAL BACKSIGHTS +41.669
	3153		211			7118		216		" FORESIGHTS −82.547
	2942		426			6902		428		DIFF. IN ELEVATION −40.878
11	9463	3.154		4.297		21350	7.117		4.292	
	3275		224			8679		226		B.M. 10-6
	3051		223			8453		223		SAN GABRIEL BLVD & LOMBARDY RD
	2828		447			8230		449		SEE F.B. 1375-13
12	9154	3.051		4.744	83°	25362	8.454		4.741	FOR DESCRIPTION
		41.669					82.547			

F.B. 1387 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 3:10-3:25 P.M. Rod No. 5 & 6

L. A. CO. PRECISE LEVEL NET
Name
Job No. 4923
From B.M. 10-6 To B.M. T.E. 377
Date 9-12-52
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
	8490		226		#5	2662		227		B.M. 10-6
	8264		223			2435		224		SAN GABRIEL BLVD & LOMBARDY RD.
	8041		449			2211		451		SEE F.B. 1375-130
1	24795	8.265		.449	85°	7308	2.436		.451	FOR DESCRIPTION
	6953		214			3411		212		
	6739		211			3199		211		π E. LANDA
	6528		425			2988		423		
2	20220	6.740		.874		9598	3.199		.874	
	5978		214			4723		214		BM T.E. 377
	5764		212			4509		210		SAN GABRIEL BLVD & CALIFORNIA AVE
	5552		426			4299		424		N.E. COR. BT. SPK. IN CB 7 FT
3	17294	5.765		1.300	85°	13531	4.510		1.298	N OF N END C.R.
										SUMMATION OF RUN
										B.M. 10-6 TO B.M. T.E. 377
										TOTAL BACKSIGHTS + 20.770
										" FORESIGHTS − 10.145
										DIFF. IN ELEVATION + 10.625
		20.770					10.145			

F.B. 387 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 Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:30-2:40 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-6 To BM TE 377
Date 9-12-52
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8695		225		#5	3292		225		BM 10-6
	8470		223			3067		225		SAN GABRIEL BLVD & LOMBARDY RD.
	8247		448			2842		450		SEE F.B. 137 - 150
1	25412	8.471		.448	83°	9201	3.067		.450	FOR DESCRIPTION
	7440		212			3472		213		
	7228		213			3259		210		π E. LANDA
	7015		425			3049		423		
2	21683	7.228		.873		9780	3.260		.873	
	5956		214			4703		214		BM T.E. 377
	5742		212			4489		212		SAN GABRIEL BLVD & CALIFORNIA ST
	5530		426			4277		426		N.E. COR, BT SPK. IN CB 7 FT
3	17228	5.743		1.299	83°	13469	4.490		1.299	N OF N END C.B.
										SUMMATION OF RUN
										BM 10-6 TO BM TE 377
										TOTAL BACKSIGHTS + 21.442
										- FORESIGHTS - 10.817
										DIFF IN ELEVATION + 10.625
		21.442					10.817			

F.B. 1387 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 CLEAR Inst. No. 500.10
Notes by S. SHINODA Time 2:55-3:05 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. T.E. 377 To B.M. 10-C
Date 9-12-52
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
	4713		215		#5	5964		213		B.M. T.E. 377
	4498		211			5751		212		SAN GABRIEL BLVD & CALIFORNIA ST.
	4287		426			5539		425		N.E. COR. BT SPK IN CB 7 FT
1	13498	4499		426	83°	17254	5751		425	N OF N END C.R.
	3482		211			7454		216		
	3271		211			7238		215		T. E. LANDA
	3060		422			7023		431		
2	9813	3.271		848		21715	7.238		856	
	3063		224			8465		225		B.M. 10-6
	2839		221			8240		222		SAN GABRIEL BLVD & LOMBARDY RD.
	2618		445			8018		447		SEE F.B. 1375-130
3	8520	2.840		1293	83°	24723	8.241		1303	FOR DESCRIPTION
										SUMMATION OF RUN
										BM T.E. 377 TO BM 10-C
										TOTAL BACKSIGHTS +10.610
										" FORESIGHTS -21.230
										DIFF. IN ELEVATION -10.620
		10.610					21.230			

F.B. 1387 PG. 56

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 S. SHINODA Time 8:35 - 9:10 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. TE 377 To B.M. 24-2
Date 9-16-52
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
	5552		214		#5	4283		213		B.M. TE 377
	5338		214			4070		214		SAN GABRIEL BLVD & CALIFORNIA ST
	5124		428			3856		427		N.E. COR. BT SPK IN CB 7 FT
1	16014	5.338		.428	71°	12209	4.070		427	N OF N END C.R.
	6406		210			3770		215		
	6196		213			3555		215		⊼ E. LANDA
	5983		423			3340		430		
2	18585	6.195		851		10665	3.555		857	
	6012		212			3437		215		
	5800		210			3222		211		
	5590		422			3011		426		
3	17402	5.801		1273		9670	3.223		1283	
		17.334					10.848			B.M. TE 379
										CALIFORNIA ST & LOS ARBOLES LANE
										BT SPK IN CB 7.5 FT W.
										OF ℄ PROD LOS ARBOLES LANE
	6587		215			2827		217		
	6372		214			2610		216		
	6158		429			2394		433		
4	19117	6372		1702		7831	2.610		1.716	
		23.706					13.458			

F.B. 1387 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 G. E. Darier Weather CLEAR Inst. No. 50016
Notes by S. Shimoda Time 8:35 - 9:10 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. TE 377 To B.M. 24-2
Date 9-16-53
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
	5618	23.706	168	1.702		6655	13.558	169	1.716	
	5450		168			6486		168		
	5282		336			6318		337		
5	16350	5450		2.038		19459	6486		2053	
		29.156					19.044			B.M. 24-1 (SIERRA MADRE A 8) CALIFORNIA ST. & SANTA ANITA AVE SEE F.B. 1387-6 FOR DESCRIPTION
	5915		215			4372		213		
	5700		211			4159		211		SUMMATION OF RUN
	5489		426			3948		424		B.M. TE 377 TO B.M. 24-2
6	17104	5701		2464		12479	4160		2477	
	5789		215			4548		217		TOTAL BACKSIGHTS +46.612
	5574		214			4331		213		FORESIGHTS -33.004
	5360		429			4118		430		DIFF. IN ELEVATION +13.608
7	16723	5574		2893		12997	4332		2907	
	6356		176			4741		173		B.M. 24-2 (U.S. 2936) U72)
	6180		172			4568		172		CALIFORNIA ST. & SIERRA MADRE BLVD
	6008		348			4396		345		SEE F.B. 1387-7
8	18544	6181		3241	73°	13705	4568		3252	FOR DESCRIPTION
		46.612					33.004			

F.B. 1387 PG. 58

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 S. SHINODA Time 9:15-9:45 AM Rod No. 5E.C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-2 To BM TE 377
Date 9-16-52
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
	4780		174		#5	6392		173		BM 24-2
	4606		172			6219		174		CALIFORNIA ST & SIERRA MADRE BLVD
	4434		346			6045		347		SEE F.B. 1387-7
1	13820	4607		346	73°	18650	6219		347	FOR DESCRIPTION
	4575		216			5817		216		
	4359		215			5601		212		TE LANDA
	4144		431			5389		428		
2	13078	4359		777		16809	5602		775	
	4371		213			5910		213		
	4158		213			5697		214		
	3945		426			5483		427		
3	12474	4158		1203		17090	5697		1202	
		13.122					17.518			BM 24-1
										CALIFORNIA ST & SANTA ANITA AVE
										SEE F.B. 1387-6
										FOR DESCRIPTION
	6715		175			5670		163		
	6540		172			5507		162		
	6368		347			5345		325		
4	19623	6541		1550		16522	5507		1527	
		19.665					23.025			

F.B. 1387 PG. 59

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 S. SHINODA Time 9:15-9:45AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-2 To B.M. TE 377
Date 9-16-52
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
	2940	19.665	211	1550		6715	23.025	220	1527	
	2735		213			6495		218		
	2522		424			6277		438		
5	8203	2.734		1974		19487	6.496		1965	
		22.399					29.521			BM T.E. 379
										CALIFORNIA ST. & LOS ARBOLES LANE
										BT SPK IN CB 7.5± FT. N OF
										℄ PROD LOS ARBOLES LANE
	3390		212			5966		213		
	3178		214			5753		211		SUMMATION OF RUN:
	2964		426			5542		424		BM 24-2 TO BM TE 377
6	9532	3.177		2409		17261	5.754		2389	
	3838		217			6470		210		TOTAL BACKSIGHTS + 33.268
	3621		214			6260		210		" FORESIGHTS − 46.874
	3407		431			6050		420		DIFF IN ELEVATION − 13.606
7	10866	3.622		2831		18780	6.260		2809	
	4280		210			5558		219		BM T.E. 377
	4070		210			5339		218		SAN GABRIEL BLVD & CALIFORNIA ST.
	3860		420			5121		437		N.E. COR. BT SPK IN CB 7 FT
8	12210	4.070		3251	75°	16018	5.339		3246	N OF N END C.R.
		33.268					46.874			

F.B. 1327 PG. 60

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 S. SHINODA Time 10:10 - 11:00 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-2 To B.M. 24-3
Date 9-16-52
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
	6228		213		#5	2782		212		B.M. 24-2 (U.S. 2956 U172)
	6015		212			2570		212		CALIFORNIA ST. & SIERRA MADRE BLVD
	5803		425			2358		424		SEE F.B. 1387-7
1	18046	6.015		425	75°	7710	2.570		.424	FOR DESCRIPTION
	7033		211			4343		213		
	6822		211			4130		212		⊼ G.E. DREIER
	6611		422			3918		425		
2	20466	6822		.847		12391	4.130		.849	
	6098		215			5243		212		
	5883		212			5031		212		
	5671		427			4819		424		
3	17652	5.884		1274		15093	5.031		1273	
	5123		212			6569		215		
	4911		210			6354		214		
	4701		422			6140		429		
4	14735	4.912		1.696		19063	6.354		1.702	
	4838		213			5022		213		
	4625		212			4809		214		
	4413		425			4595		427		
5	13876	4.625		2.121		14426	4.809		2.129	
		28.258					22.894			

F.B. 1387 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 G.E. DREIER Weather CLEAR Inst. No. 500.10
Notes by S. SHINODA Time 10:10 - 11:00 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M 24-2 To B.M 24-3
Date 9-16-52
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
	7856	28.258	214	2.121		2961	22.894	213	2.129	
	7642		212			2748		212		
	7430		426			2536		425		
6	22928	7.643		2.547		8245	2.748		2.554	
	8152		213			2910		213		
	7939		210			2697		214		
	7729		423			2483		427		
7	23820	7.940		2.970		8090	2.697		2.981	
	8188		215			3620		212		
	7973		213			3408		212		
	7760		428			3196		424		
8	23921	7.974		3.398		10224	3.408		3.405	
	6473		212			2584		214		
	6261		211			2370		216		
	6050		423			2156		428		
9	18784	6.261		3.821		7110	2.370		3.833	
	7175		216			4611		212		
	6959		215			4399		212		
	6744		431			4187		424		
10	20878	6.959		4.252		13197	4.399		4.257	
		65.035					38.516			

F.B. 1387 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 CLEAR Inst. No. 50010
Notes by J. SHINODA Time 10:10-11:00 AM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-2 To B.M. 24-3
Date 9-16-52
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
	6397	6.035	217	4.252		3133	38.516	216	4.257	
	6182		217			2917		217		SUMMATION OF RUN
	5965		434			2700		433		B.M. 24-2 TO B.M. 24-3
11	18544	6.182		4.686		8750	2.917		4.690	
	7120		135			3129		132		TOTAL BACKSIGHTS + 85.669
	6985		135			2997		133		" FORESIGHTS 47.396
	6850		270			2864		265		DIFF. IN ELEVATION +38.273
12	20955	6.985		4.956		8990	2.997		4.955	
	7600		133			3101		135		B.M. 24-3 (ALTADENA K-8)
	7467		133			2966		134		CALIFORNIA ST. & ALLEN AVE
	7334		266			2832		269		SEE F.B. 1387-8
13.	22401	7.467		5.222	94°	8899	2.966		5.224	FOR DESCRIPTION
		85.669					47.396			

F.B. 1387 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 ..... 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. 387 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:00-11:50AM Rod No. S&C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-3 To B.M. 24-2
Date 9-16-52
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
	3084		134		#5	7578		134		B.M. 24-3 (ALTADENA K8)
	2950		133			7444		132		CALIFORNIA ST. & ALLEN AVE
	2817		267			7312		266		SEE F.B. 1387-8
1	8851	2.950		.267	84°	22334	7.445		.266	FOR DESCRIPTION
	2896		134			6889		134		
	2762		132			6755		135		⊼ G.E. DREIER
	2630		266			6620		269		
2	8288	2.763		.533		20264	6.755		.535	
	3752		214			7013		213		
	3538		215			6800		212		
	3323		429			6588		425		
3	10613	3.538		.962		20401	6.800		.960	
	4569		215			7127		213		
	4354		213			6914		212		
	4141		428			6702		425		
4	13064	4.355		1.390		20743	6.914		1.385	
	2496		218			6375		210		
	2278		217			6165		213		
	2061		435			5952		423		
5	6835	2.278		1.825		18492	6.164		1.808	
		15.994					34.078			

F.B. 1387 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. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:00-11:50 A.M. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-3 To B.M. 24-2
Date 9-16-52
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
	3614	15.884	211	1.825		8190	34.078	215	1.809	
	3403		211			7975		215		
	3192		422			7760		430		
6.	10209	3.403		2.247		23925	7.975		2.238	
	2959		212			8205		214		
	2747		213			7991		214		
	2534		425			7777		428		
7	8240	2.747		2.672		23973	7.991		2.666	
	3060		212			7957		214		
	2848		214			7743		214		
	2634		426			7529		428		
8.	8542	2.847		3.098		23229	7.743		3.094	
	5047		215			4861		214		
	4832		213			4647		214		
	4619		428			4433		428		
9	14498	4.833		3.526		13941	4.647		3.522	
	6611		214			5167		214		
	6397		214			4953		211		
	6183		428			4742		425		
10.	19191	6.397		3.954		14862	4.954		3.947	
		36.111					67.388			

F.B. 387 PG. 66

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 S. SHINODA Time 11:00 - 11:50AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-3 To B.M. 24-2
Date 9-16-52
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
	5216	36.111	214	3.954		6069	6.738	214	3.947	
	5002		214			5855		214		SUMMATION OF ON
	4788		428			5641		428		B.M. 24-3 TO B.M. 24-2
11	15006	5.002		4.382		17565	5.855		4.375	
	4160		212			6851		211		TOTAL BACKSIGHTS +47.673
	3948		211			6640		211		- FORESIGHTS -85.935
	3737		423			6429		422		DIFF IN ELEVATION -38.262
12	11845	3.948		4.805		19920	6.640		4.797	
	2823		211			6267		216		B.M. 24-2 (U.S. 2936 U 172)
	2612		212			6051		212		CALIFORNIA ST & SIERRA MADRE BLVD
	2400		423			5839		428		SEE F.B. 1387-7
13	7835	2.612		5.228	90°	18157	6.052		5.225	FOR DESCRIPTION.
		47.673					85.935			

F.B. 1387 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 ..... 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. 387 PG. 68										

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 S. SHINODA Time 1:20-1:55 P.M. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-3 To BM 24-4
Date 9-16-5
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9328		211		#5	3462		214		BM 24-3 (ALTADENA K-8)
	9117		212			3248		217		CALIFORNIA ST & ALLEN AVE
	8905		423			3031		431		SEE F.B. 1387-8
1	27350	9.117		423	95	9741	3.247		431	FOR DESCRIPTION
	6718		216			4468		215		
	6502		213			4253		213		K E LANDA
	6289		429			4040		428		
2	19509	6.503		852		12761	4.254		859	
	6504		214			4521		216		
	6290		211			4305		215		
	6079		425			4090		431		
3	18873	6.291		1277		12916	4.305		1290	
	6618		215			4331		217		
	6403		211			4114		214		
	6192		426			3900		431		
4	19213	6.404		1.703		12345	4.115		1721	
	6615		214			4372		212		
	6401		212			4160		210		
	6189		426			3950		422		
5	19205	6.402		2.129		12482	4.161		2143	
		34.717					20.082			

F.B. 1387 PG. 69

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 S SHINODA Time 1:20-1:55 P.M. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-3 To B.M. 24-4
Date 9-16-52
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
	6612	34.711	214	2.127		4267	20.882	213	2143	
	6398		217			4054		212		
	6181		431			3842		425		
6	19191	6.397		2560		12163	4.054		2560	
	6987		215			3564		215		
	6772		211			3349		212		SUMMATION OF RUN
	6561		426			3137		427		B.M. 24-3 TO B.M. 24-4
7	20320	6.773		2986		10050	3.350		2995	
	7339		168			3600		166		TOTAL BACKSIGHTS +62161
	7171		168			3434		164		" FORESIGHTS −35221
	7003		336			3270		330		DIFF. IN ELEVATION +26940
8	21513	7.171		3322		10304	3.435		3325	
	7265		163			4469		169		B.M. 24-4 (ALTADENA J-8)
	7102		159			4300		170		CALIFORNIA ST & HILL AVE
	6943		322			4130		339		SEE F.B. 1387-9
9	21310	7.103		3644	95°	12899	4.300		3664	FOR DESCRIPTION
		62161					35221			

F.B. 1387 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:35-9:15 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-4 To B.M. 24-3
Date 9-17-52
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
	4493		170		#5	7288		163		B.M. 24-4 (ALTADENA JP)
	4323		166			7128		160		CALIFORNIA ST. & HILL AVE
	4157		336			6965		323		SEE F.B. 1387-9
1	12973	4324		336	73°	21378	7126		323	FOR DESCRIPTION
	3578		168			7315		166		
	3410		166			7149		169		⊼ E. LANDA
	3244		334			6980		335		
2	10232	3.411		670		21444	7.148		.658	
	3514		215			6937		215		
	3299		212			6722		211		
	3087		427			6511		426		
3	9900	3.300		1.097		20170	6.723		1.084	
	4179		214			6525		214		
	3965		213			6311		212		
	3752		427			6099		426		
4	11896	3.965		1.524		18935	6.312		1.510	
	4331		211			6569		214		
	4120		211			6355		213		
	3909		422			6142		427		
5	12360	4.120		1.946		19066	6.355		1.937	
		19.120					33.664			

F.B. 1387 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. Drier Weather CLEAR Inst. No. 50010
Notes by S. Shinoda Time 8:35 - 9:15 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-4 To B.M. 24-3
Date 9-17-52
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
	4163	19.120	214	1.946		6451	33.664	213	1.937	
	3949		216			6238		216		
	3733		430			6022		429		
6	11845	3.948		2.376		18711	6.237		2.366	
	4530		216			6511		213		
	4314		215			6298		211		SUMMATION OF RUN
	4099		431			6087		424		B.M. 24-4 TO B.M. 24-3
7	12943	4.314		2.807		18896	6.299		2.790	
	4421		212			6671		211		TOTAL BACKSIGHTS + 34.910
	4209		212			6458		215		" FORESIGHTS − 61.842
	3997		424			6243		426		DIFF. IN ELEVATION − 26.932
8	12627	4.209		3.231		19372	6.457	8	3.216 8	
	3580		212			9399		213		B.M. 24-3 (ALTADENA K-8)
	3318		210			9186		215		CALIFORNIA ST & ALLEN AVE
	3108		422			8971		428		SEE F.B. 1387-8
9	9956	3.319		3.653	82°	27556	9.185		3.644 6	FOR DESCRIPTION
		34.910					61.142			

F.B. 387 p. 22

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 S. SUNODA Time 2:00-2:55 PM Rod No. 54C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-4 To B.M. 24-5
Date 7-16-54
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
	8587		215		#5	3916		216		BM 24-4 (ALTADENA J-8)
	8372		212			3700		212		CALIFORNIA ST & HILL AVE
	8160		427			3488		428		SEE FB 1387-9
1	25119	8.373		.427	95°	11104	3.701		.428	FOR DESCRIPTION
	5395		200			6828		228		
	5195		200			6600		228		TR E. LANDA
	4995		400			6372		456		
2	15585	5.195		.827		19800	6.600		.884	
	3537		228			7600		203		
	3309		226			7397		205		
	3083		454			7192		408		
3	9929	3.310		1.281		22189	7.396		1.292	
	5310		149			2057		147		
	5191		145			1910		145		
	5046		294			1765		292		
4	15577	5.192		1.575		5732	1.911		1.584	
	9750		182			1958		187		
	9568		181			1771		187		
	9387		363			1584		374		
5	28705	9.568		1.938		5313	1.771		1.958	
		31.638					21.379			

F.B. 1387 PG. 73

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 S. SHINODA Time 2:00-2:55 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-4 To B.M. 24-5
Date 9-16-52
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
	7602	31.638	219	1.938		4783	21.779	206	1.958	
	7383		219			4577		208		
	7164		438			4369		414		
6	22149	7383		2376		13729	4576		2372	
	6289		211			4798		217		
	6078		215			4581		216		
	5863		426			4365		433		
7	18230	6077		2802		13744	4581		2805	
	5589		209			5209		215		
	5380		211			4994		214		
	5169		420			4780		429		
8	16138	5379		3222		14983	4994		3234	
	4869		214			6230		213		
	4655		212			6017		214		
	4443		426			5803		427		
9	13967	4656		3648		18050	6017		3661	
	4893		213			6170		215		
	4680		212			5955		211		
	4468		425			5744		426		
10	14041	4680		4073		17869	5956		4087	
		59.813					47503			

F.B. 387 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 Inst. No. 50010
Notes by S SHINODA Time 2:00-2:55 PM Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-4 To BM 24-5
Date 9-10-52
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
	5069	59.813	187	4073		2418	47.503	186	4087	
	4882		184			2232		184		SUMMATION OF RON
	4698		371			2048		370		BM 24-4 TO BM 24-5
11	14649	4883		4444		6698	2.233		4457	
	8818		188			2605		185		TOTAL BACKSIGHTS +78.197
	8630		187			2420		182		" FORESIGHTS -57.843
	8443		375			2238		367		DIFF. IN ELEVATION +20.354
12	25891	8630		4819		7263	2421		4824	
		73.326					52.157			B.M. CITY OF PASSADENA
										LAKE AVE, & CALIFORNIA ST. N. COR
										BOLT IN CURB ON S'LY PROLONG-
										ATION OF E'LY F/L LAKE AVE
	4962		091			5781		095		B.M. 24-5 (ALHAMBRA I-7)
	4871		091			5686		096		CALIFORNIA ST. & LAKE AVE
	4780		182			5590		191		SEE F.B. 1387-10
13	14613	4871		5001	96°	17057	5686		5015	FOR DESCRIPTION
		78.197					57.843			

F.B. 1387 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 ..... 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. 387 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 Inst. No. 50010
Notes by S. SHINODA Time 3:00-3:50 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-5 To B.M. 24-4
Date 9-16-5
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
	5750		094		#5	4930		091		B.M. 24-5 (ALTADENA I-7)
	5656		094			4839		091		CALIFORNIA ST. & LAKE AVE
	5562		188			4748		182		SEE F.B. 1387-10
1.	16968	5656		.188	90°	14517	4.839		.182	FOR DESCRIPTION
										B.M. CITY OF PASADENA
										LAKE AVE & CALIFORNIA ST, N.W. COR.
										BOLT IN CURB ON S'LY PROLONGATION OF E'LY P/L OF LAKE AVE.
	2670		186			8976		187		
	2484		184			8689		186		T. E. LANDA
	2300		370			8503		373		
2	7454	2.485		.558		26068	8.689		.555	
	2430		185			5080		185		
	2245		185			4895		185		
	2060		370			4710		370		
3	6735	2.245		.928		14685	4.895		.925	
	6144		214			4872		216		
	5930		212			4656		212		
	5718		426			4444		428		
4	17792	5.931		.1354		13972	4.657		.1353	
		16.317					23.080			

F.B. 1387 PG. 77

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. DEEIER Weather CLEAR Inst. No. 50010
Notes by S SHINODA Time 3:00 - 3:50 Rod No. 546

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-5 To B.M. 24-4
Date 9-16-52
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
	6230	16.317	212	1.354		4870	23.380	213	1.353	
	6018		213			4657		215		
	5805		425			4442		428		
5	18053	6.018		1.779		13969	4.656		1.781	
	5226		217			5608		210		
	5009		213			5398		211		
	4796		430			5187		421		
6	15031	5.010		2.209		16193	5.398		2.202	
	4751		214			6248		215		
	4537		216			6033		213		
	4321		430			5820		428		
7	13609	4.536		2.639		18101	6.034		2.630	
	4798		215			7603		213		
	4583		211			7390		211		
	4372		426			7179		424		
8	13753	4.584		3.065		22172	7.391		3.054	
	1950		186			9740		181		
	1764		184			9559		181		
	1580		370			9378		362		
9	5294	1.765		3.435		28677	9.559		3.416	
		38.230					56.118			

FB. 1387 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

L. A. CO. PRECISE LEVEL NET

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 3:00-3:50 PM Rod No. 5 EC

Name
Job No. 492
From B.M. 24-5 To B.M. 24-2
Date 9-16-52
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
	2085	38.230	147	3.435		5365	56.118	145	3.416	
	1938		148			5220		148		
	1790		295			5072		293		
10	58131	1.938		3.730		15657	5.219		3.709	
	7690		212			3610		218		
	7478		210			3392		217		SUMMATION OF RUN
	7268		422			3175		435		B.M. 24-5 TO B.M. 24-4
11	22436	7.479		4.152		10177	3.392		4.144	
	6843		213			5438		216		TOTAL BACKSIGHTS +57.944
	6630		213			5222		212		" FORESIGHTS -78.291
	6417		426			5010		428		DIFF. IN ELEVATION -20.347
12	19890	6.630		4.578		15670	5.223		4.572	
	3881		213			8563		214		B.M. 24-(ALTADENA U-8)
	3668		215			8339		214		CALIFORNIA ST & HILL AVE
	3453		428			8125		428		SEE F.B. 1387 9
13	11002	3.667		5.006	98°	25017	8.339		5.000	FOR DESCRIPTION
		57.944					78.291			

F.B. 1387 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..... 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. 1387 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
J. SHINODA

Weather CLEAR
Time 9:40-10:50AM

Inst. No. 50010
Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-5 To B.M. 24-6
Date 9-17-5
Indexed L. C. Johnson

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
	7528		189		#5	4305		188		BM 24-5 (ALTADENA J-8)
	7339		188			4117		188		CALIFORNIA ST & LAKE AVE
	7151		377			3929		376		SEE F.B. 1387-10
1	22018	7339		377	88°	12351	4117		376	FOR DESCRIPTION
	7100		212			3977		215		
	6888		211			3762		212		TO G.E. DREIER
	6677		423			3550		427		
2	20665	6888		800		11289	3763		803	
	7300		212			4023		213		
	7088		211			3810		213		
	6877		423			3597		426		
3	21265	7088		1223		11430	3810		1229	
	8217		215			2873		212		
	8002		213			2661		211		
	7789		428			2450		423		
4	24008	8003		1651		7984	2661		1652	
	8308		215			2800		213		
	8093		213			2587		212		
	7880		428			2375		425		
5.	24281	8094		2079		7762	2587		2077	
		37.412					16.938			

F.B. 1387 PG. 81

FORM 379 5M 7-46

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
Recorded by S. SHINODA Time 9:40-10:50 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-5 To B.M. 24-6
Date 9-17-52
Indexed A. C. Johnson

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
	8274	37.412	215	2079		2991	16.938	211	2077	
	8059		211			2780		211		
	7848		420			2569		422		
6	24181	8060		2505		8340	2780		2499	
	7600		227			3867		228		
	7373		227			3639		227		
	7146		454			3412		455		
7	22119	7373		2959		10918	3639		2954	
	7119		213			3971		212		
	6906		212			3759		213		
	6694		425			3546		425		
8	20719	6906		3384		11276	3759		3379	
	7155		215			4001		212		
	6940		211			3789		212		
	6729		426			3577		424		
9	20824	6941		3810		11367	3789		3803	
	7158		214			3972		213		
	6944		213			3759		213		
	6731		427			3546		426		
10	20833	6944		4237		11277	3759		4229	
		73.636					34.664			

F.B. 327 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. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:40 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 492
From B.M. 24-5 To B.M. 24-6
Date 9-17-52
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
	7091	73.636	212	4237		3862	34.664	215	4229	
	6879		209			3647		216		
	6670		421			3431		431		
11	20640	6880		4658		10940	3.647		4660	
	8976		213			2650		213		
	8763		210			2437		212		
	8553		423			2225		425		
12	26292	8.764		5084		7312	2.437		5085	
	7675		159			3692		160		
	7516		158			3532		160		
	7358		317			3372		320		
13	22549	7.516		5398		10596	3.532		5405	
		96.796					42.280			BM CITY OF PASADENA LAKE AVE & COLORADO ST. NE COR BOLT IN CENTER OF CB RETURN
	9667		215			1123		213		
	9452		211			0910		212		
	9241		426			0698		425		
14	28360	9.453		5824		2731	0910		5830	
		106.249					45.190			

F.B. 387 PG. 83

FORM 379 BM 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. SHINODA Time 9:40-10:50 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-5 To B.M. 24-6
Date 9-17-52
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9262	106.249	211	5.824		0832	45.190	200	5.830	
	9051		210			0632		199		
	8841		421			0433		399		
15	27154	9.051		6245		1897	0.632		6229	
	8271		221			3545		217		
	8050		221			3328		218		SUMMATION OF RUN
	7829		422			3110		435		B.M. 24-5 TO B.M. 24-6
16	24150	8.050		6687		9983	3.328		6664	
	6829		161			3909		170		TOTAL BACKSIGHTS +136.847
	6668		160			3739		170		" FORESIGHTS − 58.507
	6508		321			3569		340		DIFF. IN ELEVATION +78.340
17	20005	6.668		7008		11217	3.739		7004	
	6984		155			5768		149		B.M. 24-6 (ALTADENA I.G.A)
	6829		155			5619		151		LAKE AVE & WALNUT ST.
	6674		310			5468		300		SEE F.B. 1387-11
18	20487	6.829		7318	92°	16855	5.618		7304	FOR DESCRIPTION
		136.847					58.507			

F.B. 1387 PG. 84

Form 4-Eng. Rev. 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. SHINODA Time 10:50-11:55 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-L To BM 24-S
Date 9-17-52
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
	5782		151		#5	6998		156		B.M 24-L (ALTADENA I G A)
	5631		150			6842		152		LAKE AVE & WALNUT ST.
	5481		301			6690		308		SEE F.B. 1387-11
1	11194	5.563		.301	92°	20530	6.843		.308	FOR DESCRIPTION
	3897		166			6827		167		
	3731		163			6660		165		π G. E. DREIER
	3568		329			6495		332		
2	11196	3.732		.630		19982	6.661		.640	
	3491		220			8215		218		
	3271		220			7997		219		
	3051		440			7778		437		
3	9813	3.271		1.070		23990	7.997		1.077	
	1138		208			9553		202		
	0930		208			9351		202		
	0722		416			9149		404		
4	2790	0.930		1.486		28053	9.351		1.481	
	1172		212			9720		214		
	0968		210			9506		214		
	0750		422			9292		428		
5	2882	0.961		1.908		28518	9.506		1.909	
		14.525					40.358			

F.B. 1387 PG. 85

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 S. SHINODA Time 10:50-11:55AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-C To B.M. 24-5
Date 9-17-52
Indexed E. C. Johnson

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
		14.525		1.908			20.351		1.909	B.M. CITY OF PASADENA. LAKE AVE & COLORADO ST. N.E. COR., BOLT IN CENTER OF CB RETUNN
	3783		160			7768		160		
	3623		159			7608		159		
	3464		319			7449		319		
	10870	3.623		1.127		22825	7.608		2.228	
	2510		214			8901		210		
	2366		214			8691		211		
	2152		429			8480		421		
7	7098	2.366		1.655		26072	8.691		2.629	
	3835		215			7068		213		
	3620		215			6855		212		
	3405		430			6643		425		
8	10860	3.620		3.085		20566	6.855		3.074	
	3962		215			7142		213		
	3747		215			6929		212		
	3532		430			6717		425		
9	11241	3.747		3.515		20788	6.929		3.499	
		27.881					70.441			

F.B. 1387 PG. 86

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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:50-11:55AM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-C To B.M. 24-5
Date 9-17-52
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
	3926	27.881	215	3.515		7076	70.441	213	3.499	
	3711		213			6863		212		
	3498		428			6651		425		
10	11135	3.712		3.948		20590	6.863		3.924	
	3929		208			7089		219		
	3721		208			6870		217		
	3513		416			6653		436		
11	11163	3.721		4.359		20612	6.871		4.360	
	3879		229			7612		227		
	3650		228			7385		227		
	3422		457			7158		454		
12	10951	3.650		4.816		22155	7.385		4.814	
	2979		211			8259		214		
	2768		211			8045		214		
	2557		422			7831		428		
13	8304	2.768		5.238		24135	8.045		5.242	
	2732		212			8244		214		
	2520		211			8030		212		
	2309		423			7818		426		
14	7561	2.520		5.661		24092	8.031		5.668	
		44.252					107.636			

F.B. 13897 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:50 - 11:55 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-6 To BM 24-5
Date 9-17-52
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
	2850	4252	211	5661		8192	10723	213	5668	
	2639		210			7979		212		
	2429		421			7767		425		
15	7918	2639		6082		23938	7979		6093	
	3989		213			7268		213		
	3776		212			7055		212		SUMMATION OF RUN
	3564		425			6843		425		BM 24-6 TO BM 24-5
16	11329	3776		6507		21166	7055		6518	
	3973		212			7090		211		TOTAL BACKSIGHTS +58.590
	3759		211			6879		211		" FORESIGHTS -136.934
	3548		425			6668		422		DIFF IN ELEVATION - 78.344
17	11280	3760		6932		20637	6879		6940	
	4352		190			7574		189		BM 24-5 (ALTADENA I 8)
	4162		187			7385		188		LAKE AVE & CALIFORNIA ST.
	3975		377			7197		377		SEE F.B. 1387-10
18	12489	4163		7309	93°	22150	7385		7317	FOR DESCRIPTION
		58.590					136.934			

F.B. 1387 PG. 88

FORM 899 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. SHINODA Time 2:35 - 4:05 PM Rod No. 5 FC

Name L. A. CO PRECISE LEVEL NET
Job No. 49-3
From BM 24-C To BM 24-B
Date 9-17-52
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
	8202		212		#5	4509		213		BM 24-C (ALTADENA ECA)
	7990		212			4296		216		LAKE AVE & WALNUT ST
	7778		424			4080		429		SEE F.B. 1387-11
1	13970	7990		424	99°	12885	4295		429	FOR DESCRIPTION
	7190		212			2320		215		
	6978		210			2105		213		⊼ E LANDA
	6768		422			1892		428		
2	20930	6979		846		6317	2.106		857	
	8725		213			2750		213		
	8510		212			2537		215		
	8298		425			5322		428		
3	25531	8.510		1.271		7609	2.536		1.285	
	7521		212			2399		214		
	7309		211			2183		212		
	7098		423			1971		426		
4	21928	7.309		1.694		6553	2.184		1.713	
	8235		216			2819		216		
	8019		217			2603		213		
	7802		433			2390		429		
5	24056	8.019		2.127		7812	2.604		2.140	
		38.807					13.725			

F.B. 1387 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. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:35-4:05 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-6 To B.M. 24-10
Date 9-17-52
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
	6777	38.807	177	2.127		2650	13.725	177	2.140	
	6600		178			2473		181		
	6422		3551			2292		358		
6	19799	6600		2.482		7415	2.472		2.498	
		45.407					16.197			B.M. 24-7 (U.S. 2631 S.C.B.) LAKE AVE. & VILLA ST. SEE F.B. 1387-12 FOR DESCRIPTION
	8802		256			1158		209		
	8546		253			0909		247		
	8293		509			0662		490		
7	25641	8.547		2.991		2729	0.910		2.994	
	7908		140			5461		140		
	7768		141			5321		139		
	7627		281			5182		279		
F.B. 1387 PG. 90 8	23303	7.768		3.272		15964	5.321		3.279	
										B.M. 24-8 (ALTADENA I.C.) LAKE AVE. & SANTA BARBARA SEE F.B. 1387-13 FOR DESCRIPTION
		61.722					22.428			

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 S. SHINODA Time 2:35-4:05PM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-C To BM 24-10
Date 9-19-52
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
	7827	6.722	213	3.272		4632	22.428	214	3.273	
	7614		212			4418		216		
	7402		4251			4202		430		
9	22843	7.614		3.697		13252	4.417		3.703	
	6440		214			3791		229		
	6226		213			3562		229		
	6013		427			3333		458		
10	18679	6.226		4.124		10686	3.562		4.167	
	7104		212			3320		212		
	6892		211			3108		215		
	6681		423			2893		427		
11	20677	6.892		4.547		9321	3.107		4.588	
	8778		222			2092		203		
	8556		224			1889		205		
	8332		446			1684		408		
12	25666	8.5555		4.993		5665	1.888		4.996	
	8878		210			2304		214		
	8668		214			2090		212		
	8454		424			1878		426		
13	26000	8.667		5.417		6272	2.091		5.422	
		99.676					37.493			

F.B. 1387 PG. 21

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 S. SHINODA Time 2:35 - 4:05 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-6 To B.M. 24-10
Date 9-17-52
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
	7965	99.676	213	5.417		3355	37.493	216	5422	
	7752		210			3139		216		
	7542		423			2923		432		
14	23259	7.753		5840		9417	3.139		5856	
	7659		215			3499		216		
	7444		212			3283		213		
	7232		427			3070		429		
15	22335	7.445		6267		9852	3.284		6285	
	6378		093			4640		091		
	6285		093			4549		091		STOPPED 4:05 P.M. 9-17-52
	6192		186			4458		182		
16	18855	6.285		6453	97°	13647	4.549		6467	
		121.159					48.465			B.M. CITY OF PASADENA LAKE AVE & MOUTAIN ST S.E COR., BOLT IN CB 5 FT S OF S END C.R
	6740		119			3289		118		
	6621		115			3171		119		BEGAN 8:35 AM 9-18-52
	6506		234			3052		237		
17	19867	6.622		6687	75°	9512	3.171		6704	
		127.781					51.636			

F.B. 1387 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:35-8:50 AM Rod No. 58C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-6 To B.M. 24-10
Date 9-18-52
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
		127.784		6.687			51.636		6.702	B.M. 24-9 (U.S. 2564) L 171)
										LAKE AVE & MOUNTAIN ST.
										SEE F.B. 1387-14
										FOR DESCRIPTION
	6018		097			4021		096		
	5921		094			3925		096		
	5827		191			3829		192		
18	17766	5922		6878		11775	3925		6894	
	7418		158			4949		154		B.M. 24-10 (ALTADENA I 5)
	7260		156			4795		152		LAKE AVE & BELL ST
	7104		314			4643		306		SEE F.B. 1387-15
19	21782	7261		7192	75°	14387	4796		7200	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 24-6 to B.M. 24-10
										TOTAL BACKSIGHTS +140.964
										" FORESIGHTS -60.357
										DIFF IN ELEVATION +80.607
		140.964					60.357			

F.B. 1387 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

L. A. CO. PRECISE LEVEL NET

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

Name.....
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. 387 PG. 94										

FORM 379 BM 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. SHINODA Time 8:50-10:05AM Rod No. 5E6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-10 To BM 24-C
Date 9-18-52
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
	4930		151		#5	7398		158		BM 24-10
	4779		151			7240		156		LAKE AVE & BELL ST
	4628		302			7084		314		SEE F.B. 1387-15
1	14337	4779		302	75°	21722	7241		314	FOR DESCRIPTION
	4128		098			6126		097		
	4030		095			6029		097		TE. LANDA
	3935		193			5932		194		
2	12093	4031		.495		18087	6029		.508	
		8.810					13.270			BM 24-9 (US L171)
										LAKE AVE & MOUNTAIN ST
										SEE F.B. 1387-14
										FOR DESCRIPTION
	3380		117			6829		118		
	3263		115			6711		116		
	3148		232			6595		234		
3	9791	3.264		.727		20138	6.712		.742	
										BM CITY OF PASADENA
										LAKE AVE & MOUNTAIN ST
										S.E. COR., BOLT IN CB 5 FT
										S OF S END C.B.
		12.074					19.982			

F.B. 1387 PG. 95

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. DEEIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:50-10:05 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-10 To B.M. 24-6
Date 9-18-52
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
	4582	12.074	092	.727		6320	19.982	091	.742	
	4490		090			6229		093		
	4400		182			6136		184		
4	13472	4.491		.909		18685	6.228		.926	
	3437		217			7593		213		
	3220		213			7380		210		
	3007		430			7170		423		
5	9664	3.221		1.339		22143	7.381		1.349	
	3286		217			7901		212		
	3069		214			7689		211		
	2858		431			7478		423		
6	9210	3.070		1.770		23068	7.689		1.772	
	2366		214			8936		214		
	2152		213			8722		210		
	1939		427			8512		424		
7	6457	2.152		2.197		26170	8.723		2.196	
	1786		216			8453		212		
	1570		212			8241		211		
	1358		428			8030		423		
8	4714	1.571		2.625		24724	8.241		2.619	
		26.579					58.244			

F.B. 2327 PG. 96

FORM 879 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 S. SHINODA Time 8:50-10:05AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-10 To B.M. 24-6
Date 9-18-52
Indexed [illegible] 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
	3240	26.579	216	2.625		7025	58.244	213	2.619	
	3024		213			6812		212		
	2811		429			6600		425		
9	9075	3.025		3054		20437	6.812		3.044	
	3774		222			6444		223		
	3552		220			6221		220		
	3332		442			6001		443		
10	10658	3.553		3496		18666	6.222		3487	
	4555		217			7744		213		
	4338		214			7531		211		
	4124		431			7320		424		
11	13017	4339		3927		22595	7.532		3.911	
		37.496					78.810			B.M. 24-8 (ALTADENA I-6) LAKE AVE & SANTA BARBARA ST SEE F.B. 1387-13
	5373		139			7820		140		
	5234		136			7680		140		
	5098		275			7540		280		
12	15705	5.235		4202		23040	7.680		4191	
		42.731					86.490			

F.B. PG.

FB 1387 PG 97

FORM 379 6M 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 J. SHINODA Time 8:50 - 10:10 AM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-10 To B.M. 24-6
Date 9-18-52
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
	1030	42.731	251	4202		8666	86.190	254	4191	
	4779		249			8412		252		
	4530		500			8160		506		
	8839	0.780		4702		25238	8.213		4697	
		43.511					94.403			BM 24-7 (US 563) LAKE AVE & VILLA ST. SEE F.B. 1387-12 FOR DESCRIPTION
	2620		181			6745		176		
	2439		180			6569		174		
	2259		361			6395		350		
14	7318	2.439		5063		19709	6.570		5047	
	2803		215			8216		216		
	2588		214			8000		216		
	2374		429			7784		432		
15	7765	2.588		5492		24000	8.000		5479	
	2401		211			7523		212		
	2190		211			7311		211		
	1979		422			7100		423		
16	6570	2.190		5914		21934	7.311		5902	
		50.728					116.784			

F.B. 1387 Pg. 98

F.B. ____ PG. ____

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 S. SHINODA Time 8:50-10:05AM Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 24-10 To B.M. 24-6
Date 9-18-52
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
	2758	50.728	214	5.914		8731	116.784	216	5.902	
	2544		211			8516		216		SUMMATION OF RUN
	2333		425			8300		431		B.M. 24-10 TO B.M. 24-6
17	7635	2.545		6.339		25547	8.516		6.333	
	2208		213			7092		212		TOTAL BACKSIGHTS +59.540
	1995		214			6880		211		" FORESIGHTS -140.135
	1781		427			6669		423		DIFF. IN ELEVATION -80.595
18	5984	1.995		6.766		20641	6.880		6.756	
	4486		215			8169		214		B.M. 24-6 (ALTADENA I.G.A)
	4271		212			7955		215		LAKE AVE & WALNUT ST.
	4059		427			7740		429		SEE F.B. 1387 11
19	12816	4.272		7.193	78°	23864	7.955		7.185	FOR DESCRIPTION
PG.										
F.B.										
		59.540					140.135			

F.B. 1387 PG. 89

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. 1387 Pg. 100

F.B. ..... PG. .....

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 S. SHINODA Time 10:30 - 1:50PM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-10 To BM 24-14
Date 9-18-52
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
	9152		205		#5	2747		214		BM 24-10 (ALTADENA I-5)
	8947		207			2533		213		LAKE AVE & BEAL ST
	8740		412			2320		427		SEE F.B. 1387-15
1	26839	8.946		.412	87°	7600	2.533		427	FOR DESCRIPTION
	8219		212			1898		215		
	8007		213			1683		214		TO G.E. DREIER
	7794		425			1469		429		
2	24020	8.007		.837		5050	1.683		.856	
	10269		187			0870		179		
	10082		186			0691		180		
	9896		373			0511		359		
3	30247	10.082		1.210		2072	0.691		1.215	
	9591		161			1338		160		
	9430		160			1178		160		
	9270		321			1018		320		
4	28291	9.430		1.531		3534	1.178		1.535	
	9625		163			1343		161		
	9462		160			1182		160		
	9302		323			1022		321		
5	28389	9.463		1.854		3547	1.182		1.856	
		45.928					7.267			

F.B. 1387 PG. 10

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 S. SHINODA Time 10:30-2:50 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-10 To B.M. 24-14
Date 9-18-52
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
	9567	45.928	163	1.854		1573	7.267	159	1.856	
	9402		160			1414		158		
	9244		323			1256		317		
6	28215	9.405		2.177		4243	1.414		2.173	
	10277		177			1047		176		
	10100		174			0871		174		
	9926		351			0697		350		
7	30303	10.101		2.528		2615	0.872		2.523	
	9825		163			1443		160		
	9662		162			1283		159		
	9500		325			1124		319		
8	28987	9.662		2.853		3850	1.283		2.842	
	8644		125			0690		125		
	8519		125			0565		124		
	8394		250			0441		249		
9	25557	8.519		3.103		1696	0.565		3.091	
										B.M. 24-11 (U.S. 2955 M17) LAKE AVE. & WASHINGTON ST. SEE F.B. 1387-16 FOR DESCRIPTION
		43.615					11.401			

F.B. 1387 PG. 102

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 S. SHINODA Time 10:30 - 2:50PM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-10 To BM 24-14
Date 9-18-52
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
	4140	83.615	103	3.103		2557	11.401	099	3.091	
	4037		106			2458		098		
	3931		209			2360		197		
10	12108	4.036		3.312		7375	2.458		3.288	
		87.651					13.959			BM 24-12 (ALTADENA 14) LAKE AVE & WASHINGTON ST. SEE F.B. 1387-16 FOR DESCRIPTION
	9612		155			0927		166		
	9457		158			0761		163		
	9299		313			0598		329		
11	28368	9.456		3.125		2286	0.762		3.617	
	10144		161			1044		163		
	9983		161			0881		162		
	9822		322			0719		325		
12	29949	9.983		3.947		2644	0.881		3.942	
	10170		161			1745		158		
	10009		161			1587		158		
	9848		322			1429		316		
13	30027	10.009		4.269		4761	1.587		4.258	
		117.099					17.089			

F.B. 1387 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 Inst. No. 50010
Notes by S. SHINODA Time 10:30-2:[illegible] Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-10 To B.M. 24-14
Date 9-18-52
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9969	17.099	162	4269		0990	17.089	163	4258	
	9807		161			0827		160		
	9646		323			0667		323		
14	19422	9.807		4592		2484	0.828		4581	
	10121		160			0941		161		
	9981		159			0780		162		
	9822		319			0618		323		
15	19944	9.981		4911		2339	0.780		4904	
	9304		161			1019		162		
	9143		160			0857		162		
	8983		321			0695		324		
16	27430	9.143		5232		2571	0.857		5228	
	10130		163			0822		169		
	9967		163			0653		167		
	9804		326			0486		336		
17	29901	9.967		5558		1961	0.654		5564	
	7752		142			2379		147		
	7610		142			2232		146		
	7468		284			2086		293		
18	22830	7.610		5842		6697	2.232		5857	
		163.607					22.440			

F.B. 387 PG. 104

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 S. SHINODA Time 10:30-2:50 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-10 To B.M. 24-14
Date 9-18-52
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
	8338	163607	073	5.842		3275	22.440	064	5.857	
	8265		072			3211		064		
	8193		145			3147		128		
19	24796	8.265		5.987		9033	3.211		5.985	
		171.872					25.651			B.M. 24-13 (U.S. 2956 N171)
										LAKE AVE & ELIZABETH ST.
										SEE F.B. 1387-17
										FOR DESCRIPTION
	5800		152			0856		154		
	5648		153			0702		152		
	5495		305			0550		306		
20	16943	5.648		6.292		2108	0.703		6.291	
	10142		144			1692		144		
	9998		148			1548		145		
	9850		292			1403		289		
21	29990	9.997		6.584		4643	1.548		6.580	
	10430		147			0802		148		
	10283		146			0654		146		ONE HOUR FOR LUNCH
	10137		293			0508		294		
22	30850	10.283		6.877	91°	1964	0.655		6.874	
		197.~~740~~ 800					28.557			

F.B. 1387 PG. 105

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 S. SHIODA Time 10:30-2:50 PM Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 4723
From B.M. 24-10 To B.M. 24-14
Date 9-18-52
Indexed E. G. Johnson

Number of Setups	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
	8604	197 ~~740~~ 800	096	6877		2279	28.557	099	6874	
	8508		097			2180		097		SUMMATION OF RUN
	8411		193			2083		196		B.M. 24-10 TO B.M. 24-14
23	25523	8508		7070	96°	6542	2181		7070	
	7941		085			3975		085		TOTAL BACKSIGHTS + 232 068
	7856		084			3890		085		" FORESIGHTS − 37 014
	7772		169			3805		170		DIFF IN ELEVATION + 195.054
24	23569	7.856		7239		11670	3.890		7240	47
		214.164 4					34.628			B.M. CITY OF PASADENA
										LAKE AVE & ATCHISON ST.
										NE COR, BOLT IN CB 0.40 FT
										N OF N END C.R
	10210		145			1002		144		
	10065		145			0858		145		
	9920		290			0713		289		
25	30195	10.065		7529		2573	0.858		7529	
	7952		120			1646		118		B.M. 24-14
	7832		120			1528		117		LAKE AVE & WOODBURY RD
	7712		240			1411		235		SEE F.B. 1387-18
26	23496	7.832		7769		4585	1.528		7764	FOR DESCRIPTION
		232.068					37.014			

F.B. 1387 PG. 106

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
Noted by J. SHIMODA Time 2:50 - 3:50 P.M. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-14 To B.M. 24-10
Date 9-18-52
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
	1632		117		#5	7940		121		B.M. 24-14
	1515		117			7819		121		LAKE AVE & WOODBURY RD
	1398		234			7698		242		SEE F.B. 1387-28
1	4545	1.515		.234		23457	7.819		.242	FOR DESCRIPTION
	0991		143			10200		145		
	0848		142			10055		146		π G. E. DREIER
	0706		285			9910		290		
2	2545	0848		.519		30165	10.055		.532	
		2.363					17.874			B.M. CITY OF PASADENA
										LAKE AVE & ATCHISON ST
										N.E. COR. BOLT IN CURB 0.40
										FT N OF N END CR
	3980		085			7946		085		
	3895		084			7861		084		
	3811		169			7777		169		
3	11686	3.895		.688		23584	7.861		.701	
	2221		101			8541		093		
	2120		101			8448		094		
	2019		202			8354		187		
4	6360	2.120		.890		25343	8.448		.888	
		8.378					34.183			

F.B. 1387 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.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:50-3:15 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-14 To B.M. 24-10
Date 9-18-52
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
	0772	8.378	147	890		10398	34183	148	.888	
	0625		147			10250		147		
	0478		294			10103		295		
5	1875	0.625		1.184		30751	10.250		1.183	
	1681		146			10130		147		
	1535		145			9983		144		
	1390		291			9839		291		
6	4606	1.535		1.475		29952	9.984		1.474	
	0849		154			5793		153		
	0695		153			5640		152		
	0542		307			5488		305		
7	2086	0.695		1.782		16921	5.640		1.779	
		11.233					60.057			BM 24-13 (US 2956 N171) LAKE AVE & ELIZABETH ST SEE F.B. 1387-17 FOR DESCRIPTION
F.B. 1397 PG. 108										
	3127		068			7449		068		
	3059		068			7381		068		
	2991		136			7313		136		
8	9177	3.059		1.918		22143	7.381		1.915	
		14.292					67.438			

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 S. SHINODA Time 2:50-3:50 P.M. Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-4 To B.M. 24-10
Date 9-18-52
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
	1706	14292	147	1.918		7818	17238	146	1.915	
	1559		147			7672		143		
	1412		294			7529		289		
9.	4677	1.559		2.212		23017	7.672		2.204	
	0821		170			10124		162		
	0651		170			9962		161		
	0481		340			9801		323		
10.	1953	0.651		2.552		29887	9.962		2.527	
	0972		161			9261		160		
	0813		161			9101		160		
	0652		322			8941		320		
11	2439	0.813		2.874		27303	9.101		2.847	
	1097		158			10309		166		
	0939		157			10143		164		
	0782		315			9979		330		
12	2818	0.939		3.189		30431	10.144		3.177	
	1025		161			10000		161		
	0864		161			9839		161		
	0703		322			9678		322		
13.	2592	0.864		3.511		29517	9.839		3.499	
		19.118					114.156			

F.B. 1387 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 Inst. No. 50010
Notes by S. SHINODA Time 2:50-3:15 PM Rod No. S&C

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-14 To B.M. 24-10
Date 9-18-52
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
	1757	19.118	157	3511		10181	114.156 7	163	3499	
	1600		156			10018		163		
	1444		313			9855		326		
14	4801	1.600		3924		30054	10.018		3825	
	0932		161			10032		161		
	0771		160			9871		161		
	0611		321			9710		322		
15	2314	0.771		4145		29613	9.871		4147	
	1027		161			9721		159		
	0866		162			9562		159		
	0704		323			9403		318		
16	2597	0.866		4468		28686	9.562		4465	
		22.355					143.607 8			B.M. 24-12 (ALTADENA I-4) LAKE AVE & WASHINGTON ST. SEE F.B. 1387-16 FOR DESCRIPTION
	2648		099			4232		104		
	2549		098			4128		103		STOPPED 3:50 PM 9-18-52
	2451		197			4025		207		
17	7648	2.549		4665	95°	12385	4.128		4672	
		24.904					147.735			

F.B. 1387 PG. 110

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 J. SHINODA Time 9:55 - 10:25 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-11 To B.M. 24-10
Date 9-19-52
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
		24.904		4.665			127.735		4.672	BM 24-11 (U.S. 2955 M17)
										LAKE AVE & WASHINGTON ST.
										SEE FB 1387-1C
										FOR DESCRIPTION
	0702		122			8658		126		
	0580		122			8532		124		BEGAN 9:55 AM 9-19-52
	0458		244			8408		250		
18	1740	0.580		4.909	78°	25598	8.533		4.922	
	1400		160			9780		161		
	1240		159			9619		160		
	1081		319			9459		321		
19	3721	1.240		5.228		28858	9.619		5.243	
	1049		177			10278		175		
	0872		175			10103		175		
	0697		352			9928		354		
20	2618	0.873		5.580		30309	10.103		5.593	
	1594		160			9583		161		
	1434		159			9422		160		
	1275		319			9262		321		
21	4303	1.434		5.899		28267	9.422		5.914	
		29.031					185.412			

F.B. 1387 PG. 111

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 CLOUDY Inst. No. 50010
Notes by S. SHINODA Time 9:55-10:25 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-14 To B.M. 24-10
Date 9-18-52
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
	1390	29.031	162	5899		9675	15.412 3	163	5914	
	1228		160			9512		162		
	1068		322			9350		325		
22	3686	1.229		6221		28537	9.512		6239	
	1327		161			9579		162		
	1166		163			9417		161		
	1003		324			9256		323		
23	3496	1.165		6545		28252	9.417		6562	
	0659		188			10041		178		
	0471		188			9863		178		SUMMATION OF RUN
	0283		376			9685		356		B.M. 24-14 TO B.M. 24-10
24	1413	0.471		6921		29589	9.863		6918	
	1900		214			8221		213		TOTAL BACKSIGHTS +36.116
	1686		215			8008		210		" FORESIGHTS -231.165
	1471		429			7798		423		DIFF. IN ELEVATION -195.049
25	5057	1.686		7350		24027	8.009		7341	
	2751		214			9159		208		B.M. 24-10 (ALTADENA I 5)
	2537		215			8951		204		LAKE AVE & BELL ST.
	2322		429			8747		412		SEE F.B. 1387-15
26	7610	2.537		7779	80°	26857	8.952		7753	FOR DESCRIPTION
		36.116					231.165			

F.B. 1387 PG. 112

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 S. SHINODA Time 10:40-11:25 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-14 To B.M. 24-15
Date 9-19-52
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
	8003		213		#5	4519		216		BM 24-14
	7790		211			4303		213		LAKE AVE & WOODBURY RD
	7579		424			4090		429		SEE F.B. 1387-1A
1	23372	7.791		.424	80°	12912	4.304		.429	FOR DESCRIPTION
	6190		213			4871		213		
	5977		212			4658		214		R. E. LANDA
	5765		425			4444		427		
2	17932	5.977		.849		13973	4.658		.856	
	3961		211			8409		215		
	3750		211			8194		215		
	3539		422			7979		430		
3	11250	3.750		1.271		24582	8.194		1.286	
	2240		212			9258		216		
	2028		211			9042		212		
	1817		423			8830		428		
4	6085	2.028		1.694		27130	9.043		1.714	
	1885		219			8558		210		
	1666		218			8348		209		
	1448		437			8139		419		
5	4999	1.666		2.131		25045	8.348		2.133	
		21.212					34.547			

F.B. 1387 PG. 113

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 S. SHINODA Time 10:40-11:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-14 To B.M. 24-15
Date 9-19-52
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
	2370	21.212	190	2131		7780	34.547	216	2133	
	2180		188			7564		214		
	1992		37N			7350		430		
6	6542	2181		2509		22694	7565		2563	
		23.393					42.112			B.M. A4 WOODBURY RD & EL MOLINO AVE S.W. COR. BOLT IN CB AT W END OF C.R.
	3658		176			7209		161		
	3482		173			7048		163		
	3309		349			6885		324		
7	10449	3483		2858		21142	7047		2887	
	2749		218			5524		207		
	2531		220			5317		206		
	2311		438			5111		413		
8	7591	2530		3296		15952	5317		3300	
	6600		212			2438		217		
	6388		215			2221		216		
	6173		427			2005		433		
9	19160	6387		3723		6664	2221		3733	
		35793					56697			

F.B. 1387 PG. 114

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 S. SHINODA Time 10:40 - 11:25 Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-14 To B.M. 24-15
Date 9-19-52
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
	7437	35.793	137	3.723		3432	56.697	138	3.733	
	7300		138			3294		136		
	7162		275			3158		274		
10.	21899	7.300		3.998		9884	3.295		4.007	
	7500		140			4166		137		B.M. 24-15
	7360		139			4029		137		WOODBURY RD & SANTA ROSA AVE
	7221		279			3892		274		SEE F.B. 1387-19
11.	22081	7.360		4.277	82°	12087	4.029		4.281	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 24-14 TO B.M. 24-15
										TOTAL BACKSIGHTS 150.453
										- FORESIGHTS - 64.021
										DIFF. IN ELEVATION - 13.568
		50.453					64.021			

F.B. 1387 PG. 115

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. 387 PG. 116

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 J. SHINODA Time 11:25- Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-15 To B.M. 24-14
Date 9-19-52
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
	4077		138		#5	7409		140		B.M. 24-15
	3939		137			7269		140		WOODBURY RD & SANTA ROSA AVE
	3802		275			7129		280		SEE F.B. 1387-19
1	11818	3.939		275	82°	21807	7.269		280	FOR DESCRIPTION
	3460		139			7465		136		
	3321		138			7329		138		⊼ E. LANDA
	3183		277			7191		274		
2	9964	3.321		552		21985	7.328		554	
	2405		215			6569		216		
	2190		215			6353		213		
	1975		430			6140		429		
3	6570	2.190		982		19062	6.354		983	
	5637		214			2851		213		
	5423		211			2638		215		
	5212		425			2423		428		
4	16272	5.424		1407		7912	2.637		1411	
	7158		173			3584		165		
	6985		171			3419		164		
	6814		344			3255		329		
5.	20957	6.986		1751		10258	3.419		1740	
		21.860					27.007			

F.B. 1387 PG. 117

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. DEEIER Weather CLOUDY Inst. No. 50010
Notes by S. SHINODA Time 11:25 Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-15 To B.M. 24-14
Date 9-19-52
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
		21.860		1.751			27.907		1.740	B.M. A4 WOODBURY RD & EL MOLINO AVE. S.W. COR., BOLT IN CB at W END OF CR
	7920		199			2560		204		
	7721		199			2356		204		
	7522		398			2152		408		
6.	23223	7.746		2.149		7068	2.356		2.148	
	8663		214			1981		214		
	8449		211			1767		213		
	8238		425			1554		427		
7.	25350	8.450		2.574		5302	1.767		2.575	
	9132		212			2121		214		
	8920		212			1907		214		
	8708		424			1693		428		
F.B. 1387 PG. 118 8.	26760	8.920		2.998		5721	1.907		3.003	
	8414		215			3964		213		
	8199		212			3751		211		
	7987		427			3540		424		
9.	24600	8.200		3.425		11255	3.752		3.427	
		55.171					36.789			

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 S. SHINODA Time 11:25 - 12:00 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 1923
From B.M. 24-15 To B.M. 24-14
Date 9-19-52
Indexed R. 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
	4842	55.171	214	3.425		6104	36.789	212	3.427	
	4628		214			5952		211		
	4414		424			5741		423		
10	13884	4628		3853		17857	5952		3850	
	4555		215			8037		214		B.M. 24-14
	4340		217			7823		211		WOODBURY RD & LAKE AVE
	4123		432			7612		425		SEE F.B. 1387-12
11	13018	4339		4285	80°	23471	7824		4275	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 24-15 TO B.M. 24-14
										TOTAL BACKSIGHTS + 64.138
										- FORESIGHTS - 50.565
										DIFF. IN ELEVATION + 13.573
		64.138					50.565			

F.B. 1387 PG. 112

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. 1287 PG. 120

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 J. SHINODA Time 9:10-3:55 P.M. Rod No. 546

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From B.M. 24-14 To B.M. 24-15
Date 10-6-52
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
	8017		216		#5	4528		216		B.M. 24-14
	7801		212			4312		213		LAKE AVE & WOODBURY RD
	7589		428			4099		429		SEE F.B. 1387-1
1	23407	7.802		428	88°	12939	4313		429	FOR DESCRIPTION
	6133		211			4816		216		
	5922		212			4600		212		π E. LANDA
	5710		423			4388		428		
2	17765	5922		851		13804	4601		857	
	3950		214			8400		217		
	3736		211			8183		214		
	3525		425			7969		431		
3	11211	3.737		1276		24552	8.184		1288	
	2341		212			9359		215		
	2129		211			9144		214		
	1918		423			8930		429		
4	6388	2.129		1699		27433	9.144		1717	
	1938		217			8616		214		
	1721		214			8402		210		
	1507		431			8192		424		
5	5166	1.722		2130		25210	8.403		2141	
		21.312					34.605			

F.B. 1387 PG. 121

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 J. SHINODA Time 3:10-3:55 PM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 14-14 To B.M. 24-15
Date 10-6-52
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
	2248	21.312	200	1130		7641	34.645	204	2.141	
	2048		199			7437		205		
	1849		399			7232		409		
6.	6145	2048		2529		22310	7.437		2550	
		23360					42082			B.M. A-4 WOODBURY RD & EL MOLINO AVE SW COR. BOLT IN CB AT W END OF C.R.
	3724		155			7312		181		
	3569		157			7131		179		
	3412		312			6952		360		
7	10705	3568		2841		21395	7.132		2910	
	2767		225			5534		203		
	2542		222			5331		201		
	2320		447			5130		404		
8.	7629	2543		3288		15995	5332		3314	
	6650		220			2470		210		
	6430		221			2260		208		
	6209		441			2052		418		
9.	19289	6430		3729		6782	2261		3732	
		35901					56807			

F.B. 387 PG. 122

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 J. SHINODA Time 3:10-3:55 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4913
From B.M. 24-14 To B.M. 24-15
Date 10-6-52
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
	8134	35.901	214	3.729		2001	56.807	209	3.732	
	7920		212			1792		205		
	7708		426			1587		414		
10	23762	7921		4155		5380	1793		4146	
	6460		069			5249		066		B.M. 24-15
	6391		067			5183		064		WOODBURY RD & SANTA ROSA AVE
	6324		136			5119		130		SEE F.B. 1387-19
11	19175	6392		4291	86°	15551	5184		4276	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 24-14 TO B.M. 24-15
										TOTAL BACKSIGHTS +50.214
										" FORE " −13.784
										DIFF IN ELEVATION +13.570
		50.214					13.784			

F.B. 1387 PG. 123

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. 1387 PG. 124										

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 S. SHINODA Time 2:25-3:00 P.M. Rod No. 5 & 6

Name L. A. CO PRECISE LEVEL NET
Job No. 4923
From B.M. 24-15 To B.M. 24-14
Date 10-13-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3845		138		#6	7178		140		B.M. 24-15
	3707		137			7038		138		WOODBURY RD & SANTA ROSA AVE
	3570		275			6900		278		SEE F.B. 1317-B
1	11122	3.707		275	77°	21116	7.039		.278	FOR DESCRIPTION
	2615		136			6622		140		
	2479		137			6482		139		π E. LANDA
	2342		273			6343		279		
2	7436	2.479		548		19447	6.482		.557	
	2332		213			6503		216		
	2119		211			6287		217		
	1908		424			6070		433		
3	6359	2.120		972		18860	6.287		.990	
	5610		216			2815		211		
	5394		215			2604		207		
	5179		431			2397		418		
4	16183	5.394		1403		7816	2.605		1408	
	7282		183			3689		155		
	7099		183			3534		152		
	6916		366			3382		307		
5	21297	7.099		1769		10605	3.535		1.715	
		20.799					25.948			

F.B. 1357 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 S. SHINODA Time 2:25-3:00 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-15 To B.M. 24-14
Date 10-13-52
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
		20.799		1.769			25.948		1.715	B.M. AE 4 WOODBURY RD & EL MOLINO AVE S.W. COR., BOLT IN CB AT W END OF C.R.
	7130		190			2468		216		
	7040		188			2252		213		
	7052		378			2039		429		
6	22922	7.641		2.147		6759	2.253		2.144	
	8669		214			1988		216		
	8455		214			1772		212		
	8241		428			1560		428		
7	25365	8.455		2.575		5320	1.773		2.572	
	9243		214			2226		214		
	9029		214			2012		211		
	8815		428			1801		425		
8	27087	9.029		3.005		6039	2.013		2.997	
	8325		216			3873		213		
	8109		214			3660		210		
	7895		430			3450		423		
9	24329	8.110		3.433		10983	3.661		3.420	
		54.034					35.648			

F.B. 6387 PG. 126

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 S. SHINODA Time 2:25-3:00 P.M. Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-15 To B.M. 24-14
Date 10-13-52
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
	4737	5.4034	215	3.433		6058	3.5648	215	3.420	
	4522		213			5843		212		
	4309		428			5631		427		
10	13568	4523		3861		17532	5.844		3.847	
	4613		213			8102		217		B.M. 24-14
	4400		211			7885		214		WOODBURY RD & LAKE AVE
	4189		424			7671		431		SEE F.B. 1387-18
11	13202	4401		4285	78°	23658	7.886		4278	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 24-15 TO B.M. 24-14
										TOTAL BACKSIGHTS 62.958
										" FORE " 49.378
										DIFF IN ELEVATION +13.580
		62.958					49.378			

F.B. 1387 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. 1387 PG. 128										

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 S. SHINODA Time 1:30-2:20PM Rod No. 5EC

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-15 To B.M. 24-16
Date 9-19-5
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
	8822		210		#5	2209		210		B.M. 24-15
	8612		210			1993		215		WOODBURY RD & SANTA ROSA AVE
	8402		420			1778		431		SEE F.B. 1387-19
1	25836	8612		420	78°	5980	1.993		431	FOR DESCRIPTION
	8652		212			2440		215		
	8440		209			2225		214		T. E. LANDA
	8231		421			2011		429		
2	25323	8441		841		6676	2.225		860	
	8201		215			4262		214		
	7986		214			4048		216		
	7772		429			3832		430		
3	23959	7.986		1270		12142	4.047		1290	
	7121		213			3398		217		
	6908		214			3181		213		
	6694		427			2968		430		
4	20723	6.908		1697		9547	3.182		1720	
	6997		217			3474		214		
	6780		214			3260		210		
	6566		431			3050		424		
5	20343	6.781		2128		9784	3.261		2144	
		38728					14.708			

F.B. 1387 PG. 12

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 J. SHINODA Time 1:30-2:20 P.M. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-15 To B.M. 24-16
Date 9-19-52
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
	7527	38.728	216	2.128		3870	14.708	218	2.144	
	7311		213			3652		220		
	7098		429			3432		438		
6	21936	7.312		2.557		10954	3.651		2.582	
	7097		229			5077		218		
	6868		226			4859		217		
	6642		455			4642		435		
7	20607	6.869		3.012		14578	4.859		3.017	
	5348		216			6186		215		
	5132		213			5971		212		
	4919		429			5759		427		
8	15399	5.133		3.441		17916	5.972		3.444	
	5295		215			6042		214		
	5080		211			5828		216		
	4869		426			5612		430		
9	15244	5.081		3.867		17482	5.827		3.874	
	2912		227			9069		230		
	2685		227			8839		228		
	2458		454			8611		458		
10	8055	2.685		4.321		26519	8.840		4.332	
		65.808					43.857			

F.B. 1387 PG. 130

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 S. SHINODA Time 1:30-2:20 P.M. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-15 To BM 24-16
Date 9-19-52
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
	2255	25.808	153	4321		6991	43.851	150	4332	
	2102		150			6841		150		
	1952		303			6691		300		
11	6309	21.103		4624		10523	6.841		4632	
	4935		148			5600		146		BM 24-16
	4787		147			5454		144		ATLANTA ST & FAIR OAKS AVE
	4640		295			5310		290		SEE F.B. 1387-20
12	14362	4.787		4919	76°	16364	5.455		4922	FOR DESCRIPTION
										SUMMATION OF RUN
										BM 24-15 TO BM 24-16
										TOTAL BACKSIGHTS + 72.698
										" FORESIGHTS - 56.153
										DIFF. IN ELEVATION + 16.545
		72.698					56.153			

F.B. 1387 PG. 131

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. 1287 PG. 132

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 S. SHINODA Time 10:25-11:20AM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-16 To B.M. 24-15
Date 9-22-52
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5828		147		#5	5157		146		BM 24-16
	5681		147			5011		146		FAIR OAKS AVE & ATLANTA ST
	5534		294			4865		292		SEE F.B. 1387-20
1	17043	5.681		.294	87°	15033	5.011		.292	FOR DESCRIPTION
	6734		152			1995		153		
	6582		151			1842		149		K. E. LANDA
	6431		303			1693		302		
2	19747	6.582		.597		5530	1.843		.594	
	9108		230			2948		228		
	8878		228			2720		227		
	8650		458			2493		454		
3	26636	8.879		1.055		8161	2.720		1.049	
	6299		216			5550		212		
	6083		213			5338		215		
	5870		429			5123		427		
4	18252	6.084		1.484		16011	5.337		1.476	
	6179		217			5342		213		
	5962		213			5129		211		
	5749		430			4918		424		
5	17890	5.963		1.914		15389	5.130		1.900	
		33.189					20.044			

F.B. 1387 PG. 133

FORM 2-SEM 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. SHINODA Time 10:25-11:20 AM Rod No. S & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-16 To B.M. 24-15
Date 9-22-52
Indexed A. C. Johnson

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
	5004	33.189	219	1.914		7012	20.041	224	1.900	
	4785		219			6788		225		
	4566		438			6563		449		
6.	14355	4785		2352		20363	6.788		2349	
	3517		215			7177		216		
	3302		213			6961		212		
	3089		428			6749		428		
7.	9908	3.303		2780		20887	6.962		2777	
	3487		217			7001		213		
	3270		213			6788		213		
	3057		430			6575		426		
8.	9814	3.271		3210		20364	6.788		3203	
	3449		216			7173		214		
	3233		212			6959		213		
	3021		428			6746		427		
9	9703	3.234		3638		20878	6.959		3630	
	2940		218			6870		213		
	2722		214			6657		214		
	2508		432			6443		427		
10.	8170	2.723		4070		19970	6.657		4057	
		50.505					54.195			

F.B. 1587 PG. 134

FORM 579 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 J. SHINODA Time 10:25 - 11:20 AM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-16 To B.M. 24-15
Date 9-22-54
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2467	50.505	216	4.070		8676	54.195	213	4.057	
	2251		212			8463		211		
	2039		428			8252		424		
11	6757	2.252		4.498		25391	8.464		4.481	
	1702		214			8319		214		BM 24-15
	1488		213			8105		211		WOODBURY RD & SANTA ROSA AVE
	1275		427			7894		425		SEE F.B. 1387-19
12.	4465	1.488		4.925	72°	24318	8.106		4.906	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 24-16 TO B.M. 24-15
										TOTAL BACKSIGHTS + 54.245
										- FORESIGHTS - 70.765
										DIFF. IN ELEVATION - 16.520
										F.B. 1377 PG. 135
		54.245					70.765			

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. 1387 PG. 136										

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 G.E. DREIER Time 2:45 TO 3:35 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-16 To B.M. 24-15
Date 9-22-52
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
	5910		148		*5	5240		146		B.M. 24-16
	5762		148			5094		144		ATLANTA ST. & FOUR OAKS AVE
	5614		296			4950		290		SEE F.B. 1381-20
1	17286	5.762		296	95°	15284	5.095		290	FOR DESCRIPTION
	6699		151			1960		150		
	6548		152			1810		151		T. E. LANDA
	6396		303			1659		301		
2	19643	6.548		599		5429	1.810		591	
	9083		229			2927		230		
	8854		226			2697		228		
	8628		455			2469		458		
3	26565	8.855		1054		8093	2.698		1049	
	6057		216			5310		213		
	5841		213			5097		214		
	5628		429			4883		427		
4	17526	5.842		1483		15290	5.097		1476	
	6110		215			5272		213		
	5895		214			5059		214		
	5681		429			4845		427		
5	17686	5.895		1912		15176	5.059		1903	
		32.902					19.757			

F.B. 1397 PG. 137

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 G.E. DREIER Time 2:45 TO 3:35 Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-16 To B.M. 24-15
Date 9-22-52
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
	5064	52.902	224	1.912		7068	19.752	222	1.903	
	4840		221			6846		218		
	4619		445			6628		440		
6	45.23	4.844		2.357		20542	6.847		2.343	
	3458		216			7113		212		
	3242		213			6901		211		
	3029		429			6690		423		
7	9729	3.243		2.786		20704	6.901		2.766	
	3358		218			6872		212		
	3140		214			6660		211		
	2926		432			6449		423		
8	9.424	3.141		3.218		19981	6.660		3.189	
	3250		215			6975		214		
	3035		214			6761		211		
	2821		429			6550		425		
9	9.106	3.035		3.647		20286	6.762		3.614	
	2969		211			6910		218		
	2758		211			6692		214		
	2547		422			6478		432		
10	8.274	2.758		4.069		20080	6.693		4.046	
		49.920					53.620			

F.B. 1387 PG. 138

2

FORM 378 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 " Time 2:45 TO 3:35 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 24-16 To B.M. 24-15
Date 9-22-52
Indexed A. 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
	2452	49.920	213	4.069		8671	53.629	213	4.046	
	2259		211			8458		215		
	2028		424			8243		428		
11	6719	2.240		4.493		25372	8457		4.474	
	1659		216			8273		211		B.M. 24-15
	1443		215			8062		207		WOODBURY Rd & SANTA ROSA
	1228		43N			7855		418		SEE F.B. 1387-19
12	4330	1.443		4.924	93°	24190	8063		4.892	FOR DESCRIPTION

SUMMATION OF RUN
B.M. 24-16 TO B.M. 24-15
TOTAL BACKSIGHTS - 53.603
TOTAL FORESIGHTS - 70.143
DIFF IN ELEVATION - 16.537

F.B. 1387 PG. 139

53603 70.143

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. 1387 PG. 140										

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 J. SHINODA Time 9.00-9.45AM Rod No. 55 C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-15 To BM 24-1C
Date 10-7-52
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
	9034		219		AC	2401		217		BM 24-15
	8821		209			2184		214		WOODBURY RD & SANTA ROSA AVE
	8612		422			1970		431		SEE F.B. 1387-19
1.	26467	8.822		.422	85	6555	2.185		.431	FOR DESCRIPTION
	8588		211			2401		216		
	8377		212			2185		216		π E. LANDA
	8165		423			1969		432		
2	25130	8.377		.845		6555	2.185		.863	
	8012		214			4304		216		
	8008		212			4088		216		
	7796		426			3872		432		
3	24026	8.009		1.271		12264	4.088		1.295	
	7102		212			3363		213		
	6890		213			3150		215		
	6677		425			2935		428		
4	20669	6.890		1.696		9448	3.149		1.723	
	7003		220			3475		208		
	6783		221			3267		207		
	6562		441			3060		415		
5	20348	6.783		2.137		9802	3.267		2.138	
		39.881					14.874			

F.B. 1387 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 S. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:00-9:45 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-15 To BM 24-16
Date
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
	7255	38.88	215	2137		3593	4874	213	2138	
	7040		211			3380		212		
	6829		426			3168		425		
6	21124	7.041		2563		10141	3380		2563	
	7023		222			5022		224		
	6801		219			4798		224		
	6582		441			4574		448		
7	20406	6.802		3004		14394	4798		3011	
	5306		215			6139		214		
	5091		212			5925		215		
	4879		427			5710		429		
8	15276	5.092		3431		17774	5925		3440	
	5392		214			6140		213		
	5178		213			5927		214		
	4965		427			5713		427		
9	15535	5.178		3858		17780	5927		3867	
	2879		229			9037		230		
	2650		228			8807		227		
	2422		457			8580		457		
10	7951	2.650		4315		26424	8808		4324	
		15.644					43.712			

F.B. 1387 PG. 142

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. SHINODA Time 9:00 - 9:45AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-15 To BM 24-16
Date 10-7-52
Indexed [redacted]

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
	1981	6544	151	4315		6722	6712	151	4324	
	1830		152			6571		149		
	1678		3031			6422		300		
11	5489	1830		4618		19715	6572		4624	
	5197		148			5858		148		BM 24-16
	5049		146			5710		147		ATLANTA ST & FAIR OAKS AVE
	4903		294			5563		295		SEE F.B. 1387-20
12	15149	5050		4912	80°	17131	5710		4919	FOR DESCRIPTION
										SUMMATION OF RUN BM 24-15 TO BM 24-16
										TOTAL BACKSIGHTS +72.524
										" FORESIGHTS -55.994
										DIFF. IN ELEVATION +16.530
		72.524					55.994			

F.B. 1387 PG. 143

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. 1397 PG. 144										

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 S. SHINODA Time 1:25-2:15 PM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-16 To B.M. 24-15
Date 10-13-52
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5848		148		#6	5184		146		B.M. 24-16
	5700		146			5038		146		FAIR OAKS AVE & ATLANTA ST
	5554		294			4892		292		SEE F.B. 1387-20
1	17102	5.701		.294	80°	15114	5.038		.292	FOR DESCRIPTION
	6720		151			1991		151		
	6569		150			1840		150		π E. LANDA
	6419		301			1690		301		
2	19708	6.569		.595		5521	1.840		.593	
	9042		229			2883		227		
	8813		226			2656		229		
	8587		455			2427		456		
3	26442	8.814		1.050		7966	2.656		1.049	
	5942		214			5185		215		
	5728		215			4970		211		
	5513		429			4759		426		
4	17183	5.728		1.479		14914	4.971		1.475	
	6095		216			5271		215		
	5879		214			5056		213		
	5665		430			4843		428		
5	17639	5.880		1.909		15170	5.057		1.903	
		32.692					19.564			

F.B. 1387 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 S. SHINODA Time 1:25-2:15 P.M. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-16 To B.M. 24-15
Date 10-13-52
Indexed L. G. 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
	4955	32.692	223	1.909		6959	19.561	210	1.903	
	4732		222			6749		209		
	4510		445			6540		419		
6	14197	4.732		2.354		20248	6.749		2.322	
	3806		223			7452		220		
	3583		221			7232		217		
	3362		444			7015		437		
7	10751	3.584		2.798		21699	7.233		2.759	
	3603		207			7122		220		
	3396		208			6902		217		
	3188		415			6685		437		
8	10187	3.396		3.213		20709	6.903		3.196	
	3468		215			7201		212		
	3253		213			6989		213		
	3040		428			6776		425		
9	9761	3.254		3.641		20966	6.989		3.621	
	2992		211			6919		218		
	2781		211			6701		219		
	2570		422			6482		437		
10	8343	2.781		4.063		20102	6.701		4.058	
		50.439					54.136			

F.B. 1387 PG. 146

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 S. SHINODA Time 1:25-2:15 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-16 To B.M. 24-15
Date 10-13-52
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2373	50.439	213	4.063		8592	54.136	213	4.058	
	2160		212			8379		210		
	1948		425			8169		423		
11	6481	2.160		4.488		25140	8.380		4.481	
	1612		215			8225		213		BM 24-15
	1397		215			8012		209		WOODBURY RD & SANTA ROSA AVE
	1182		430			7803		422		SEE F.B. 1387-18
12	4191	1.397		4.918	77°	24040	8.013		4.905	FOR DESCRIPTION
										SUMMATION OF RUN
										BM 24-16 TO BM 24-15
										TOTAL BACKSIGHTS + 53.996
										- FORE " - 70.529
										DIFF IN ELEVATION -16.533
										F.B. 1387 PG. 147
		53.996					70.529			

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. 1387 PG. 148										

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2:30-3:25 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-16 To BM 24-17
Date 9-19-5-
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
	4101		211		#5	8731		213		BM 24-16
	3890		211			8518		216		ATLANTA ST. & FAIR OAKS AVE
	3679		422			8302		429		SEE F.B. 1387-20
1	11670	3890		422	76°	25551	8517		429	FOR DESCRIPTION
	2564		212			7415		215		
	2352		212			7200		212		⊼ G.E. DREIER
	2140		424			6988		427		
2	7056	2352		844		21603	7201		856	
	4033		220			6720		221		
	3813		219			6499		220		
	3594		439			6279		441		
3	11440	3813		1283		19498	6499		1297	
	4381		214			6901		214		
	4167		214			6687		214		
	3953		427			6473		428		
4	12501	4167		1713		20061	6687		1725	
	4116		214			6749		214		
	3902		212			6535		213		
	3690		426			6322		427		
5	11708	3903		2139		19606	6535		2152	
		18125					35439			

F.B. 1387 PG. 149

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 S. SHINODA Time 2:30 - 3:25 p.m. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-16 To B.M. 24-17
Date 9-19-52
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
	4256	18.125	204	2.139		6841	35.439	203	2.152	
	4052		202			6638		205		
	3850		406			6433		408		
6	12158	4.053		2545		19912	6.637		2560	
		22.178					42.076			B.M. AE 331 MONTANA ST & NAVARRO ST. N.E. COR., BOLT IN CB AT N END OF C.R.
	0739		136			11630		127		
	0603		134			11503		126		
	0469		270			11377		253		
7	1811	0.604		2815		34510	11.503		2813	
	0676		075			9225		070		
	0601		075			9155		071		
	0526		150			9084		141		
8	1803	0.601		2965		27464	9.155		2954	
	1063		073			8820		072		
	0990		073			8748		072		
	0917		146			8676		144		
9	2970	0.990		3111		26244	8.748		3098	
		24.373					71.482			

F.B. 1287 PG. 150

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. DRELER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2:30-3:25 P.M. Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 24-16 To B.M. 24-17
Date 9-19-52
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
	1423	2.373	208	3.111		5081	7.482	216	3.098	
	1215		207			4865		215		
	1008		415			4650		431		
10.	3646	1.215		3.526		14596	4.865		3.529	
	6098		214			5831		212		
	5884		212			5619		212		
	5672		426			5407		424		
11	17654	5.885		3.952		16857	5.619		3.953	
	4999		213			6003		212		
	4786		214			5791		211		SUMMATION OF RUN
	4572		427			5580		423		B.M. 24-16 TO B.M. 24-17
12	14357	4.786		4.379		17374	5.791		4.376	
	5097		216			6227		217		TOTAL BACKSIGHTS +46.142
	4881		213			6010		214		FORESIGHTS -101.021
	4668		429			5796		431		DIFF. IN ELEVATION -54.879
13.	14646	4.882		4.808		18033	6.011		4.807	
	5182		181			7433		180		B.M. 24-17 (ALTADENA E3)
	5001		181			7253		180		LINCOLN AVE & MONTANA ST.
	4820		362			7073		360		SEE F.B. 1387-2
14.	15003	5.001		5.170	78°	21759	7.253		5.167	FOR DESCRIPTION
		46.142					101.021			

F.B. X 387 PG. 151

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. 1327 PG. 152										

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. 50410
Notes by J. SHINODA Time 9:25-10:20AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-17 To B.M. 24-16
Date 9-22-5
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
	7418		180		#5	5163		183		B.M. 24-17 (PASADENA E.3)
	7238		180			4980		181		LINCOLN AVE & MONTANA ST
	7058		360			4799		364		SEE F.B. 1387-21
1	21714	7.238		.360	85°	14942	4.981		.364	FOR DESCRIPTION
	6207		215			5072		213		
	5992		214			4859		211		A G.E. DREIER
	5778		429			4648		424		
2	17977	5.992		.789		14579	4.860		.788	
	6003		213			4995		215		
	5790		212			4780		211		
	5578		425			4569		426		
3	17371	5.790		1.214		14344	4.781		1.214	
	5839		212			6104		213		
	5627		214			5891		212		
	5413		426			5679		425		
4	16879	5.626		1.640		17674	5.891		1.639	
	5137		214			1483		211		
	4923		213			1272		210		
	4710		427			1062		421		
5	14770	4.923		2.067		3817	1.272		2.060	
		29.569					21.785			

F.B. 1387 PG. 153

FORM 373 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. SHINODA Time 9:25 - 10:20 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-17 To B.M. 24-16
Date 9-22-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8712	29.569	072	2.067		0955	21.785	073	2.060	
	8640		071			0882		074		
	8569		143			0808		147		
6	25921	8.640		2.210		26.45	0.882		2.207	
	9082		070			0534		075		
	9012		067			0459		076		
	8945		137			0383		151		
7	27039	9.013		2.347		1370	0.459		2.358	
	11774		131			0878		132		
	11643		131			0746		134		
	11512		262			0612		266		
8	34929	11.643		2.609		2236	0.745		2.624	
		58.865					23.871			BM AE 331
										MONTANA ST. & NAVARRO AVE.
										N.E. COR., BOLT IN CB AT
										N END OF C.R.
F.B. 1387	6911		204			4322		201		
	6707		203			4121		200		
	6504		407			3921		401		
9	20122	6.707		3.016		12364	4.121		3.025	
		65.572					27.992			

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 J. SHINODA Time 9:25-10:20 AM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-17 To BM 24-16
Date 9-22-57
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
	6761	65.572	214	3.016		4126	27.992	214	3.025	
	6547		215			3912		212		
	6332		429			3700		426		
10	19640	6.547		3.445		11738	3.913		3.451	
	6962		211			4440		213		
	6751		212			4227		216		
	6539		423			4011		429		
11	20252	6.751		3.868		12678	4.226		3.880	
	6777		223			4090		218		
	6554		223			3872		217		SUMMATION OF RUN
	6331		446			3655		435		BM 24-17 TO BM 24-16
12	19662	6.554		4.314		11617	3.872		4.315	
	7699		215			2846		213		TOTAL BACKSIGHTS + 101.502
	7484		213			2633		211		" FORESIGHTS − 46.604
	7271		428			2422		424		DIFF. IN ELEVATION + 54.898
13	22454	7.485		4.742		7901	2.634		4.739	
	8808		216			4178		211		BM 24-16
	8592		213			3967		212		FAIR OAKS AVE & ATLANTA ST
	8379		429			3755		423		SEE F.B. 1387-20
14	25779	8.593		5.171	87°	11900	3.967		5.162	FOR DESCRIPTION
		101.502					46.604			

F.B. 1387 PG. 155

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. 1587 PG. 156										

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. 59010
Notes by E. Landa Time 1115 To 2:20 Rod No. 5 & C

Name L.A. CO. PRECISE LEVEL NET
Job No. 4925
From B.M. 24-17 To B.M. 24-16
Date 9-22-52
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7412		181		75	5160		182		B.M. 24-17 (ALHAMBRA E.S.)
	7231		180			4978		181		Lincoln Ave. & Montana St.
	7051		361			4797		363		See F.B. 1387-21
1	21694	7231		361	95°	14935	4978		363	for description
	6148		217			5013		213		
	5931		213			4800		212		⊼ G.E. Dreier
	5718		430			4588		425		
2	17797	5932		791		14401	4800		785	
	6012		212			5006		214		
	5800		213			4792		213		
	5587		425			4579		427		
3	17399	5800		1216		14377	4792		1215	
	5782		212			6046		213		
	5570		212			5833		212		
	5358		424			5621		425		
4	16710	5570		1640		17500	5833		1640	
	5113		213			4963		211		
	4900		212			4752		211		
	4688		425			4541		422		
5	14701	4900		2065		13756	4752		2062	
		29433					21655			

F.B. 1387 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 E. E. Oreien Weather Clear Inst. No. 50016
Notes by E. Landa Time 1:15 to 2:20 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-17 To B.M. 24-16
Date 9-22-52
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
	9237	29.433	73	2065		1479	21.655	73	2062	
	9164		71			1406		73		
	9093		144			1333		146		
6	27494	9165		2209		4218	1406		2208	
	9313		70			0763		73		
	9243		71			0690		75		
	9172		141			0615		148		
7	27728	9243		2350		2068	0689		2356	
	11.523		133			0635		144		
	11.390		133			0491		143		
	11.257		266			0348		287		
8	34.170	11.390		2616		1474	0.491		2643	
		59.231					28.241			
										B.M. AE331
										Montana St & Navarro Ave
										N.E. Cor. BH. in Cb. N end C.R.
F.B. 1387 PG 158										
	6848		208			4252		199		
	6640		209			4053		196		
	6431		417			3857		395		
9	19919	6640		3033		12162	4054		3038	
		65.871					28.295			

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 S. SHINODA Time 1:15 To 2:20 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-17 To B.M. 24-16
Date 9-22-52
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
	6681	65.871	213	3033		4048	28.295	215	3038	
	6468		213			3833		212		
	6255		426			3621		427		
10	19401	6468		3459		11502	3834		3465	
	6913		213			4390		214		
	6700		212			4176		213		
	6488		425			3963		427		
11	20101	6700		3884		12529	4176		3892	
	6748		220			4064		221		
	6528		226			3843		220		Summation of Run
	6308		446			3623		441		B.M. 24-17 to
12	19584	6528		4324		11530	3843		4333	B.M. 24-16
	7372		215			2519		212		Total Backsights = 100.434
	7157		215			2307		212		Total Foresights = 45.538
	6942		430			2095		424		Diff. in Elev. + 54.896
13	21471	7157		4754		6921	2307		4757	
	7925		215			3293		210		B.M. 24-16
	7710		214			3083		211		Fair Oaks N.E. & Atlanta St.
	7496		429			2872		421		See F.B. 1382-20
14	23131	7710		5183	95°	9248	3083		5178	for description
		100.434					45.538			

F.B. 1387 PG. 59

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. 1387 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 Inst. No. 50010
Notes by S. SHINODA Time 8:35-9:25 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-1 To B.M. 24-17
Date 9-23-5
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
	4142		211		#5	8770		213		B.M. 24-16
	3931		211			8557		215		ATLANTA ST & FAIR OAKS AVE
	3720		422			8342		428		SEE F.B. 1387 20
1	11793	3.931		422	78°	25669	8.556		428	FOR DESCRIPTION
	2790		211			7643		215		
	2579		211			7428		216		⊼ G.E. DREIER
	2368		422			7212		431		
2	7737	2.579		844		22283	7.428		859	
	4064		223			6741		219		
	3841		222			6522		217		
	3619		445			6305		436		
3	11524	3.841		1289		19568	6.523		1295	
	4411		213			6933		213		
	4198		212			6720		212		
	3986		425			6508		425		
4	12595	4.198		1714		20161	6.720		1720	
	4113		213			6749		217		
	3900		210			6532		213		
	3690		423			6319		430		
5	11703	3.901		2137		19600	6.533		2150	
		18.450					35.760			

F.B. 1387 PG. 161

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 S. SHINODA Time 8:35-9:25 AM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-16 To BM 24-17
Date 9-23-52
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
	4297	18.450	203	2.137		6883	35.760	203	2.150	
	4094		202			6680		202		
	3892		405			6478		405		
6.	12283	4094		2.542		20041	6.680		2.555	
		22.544					42.440			BM AE 311 MONTANA ST & NE COR. BOLT IN CB AT N END OF C.R.
	0920		143			11810		134		
	0777		144			11676		134		
	0633		287			11542		268		
7.	2330	0.777		2.829		35028	11.676		2.823	
	0672		076			9221		070		
	0596		074			9151		070		
	0522		150			9081		140		
8.	1790	0.597		2.979		27453	9.151		2.963	
	1154		070			8918		075		
	1084		070			8843		075		
	1014		140			8768		150		
9.	3252	1.084		3.119		26529	8.843		3.113	
		25.002					72.110			

PG. 162
F.B. 287

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 S. SHINODA Time 8:35-9:25 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-16 To B.M. 24-17
Date 9-23-52
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
	1430	25.002	211	3.119		5083	72.110	214	3.113	
	1219		209			4869		212		
	1010		420			4657		426		
10	3659	1.220		3.539		14609	4.870		3.539	
	6102		212			5838		213		
	5890		212			5625		213		
	5678		424			5412		426		
11	17670	5.890		3.963		16875	5.625		3.965	
	4991		212			6002		213		
	4779		210			5789		214		SUMMATION OF RON
	4569		422			5575		427		B.M. 24-16 TO B.M. 24-17
12	14339	4.780		4.385		17366	5.789		4.392	
	5138		215			6270		216		TOTAL BACKSIGHTS + 46.783
	4923		212			6054		213		- FORESIGHTS - 101.670
	4711		427			5841		429		DIFF. IN ELEVATION - 54.887
13	14772	4.924		4.812		18165	6.055		4.821	
	5148		181			7402		181		B.M. 24-17 (PASADENA E 3)
	4967		180			7221		181		MONTANA ST. & LINCOLN AVE.
	4787		361			7040		362		SEE F.B. 1387-21
14	14902	4.967		5.173	81°	21663	7.221		5.183	FOR DESCRIPTION
		46.783					101.670			

F.B. 1387 PG. 22

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. 1387 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. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:50-10:15 AM. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-1C To BM 24-17
Date 10-7-52
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
	4087		215		#6	8720		214		BM 24-1C
	3872		214			8506		215		ATLANTA ST. & FAIR OAKS AVE
	3658		429			8291		429		SEE F.B. 1387-20
1	11617	3.872		.429	86°	25517	8.506		.429	FOR DESCRIPTION
	2734		212			7587		217		
	2522		211			7370		217		⊼ E. LANDA
	2311		423			7153		434		
2	7567	2.522		.852		22110	7.370		.863	
	3993		222			6676		222		
	3771		219			6454		221		
	3552		441			6233		443		
3	11316	3.772		1.293		19363	6.454		1.306	
	4267		215			6784		214		
	4052		212			6570		212		
	3840		427			6358		426		
4	12159	4.053		1.720		19712	6.571		1.732	
	4066		215			6697		215		
	3851		213			6482		213		
	3638		428			6269		428		
5	11555	3.852		2.148		19448	6.483		2.160	
		18.071					35.380			
							4			

F.B. 1387 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 G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by J. SHINODA Time 9:50-10:15AM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-16 To BM 24-17
Date 10-7-52
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
	4129	18.071	212	2.148		6713	35.386 4	193	2.160	
	3937		214			6520		193		
	3723		426			6327		386		
6	11809	3.936		2.574		19560	6.520		2.540	
		22.007					41.906 4			BM AE 331
										MONTANA ST & NAVARRO ST.
										N.E. COR., BOLT IN CB AT N
										END OF C.R.
	0988		142			11871		122		
	0846		139			11749		125		
	0707		181			11624		247		
7	2541	0.847		2.755		35244	11.748		2.793	
	0632		077			9175		067		
	0555		077			9108		068		
	0478		154			9040		135		
8	1665	0.555		2.909		27323	9.108		2.928	
	0835		075			8594		072		
	0760		074			8522		071		
	0686		149			8451		143		
9	2281	0.760		3.058		25567	8.522		3.071	
		24.169					71.278			
							82			

F.B. 1387 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 7:50-10:15 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-16 To BM 24-17
Date 10-7-54
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
	1412	2.169	215	3.058		5053	7.127 82	211	3.071	
	1197		214			4842		212		
	0983		429			4630		428		
10	3592	1.197		3.487		14525	4.842		3.494	
	5961		213			5700		215		
	5748		213			5485		213		
	5535		426			5272		428		
11	17244	5.748		3.913		16457	5.486		3.922	
	4947		216			5950		213		
	4731		212			5737		215		SUMMATION OF RUN
	4519		428			5522		428		BM 24-16 TO BM 24-17
12	14197	4.732		4.341		17209	5.736		4.350	
	4962		212			6098		217		TOTAL BACKSIGHTS = 45.512
	4750		215			5881		214		" FORESIGHTS = 100.39 45
	4535		427			5667		431		DIFF. IN ELEVATION = -54.879 88
13	14247	4.749		4.768		17640	5.882		4.781	
	5099		183			7349		183		BM 24-17 (ALT. DESIG. I-3)
	4916		181			7166		179		LINCOLN AVE & MONTANA ST
	4735		364			6987		362		SEE F.B. 1387-21
14	14750	4.917		5.132	87°	21502	7.167		5.143	FOR DESCRIPTION
		45.512					100.39 45			

F.B. 1387 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 ..... 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. 3817 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 Inst. No. 50010
Notes by S. SHINODA Time 11:00-11:55 AM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-17 To B.M. 24-16
Date 10-13-52
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7292		180		#C	5044		183		B.M. 24-17 (ALTADENA E-3)
	7112		179			4861		185		LINCOLN AVE & MONTANA ST.
	6933		359			4678		366		SEE F.B. 1387-24
1.	21337	7.112		359	72°	14583	4861		366	FOR DESCRIPTION
	6162		215			5024		214		
	5947		217			4810		214		T E. LANDA
	5730		432			4596		428		
2	17839	5946		.791		14430	4810		.794	
	5903		214			4898		214		
	5689		215			4684		212		
	5474		429			4472		426		
3	17066	5689		1.220		14054	4685		1.220	
	5704		213			5968		215		
	5491		211			5753		212		
	5280		424			5541		427		
PG. 4	16475	5492		1.644		17262	5754		1.647	
	5001		214			1354		214		
	4787		214			1140		210		
	4573		428			0930		424		
F.B. 5	14361	4787		2.072		3424	1.141		2.071	
		29.026					21.254			

F.B. 1387 PG. 169

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 S. SHINODA Time 11:00-11:55 AM Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 24-17 To B.M. 24-16
Date 10-13-52
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
	8759	~~46.848~~	073	2.072		0999	21.251	073	2.071	
	8686	29.026	073			0926		072		
	8613		146			0854		145		
6	16058	8.686		2.218		2779	0.926		2.216	
	9207		072			0659		076		
	9135		070			0583		073		
	9065		142			0510		149		
7	17407	9.136		2.360		1752	0.584		2.365	
	11743		133			0849		139		
	11610		134			0710		140		
	11476		267			0570		279		
8	34829	11.610		2.627		2127	0.710		2.644	
		58.458					23.271			BM AE 331
										MONTANA ST & NAVARRO AVE
										N.E. COR BOLT IN CB AT
										N. END C.R.
	6704		192			4147		217		
	6512		191			3930		213		
	6321		383			3717		430		
9	19537	6.512		3.010		11794	3.931		3.074	
		64.970					27.202			

F.B. 1387 Pg. 170

F.B. PG.

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 S. SHINODA Time 11:00-11:55AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-17 To B.M. 24-16
Date 10-13-52
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
	6587	64.970	216	3.010		3950	27.402	212	3.074	
	6371		214			3738		215		
	6157		430			3523		427		
10	19115	6.372		3.440		11211	3.737		3.501	
	6920		227			4374		202		
	6693		227			4172		199		
	6466		454			3973		401		
11	20079	6.693		3.894		12519	4.173		3.902	
	6674		221			3998		221		
	6453		221			3772		220		SUMMATION OF RUN
	6232		442			3552		441		B.M. 24-17 TO B.M. 24-16
12	19359	6.453		4.336		11317	3.772		4.343	
	7618		216			2765		211		TOTAL BACKSIGHTS + 100.035
	7402		213			2554		212		" FORE " − 45.149
	7189		429			2342		423		DIFF. IN ELEVATION + 54.886
13	22209	7.403		4.765		7661	2.554		4.766	
	8360		217			3723		213		B.M. 24-16
	8143		214			3510		210		FAIR OAKS AVE & ATLANTA ST.
	7929		431			3300		423		SEE F.B. 1387-20
14	24432	8.144		5.196	80°	10533	3.511		5.189	FOR DESCRIPTION
		100.035					45.149			

F.B. 1387 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 ..... 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. 1387 PG. 172										F.B. ..... PG. .....

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 S. SHINODA Time 9:30 - 10:45 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-17 To B.M. 24-17
Date 9-23-52
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
	10250		210		#5	1440		215		B.M. 24-17 (ALTADENA E-3)
	10040		210			1225		213		MONTANA ST & LINCOLN AVE
	9830		420			1012		428		SEE F.B. 1387-2
1	30120	10.040		420	81°	3677	1.226		428	FOR DESCRIPTION
	9803		213			1249		216		
	9590		210			1033		214		π E. LANDA
	9380		423			0819		430		
2	28773	9.591		.843		3101	1.034		.858	
	9506		212			1100		213		
	9294		210			0887		215		
	9084		422			0672		428		
3	27884	9.295		1265		2659	0.886		1286	
	9432		212			2347		215		
	9220		212			2132		213		
	9008		424			1919		428		
4	27660	9.220		1689		6398	2.133		1714	
	9342		218			0973		208		
	9124		214			0765		207		
	8910		432			0558		415		
5	27376	9.125		2121		2296	0.765		2129	
		47.271					6.044			

F.B. 1387 PG. 173

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 S. SHINODA Time 9:30-10:45 AM Rod No. 54C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-17 To BM 24-19
Date 9-23-52
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
	9499	47.271	214	2.121		1125	6.044	214	2.129	
	9285		213			0911		212		
	9072		427			0699		426		
6	27856	9.285		2.548		2735	0912		2.555	
	9870		213			1234		214		
	9657		212			1020		211		
	9445		425			0809		425		
7	28972	9.657		2.973		3063	1.021		2.980	
	8677		147			2129		146		
	8530		147			1983		143		
	8383		294			1840		289		
8	25590	8.530		3.267		5952	1.984		3.269	
	8716		148			2958		147		
	8568		147			2811		147		
	8421		295			2664		294		
9	25705	8.568		3.562		8433	2.811		3.563	
		83.311					12.772			BM 24-18 (ALTADENA E2) LINCOLN AVE & FIGUEROA DR SEE F.B. 1387-22 FOR DESCRIPTION

F.B. 1387 PG. 174

FORM 329 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. SHINODA Time 9.30-10.45 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-17 To BM 24-19
Date 9-23-52
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
	11018	83.311	222	3.562		1211	12.772	209	3.563	
	10796		219			1002		205		
	10577		221			0797		174		
10.	32391	10.797		4003		3010	1.003		3977	
	10418		201			1186		186		
	10217		199			1000		182		
	10018		400			0818		368		
11.	30653	10.218		4403		3004	1.001		4345	
	9172		162			0721		167		
	9010		161			0554		164		
	8849		325			0390		331		
12.	27033	9.011		4728		1665	0.555		4676	
		113.337					15.331			BM AE 240
										LINCOLN AVE & MOUNTAIN VIEW
										SE COR BOLT IN CC 1 LFT
										S OF S END C.R.
	9158		156			1845		167		
	9002		152			1678		168		
	8850		308			1510		335		
13	27010	9.003		5036		5033	1.678		5011	
		122.340					17.009			

F.B. 1387 PG 115

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 J. SHINODA Time 9:30-10:45 Rod No. 5&6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 24-17 To B.M. 24-19
Date 9-25-52
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
	8678	122.340	121	5036		2300	17.009	128	5011	
	8557		119			2172		125		
	8438		240			2047		253		
14	25673	8.558		5.276		6519	2.173		5264	
	7781		121			2549		127		B.M. 24-19 (ALTADENA F-2)
	7660		120			2422		124		LINCOLN AVE & VENTURA ST
	7540		241			2298		251		SEE F.B. 1387-23
15	22981	7.660		5517	84°	7269	2.423		5515	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 24-17 TO B.M. 24-19
										TOTAL BACKSIGHTS + 138.558
										" FORESIGHTS − 21.605
										DIFF. IN ELEVATION + 116.953
		138.558					21.605			

F.B. 1387 PG. 176

FORM 329 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. SHINODA Time 10:50-11:55 AM Rod No. 546

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-19 To B.M. 24-17
Date 9-23-52
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
	2540		122		#5	7778		125		B.M. 24-19 (ALTADENA F 2)
	2418		126			7653		122		LINCOLN AVE & VENTURA ST
	2292		248			7531		247		SEE F.B. 1367-23
1	7250	2417		248	84°	22962	7.654		247	FOR DESCRIPTION
	1980		126			8361		121		
	1854		124			8240		121		R. E. LANDA
	1730		250			8119		242		
2	5564	1.855		498		24720	8.240		489	
	1829		170			9138		153		
	1659		169			8985		154		
	1490		339			8831		307		
3	4978	1.659		837		26954	8.985		796	
		5.931					26.879			B.M. AE 240
										LINCOLN AVE & MOUNTAIN VIEW
										S.E. COR BOLT IN C.B. 16 FT
										S OF S. END OF CR
	0848		166			9305		165		
	0682		163			9140		165		
	0519		329			8975		330		
4	2049	0.683		1166		27420	9.140		1126	
		6.614					34.019			

S.F.B. 1387 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 G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:50-11:55 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-19 To B.M. 24-17
Date 9-23-52
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
	0541	6.614	186	1.166		9766	32.319	201	1.126	
	0355		185			9565		199		
	0170		371			9366		400		
5	1066	0.355		1.537		28697	9.566		1.526	
	0828		211			10644		216		
	0637		210			10428		218		
	0427		421			10210		434		
6	1912	0.637		1.958		31282	10.427		1.960	
		7.606					52.012			B.M. 24-18 (ALTADENA E 2) LINCOLN AVE & FIGUEROA DR. SEE F.B. 1387-22 FOR DESCRIPTION
	2992		147			8745		146		
	2845		145			8599		148		
	2700		192			8451		294		
7.	8537	2.846		2.250		25795	8.598		2.254	
	2220		145			8772		145		
	2075		145			8627		147		
	1930		290			8480		292		
8.	6225	2.075		2.540		25879	8.626		2.546	
		12.527					71.236			

F.B. 1387 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:50-11:55AM Rod No. 5&6

Name L. A. CO PRECISE LEVEL NET
Job No. 4923
From BM 24-19 To BM 24-17
Date 9-23-52
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
	1218	12.527	215	2.540		9853	71.236	213	2546	
	1003		211			9640		210		
	0792		426			9430		423		
9	3013	1.004		2966		28923	9.641		2969	
	1182		214			9554		212		
	0968		213			9342		212		
	0755		427			9130		424		
10	2905	0.968		3393		28026	9.342		3393	
	0958		213			9313		212		
	0745		214			9101		211		
	0531		427			8890		423		
11	2234	0.745		3820		27304	9.101		3816	
	2050		212			9140		212		
	1838		216			8928		210		
	1622		428			8718		422		
12	5510	1.837		4248		26786	8.929		4238	
	1152		214			9559		214		
	0938		212			9345		211		
	0726		426			9134		425		
13	2816	0.939		4674		28038	9.346		4663	
		18.020					117.595			

F.B. 1387 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. F. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:50-11:55 AM Rod No. 526

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From BM 24-19 To BM 24-17
Date 9-23-52
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
	1298	18.020	214	4274		9860	11.759	213	4263	
	1084		212			9647		215		
	0872		4261			9432		4281		
14	3254	1.085		5100		28939	9.646		5091	
	1650		210			10467		217		BM 24-17 (ALTADENA E 3)
	1440		210			10250		215		LINCOLN AVE & MONTANA ST
	1230		420			10035		432		SEE F.B. 1387-21
15	4320	1.440		5520	87°	30752	10.251		5523	FOR DESCRIPTION
										SUMMATION OF RUN BM 24-19 TO BM 24-17
										TOTAL BACKSIGHTS +20.545
										" FORESIGHTS 137.492
										DIFF IN ELEVATION +116.947
		20.545					137.492			

F.B. 1387 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:25-2:30PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 2923
From BM 24-17 To BM 24-19
Date 10-7-52
Indexed L. 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
	10427		212		#6	1617		213		BM 24-17 (ALTADENA 1-3)
	10215		213			1404		212		LINCOLN AVE & MONTANA ST
	10002		425			1192		425		SEE F.B 1387-2
1	30644	10215	2	425 2	87°	4213	1.404		425	FOR DESCRIPTION
	9888		211			1329		214		
	9677		210			1115		213		π GE DREIER
	9467		421			0902		427		
2	29032	9.677		836 4		3346	1.115		.852	
	9197		214			1288		215		
	9483		210			1073		211		
	9273		424			0862		426		
3	28453	9.484		1260 7		3223	1.074		1.278	
	9203		211			2112		212		
	8992		211			1900		212		
	8781		422			1688		424		
4	26976	8.992		1682 9		5700	1.900		1.702	
	9190		218			0823		206		
	8972		214			0617		207		
	8758		432			0410		413		
5	26920	8.973		2144 2		1850	0.617		2.115	
		47.341					6.110			

F.B. 1387 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 G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:25-2:30 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-17 To B.M. 24-19
Date 10-7-52
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
	9638	47.341	213	21.42		1263	6.110	213	21.15	
	9425		212			1050		212		
	9213		425			0838		425		
6	28276	9.425		25.39		3151	1.050		25.40	
	9874		212			1243		211		
	9662		212			1032		212		
	9450		424			0820		423		
7	28986	9.662		29.63		3095	1.032		29.63	
	8402		144			1854		144		
	8258		144			1710		144		
	8114		288			1566		288		
8	24774	8.258		32.51		5130	1.710		32.51	
	8667		148			2910		145		
	8519		147			2765		144		
	8372		295			2621		289		
9	25558	8.519		35.40		8296	2.765		35.40	
										B.M. 24-18 (ALTADENA A-2) LINCOLN AVE & FIGUEROA DR SEE F.B. 1387-22 FOR DESCRIPTION
		83.205					12.667			

F.B. 1387 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:25-2:30 PM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-17 To BM 24-19
Date 10-7-52
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
	10220	8.3205	211	3.546		0605	12.067	202	3.540	
	10009		212	5		0403		202		
	9797		423			0201		404		
10	30026	10.009		3.969		1209	0.403		3.944	
	10056		198			0658		199		
	9858		198			0459		196		
	9660		396			0263		395		
11	19574	9.858		4.365		1380	0.460		4.339	
	9857		187			1352		142		
	9670		186			1210		140		
	9484		373			1070		282		
12.	29011	9.670		4.738		3632	1.211		4.621	
		112.742					14.741			BM. AE 240 LINCOLN AVE & MOUNTAIN VIEW S.E. COR. BOLT IN CB 16 FT S. OF SEND OF CR.
	9157		152			1852		170		
	9005		151			1682		170		
	8854		303			1512		340		
13.	27016	9.005		5.041		5046	1.682		4.961	
		121.747					16.423			

ST. B. 387 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:25-2:30 PM Rod No. S & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-17 To BM 24-19
Date 10-7-5
Indexed C. JOHN

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
	8253	12.747	116	5041		1861	16.423	130	4961	
	8117		116			1731		130		
	8001		232			1601		260		
14	24351	8.117		5273		5193	17.31		5221	
	7629		112			2417		137		BM 24-19 (ALTADENA F-2)
	7517		114			2280		136		LINCOLN AVE & VENTURA ST
	7403		226			2144		273		SEE F.B. 1387-23
15	22549	7.516		5499	89°	6841	22.80		5494	FOR DESCRIPTION
										SUMMATION OF RUN BM 24-17 TO BM 24-19
										TOTAL BACKSIGHTS +137.380
										" FORESIGHTS 20.434
										DIFF. IN ELEVATION +116.946
		137380					20434			

F.B. 1387 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 OVERCAST Inst. No. 50010
Notes by J. SHINODA Time 9:00-10:55 AM Rod No. S & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-19 To B.M. 24-19
Date 10-13-52
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2413		122		#5	7651		123		B.M. 24-19 (ALTADENA F-2)
	2291		123			7528		124		LINCOLN AVE & VENTURA ST.
	2168		245			7404		247		SEE F.B. 1387-23
1	6872	2.291		245	58°	22583	7.528		247	FOR DESCRIPTION
	1885		124			8272		124		
	1761		121			8148		125		⊼ E. LANDA
	1640		245			8023		249		
2	5286	1.762		490		24443	8.148		490	
	1363		160			8690		160		
	1203		161			8530		161		
	1042		321			8369		321		
3	3608	1.203		811		25589	8.530		817	
		5.256					24.206			B.M. AE 240
										LINCOLN AVE & MOUNTAIN VIEW
										S.E. COR BOLT IN C.B. 16 FT
										S. OF S END C.B.
	0693		163			9152		163		
	0530		163			8989		167		
	0367		326			8822		330		
4	1590	0.530		1.137		26963	8.988		1.147	
		5.786					33.194			

F.B. 1387 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 G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 9:00 - 10:55 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-19 To B.M. 24-17
Date 10-13-52
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
	1188	5.786	188	1.137		10413	33.194	200	1.147	
	1000		185			10213		197		
	0815		373			10016		397		
5	3003	1.001		1.510		30642	10.214		1.544	
	1038		219			10825		213		
	0819		216			10612		212		
	0603		435			10400		425		
6	2460	0.820		1.945		31837	10.612		1.969	
		7.607					54.020			B.M. 24-18 (ALTADENA E-2) LINCOLN AVE & FIGUEROA DR. SEE F.B. 1987-22 FOR DESCRIPTION
	2785		150			8531		142		
	2635		150			8389		144		
	2485		300			8245		288		
7	7905	2.635		2.245		25165	8.388		2.255	
	2068		146			8619		147		
	1922		142			8472		147		WEATHER - CLEAR
	1780		288			8325		294		
8	5770	1.923		2.533		25416	8.472		2.549	
		12.165					70.880			

F.B. 1387 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:00 - 10:55 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-19 To B.M. 24-17
Date 10-13-52
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
	1224	17.612	215	4.665		9780	117.192	211	4.669	
	1009		212			9569		214		
	0797		427			9355		425		
14	3030	1.010		5.092		28704	9.568		5.094	
	1529		217			10334		212		BM 24-17 (ALTADENA E-3)
	1312		213			10122		212		LINCOLN AVE & MONTANA ST
	1099		430			9910		424		SEE F.B. 1387-21
15.	3940	1.313		5.522	72°	30366	10.122		5.518	FOR DESCRIPTION
										SUMMATION OF RUN
										BM 24-19 TO BM 24-17
										TOTAL BACKSIGHTS = 19.935
										" FORESIGHTS = 136.882
										DIFF IN ELEVATION = 116.947
		19.935					136.882			

F.B. 1387 PG. 187

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 S. SHINODA Time 9:00 - 10:55 AM Rod No. 5 E.C.

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-19 To BM 24-17
Date 10-13-62
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1162	12165	212	2.533		9799	70.880	212	2549	
	0950		212			9587		212		
	0738		424			9375		424		
9.	2850	0.950		2957		28761	9.587		2973	
	1098		214			9476		214		
	0884		211			9262		212		
	0673		425			9050		426		
10	2656	0.885		3.382		27788	9.263		3399	
	1117		216			9470		212		
	0901		213			9258		209		
	0688		429			9049		421		
11	2706	0.902		3811		27777	9.259		3.820	
	1988		215			9076		214		
	1773		213			8862		211		
	1560		428			8651		425		
12	5321	1.774		4239		26589	8.863		4245	
	1149		214			9552		213		
	0935		212			9339		211		
	0723		426			9128		424		
13.	2807	0.936		4665		28019	9.340		4669	
		17.612					117.192			

F.B. 1387 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:35 - 2:30 PM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-19 To BM 24-21
Date 9-23-52
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
	9141		160		#5	1602		163		BM 24-19 (ALTADENA F-2)
	8981		159			1439		162		LINCOLN AVE & VENTURA ST
	8822		319			1277		325		SEE F.B 1388-23
1	18944	8.981		319	93°	4318	1.439		325	FOR DESCRIPTION
	9725		192			1192		191		
	9531		191			1001		188		T. E. LANDA
	9340		383			0813		379		
2	18594	9.531		702		3006	1.002		704	
	9179		183			1548		185		
	8996		185			1363		183		
	8811		368			1180		368		
3	18986	8.995		1070		4091	1.364		1072	
	9608		193			1028		190		
	9415		193			0838		190		
	9222		386			0648		380		
4	18245	9.415		1456		2514	0.838		1452	
	10478		202			1337		204		
	10276		204			1133		204		
	10072		406			0929		408		
5	30826	10.275		1862		3399	1.133		1860	
		47.197					5.776			

F.B. 1387 PG. 189

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 S. SHINODA Time 1:35 to 2:30 P.M. Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-19 To B.M. 24-21
Date 9-23-52
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
		47.197		1.862			5.776		1.860	BM 24-20 (ALTADENA F-1) LINCOLN AVE & MENDOCINO ST SEE F.B. 1387-24 FOR DESCRIPTION
	9119		161			1978		163		
	8958		160			1815		160		
	8798		321			1655		323		
6	26875	8.958		2183		5448	1.816		2183	
	9404		186			2217		187		
	9282		182			2030		183		
	9100		368			1847		370		
7	27850	9.283		2551		6094	2.031		2553	
	9772		215			1322		213		
	9557		214			1109		211		
	9343		429			0898		424		
8	28672	9.557		2980		3329	1.110		2977	
	9134		214			2504		214		
	8920		210			2290		214		
	8710		424			2076		421		
9	26764	8.921		3404		6870	2.290		3405	
		83.916					13.023			

F.B. 1387 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:35-2:30 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-19 To B.M. 24-21
Date 9-23-50
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
	6419	63.916	117	3.404		4085	13023	120	3.405	(B.M. 24-21 (ALTADENA 9-1)
	6302		117			3965		120		LINCOLN AVE & FOOTHILL BLVD
	6185		234			3845		240		SEE F.B. 1387-25
10.	18906	6302		3.638		11895	3.965		3.645	FOR DESCRIPTION
	6877		117			5702		124		
	6760		115			5578		125		SUMMATION OF RUN:
	6645		232			5453		249		B.M. 24-19 TO B.M. 24-21
11.	20282	6761		3.876	94°	16733	5578		3.894	
										TOTAL BACKSIGHTS + 96.979
										FORESIGHTS − 22.566
										DIFF. IN ELEVATION + 74.413'
		96.979					22.566			

F.B. 1387 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. 1287 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 S. SHINODA Time 2:40-3:25PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-21 To B.M. 24-19
Date 9-23-5
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5660		124		#5	6829		116		B.M. 24-21 (ALTADENA G.D.)
	5536		126			6713		114		LINCOLN AVE & FOOTHILL BLVD
	5410		250			6599		230		SEE F.B. 1387-25
1.	11606	5.535		.250	92°	20141	6.714		.230	FOR DESCRIPTION
	4363		118			6701		118		
	4245		118			6583		115		T. E. LANDA
	4127		236			6468		233		
2	12735	4.245		.486		19752	6.584		.463	
	2826		213			9464		216		
	2613		209			9248		216		
	2404		422			9032		432		
3.	7843	2.614		.908		27744	9.248		.895	
	1539		215			9987		216		
	1324		212			9771		212		
	1112		427			9559		428		
4	3975	1.325		1.335		29317	9.772		1.323	
	2251		184			9502		184		
	2067		183			9318		186		
	1884		367			9132		370		
5.	6202	2.067		1.702		27952	9.317		1.693	
		15.786					41.635			

F.B. 1387 PG. 123

FORM 879 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. SHINODA Time 2:40 - 3:25 PM Rod No. 5 E 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-21 To B.M. 24-19
Date 9-25-52
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
	1954	15.780	163	1.702		9100	41.635	162	1.693	
	1791		160			8938		161		
	1631		323			8777		323		
6	5376	1.792		2.025		26815	8.938		2.016	
		17.578					50.573			BM 24-20 (ALTADENA F-1) LINCOLN AVE & MENDOCINO ST. SEE F B.1387-24 FOR DESCRIPTION
	1494		201			10640		205		
	1293		199			10435		205		
	1094		400			10230		410		
7	3881	1.294		2.425		31305	10.435		2.426	
	0998		190			9580		194		
	0808		189			9386		194		
	0619		379			9192		388		
F.B. 1387 PG. 194 8	2425	0.808		2.804		28158	9.386		2.814	
	1512		184			9142		183		
	1328		184			8959		181		
	1144		368			8778		364		
9	3984	1.328		3.172		26879	8.960		3.178	
		21.008					79.354			

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 S. SHINODA Time 2:00-3:25 PM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-21 To B.M. 24-19
Date 9-23-52
Indexed R. C. Tennson

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
	1168	21.008	189	317		9699	79.354	190	3.178	
	0979		192			9509		190		
	0787		381			9319		380		
10	2934	0.978		3.553		28527	9.509		3.558	
	1288		164			8822		160		B.M. 24-19 (ALTADENA F-2)
	1124		162			8662		158		LINCOLN AVE & VENTURA ST
	0962		326			8504		318		SEE F.B. 1387-23
11	3374	1.125		3.879	93°	25988	8.663		3.876	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 24-21 TO B.M. 24-19
										TOTAL BACKSIGHTS = 23.111
										FORESIGHTS = 97.526
										DIFF IN ELEVATION = 74.415
		23.111					97.526			

F.B. 1387 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 ..... 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. 2787 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 S. SHINODA Time 2:40-3:20PM Rod No. 5&C

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-19 To BM 24-21
Date 10-7-52
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
	8839		158		#5	1303		161		BM 24-19 (ALTADENA F-2)
	8681		158			1142		161		LINCOLN AVE & VENTURA ST
	8523		316			0981		322		SEE F.B. 1327-23
1	26043	8.681		.316	89°	3426	1.142		.322	FOR DESCRIPTION
	9534		191			2064		142		
	9343		190			1922		142		TK G.E. DREIER
	9153		381			1780		284		
2	28030	9.343		.697		5766	1.922		.606	
	9949		198			1227		216		
	9751		194			1011		216		
	9557		392			0795		432		
3	29257	9.752		1.089		3033	1.011		1.038	
	8947		180			0600		196		
	8767		179			0404		195		
	8588		359			0209		391		
4	26302	8.767		1.448		1213	0.404		1.429	
	10666		203			1322		209		
	10464		201			1113		208		
	10262		404			0905		417		
5	31392	10.464		1.852		3340	1.113		1.846	
		47.007					5.592			

F.B. 1387 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 G E DREIER Weather CLEAR Inst. No. 50010
Notes by S SHINODA Time 2:40-3:20 P.M. Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 24-19 To B.M. 24-21
Date 10-7-52
Indexed [redacted]

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
		47.007		1.852			5.592		1.842	B.M 24-20 (ALTADENA F-1) LINCOLN AVE & MENDOCINO ST SEE F.B. 1387-24 FOR DESCRIPTION
	9021		160			1881		161		
	8861		160			1720		161		
	8701		320			1559		322		
6	26583	8.861		2.172		5160	1.720		2.168	
	9289		183			2034		183		
	9106		183			1851		184		
	8923		366			1667		367		
7	27318	9.106		2.538		5552	1.85		2.535	
	9868		216			1418		212		
	9652		213			1206		213		
	9439		429			0993		425		
9	28959	9.652		2.967		3617	1.206		2.960	
	9167		213			2533		214		
	8954		210			2319		212		
	8744		423			2107		426		
9	26865	8.955		3.390		6959	2.320		3.386	
		83.584					12.689			

F.B. 1387 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 S. SHINODA Time 2:40-3:20 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 24-19 To BM 24-21
Date 10-7-52
Indexed R. G. 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
	7759	83.58 ½	236	3390		4140	12.619	238	3380	
	7523		233			4008		236		
	7290		469			3772		474		
10.	22572	7.524		3859	80°	12020	4.009		3860	
										BM 24-21 (ALTADENA G-1) LINCOLN AVE & FOOTHILL BLVD SEE F.B. 1387-25 FOR DESCRIPTION
										SUMMATION OF RUN BM 24-19 TO BM 24-21
										TOTAL BACKSIGHTS +91.105 6 FORESIGHTS -16.698 DIFF. IN ELEVATION +74.407 8
										F.B. 1387 PG. 199
		91.105 6					16.698			

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. 387 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 G.E. Dreier Weather Clear Inst. No. 50010
Notes by C.E. DREIER Time 1:15 TO Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M 24-21 To B.M 24-19
Date 10-10-52
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
	5.816		121		#6	7.007		123		B.M. 24-21 (ALTADENA E-1
	5.695		119			6.884		121		LINCOLN AVE. & FOOTHILL BLVD.
	5.576		240			6.763		244		SEE F.B. 1387-25
1	17.087	5.696		240	79°	20.654	6.885		244	FOR DESCRIPTION
	4.103		119			6.439		119		
	3.984		117			6.320		118		π E. LANDR
	3.867		236			6.202		237		
2	11.954	3.985		476		18.961	6.320		481	
	2.667		215			9.294		213		
	2.452		212			9.081		211		
	2.240		427			8.870		424		
3	7.359	2.453		903		27.245	9.082		905	
	1.359		215			9.805		215		
	1.144		214			9.590		213		
	0.930		429			9.377		428		
4	3.433	1.144		1332		28.772	9.591		1333	
	2.171		184			9.428		185		
	1.987		185			9.243		184		
	1.802		369			9.059		369		
5	5.960	1.987		1701		27.730	9.243		1702	
		15.265					41.121			

F.B. 1387 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 G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 24-21 To B.M. 24-19
Date 10-10-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.828	15.265	164	1.701		8.969	41.121	161	1.702	- 49.929
	1.664		161			8.808		161		+ 16.930
	1.503		325			8.647		322		- 32.999
6	4.995	1.665		2.026		26.424	8.808		2.024	
		16.930					49.929			B.M. 24-20 (ALTADENA F-1) LINCOLN AVE & MENDOCINO ST. SEE F.B. 1387-24 FOR DESCRIPTION
	1.377		204			10.741		209		
	1.173		201			10.532		207		
	0.972		405			10.325		416		
7	3.522	1.174		2.430		31.598	10.533		2.440	
	1.019		186			9.382		191		
	0.833		185			9.191		191		
	0.648		371			9.000		382		
8	2.500	0.833		2.802		27.573	9.191		2.822	
	1.753		184			9.389		186		
	1.569		186			9.203		182		
	1.383		370			9.021		368		
9	4.705	1.568		3.172		27.613	9.204		3.190	
		20.505					78.857			

F.B. 1387 PG. 202

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. 50010
Notes by C.E. DR Time 1:15 TO 2:10 Rod No. 5&6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-21 To B.M. 24-19
Date 10-10-52
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
	1057	20.505	189	3.172		9583	78.852	191	3.190	
	0.868		189			9392		192		
	0679		378			9.20.0		383		
10	2.604	0.868		3.550		28.175	9.392		3.573	
	1285		164			8822		160		B.M. 24-19 (ALTADENA F-2)
	1.121		161			8662		159		LINCOLN AVE & VENTURA ST.
	0.960		325			8503		319		SEE F.B. 1387-23
11	3.366	1.122		3.875	80°	25.987	8.662		3.892	FOR DESCRIPTION
		22.495					96.911			

SUMMATION OF RUN
B.M. 24-21 TO B.M. 24-19
TOTAL BACKSIGHTS + 22.495
TOTAL FORESIGHTS − 96.911
DIFF IN ELEVATION − 74.416

F.B. 1387 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 ..... 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. 1387 PG. 204										

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 S. SHINODA Time 8:50-10:10AM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-21 To B.M. 24-48
Date 10-8-52
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
	4839		211		#6	6733		213		B.M. 24-21 (ALTADENA G-1)
	4628		212			6520		213		LINCOLN AVE & FOOTHILL BLVD
	4416		423			6307		426		SEE F.B. 1387-25
1	13883	4628		423	79°	19560	6.520		.426	FOR DESCRIPTION
	3560		211			8702		213		
	3349		211			8489		212		TO G. E. DREIER
	3138		422			8277		425		
2	10047	3349		845		25468	8489		.851	
	1528		215			8966		214		
	1313		212			8752		211		
	1101		427			8541		425		
3	3942	1.314		1272		26259	8.753		1276	
	1572		193			9982		192		
	1379		189			9790		192		
	1190		382			9598		384		
4	4141	1.380		1.654		29370	9.790		1.660	
	1361		214			7449		210		
	1147		214			7239		211		
	0933		428			7028		421		
5	3441	1.147		2.082		21716	7.239		2.081	
		11.818					40.791			

F.B. 1387 PG. 25

FORM 879 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. SHINODA Time 8.50-10.10 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-21 To BM 24-48
Date 10-8-52
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
	5165	11.818	214	2.081		4971	10.791	213	2.081	
	4951		213			4758		215		
	4738		427			4543		428		
6	14854	4.951		2.509		14272	4.757		2.509	
	7967		155			11554		152		
	7812		153			11402		151		
	7659		308			11251		303		
7	23438	7.813		2.817		34207	11.402		2.811	
	0449		041			10525		043		
	0408		040			10482		042		
	0368		081			10440		085		
8	1225	0.408		2.898		31447	10.482		2.897	
	0438		045			9774		046		
	0393		046			9728		046		
	0347		091			9682		092		
9	1178	0.393		2.989		29184	9.728		2.989	
	0710		043			9305		042		
	0667		042			9263		041		
	0625		085			9222		083		
10	2002	0.667		3.074		27790	9.263		3.072	
		26.050					86.423			

F.B. 387 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:50-10:10AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-1 To B.M. 24-4
Date 10-8-52
Indexed [redacted] C. J[redacted]

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
	0754	26.050	052	3.074		9602	8.423	050	3.072	
	0702		052			9552		050		
	0650		104			9502		100		
11	2106	0.702		3178		28656	9.552		3172	
	0627		068			10181		065		
	0579		068			10116		065		
	0511		136			10051		130		
12	1737	0.579		3314		30348	10.116		3302	
	0450		063			9560		069		
	0387		062			9491		069		
	0325		251			9422		138		
13	1162	0387		3439		28273	9.491		3440	
	1372		145			11483		156		
	1227		145			11327		157		
	1082		290			11170		313		
14	3681	1227		3729		33980	11.327		3753	
	1552		094			5197		084		
	1458		094			5113		083		
	1364		188			5030		167		
15	4374	1458		3917		15340	5.113		3920	
		30.403					132.022			

F.B. 1387 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:50-10:10 AM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-21 To B.M. 24-48
Date 10-8-52
Indexed K. C. Johnson

Number of Setups	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
	5091	30.403	214	8917		3959	32.021	214	3920	
	4877		212			3745		213		
	4665		426			3531		427		
16	14633	4878		4343		11235	3745		4347	
	6760		213			3601		213		
	6547		210			3388		214		
	6337		423			3174		427		
17	19644	6548		4766		10163	3388		4774	
	8997		214			6980		212		
	8783		212			6768		212		SUMMATION OF RUN
	8571		426			6556		424		B.M. 24-21 TO B.M. 24-48
18	11351	3784		5192		20304	6768		6198	
	5564		212			6510		213		TOTAL BACKSIGHTS +56.628
	5352		212			6297		211		− FORESIGHTS −158.494
	5140		424			6086		424		DIFF. IN ELEVATION −101.866
19	16056	5352		5616		18893	6298		5622	
	5876		213			6477		204		B.M. 24-48 (U.S. 2971 B 172)
	5663		213			6273		203		ARROYO SECO RD.
	5450		426			6070		407		SEE F.B. 1387-48
20	16989	5663		6042	86°	18820	6273		6029	FOR DESCRIPTION
		56.628					158.494			

F.B. 1387 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 CLEAR Inst. No. 50010
Notes by S. SHIKODA Time 10:20-11:35AM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-48 To BM 24-51
Date 10-8-52
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
	6460		209		#6	5850		207		BM 24-48 (US 2971 B172)
	6251		208			5643		207		ARROYO SECO RD
	6043		417			5436		414		SEE F.B. 1387-48
1	18754	6.251		417	86°	16929	5.643		414	FOR DESCRIPTION
	6617		214			5671		211		
	6403		213			5460		212		⊼ G.E. DREIER
	6190		427			5248		423		
2	19210	6.403		844		16379	5.460		837	
	7100		212			4117		214		
	6888		215			3903		213		
	6673		427			3690		427		
3	20661	6.887		1271		11710	3.903		1264	
	3589		212			6749		212		
	3377		212			6537		210		
	3165		424			6327		422		
4	10131	3.377		1695		19613	6.538		1686	
	4070		210			5203		212		
	3860		212			4991		211		
	3648		422			4780		423		
5	11578	3.859		2117		14974	4.991		2109	
		26.777					26.535			

F.B. 1387 PG. 209

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 S SHINODA Time 10:20-11:35AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-4P To B.M. 24-21
Date 10-8-52
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
x	4882	2.777	089	2.117		1223	2.535	085	2.109	
	4793		089			1138		085		
	4704		178			1053		170		
6.	14379	4793		2295		3414	1.138		2.279	
	11711		150			1613		151		
	11561		151			1462		150		
	11410		301			1312		301		
7.	34682	11.562		2596		4387	1.462		2580	
	9716		070			0607		064		
	9646		070			0543		064		
	9576		140			0479		128		
8	28938	9.646		2736		1629	0.543		2708	
	10603		066			1067		067		
	10537		065			1000		067		
	10472		131			0933		134		
9	31612	10537		2867		3000	1.000		2842	
	9492		047			0651		055		
	9445		048			0596		055		
	9397		095			0541		105		
10.	28334	9.445		2962		1788	0.596		2952	
		72.759					31.274			

F.B. 387 PG. 210

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 CLEAR Inst. No. 50010
Notes by S SHINODA Time 10:20-11:35AM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-28 To BM 24-21
Date 10-8-51
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
	9025	72.759	042	2.962		0430	31.274	043	2.952	
	8983		041			0387		041		
	8942		083			0345		085		
11	26950	8.983		3.045		11.62	0.387		3.037	
	9775		045			0441		046		
	9730		045			0395		046		
	9685		090			0349		092		
12	29190	9.730		3.135		1185	0.395		3.129	
	10558		043			0482		040		
	10515		043			0442		040		
	10472		086			0402		080		
13	31545	10.515		3.221		1326	0.442		3.209	
	11395		157			7798		148		
	11238		157			7650		148		
	11081		314			7502		296		
14	33714	11.238		3.535		22950	7.650		3.505	
	5170		211			5377		220		
	4959		209			5157		219		
	4750		420			4938		439		
15	14879	4.960		3.955		15472	5.157		3.944	
		118.185					45.305			

F.B. 1387 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:20 - 11:35 AM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-48 To BM 24-21
Date 10-8-52
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
	7472	118.185	210	3.955		1385	45.305	213	3.944	
	7262		212			1172		212		
	7050		422			0960		425		
16	21784	7261		4377		3517	1172		4369	
	9990		191			1583		193		
	9799		190			1390		191		
	9609		381			1199		384		
17	29398	9799		4758		4172	1391		4753	
	8839		211			1400		212		SUMMATION OF RUN
	8628		211			1188		213		BM 24-48 TO BM 24-21
	8417		422			0975		425		
18	25884	8628		5180		3563	1188		5178	
	8638		213			3499		212		TOTAL BACKSIGHTS + 158.815
	8425		213			3287		211		- FORESIGHTS - 56.971
	8212		426			3076		423		DIFF. IN ELEVATION + 101.844
19	25275	8425		5600		9862	3287		5601	
	6730		213			4840		212		BM 24-21 (ALTADENA G-1)
	6517		214			4628		213		LINCOLN AVE & FOOTHILL BLVD
	6303		427			4415		425		SEE F.B. 1387-25
20	19550	6517		6033	PC	13883	4628		6026	FOR DESCRIPTION
		158.815					56.971			

F.B. 1387 PG. 212

FORM 879-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 S. SHINODA Time 9:45-10:00AM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-21 To BM 24-22
Date 9-24-52
Indexed C. J[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
	8019		217		#5	3889		216		B.M. 24-21 (ALTADENA E-1)
	7802		212			3673		212		LINCOLN AVE & FOOTHILL BLVD
	7588		431			3461		428		SEE F.B. 1387-25
1	23409	7.803		.431	84°	11023	3.674		.428	FOR DESCRIPTION
	4463		213			4448		216		
	4250		212			4232		213		T.E. LANDA
	4038		425			4019		429		
2	18751	6.250		.856		12699	4.233		.857	
	6906		213			3720		215		
	6693		213			3505		214		
	6480		426			3291		429		
3	20079	6.693		1.282		10516	3.505		1.286	
	7863		211			2574		214		
	7652		213			2360		212		
	7439		424			2148		426		
4	22954	7.651		1.706		7082	2.361		1.712	
	8338		215			2054		214		
	8123		213			1840		212		
	7910		428			1628		426		
5	24371	8.124		2.134		5522	1.841		2.138	
		36.521					15.654			

F.B. 1387 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 G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:45-10:00 AM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-21 To B.M. 24-22
Date 9-24-52
Indexed A. C. Johnson

Number of Setting	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2[illegible]22	36.521	213	2.134		1140	15.614	215	2.138	
	0809		210			0931		212		
	7799		423			0719		427		
6	30030	10.010		2557		2790	0.932		2565	
	9898		215			0665		213		
	9683		211			0452		214		
	9472		426			0238		427		
7	29053	9.684		2983		1355	0.452		2992	
	8171		216			1901		211		
	7955		213			2690		211		
	7742		429			2479		422		
8	23868	7.956		3412		8070	2.690		3414	
	6661		214			3250		212		
	6447		213			3038		215		
	6234		427			2823		427		
9	19342	6.447		3839		9111	3.037		3841	
	9819		213			1217		218		
	9606		211			1001		212		
	9395		424			0789		428		
10	28820	9.607		4263		3007	1.002		4269	
		80.225					23.727			

F.B. 1387 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:45-10:00 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-21 To B.M. 24-22
Date 9-24-52
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
	8917	80.225	215	4263		1112	23.727	217	4267	
	8702		213			0895		216		
	8489		428			0679		433		
11.	26108	8.703		4691		2686	0.895		4700	
		88.928					24.622			B.M. AE 252
	8078		220			2324		222		
	7858		218			2102		220		SUMMATION OF RUN
	7640		438			1882		442		B.M. 24-21 TO B.M. 24-22
12	23576	7.859		5129		6308	2.103		5142	
	7409		199			4610		198		TOTAL BACKSIGHTS + 103.997
	7210		199			4412		194		- FORESIGHTS - 31.138
	7011		398			4218		392		DIFF. IN ELEVATION +72.859
13.	21630	7.210		5527	88°	13240	4.413		5534	
										B.M. 24-22 (ALTADENA B-1)
										FOOTHILL BLVD. & FAIR OAKS AVE.
										SEE F.B. 1387-26
										FOR DESCRIPTION
		103.997					31.138			

F.B. 1387 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 ..... 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. 1387 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 CLEAR Inst. No. 500.10
Notes by J. SHINODA Time 10:00-10:55AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 2923
From BM 24-22 To BM 24-21
Date 9-24-52
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4700		198		#5	7494		198		BM 24-22 (ALTADENA B-1)
	4502		194			7296		197		FOOTHILL BLVD & FAIR OAKS AVE
	4308		392			7099		395		SEE FB 1387-26
1	13510	4503		392	88°	21889	7.296		395	FOR DESCRIPTION
	2398		221			8152		221		
	2177		219			7931		218		TO E LANDA
	1958		440			7713		439		
2	6533	2.178		832		23796	7.932		834	
		6.681					15.228			BM AE 254
	1464		217			9265		215		
	1247		217			9050		211		
	1030		434			8839		426		
3	3741	1.247		1266		27154	9.05		1260	
	1427		214			10031		212		
	1213		212			9819		214		
	1001		426			9605		426		
4	3641	1.214		1692		29455	9.818		1686	
		9.142					34.097			

F.B. 1387 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 G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:00-10:55 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-22 To BM 24-21
Date 9-24-52
Indexed A. C. Johnson

Number of Section	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
	3365	9.142	215	1.692		6770	8.997	213	1.686	
	3150		212			6557		212		
	2938		427			6345		425		
5	9453	3.151		2.119		19672	6.557		2.111	
	2839		217			8104		212		
	2622		213			7892		212		
	2409		430			7680		424		
6	7870	2.623		2.549		23676	7.892		2.535	
	0870		212			10102		214		
	0658		210			9888		216		
	0448		422			9672		430		
7	1976	0.659		2.971		29662	9.887		2.965	
	1076		215			10153		213		
	0861		211			9940		212		
	0650		426			9728		425		
8	2587	0.862		3.397		29821	9.940		3.390	
	1982		212			8261		213		
	1770		212			8048		211		
	1558		424			7837		424		
9	5310	1.770		3.921		24146	8.049		3.914	
		18.207					76.422			

F.B. 387 PG. 218

FORM 874 EM 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. SHINODA Time 10:00-10:55AM Rod No. 5&6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 24-22 To BM 24-21
Date 9-24-52
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
	3057	18.207	217	3.821		8346	76.422	214	3.814	
	2840		216			8132		210		
	2624		433			7922		424		
10.	8521	2.840		4.254		24400	8.133		4.238	
	3739		213			6923		213		
	3526		215			6710		211		SUMMATION OF RUN
	3311		428			6499		424		B.M. 24-22 TO B.M. 24-21
11	10576	3.5252		4.682		20132	6.711		4.662	
	4415		215			6430		214		TOTAL BACKSIGHTS + 32.501
	4200		212			6216		214		- FORESIGHTS - 105.338
	3988		427			6002		428		DIFF. IN ELEVATION - 72.837
12.	12603	4.201		5.109		18648	6.216		5.090	
	3940		212			8070		215		BM 24-21 (ALTADENA E-1)
	3728		213			7855		213		FOOTHILL BLVD & LINCOLN AVE.
	3515		425			7642		428		SEE F.B. 1387-25
13	11183	3.728		5.534	88°	23567	7.856		5.518	FOR DESCRIPTION
		32.501					105.338			

F.B. 1387 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 ..... 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. 387 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 CLEAR Inst. No. 50010
Notes by J. SHINODA Time 11:10- Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-21 To B.M. 24-22
Date 9-24-57
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
	8067		217		#5	3934		214		B.M. 24-21 (ALTADENA E-1)
	7850		213			3720		212		LINCOLN AVE & FOOTHILL BLVD
	7637		430			3508		426		SEE F.B. 1387-25
1	23554	7851		430	90°	11162	3721		426	FOR DESCRIPTION
	6424		214			4209		213		
	6210		211			4196		215		⊼ E. LANDA
	5999		425			3981		428		
2	18633	6211		855		12586	4195		854	
	6968		213			3782		214		
	6755		213			3568		213		
	6542		426			3355		427		
3	20265	6755		1281		10705	3568		1281	
	8233		213			2941		213		
	8020		212			2728		216		
	7808		425			2512		429		
4	24061	8020		1706		8181	2727		1710	
	8627		215			2349		215		
	8412		212			2134		212		
	8200		427			1922		427		
5	25239	8413		2133		6405	2135		2137	
		37250					16346			

F.B. 1387 PG. 221

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 S. SHINODA Time 11:00- Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-21 To B.M. 24-22
Date 9-24-52
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
	10201	37.250	213	2.133		1127	16.346	215	2.137	
	9988		210			0912		213		
	9778		423			0699		428		
6	29967	9.989		2.556		2738	0.913		2.565	
	10331		213			1099		212		
	10118		216			0887		215		
	9902		429			0672		427		
7	30351	10.117		2.985		2658	0.886		2.992	
	8310		212			3044		214		
	8098		215			2830		212		
	7883		427			2618		426		
8	24291	8.097		3.412		8492	2.831		3.418	
	6901		213			3493		214		
	6688		210			3279		213		
	6478		423			3066		427		
9	20067	6.689		3.835		9838	3.279		3.845	
	10020		215			1113		213		
	9805		213			0900		210		
	9592		428			0690		423		
10	29417	9.806		4.263		2703	0.901		4.268	
		81.928					25.154			

F.B. 387 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 Inst. No. 50010
Notes by S. SHINODA Time 11:10-11:55AM Rod No. 5&C

Name L.A. CO PRECISE LEVEL NET
Job No. 4923
From B.M. 24-21 To B.M. 24-22
Date 9-24-51
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
	9420	81.948	216	4263		1916	25.156	217	4268	
	9204		214			1699		216		
	8990		430			1483		433		
11	27614	9.205		4693		5098	1.699		4701	
		91.153					26.855			B.M. AE 254
	8093		221			2340		220		
	7872		217			2120		220		SUMMATION OF LOW
	7655		438			1900		440		B.M. 24-21 TO B.M. 24-22
12	23620	7.873		5131		6360	2.120		5141	
	7458		200			4660		195		TOTAL BACKSIGHTS +106.284
	7258		200			4465		194		FORESIGHTS − 33.440
	7058		400			4271		389		DIFF. IN ELEVATION + 72.844
13	21774	7.258		5531	92°	13396	4.465		5530	
										B.M. 24-22 (ALTADENA B-1)
										FOOTHILL BLVD & FAIR OAKS AVE.
										SEE F.B. 1387-26
										FOR DESCRIPTION
		106.284					33.440			

F.B. 1387 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 ..... 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. 387 PG. 22										

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 S. SHINODA Time 11:45 - 2:15 PM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-21 To B.M. 24-22
Date 10-8-52
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
	8053		217		#5	3920		213		B.M. 24-21 (ALTADENA G-1)
	7836		214			3707		214		LINCOLN AVE & FOOTHILL BLVD
	7622		431			3493		427		SEE F.B. 1387-25
1	23511	7.837		431	86°	11120	3.707		427	FOR DESCRIPTION
	6363		213			4348		215		
	6150		213			4133		213		T. E. LANDA
	5937		426			3920		428		
2	18450	6.150		857		12401	4.134		855	
	6852		214			3663		213		
	6638		213			3450		212		
	6425		427			3238		425		
3	19915	6.638		1284		10351	3.450		1280	
	7845		215			2551		214		
	7630		211			2337		214		ONE HOUR FOR LUNCH
	7419		426			2123		428		
4	22894	7.631		1.710	86°	7011	2.337		1.708	
	8326		214			2048		216		
	8112		212			1832		212		
	7900		426			1620		428		
5.	24338	8.113		2136	88	5500	1.833		2136	
		36.369					15.461			

F.B. 1387 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:45-2:15 PM Rod No. 546

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-21 To B.M. 24-22
Date 10-8-52
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
	10487	36.369	217	2.156		1408	15421	214	2.136	
	10270		215			1194		212		
	10055		432			0982		426		
6	30812	10.271		2.568		3584	1.195		2.562	
	10283		213			1052		213		
	10070		213			0839		214		
	9857		426			0625		427		
7	30210	10.070		2.994		2516	0.839		2.989	
	8143		214			2877		214		
	7929		213			2663		211		
	7716		427			2452		425		
8	23788	7.929		3.421		7992	2.664		3.414	
	6930		214			3520		213		
	6716		215			3307		213		
	6501		429			3094		426		
9	20147	6.716		3.850		9921	3.307		3.840	
	10358		216			1755		214		
	10142		212			1541		211		
	9930		428			1330		425		
10	30430	10.143		4.278		4626	1.542		4.265	
		81.498					15.008			

F.B. 387 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:45-2:15 P.M. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-21 To BM 24-22
Date 10-8-5-
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
	9685	81.498	215	4278		1881	25.008	218	4265	
	9470		212			1663		214		
	9258		427			1449		432		
11.	28413	9471		4705		4993	1664		4697	
		90.969					26.672			AE 254
	8608		219			2857		223		
	8389		220			2634		220		SUMMATION OF RUN
	8169		439			2414		443		BM 24-21 TO BM 24-22
12.	25166	8.389		5144		7905	2635		5140	
	7417		197			4621		199		TOTAL BACKSIGHTS +106.578
	7220		197			4422		199		" FORE " - 33.729
	7023		394			4223		398		DIFF. IN ELEVATION + 72.849
13.	21660	7.220		5538	82°	13266	4.422		5538	
										BM 24-22 (ALTADENA B-1)
										FOOTHILL BLVD & FAIR OAKS AVE
										SEE F.B. 1387-26
										FOR DESCRIPTION
		106.578					33.729			

F.B. 1387 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 ..... 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. 387 PG. 228										

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. 500.10
Notes by E. Landa Time 10:15 - 11:10 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-22 To B.M. 24-21
Date 10-10-52
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
	4730		199		#5	7518		196		B.M. 24-22 (ALTADENA-G1)
	4531		200			7322		195		FOOTHILL BLVD & FAIROAKS AVE.
	4331		399			7127		391		SEE F.B. 1387-E.L. FOR DESCRIPTION
1	13592	4531		399	77°	21967	7322		391	
	2283		221			8042		220		T. G.E. DREIER
	2062		220			7822		219		
	1842		441			7603		439		
2	6187	2062		840		23467	7822		830	
		6.593					15.144			T.P. A.E 254
										Foothill Blvd. S. Side
										bt. Spike in ch. in front
										of house 86
	1398		219			9195		212		
	1179		217			8983		212		
	0962		436			8771		424		
3	3539	1.180		1276		26949	8983		1254	
	1473		212			10080		212		
	1261		211			9868		211		
	1050		423			9657		423		
	3784	1261		699		29605	9.868		1677	
		9.034					33.995			

F.B. 1387 PG. 229

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. Droier Weather clear Inst. No. 50016
Notes by E. Landa Time 10:15 - 11:10 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-22 To B.M. 24-21
Date 10-10-52
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
	3551	9034	213	1699		6960	33995	213	1677	
	3338		211			6747		214		
	3127		424			6533		427		
5	10016	3339		2123		20240	6747		2104	
	2869		210			8145		216		
	2659		209			7929		217		
	2450		419			7712		433		
6	7978	2659		2542		23786	7929		2537	
	0754		211			9987		216		
	0543		211			9771		214		
	0332		422			9557		430		
7	1629	0543		2964		29315	9772		2967	
	0609		212			9688		213		
	0397		212			9475		212		
	0185		424			9263		425		
8	1.191	0.397		3388		28426	9475		3392	
	1884		213			8160		212		
	1671		212			7948		212		
	1459		425			7736		424		
9	5014	1.671		3813		23844	7948		3816	
		17.643					75.866			

F.B. 1387 PG. 230

FORM 879 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. Oreien Weather Clear Inst. No. 50010
Notes by E. Landa Time 10:15-11:10 Rod No. 556

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-22 To B.M. 24-21
Date 10-10-52
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
	2641	17643	214	3813		7932	75866	211	3816	
	2427		214			7721		212		SUMMATION OF RUN
	2213		428			7509		423		B.M. 24-22 TO B.M. 24-21
10	7281	2427		4241		23162	7721		4239	TOTAL BACKSIGHTS +34,029
	4202		212			7390		213		TOTAL FORESIGHTS -106,878
	3990		212			7177		212		DIFF. IN ELEVATION -72,849
	3778		424			6965		425		
11	11970	3990		4665		21532	7177		4664	
	5456		214			7472		212		
	5242		214			7260		211		
	5028		428			7049		423		
12	5726	5242		5093		21781	7260		5087	
	4937		210			9073		220		B.M. 24-21 (ALTADENA E-1)
	4727		210			8853		216		LINCOLN AVE. & FOOTHILL BLVD.
	4517		420			8637		436		SEE F.B. 1387-25 FOR
13	14181	4727		5513	80°	26563	8854		5523	DESCRIPTION
		34029					106878			

F.B. 1387 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..... 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. 1387 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:45-3:00 P.M. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-22 To BM 24-24
Date 9-24-52
Indexed K. G. 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
	5072		212		#5	3697		216		BM 24-22 (ALTADENA G-1)
	4860		212			3481		212		FOOTHILL BLVD & FAIR OAKS AVE
	4648		424			3269		428		SEE F.B. 1387 2L
1	14580	4860		424	94°	10447	3482		428	FOR DESCRIPTION
	6042		210			3219		215		
	5832		210			3004		213		⊼ G.E. DREIER
	5622		420			2791		428		
2	17496	5832		844		9014	3005		856	
	6668		211			3888		213		
	6457		212			3675		213		
	6245		423			3462		426		
3	19370	6457		1267		11025	3675		1282	
	5189		211			6206		215		
	4978		210			5991		211		
	4768		421			5780		426		
4	14935	4978		1688		17977	5992		1708	
	7515		212			4695		213		
	7303		212			4482		214		
	7091		424			4268		427		
5	21909	7303		2112		13445	4482		2135	
		19430					20636			

F.B. 1387 PG. 2223

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 S SHINODA Time 1:45-3:00 P.M. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-22 To B.M. 24-24
Date 9-24-52
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
	6979	29.430	212	2112		3862	20.630	214	2.135	
	6767		210			3648		213		
	6557		422			3435		427		
6	20303	6.768		2.534		10945	3.648		2.562	
	7112		175			4865		164		
	6937		174			4701		161		
	6763		349			4540		325		
7	20812	6.937		2.883		14106	4.702		2.887	
		43.135					28.986			B.M. 24-23 FOOTHILL BLVD & MARENGO AVE SEE F.B. 1387-27 FOR DESCRIPTION
	5133		020			6202		020		
	5113		020			6182		020		
	5093		040			6162		040		
8	15339	5.113		2.923		18546	6.182		2.927	
										B.M. 24-23 A (U.S.C.&G. RESET) FOOTHILL & MARENGO AVE SEE F.B. 1387-27 FOR DESCRIPTION
		49.248					35.168			

F.B. 1387 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:45-3:00 PM Rod No. 5 & 6

Name L. A. CO PRECISE LEVEL NET
Job No. 4913
From BM 24-22 To BM 24-21
Date 9-24-52
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
	8280	48.248	043	2.923		3541	35.168	046	2.927	
	8237		043			3495		046		
	8194		086			3449		092		
9.	24711	8237		3.009		10485	3.495		3.019	
		56.485					38.663			B.M. 24-23B (U.S. 666) FOOTHILL BLVD & MARENGO AVE SEE F.B. 1387-27 FOR DESCRIPTION
	4388		215			3088		216		NOTE: SOME QUESTION IF THIS IS PROPER BM PER U.S. DESCRIPTION
	4173		213			2872		212		
	3960		428			2660		428		
10.	12521	4174		3437		8620	2.873		3.447	
	7519		209			3161		215		
	7310		211			2946		215		
	7099		420			2731		430		
11	21928	7.309		3.857		8838	2.946		3.877	
	7192		215			4028		210		
	6977		216			3818		210		
	6761		431			3608		420		
12.	20930	6.977		4.288		11454	3.818		4.297	
		74.945					48.300			

F.B. 1387 PG. 235

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 S. SHINODA Time 1:45-3:00 P.M. Rod No. 546

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-22 To B.M. 24-24
Date 9-24-52
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
	5914	74.945	085	4.288		4208	48.300	085	4.297	T.P. C.S. MON
	5829		086			4123		085		FOOTHILL BLVD & SANTA ANITA AVE
	5743		171			4038		170		& INTERSECTION
13	17486	5.829		4.459		12369	4.123		4.467	
	6121	88.774	212			4880	52.423	212		
	5909		213			4668		212		
	5696		425			4456		424		
14	17726	5.909		4.884		14004	4.668		4.891	
	5795		068			5779		072		B.M. 24-24 (ALTADENA H-1)
	5727		067			5707		072		FOOTHILL BLVD & ST. JAMES PL.
	5660		135			5635		144		SEE F.B. 1387-28
15	17182	5.727		5.019	92°	17121	5.707		5.035	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 24-22 TO B.M. 24-24
										TOTAL BACKSIGHTS +92.410
										FORESIGHTS -62.798
										DIFF. IN ELEVATION +29.612
		92.410					62.798			

F.B. 1387 PG. 23-36

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 S. SHINODA Time 3:05-3:35 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-24 To BM 24-22
Date 9-24-5
Indexed L. G. 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
	5729		072		#5	5270		068		BM 24-24 (ALTADENA H-1)
	5677		072			5202		068		FOOTHILL BLVD & ST JAMES PL
	5605		144			5134		136		SEE FB 1387-29
1	17031	5677		144	94°	15606	5202		136	FOR DESCRIPTION
	4528		216			6260		213		* G.E. DREIER
	4312		213			6047		212		T.P. C.S. MON
	4099		429			5835		425		FOOTHILL BLVD & SANTA ANITA AVE.
2.	12939	4313		573		18122	6047		561	& INTERSECTION
	4538		081			6244		087		
	4457		081			6157		087		
	4376		162			6070		174		
3.	13371	4457		735		18471	6157		735	
	3966		215			7128		212		
	3751		212			6916		213		
	3539		427			6703		425		
4	11256	3752		1162		20747	6916		1160	
	3411		213			7770		211		
	3198		215			7559		211		
	2983		428			7348		422		
5.	9592	3197		1590		22677	7559		1582	
		21396					31881			

F.B. 1387 PG. 237

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. 5001Q
Notes by J. SHINODA Time 3:05-3:35 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-24 To BM 24-22
Date 9-24-52
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
	3388	21.396	216	1.590		4688	31.881	212	1.582	
	3172		212			4476		210		
	2960		428			4266		422		
6	9520	3.173		2.018		13430	4.177		2.004	
		24.569					36.358			B.M 24-23B (U.S.C.C.C) FOOTHILL BLVD & MARENGO ST SEE F.B 1387-27 FOR DESCRIPTION
	3670		043			8409		046		NOTE; SOME QUESTION IF THIS IS PROPER B.M. PER U.S. DESCRIPTION
	3627		044			8363		044		
	3583		087			8319		090		
7	10880	3.627		2.105	94°	25091	8.364		2.094	STOPPED 3:35 PM
		28.196					44722			BM 24-23A (U.S.C.C.C. RESET) FOOTHILL BLVD & MARENGO AVE SEE F.B. 1387-27 FOR DESCRIPTION
F.B. 1387 PG 238	6162		020			5097		020		
	6142		020			5077		020		BEGAN 8:35 AM 9-25-52
	6122		040			5057		040		
8	18426	6.142		2.145	81°	15231	5.077		2.134	
		34.338					49.799			

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 S SHINODA Time 8:35-9:15AM Rod No. 5 & 6

Name L. A. CO PRECISE LEVEL NET
Job No. 4923
From B.M 24 24 To B.M 24-22
Date 9-25-5
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
		34.338		2.145			49.799		2.134	B.M 24-23
										FOOTHILL BLVD & MARENGO AVE
										SEE F B 1387-27
										FOR DESCRIPTION
	4851		169			7087		169		
	4682		168			6918		168		
	4514		337			6750		337		
9	14047	4682		2482		20755	6.918		2471	
	4091		211			7217		213		
	3880		211			7004		211		
	3669		422			6793		424		
10.	11640	3.880		2904		21014	7.005		2895	
	3950		214			6768		211		
	3736		213			6557		210		
	3523		427			6347		421		
11.	11209	3.736		3331		19672	6557		3.316	
	6072		213			5060		211		
	5859		213			4849		210		
	5646		426			4639		421		
12	17577	5859		3.757		14548	4.849		3737	
		52.495					75.128			

F.B. 1387 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 S. SHINODA Time 8:35 - 9:15 AM Rod No. S&C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 24-24 To BM 24-22
Date 9-24-52
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
	3862	52.495	211	3757		6640	75.128	213	3737	
	3651		211			6427		211		SUMMATION OF RUN
	3440		422			6216		424		BM 24-24 TO BM 24-22
13	10953	3651		4179		19283	6428		4161	
	3176		212			6003		209		TOTAL BACKSIGHTS + 62.605
	2964		211			5794		211		FORESIGHTS - 92.218
	2753		423			5583		420		DIFF. IN ELEVATION 29.613
14	8893	2964		4602		17380	5793		4581	
	3710		215			5081		212		BM 24-22 (ALTADENA
	3495		215			4869		211		FOOTHILL BLVD & FAIR OAKS AVE
	3280		430			4658		423		SEE F.B. 1383-2C
15	10485	3495		5032	83°	18608	4869		5004	FOR DESCRIPTION
		62.605					92.218			

F.B. 1287 PG. 2410

FORM 399 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 9:00 - 10:15 Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From B.M. 24-24 To B.M. 24-22
Date 10-10-52
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
	5781		72		#C	5798		69		B.M. 24-24 (Altadena H-1)
	5709		72			5729		69		Foothill Blvd. & St James Pl.
	5637		144			5660		138		See F.B. - 1387-28
1	17127	5709		144	75°	17187	5729		138	for description
	4923		213			6162		213		
	4710		212			5949		211		T.P. & Center line
	4498		425			5738		424		Intersection. Santa Anita
2	14131	4710		569		17849	5950		562	Ave & Foothill Blvd.
	4282		85			5982		83		
	4197		87			5899		83		T. G.E. Dreier
	4110		172			5816		166		
3	12589	4196		741		17697	5899		728	
	3862		212			7021		211		
	3650		213			6810		211		
	3437		425			6599		422		
4	10949	3650		1166		20430	6810		1150	
	3173		214			7536		212		
	2959		211			7324		210		
	2748		425			7114		422		
5	8880	2960		1591		21974	7325		1572	
		21,225					31,713			

F.B. 1387 PG. 245

FORM 372 SM 7-48

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 9:00-10:15 Rod No. 5 E C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4915
From B.M. 24-24 To B.M. 24-22
Date 10-10-52
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3183	21.225	213	1591		4483	31.713	214	1572	
	2970		213			4269		212		
	2757		426			4057		426		
6	8910	2970		2017		12809	4270		1998	
		24.195					35.983			B.M. 24-23 B (U.S. 666) Marengo Ave. ℄ Foothill Blvd. See F.B. 1387-27 for descrip.
	3579		46			8317		44		
	3533		45			8273		42		
	3488		91			8231		86		
7	10600	3533		2108		24821	8274		2084	
		27.728					44.257			B.M. 24-23 A (U.S. 666 Reset) Marengo Ave. ℄ Foothill Blvd. See F.B. 1387-27 for descr.
	6165		20			5099		21		
	6145		20			5078		21		
	6125		40			5057		42		
8	18435	6145		2148		15234	5078		2126	
		33.873					49.335			

F.B. 1387 PG 2 & 6

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 9:00 - 10:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From B.M. 24-22 To B.M. 24-23
Date 10-10-52
Indexed R. C. Tallman

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
		33.873		2148			49.335		2126	B.M. 24-23 Marengo Ave. & Foothill Blvd. See F.B. 1387-27 for description
	4849		170			7085		168		
	4679		170			6917		168		
	4509		340			6749		336		
9	14037	4679		2488		20751	6917		2462	
	3952		212			7052		212		
	3720		211			6840		212		
	3509		423			6628		424		
10	11161	3720		2911		20520	6840		2886	
	4011		213			6834		212		
	3798		213			6622		211		
	3585		426			6411		423		
11	11394	3798		3337		19867	6622		3309	
	6063		206			5058		216		
	5857		208			4842		214		
	5649		414			4628		430		
12	17569	5856		3751		14528	4843		3739	
		51.926					74.557			

F.B. 1387 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. Oneien Weather Clear Inst. No. 50010
Notes by E. Lainda Time 9:00-10:15 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-29 To B.M. 24-22
Date 10-10-52
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
	3918	51.926	213	3751		6698	74557	213	3739	
	3705		212			6485		212		
	3493		425			6273		425		
13	11116	3705		4176		19456	6485		4164	
	3909		212			6733		211		
	3697		214			6522		211		
	3483		426			6311		422		
14	11089	3696		4602		19566	6522		4586	
	4011		215			5390		213		B.M. 24-22 (Altadena G-1)
	3796		215			5177		214		Fair Oaks Ave. & Foothill Blvd.
	3581		430			4963		427		See F.B. 1387-26
15	11388	3796		5032	77°	15530	5177		5013	for description
										Summation of Rum
										B.M. 24-29 to B.M. 24-22
										Total Backsights = + 63.123
										Total Foresights = - 92.741
										Total diff in Elev. = - 29.618
		63.123					92.741			

F.B. 1387 PG. 248

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 S. SHINODA Time 2:15-2:50 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-23 To B.M. 24-22
Date 10-14-52
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
	4730		169		#5	6966		169		B.M. 24-23
	4561		169			6797		169		FOOTHILL BLVD & MARENGO AVE
	4392		338			6628		338		SEE F.B. 1387-27
1	13683	4561		.338	84°	20391	6.797		.338	FOR DESCRIPTION
	4039		216			7159		212		
	3823		214			6947		211		⊼ E LANDA
	3609		430			6736		423		
2	11471	3.824		.768		20842	6.947		.761	
	4524		214			7341		212		
	4310		212			7129		210		
	4098		426			6919		422		
3	12932	4311		1.194		21389	7.130		1.183	
	5931		213			4920		214		
	5718		215			4706		211		
	5503		428			4495		425		
4	17152	5.717		1.622		14121	4.707		1.608	
	3794		209			6575		216		
	3585		209			6359		217		
	3376		418			6142		433		
5	10755	3.585		2.040		19076	6.359		2.041	
		21.998					31.930			

F.B. 1387 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. DRRIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2:15-2:50PM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-23 To B.M. 24-22
Date 10-14-52
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
	3750	21.998	212	2.040		6579	31.990	212	2.041	
	3538		214			6367		213		
	3324		426			6154		425		
6	10612	3.539		2.466		19100	6.367		2.466	
	4022		215			5396		216		B.M. 24-22 (ALTADENA G.1)
	3807		214			5180		213		FOOTHILL BLVD & FAIR OAKS AVE
	3593		429			4967		429		SEE F.B. 1387-26
7	11422	3.807		2.895	82°	15543	5.181		2.895	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 24-23 TO B.M. 24-22
										TOTAL BACKSIGHTS +29.342
										" FORE " -43.478
										DIFF. IN ELEVATION -14.136
		29.342					43.478			

F.B. 1387 PG. 2.50

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 HAZY Inst. No. 50010
Notes by S. SHINODA Time 8:30 TO 9:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 24-23 To B.M. 24-23B
Date 9-29-52
Indexed L. A. Robinson

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
	5063		021		#5	6126		019		B.M. 24-23 TO B.M. 24-23A
	5042		022			6107		020		
	5020		043			6087		039		SEE F.B. 1387-27
1	15125	5.042				18320	6.107			FOR DESCRIPTION
	5011		021		#6	6077		020		BM 24-23 TO B.M. 24-23A
	4990		021			6057		020		
	4969		042			6037		040		
2	14970	4.990				18171	6.057			
	8347		043		#5	3609		046		BM 24-23A TO B.M. 24-23B
	8304		042			3563		046		
	8262		085			3517		092		
3	24913	8.304				10689	3.563			
	8307		045		#6	3572		046		BM 24-23A TO B.M. 24-23B
	8264		042			3526		046		
	8222		085			3480		092		
4	24793	8.264				10578	3.526			

F.B. 1387 PG. 251

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. 1387 PG. 252