Notes Ck'd by	[illegible]
Map No.	W. C. [illegible]
Office Work	Surveyed [illegible]
Checked	Notes [illegible]
Date	Indexed [illegible] 1-18-52

LINE # 9

L.A. Co. PRECISE LEVEL NET

JOB # 4923

H. F. NAUMANN
G. E. DREIER
E. LANDA
M. SONNENSCHEIN
S. SHINODA
T. OHASHI

76P3085

F.B. 1375 PG. 6

B.M. 9-1 (CLEARWATER K-2)

THIS STATION IS NEAR BELLFLOWER IN LOS ANGELES COUNTY, APPROXIMATELY ON THE SEMI-TANGENT (NEAR THE P.I.) OF A CURVE ON ~~CENTER ST.~~ ALONDRA BLVD ABOUT 1,125.5 FT. EASTERLY, MEASURED ALONG THE CENTER LINE AND SEMI-TANGENT OF ~~CENTER ST.~~ ALONDRA BLVD FROM A LEAD AND TACK AT THE CENTER LINE INTERSECTION OF WOODRUFF AVE. AND 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, CLEARWATER K-2, RE. 2177, SET BY COUNTY SURVEYOR 1944" WAS SET IN CONCRETE 2 INCHES BELOW SUB-GRADE OF STREET.

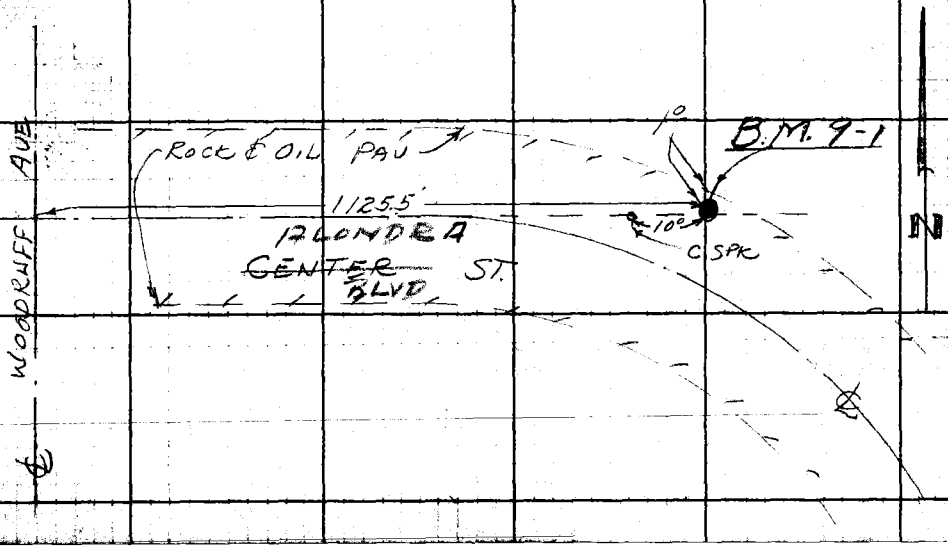
NO SUB-SURFACE MARK

REFERENCE: F.B. 932-17,18.

L.A.Co. 1952 Adj. Elev 72.218 ✓

Not Recovered 2 Aug 1961 F.E.B.

See F.B. ~~2860~~ ~~7~~ 1375-213



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

Do not extend notes this side of this line.

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

F.B. 1375 Pg. 7

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

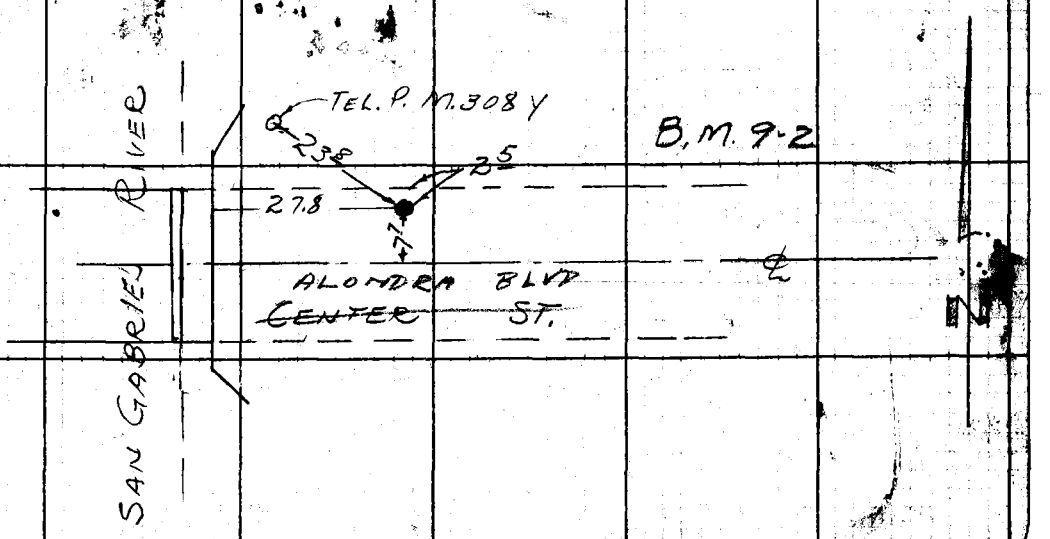
Survey of Co. PRECISE LEVELING
W. O. 4725 Tape No. St'd. °F
Surveyed by H. F. NAUMANN
Notes G. E. DREIER Date NOV 51
Indexed C. Johnson

B.M. 9-2 (CLEARWATER L-2)

THIS STATION IS NEAR ~~CENTER ST.~~ ALONDRA BLVD. IN LOS ANGELES COUNTY, ON ~~CENTER ST.~~, NEAR THE EAST BANK OF THE SAN GABRIEL RIVER, 27.8 FEET EASTERLY FROM THE EAST EDGE OF BRIDGE, AND 7.7 FT. NORTHERLY FROM THE CENTER LINE OF PAVEMENT, 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 CLEARWATER L-2 R.E. 2177 SET BY COUNTY SURVEYOR 1944" WAS SET IN CONCRETE 2 INCHES BELOW THE SUBGRADE OF STREET.

7-7-58 L.A. Co. 1952 Adj. Elev. 84.520 ✓
B.M. 9-2 NOT FOUND; BRIDGE & ROAD GRADE HAVE BEEN RELOCATED
See F.B. 1395 - 21



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. 1375 Pg. 8

B.M. 9-3 (ARTESIA A-2)

THIS STATION IS AT THE CENTER LINE INTERSECTION OF CENTER ST. AND STUDEBAKER ROAD ABOUT 2 MILES NORTHWEST OF ARTESIA.

STATION MARK: A CUT SPIKE AND WASHER OVER A 2" BY 2" STAKE AND NAIL 20" DOWN WAS FOUND AS PER F.B. 494-23. A 2"x 2" STAKE AND NAIL WAS RESET FLUSH WITH THE SURFACE.

NOTE: THIS POINT FOUND RESET. A STANDARD GEODETIC MONUMENT IN WELL DOWN 10 INCHES STAMPED ARTESIA A-2.

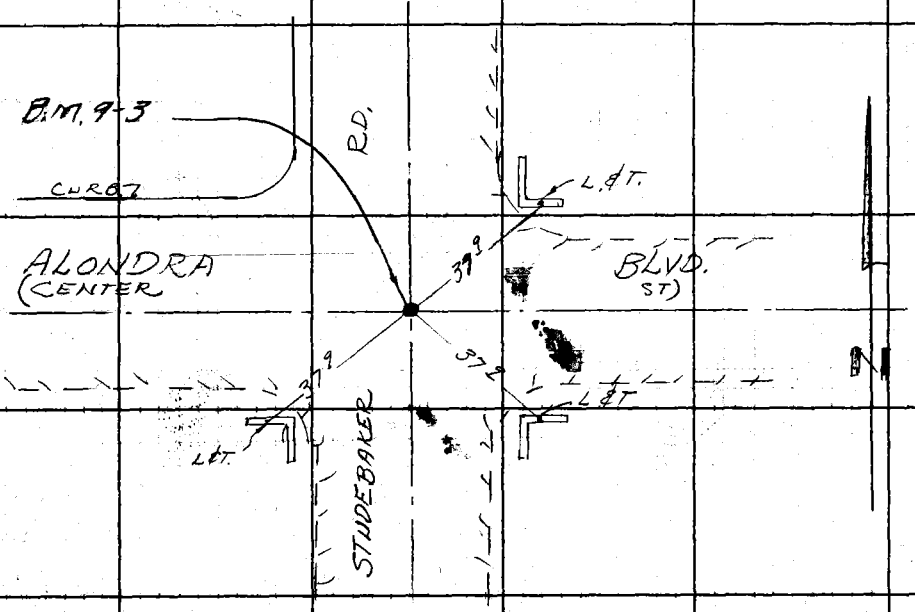
L.A.Co. 1952 Adj. Elev. 72.608 ft

Not Recovered 2 Aug 1961 FEB.
See F.B. 1375 - 211

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 Co. Precise Level Net
Map No.	W. O. 1923 Tape No. St'd °F
Office Work	Surveyed by H.F. Naumann
Checked	Notes G.E. Dreier Date Nov 51
Date	Indexed C. Johnson

F.B. 1375 Pg. 9

B.M. 9-4

STUDEBAKER RD. AND 166th ST.

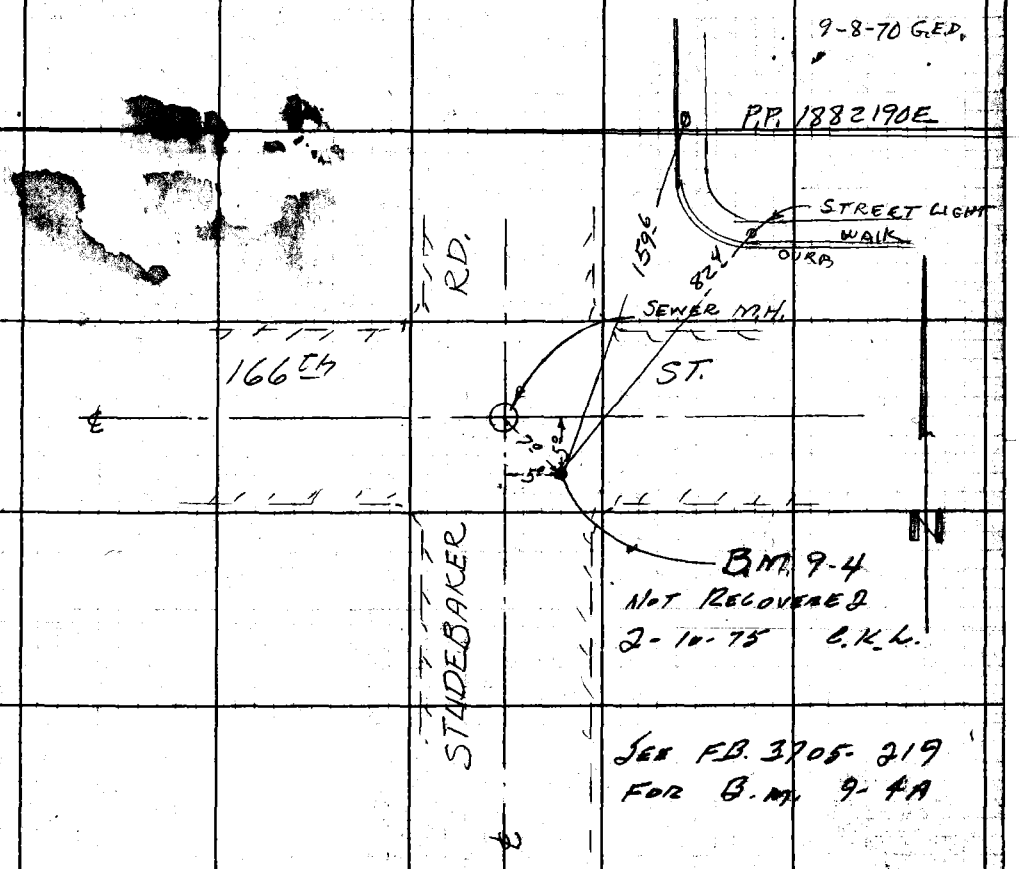
2¼" diameter

A STANDARD COUNTY SURVEYOR MONUMENT with

Button, STAMPED "B.M 9-4 1951 RE. 63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE, 5 FT EAST OF THE ℄ OF STUDEBAKER RD. AND 5 FT SOUTH OF THE ℄ OF 166th ST, IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT".

W Voge 8-4-65

L.A. Co. 1952 Adj. Elev. 69.917 ✓



SEE F.B. 3705-219 FOR B.M. 9-4A

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

Do not extend notes this side of this line.

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

76F309S 247 2-51

F.B. 1375 Pg. 10

B.M 9-5 (U.S. 187)

ARTESIA, ½ MI. N. BY 1 MI W. OF AT N.W.

OUT 7-8-58 COR. OF ~~GALLINA~~ STUDEBAKER RD. AND ARTESIA AVE., IN

CONC. CULVERT; CHISELED SQ. MARKED "U.S.B.M. 63.0"

L.A. Co. 1952 Adj. Elev. 62.131 ✓

B.M. 9-6

STUDEBAKER RD AND ARTESIA AVE,

A STANDARD COUNTY SURVEYOR MONUMENT

See later 1375-87 STAMPED "B.M. 9-6 1951 RE 63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE, 100 FT. WEST OF THE ℄ OF STUDEBAKER RD. AND 11.0 FT NORTH OF THE ℄ OF ARTESIA AVE. IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

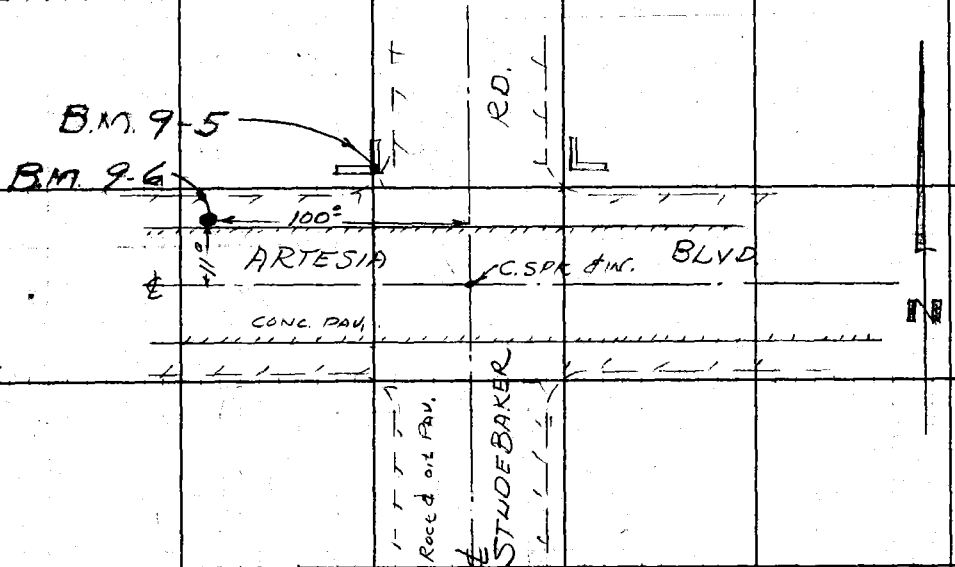
L.A. Co. 1952 Adj. Elev. 60.159 ✓

REMOVED

For R.Ms. see F.B. 1375/87

FOUND B.M. 9-6 ON 7-8-58 WITH BUTTON SHEARED OFF. SEE F.B. 2431 FOR 1958 LEVELS (U.E.D.)

SEE F.B. 3705-221 FOR B.M. 9-6C



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

Do not extend notes this side of this line.

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

F.B. 1375 PG. 11

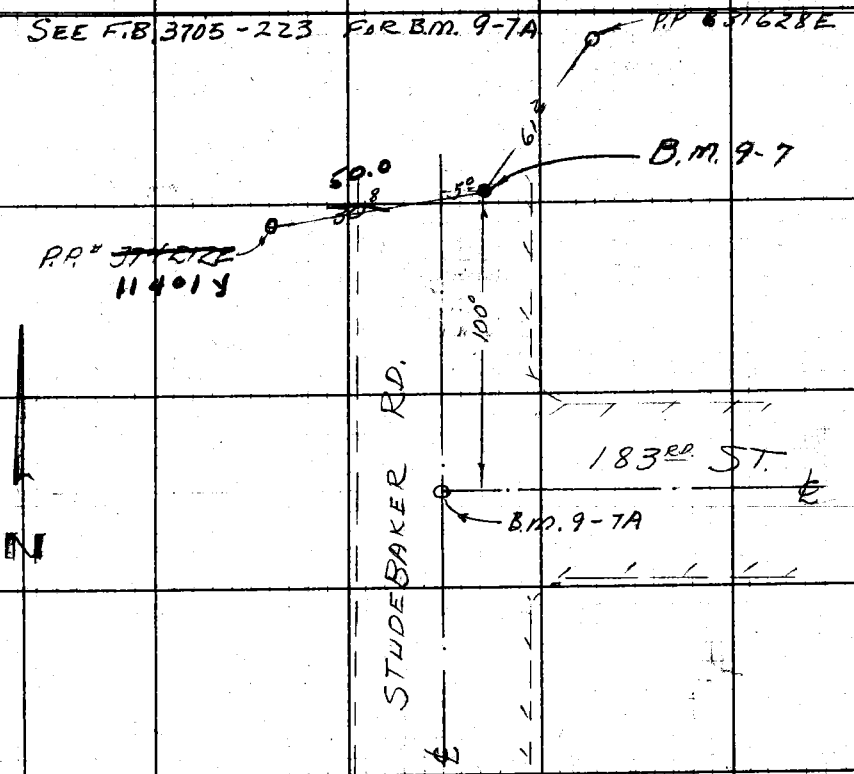
Notes Ck'd by	Survey of & PRECISE LEVEL NET
Map No.	W. O. 4123 Tape No. St'd. °F
Office Work	Surveyed by H.F. NAUMANN
Checked	Notes G.E. DREIER Date Nov '51
Date	Indexed C. Johnson

B.M. 9-7

STUDEBAKER ROAD AND 183RD STREET, A STANDARD COUNTY SURVEYOR MONUMENT STAMPED "B.M. 9-7 1951 R.E 63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE 100.0 FT NOE THE ℄ OF 183 RD STREET, AND 5.0 FT E OF THE ℄ OF STUDEBAKER RD. IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT." L.A.Co. 1952 Adj. Elev. 55.793

Not recovered on 8-4-65 W. Vogt

SEE F.B. 3705-223 FOR B.M. 9-7A



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.

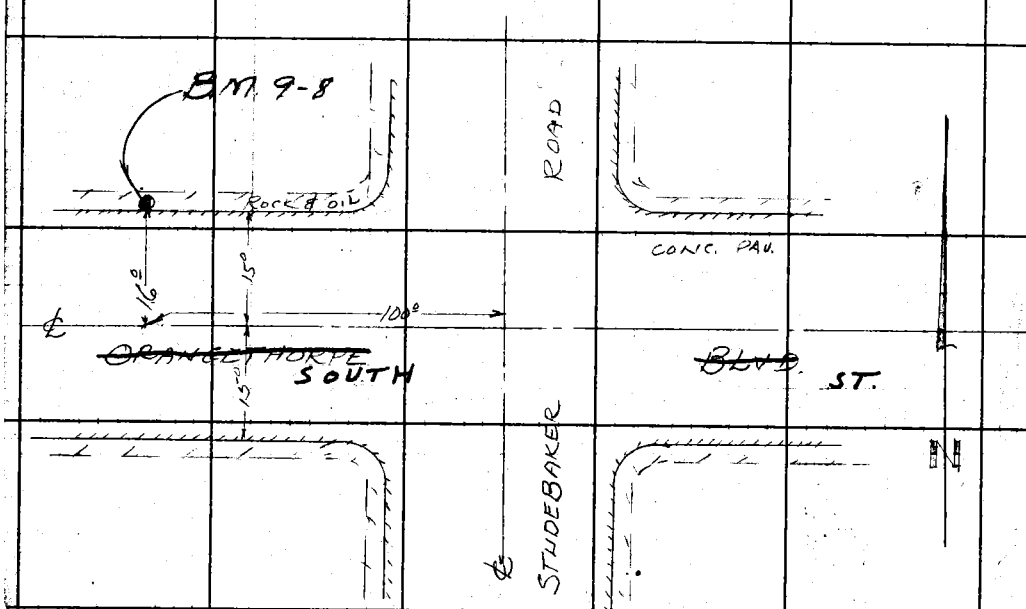
76FS095 247 2-51

F.B. 1375 PG. 12

B.M. 9-8

STUDEBAKER RD AND ~~ORANGETHORPE~~ South ~~BLVD.~~ St.,
A STANDARD COUNTY SURVEYOR MONUMENT
STAMPED "B.M 9-8 1951 R.E 63" SET IN
CONCRETE 10 INCHES BELOW THE SURFACE, 100° FT
W OF THE ℄ OF STUDEBAKER RD AND 16° FT N.
OF THE ℄ OF ~~ORANGETHORPE~~ South ~~BLVD~~ St., IN A WELL
CUT THROUGH THE PAVEMENT AND PROTECTED
BY A CAST IRON COVER MARKED "COUNTY SURVEYOR
MONUMENT". for ~~description~~ see F.B. 3705 - 225 (W.O.V.)
new ~~description~~ L.A. Co. 1952 Adj. Elev. 50.174 ✓

9-8-70 NOT RECOVERED, NEW PAVEMENT, DID NOT DIG. G.E.D



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.

F.B. 1375 PG. 13

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

Survey of CO. PRECISE LEVEL NET
W. O. 4745 Tape No. St'd. °F
Surveyed by H.F. HAUMANN
Notes G.E. DREIER Date NOV 51
Indexed R. C. Johnson

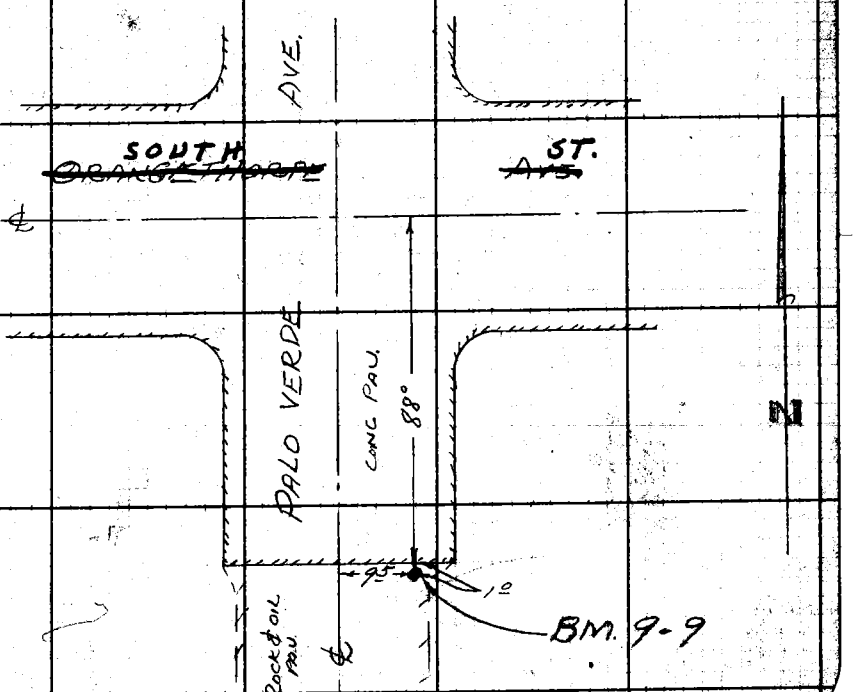
B.M. 9-9

PALO VERDE AVE AND ~~SOUTH ORANGETHORPE AVE~~ SOUTH ST., A STANDARD COUNTY SURVEYOR MONUMENT STAMPED "B.M. 9-9 1951 R.E. 63", SET IN CONCRETE 10 INCHES BELOW THE SURFACE, 88± FT S OF THE ℄ OF ~~ORANGETHORPE AVE~~ SOUTH ST AND 9.5 FT E OF THE ℄ OF PALO VERDE AVE., IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT." for new description see F.B. 3705-231
L.A.G. 1952 Adj. Elev. 50.125 ✓ (W.J.H.)

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

Do not extend notes this side of this line.

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



76F309S 247 2-51

F.B. 1875 PG. 14

B.M. 9-10

PALO VERDE AVE AND DEL AMO BLVD., A STANDARD COUNTY SURVEYOR MONUMENT STAMPED "BM 9-10 1951 R.E 65" SET IN CONCRETE 10 INCHES BELOW THE SURFACE, 85 FT S OF THE ℄ OF DEL AMO BLVD AND 23 FT W OF THE ℄ OF PALO VERDE AVE., IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

for new description see F.B. 3705-233 (W.J.V.)

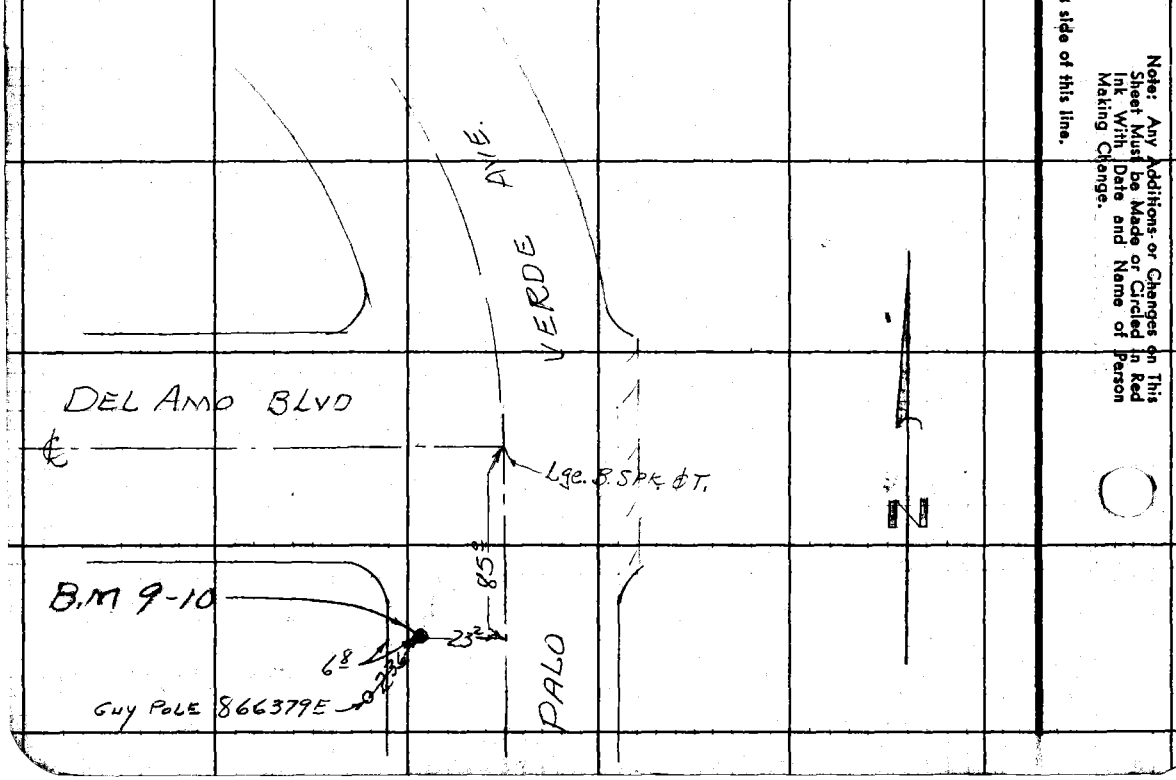
L.A.Co. 1952 Adj. Elev. 43.983 ✓

1957 " 43.610

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.



F.B. 1375 Pg. 15

Notes Ck'd by	Survey of Co. Precise Level Net
Map No.	W. O. 4928 Tape No. St'd. °F
Office Work	Surveyed by H. F. Naumann
Checked	Notes G. E. Dreier Date Nov. '51
Date	Indexed E. C. Johnson

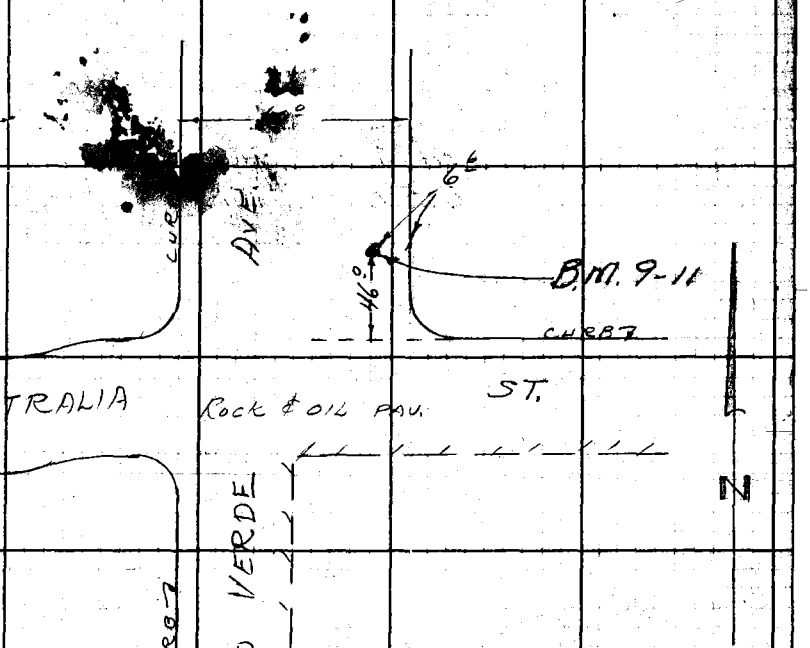
B.M. 9-11

~~Palo Verde Ave. and Centralia St., NE Cor.,~~

A STANDARD COUNTY SURVEYOR MONUMENT STAMPED "B.M. 9-10 1951 RE. 63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE, 6.6 FT. WEST OF THE EAST CURB OF PALO VERDE AVE. AND 46.0 FT. NORTH OF THE PROLONGATION TO THE WEST OF THE NORT CURB OF CENTRALIA AVE., IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

for new description See F.B. 3705-235 (W.W.)

L. A. Co. 1952 Adj. Elev. 36.508 ✓



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
724 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51

F.B. 1375 PG. 16

B.M. 9-12 (CLEARWATER L-9)

THIS STATION IS IN THE SOUTHEAST PORTION OF LOS ANGELES CO., 2 MI. EAST OF LAKEWOOD BLVD. ON CARSON ST., AT ITS INTERSECTION WITH PALO VERDE AVE., 27 FT SOUTHERLY FROM THE SOUTH EDGE OF CONCRETE PAVEMENT ON CARSON ST., 34.6 FT EASTERLY FROM THE EAST EDGE OF CONCRETE CULVERT, AND IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

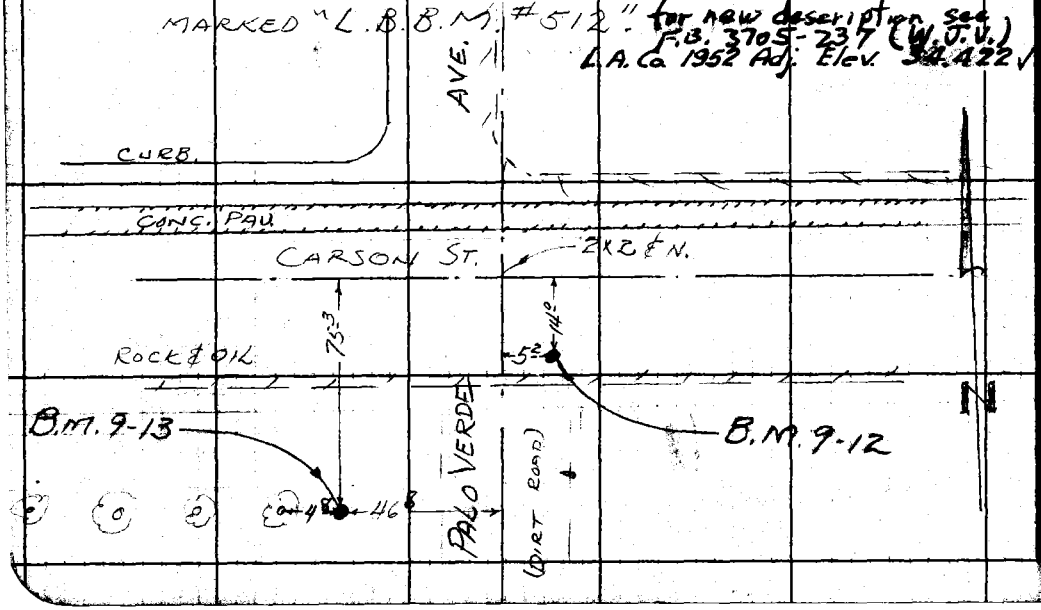
STATION MARK: A STANDARD 4 INCH BRASS TABLET INSCRIBED: "L.A. COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION CLEARWATER L-8 RE. 2.77 SET BY COUNTY SURVEYOR 1943" WAS SET IN CONC. 2 INCHES BELOW THE SUBGRADE OF STREET.

L.A. Co. 1952 Adj: 36.031 ✓

B.M. 9-13 (US 194)

ARTESIA, 2½ MI. S. BY 1½ MI W. OF, NR SW COR OF CARSON ST. AND PALO VERDE AVE., ON LINE WITH ROW OF 3" SYCAMORES, S EDGE OF BRIDLE TRAIL 4.8' E OF END TREE, 75.3' S OF ℄ CARSON ST., STATE HWY 105+16.5. SET ORIG. BRONZE TABLET STAMPED "A-2 1923", IN CONCRETE POST 2' BELOW SURFACE OF GROUND WITH 4x4 WHITE TOPMARKER 1'S MARKED "L.B.B.M. #512".

for new description see F.B. 3705-237 (W.O.V.)
L.A. Co 1952 Adj. Elev. 34.422 ✓



Not Received 2 Aug 1961 F.E.B.

RETURN TO LOS ANGELES COUNTY SURVEYOR 7228 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 Co. Pacific Level Net
Map No.	W. O. 4923 Sheet No. Std. °F
Office Work	Surveyed by H.F. Naumann
Checked	Notes G.E. Dreier Date Nov '51
Date	Indexed K. C. Johnson

F.B. 1375 Pg. 17

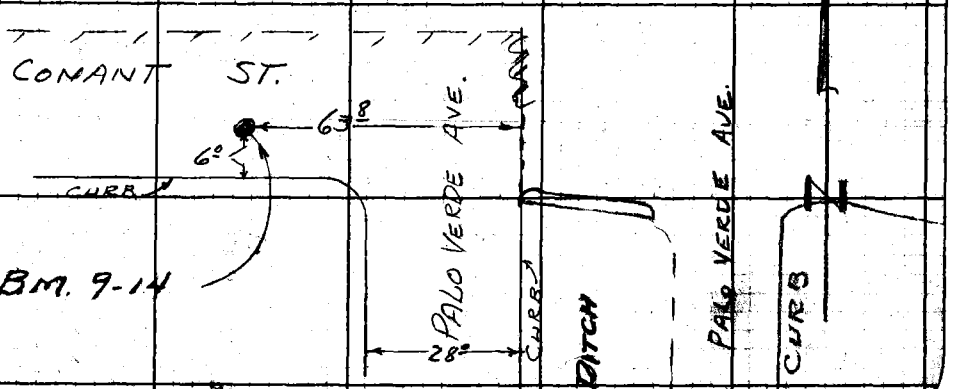
B.M. 9-14

PALO VERDE AVE AND CONANT ST.

S.W. COR, A STANDARD COUNTY SURVEYOR MONUMENT STAMPED "B.M. 9-14 1951 RE 63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE, 6 FT NORTH OF THE SOUTH CURB OF CONANT ST. AND 63.8 FT WEST OF THE EAST CURB OF PALO VERDE AVE, IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

Not recovered on 8-5-65 W. Vrge for description of B.M. 9-14A see F.B. 3705-239

L.A. Co. 1952 Adj. Elev 28.334 ✓



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. 1375 PG. 18

B.M. 9-15

PALO VERDE AVE, 0.5 MILE NORTH OF SPRING ST. NEAR CITY OF LONG BEACH WATER DEPARTMENT WILSON WELL No. 1, A 2 INCH IRON PIPE FILLED WITH CONCRETE 21 INCHES BELOW THE SURFACE IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT", ON THE ℄ OF PALO VERDE AVE, 12 FT NORTHERLY FROM A POWER POLE LINE TO THE EAST AND 2 FT. NORTHERLY OF A TELEPHONE POLE LINE TO THE WEST.

7-11-58 4.E.D. L.A. Co. 1952 Adj. Elev. 27.21 V

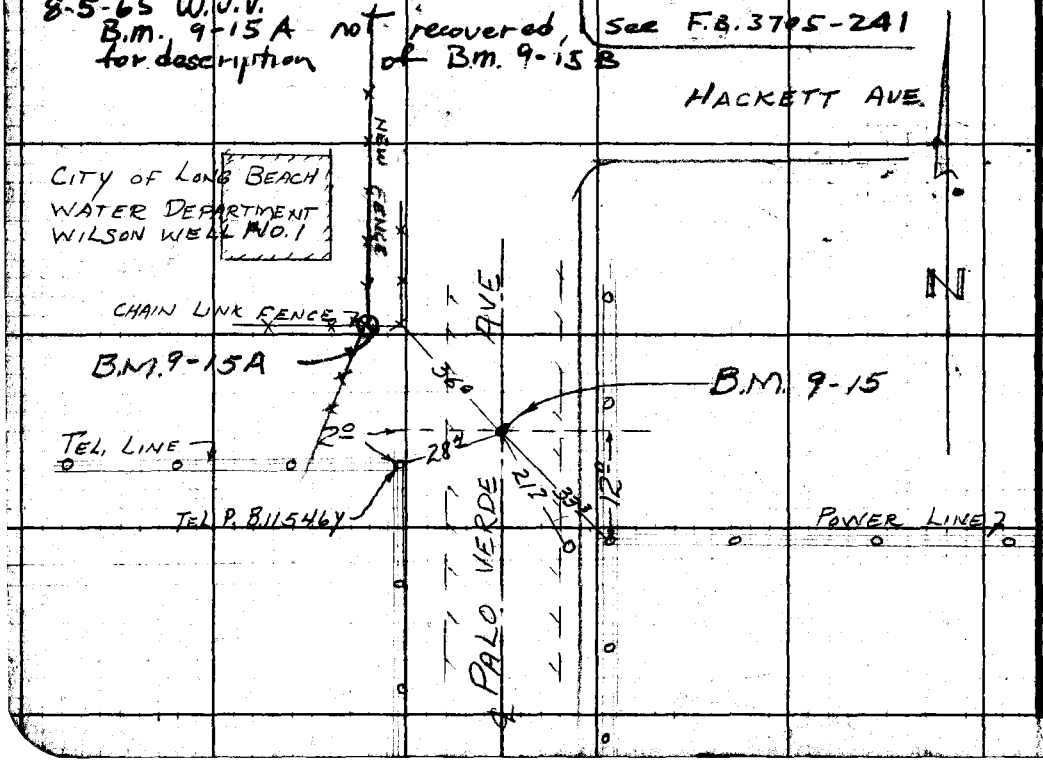
NOT FOUND; DUG 3 FT DEEP; ST. GRADE HAS BEEN LOWERED

7-11-58 4.E.D.

B.M. 9-15A (SEE F.B. 2431 FOR LEVEL NOTES)

PALO VERDE AVE & HACKETT AVE, S.W. COR., B. SPK. IN CONC BASE OF CHAIN LINK FENCE COR. POST 58.0 FT W. OF ℄ AND 74.0 FT. S. OF ℄

8-5-65 W.J.V.
B.M. 9-15A not recovered, See F.B. 3705-241 for description of B.M. 9-15B



RETURN TO
LOS ANGELES COUNTY SURVEYOR
7261 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.E. NAUMANN Weather CLEAR Inst. No. 50010
Notes by C.E. DREIER Time 1:00 - 2:10 PM Rod No. 788

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 6-6 To B.M. 9-2
Date 1-3-52
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
	6410		212		#7	5.131		212		B.M. 6-6
	6198		213			4.919		214		SEE F.B. 1267-1
	5985		425			4705		426		FOR DESCRIPTION
1	18593	6.198		425	61°	14.755	4.918		426	
	5599		215			5.662		214		T E. LANDA
	5384		213			5.448		216		
	5171		428			5.232		430		
2	16154	5.385		853		16342	5.447		856	
	5444		214			5.622		212		
	5230		212			5410		211		
	5018		426			5199		423		
3	15692	5.231		1279		16231	5.410		1279	
	5549		246			6908		245		
	5303		243			6663		244		
	5060		489			6419		489		
4	15912	5.304		1768		19990	6663		1768	
										B.M. 9-1 (CLEARWATER K-2)
										SEE F.B. 1375 PG. 6
										FOR DESCRIPTION
		22.118					22438			

F.B. 1272 PG. 17

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:00 - 2:10 PM Rod No. 788

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From BM 6-6 To BM 9-2
Date 1-3-52
Indexed E.O. Johnson

F.B. 1375 PG. 20

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.532	22.118 ✓	213	1.768 ✓		5.633	22.438 ✓	213	1.768 ✓	
	6.319		211			5.420		211		
	6.108 ✓		424 ✓			5.209 ✓		424 ✓		
5	18.959 ✓	6.320 ✓		2.192 ✓		16.262 ✓	5.421 ✓		2.192 ✓	
	5.539		214			5.923		213		
	5.325		214			5.710		211		
	5.111 ✓		428 ✓			5.499 ✓		424 ✓		
6	15.975 ✓	5.325 ✓		2.620 ✓		17.132 ✓	5.711 ✓		2.616 ✓	
	5.390		215			5.690		215		
	5.175		214			5.475		215		
	4.961 ✓		429 ✓			5.260 ✓		430 ✓		
7	15.526 ✓	5.175 ✓		3.049 ✓		16.425 ✓	5.475 ✓		3.046 ✓	
	5.578		216			5.616		214		
	5.362		212			5.402		212		
	5.150 ✓		428 ✓			5.190 ✓		426 ✓		
8	16.090 ✓	5.363 ✓		3.477 ✓		16.208 ✓	5.403 ✓		3.472 ✓	
	5.650		178			0.938		176		
	5.472		174			0.762		174		
	5.298 ✓		352 ✓			0.588 ✓		350 ✓		
9	16.420 ✓	5.473 ✓		3.825 ✓		2.288 ✓	0.763 ✓		3.822 ✓	
		49.774 ✓					45.211 ✓			

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 H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:00 - 2:10 P.M. Rod No. 788

Name L.A. Co. PRECISE LEVEL NET
Job No. 4925
From B.M. 6-6 To B.M. 9-2
Date 1-3-52
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
	11.903	49.774	229	3.825		3.100	45.211	221	3.822	
	11.686		229			2.879		220		
	11.467		488			2.659		441		
10	35.058	11.686	3 5	428.7		8.638	2.879		4.263	
	5.481		211			6.868		210		B.M. 9-2 (CLEARWATER L-2)
	5.270		211	4.709		6.658		209		SEE F.B. 1975-7
	5.059		422	689		6.449		419		FOR DESCRIPTION
11	15.810	5.270		4.702	60°	19.975	6.658		4.682	
										SUMMATION OF RUN B.M. 6-6 TO B.M. 9-2
										TOTAL BACKSIGHTS + 66.730
										TOTAL FORESIGHTS - 54.748
										DIFF IN ELEVATION +11.982
		66.730					54.748			

F.B. 1975 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..... 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. 1375 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 H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 2:10 - 3:00 PM Rod No. 788

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-2 To B.M. 6-6
Date 1-3-52
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
	6.855		209			5.468		213		B.M. 9-2 (CLEAR WATER 1-2)
	6.646		208			5.255		210		SEE F.B. 1378 Pg. 7
	6.438		417			5.045		423		FOR DESCRIPTION
1	19.939	6.646		417	60°	15.768	5.256		423	
	3.188		219			11.998		220		T E. LANDA
	2.969		219			11.778		219		
	2.750		438			11.559		439		
2	8.907	2.969		855		35.335	11.778		862	
	0.936		176			5.648		178		
	0.760		175			5.470		175		
	0.585		351			5.295		353		
3	2.281	0.760		1206		16.413	5.471		1.215	
	5.523		213			5.488		216		
	5.310		212			5.272		213		
	5.098		425			5.059		429		
4	15.931	5.310		1,631		15.819	5.273		1.644	
	5.692		215			5.388		213		
	5.477		216			5.175		215		
	5.261		431			4.960		428		
5	16.430	5.477		2.062		15.523	5.174		2072	
		21.162					32.952			

F.B. 1375 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 H.E. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 2:10-3:00 P.M. Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-2 To B.M. 6-6
Date 1-3-52
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
	5.840	21.162 ✓	212	2,062 ✓		5.457	32.752 ✓	215	2072 ✓	
	5628		213			5 242		212		
	5 415		425 ✓			5,030		427 ✓		
6	16.883 ✓	5.628 ✓		2,487 ✓		15,729 ✓	5.243 ✓		2,499 ✓	
	5.653		214			6.545		208		
	5.439		214			6.337		210		
	5,225 ✓		428 ✓			6,127 ✓		418 ✓		
7	16.317 ✓	5.439 ✓		2.915 ✓		19.009 ✓	6.336 ✓		2.917 ✓	
										B.M. 9-1 (CLEARWATER K-2) SEE F.B. 1375 Pg. 6 FOR DESCRIPTION
		32.229 ✓					44.531 ✓			
	6.803		245			5.445		246		
	6558		246			5.199		243		
	6.312 ✓		491 ✓			4956 ✓		489 ✓		
8	19673 ✓	6.558 ✓		3.406 ✓		15600 ✓	5.200 ✓		3.406 ✓	
	5565		212			5.385		213		
	5353		210			5.172		214		
	5 143 ✓		422 ✓			4958 ✓		427 ✓		
9	16,061 ✓	5.354 ✓		3,828 ✓		15.515 ✓	5.172 ✓		3.833 ✓	
		44.141 ✓					54903 ✓			

F.B. 1375 PG. 24

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:10 - 3:00 P.M. Rod No. 788

Name L.A.C. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-2 To B.M. 6-6
Date 1-3-52 C. O. JOHNSON
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.640	44.141 ✓	214	3.828 ✓		5.579	54.903 ✓	215	3.839 ✓	
	5.426		214			5.364		213		
	5.212		428 ✓			5.151		428 ✓		
10	16.278 ✓	5.426 ✓		4.256 ✓		16.094 ✓	5.365 ✓		4.261 ✓	
	5.131		213			6.406		213		
	4.918		216			6.193		213		B.M. 6-6
	4.702		429 ✓			5.980 ✓		426 ✓		SEE F.B. 1201-11
11	14.751 ✓	4.917 ✓		4.685 ✓	58°	18.579 ✓	6.193 ✓		4.687 ✓	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 9-2 TO B.M. 6-6
										TOTAL BACKSIGHTS = 54.484 ✓
										TOTAL FORESIGHTS = 66.461 ✓
										DIFF IN ELEVATION = -11.977 ✓
		54.484 ✓					66.461 ✓			

F.B. 1375 PG. 25

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party..... 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. 1375 PG. 26

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 H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:35-10:25AM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From BM 9-2 To BM 9-3
Date 1-4-52
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
	1498		207		#7	11188		209		
	1291		210			10979		208		B.M. 9-2 (CLEARWATER L-2)
	1081		417			10771		417		SEE F.B. 1375 PG. 7
1	3870	1.290		417	47°	32938	10.979		417	FOR DESCRIPTION
	3891		211			5763		211		
	3680		210			5552		211		TGE DRIER
	3470		421			5341		422		
2	11041	3.680		.838		16656	5.552		.839	
	5479		214			5468		214		
	5265		214			5254		211		
	5051		428			5043		425		
3	15795	5.265		1.266		15765	5.255		1.264	
	5712		211			5484		212		
	5501		211			5272		212		
	5290		422			5060		424		
4	16503	5.501		1.688		15816	5.272		1.688	
	5649		211			5505		213		
	5438		210			5290		211		
	5228		421			5079		424		
5	16315	5.438		2.109		15872	5.291		2.112	
		21.174					32.349			

F.B. 1375 PG. 27

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 H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:35-10:25 Rod No. 7 & 8

Name L.A. Co PRECISE LEVEL NET
Job No. 4923
From BM 9-2 To BM 9-3
Date 1-4-52
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
	5870	21.174	212	2,109		5451	32.349	213	2.112	
	5658		211			5238		215		SUMMATION OF RUN
	5447		423			5023		428		BM 9-2 TO B.M 9-3
6	16975	5.658		2532		15712	5.237		2,549	
	5330		251			5692		251		TOTAL BACKSIGHTS + 37.099
	5079		249			5441		251		- FORESIGHTS - 49.009
	4830		500			5190		502		DIFF IN ELEVATION -11.910
7	15239	5.080		3032		16323	5.441		3042	
	5439		252			6232		250		
	5187		251			5982		251		B.M 9-3 (ARTESIA A-2)
	4936		503			5731		501		SEE F B 1375 Pg. 8
8	15562	5.187		3,535	63°	17945	5.981		3543	FOR DESCRIPTION
		37.099					49.009			

F.B. 1375 PG. 25

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHIMODA Time 9:05-9:35 AM Rod No. 7 & 8

Name L.A.Co. PRECISE LEVELING
Job No. 4923
From B.M. 9-3 To B.M. 9-2
Date 1-4-52
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
	6284		252		#7	5485		250		
	6032		252			5235		250		B.M. 9-3 (ARTESIA A-2)
	5780		504			4985		500		SEE F.B. 1375 Pg. 8
1.	18096	6.032		.504	41°	15705	5.235		.500	FOR DESCRIPTION
	5726		252			5362		251		
	5474		253			5111		250		* G.E. DREIER
	5221		505			4861		501		
2	16421	5.474		1.009		15334	5.111		1.001	
	5439		213			5854		211		
	5220		212			5643		211		
	5008		425			5432		422		
3	15661	5.220		1.434		16929	5.643		1.423	
	5505		212			5650		211		
	5293		213			5439		211		
	5080		425			5228		422		
4	15878	5.293		1.859		16317	5.439		1.845	
	5519		211			5749		212		
	5308		211			5537		210		
	5097		422			5327		422		
5	15924	5.308		2.281		16613	5.538		2.267	
		27.327					26.966			

F.B. 1375 PG. 27

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:05 - 9:35 AM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVELNET
Job No. 4923
From BM 9-3 To BM 9-2
Date 1-4-52
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
	5412	27327	211	2281		5423	26.966	212	2.267	
	5201		212			5211		213		SUMMATION OF RUN
	4989		423			4998		425		B.M 9-3 TO B.M. 9-2
6.	15602	5.201		2.704		15632	5.211		2.692	
	5692		209			3824		214		TOTAL BACKSIGHTS +49.041
	5483		211			3610		215		~ FORESIGHTS - 37.128
	5272		420			3395		429		DIFF. IN ELEVATION + 11.913
7.	16447	5.482		3.124		10829	8.610		3.121	
	11239		208			1550		209		
	11031		208			1941		209		B.M 9-2 (CLEARWATER L-2)
	10823		416			1132		418		SEE F.B. 1375 Pg. 7
8	33093	11031		3.540	47°	4023	1.341		3.599	FOR DESCRIPTION
		49.041					37.128			

F.B. 1375 PG. 30

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 H F NAUMANN Weather CLEAR Inst. No. 50010
Notes by S SHINODA Time 10:30-11:00AM Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From BM 9-3 To BM 9-4
Date 1-4-52
Indexed E. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6579		212		#7	5660		212		B.M 9-3 (ARTESIA A-2)
	6367		210			5448		213		SEE F.B. 1875 Pg. 8
	6157		422			5235		425		FOR DESCRIPTION
1.	19103	6.368		422	53°	16343	5.448		425	
	5341		213			6021		212		T G.E DRYER
	5128		214			5809		212		
	4914		427			5597		424		
2	15383	5.128		849		17427	5.809		849	
	5567		214			5931		213		
	5353		213			5718		213		
	5140		427			5505		426		
3	16060	5.353		1276		17154	5.718		1275	
	5014		212			6173		214		
	4802		211			5959		211		
	4591		423			5748		425		
4	14407	4.802		1699		17880	5.960		1.700	
	5202		213			6090		213		
	4989		212			5877		214		
	4777		425			5663		427		
5	14968	4.989		2124		17630	5.877		2127	
		26.640					28.812			

F.B. 1875 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 H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:30-11:00 AM Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-3 To B.M. 9-4
Date 1-4-52
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
	5403	26.640	212	2.124		5902	28.812	212	2.127	
	5191		212			5690		212		
	4979		424			5478		424		
6	15573	5.191		2548		17070	5.690		2551	
	5413		213			5647		215		
	5200		211			5432		213		SUMMATION OF RUN
	4989		424			5219		428		B.M. 9-3 TO B.M. 9-4
7	15602	5.201		2972		16298	5.433		2979	
	6057		224			5501		222		
	5833		223			5279		222		TOTAL BACKSIGHTS +48.177
	5610		447			5057		444		" FORESIGHTS -50.868
8	17500	5.833		3419		15837	5.279		3423	DIFF. IN ELEVATION -2.691
	5537		226			5881		227		
	5311		224			5654		226		B.M. 9-4
	5087		450			5421		453		SEE F.B. 1375 Pg. 9
9	15935	5.312		3869	57°	16963	5.654		3876	FOR DESCRIPTION
		48.177					50.868			

F.B. 1375 Pg 32

FORM 379 5M 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 H.F. NAUMANN Weather CLEAR Inst. No. 500.10
Notes by S. SHINODA Time 8:30-9:00 AM Rod No. 7 & 8

Name A Co. PRECISE LEVELNET
Job No. 4923
From B.M. 9-4 To B.M. 9-3
Date 1-4-52
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
	5918		229		#7	5567		225		B.M. 9-4
	5689		229			5342		225		SEE F.B. 1875 Pg. 9.
	5460		458			5117		450		FOR DESCRIPTION
1	17067	5.689		.458	65°	16026	5.342		.450	
	5619		222			6179		226		T.G.E. DREIER
	5397		224			5953		223		
	5173		446			5730		449		
2	16189	5.396		.904		17862	5.954		.899	
	5862		212			5628		215		
	5650		212			5413		213		
	5438		424			5200		428		
3	16950	5.654		1.328		16241	5.414		1.327	
	5638		215			5139		213		
	5423		212			4926		213		
	5211		427			4713		426		
4	16272	5.424		1.755		14778	4.926		1.753	
	6070		213			5190		213		
	5857		214			4967		214		
	5643		427			4758		427		
5	17570	5.857		2.182		14900	4.967		2.180	
		28.016					26.603			

F.B. 1375 PG. 33

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:30-9:00AM Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From BM 9-4 To BM 9-3
Date 1-4-52
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
	6150	28.016	214	2182		4992	26.603	211	2180	
	5936		216			4781		216		
	5720		430			4570		422		
6	17806	5935		5612		14343	4781		7602	
	5950		213			5583		212		
	5737		212			5371		214		SUMMATION OF RUN
	5525		425			5157		426		B.M 9-4 TO B.M 9-3
7	17212	5.737		3037		16111	5.370		3028	
	5978		213			5301		213		TOTAL BACKSIGHTS +50.920
	5765		212			5088		212		~ FORESIGHTS -48.226
	5553		425			4876		425		DIFF IN ELEVATION + 2.694
8	17294	5.765		3462		15265	5.088		3453	
	5679		211			6596		213		
	5468		214			6383		211		BM 9-3 (ARTESIA A-2)
	5254		425			6172		424		SEE F.B. 1375 Pg. 8
9	16401	5.467		3887	44°	19151	6.384		3977	FOR DESCRIPTION
		50.920					48.226			

F.B. 1375 PG. 34

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 11:00-11:45 AM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From BM 9-4 To BM 9-6
Date 1-4-52
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
	5.618		217		#7	5.522		213		
	5.401		215			5.309		212		B.M. 9-4
	5.186		432			5.097		425		SEE F.B. 1375 Pg. 9
1	16.205	5.402		432	58°	15.928	5.309		425	FOR DESCRIPTION
	5.172		214			6.788		213		
	4.958		214			6.575		214		T. E. LAND
	4.744		428			6.361		427		
2	14.874	4.958		860		19.724	6.575		852	
	4.520		210			6.948		215		
	4.310		211			6.788		213		
	4.099		421			6.520		428		
3	12.929	4.310		1281		20.201	6.734		1,280	
	5.002		213			6.054		214		
	4.789		211			5.840		211		
	4.578		424			5.629		425		
4	14.369	4.790		1,705		17.523	5.841		1,705	
	4.885		213			6.075		215		
	4.672		211			5.860		212		
	4.461		424			5.648		427		
5	14.018	4.673		2,129		17.583	5.861		2,132	
		24.133					30.320			

F.B. 1375 PG. 35

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 H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 11:00 - 11:45 A.M. Rod No. 788

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-4 To B.M. 9-6
Date 1-4-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.241	24.133	213	2.129		6.199	30.320	211	2.132	
	5.028		212			5.988		210		
	4.816		425			5.778		421		
6	15.085	5.028		2.554		17.965	5.988		2.553	
	5.146		214			5.845		212		
	4.932		213			5.633		213		
	4.719		427			5.420		425		
7	14.797	4.932		2.981		16.898	5.633		2.978	
	5.160		229			5.495		230		
	4.931		231			5.265		228		
	4.700		460			5.037		458		
8	14.791	4.930		3.441		15.797	5.266		3.436	
	5.160		226			4.768		233		
	4.934		229			4.535		233		
	4.705		455			4.302		466		
9	14.799	4.933		3.896		13.605	4.535		3.902	
										B.M. 9-5 (U.S. 187)
										SEE F.B. 1375 PG. 10 FOR DESCRIPTION
										TOP OF CONC. N. EDGE OF CHISELED
										SQUARE HOLE 0.015 DEEP
F.B. 1375 PG. 54										
		43.956					51.742			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 11:00 - 11:45 AM Rod No. 788

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-4 To B.M. 9-6
Date 1-4-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.197	4.395	.061	3.896		6.170	5.742	.062	3.902	
	4.136		.061			6.108		.060		B.M. 9-6
	4.075		.122			6.048		.122		SEE F.B. 1375 Pg. 10
10	12.408	4.136		4.018	60°	18.326	6.109		4.024	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 9-4 TO B.M. 9-6
										TOTAL BACKSIGHTS 48.098
										TOTAL FORESIGHTS 57.851
										DIFF. IN ELEVATION - 9.753
		48.098					57.851			

F.B. 1375 PG. 37

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 5004.0
Notes by G.E. DREIER Time Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9- To B.M. 9-
Date 1-4-52
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. 875 PG. 39

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather Inst. No. 50010
Notes by G.E. DREIER Time Rod No. 708

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From To
Date
Indexed

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

F.B. 1371 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:10 - 3:00 P.M. Rod No. 788

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-6 To B.M. 9-4
Date 1-4-52
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
	6.067		062		#7	4.094		062		B.M 9-6
	6.005		061			4.032		060		SEE F.B 1375 Pg. 10
	5.944		123			3.972		122		FOR DESCRIPTION
1	18.016	6.005		123	60°	12.098	4.033		122	
										B.M. 9-5 (U.S. 187)
										SEE F.B. 1375 Pg. 10 FOR DESCRIPTION
										TOP OF CONCRETE AT N. EDGE OF CHISELED SQUARE HOLE .015 DEEP
	4.686		232			5.082		230		
	4.454		231			4.852		229		
	4.223		463			4.623		459		
2	13.363	4.454		586		14.557	4.852		581	
	5.751		232			5.418		233		
	5.519		229			5.185		233		
	5.290		461			4.952		466		
3	16.560	5.520		1.047		15.555	5.185		1.047	
	5.879		212			5.178		215		
	5.667		213			4.963		211		
	5.454		425			4.752		426		
4	17.000	5.667		1.472		14.893	4.964		1.473	
		21.646					19.034			

F.B. 1375 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 H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by C.E. DREIER Time 2:16 - 3:00 PM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-6 To B.M. 9-4
Date 1-4-52
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
	6.160	21.646	210	1.472		5.202	19.034	212	1.473	
	5.950		211			4.990		213		
	5.739		421			4.777		425		
5	17.849	5.950		1893		14.969	4.990		1.898	
	6.089		216			4.895		211		
	5.873		213			4.684		209		
	5.660		429			4.475		420		
6	17.622	5.874		2322		14.054	4.685		2318	
	6.010		213			4.959		214		
	5.797		214			4.745		213		
	5.583		427			4.532		427		
7	17.390	5.797		2.749		14.236	4.745		2.745	
	6.923		212			4.499		211		
	6.711		212			4.288		210		
	6.499		424			4.078		421		
8	20.133	6.711		3173		12.865	4.288		3.166	
	6.791		211			5.180		216		
	6580		210			4.964		214		
	6.370		421			4.750		430		
9	19.741	6.580		3594		14.894	4965		3.596	
		52.558					42.707			

F.B. 1375 PG. 41

FORM 379-5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 2:10 - 3:00 PM Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-6 To B.M. 9-4
Date 1-4-52
Indexed A.C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.585	52.558	213	3.594		5.680	42.707	215	3.596	
	5.372		213			5.465		215		B.M. 9-4
	5.159		426			5.250		430		SEE F.B. 1375 Pg. 9
10	16.116	5.372		4.026	56°	16.395	5.465		4.026	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 8-6 TO B.M. 8-4
										TOTAL BACKSIGHTS + 57.930
										TOTAL FORESIGHTS - 48.172
										+ 9.758
		57.930					48.172			

F.B. 1375 PG. 42

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 H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 11:45 - 1:30 PM Rod No. 788

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-6 To B.M. 9-7
Date 1-4-52
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
	6.198		180		#7	5.458		180		B.M. 9-6
	6.018		180			5.278		180		SEE F.B. 1375 Pg. 10
	5.838		360			5.098		360		FOR DESCRIPTION
1	18.054	6.018		360	60°	15.834	5.278		360	
	5.885		213			4.809		211		T. E. LANDA
	5.672		214			4.598		214		
	5.458		427			4.384		425		
2	17.015	5.672		787	60°	13.791	4.597		785	STOPPED 12:00 TO 1:00
	9.730		258			11.712		257		
	9.472		257			11.455		256		
	9.215		515			11.199		513		
3	28.417	9.472		1.302	60°	34.366	11.455		1,298	
	4.601		213			5.800		213		
	4.388		215			5.587		214		
	4.173		428			5.373		427		
4	13.162	4.387		1.730		16.760	5.587		1.725	
	5.282		212			6.280		215		
	5.070		215			6.065		214		
	4.855		427			5.851		429		
5	15.207	5.069		2.157		18.196	6.065		2.154	
		30.618					3 2.982			

F.B. 1375 PG. 43

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAHMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:00 - 1:30 P.M. Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-6 To B.M. 9-7
Date 1-4-52
Indexed E. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5'445	30.618 ✓	213	2157 ✓		5.862	32.982 ✓	213	2.154 ✓	
	5.232		213			5.649		214		
	5.019		426 ✓			5.435		427 ✓		
6	15.696 ✓	5.232 ✓		2.583 ✓		16.946 ✓	5.649 ✓		2.581 ✓	SUMMATION OF RUN
	5392		213			5.945		213		B.M. 9-6 TO B.M. 9-7
	5079		214			5.732		214		
	4965		427 ✓			5.518		427 ✓		TOTAL BACKSIGHTS + 51.211 ✓
7	15536 ✓	5.179 ✓		3.010 ✓		17.195 ✓	5.732 ✓		3.008 ✓	TOTAL FORESIGHTS - 55.577 ✓
	5438		217			5.532		213		DIFF IN ELEVATION - 4.366 ✓
	5221		214			5.319		214		
	5.007		431 ✓			5.105		427 ✓		
8	15.666 ✓	5.222 ✓		3441 ✓		15.956 ✓	5.319 ✓		3.435 ✓	
	5.178		218			6.113		217		
	4.960		218			5.896		219		B.M. 9-7
	4.742		436 ✓			5.677		436 ✓		SEE F.B. 1375 Pg. 11
9	14.880 ✓	4.960 ✓		3.877 ✓	60°	17.686 ✓	5.895 ✓		3.871 ✓	FOR DESCRIPTION

F.B. 1375 PG. 44

51.211 ✓ 55.577 ✓

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by C.E. DREIER Time 1:30 - 2:10 P.M. Rod No. 788

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-7 To B.M. 9-6
Date 1-4-52
Indexed K. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.170		218		#7	5.230		217		B.M. 9-7
	5.952		220			5.013		215		SEE F.B. 1375 Pg. 11
	5732		438			4798		432		FOR DESCRIPTION
1	17.854	5.951		438	60°	15.041	5.014		432	
	5.589		214			5.492		214		T E. LANDA
	5.375		213			5.278		213		
	5.162		427			5065		427		
2	16.126	5.375		865		15835	5.278		859	
	5.901		212			5.348		213		
	5.689		214			5.135		213		
	5475		426			4.922		426		
3	17.065	5.688		1291		15405	5.135		1285	
	5871		215			5.457		216		
	5656		214			5.241		212		
	5442		429			5.029		428		
4	16.969	5.656		1720		15727	5.242		1713	
	6.900		215			5.401		213		
	6.185		213			5188		216		
	5.972		428			4.972		429		
5	18.557	6.186		2148		15561	5.187		2142	
		28.856					25.856			

F.B. 1375 PG. 45

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:30 - 2:10 P.M. Rod No. 788

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-7 To B.M. 9-6
Date 1-4-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.836	28.856	215	2.148		4.638	25.856	215	2.142	
	5.621		211			4.423		212		
	5.410		426			4.217		427		
6	16.867	5.622		2.574		13.272	4.424		2.569	SUMMATION OF RUN
	11.758		256			9.775		256		B.M. 9-7 TO B.M. 9-6
	11.502		254			9.519		259		
	11.248		510			9.260		515		TOTAL BACKSIGHTS + 55.959
7	34.508	11.503		3.084		28.554	9.518		3.084	TOTAL FORESIGHTS - 51.592
	4.865		210			5.945		214		DIFF. IN ELEVATION + 4.367
	4.655		213			5.731		215		
	4.442		423			5.519		429		
8	13.962	4.654		3.507		17.195	5.732		3.509	
	5.504		181			6.240		179		
	5.323		178			6.061		176		B.M. 9-6
	5.145		359			5.855		355		SEE F.B. 1375 Pg. 10
9	15.972	5.324		3.866	61°	18.186	6.062		3.864	FOR DESCRIPTION
		55.959					51.592			

F.B. 1375 PG. 4

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S SHINODA Time 8:50-9:30AM Rod No. 788

Name L.A.Co PRECISE LEVEL NET
Job No. 4925
From B.M 9-7 To B.M 9-8
Date 1-7-52
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
	6010		211		#7	6131		212		B.M 9-7
	5799		211			5919		213		SEE F.B. 1375 Pg. 11
	5588		422			5706		425		FOR DESCRIPTION
1	17397	5.799		422	57°	17750	5.919		425	
	5525		214			6071		213		
	5311		212			5858		214		* G.E. DRUM
	5099		426			5644		427		
2	15935	5.312		848		17573	5.858		852	
	5440		210			5628		215		
	5230		212			5413		213		
	5018		422			5200		428		
3	16688	5.229		1270		16241	5.414		1280	
	5640		211			5801		211		
	5429		213			5590		212		
	5216		424			5378		423		
4	16285	5.428		1694		16769	5.590		1703	
	5435		213			6025		213		
	5222		213			5812		210		
	5009		426			5602		423		
5	15666	5.222		2120		17439	5.813		2126	
		26.990					28594			

F.B. 1375 PG. 47

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:50-9:30 A.M. Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From BM 9-7 To BM 9-8
Date 1-7-52
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
	5142	26.990	211	2120		5389	28.594	214	2126	
	4931		212			5175		213		
	4719		423			4962		427		
6	14792	4.931		2543		15526	5.175		2553	
	5602		214			6361		211		
	5388		215			6150		212		
	5173		429			5938		423		
7	16163	5.388		2972		18449	6.150		2976	
	5711		211			5987		214		
	5500		210			5773		213		
	5290		421			5560		427		SUMMATION OF RUN
8	16501	5.500		3393		17320	5.773		3403	BM 9-7 TO BM 9-8
	5147		228			6543		224		TOTAL BACKSIGHTS +51.382
	4919		227			6317		221		& FORESIGHTS -57.008
	4692		455			6091		445		DIFF. IN ELEVATION -5.626
9	14758	4.919		3848		18960	6.320		3848	
	3790		137			5132		135		
	3653		135			4997		137		BM 9-8
	3518		272			4860		272		SEE F.B. 1375 Pg. 12
10	10961	3.654		4129	54°	14989	4.996		4120	FOR DESCRIPTION
		51.382					57.004			

F.B. 1375 PG. 48

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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:00 - 11:35 AM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From BM 9-8 To BM 9-7
Date 1-7-52
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
	5173		135		#	3830		136		BM 9-8
	5038		138			3694		136		SEE F.B. 1375 Pg. 12
	4900		273			3558		272		FOR DESCRIPTION
1.	15111	5.037		273	59°	11082	3694		272	
	6525		226			5127		226		
	6299		226			4901		225		A. G. E. DREIER
	6073		452			4676		451		
2.	18897	6.299		725		14704	4901		723	
	5932		213			5660		211		
	5719		212			5449		211		
	5507		425			5238		422		
3.	17158	5.719		1150		16347	5.449		1145	
	6373		213			5611		212		
	6160		212			5399		213		
	5948		425			5186		425		
4	18481	6.160		1575		16196	5.399		1570	
	5401		213			5158		212		
	5188		213			4946		213		
	4975		426			4733		425		
5.	15564	5.188		2001		14837	4.946		1995	
		28.403					24.389			

F.B. 1375 PG. 49

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:00-11:35 Rod No. 7 & 8

Name L. A. Co. PRECISE LEVEL NET
Job No. 4923
From BM 9-8 To BM 9-7
Date 1-7-52
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
	6045	28.403	213	200.1		5454	24.389	212	1.995	
	5832		211			5242		212		
	5621		424			5030		424		
6	17498	5.833		2425		15726	5.242		2419	
	5783		212			5624		212		
	5571		211			5412		211		
	5360		423			5201		423		
7	16714	5.571		2848		16237	5.412		2842	
	5645		214			5458		213		
	5431		210			5245		213		SUMMATION OF RUN
	5221		424			5032		426		BM 9-8 TO BM 9-7
8	16297	5.432		3272		15735	5.245		3268	
	6032		212			5488		212		
	5820		212			5276		213		TOTAL BACKSIGHTS +57.056
	5608		424			5063		425		" FORESIGHTS −51.442
9	17460	5.820		3696		15822	5.276		3693	DIFF IN ELEVATION +5.614
	6209		212			6090		212		
	5997		213			5878		211		BM 9-7
	5784		425			5667		423		SEE F.B. 1375 Pg. 11
10	17990	5.997		4121	64°	17635	5.878		4116	FOR DESCRIPTION
		57.056					51.442			

F.B. 1375 PG. 50

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H F NAUMANN Weather CLEAR Inst. No. 50010
Notes by S SHINODA Time 9:30-10:20AM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From BM 9-1 To BM 9-5
Date 1-7-52
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
	6672		212		#7	5200		212		BM 9-8
	6460		210			4988		211		SEE F.B. 1375 Pg. 12
	6250		422			4777		423		FOR DESCRIPTION
1	19382	6.461		422	54°	14965	4988		423	
	5642		225			1951		219		
	5417		224			1732		218		A. G. E. DREIER
	5193		449			1514		437		
2	16252	5.417		871		5197	1.732		860	
	7076		243			7966		245		
	6833		242			7723		244		
	6591		485			7479		489		
3	20500	6.833		1350		23170	7.723		1349	
	11931		161			7473		165		
	11770		161			7308		165		
	11609		322			7143		330		
4	35310	11.770		1678		21924	7.308		1679	
	1147		128			7284		132		
	1019		127			7152		132		
	0892		255			7020		264		
5	3058	1.019		1933		21456	7.152		1943	
		31.500					28.903			

F.B. 1375 PG. 51

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:30-10:20AM Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From BM 9-8 To BM 9-9
Date 1-7-52
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
	5504	31.500	213	1933		5774	28.103	212	1.943	
	5291		216			5562		211		
	5075		429			5351		423		
6.	15870	5.290		2362		16687	5.562		2566	
	5447		212			5705		214		
	5235		211			5491		211		
	5024		423			5280		425		
7.	15706	5.235		2785		16476	5.492		2791	
	5502		212			5759		213		
	5290		212			5537		214		SUMMATION OF RUN
	5078		424			5323		427		B.M 9-8 TO B.M 9-9
8.	15870	5.290		3209		16610	5.537		3218	
	5421		202			5758		205		TOTAL BACKSIGHTS +56.783
	5219		201			5553		203		" FORESIGHTS -56.835
	5018		403			5350		408		DIFF. IN ELEVATION - 0.052
9.	15658	5.219		3612		16661	5.554		3626	
	4379		130			5914		127		
	4249		131			5787		127		B.M 9-9
	4118		261			5660		254		SEE F.B. 1375 Pg. 13
10.	12746	4.249		3873	55°	17361	5.787		3880	FOR DESCRIPTION
		56.783					56.835			

F.B. 1375 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10.20 - 10.55AM Rod No. 7 E 8

Name L.A.CO. PRECISE LEVEL NET
Job No. 4923
From BM 9-9 To BM 9-8
Date 1-7-52
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
	5966		131		#7	4428		131		BM 9-9
	5835		131			4297		131		SEE F.B. 1375 Pg. 13
	5704		262			4166		262		FOR DESCRIPTION
1	17506	5.835		262	55°	12891	4.297		262	
	5802		204			5467		204		
	5598		205			5263		203		T.G.E. DREYER
	5393		409			5060		407		
2	16793	5.598		671		15790	5.263		669	
	5749		212			5501		213		
	5537		214			5288		212		
	5323		426			5076		425		
3	16609	5.536		1097		15865	5.288		1094	
	5703		212			5447		212		
	5491		211			5236		211		
	5279		424			5024		423		
4	16473	5.491		1521		15707	5.235		1517	
	5756		215			5483		213		
	5541		217			5270		211		
	5329		429			5059		424		
5	16624	5.541		1950		15812	5.271		1941	
		28.001					25.354			

F.B. 1375 PG. 13

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S SHINODA Time 10:20 - 10:55 AM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-9 To B.M. 9-8
Date 1-2-52
Indexed A. C. Johnson

F.B. 1375 PG. 5

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
	7203	28.001	132	1950		1067	25.354	127	1941	
	7071		131			0940		127		
	6946		263			0813		254		
6	21214	7.071		2213		2820	0.940		2195	
	7126		164			11588		163		
	6962		162			11425		162		
	6800		326			11263		325		
7	20888	6.963		2539		34276	11425		2520	
	7891		243			7003		242		
	7648		243			6761		241		SUMMATION OF RUN
	7405		486			6520		483		B.M. 9-9 TO B.M. 9-8
8	52944	7.648		3025		30284	6.76		3003	
	1872		216			5561		225		TOTAL BACKSIGHTS + 56.374
	1656		218			5336		224		" FORESIGHTS - 56326
	1438		434			5112		449		DIFF IN ELEVATION + 0.048
9	49660	1.655		3459		160094	5.336		3452	
	5247		212			6720		210		
	5035		210			6510		211		B.M. 9-8
	4825		422			6299		421		SEE F.B. 1375 Pg. 12
10	15107	5.036		3981	59°	19529	6.510		3873	FOR DESCRIPTION
		56.374					56.326			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather PART-CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO 2:10 P.M. Rod No. 7&8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From BM 9-9 To BM 9-10
Date 1-7-52
Indexed A.C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.303		216		#7	5.925		215		
	6.087		215			5.710		214		B.M. 9-9
	5872		431 ✓			5496		429 ✓		SEE F.B. 1375 Pg. 13
1	18262 ✓	6.087 ✓		431 ✓	61°	17131 ✓	5.710 ✓		429 ✓	FOR DESCRIPTION
	5.089		213			5858		215		
	4.876		214			5.643		212		T E. LANDA
	4662		427 ✓			5431		427 ✓		
2	14627 ✓	4.876 ✓		858 ✓		16932 ✓	5.644 ✓		.856 ✓	
	5.438		216			5812		214		
	5222		212			5598		213		
	5010		428 ✓			5385		427 ✓		
3	15670 ✓	5.223 ✓		1286 ✓		16795 ✓	5.598 ✓		1283 ✓	
	4873		213			5705		211		
	4660		210			5.494		214		
	4450		423 ✓			5280		425 ✓		
4	13983 ✓	4.661 ✓		1709 ✓		16479 ✓	5.493 ✓		1708 ✓	
	5609		210			5693		214		
	5.399		214			5.479		212 ✓		
	5185 ✓		424			5.267 ✓		426		
5	16193 ✓	5.398 ✓		2133 ✓		16439 ✓	5.480 ✓		2134 ✓	
		26.245 ✓					27.925 ✓			

F.B. 1375 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 H.F.NAUMANN Weather PART-CLOUDY Inst. No. 50010
Notes by G.E.DREIER Time 1:00 - 2:10 P.M. Rod No. 7&8

Name L.A.CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-9 To B.M. 9-10
Date 1-7-52
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
	5.316	26.245	.168	2.133		5.637	27.925	.167	2.134	
	5.148		.167			5.470		.169		
	4.981		.335			5.301		.336		
6	15.445	5.148		2.468		16.408	5.469		2.470	
	5.839		.160			4.540		.158		
	5.679		.159			4.382		.154		
	5.520		.319			4.228		.312		
7	17.038	5.679		2.787		13.150	4.383		2.782	
										T.P. L.&N. IN CONC. BASE OF THE MOST E'LY COR. OF TRANSMISSION TOWER # M5T3 MARKED B.M. L.C. 231
		37.072					37.777			
	4.455		.157			5.731		.160		
	4.298		.156			5.571		.156		
	4.142		.313			5.415		.316		
8	12.895	4.298		3.100		16.717	5.572		3.098	
	5.278		.215			5.571		.213		
	5.063		.213			5.358		.213		
	4.850		.428			5.145		.426		
9	15.191	5.064		3.528		16.074	5.358		3.524	
		46.434					48.707			

F.B. 1375 PG. 56

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather PART CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 1:00 - 2:10 P.M. Rod No. 788

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-9 To B.M. 9-10
Date 1-7-52
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
	5350	46.434 ✓	212	3528 ✓		5107	48.709 ✓	214	3524 ✓	
	5138		214			4893		211		
	4924		426 ✓			4682		425 ✓		
10	15412 ✓	5.137 ✓		3954 ✓		14682 ✓	4.894 ✓		3949 ✓	
	5768		215			6274		214		
	5553		213			6060		212		
	5340		428 ✓			5848		426 ✓		
11	16661 ✓	5.554 ✓		4382 ✓		18182 ✓	6.061 ✓		4375 ✓	
	5285		215			5888		215		
	5070		212			5673		213		
	4858		427 ✓			5460		428 ✓		
12	15213 ✓	5.071 ✓		4809 ✓		17021 ✓	5.674 ✓		4803 ✓	
	5588		215			6265		212		
	5373		213			6053		213		
	5160		428 ✓			5840		425 ✓		
13	16121 ✓	5.374 ✓		5237 ✓		18158 ✓	6.053 ✓		5228 ✓	
	5458		147			5889		142		
	5311		143			5747		145		
	5168		290 ✓			5602		287 ✓		
14	15937 ✓	5.312 ✓		5527 ✓		17238 ✓	5.746 ✓		5515 ✓	
		72.882 ✓					72.135 ✓			

F.B. 1375 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 H.F. NAUMANN Weather PART-CLOUDY Inst. No. 5001O
Notes by G.E. DREIER Time 1:00 - 2:10 P.M. Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-9 To B.M. 9-10
Date 1-7-52
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
	5061	72.882	221	5.527		5,625	77.135	222	5.515	
	4845		219			5403		220		
	4626		440			5,183		442		
15	14.537	4.846		5.967		16.211	5.404		5957	
	4.892		252			6.218		249		
	4.640		255			5.969		249		B.M. 9-10
	4.385		507			5720		498		SEE F.B. 1375 Pg. 14
16	13.917	4.639		6.474	62°	17.907	5.969		6455	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 9-9 TO B.M. 9-10
										TOTAL BACKSIGHTS + 82.367
										TOTAL FORESIGHTS - 88.508
										DIFF IN ELEVATION - 6141
		82.367					88.508			

F.B. 1375 PG. 58

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:10 TO 3:15 P.M. Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-10 To B.M. 9-9
Date 1-7-52
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.080		251		#7	4.750		251		B.M. 9-10
	5.829		251			4.499		250		SEE F.B. 1375 Pg. 14
	5.578		502 ✓			4.249		501 ✓		FOR DESCRIPTION
1	17.487 ✓	5.829 ✓	-	502 ✓	62°	13.498 ✓	4.499 ✓		501 ✓	
	5.614		222			5.055		222		T. E. LANDA
	5.392		220			4.833		221		
	5.172		442 ✓			4.612		443 ✓		
2	16.178 ✓	5.393 ✓		944 ✓		14.500 ✓	4.833 ✓		944 ✓	
	5.838		145			5.404		144		
	5.693		143			5.260		148		
	5.550 ✓		288 ✓			5.112 ✓		292 ✓		
3	17.081 ✓	5.694 ✓		1.232 ✓		15.776 ✓	5.259 ✓		1.236 ✓	
	6.266		213			5.590		215		
	6.053		213			5.375		215		
	5.840		426 ✓			5.160		430 ✓		
4	18.159 ✓	6.053 ✓		1.658 ✓		16.125 ✓	5.375 ✓		1.666 ✓	
	5.849		215			5.245		214		
	5.634		214			5.031		212		
	5.420		429 ✓			4.819		426 ✓		
5	16.903 ✓	5.634 ✓		2.087 ✓		15.095 ✓	5.032 ✓		2.092 ✓	
		28.603 ✓					24.998 ✓			

F.B. 1375 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 H.F. NAUMANN Weather CLEAR & WINDY Inst. No. 50010
Notes by G.E. DREIER Time 2:10 - 3:15 PM Rod No. 788

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-10 To B.M. 9-9
Date 1-7-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6,180	28.603	215	2087		5,670	21998	212	2.092	
	5.965		213			5.458		213		
	5.752		428			5.245		425		
6	17.897	5.966		2515		16.373	5.458		2517	
	5.080		212			5.325		214		
	4.868		213			5.111		211		
	4.655		425			4.900		425		
7	14.603	4.868		2940		15.336	5.112		2.942	
	5.562		211			5.268		215		
	5.351		212			5.053		213		
	5.139		423			4.840		428		
8	16.052	5.351		3363		15.161	5.054		3370	
	5.622		158			4.348		157		
	5.464		161			4.191		157		
	5.303		319			4.034		314		
9	16.389	5.463		3682		12.573	4.191		3.684	
										T.F. L&N. IN CONC. BASE OF THE MOST E'LY COR. OF TRANSMISSION TOWER # M5T3 MARKED B.M. L.C. 231
		50251					44813			

F.B. 1375 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 H.F. NAUMANN Weather CLEAR-BREEZY Inst. No. 50010
Notes by G.E. DREIER Time 2:10 - 3:15 P.M. Rod No. 788

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-10 To B.M. 9-9
Date 1-7-52
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
	4.470	50.251	157	3.682		5.769	44.813	159	3.684	
	4.313		154			5.610		160		
	4.159		311			5.450		319		
10	12.942	4.314		3.993		16.829	5.610		4.003	
	5.643		165			5.322		166		
	5.478		168			5.156		167		
	5.310		333			4.989		333		
11	16.431	5.477		4.326		15.467	5.156		4.336	
	5.659		216			5.570		210		
	5.449		213			5.360		208		
	5.230		429			5.152		418		
12	16.332	5.444		4.755		16.082	5.361		4.754	
	5.772		212			4.940		212		
	5.560		211			4.728		211		
	5.349		423			4.517		423		
13	16.681	5.560		5.178		14.185	4.728		5.177	
	5.709		214			5.331		211		
	5.495		213			5.120		211		
	5.282		427			4.909		422		
14	16.486	5.495		5.605		15.360	5.120		5.599	
		76.541					70.788			

F.B. 1375 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 H.F. NAUMANN Weather CLEAR-BREEZY Inst. No. 50010
Notes by C.E. DREIER Time 2:10 - 3:15 P.M. Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-10 To B.M. 9-9
Date 1-7-52
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
	5.732	76.541	213	5.605		4.962	76.788	212	5.599	
	5.519		214			4.750		211		
	5.305		427			4.539		423		
15	16.556	5.519		6.032		14.251	4.750		6.022	
	5.858		213			6.240		219		
	5.645		213			6.021		219		B.M. 9-9
	5.432		426			5.802		438		SEE F.B. 1375 Pg. 13
16	16.935	5.645		6.458	78°	18.063	6.021		6.460	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 9-10 TO B.M. 9-9
										TOTAL BACKSIGHTS + 87.705
										TOTAL FORESIGHTS − 81.559
										DIFF. IN ELEVATION + 6.146
		87.705					81.559			

F.B. 1375 PG. 62

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 H.F. NAUMANN Weather CLOUDY Inst. No. 50010
Notes by S. SHINODA Time 8:30-9:00AM Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From BM 9-10 To 9-11
Date 1-8-52
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
	5777		212		#7	5671		212		BM 9-10
	5565		212			5459		211		SEE F.B 1375 Pg. 14
	5353		424			5248		423		FOR DESCRIPTION
1	16695	5.565		424	46°	16378	5.459		423	
	4949		211			6237		215		
	4738		211			6022		211		T.G.E DREIER
	4527		422			5811		426		
2	14214	4738		846		18070	6.023		849	
	5012		213			6079		214		
	4799		211			5865		213		
	4588		424			5652		427		
3	14399	4800		1270		17596	5.865		1276	
	5193		211			6178		214		
	4982		211			5964		212		
	4771		422			5752		426		
4	14946	4982		1692		17894	5.965		1702	
	4951		215			5502		211		
	4736		216			5291		211		
	4520		431			5080		422		
5	14207	4736		2123		15873	5.291		2124	
		24821					28.603			

F.B. 1375 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 H. F. NAUMANN Weather CLOUDY Inst. No. 50010
Notes by S. SHIMODA Time 8:30 - 9:00 AM Rod No. 728

Name L.A. Co PRECISE LEVEL NET
Job No. 4929
From BM 9-10 To BM 9-11
Date 1-8-52
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
	5400	2482	212	2123		5846	28.603	215	2124	
	5188		212			5631		212		
	4976		424			5419		427		
6.	15564	5.188		2547		16896	5.632		2551	
	5260		212			5886		213		
	5048		213			5673		211		SUMMATION OF RUN
	4835		425			5462		424		BM 9-10 TO BM 9-11
7	15143	5.048		2972		17021	5.674		2975	
	5209		212			5811		211		TOTAL BACKSIGHTS +44.683
	4996		214			5600		210		~ FORESIGHTS -52.160
	4782		426			5390		421		DIFF. IN ELEVATION = 7.477
8.	14987	4.995		3398		16801	5.600		3396	
	4819		188			6835		185		
	4631		188			6650		183		B.M 9-11
	4443		376			6467		368		SEE F.B 1375 Pg. 15
9.	13893	4.631		3774	51°	19952	6.651		3764	FOR DESCRIPTION
		44.683					52.160			

F.B. 1375 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 H.F NAUMANN Weather CLEAR Inst. No. 50010
Notes by J SHINODA Time 10:30 - 11:05AM Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M 9-11 To B.M 9-10
Date 1-8-52
Indexed B. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod end Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6808		186		#7	4789		188		B.M 9-11
	6622		183			4601		188		SEE F.B 1375 PG. 15
	6439		369			4413		376		FOR DESCRIPTION
1	19869	6.623		369	57°	13803	4.601		376	
	5811		213			5208		213		
	5598		212			4995		213		T G.E. DREER
	5386		425			4782		426		
2	16795	5.598		794		14985	4.995		802	
	5879		211			5249		211		
	5668		211			5038		210		
	5457		422			4828		421		
3	17004	5.668		1216		15115	5.038		1223	
	5801		213			5359		213		
	5588		211			5146		214		
	5377		424			4932		427		
4	16766	5.589		1640		15437	5.146		1650	
	5511		213			4952		212		
	5298		212			4740		212		
	5086		425			4528		424		
5	15895	5.298		2065		14220	4.740		2074	
		28.776					24.500			

F.B. 1375 PG. 65

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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:30-11:05 AM Rod No. 7 & 8

Name L. A. Co. PRECISE LEVEL NET
Job No. 4923
From BM 9-11 To BM 9-10
Date 1-8-52
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
	6164	28.776	214	2065		5182	24.529	211	2074	
	5950		212			4971		212		
	5738		426			4759		423		
6	17852	5.951		2491		14912	4.971		2497	
	6098		214			5032		213		
	5884		213			4819		212		
	5671		427			4607		425		
7	17653	5.884		2918		14458	4.819		2922	
	6260		212			4977		211		
	6048		213			4766		210		SUMMATION OF RUN
	5885		425			4556		421		B.M 9-11 TO B.M 9-10
8	18143	6.048		3343		14299	4.766		3343	
	5705		212			5812		210		TOTAL BACKSIGHTS + 52.152
	5493		211			5602		211		" FORESIGHTS - 44.678
	5282		423			5391		421		DIFF. IN ELEVATION + 7.474
9	16480	5.493		3766	59°	16805	5.602		3764	
										B.M 9-10
										SEE F.B 1375 Pg. 14
										FOR DESCRIPTION
		52.152					44.678			

F.B. 1375 PG. 66

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:00-9:35AM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 492
From BM 9-11 To BM 9-12
Date 1-8-52
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
	7029		230		#7	5376		236		
	6799		229			5140		232		
	6570		459			4908		468		
1	20398	6.799		459	51°	15424	5.141		468	
	5591		212			5902		212		
	5379		212			5690		212		
	5167		424			5478		424		
2	16137	5.379		883		17070	5.690		892	
	5439		213			5799		212		
	5226		215			5587		214		
	5011		428			5373		426		
3	15676	5.225		1311		16759	5.586		1318	
	5407		214			5810		213		
	5193		211			5597		214		
	4982		425			5383		427		
4	15582	5.194		1736		16790	5.597		1745	
	4893		211			5072		213		
	4682		211			4859		212		
	4471		422			4647		425		
5	14046	4.682		2158		14578	4.859		2170	
		27.279					26.873			

F.B. 1375 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:00-9:35 AM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From BM 9-11 To BM 9-12
Date 1-8-52
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
	5829	27.279	214	2158		5469	26.873	213	2170	
	5615		212			5256		214		
	5403		426			5042		427		
6.	16847	5.616		2584		15767	5.256		2597	
	5418		215			5824		210		
	5203		215			5614		210		
	4988		430			5404		420		
7	15609	5.203		3014		16842	5.614		3017	
	5313		211			5597		214		
	5102		211			5383		212		SUMMATION OF RUN:
	4891		422			5171		426		B.M 9-11 TO B.M 9-12
8	15306	5.102		3436		16151	5.384		3443	
	5741		147			5385		147		TOTAL BACKSIGHTS +54.392
	5594		145			5238		147		~ FORESIGHTS -54.871
	5449		292			5091		294		DIF. IN ELEVATION -0.479
9	16784	5.595		3728		15714	5.238		3737	
	5749		152			6651		145		
	5597		152			6506		145		B.M 9-12 (CLEARWATER L-9)
	5445		304			6361		290		SEE F.B. 1375 Pg. 16
10.	16791	5.597		4032	56°	19518	6.506		4027	FOR DESCRIPTION
		54.392					54.871			

F.B. 1375 PG. 68

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:40-10:30AM Rod No. 788

Name L.A.Co. PRECISE LEVELING
Job No. 4923
From BM 9-12 To BM 9-11
Date 1-8-52
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
	6687		148		#7	5776		150		B.M 9-12 (CLEARWATER L-9)
	6539		148			5626		148		SEE F.B. 1375 Pg. 16
	6391		296			5478		298		FOR DESCRIPTION
1	19617	6539		296	56°	16880	5627		298	
	5379		147			5732		147		π GE DREHER
	5232		146			5585		145		
	5086		293			5440		292		
2	15697	5232		589		16757	5586		590	
	5623		213			5345		213		
	5410		212			5132		211		
	5198		425			4921		424		
3	16231	5410		1014		15398	5133		1014	
	5821		212			5411		212		
	5609		212			5199		212		
	5397		424			4987		424		
4	16827	5609		1438		15597	5199		1438	
	5491		212			5852		212		
	5279		211			5640		213		
	5068		423			5427		425		
5	15838	5279		1861		16919	5640		1863	
		28069					27185			

F.B. 1375 PG. 69

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 H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:40-10.30A Rod No. 788

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-12 To B.M. 9-11
Date 1-8-52
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
	5068	28.069	215	1.861		4890	27.185	211	1.863	
	4853		214			4679		211		
	4639		429			4468		422		
6	14560	4853		2290		14037	4679		2285	
	5800		212			5398		214		
	5588		213			5184		212		
	5375		425			4972		426		
7	16763	5588		2715		15554	5185		2711	
	5821		213			5458		213		
	5608		213			5245		213		
	5395		426			5032		426		SUMMATION OF RUN B.M. 9-12 TO B.M. 9-11
8	16824	5608		3141		15735	5245		3137	
	5903		213			5591		211		TOTAL BACKSIGHTS +54.895
	5690		212			5380		212		~ FORESIGHTS -54.418
	5478		425			5168		423		DIFF. IN ELEVATION +0.477
9	17071	5690		3566		16139	5380		3560	
	5321		234			6974		230		
	5087		235			6744		231		B.M. 9-11
	4852		469			6513		461		SEE F.B. 1375 Pg. 15
10	15260	5087		4035	57°	20231	6744		4021	FOR DESCRIPTION
		54.895					54.418			

F.B. 1375 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 H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 11:15 - 12:10 Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From BM 9-12 To BM 9-14
Date 1-8-52
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
	5.538		.059		#7	7.147		.059		B.M. 9-12 (CLEARWATER L-9)
	5.479		.059			7.088		.058		SEE F.B. 1375 Pg. 16
	5.420		1.18 ✓			7.030		1.17 ✓		FOR DESCRIPTION
1	16.437 ✓	5.479 ✓		1.18 ✓	58°	21.265 ✓	7.088 ✓		1.17 ✓	
										B.M. 9-13 (U.S. 194)
										SEE F.B. 1375 Pg. 16
										FOR DESCRIPTION
	7.248		.220			5.842		.213		T. E. LANDA
	7.028		.218			5.629		.213		
	6.810		4.38 ✓			5.416		4.26 ✓		
2	21.086 ✓	7.029 ✓		5.56 ✓		16.887 ✓	5.629 ✓		5.43 ✓	
	4.905		.212			5.286		.217		
	4.693		.210			5.069		.219		
	4.483		4.22 ✓			4.850		4.36 ✓		
3	14.081 ✓	4.694 ✓		9.78 ✓		15.205 ✓	5.068 ✓		9.79 ✓	
	5.458		.211			5.152		.212		
	5.247		.209			4.940		.212		
	5.038		4.20 ✓			4.728		4.24 ✓		
4	15.743 ✓	5.248 ✓		13.98 ✓		14.820 ✓	4.940 ✓		14.03 ✓	
		22.450 ✓					22.725 ✓			

F.B. 1375 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 H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by C.E. DREIER Time 11:15-12:10 Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-12 To B.M. 9-14
Date 1-8-52
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
	4.640	22.450	212	1.398		5.849	22.725	211	1.403	
	4.428		213			5.638		213		
	4.215		425			5.425		424		
5	13.283	4.428		1.823		16.912	5.637		1.827	
	4.782		212			5.170		212		
	4.570		212			4.958		213		
	4.358		424			4.745		425		
6	13.710	4.570		2.247		14.873	4.958		2.252	
	4.242		210			5.282		213		
	4.032		210			5.069		214		
	3.822		420			4.855		427		
7	12.096	4.032		2.667		15.206	5.069		2.679	
	4.444		212			5.539		210		
	4.232		212			5.329		210		
	4.020		424			5.119		420		
8	12.696	4.232		3.091		15.987	5.329		3.099	
	4.742		214			5.438		213		
	4.528		213			5.225		213		
	4.315		427			5.012		426		
9	13.585	4.528		3.518		15.675	5.225		3.525	
		40.240					48.943			

F.B. 1375 PG. 72

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:15 - 12:10 Rod No. 708

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-12 To B.M. 9-14
Date 1-8-52
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
	5040	44.240	220	3.518		8041	48.943	225	3525	
	4820		218			7.816		225		B.M. 9-14
	4602		438			7.591		450		SEE F.B. 1375 Pg. 14
10	14.462	4821		3956	60°	23.448	7.816		3.975	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 9-12 TO B.M. 9-14
										TOTAL BACKSIGHTS - 49.061
										" FORE SIGHTS - 56.759
										DIFF. IN ELEVATION - 7.698
										1600
										5,089
		49.061					56.759			

F.B. 1375 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..... 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. 1375 PG. 74

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 H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:00 - 2:10 P.M. Rod No. 768

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-14 To B.M. 9-12
Date 1-8-52
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
	8092		224			5.095		220		B.M. 9-14
	7.868		225			4.875		219		SEE F.B. 1375 Pg. 17
	7.643		449			4.656		439		FOR DESCRIPTION
1	23603	7.868		449	60°	14.626	4.875		439	
	5.439		211			4.744		215		T. E. LANDA
	5.228		215			4.529		211		
	5.013		426			4.318		426		
2	15680	5.227		875		13591	4.530		865	
	5.763		212			4.618		215		
	5.561		211			4.403		211		
	5.290		423			4.192		426		
3	16504	5.501		1.298		13213	4.404		1.291	
	5.368		213			4.332		212		
	5.155		211			4.120		212		
	4.943		424			3.908		424		
4	15466	5.155		1.722		12360	4.120		1.715	
	5.138		215			4.748		213		
	4.927		213			4.535		213		
	4.710		428			4.322		426		
5	14771	4.924		2.150		13605	4.535		2.141	
		28.675					22.464			

F.B. 1375 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 M.E. NAUMANN Weather CLEAR Inst. No. 50910
Notes by G.E. DREIER Time 1:00 - 2:10 P.M. Rod No. 788

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-14 To B.M. 9-12
Date 1-8-52
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
	5.838	28.675 ✓	210	2150 ✓		4.629	22.464 ✓	212	2.141 ✓	
	5.628		210			4.417		213		
	5.418 ✓		420 ✓			4.204 ✓		425 ✓		
6	16.884 ✓	5.628 ✓		2570 ✓		13.250 ✓	4.417 ✓		2.566 ✓	
	5.318		210			5.622		212		
	5.108		212			5.410		210		
	4.896 ✓		422 ✓			5.200 ✓		422 ✓		
7	15.322 ✓	5.107 ✓		2.992 ✓		16.232 ✓	5.411 ✓		2988 ✓	
	5.349		218			4.970		211		
	5.131		219			4.759		211		
	4.912 ✓		437 ✓			4.548 ✓		422 ✓		
8	15.392 ✓	5.131 ✓		3.429 ✓		14.277 ✓	4.759 ✓		3.410 ✓	
	5.738		208			7.153		224		
	5.530		210			6.931		222		
	5.320 ✓		418 ✓			6.709 ✓		446 ✓		
9	16.588 ✓	5.529 ✓		3847 ✓		20.795 ✓	6.932 ✓		3.856 ✓	
										B.M. 9-13 (U.S. 194) SEE F.B. 1375 Pg. 16 FOR DESCRIPTION
		50.070 ✓					43983 ✓			

F.B. 1375 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 H.F. NAHMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1.00 - 2:10 P.M. Rod No. 788

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-14 To B.M. 9-12
Date 1-8-52
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
	7.145	50.070 ✓	058	3847		5.537	43.983 ✓	059	3.856 ✓	B.M. 9-12 (CLEARWATER L-9)
	7.087		058			5.478		059		SEE F.B. 1375 Pg. 12
	7029		116 ✓			5419		118 ✓		FOR DESCRIPTION
10	21.261 N	7.087 N		3.963	58°	16.434 ✓	5.478 ✓		3.974 ✓	
										SUMMATION OF RUN
										B.M. 9-14 TO B.M. 9-12
										TOTAL BACKSIGHTS + 57.157 ✓
										" FORESIGHTS - 49.461 ✓
										DIFF IN ELEVATION + 7.696 ✓
				3.964					3.974	
		57.157 ✓					49.461 ✓			

F.B. 1375 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..... 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. 4375 PG. 78

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 2:20-3:00 P.M. Rod No. 788

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-14 To B.M. 9-15
Date 1-8-52
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
	7.528		243			5.498		242		B.M. 9-14
	7.285		242			5.256		244		SEE F.B. 1375 Pg. 17
	7.043		485			5.012		486		FOR DESCRIPTION
1	21.856	7.285		.485	58°	15.766	5.255		486	
	5.383		213			5.218		215		TO E. LANDA
	5.170		210			5.003		213		
	4.960		423			4.790		428		
2	15.513	5.171		908		15.011	5.004		914	
	5.100		215			5.178		213		
	4.885		215			4.965		213		
	4.670		430			4.752		426		
3	14.655	4.885		1.338		14.895	4.965		1.340	
	4.912		212			5.238		211		
	4.700		213			5.027		210		
	4.487		425			4.817		421		
4	14.099	4.700		1.763		15.082	5.027		1.761	
	5.323		213			5.078		215		
	5.110		211			4.863		212		
	4.899		424			4.651		427		
5	15.332	5.111		2.187		14.592	4.864		2.188	
		27.152					25.115			

F.B. 1375 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 H.F. NAUMANN Weather CLEAR Inst. No. S-6010
Notes by G.E. DREIER Time 2:20 TO 3:00 P.M. Rod No. 7 & 8

Name L.A. Co PRECISE LEVEL NET
Job No. 4923
From B.M. 9-14 To B.M. 9-15
Date 1-8-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.089	27.152	214	2.187		5.442	25.115	214	2.188	
	4.875		213			5.228		214		
	4.662		427			5.014		428		
6	14.626	4.875		2.614		15.684	5.228		2.616	SUMMATION OF RUN B.M. 9-14 TO B.M. 9-15
	5.502		213			5.868		215		
	5.289		211			5.653		213		TOTAL BACKSIGHTS + 47.498
	5.078		424			5.440		428		" FORESIGHTS - 48.614
7	15.869	5.290		3.038		16.961	5.654		3.044	DIFF IN ELEVATION - 1.116
	5.249		217			5.690		212		
	5.032		214			5.478		213		
	4.818		431			5.265		425		
8	15.099	5.033		3.469		16.433	5.478		3.469	
	5.370		222			7.366		221		
	5.148		222			7.139		221		B.M. 9-15
	4.926		444			6.918		442		SEE F.B. 1375 Pg. 18
9	15.444	5.148		3.913	58°	21.417	7.139		3.911	FOR DESCRIPTION

F.B. 1375 PG. 80

47.498

48.614

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 9:15 - 10:00 AM Rod No. 7 & 8

Name L.A. Co. Precise Level Net
Job No. 4923
From BM 9-15 To BM 9-14
Date 1-9-52
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
	7.308		222		#7	5.318		225		
	7.086		220			5093		222		BM 9-15
	6.866		442			4871		447		SEE FB. 1375 PG. 18
1	21.260	7.087		442	47°	15.282	5.094		447	FOR DESCRIPTION
	5.625		213			5.185		215		
	5.412		212			4.970		212		A.E. LANDA
	5200		425			4.758		427		
2	16.237	5.412		867		14.913	4.971		874	
	5.894		214			5.528		214		
	5.680		212			5.314		213		
	5.468		426			5.101		427		
3	17.042	5.681		1293		15943	5.314		1301	
	5.586		213			5.236		214		
	5.373		213			5.022		212		
	5.160		426			4.810		426		
4	16.119	5.373		1719		15.068	5.023		1727	
	5.102		213			5.342		212		
	4.889		215			5.130		210		
	4.674		428			4.920		422		
5	14.665	4.888		2147		15.392	5.131		2.149	
		28.441					25.533			

F.B. 1375 PG. 9

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 H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 9:15-10:00 AM Rod No. 788

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-15 To B.M. 9-14
Date 1-8-52
Indexed A.C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.428	28.441	210	2.147		5.102	25.533	212	2.149	
	5.218		211			4.890		211		
	5.007		421			4.679		423		SUMMATION OF RUN
6	15.653	5.218		2.568		14.671	4.890		2.572	B.M. 9-15 TO B.M. 9-14
	5.188		213			5.108		214		
	4.975		213			4.894		214		TOTAL BACKSIGHTS +48.746
	4.762		426			4.680		428		TOTAL FORESIGHTS -47.626
7	14.925	4.975		2.994		14.682	4.894		3.000	DIFF IN ELEVATION +1.120
	5.203		213			5.368		210		
	4.990		214			5.158		210		
	4.776		427			4.948		420		
8	14.969	4.990		3.421		15.474	5.158		3.420	
	5.368		247			7.392		242		
	5.121		243			7.150		239		B.M. 9-14
	4.878		490			6.911		481		SEE F.B. 1375 Pg. 17
9	15.367	5.122		3.911	52°	21.453	7.151		3.901	FOR DESCRIPTION
		48.746					47.626			

F.B. 1375 PG. 82

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 H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHIMODA Time 3:00-3:30 P.M. Rod No. 788

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-15 To B.M. P-34
Date 1-8-52
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
	6317		214		#7	6131		214		B.M. 9-15
	6103		213			5917		213		SEE F.B. 1375 PG. 18
	5890		427			5704		427		FOR DESCRIPTION
1	18310	6.103		427	58°	17752	5.917		427	
	5099		235			5950		191		X G.E. DEALER
	4864		233			5759		190		
	4631		468			5569		381		
2	14594	4.865		895		17278	5.759		808	
	5172		192			5928		234		
	4980		193			5694		232		
	4787		385			5462		466		
3	14939	4.980		1280		17084	5.695		1274	
	5180		213			5885		213		
	5067		213			5672		212		
	4954		426			5460		425		
4	15201	5.067		1706		17017	5.672		1699	
	5129		211			5798		215		
	5018		211			5583		212		
	4807		422			5371		427		
5	15054	5.018		2128		16752	5.584		2126	
		26.033					28.627			

F.B. 1375 PG. 83

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H F NAUMANN Weather CLEAR Inst. No. 50010
Notes by S SHINODA Time 3:00 - 3:30 P.M. Rod No. 7 E B

Name L A Co PRECISE LEVEL NET
Job No. 4923
From BM 9-15 To BM 8 34
Date 1-8-52
Indexed B 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
	5109	26.033	211	2128		5856	28.627	215	2126	
	4898		214			5641		213		
	4694		423			5428		428		
6	14691	4897		2553		16925	5.642		2554	
	5290		212			5897		214		
	5078		213			5683		212		SUMMATION OF RUN
	4865		425			5471		426		BM 9-15 TO BM 8-34
7	15233	5.078		2978		17051	5.684		2980	
	5383		223			5940		221		TOTAL BACKSIGHTS +46.509
	5160		221			5719		220		" FORESIGHTS -51.963
	4939		444			5499		441		DIFF. IN ELEVATION -5.454
8	15482	5.161		3421		17158	5.719		3421	
	5562		222			4513		222		
	5340		222			6291		222		BM 8-34
	5118		444			6069		444		SEE F.B 1209-29
9	16020	5.340		3866	56°	18873	6.291		3865	FOR DESCRIPTION
		46.509					51.963			

F.B. 1375 PG. 84

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 H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:40-9:10AM Rod No. 7 E B

Name L.A. CO. PRECISE LEVELNET
Job No. 4923
From BM 8-34 To BM 9-15
Date 1-9-52
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
	6487		224		#7	5528		223		BM 8-34
	6263		222			5305		223		SEE F.B. 1099-29
	6041		446			5082		446		FOR DESCRIPTION
1	18791	6.264		446	46°	15915	5.305		446	
	5943		221			5389		224		
	5722		220			5165		222		T.G.E. DREHER
	5502		441			4943		446		
2	17167	5.722		887		15497	5.166		892	
	5951		212			5344		213		
	5739		212			5131		213		
	5527		424			4918		426		
3	17217	5.739		1311		15393	5.131		1318	
	5927		214			5182		212		
	5713		213			4970		212		
	5500		427			4758		424		
4	17140	5.713		1738		14910	4.970		1.742	
	5803		213			5230		211		
	5590		214			5019		211		
	5376		427			4808		422		
5	16769	5.590		2165		15057	5.019		2164	
		29028					25591			

F.B. 1575 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 H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:40-9:10 AM Rod No. 7 & 8

Name L.A.Co. PRECISE LEVELNET
Job No. 4923
From B.M 8-34 To B.M 9-15
Date 1-9-52
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
	5865	29.028	214	2165		5259	25.591	212	2164	
	5651		213			5047		212		
	5438		427			4835		424		
6	16954	5.651		2592		15141	5.047		2588	
	5943		212			5227		215		
	5731		212			5012		212		SUMMATION OF RUN
	5519		424			4800		427		B.M 8-34 TO B.M 9-15
7	17193	5.731		3016		15039	5.013		3015	
	5960		190			5112		233		TOTAL BACKSIGHTS +52.254
	5770		190			4879		234		FORESIGHTS -46.789
	5580		380			4645		467		DIFF IN ELEVATION +5.465
8	17310	5.770		3396		14638	4.879		3482	
	6305		232			6455		196		
	6073		230			6259		196		B.M 9-15
	5843		462			6063		392		SEE F.B. 1375 Pg. 18
9	18221	6.074		3858	47°	18777	6.259		3874	FOR DESCRIPTION
		52.254					46.789			

F.B. 1375 Pg. 18

765420 353 3-51

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

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

Do not extend notes this side of this line

NOTES RED. DATE
NOTES CHKD. DATE
NOTES BY DATE
INDEXED DATE

JOB NO. 0301.02 SURVEY OF Precise Level & R.M.s to B.M. 9-6 To B.M. 9-6 (To Be Removed)
SURVEY BY Eng. Ed
DATE 10-6-56
OCT 19 '56

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
R.M.s for B.M. 9-6 (BM #5)						
						(B.M. #5)
B.M. 9-6	60.159					B.M. 9-6, el.= 60.159, F.B. 1375-10
	5898		5788			Studebaker Rd. & Artesia Blvd.
⊼	66.057	+1.432	+1.430			100' W. & 11' N. of St. Ms
	4466		4358			In a well protected by a cover
						marked: County Surveyor. Mon.
						A conc. mon. with a brass
						cap marked: County Surveyor
						9-6, R.E. 63 & 1951
9-6A FEB						
R.M. #1	61.591					R.M. #1
	4290		4188			Studebaker Rd. & Artesia Blvd.
⊼	65.831	1.430	1.431			41' N. & 19' E. of St. Ms
Not used on 8-6 drive	5670		5619			Bt. Spk. in cts conc. S.E.
						H-wall.
B.M. 9-6	60.161					
B.M. 9-6	60.159					B.M. 9-6, el.= 60.159
	6091		5941			(Same Desc. as shown above)
⊼	66.250	+1.603	+1.602			
9-6B FEB.	4488		4339			
R.M. #2	61.762					R.M. #2
	4228		4549			Studebaker Rd & Artesia Blvd.
⊼	65.990	-1.602	-1.603			160' N. & 55' W. of St. Ms
	5830		6152			Bt. Spk. in conc. Pr. 1' S of
						N. edge Dr. To. Ho. #17323
						for new description see F.B. 3705 p. 22 (Will J.V.)
B.M. 9-6	60.160					B.M. 9-6, el.=60.159
						(same desc. as shown above)

F. B. 1375 PG. 88

JOB NO. ______ SURVEY OF ______ NOTES RED. ______
SURVEY BY ______ DATE ______
NOTES BY ______ DATE ______ NOTES CHKD. ______
INDEXED ______ DATE ______ DATE ______

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

Do not extend notes this side of this line

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

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

76S420 353 3-51

76F3095 247 2-51

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

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

Do not extend notes this side of this line.

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

Survey of
W. O. Tape No. S'd. °F
Surveyed by
Notes Date
Indexed

E. S. Pg.

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

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

Do not extend notes this side of this line.

F. B. _____ PG. _____

Notes Ck'd by	Survey of L.A. Co. Precise Level Net F.B. 1372 Pg. 125
Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by H.F. Naumann
Checked	Notes G.E. Dreier Date Jan '52
Date	Indexed C. Johnson 2-19-52

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.

LINE #10

L.A. Co. Precise Level Net

Job #4923

H.F. Naumann
G.E. Dreier
E. Landa
M. Sonnenschein
S. Shinoda
T. Ohashi

SEE F.B. 2981
FOR ADDITIONAL B.M.S.
SET ALONG THIS
LINE.
9-18-62
C. Lin

78F3095 247 2-51

F.B. 1375 PG. 126

B.M 10-1 (SIERRA MADRE B-12)

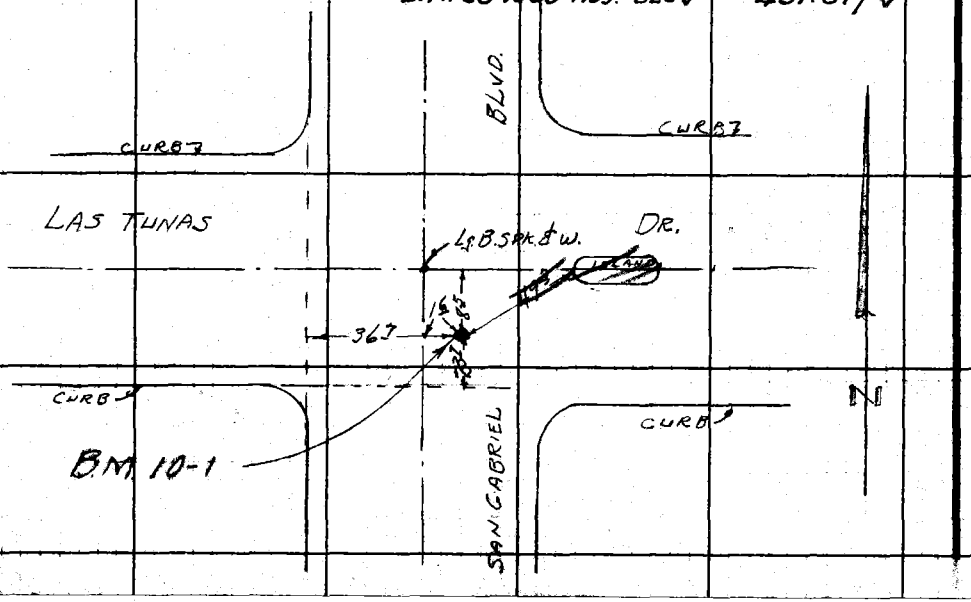
THIS STATION IS IN THE COUNTY OF LOS ANGELES NEAR THE EASTERLY LIMITS OF THE CITY OF SAN GABRIEL, IN THE INTERSECTION OF LAS TUNAS DR. AND SAN GABRIEL BLVD., 36.7 FT. EASTERLY FROM THE WESTERLY CURB LINE OF SAN GABRIEL BLVD., AND 23.7 FT. NORTHERLY FROM THE SOUTHERLY CURB LINE OF LAS TUNAS DR. (WESTERLY FROM SAN GABRIEL 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 TRAVERSE STATION SIERRA MADRE B-12 R.E. 2177 SET BY COUNTY SURVEYOR 1940," WAS SET IN CONCRETE, 4 INCHES ~~BELOW THE SUBGRADE OF STREET.~~ on.

W.V. Vogel 1-3-66

L.A. CO. 1952 ADJ. ELEV. = 431.876 ✓

L.A. CO 1953 ADJ. ELEV = 431.817 ✓



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
Map No.
Office Work
Checked
Date

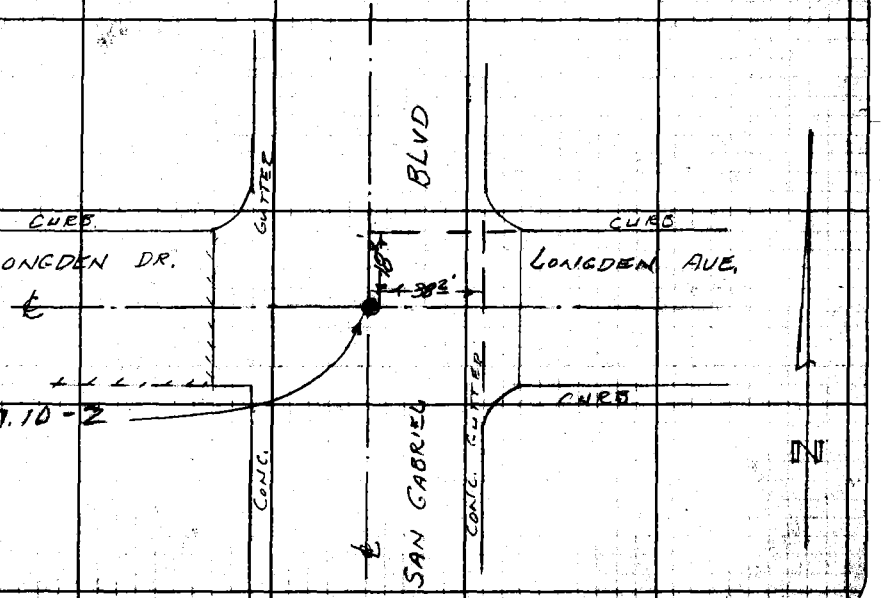
Survey of L.A. Co. Precise Level Net — F. B. 1335 Pg. 127
W. O. 4923 Tape No. St'd. °F
Surveyed by H.E. Naumann
Notes G.E. Dreier Date Jan 52
Indexed E. C. Johnson

B.M. 10-2

SAN GABRIEL BLVD. AND LONGDEN AVE., ℄ INTERSECTION. A STANDARD L.A. COUNTY ROAD DEPT. MONUMENT MARKED "CO. L.A. ROAD" SET IN CONCRETE 7 INCHES BELOW THE SURFACE IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "L.A. COUNTY ROAD DEPT."

L.A. CO. 1952 ADJ. ELEV. = 483.319
L.A. CO. 1953 ADJ. ELEV. = 483.267

18± S. of N curb line produced from East, 38± W of E. curb line.
(W. Voge 1-3-66.)



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
724 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51

F.B. 1375 PG. 128

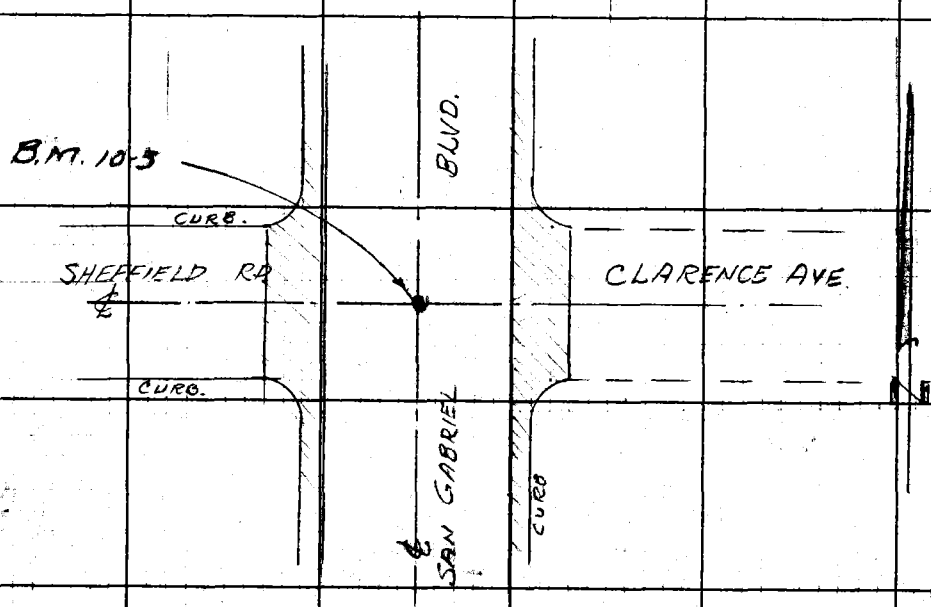
B.M. 10-3

SAN GABRIEL BLVD AND SHEFFIELD RD, CLARENCE AVE. ℄ INTERSECTION, A STANDARD L.A COUNTY ROAD DEPT. MONUMENT MARKED "CO L.A ROAD" SET IN CONCRETE 6 INCHES BELOW THE SURFACE IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "L.A COUNTY ROAD DEPT."

L.A. CO. 1952 ADJ. ELEV. = 504.674 ✓

L.A. CO. 1953 ADJ. ELEV. = 504.621 ✓

for new description
See PB 3769-13
W. Vaye 1-10-66



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 H.F. Naumann
Checked	Notes G.E. Dreier Date Jan '52
Date	Indexed C. Johnson

F.B. 1375 Pg. 129

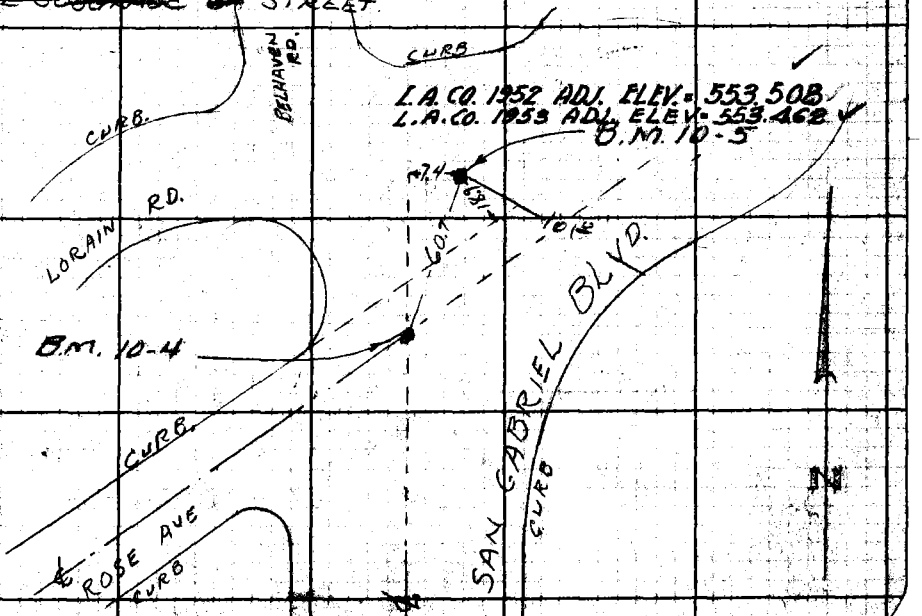
SAN GABRIEL BLVD AND ROSE AVE, AT P.I. OF CURVE ON SAN GABRIEL BLVD AND ℄ OF ROSE AVE, A STANDARD 2½" COUNTY SURVEYOR MONUMENT MARKED "P.I. RE 329" SET IN CONC. 8 INCHES BELOW THE SURFACE IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

L.A. CO. 1952 ADJ. ELEV. = 553.363
L.A. CO. 1953 ADJ. ELEV. = 553.317

B.M. 10-5 (SIERRA MADRE B-10)

THIS STATION IS IN THE CITY OF SAN MARINO IN THE INTERSECTION OF LORAIN RD, SAN GABRIEL BLVD., AND ROSE AVE., 18.9 FT NORTHWESTERLY FROM THE NORTH CURB LINE OF ROSE AVE., PRODUCED NORTHEASTERLY AND 101.1 FT. NORTHWESTERLY FROM THE SOUTHEASTERLY CURB OF SAN GABRIEL 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 TRAVERSE STATION SIERRA MADRE B-10 R.E. 2177 SET BY COUNTY SURVEYOR 1940," WAS SET IN CONCRETE 10" INCHES BELOW ~~THE SUBGRADE OF~~ STREET.



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.

76F3098 247 2-51

F.B. 1395 PG. 130

B.M. 10-6

SAN GABRIEL BLVD AND LOMBARDY RD, S.W. COR. A 3½" STANDARD COUNTY SURVEYOR ~~BUTTON~~ MONUMENT, MARKED "BM. 10-6 1952 RE. 63", SET IN CONC 7" INCHES BELOW THE SURFACE, 5.4 EASTERLY FROM ~~A BRASS PLUG~~ W. CURB OF SAN GABRIEL BLVD., AND 30.0 FEET SOUTHERLY FROM THE SOUTH CURB OF LOMBARDY RD. PRODUCED EASTERLY, IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT".

W. Voge 1-4-66

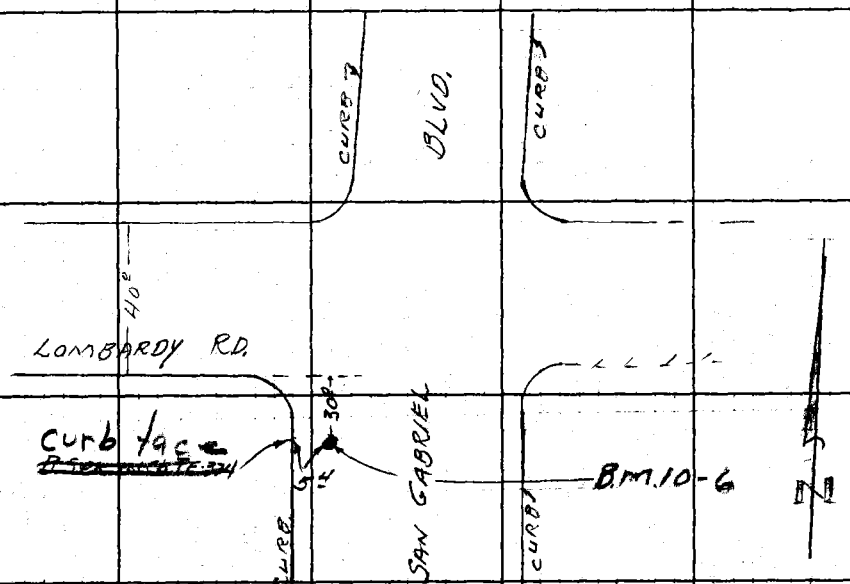
L.A.CO. 1952 ADJ. ELEV. 651.241 ✓

L.A.CO. 1953 ADJ. ELEV. 651.209 ✓

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

Do not extend notes this side of this line.

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



Notes Ck'd by	Survey of Co. Precise Level Net
Map No.	W. O. 4823 Tape No. St'd. °F
Office Work	Surveyed by H. F. Naumann
Checked	Notes G. E. Dreier Date Jan '52
Date	Indexed R. C. Johnson

F.B. 1375 Pg. 131

BM 10-7

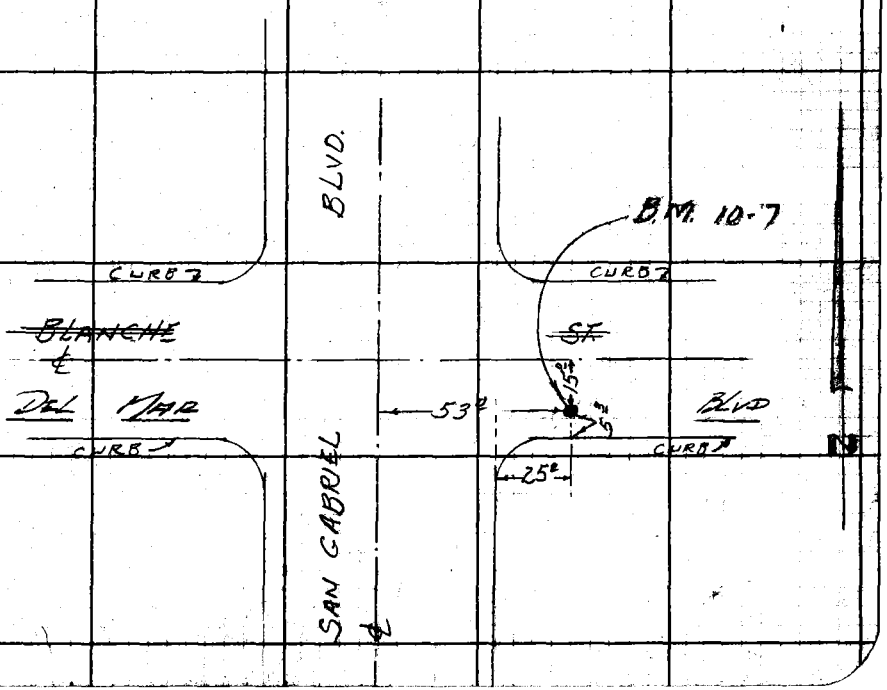
San Gabriel Blvd and ~~Blanche St.~~ Del Mar. Blvd., S.E. corner, a standard 2½" County Surveyor button Monument, marked "BM 10-7 1952 R.E. 63." Set in concrete 10 inches below the surface, 53.0 ft easterly from the ℄ of San Gabriel Blvd and 15.0 ft southerly from the ℄ of ~~Blanche St.~~ Del Mar Blvd in a well cut through the pavement and protected by a cast iron cover marked "County Surveyor Monument."

L.A. CO. 1952 ADJ. ELEV. = 692.116 ✓

L.A. CO. 1953 ADJ. ELEV = 692.084 ✓

B.M. 10-7 Not recovered, Set 7A, See F.B. 3709-23

J. B. Randall 18-Feb-'71



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.

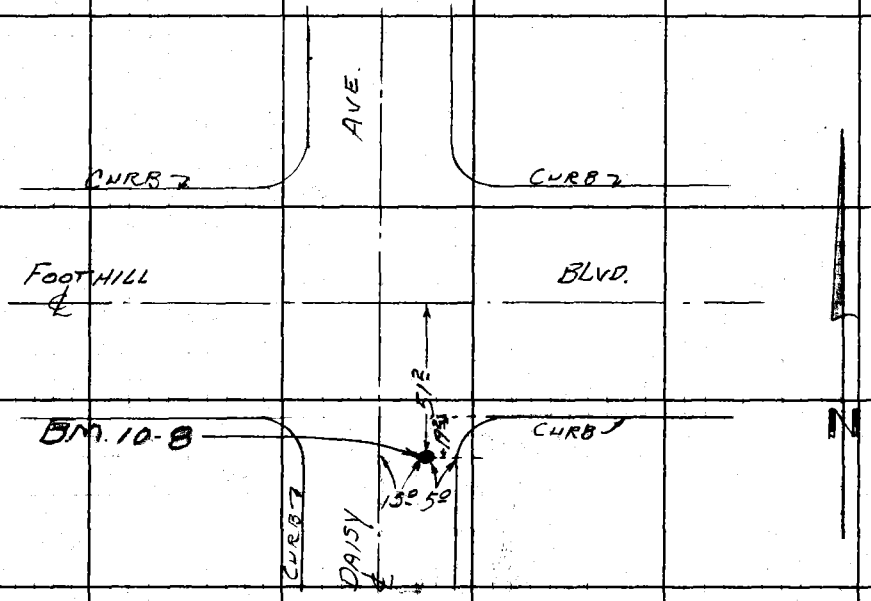
75F3095 247 2-51

F.B. 1375 PG. 132

BM 10-8

FOOTHILL BLVD. AND DAISY AVE. S.E. CORNER
A STANDARD 2½" COUNTY SURVEYOR button MONUMENT
MARKED "B.M. 10-8 1952 R.E.63" SET IN
CONCRETE 10 INCHES BELOW THE SURFACE, 51.2
SOUTHERLY FROM THE ℄ OF FOOTHILL BLVD.
AND 15.0 FT EASTERLY FROM THE ℄ OF DAISY
AVE., IN A WELL CUT THROUGH THE PAVEMENT
AND PROTECTED BY A CAST IRON COVER
MARKED "COUNTY SURVEYOR MONUMENT".

L.A.CO. 1952 ADJ. ELEV. = 738.263 ✓
L.A.CO. 1953 ADJ. ELEV. = 738.243 ✓



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 Co. PRECISE LEVEL NET	F. B. 1375 Pg. 133
Map No.		W. O. 4523 Tape No.	St'd. °F
Office Work		Surveyed by H.F. NAUMANN	
Checked		Notes G.E. DREIER Date JAN '52	
Date		Indexed R. C. Johnson	

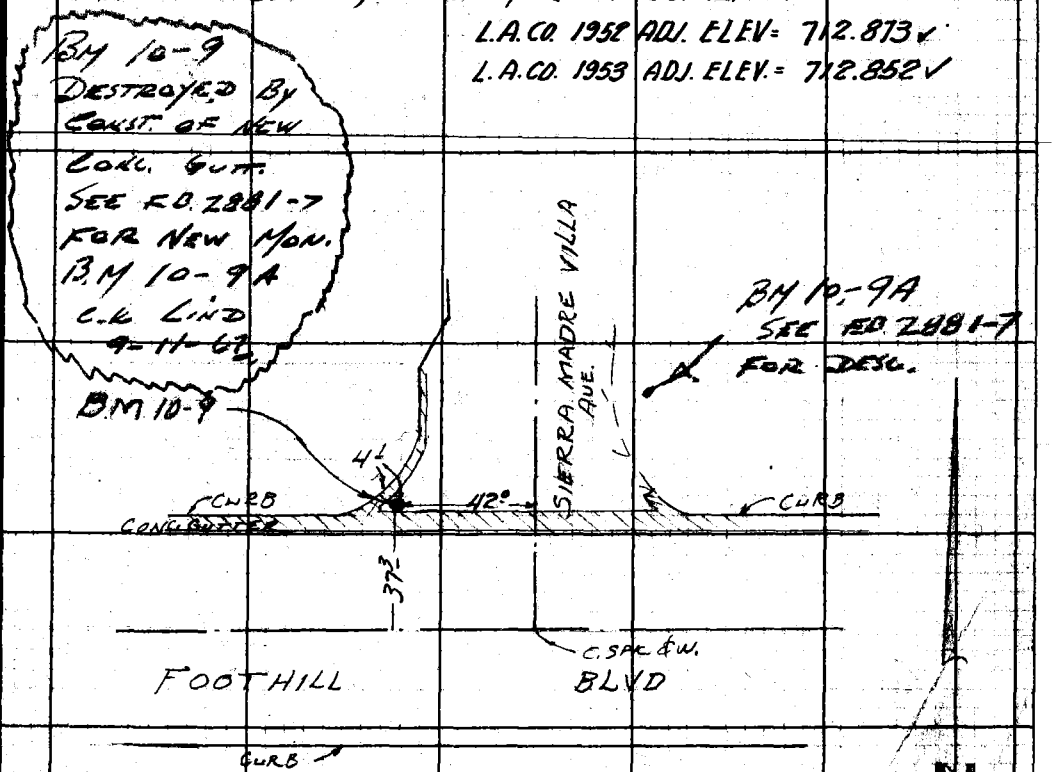
B.M. 10-9

FOOTHILL BLVD. AND SIERRA MADRE VILLA AVE., N.W. CORNER, A STANDARD COUNTY SURVEYOR MONUMENT, MARKED "BM 10-9 1952 R.E. 63", SET IN CONCRETE 10 INCHES BELOW THE SURFACE, 37.3 FT. NORTHERLY FROM THE ℄ OF FOOTHILL BLVD. AND 42.0 FT WESTERLY FROM THE ℄ OF SIERRA MADRE VILLA AVE. IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

L.A.CO. 1952 ADJ. ELEV. = 712.873 ✓

L.A.CO. 1953 ADJ. ELEV. = 712.852 ✓

BM 10-9 DESTROYED BY CONST. OF NEW CONC. GUT. SEE F.D. 2881-7 FOR NEW MON. B.M. 10-9A C.L. LIND 9-11-62



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
720 Los Angeles County
ENGINEERING BLDG.

78F3095 247 2-51

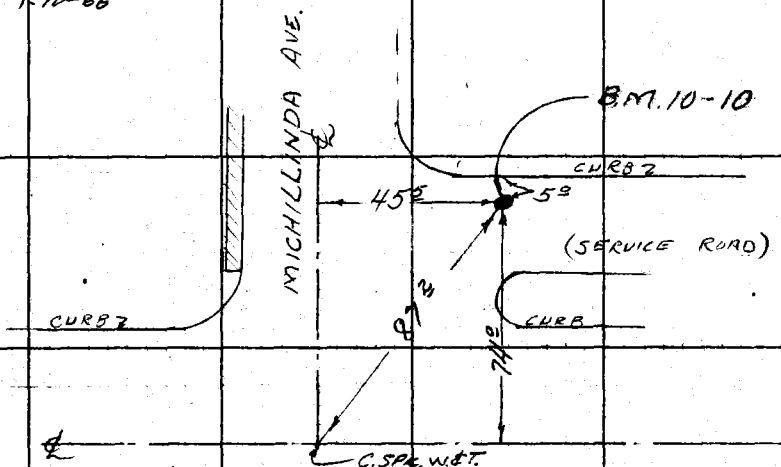
F. B. 1375 PG. 134

B.M. 10-10

FOOTHILL BLVD AND MICHILLINDA AVE
N.E CORNER, A STANDARD COUNTY SURVEYOR
MONUMENT. MARKED B.M 10-10 1952
R.E 63" SET IN CONCRETE 10 INCHES BELOW
THE SURFACE, 74.0 FT NORTERLY FROM THE
℄ OF FOOTHILL BLVD AND 45.5 FT EASTERLY
FROM THE ℄ OF MICHILLINDA AVE., IN A
WELL CUT THROUGH THE PAVEMENT AND
PROTECTED BY A CAST IRON COVER MARKED
"COUNTY SURVEYOR MONUMENT"

L.A.CO. 1952 ADJ. ELEV: 677.078
L.A.CO. 1953 ADJ. ELEV: 677.064
See also Pg 134-A

for new description
See RD 3709-33
W. Vole 1-10-66



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.

F.B. 1375 PG. 134

NOTES RED. JOB NO. SURVEY OF
DATE SURVEY BY L. L. BROWN
NOTES CHKD. NOTES BY L. L. BROWN DATE 5-21-70
DATE INDEXED DATE

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
TRANSFER OF ELEV. FROM B.M. 10-10 TO B.M. NO. 1 B.M. 10-10 TO BE DESTROYED BY CONSTRUCTION OF NEW ROAD.						
			PARTY BROWN, L.L. WALSH, M. BOXETH, D CREASON, G.			

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

Do not extend notes this side of this line

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

768420 S & E-353 4-54

76S420 S & E-353 4-54

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

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

Do not extend notes this side of this line

JOB NO. _____ SURVEY OF _____ NOTES RED. _____
SURVEY BY L.L. BROWN DATE _____
NOTES BY L.L. BROWN DATE 5-21-70 NOTES CHKD. _____
INDEXED _____ DATE _____ DATE _____

F.B. 1375 PG. 134-B

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.
B.M. 10-10	677 064				
+	6 115		6 199		
Σ	683 179	+5 397	+5 400		
(GET) −	0 718		0 799		
B.M. NO. 1	682 461				
+	0 660		0 760		
Σ	683 121	-5 401	-5 400		
−	6 061		6 160		
B.M. 10-10	677 060				

DESCRIPTION

B.M. 10-10 EL. 677.064 (1953 ADJ. ELEV.)
F.B. 1375-134, F.B. 3709-33
FOR DESC. SEE BELOW

B.M. NO. 1 ELEV. F.B.
MICHILLINDA AVE. & FOOTHILL BLVD. N.W. COR.
BT. SPK. IN LD. 106' ± N. OF N.C.R. ON W.
SIDE OF MICHILLINDA AVE.
B.M. 10-10 EL. 677.064 (1953 ADJ. ELEV.)
F.B. 1375-134, F.B. 3709-33 FOOTHILL BLVD.
& MICHILLINDA AVE., N.E. COR. IN PRIVATE RD.
15± E. OF E. CURB LINE OF MICHILLINDA AV.
& 39± N. OF N. CURB OF FOOTHILL BLVD.
A C.S. MON. MARKED B.M. 10-10 1952
R.E. 63 IN WELL & COVER MARKED COUNTY
SURVEYOR MONUMENT.

F.B. 1375 Pg. 135

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

Survey of L.A.Co. Precise Level Net
W. O. 4923 Tape No. St'd. °F
Surveyed by H.F. Naumann
Notes G.E. Dreier Date Jan 52
Indexed C. Johnson

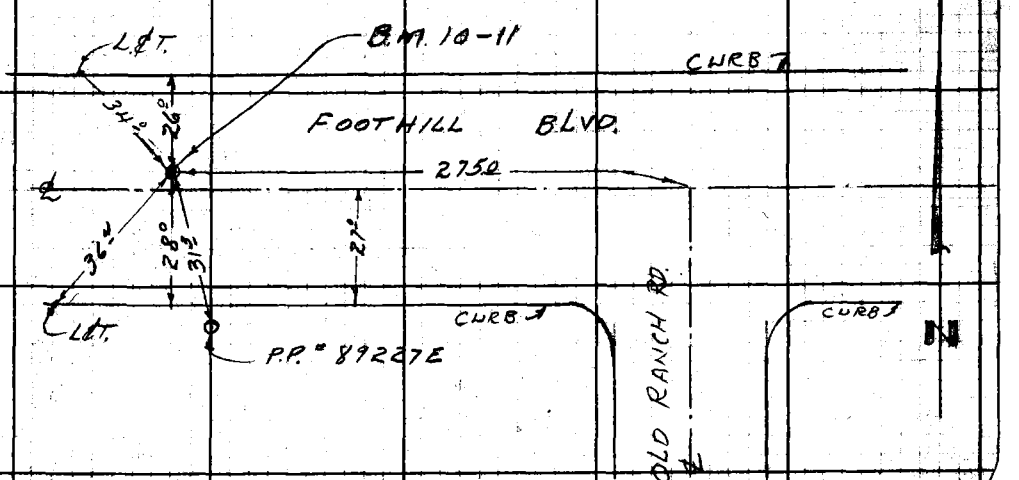
B.M. 10-11 (Sierra Madre F 6)

THIS STATION IS IN FOOTHILL BLVD., ABOUT 0.8 MI SOUTH OF THE CITY OF SIERRA MADRE, ABOUT 0.15 MI WEST OF BALDWIN AVE., 26.0 FT SOUTHERLY FROM THE NORTERLY CURB OF FOOTHILL BLVD., 28.0 FT NORTHERLY FROM THE SOUTHERLY CURB OF FOOTHILL BLVD. AND 275.0 FT WESTERLY FROM THE APPROXIMATE CENTER LINE OF PAVEMENT IN ~~SANTA FE AVE.~~ OLD RANCH RD., 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 F-6 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. 651.016 ✓
L.A. CO. 1953 ADJ. ELEV. 651.012 ✓

MON. DESTROYED BY S.D. CONST. 9-10-62 C. LIND



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. 1375 PG. 136

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.

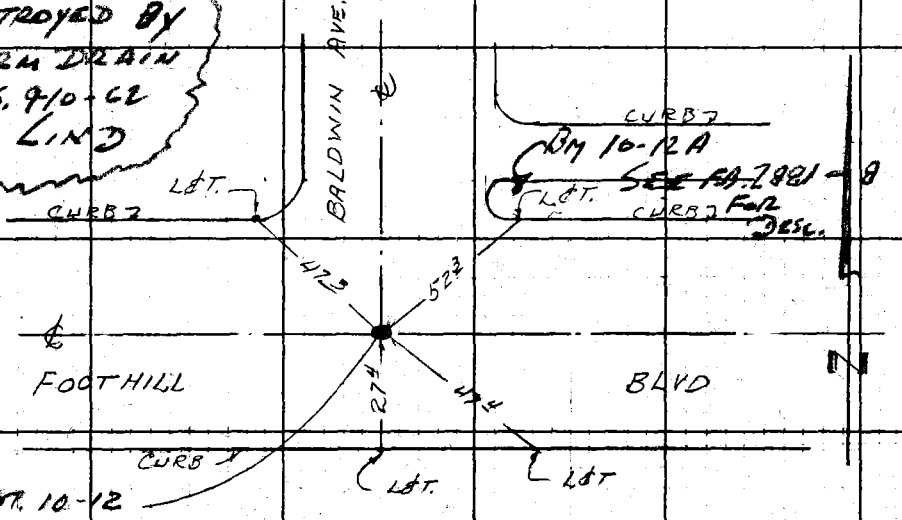
B.M 10-12 (SIERRA MADRE F-6A)

THIS STATION IS IN THE INTERSECTION OF BALDWIN AVE. AND FOOTHILL BLVD., ABOUT 0.8 MI. SOUTH OF THE CITY OF SIERRA MADRE, 27.37 FT NORTHERLY FROM A LEAD AND TACK IN THE SOUTHERLY CURB FOOTHILL BLVD. ON THE APPROXIMATE CENTER LINE OF BALDWIN AVE., PRODUCED SOUTHERLY, AND 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 F-6A 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. = 633.463'
L.A. CO. 1953 ADJ. ELEV. = 633.463

B.M 10-12
DESTROYED BY
STORM DRAIN
CONS. 9/10-62
C. LIND



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 H.E. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:30 - 11:20 AM Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From BM 1-28 To BM 10-1
Date 1-10-52
Indexed A. C. Tobiason

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
	7081		299		#1	4089		300		BM 1-28 (USC&GS) (S-14) (LACFCD)
	6782		299			3789		299		SEE F.B. 1201-52
	6483		599			3490		599		FOR DESCRIPTION
1	20346	6.782		59.8	62°	11368	3.789		599	
	4399		212			2258		215		TGE DREIER
	4187		213			2043		213		
	3974		425			1830		428		
2	12560	4.187		1.023		6131	2.044		1027	
	5579		211			2519		213		
	5368		213			2306		213		
	5155		424			2093		426		
3	16102	5.367		1.447		6918	2.306		1.453	
	8775		211			4028		213		
	8564		210			3815		212		
	8354		421			3603		425		
4	25693	8.564		1.866		11446	3.815		1.878	
	6743		213			4651		212		
	6530		213			4439		209		
	6317		426			4230		421		
5	19590	6.530		1294		13320	4.440		1299	
		31430					16394			

F.B. 1275 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 H F NAUMANN Weather CLEAR Inst. No. 50010
Notes by S SHINODA Time 10:30-11:20AM Rod No. 7 & 8

Name L A Co PRECISE LEVEL NET
Job No. 4929
From BM 1-28 To BM 10-1
Date 1-10-52
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
	6171	31.430	214	2.294		5031	16.394	213	2299	
	5957		214			4818		213		
	5743		428			4605		426		
6	17871	5.957		2722		14454	4818		2725	
	5827		228			4610		228		
	5599		227			4382		225		
	5372		455			4157		453		
7	16798	5.599		3177		13149	4383		3178	
	8761		212			3428		213		
	8549		211			3215		213		
	8338		423			3002		426		
8	25648	8.549		3600		9645	3.215		3604	
	6610		212			2411		213		
	6398		211			2198		213		
	6187		423			1985		426		
9	19195	6.398		4023		6594	2.198		4030	
	9011		212			2986		214		
	8799		209			2772		211		
	8590		421			2561		425		
10.	26400	8.800		4444		8319	2.773		4455	
		66.733					33.781			

F.B. 1375 PG. 138

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10-30-11:20AM Rod No. 788

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From BM 1-28 To BM 10-1
Date 1-10-52
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
	7837	66.733	202	4444		3305	33.781	197	4455	
	7635		202			3108		197		
	7433		404			2911		394		
11	22905	7.635		4848		9324	3.108		4849	
	7970		198			3165		199		BM 10-1 (SIERRA MADRE B-12)
	7772		195			2966		198		SEE F.B. 1375:126
	7577		393			2768		397		FOR DESCRIPTION
12	23319	7.773		5241	62°	8899	2.966		5246	
										SUMMATION OF RUN BM 1-28 TO BM 10-1
										TOTAL BACKSIGHTS = 82.141
										FORESIGHTS = 39.855
										DIFF IN ELEVATION = +42.286
		82.141					39.855			F.B. 1375 PG. 139

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 .....
Job No. .....
From ..... To .....
Date .....
Indexed .....

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

F.B. 1375 PG. 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 H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:25-12:05 P.M. Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4928
From BM 10-1 To BM 1-28
Date 1-10-52
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
	3231		199		#7	8034		197		BM 10-1 (SIERRA MADRE B-12)
	3032		199			7837		197		SEE F.B. 1375-126
	2833		398 ✓			7640		394 ✓		FOR DESCRIPTION
1	9096 ✓	3.032 ✓		398 ✓	62°	23511 ✓	7.837 ✓		394 ✓	
	3240		198			7771		200		T.G.E. DREIER
	3042		197			7571		200		
	2845		395 ✓			7371		400 ✓		
2	9127 ✓	3.042 ✓		793 ✓		22713 ✓	7.571 ✓		794 ✓	
	3003		212			9028		212		
	2791		212			8816		213		
	2579		424 ✓			8603		425 ✓		
3	8373 ✓	2.791 ✓		1217 ✓		26447 ✓	8.816 ✓		1219 ✓	
	2373		212			6572		212		
	2161		213			6360		211		
	1948 ✓		425 ✓			6149 ✓		423 ✓		
4	6482 ✓	2.161 ✓		1642 ✓		19081 ✓	6.360 ✓		1642 ✓	
	3543		212			8878		212		
	3331		211			8666		212		
	3120		423 ✓			8454 ✓		424 ✓		
5	9994 ✓	3.331 ✓		2065 ✓		25998 ✓	8.666 ✓		2066 ✓	
		14.357 ✓					39.250 ✓			

F.B. 1375 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:20-12:05PM Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From BM 10-1 To BM 1-28
Date 1-10-52
Indexed A. C. Johnson

F.B. 1375 PG. 142

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4628	4.357	227	2065		5843	3.959	226	2066	
	4401		228			5617		228		
	4173		455			5389		454		
6	13202	4401		2520		16849	5616		2520	
	5062		213			6201		213		
	4849		211			5988		211		
	4638		424			5777		424		
7	14549	4850		2944		17966	5989		2944	
	4631		213			6718		211		
	4418		213			6507		211		
	4205		426			6296		422		
8	13254	4418		3370		19521	6507		3360	
	4036		213			8781		210		
	3823		212			8571		210		
	3611		425			8361		420		
9	11470	3.823		3795		25713	8571		3786	
	3862		214			6922		211		
	3648		211			6711		211		
	3437		425			6500		422		
10	10947	3.649		4220		20133	6.711		4208	
		35.498					72.644			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:25-12:05PM Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From BM 10-1 To BM 1-28
Date 1-10-52
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
	2244	35.498	212	4.220		4386	72.044	212	4.208	
	2052		213			4174		211		
	1819		425			3963		423		
11	6095	2.032		4645		12523	4174		4631	
	4028		298			7024		301		BM 1-28 (USC&GS 1938) (58-14) (LACFCD)
	3730		297			6723		300		SEE F.B. 1202-5
	3433		595			6423		601		FOR DESCRIPTION
12	11191	3.730		5240	64°	10170	6.723		5232	
										SUMMATION OF RUN BM 10-1 TO BM 1-28
										TOTAL BACKSIGHTS = 41.260
										- FORESIGHTS = 83.541
										DIFF. IN ELEVATION = 42.281
		41.260					83.541			

F.B. 1375 PG. 1/45

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party ..... 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. 1375 PG. 144										

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 H F NAUMANN Weather CLEAR Inst. No. 50010
Notes by S SHINODA Time 1:15-2:00 P.M. Rod No. 7 & 8

Name L.A.Co PRECISE LEVEL NET
Job No. 4923
From B.M. 10-1 To B.M. 10-2
Date 1-10-52
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
	7599		211		#7	3087		213		
	7388		211			2874		211		BM 10-1 (SIERRA MADRE 8-12)
	7177		422			2663		424		SEE F.B. 1375-26
1	21164	7.388		422	68°	8624	2.875		424	FOR DESCRIPTION
	8002		211			3184		212		
	7791		210			2972		213		T.G.E. DREIER
	7581		421			2759		425		
2	23374	7.791		843		8915	2.972		849	
	7751		211			3642		215		
	7540		210			3427		213		
	7330		421			3214		428		
3	22621	7.540		1264		10283	3.428		1277	
	6622		213			2608		209		
	6409		215			2399		208		
	6194		428			2191		417		
4	19225	6.408		1692		7198	2.399		1694	
	8000		212			3819		212		
	7788		211			3607		214		
	7577		423			3393		426		
5	23365	7.788		2115		10819	3.606		2120	
		36.915					15.280			

F.B. 1375 PG. 145

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 H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S SHINODA Time 1:15 - 2:00 P.M. Rod No. 7 & 8

Name L.A.Co PRECISE LEVEL NET
Job No. 4923
From B.M. 10-1 To B.M. 10-2
Date 1-10-52
Indexed R. C. Johnson

F.B. 1375 PG. 146

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6599	36.915	217	2.115		2180	15.180	212	2.120	
	6382		213			1968		212		
	6169		430			1756		424		
6	19150	6.383		2545		5904	1.968		2.544	
	7196		212			3477		213		
	6983		212			3264		213		
	6771		424			3051		426		
7	20949	6.983		2969		9792	3.264		2.970	
	7766		213			2851		214		
	7553		212			2637		214		
	7341		425			2423		428		
8	22660	7.553		3394		7911	2.637		3398	
	7081		211			3011		213		
	6870		211			2798		214		
	6659		422			2584		427		
9	20610	6.870		3816		8393	2.798		3825	
	6799		210			3179		214		
	6589		210			2965		214		
	6379		420			2751		428		
10	19767	6589		4236		8895	2.965		4253	
		71.293					28.912			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:15-2:00 P.M. Rod No. 788

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From BM 10-1 To BM 10-2
Date 1-10-52 E. C. JOHNSON
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6901	71.293	214	4236		3247	28.912	210	4253	
	6687		214			3037		210		SUMMATION OF RUN
	6473		422			2827		420		B.M 10-1 TO B.M 10-2
11	20061	6.687		4644		9111	3.037		4673	
	6523		173			3708		175		TOTAL BACKSIGHTS + 90.489
	6350		173			3533		174		- FORESIGHTS - 39.046
	6177		346			3359		349		DIFF. IN ELEVATION + 51.443
12	19050	6.350		5010		10600	3.533		5022	
	6348		189			3745		182		
	6159		189			3563		180		B.M 10-2
	5970		378			3383		362		SEE F.B. 1375-127
13	18477	6.159		5388	69°	10691	3.564		5384	FOR DESCRIPTION
		90.489					39.046			

F.B. 1375 PG. 147

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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.....
Job No. .....
From..... To.....
Date .....
Indexed.....

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

F.B. 1375 PG. 48

FORM 324 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H F NAUMANN Weather CLEAR Inst. No. 50010
Notes by S SUNODA Time 2:00-2:50PM Rod No. 7 & 8

Name L A Co PRECISE LEVEL NET
Job No. 4923
From BM 10-2 To BM 10-1
Date 1-10-52
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
	3734		183		#7	6331		188		
	3551		184			6143		186		BM 10-2
	3367		367			5957		374		SEE F.B 1375 127
1	10652	3.551		367	69°	18431	6.144		374	FOR DESCRIPTION
	3698		175			6513		173		
	3523		175			6340		172		T G.E DREIER
	3348		350			6168		345		
2	10569	3.523		717		19021	6.340		719	
	3222		211			6771		212		
	3011		211			6559		210		
	2800		422			6449		422		
3	9033	3.011		1139		19779	6.060		1141	
	3151		212			6775		211		
	2939		212			6564		211		
	2727		424			6353		422		
4	8817	2.939		1563		19692	6.564		1563	
	3018		215			7086		213		
	2803		212			6873		211		
	2591		427			6662		424		
5	8412	2.804		1990		20621	6.874		1987	
		15.828					22.582			

F.B. 1375 PG. 129

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.E. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:00-2:50 P.M. Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From BM 10-2 To BM 10-1
Date 1-10-52
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
	2878	15.828	213	1990		7797	52.582	214	1987	
	2665		213			7583		212		
	2452		426			7371		426		
6	7995	2.665		2416		22751	7.584		2413	
	3528		212			7242		211		
	3316		212			7031		211		
	3104		424			6820		422		
7	9948	3.316		2840		21093	7.031		2835	
	2101		216			6518		215		
	1885		213			6303		212		
	1672		429			6091		427		
8	5658	1.886		3269		18912	6.304		3262	
	3790		212			7971		212		
	3578		211			7759		209		
	3367		423			7550		421		
9	10735	3.578		3692		23280	7.760		3683	
	3411		209			7428		216		
	3202		210			7212		214		
	2992		419			6998		430		
10	9605	3.202		4111		21638	7.213		4113	
		30.475					68.474			

F.B. 1375 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 H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHIMODA Time 2:00-2:50 P.M. Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4925
From BM 10-2 To BM 10-1
Date 1-10-52
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
	3686	30.475	214	4111		7794	68.474	212	4113	
	3472		213			7582		211		SUMMATION OF RUN
	3259		427			7371		423		BM 10-2 TO BM 10-1
11	10417	3.472		4538		22747	7.582		4536	
	3202		213			8024		212		TOTAL BACKSIGHTS = 39.787
	2989		211			7812		212		" FORESIGHTS = 91.228
	2778		424			7600		424		DIFF IN ELEVATION = -51.441
12	8969	2.990		4962		23436	7.812		4960	
	3063		213			7570		210		
	2850		213			7360		210		B.M 10-1 (SIERRA MADRE B-12)
	2637		426			7150		420		SEE F.B. 1375-126
13	8550	2.850		5338	67°	22080	7.360		5380	FOR DESCRIPTION
		39.787					91.228			

F.B. 1375 PG. 45

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party..... 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. 1375 PG. 152

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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 2:50 - Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From BM 10-2 To BM 10-5
Date 1-10-51
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
	7.620		210		#7	3.855		213		B.M. 10-2
	7.410		212			3.642		212		SEE F.B. 1375 - 127
	7.198 ✓		422 ✓			3.430 ✓		425 ✓		FOR DESCRIPTION
1	22.228 ✓	7.409		422 ✓	67°	10.927 ✓	3.642 ✓		425 ✓	
	7.270		213			3.483		213		
	7.057		214			3.270		211		
	6.843 ✓		427 ✓			3.059 ✓		424 ✓		
2	21.170 ✓	7.057 ✓		849 ✓		9.812 ✓	3.271 ✓		849 ✓	
	8.019		214			3.111		213		
	7.805		212			2.898		215		
	7.593 ✓		426 ✓			2.683 ✓		428 ✓		
3	23.417 ✓	7.806 ✓		1.275 ✓		8.692 ✓	2.897 ✓		1.277 ✓	
	7.410		164			3.523		165		
	7.246		164			3.358		166		
	7.082 ✓		328 ✓			3.192 ✓		331 ✓		
4	21.738 ✓	7.246 ✓		1.603 ✓		10.073 ✓	3.358 ✓		1.608 ✓	
	8.070		172			3.065		172		
	7.898		173			2.893		171		
	7.725 ✓		345 ✓			2.722 ✓		343 ✓		
5	23.693 ✓	7.898 ✓		1.948 ✓		8.680 ✓	2.893 ✓		1.951 ✓	
		37.416 ✓					16.061 ✓			

F.B. 1275 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 H.F. NAUMANN Weather CLEAR Inst. No. 500.10
Notes by G.E. DREIER Time 2:45 - 3:30 Rod No. 788

Name L.A.CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-2 To B.M. 10-5
Date 1-10-52
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
		37.416		1.948			16.061		1.951	
										B.M. 10-3
										SEE F.B. 1375-128
										FOR DESCRIPTION
	8.602		213			2.321		213		
	8.389		214			2.108		210		
	8.175		427			1.898		423		
6	25.166	8.389		2.375		6.327	2.109		2.374	
	8.408		212			1.691		211		
	8.196		211			1.480		214		
	7.985		423			1.266		423		
7	24.589	8.196		2.798		4.437	1.479		2.797	
	8.702		212			1.123		212		
	8.490		212			0.911		212		STOPPED 3:20 1-10-52
	8.278		424			0.699		424		TOP CB 50 CHARTE R2
F.B. 1375 PG. 154 8	25.470	8.490		3.222	64°	2.733	0.911		3.224	
	8.993		225			1.738		204		
	8.768		224			1.534		202		STARTED 1:00 1-14-52
	8.544		449			1.332		406		
9	26.305	8.768		3.671	53°	4.604	1.535		3.627	
		71.259					22.095			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO 1:40 Rod No. 788

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-2 To B.M. 10-5
Date 1-14-52
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
	9.434	71.259	204	3.671		1.105	22.095	223	3.627	
	9.230		205			0.882		222		
	9.025		409			0.660		445		SUMMATION OF RUN
10	27.689	9.230		4.080		2.647	0.882		4.072	B.M. 10-2 TO B.M. 10-5
	8.208		131			2.142		131		
	8.077		130			2.014		130		TOTAL BACKSIGHTS +103.880
	7.947		261			1.881		261		TOTAL FORESIGHTS - 33.692
11	24.232	8.077		4.341		6.034	2.011		4.333	DIFF IN ELEVATION +70.188
	9.678		174			3.215		174		
	9.504		172			3.041		173		
	9.332		346			2.868		347		
12	28.514	9.505		4.687		9.124	3.041		4.682	
										B.M. 10-4
										SEE F.B. 1375-129
										FOR DESCRIPTION
		98.071					28.029			
	5.853		043			5.707		044		
	5.810		045			5.663		043		BM. 10-5 (SIERRA MADRE B-10)
	5.765		088			5.620		087		SEE F.B. 1375-129
13	17.428	5.809		4.775	53°	16.990	5.663		4.767	FOR DESCRIPTION
		103.880					33.692			

F.B. 1375 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.....
Job No. .....
From..... To.....
Date .....
Indexed.....

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

F.B. 1375 PG. 154

FORM 375 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 H.F. NAUMANN Weather CLEAR Inst. No. 5 0010
Notes by C.E. DREIER Time 1:45 TO 2:45 Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4925
From B.M. 10-5 To B.M. 10-2
Date 1-14-52
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.726		044		#7	5.869		044		B.M. 10-5 (SIERRA MADRE B-10)
	5.682		044			5.825		043		SEE F.B. 1375-129
	5.638		088			5.782		087		FOR DESCRIPTION
1	17.046	5.682		.088	53°	17.476	5.825		.087	
										B.M. 10-4
										SEE F.B. 1375-129
										FOR DESCRIPTION
	3.242		172			9.710		172		
	3.070		172			9.538		174		A. E. LANDA
	2.898		344			9.364		346		
2	9.210	3.070		1.432		28.612	9.537		1.433	
	2.120		132			8.180		130		
	1.988		130			8.050		130		
	1.858		262			7.920		260		
3	5.966	1.989		.694		24.150	8.050		.693	
	1.285		213			9.637		215		
	1.072		213			9.422		212		
	0.859		426			9.210		427		
4	3.216	1.072		1.120		28.269	9.423		1.120	
		11.813					32.835			

F.B. 1375 PG. 157

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 H.F. NAUMANN Weather CLEAR Inst. No. 5001.0
Notes by G.E. DREIER Time 1:45 - 2:45 P.M. Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-5 To B.M. 10-2
Date 1-14-52
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
	1.634	11.813 ✓	214	1.120 ✓		8867	32.835 ✓	215	1.120 ✓	
	1.420		212			8652		214		
	1208		426 ✓			8.438		429 ✓		
5	4.262 ✓	1.420 ✓		1.546 ✓		25.957 ✓	8.652 ✓		1.549 ✓	
	1.128		213			8710		212		
	0.915		213			8.498		213		
	0.702		426 ✓			8285		425 ✓		
6	2.745 ✓	0.915 ✓		1.972 ✓		25.493 ✓	8.498 ✓		1.974 ✓	
	1.601		213			8.318		216		
	1.388		213			8.102		212		
	1.175 ✓		426 ✓			7.890 ✓		428 ✓		
7	4.164 ✓	1.388 ✓		2.398 ✓		24.310 ✓	8.103 ✓		2.402 ✓	
	2.287		213			8.572		214		
	2.074		211			8.358		213		
	1.863 ✓		424 ✓			8.145 ✓		427 ✓		
8	6.224 ✓	2.075 ✓		2.822 ✓		25.075 ✓	8.358 ✓		2.829 ✓	
F.B. 1375 PG. 158										B.M. 10-3 SEE F.B. 1375-128 FOR DESCRIPTION
		17.612 ✓					66.446 ✓			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F.NAUMANN Weather CLEAR Inst. No. 50010
Notes by C.E.DREIER Time 1:45 - 2:45 Rod No. 788

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-5 To B.M. 10-2
Date 1-14-52
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod end Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2995	17.617 ✓	176	2.822 ✓		7.992	66.446 ✓	172	2829 ✓	
	2.819		175			7.820		169		
	2644		351 ✓			7.651		341 ✓		
9	8.458 ✓	2.819 ✓		3.173 ✓		23463 ✓	7.821 ✓		3.170 ✓	
	3.536		166			7.423		163		
	3.370		166			7.260		162		
	3.204		332 ✓			7098 ✓		325 ✓		SUMMATION OF RUN
10	10.110 ✓	3.370 ✓		3.505 ✓		21.781 ✓	7.260 ✓		3495 ✓	B.M. 10-5 TO B.M. 10-2
	3088		214			7.994		214		
	2.874		212			7.780		211		TOTAL BACKSIGHTS + 33.439 ✓
	2662 ✓		426 ✓			7569 ✓		425 ✓		TOTAL FORESIGHTS - 103.630 ✓
11	8.624 ✓	2.875 ✓		3931 ✓		23.343 ✓	7.781 ✓		3.920 ✓	DIFF IN ELEVATION - 70.191 ✓
	3.370		212			7.162		213		
	3.158		214			6.949		211		
	2.944		426 ✓			6.738 ✓		424 ✓		
12	9.472 ✓	3.157 ✓		4.357 ✓		208 49 ✓	6.950 ✓		4.342 ✓	
	3820		213			7585		213		
	3.607		212			7.372		212		B.M. 10-2
	3395		425 ✓			7160 ✓		425 ✓		SEE F.B. 1375-147
13	10.822 ✓	3.607 ✓		4.782 ✓	63°	22.117 ✓	7.372 ✓		4.769 ✓	FOR DESCRIPTION
	~~33.439~~						103.630 ✓			
	33.440 ✓									

F.B. 1375 PG. 159

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name L.A. CO PHOTO
Job No. .....
From..... To.....
Date .....
Indexed.....

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

F.B. 1375 PG. 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:40-10:30AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-5 To BM 10-6
Date 2-14-52
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
	6823		146		#7	4174		146		BM 10-5 (SIERRA MADRE B-10)
	6677		146			4028		145		SEE F.B. 1375 - 129
	6531		292			3883		291		FOR DESCRIPTION
1	20031	6.677		292	54°	12085	4.028		291	
	7254		211			2330		214		
	7043		211			2116		214		T. G.E. DREIER
	6832		422			1902		428		
2	21129	7.043		.714		6348	2.116		.719	
	9278		209			1059		215		
	9069		209			0844		213		
	8860		418			0631		428		
3	27207	9.069		1.132		2534	0.845		1147	
	10611		213			1562		211		
	10398		212			1351		213		
	10186		425			1138		424		
4	31195	10.398		1557		4051	1.350		1571	
	8754		212			1172		212		
	8542		211			0960		211		
	8331		423			0749		423		
5	25627	8.542		1980		2881	0.960		1994	
		41.729					9.299			

F.B. 1375 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:40-10:30 AM Rod No. 7 & 8

Name L. A. CO PRECISE LEVEL NET
Job No. 4923
From BM 10-5 To BM 10-6
Date 2-14-52
Indexed R. O Tohnson

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
	8058	41729	169	1980		2320	9.299	168	1994	
	7889		169			2152		167		
	7720		338			1985		335		
6	23667	7.889		2318		6457	2.152		2329	
	11938		258			3157		256		
	11580		257			2901		253		
	11323		515			2648		509		
7	34741	11580		2833		8706	2.702		2838	
	7419		211			3223		213		
	7208		211			3010		211		
	6997		422			2799		424		
8	21624	7.208		3255		9032	3.011		3262	
	8112		165			1991		170		
	7947		168			1821		170		
	7779		333			1651		340		
9	23838	7.946		3588		5463	1.821		3662	
	10211		134			1308		129		
	10077		135			1179		129		
	9942		269			1050		258		
10.	30230	10.077		3857		3537	1179		3860	
		86.429					20.364			

F.B. 1375 PG. 162

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHIMODA Time 8:40 - 10:30 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-5 To BM 10-6
Date 2-14-52
Indexed A. G. 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
	10368	8642	147	3857		2108	20361	146	3860	
	10221		144			1962		147		
	10077		291			1815		293		
11	30666	10.222		4148		5885	1.962		4153	
	10420		211			2643		212		
	10209		211			2431		213		
	9998		422			2218		425		
12	30627	10209		4570		7292	2431		4578	
	7209		197			3590		228		
	7012		199			3362		226		
	6813		396			3136		454		
13	21034	7.011		4966		10088	3363		5032	
	6309		224			4219		200		
	6085		225			4019		200		
	5860		449			3819		400		
14	18254	6.085		5415		12057	4.019		5432	
	7788		214			2598		207		
	7574		212			2391		209		
	7362		426			2182		416		
15	22724	7.575		5841		7171	2390		5848	
		127.531					34.529			

F.B. 1375 PG. 163

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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:40 - 10:30 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-5 To BM 10-6
Date 2-14-52
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
	7922	127.53N	237	5841		3191	37.529N	236	5.948	
	7685		236			2955		236		BM 10-6
	7449		473			2719		472		SEE F.B. 1375-129
16	23056	7.685		6314	65°	8865	2.955		6320	FOR DESCRIPTION
										SUMMATION OF RUN BM 10-5 TO BM 10-6
										TOTAL BACKSIGHTS + 135.216 - FORESIGHTS - 37.484 DIFF. IN ELEVATION + 97.732
		135.216					37.484			

F.B. 1375 PG. 16-21

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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHIMODA Time 10:30-11:35AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-[illegible] To BM 10-5
Date 2-14-52
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
	3207		237		#8	7943		237		
	2970		238			7706		236		BM 10-6
	2732		475			7470		473		SEE F.B. 1375-169
1	8909	2.970		475	65°	23119	7.706		473	FOR DESCRIPTION
	2550		210			7732		210		
	2340		210			7522		210		
	2130		420			7312		420		
2	7020	2340		895		22566	7.522		893	
	4152		212			6225		212		
	3940		211			6013		212		
	3729		423			5801		424		
3	11821	3.940		1318		18039	6.013		1317	
	3659		217			7299		208		
	3442		216			7091		211		
	3226		433			6880		419		
4	10327	3.442		1751		21270	7.090		1736	
	2709		211			10495		217		
	2498		209			10278		215		
	2289		420			10063		432		
5	7496	2.499		1171		30836	10.279		2168	
		15.191					38.610			

F.B. 1375 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:30-11:35 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-6 To BM 10-5
Date 2-14-52 R. C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2112	15.191	144	2171		10371	38.610	146	2168	
	1968		146			10225		145		
	1822		290			10080		291		
6	5902	1.967		2461		30676	10.225		2459	
	1168		131			10069		131		
	1037		133			9938		130		
	0904		264			9808		261		
7	3109	1.036		2725		29815	9.938		2720	
	2008		168			8124		166		
	1840		170			7958		167		
	1670		338			7791		333		
8	5518	1.839		3063		23873	7.958		3053	
	3228		214			7428		215		
	3014		211			7213		211		
	2803		425			7002		426		
9	9045	3.015		3488		21643	7.214		3479	
	2857		255			11531		256		
	2602		254			11275		255		
	2348		509			11020		511		
10	7807	2.602		3997		33826	11.275		3990	
		25.650					85.220			

F.B. 1375 PG. 166

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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:30 - 11:35 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-6 To BM 10-5
Date 2-14-55
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
	2282	25.650	169	3.997		8021	25.220	168	3.990	
	2113		165			7853		169		
	1948		334			7687		337		
11.	6343	2.114		4331		23558	7.853		4327	
	1204		213			F782		212		
	0991		213			8570		210		
	0778		426			8360		422		
12	2973	0.991		4757		25712	8.571		4749	
	0764		213			9809		211		
	0551		212			9598		212		
	0339		425			9386		423		
13	1654	0.551		5.182		28793	9.597		5.172	
	1238		210			9459		212		
	1028		210			9247		213		
	0818		420			9034		425		
14	3084	1.028		5602		27740	9.247		5597	
	2659		216			7588		215		
	2443		215			7373		213		
	2228		431			7160		428		
15.	7330	2.443		6033		22121	7.374		6025	
		32.777					127.863			

F.B. 1375 PG. 162

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 500.10
Notes by S. SHINODA Time 10:30-11:35 AM Rod No. 7 & 8

Name L. A. CO PRECISE LEVEL NET
Job No. 4923
From BM 10-6 To BM 10-5
Date 2-14-52
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
	4222	32.777	145	6033		6969	127.863	147	6025	
	4077		145			6722		144		BM 10-5 (SIERRA MADRE B-10)
	3932		290			6578		291		SEE F.B. 1375-129
16	12231	4.077	6323	66°		20169	6.723	6516		FOR DESCRIPTION
										SUMMATION OF RUN BM 10-6 TO BM 10-5
										TOTAL BACKSIGHTS + 36.854
										~ FORESIGHTS - 134.586
										DIFF. IN ELEVATION - 97.732
		36.854					134.586			

F.B. 1375 PG. 16-8

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party M. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:40 TO 1:30 Rod No. 768

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-9 To BM 10-7
Date 2-14-52
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
	8.540		213		#7	2.871		213		
	8.327		212			2.658		216		B.M. 10-6
	8.115		425			2.442		429		SEE F.B. 1375 - 130
1	24.982	8.327		.425	66°	7.971	2.657		.429	FOR DESCRIPTION
	6.998		213			3.801		214		
	6.785		213			3.587		212		T E. LANDA
	6.572		426			3.375		426		
2	20.355	6.785		.851		10.763	3.588		.853	
	6.698		228			4.436		228		
	6.470		227			4.208		229		
	6.243		455			3.979		457		
3	19.411	6.470		1.306		12.623	4.208		1.312	
	5.820		213			4.212		212		
	5.607		212			4.000		212		
	5.395		425			3.788		424		
4	16.822	5.607		1.731		12.000	4.000		1.736	STOPPED 1 HOUR 12:00 TO 1:00
	5.721		213			4.332		213		
	5.508		211			4.119		214		
	5.297		424			3.905		427		
5	16.526	5.509		2.155		12.356	4.119		2.163	
		32.698					18.572			

F.B. 1375 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:40 TO 1:30 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-6 To B.M. 10-7
Date 2-14-52
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
	6.218	32.698 ✓	213	2.155 ✓		3.020	18.572 ✓	212	2.163 ✓	
	6.005		212			2.808		213		
	5.793 ✓		425 ✓			2.593 ✓		425 ✓		
6	18.016 ✓	6.005 ✓		2.580 ✓		8.423 ✓	2.808 ✓		2.588 ✓	
	8.142		213			2.710		212		
	7.929		214			2.498		213		
	7.715 ✓		427 ✓			2.285 ✓		425 ✓		
7	23.786 ✓	7.929 ✓		3.007 ✓		7.493 ✓	2.498 ✓		3.013 ✓	
	8.878		212			2.372		214		
	8.666		213			2.158		214		
	8.453 ✓		425 ✓			1.944 ✓		428 ✓		
8	25.997 ✓	8.666 ✓		3.432 ✓		6.474 ✓	2.158 ✓		3.441 ✓	
	7.888		215			1.349		211		
	7.673		214			1.138		212		
	7.459 ✓		429 ✓			0.926 ✓		423 ✓		
9	23.020 ✓	7.673 ✓		3.861 ✓		3.413 ✓	1.138 ✓		3.864 ✓	
	8.922		207			3.190		210		
	8.715		205			2.980		210		
	8.510 ✓		412 ✓			2.770 ✓		420 ✓		
10	26.147 ✓	8.716 ✓		4.273 ✓		8.940 ✓	2.980 ✓		4.284 ✓	
		71.687 ✓					30.154 ✓			

F.B. 1375 PG. 170

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 11:40 TO 1:30 Rod No. 78

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-6 To B.M. 10-7
Date 2-14-52
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
	6826	71.687 ✓	201	4.273 ✓		7.474	30.154 ✓	193	4.284 ✓	
	6625		197			7.281		192		B.M. 10-7
	6428		398 ✓			7.089		385 ✓		SEE F.B. 1325-131
11	19879 ✓	6.626 ✓		4.671 ✓	68°	21.844 ✓	7.281 ✓		4.669 ✓	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 10-6 TO B.M. 10-7
										TOTAL BACKSIGHTS = 78.313 ✓
										" FORESIGHTS = 37.435 ✓
										DIFF. IN ELEVATION = +40.878 ✓
		78.313 ✓					37.435 ✓			

F.B. 1375 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 H. F. NAUMANN Weather CLEAR Inst. No. 5001.0
Notes by G. E DREIER Time 11:40 TO Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-6 To BM 10-7
Date 2-14-52
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

F.B. 1375 PG. 172

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:30 TO 2:25 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-7 To BM 10-6
Date 2-14-52
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
	7448		195		#7	6.796		198		B.M. 10-7
	7253		193			6.598		199		SEE F.B. 1375-13
	7060		388 ✓			6399		397 ✓		FOR DESCRIPTION
1	21761 ✓	7.254 ✓		388 ✓	68°	19.793 ✓	6.598 ✓		397 ✓	
	3168		210			8900		206		
	2958		210			8694		205		
	2748		420 ✓			8489		411 ✓		
2	8874 ✓	2.958 ✓		808 ✓		26083 ✓	8.694 ✓		808 ✓	
	1448		213			7.982		213		
	1235		212			7769		214		
	1023		425 ✓			7555		427 ✓		
3	3706 ✓	1.235 ✓		1.233 ✓		23306 ✓	7.769 ✓		1.235 ✓	
	2191		213			8700		214		
	1978		213			8486		214		
	1765		426 ✓			8272		428 ✓		
4	6934 ✓	1.978 ✓		1.659 ✓		25458 ✓	8.486 ✓		1.663 ✓	
	2745		213			8171		211		
	2532		212			7960		212		
	2320		425 ✓			7748		423 ✓		
5	7597 ✓	2.532 ✓		2084 ✓		23879 ✓	7.960 ✓		2.086 ✓	
		~~16.057~~ 15.957 ✓					39.507 ✓			

F.B. 1375 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:25 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-7 To B.M. 10-6
Date 2-14-52
Indexed A. C. Johnson

F.B. 1375 PG. 174

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.123	~~16.057~~ 15.957	213	2.084		6.322	39.507	212	2086	
	2.910		210			6.110		211		
	2.700		423			5.899		423		
6	8.733	2.911		2.507		18.331	6.110		2.509	
	4.410		211			5.799		213		
	4.199		214			5.586		214		
	3.985		425			5.372		427		
7	12.594	4.198		2.932		16.757	5.586		2.936	
	4.220		215			5.828		215		
	4.005		213			5.613		212		
	3.792		428			5.401		427		
8	12.017	4.006		3.360		16.842	5.614		3.363	
	4.330		228			6.597		229		
	4.102		230			6.368		228		
	3.872		458			6.140		457		
9	12.304	4.101		3.818		19.105	6.368		3.820	
	3.826		214			7.028		214		
	3.612		211			6.814		212		
	3.401		425			6.602		426		
10	10.839	3.613		4.243		20.444	6.815		4.246	
		34.786					70.000			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:30 TO 2:25 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-7 To B.M. 10-6
Date 2-14-52
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
	3.135	34.786 ✓	215	4.243 ✓		8.802	70.000 ✓	213	4.246 ✓	
	2.920		212			8.589		211		B.M. 10-6
	2.708		427 ✓			8.378		424 ✓		SEE F.B. 1375-130
11	8.763 ✓	2.921 ✓		4.670 ✓		25.769 ✓	8.590 ✓		4.670 ✓	FOR DESCRIPTION
										SUMMATION OF RUN
		37.707 ✓					78.590 ✓			B.M. 10-7 TO B.M. 10-6
										TOTAL BACKSIGHTS 37.707 ✓
										" FORESIGHTS 78.590 ✓
										DIFF. IN ELEVATION -40.883 ✓
										F.B. 1375 PG. 175
		37.707 ✓					78.590 ✓			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather Inst. No.
Notes by Time Rod No.

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

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

F.B. 1375 PG. 176

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S SHINODA Time 2.30 - 3:15 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-7 To BM 10-8
Date 2-14-52
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
	4354		212		#7	6962		212		BM 10-7
	4142		213			6750		211		SEE FB 1375 - 191
	3929		425 ✓			6539		423 ✓		FOR DESCRIPTION
1.	12425 ✓	4.142 ✓		425 ✓	68°	20251 ✓	6.750 ✓		423 ✓	
	5224		217			1729		218		T G E DREIER
	5007		217			1511		216		
	4790		434 ✓			1295		434 ✓		
2	15021 ✓	5.007 ✓		859 ✓		4535 ✓	1.512 ✓		857 ✓	
	8385		213			3450		212		
	8172		212			3238		215		
	7960		425 ✓			3023		427 ✓		
3	24517 ✓	8.172 ✓		1284 ✓		9711 ✓	3.237 ✓		1284 ✓	
	7713		211			2944		212		
	7502		211			2732		212		
	7291		422 ✓			2520		424 ✓		
4	22506 ✓	7.502 ✓		1706 ✓		8196 ✓	2.732 ✓		1708 ✓	
	7810		195			3106		197		
	7615		195			2909		197		
	7420		390 ✓			2712		394 ✓		
5.	22845 ✓	7.615 ✓		2096 ✓		8727 ✓	2.909 ✓		2102 ✓	
		32.438 ✓					17.140 ✓			

F.B. 1375 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:30 - 3:15 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-7 To BM 10-8
Date 2-14-52
Indexed A. C. Johnson

F.B. 375 PG. 178

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
	8420	32.438	211	2.096		2448	17.140	212	2102	
	8209		210			2236		213		
	7999		421			2023		425		
6	24628	8.209		2517		6707	2.236		2527	
	9082		254			2413		257		
	8828		256			2156		258		
	8572		510			1899		515		
7	26482	8827		3027		6467	2.156		3042	
	8067		215			2725		212		
	7852		212			2513		211		
	7640		427			2302		423		
8	23559	7853		3454		7540	2.513		3465	
	8334		211			3608		211		
	8123		211			3397		211		
	7912		422			3186		422		
9	24369	8123		3876		10191	3.397		3887	
	8191		211			2785		214		
	7980		212			2571		213		
	7768		423			2358		427		
10	23939	7980		4299		7714	2571		4314	
		73430					30.013			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:30-3:15 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-7 To BM 10-8
Date 2-14-52
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
	8003	73.430 ✓	166	4.299 ✓		5283	30.613 ✓	176	4.314 ✓	
	7837		166			5107		177		BM 10-8
	7671		332 ✓			4930		353 ✓		SEE F.B. 1375-132
11.	13511 ✓	7837 ✓		4634 ✓	67°	15320 ✓	5107 ✓		4667 ✓	FOR DESCRIPTION
										SUMMATION OF RUN
										BM 10-7 TO BM 10-8
										TOTAL BACKSIGHTS = 81.267 ✓
										FORESIGHTS = 35.120 ✓
										DIFF IN ELEVATION = 46.147 ✓
										F.B. 1375 pg 175
		81.267 ✓					35.120 ✓			

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 H. F. NAUMANN Weather Inst. No.
Notes by Time Rod No.

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

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

F.B. 1375 PG. 180

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 W. F. RAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:15 - 10:55 AM Rod No. 288

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 10-8 To BM 10-7
Date 2-15-55
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
	5148		167		#7	7884		175		
	4981		168			7709		176		BM 10-8
	4813		335			7533		351		SEE F.B. 1375 / 132
1	14942	4981		335	63°	23126	7709		351	FOR DESCRIPTION
	2708		216			8111		210		
	2492		217			7901		208		T G.E DREIER
	2275		433			7693		418		
2	7475	2492		768		23705	7902		769	
	3605		211			8330		213		
	3394		211			8117		214		
	3183		422			7903		427		
3	10182	3394		1190		24350	8117		1196	
	2688		213			8030		214		
	2475		212			7816		213		
	2263		425			7603		427		
4	7426	2475		1615		23449	7816		1623	
	2423		258			9088		256		
	2165		258			8832		254		
	1907		516			8578		510		
5	6495	2165		2131		26498	8833		2133	
		15507					40377			

F.B. 1375 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:15-10:65 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-8 To BM 10-7
Date 2-15-52
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
	2449	15.507	213	2.131		8422	40.377	212	2133	
	2236		214			8210		211		
	2022		427			7999		423		
6	6707	2.236		2558		24631	8.210		2556	
	3053		197			7751		193		
	2856		197			7558		193		
	2659		394			7365		386		
7	8568	2.856		2952		22674	7.558		2942	
	3048		210			7827		216		
	2838		210			7611		213		
	2628		420			7398		429		
8	8514	2.838		3372		22836	7.612		3371	
	3512		214			8447		214		
	3298		215			8233		211		
	3083		429			8022		425		
9	9893	3.298		3801		24702	8.234		3796	
	1719		218			5216		218		
	1501		215			4998		216		
	1286		433			4782		434		
10	4506	1.502		4234		14996	4.999		4230	
		28.137					76.990			

F.B. 1375 PG. 182

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 H. F. WAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:15-10:55AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 49-3
From BM 10-8 To BM 10-7
Date 2-15-52
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
	6949	28.237	212	4.234		4340	76.990	212	4.230	
	6737		211			4128		211		BM 10-7
	6526		423			3917		423		SEE F.B. 1375-131
11.	30212	6.737		4.457	66°	12385	4.129		4.653	FOR DESCRIPTION
										SUMMATION OF RUN
										BM 10-8 TO BM 10-7
										TOTAL BACKSIGHTS +34.974
										" FORESIGHTS -81.118
										DIFF IN ELEVATION -46.144
										F.B. 1375 PG. 183
		34.974					81.118			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather Inst. No.
Notes by Time Rod No.

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

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

F.B. 1375 PG. 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S SHINODA Time 3:20-3:30 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-8 To BM 10-9
Date 2-14-52
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6609		162		#7	9176		168		
	6447		163			9008		168		B.M 10-8
	6284		325			8840		336		SEE F.B 1375-132
1.	19340	6447		325	67°	27024	9008		336	FOR DESCRIPTION
	1495		192			F468		189		
	1303		191			8279		190		T.G.E. DREIER
	1112		383			P089		379		
2.	3910	1303		708		24836	8279		715	STOPPED 8:30 P.M. 2-14-52
	3739		237			7651		237		
	3502		233			7414		234		BEGAN 8:45 AM 2-15-52
	3269		470			7170		471		
3	10510	3503		1178	58°	22245	7415		1186	
	5222		211			6139		216		
	5011		212			5923		212		
	4799		423			5711		428		
4	15032	5011		1601		17773	5924		1614	
	5231		132			4868		130		
	5099		132			4738		130		
	4967		264			4608		260		
5	15297	5099		1865		14214	4738		1874	
		21363					35364			

F.B. 1375 PG. 185

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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:45-9:25 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-8 To BM 10-9
Date 2-15-52
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
	5710	21.363 ✓	214	1865 ✓		4506	35364 ✓	214	1874 ✓	
	5496		213			6292		213		
	5283		427 ✓			6079		427 ✓		
6	16489 ✓	5496 ✓		2292 ✓		18877 ✓	6292 ✓		2301 ✓	
	4487		213			5491		212		
	4274		211			5279		212		
	4063		424 ✓			5067		424 ✓		
7	12824 ✓	4275 ✓		2716 ✓		15837 ✓	5279 ✓		2725 ✓	
	4493		212			5511		213		
	4281		212			5298		213		
	4069		424 ✓			5085		426 ✓		
8	12843 ✓	4281 ✓		3140 ✓		15894 ✓	5298 ✓		3151 ✓	
	4511		213			4950		212		
	4298		213			4738		211		
	4085		426 ✓			4527		423 ✓		
9	12894 ✓	4298 ✓		3566 ✓		14215 ✓	4738 ✓		3574 ✓	
	5252		212			6803		215		
	5040		211			6588		214		
	4829		423 ✓			6374		429 ✓		
10	15121 ✓	5040 ✓		3989 ✓		19765 ✓	6588 ✓		4003 ✓	
		44753 ✓					63559 ✓			

F.B. 1375 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:45 - 9:25 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-7 To BM 10-9
Date 2-15-54
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
	5381	44.753 ✓	166	3.989 ✓		8073	63.559 ✓	165	4.003 ✓	
	5215		165			7908		166		
	5050		331 ✓			7742		331 ✓		
11.	15646 ✓	5.215 ✓		4.320 ✓		23723 ✓	7.908 ✓		4.334 ✓	
	4887		168			8767		158		
	4719		165			8609		157		BM 10-9
	4554		333 ✓			8452		315 ✓		SEE F.B. 1375-183
12	14160 ✓	4.720 ✓		4.653 ✓	61°	25828 ✓	8.609 ✓		4.649 ✓	FOR DESCRIPTION
										SUMMATION OF RUN
										BM 10-8 TO BM 10-9
										TOTAL BACKSIGHTS = 80.076 ✓
										FORESIGHTS = 54.688 ✓
										DIFF IN ELEVATION = 25.388 ✓
										F.B. 1375 PG. 187
		54688 ✓					80.076 ✓			

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 H. F. NAUMANN Weather Inst. No.
Notes by Time Rod No.

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

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

F.B. 1375 PG. 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:25-10:10AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-9 To BM 10-8
Date 2-15-52
Indexed R. 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
	8814		156		#7	4934		166		
	8658		158			4768		166		BM 10-9
	8500		314			4602		332		SEE F.B. 1375-133
1	25972	8.657		314	61°	14304	4.768		332	FOR DESCRIPTION
	8067		167			5377		167		
	7900		167			5210		167		π G.E. DREIER
	7733		334			5043		334		
2	23700	7.900		648		15630	5.210		666	
	6847		216			5299		213		
	6631		214			5086		210		
	6417		430			4876		423		
3	19895	6.632		1.078		15261	5.087		1.089	
	4979		212			4537		214		
	4767		211			4323		212		
	4556		423			4111		426		
4	14302	4.767		1.501		12971	4.324		1.515	
	5496		215			4479		213		
	5281		211			4266		213		
	5070		426			4053		426		
5	15847	5.282		1.927		12798	4.266		1.941	
		33.238					23.655			

F.B. 1375 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:25-10:10 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-9 To BM 10-8
Date 2-15-52
Indexed S. 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
	5479	33.238	212	1927		4475	23655	213	1941	
	5267		212			4262		212		
	5055		424			4050		425		
6	15801	5267		2351		12787	4262		2366	
	6546		217			5742		211		
	6329		217			5531		209		
	6112		434			5322		420		
7	18987	6329		2785		16595	5532		2786	
	4821		131			5181		131		
	4690		131			5050		131		
	4559		262			4919		262		
8	14070	4690		3047		15150	5050		3048	
	6171		214			5251		212		
	5957		213			5039		211		
	5744		427			4821		423		
9	17872	5957		3474		15111	5039		3471	
	7628		236			3711		232		
	7392		233			3479		231		
	7159		469			9248		463		
10	22179	7393		3943		10438	3479		3954	
		62874					47017			

F.B. 1375 PG. 190

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:25 - 10:10 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-9 To BM 10-8
Date 2-15-52
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
	8522	62.874	190	3.943		1549	47.017	191	3.934	
	8332		190			1358		191		
	8142		380			1167		382		
11	34996	8332		4323		40744	13588		4316	
	9159		168			6592		161		BM 10-8
	7991		166			6431		163		SEE FB 1375-133
	8825		334			6268		324		FOR DESCRIPTION
12	26975	8.992		4.657	63°	19291	6.430		4.640	
										SUMMATION OF RUN
										BM 10-9 TO BM 10-8
										TOTAL BACKSIGHTS 80.198
										- FORESIGHTS 54.805
										DIFF IN ELEVATION 25.393
		80.198					54.805			

F.B. 1375 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 H. F. NAUMANN Weather Inst. No.
Notes by Time Rod No.

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

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

F.B. 1375 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by C. E. DREIER Time 11:00 TO 1:40 Rod No. 7 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-9 To B.M. 10-10
Date 2-15-52
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
	4.187		215		#7	7.192		214		
	3.972		212			6.978		214		B.M. 10-9
	3.760		427			6764		428		SEE F.B. 1375-83
1	11.919	3.973		.427	66°	20.934	6.978		.428	FOR DESCRIPTION
	2.900		212			7.001		213		
	2.688		213			6.788		212		A E. LANDA
	2.475		425			6.576		425		
2	8.063	2.688		.852		20.365	6.788		.853	
	3.411		213			7.128		215		
	3.198		213			6.913		211		
	2.985		426			6.702		426		
3	9.594	3.198		1.278		20.743	6.914		1.279	
	4.013		211			6477		215		
	3.802		212			6.262		212		
	3590		423			6.050		427		
4	11.405	3.802		1.701		18.789	6.263		1.706	
	3.563		213			6.708		216		
	3.350		211			6492		212		
	3139		424			6280		428		
5	10.052	3.351		2.125		19.480	6.493		2.134	
		17.012					33.436			

F.B. 1375 PG. 123

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 H. F. NAUMANN Weather CLEAR Inst. No 50010
Notes by C.E DREIER Time 11:00 TO 1.40 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M 10-9 To B.M 10-10
Date 2-15-52
Indexed H. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.673	17.012 ✓	215	212 5 ✓		2.372	33.436 ✓	210	213 4 ✓	
	2.458		216			7.162		210		
	2.242		431 ✓			6.952		420 ✓		
6	7.373 ✓	2.458 ✓		2.556 ✓		21.486 ✓	7.162 ✓		2.554 ✓	
	3262		213			5.970		213		
	3.049		211			5.757		211		
	2.838 ✓		424 ✓			5.546 ✓		424 ✓		
7	9.149 ✓	3.050 ✓		2.980 ✓		17.273 ✓	5.758 ✓		2.978 ✓	
	3930		215			3.742		217		
	3.715		215			3.525		215		
	3500 ✓		430 ✓			3.310 ✓		432 ✓		
8	11.145 ✓	3.715 ✓		3.410 ✓		10.577 ✓	3.526 ✓		3.410 ✓	
	5721		198			3.688		228		
	5.523		195			3.460		228		
	5.328 ✓		393 ✓			3232 ✓		456 ✓		
9	16.572 ✓	5.524 ✓		3.803 ✓	70°	10.380 ✓	3.460 ✓		3.866 ✓	STOPPED 1 HOUR 12:00 TO 1:00
	6.205		212			3.745		213		
	5993		215			3.532		212		
	5778 ✓		427 ✓			3.320 ✓		425 ✓		
10	17.976 ✓	5.992 ✓		4.230 ✓		10.597 ✓	3.532 ✓		4.291 ✓	
		37.751 ✓					56.874 ✓			

F.B. 1375 PG. 194

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E.DREIER Time 11:00 TO 1:40 Rod No. 708

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-9 To B.M. 10-10
Date 2-15-52
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
	5970	37.751	212	4230		5.892	56.874	214	4.291	
	5.758		210			5.678		213		
	5.548		422			5465		427		
11	17.276	5.759		4.652		17.035	5.678		4.718	
	2844		230			6793		195		
	2.614		227			6598		196		
	2.387		457			6402		391		
12	7.845	2.615		5.109		19793	6.598		5.109	
	2.868		214			6.985		213		
	2654		214			6.772		210		
	2,440		428			6.562		423		
13	7.962	2.654		5.537		20.319	6.773		5.532	
	3020		198			7.118		228		
	2.822		199			6.890		228		
	2623		397			6.662		456		
14	8.465	2.822		5.934		20.670	6.890		5.988	
	3470		180			6.531		149		
	3.290		178			6.382		148		
	3112		358			6.234		297		
15	9.872	3.291		6.292		19.147	6.382		6.285	
		54.892					89.195			

F.B. 1375 PG. 175

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 5-0010
Notes by G. E. DREIER Time 11:00 TO 1:40 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-9 To B.M 10-10
Date 2-15-52
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
	3.510	54.892 ✓	169	6.292 ✓		5.008	89.195 ✓	173	6.285 ✓	
	3.341		170			4.835		172		
	3.171		339 ✓			4.663		345 ✓		
16	10.022 ✓	3.341 ✓		6.631 ✓	70°	14.506 ✓	4.835 ✓		6.630 ✓	
										SUMMATION OF RUN B.M. 10-9 TO B.M 10-10
										TOTAL BACKSIGHTS + 58.233 ✓ TOTAL FORESIGHTS - 94.030 ✓ DIFF IN ELEV - 35.797 ✓
		58.233 ✓					94.030 ✓			

F.B. 1375 PG. 156

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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:40 TO 2:50 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-10 To B.M. 10-9
Date 2-15-52
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.064		173		#7	3567		169		B.M. 10-10
	4.891		171			3.398		169		SEE F.B. 1375-13
	4.720		344			3.229		338		FOR DESCRIPTION
1	14.675	4.892		344	70°	10.194	3.398		338	
	6392		164			3300		163		T. E. LANDA
	6228		164			3.137		165		
	6064		328			2972		328		
2	18.684	6.228		672		9.409	3.136		666	
	7008		215			2.940		212		
	6283		213			2.728		210		
	6580		428			2.518		422		
3	20.381	6.794		1.100		8.186	2.729		1.088	
	6952		212			2.838		215		
	6740		210			2.623		213		
	6530		422			2.410		428		
4	20.222	6.741		1.522		7.871	2.624		1.516	
	6998		212			3018		215		
	6786		211			2803		213		
	6575		423			2590		428		
5	20359	6.786		1945		8.411	2.804		1944	
		31.441					14.691			

F.B. 1375 PG. 197

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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:40 TO 2:50 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-10 To B.M. 10-9
Date 2-15-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.048	31.441 ✓	216	1945 ✓		6.126	14.691 ✓	213	1.944 ✓	
	5.832		214			5.913		210		
	5.618		430 ✓			5.703		423 ✓		
6	17.498 ✓	5.833 ✓		2.375 ✓		17.742 ✓	5.914 ✓		2.367 ✓	
	3.846		213			6.306		214		
	3.633		213			6.092		212		
	3.420		426 ✓			5.880		426 ✓		
7	10.899 ✓	3.633 ✓		2.801 ✓		18.278 ✓	6.093 ✓		2.793 ✓	
	3.773		212			5.840		213		
	3.561		209			5.627		212		
	3.352		421 ✓			5.415 ✓		425 ✓		
8	10.686 ✓	3.562 ✓		3.227 ✓		16.882 ✓	5.627 ✓		3.218 ✓	
	3.767		215			3.952		215		
	3.552		217			3.737		217		
	3.335 ✓		432 ✓			3.520 ✓		432 ✓		
9	10.654 ✓	3.551 ✓		3.654 ✓		11.209 ✓	3.736 ✓		3.650 ✓	
	5.942		214			3.235		214		
	5.728		211			3.021		212		
	5.517 ✓		425 ✓			2.809 ✓		426 ✓		
10	17.187 ✓	5.729 ✓		4.079 ✓		9.065 ✓	3.022 ✓		4.076 ✓	
		53.749 ✓					39.083 ✓			

F.B. 1375 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:40 TO 2:50 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-10 To B.M. 10-9
Date 2-15-52
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
	7368	53.749 ✓	214	4.079 ✓		2.662	39.083 ✓	212	4.076 ✓	
	7154		212			2450		212		
	6942		426 ✓			2.238		424 ✓		
11	21.464 ✓	7.155 ✓		4.505 ✓		7.350 ✓	2.450		4.500 ✓	
	6.598		213			3.455		214		
	6385		213			3.241		211		
	6172		426 ✓			3030		425 ✓		
12	19155 ✓	6.385 ✓		4931 ✓		9.726 ✓	3.242 ✓		4.925 ✓	
	6.488		214			4025		212		
	6274		214			3.813		213		
	6060		428 ✓			3.600		425 ✓		
13	18822 ✓	6274 ✓		5359 ✓		11.438 ✓	3.813 ✓		5350 ✓	
	7.173		213			3.458		216		
	6960		212			3.242		214		
	6748		425 ✓			3.028		430 ✓		
14	20881 ✓	6.960 ✓		5784 ✓		9.728 ✓	3.243 ✓		5780 ✓	
	7.078		216			2.978		213		
	6862		213			2.765		213		
	6649		429 ✓			2552		426 ✓		
15	20589 ✓	6.863 ✓		6.213 ✓		8.295 ✓	2.765 ✓		6.206 ✓	
		87.386 ✓					54.596 ✓			

F.B. 1375 PG. 192

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 H. F. NAUMANN Weather CLEAR Inst. No. 57014
Notes by G.E. DREIER Time 1:40 to 2:50 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-10 To B.M. 10-9
Date 2-15-52
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
	7.219	87.386 ✓	215	6.213 ✓		4.215	54.596 ✓	215	6.206 ✓	
	7.004		212			4.000		212		B.M. 10-9
	6.792		427 ✓			3.788		427 ✓		SEE F.B. 1375-133
16	21.015 ✓	7.005 ✓		6.640 ✓	72°	12.003 ✓	4.001 ✓		6.633 ✓	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 10-10 TO B.M. 10-9
						/				TOTAL BACKSIGHTS +94.391 ✓
										TOTAL FORESIGHTS -58.597 ✓
										DIFF IN ELEVATION +35.796 ✓
F.B. 1375 PG. 200										
		94.391 ✓					58.597 ✓			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SALMOOA Time 3:10-3:30 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-10 To BM 10-12
Date 2-15-52
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
	3748		218		#7	6210		212		
	3530		219			5998		212		BM 10-10
	3311		437 ✓			5786		424 ✓		SEE F.B. 1375 - 195
1	10589 ✓	3.530 ✓		437 ✓	72°	17994 ✓	5.998 ✓		424 ✓	FOR DESCRIPTION
	4189		212			5845		213		
	3977		213			5632		213		T G.E. DREIER
	3764		425 ✓			5419		426 ✓		
2	11930 ✓	3.977 ✓		862 ✓		16896 ✓	5.632 ✓		850 ✓	
	4216		213			5823		214		
	4003		211			5609		211		
	3792		424 ✓			5398		425 ✓		
3	12011 ✓	4.004 ✓		1286 ✓		16830 ✓	5.610 ✓		1275 ✓	
	4247		213			5859		214		
	4034		212			5645		214		
	3822		425 ✓			5431		428 ✓		
4	12103 ✓	4.034 ✓		1711 ✓		16935 ✓	5.645 ✓		1703 ✓	
	4219		211			5859		214		
	4008		211			5645		214		
	3797		422 ✓			5431		428 ✓		
5	12024 ✓	4.008 ✓		2133 ✓		16935 ✓	5.645 ✓		2131 ✓	
		19.553 ✓					28.530 ✓			

F.B. 1375 PG. 201

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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 3:10-3:30 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-10 To B.M. 10-12
Date 2-15-52
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
	4185	19.553	214	2.133		5839	19.530	213	2.131	
	3971		211			5626		213		
	3760		425			5413		426		
6	11916	3.972		2.558		16878	5.626		2.557	
	3352		212			7897		215		
	3140		211			7682		213		
	2929		423			7469		428		
7	9421	3.140		2.981		23048	7.683		2.985	
	2036		212			7810		213		
	1824		212			7597		213		STOPPED 3:30 PM 2-15-52
	1612		424			7384		426		
8	5472	1.824		3.405	68°	22791	7.597		3.411	
	4383		212			5391		214		
	4171		212			5177		214		
	3959		424			4963		428		BEGAN 8:50 AM 2-18-52
9	12513	4.171		3.829	50°	15531	6.177		3.839	
	4697		214			5465		213		
	4483		212			5252		213		
	4271		426			5039		426		
10	13451	4.484		4.255		15756	5.252		4.265	
		37.144					59.865			

F.B. 1375 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 H. F. HAUMANN
Notes by S. SHINODA
Weather CLEAR
Time 8:50-9:25AM
Inst. No. 50010
Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-10 To BM 10-12
Date 2-18-52
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
	4689	37.144	215	4.255		5444	59.865	213	4265	
	4474		212			5231		213		
	4262		427			5018		426		
11	13425	4.475		4682		15693	5.231		4691	
	4888		216			7466		207		
	4672		212			7259		207		
	4460		428			7052		414		
12	14020	4.673		5110		21777	7.259		5105	
		46292					72355			B.M 10-11 (SIERRA MADRE F-6) SEE F.B. 1375-125 FOR DESCRIPTION
	2421		213			9357		215		
	2208		211			9142		211		
	1997		424			8931		426		
13	6626	2.209		5534		27430	9.143		5531	
	1587		205			8382		204		
	1382		204			8178		206		
	1179		409			7972		410		
14	4148	1.382		5943		24532	8.177		5941	
		49.883					89.675			

F.B. 1375 PG. 203

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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:50-9:25AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-10 To BM 10-12
Date 2-18-52
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
	3573	49.883	204	5943		7392	89.675	206	5941	
	3369		206			7186		204		BM 10-12 (SIERRA MADRE F&A)
	3163		410			6982		410		SEE F.B 1375-13 &
15	10105	3368		6353	52°	21560	7187		6351	FOR DESCRIPTION
										SUMMATION OF RUN
										BM 10-10 TO BM 10-12
										TOTAL BACKSIGHTS +53.251
										" FORESIGHTS - 96.862
										DIFF IN ELEVATION -43.611
		53.251					96.862			

F.B. 1375 PG. 204

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party M. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:00 - 11:50AM Rod No. 7 E B

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-12 To BM 10-10
Date 2-18-52
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
	7294		204		#7	3472		205		BM 10-12 (SIERRA MADRE GLA)
	7090		207			3267		205		SEE F.B. 1375-136
	6853		411			3062		410		FOR DESCRIPTION
1.	21267	7.089		411 55		9801	3.267		410	
	8357		206			1561		206		
	8151		203			1355		203		X G.E. DREIER
	7948		409			1152		409		
2	24456	8.152		820		4068	1.356		819	
	9305		214			2366		214		
	9091		213			2152		210		
	8878		427			1942		424		
3	27274	9.091		1247		6460	2.153		1243	
		24.332					6.776			
										BM 10-11 (SIERRA MADRE GC)
										SEE F.B. 1375-135
										FOR DESCRIPTION
	7371		209			4791		212		F.B. 1375 PG. 205
	7162		209			4579		211		
	6953		418			4368		423		
4.	21486	7.162		1665		13738	4.579		1666	
		31.494					11.355			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHIMODA Time 11:00 - 11:50 AM Rod No. 720

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From BM 10-12 To BM 10-10
Date 2-18-52
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5480	31.494	215	1665		4732	11.355	215	1.666	
	5271		212			4517		216		
	5059		427			4301		431		
5	15816	5.272		2.092		13550	4.517		2.097	
	5547		214			4783		213		
	5333		211			4570		213		
	5122		425			4357		426		
6	16002	5.334		2517		13710	4570		2523	
	5621		213			4606		212		
	5408		216			4394		212		
	5192		429			4182		424		
7	16221	5.407		2946		13182	4.394		2947	
	7870		212			2102		211		
	7658		210			1891		211		
	7448		422			1680		422		
F.B. 1375 PG. 206 8	22976	7.659		3368		5673	1.891		3369	
	7932		213			3386		212		
	7719		212			3174		211		
	7507		425			2963		423		
9	23158	7.719		3793		9523	3.174		3.792	
		2.885					2.991			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:00-11:50AM Rod No. 7E8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-12 To BM 10-10
Date 2-18-52
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
	5864	2.885	213	3793		4213	29.901	211	3792	
	5651		210			4002		211		
	5441		423			3791		422		
10.	16956	5.652		4216		12006	4.002		4214	
	5898		214			4256		210		
	5684		213			4046		214		
	5471		427			3832		424		
11	17053	5.684		4643		12134	4.045		4638	
	5934		214			4323		212		
	5720		212			4111		212		
	5508		426			3899		424		
12	17162	5.721		5069		12333	4.111		5062	
	5920		213			4311		213		
	5707		211			4098		214		
	5496		424			3884		427		
13	17123	5.708		5493		12293	4.098		5489	
	5911		212			4259		213		
	5699		211			4046		214		
	5488		423			3832		427		
14	17098	5.699		5916		12137	4.044		5914	
		91.349					50.203			

F.B. 1375 PG. 207

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 M. E. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:00 - 11:50 AM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From BM 10-12 To BM 10-10
Date 2-18-52
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
	6990	91.349	213	5.916		4518	50.205	213	5.916	
	6777		213			4305		213		BM 10-10
	6564		426			4092		426		SEE F.B. 1375-134
15	20531	6.777		6.342	61°	12915	4.305		6.342	FOR DESCRIPTION
										SUMMATION OF RUN
										BM 10-12 TO BM 10-10
										TOTAL BACKSIGHTS +98.126
										" FORESIGHTS -54.508
										DIFF IN ELEVATION +43.618
		98.126					54.508			

F.B. 1375 PG. 208

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 N. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:15-1:25 PM Rod No. 7&8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-11 To BM 10-12
Date 2-18-52
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
	2362		215		#7	9298		215		
	2147		215			9083		214		BM 10-11 (SIERRA MADRE F-6)
	1932		430 ✓			8869 ✓		429 ✓		SEE F.B. 1375-15
1	6441 ✓	2.147 ✓		430 ✓	61°	27250 ✓	9.083 ✓		429 ✓	FOR DESCRIPTION
	1556		204			8353		205		
	1352		204			8148		205		TO G.E. DREIER
	1148		408 ✓			7943 ✓		410 ✓		
2	4056 ✓	1.352 ✓		838 ✓		24444 ✓	8.148 ✓		839 ✓	
	3488		208			7308		206		
	3280		204			7102		202		BM 10-12 (SIERRA MADRE F-6A)
	3076 ✓		412 ✓			6900 ✓		408 ✓		SEE F.B. 1375-15
3	9844 ✓	3.281 ✓		1250 ✓	61°	21310 ✓	7.103 ✓		1247 ✓	FOR DESCRIPTION
										SUMMATION OF RUN BM 10-11 TO BM 10-12
										TOTAL BACKSIGHTS 46.780 ✓
										" FORESIGHTS - 24334 ✓
										DIFF. IN ELEVATION - 22.556 ✓
	1.1 * 6.780 ✓						24334 ✓			

F.B. 1375 PG. 15-17

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 H. F. NAUMANN Weather Inst. No.
Notes by Time Rod No.

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
F.B. 1375 PG. 210										

NOTES RED. 0301.00 JOB NO. SURVEY OF GEOD. CONT. F.B. 1375 PG. 211
DATE SURVEY BY W. D. BAY
NOTES CHKD. NOTES BY BAY DATE 1-29-'60
DATE INDEXED K. C. Johnson DATE 4-15-60

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

Do not extend notes this side of this line

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

765420 389 8-49

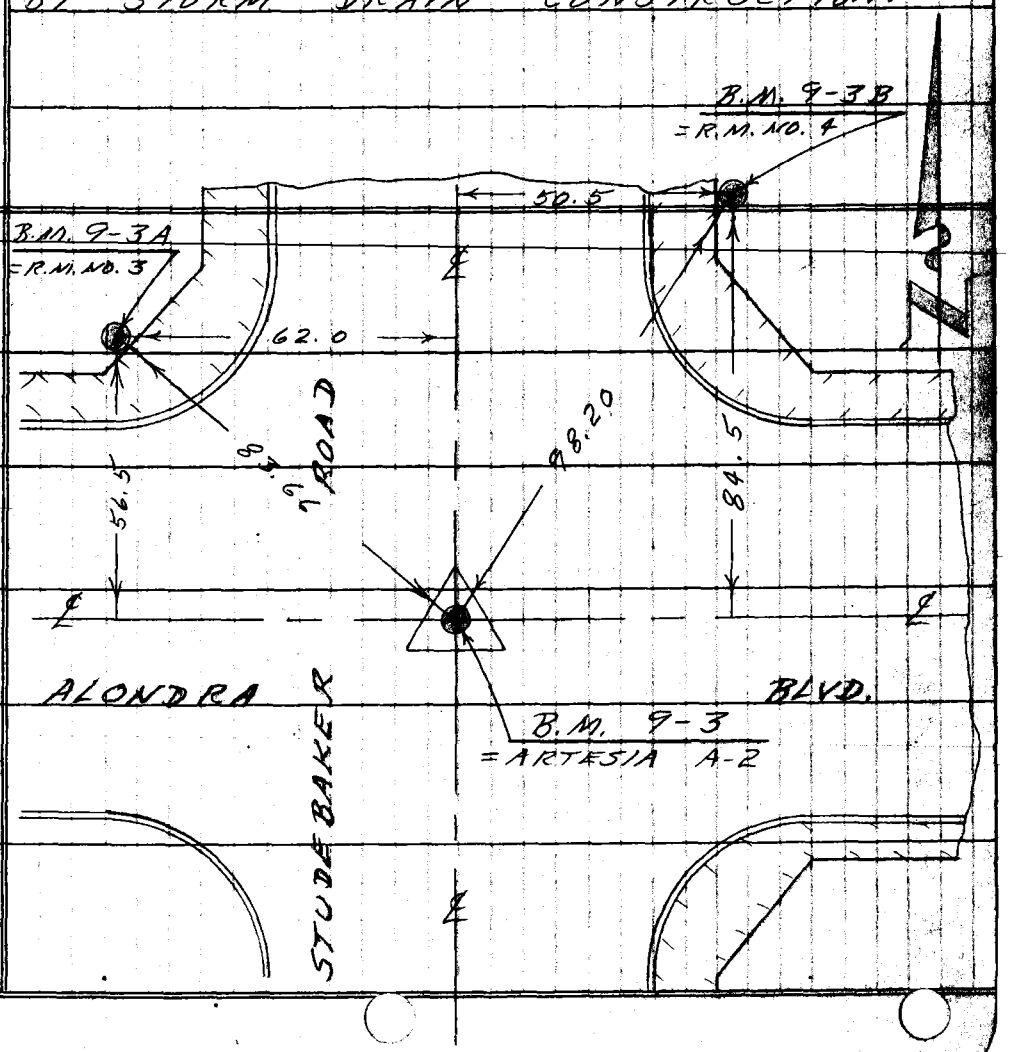
DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.

TRANSFER OF ELEV. FROM B.M. 9-3

TO B.M. 9-3A & 9-3B DUE TO

PROBABLE DESTRUCTION OF BM 9-3

BY STORM DRAIN CONSTRUCTION.



765420 353 8-49

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

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

JOB NO. 0301.00 SURVEY OF GEOD. CONT. NOTES RED. DATE
SURVEY BY W. R. BAY DATE 3-29-'60 NOTES CHKD. DATE
NOTES BY BAY DATE INDEXED C. Johnson DATE
F.B. 1375 PG. 212

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. 9-3	72.279			72.279	72.279	B.M. 9-3 EL. 72.279 (1957)
+	6.099	/	6.094			F.B. 1375-8. ALONDRA BLVD.
π	78.378	+0.248	+0.248	+0.248		+ STUDEBAKER RD. E. INTR.
—	5.851		5.846			A STD. 4" BRASS TRAV. STA.
						CAP IN CONC. STAMPED
						"ARTESIA A-2, 1945 COUNTY
						SURVEYOR RE 2177" DN. 10"
						IN A WELL WITH STD. COVER.
Bm. 9-3A	72.527			72.527	-1 = 72.526	Bm 9-3A
+	5.846	/	5.788			ALONDRA BLVD. & STUDEBAKER
π	78.373	+0.447	+0.446	+0.446		ROAD, N.W. COR. 56.5' N. of ℄
—	5.399		5.342			ALONDRA BLVD. & 62.0 W. OF ℄
						STUDEBAKER RD. A STD. 4" BRASS
						R.M. CAP IN CONC. STAMPED
						"ARTESIA A-2 R.M. NO. 3, 1960,
						L.A. CO. ENGR. R.E. 5869" DN. 9."
						IN A WELL WITH STD. COVER.
						for New Description see FB 3705-217 (WLW)
Bm 9-3B	72.974			72.973	-2 = 72.971	Bm 9-3B
+	5.342	/	5.271			ALONDRA BLVD. & STUDEBAKER RD.
π	78.316	-0.691	-0.694	-0.692		N.E. COR. 89.5 N. of ℄ ALONDRA
—	6.033		5.965			BLVD. & 50.5' E. OF ℄ STUDEBAKER
						RD. A STD. 4" BRASS R.M. CAP
						IN CONC. STAMPED "ARTESIA
						A-2 R.M. NO. 4, 1960 L.A. CO.
						ENGR. R.E. 5869" DN. 9" IN A
						WELL WITH A STD. C.E. COVER.
						for new description see F.B. 3705-217 (WLW)
Bm 9-3	72.283			72.281	-2 = 72.279	R.M. 9-3 SEE ABOVE (WLW)

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

Survey of L.A. Co. Precise Level Net
Job 0501.02 Type Std °F
Surveyed by F. E. Brooks
Notes F. E. Brooks Date Aug 61
Indexed AUG 1 4 '61

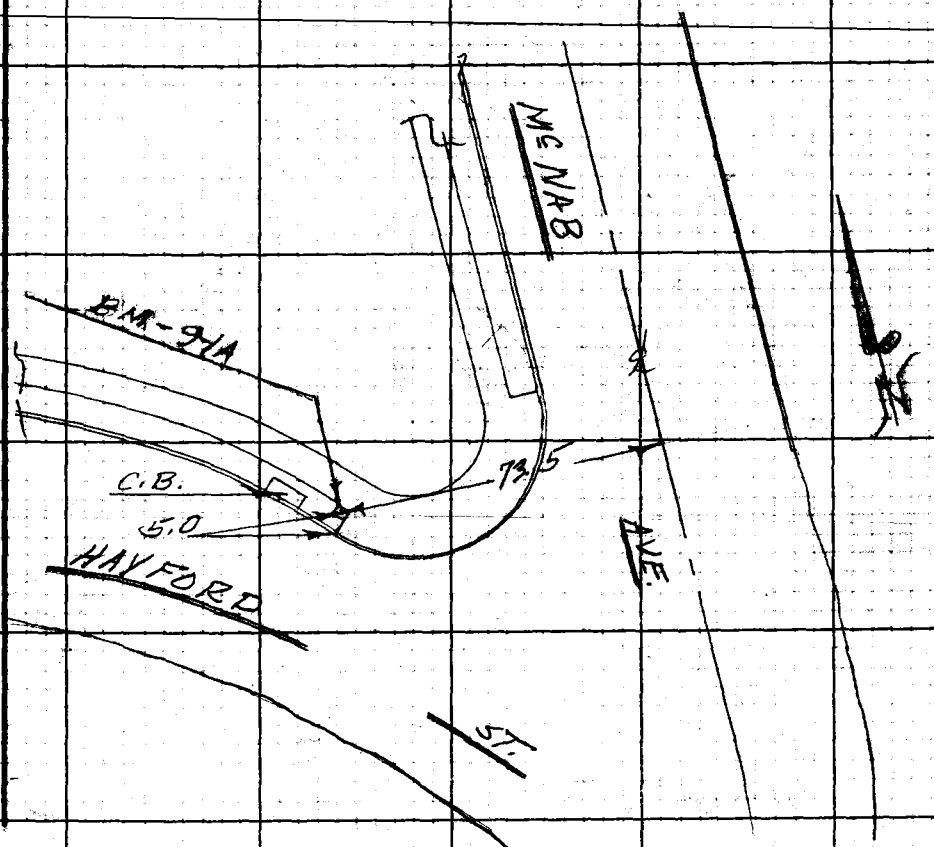
F. B. 1876 Pg. 219

9 1A

B.M. 9-1A

This mark is at the inter. of Hayford St. and McNab Ave. in the NW cor. The mark is 73.5' W of the C/L of McNab Ave. and 5' NE of the N curb of Hayford St. The mark is a L.A.Co. Engr. B.M. Brass Cap set in conc in a well 10" below the surface of the walk and protected by a CI cover marked County Engineer Monument. The mark is stamped

B.M. 9-1A R.E. 5869 1961



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

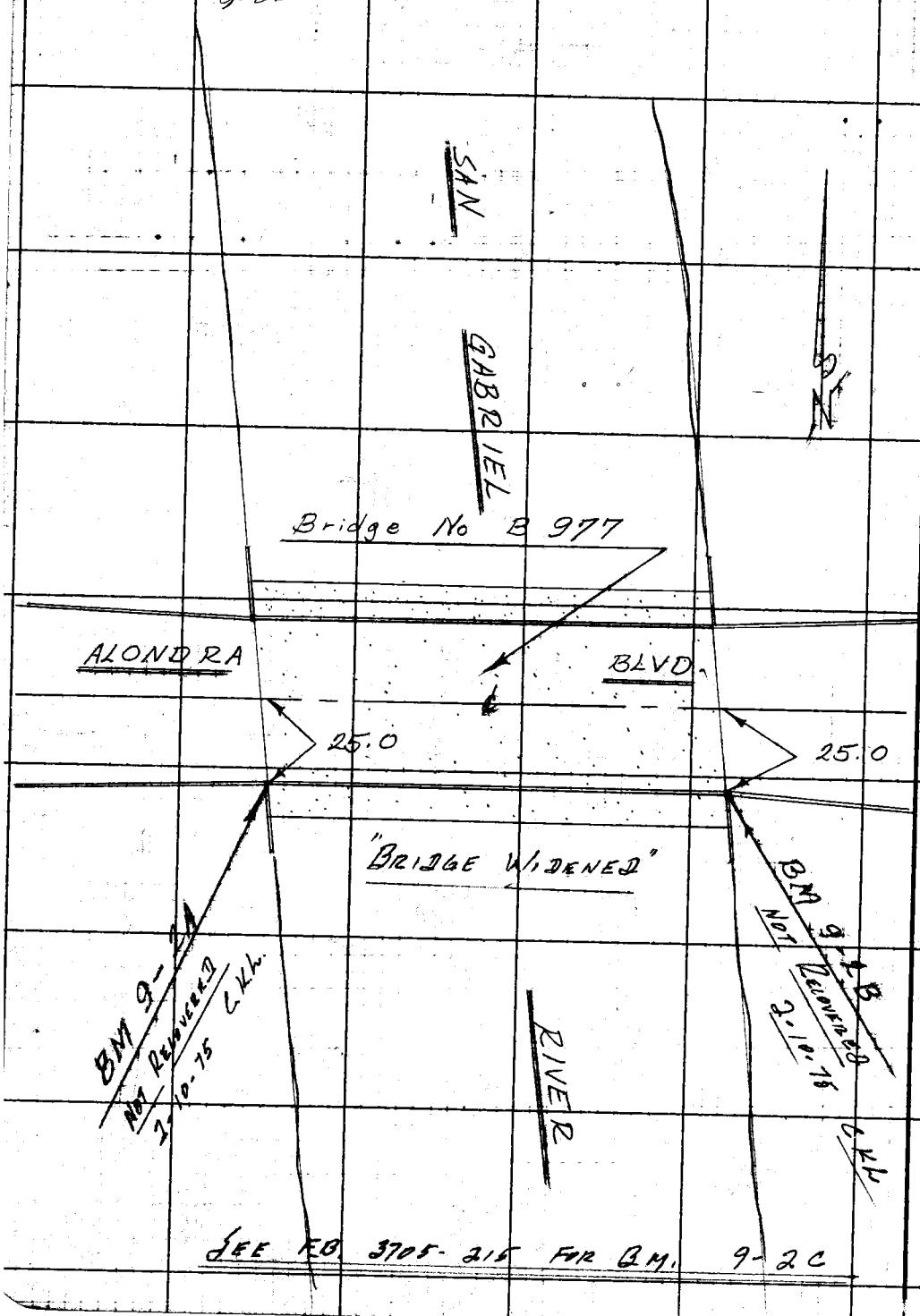
Do not extend notes this side of this line.

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

763098 CE #247—7-53

F. B. ~~1976~~ Pg. ~~214~~ 214

~~92~~ 9-2A
9-2B



RETURN TO
LOS ANGELES COUNTY ENGINEER
900 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
Map No.
Office Work
Checked

Survey of L.A. Co. Precise Level Net
JN 0301.02 Stage Std °F
Surveyed by F. E. Brooks
Notes F. E. Brooks Date Aug 61

F. B. 1376 Pg. 21[illegible]

B.M. 9-2A "NOT RECOVERED" 2-10-75 CKL

This mark is at Alondra Blvd. and the San Gabriel River in the SW cor. of Bridge # B 977. The mark is 25' S of the C/L of Alondra Blvd. on the top of the curb. The mark is a L.A.Co. Flood Control District ~~4"~~ 3½" Brass Disc stamped B.M. 75··46 1952

W. Voge 8-4-65

B.M. 9-2B "NOT RECOVERED" 2-10-75 CKL

This mark is at Alondra Blvd. and the San Gabriel River in the SE cor. of Bridge # B 977. The mark is 25' S of the C/L of Alondra Blvd. on the top of the curb. The mark is ℄ Corps of Engineers U.S. Army ~~4"~~ 3½" Brass Disc stamped SG-18 1958

W. Voge 8-4-65

SEE F.B. 3705-215 FOR Bm 9-2C

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.

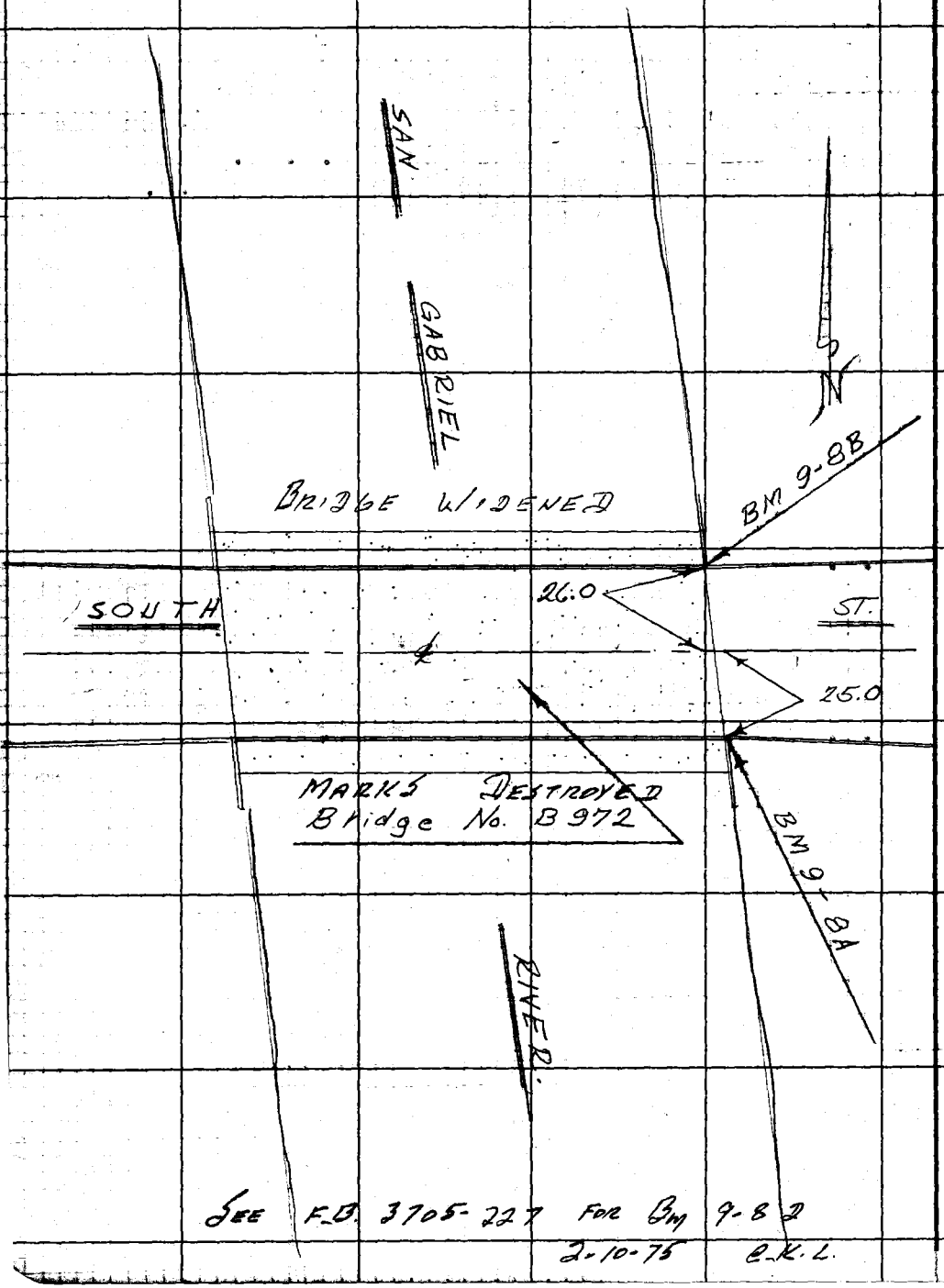
RETURN TO
LOS ANGELES COUNTY ENGINEER
400 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

F. B. 1675 PG. 216

216

9-8A
9-8B



SEE F.B. 3705-227 FOR BM 9-8A

2-10-75 E.K.L.

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Notes Ck'd by
Map No.
Office Work
Checked

Survey of L.A. Co. Precise Level Net
JN 0301.02 Tape Std °F
Surveyed by R. E. Brooks
Notes R. E. Brooks Date Aug 61

F. B. 1875 Pg. 21

9-8A
9-8B

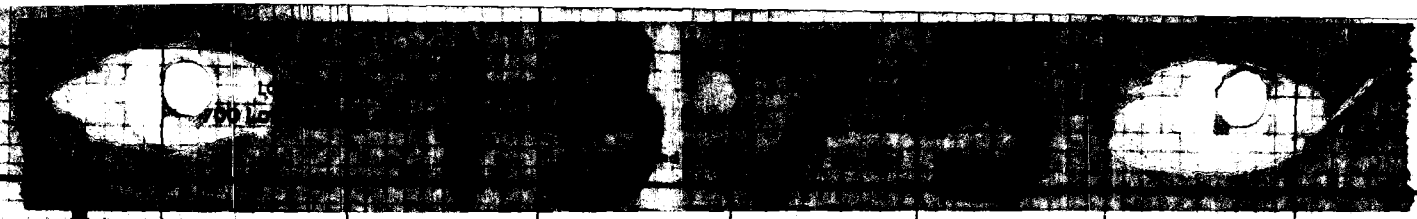
B.M. 9-8A
This mark is at South St. and the San Gabriel River in the SE cor. of Bridge # B 972. The mark is 25' S of the C/L of South St. on the top of the curb. The mark is a L.A.Co. Flood Control District 4" Brass Disc stamped B.M. 74-54 ~~1954~~ 1952
3½" W Voge 8-4-65
DESTROYED By BRIDGE WIDENING 2-10-75 CKL

B.M. 9-8B
This mark is at South St. and the San Gabriel River in the NE cor of Bridge # B 972. the mark is 26' N of the C/L of South St. on the top of the curb. The mark is a Corps of Engineers U.S.Army 4" Brass Disc stamped SG-12 1958
3½" W Voge 8-4-65
DESTROYED By BRIDGE WIDENING 2-10-75 CKL

See FB 3705-227 For B.M. 9-8B

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 ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247 7-63