Notes Ck'd by	Survey of
Map No.	W. O. Tape No. St'd. °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

F. B. PG.

1206

S.W. file O.K.

Microfilmed Jan '88

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F. B. _____ PG. _____

Notes Ck'd by	Survey of [illegible]
Map No.	W. O. [illegible] Tape No. St'd. °F
Office Work	Surveyed by H. F. Naumann
Checked	Notes G. E. Dreier Date Oct. 51'
Date	Indexed A. C. Johnson 10-22-51

F. B. [illegible] PG. 5

LINE No. 5

LOS ANGELES CO. PRECISE LEVEL NET

JOB No. 4923

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

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76F309S 247 10M 1-49

BM 5-1 (WATTS H-2)

THIS STATION IS AT ALAMEDA AND RANDOLPH STS., 12.6 FT. NORTHERLY FROM THE MOST NORTHERLY PACIFIC ELECTRIC RAILWAY TRACK IN RANDOLPH ST. AND 12.4 FT WESTERLY FROM THE MOST WESTERLY SOUTHERN PACIFIC RAILROAD TRACK IN ALAMEDA ST., 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. [illegible] STATION WATTS H-2 R.E. 4233, [illegible] BY CITY OF HUNTINGTON PARK 1938," WAS SET IN CONCRETE, 2 INCHES BELOW SUBGRADE OF STREET.

NO SUB-[illegible] MARK.

REFERENCE: F.B. 796-116

L.A. Co. 1952 Adj = 176.046

B.M. 5-2 (U.S. 4078) (L. 769)

AT Huntington Park at the intersection of E. Alameda St. [illegible] 8 ft East of [illegible] 8 ft North of the North [illegible] of Randolph St. At the Red Devil Oil Mfg Corp Bldg. in the S. Wall, 1.9 Ft. East of the South-West Corner, and 3.2 ft. above the side-walk. A USC+GS 4" ~~B.M.~~ Brass Bench Mark ~~A Standard~~ Disk, Stamped "X 769 1945" and set vertically.

FEB 10 Sept 64

L.A. Co. 1952 Adj.= 179.345

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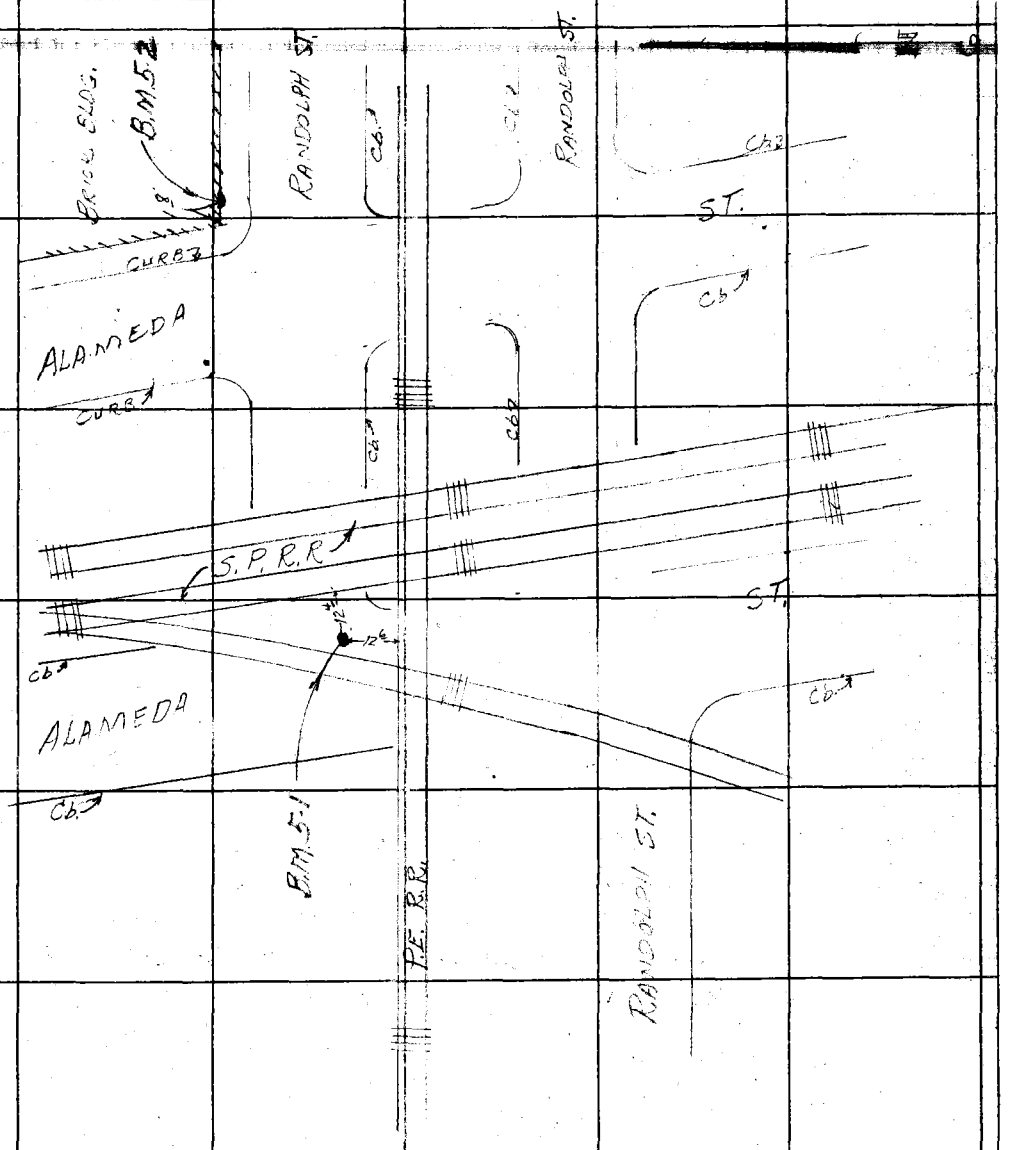
Notes Ck'd by	Survey of Co. Precise Level Net
Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by H.F. Naumann
Checked	Notes [illegible] Date [illegible]
Date	Indexed K. C. Johnson

F. B. Pg.



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76F309S 247 2-51

F. B. 1206 Pg. 8

B.M. 5-3 (U.S. 4080) (WATTS H-4) (L.A.C.)

AT L.A., at the intersect. of E. Florence Ave. and Alameda St., 6 ft. W of the line of the E curb of Alameda St. and about 1 ft. N of the ℄ of E Florence Ave. A L.A. Co. Survey Control System std disk, stamped "Watts H 4 1938 RE 4233;" and set in the top of a concrete post about 1 ft. underground, access to which is had thru a pipe with a 10 in. cast iron cover marked "COUNTY SURVEYOR MONUMENT 2"

L.A. Co. 1952 Adj.= 154.11

Note: L.A. Co. Rd. Dept. Cover Corr. Otherwise 5-1-70 JMM

B.M. 5-4 (U.S. 4079) (W 769)

AT Huntington Park, at the intersection of E Alameda St. and E. Florence Ave. 86 ft. E of the E curb of E Alameda St., 18.3 ft. N of the N curb of E Florence Ave. at the Miller Gasket Co. Bldg., in the brick wall, 2.8 ft. N of the SW Cor. and about 2 ft. above the ground. ~~A std disk~~ stamped "W 769 1945" and set vertically.

L.A. Co. 1952 Adj.= 157.731

The mark is a USC&GS 4" Brass Bench Mark disk
FEB 10 Sept 64

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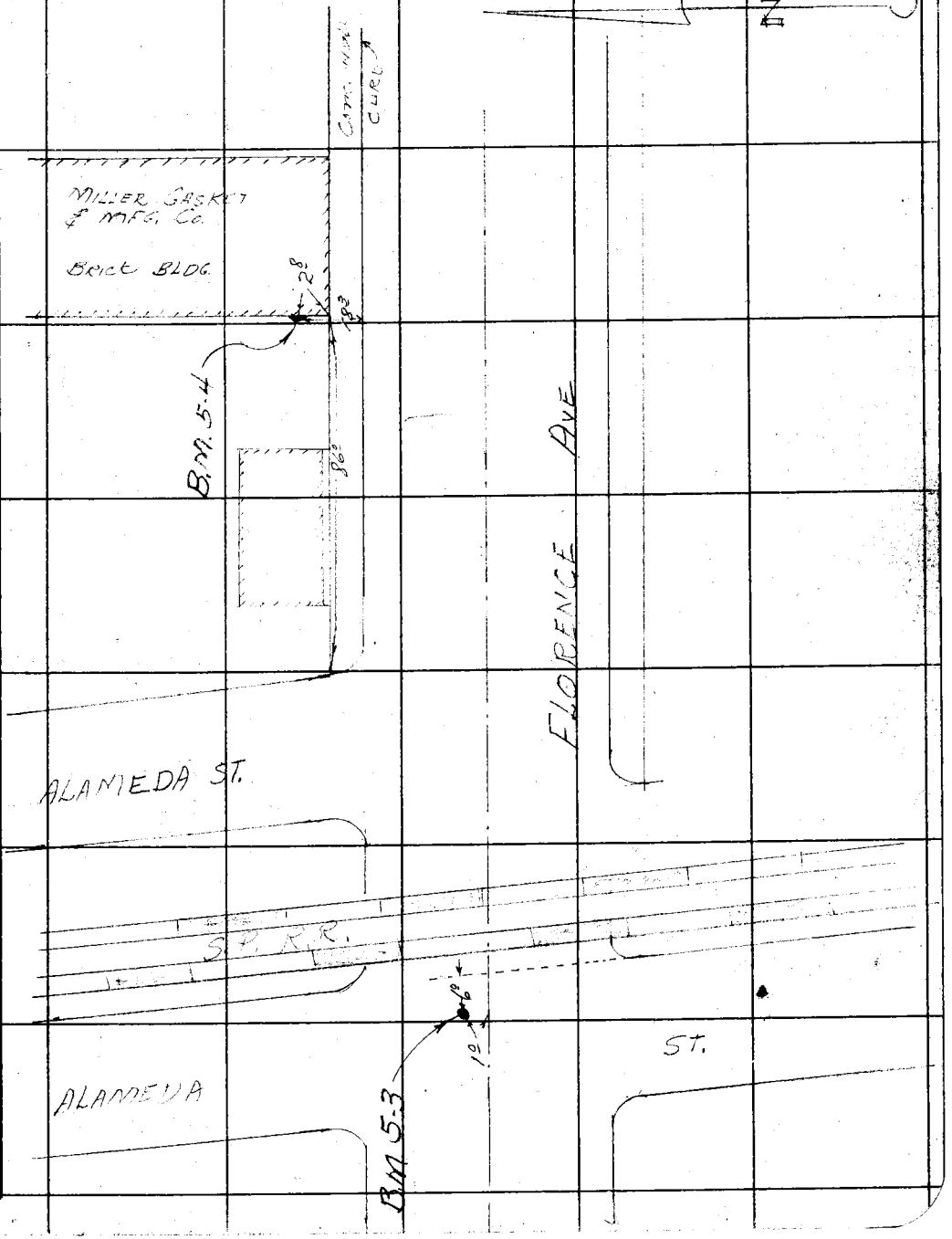
Notes Ck'd by	Survey of PRECISE LEVEL NET
Map No.	W. O. 2923 Tape No. St'd. °F
Office Work	Surveyed by
Checked	Notes Date 7-24-51
Date	Indexed

F. B. PG. 9



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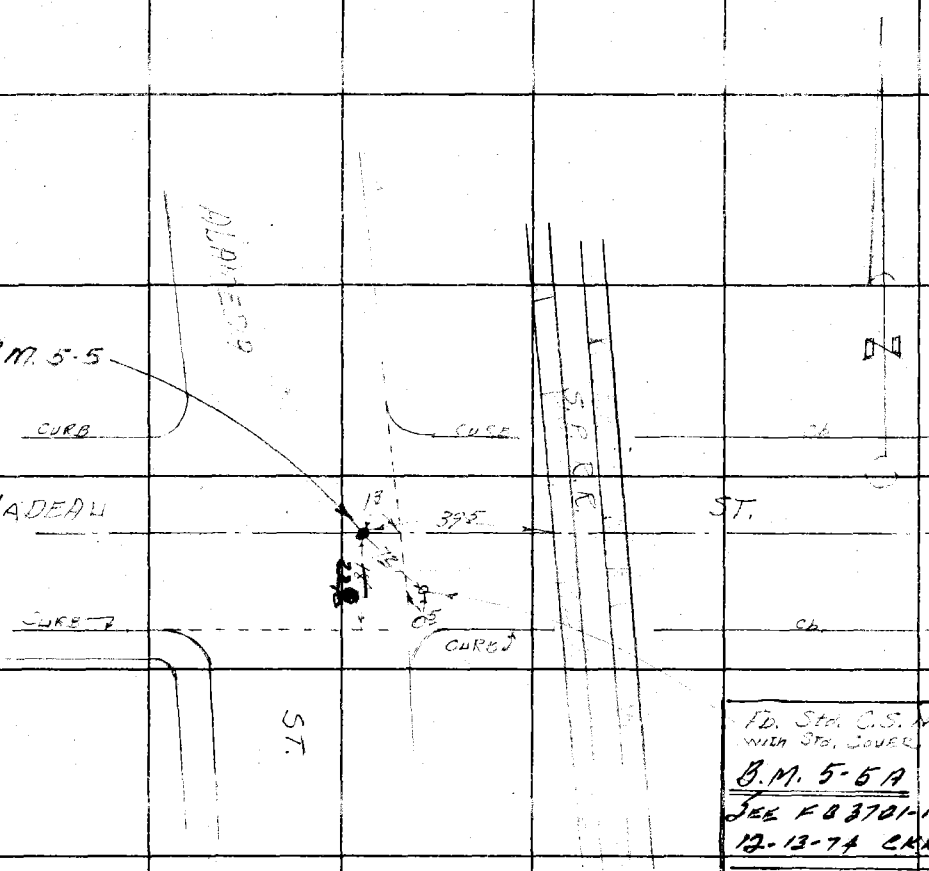
76F909S 247 2-51

F. B. 1206 Pg. 10

B.M. 5-5 (WATTS I-4A) (U.S. 4081) (L.A.C)

At Los Angeles, L.A. Co., at the intersection of Alameda and Nadeau st. at the C.L. of Nadeau St. and about 6 in W of the line of the E curb of Alameda St. A L.A. Co. Survey Control system 4" Traverse disk, stamped "WATTS I-4A 1938 R.E. 2177" and set in the Top of a concrete post about 1 ft. underground access to which is had through a pipe with a cast-iron cover marked "COUNTY SURVEYOR MONUMENT."

L.A.Co. 1952 Adj.: 139.456



Fd. Std. C.S. Mon. with Std. Cover

B.M. 5-5A

See FB 3701-18

12-13-74 CKL.

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Map No.	W. O. Tape No. St'd. °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

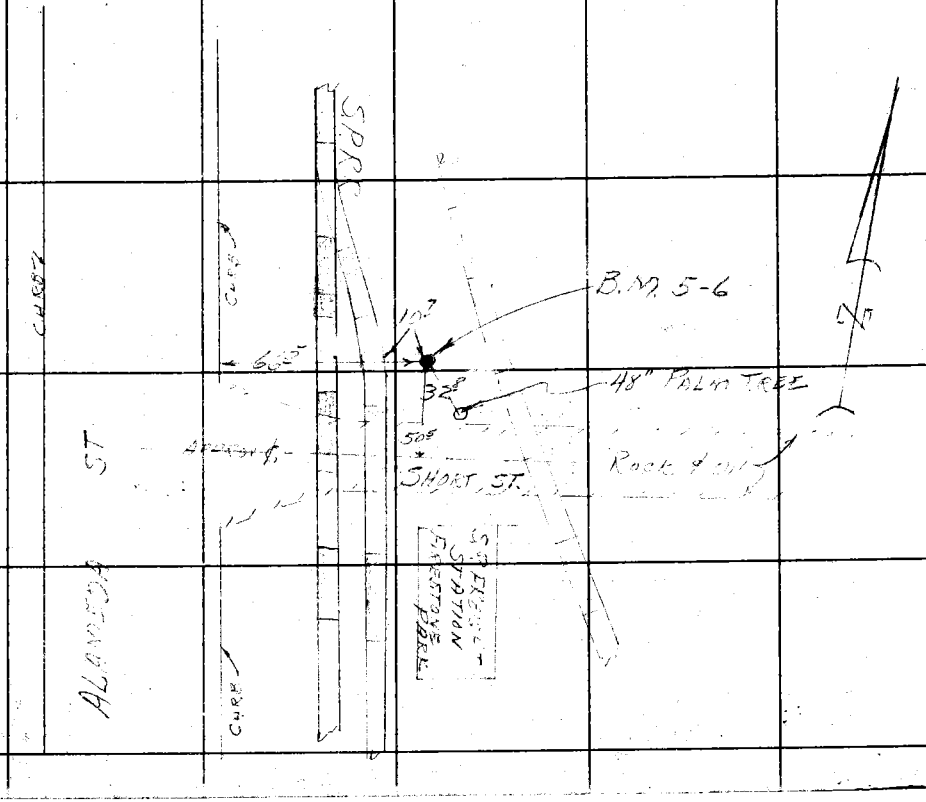
F. B. PG.

B.M. 5-6 (W.S. 34) (A-33)

AT FIRESTONE PARK (FORMERLY FLORENCE), ON THE S.P. R.R. ABT. 0.4 MI N. OF THE FIRESTONE BLVD. XING, ABT 90' N OF THE RR. STA, AND 1' E OF THE NEAREST RAIL. A STD. DISK STAMPED "A33 1920" AND SET IN THE TOP OF A SMALL IRREGULAR GRANITE POST

L.A.Co. 1952 Adj: 135.428

NOTE: SEE FB 3701-19 FOR NEW SKETCH AND DESCRIPTION 8-31-64 MOODY



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76F309S 247 2-51

F. B. 1206 PG. 12

B.M. 5-7 (WATTS I-5A)

This station is on Alameda St. north of 85th St. in unincorporated territory of Los Angeles Co., [illegible] westerly from the most westerly rail of the main line of the Southern Pacific R.R. in Alameda St. and 392.0 ft northerly of the north curbline of 85th Street, and 3.5 ft west of the east curb of Alameda Street, [illegible] cut thru pavement and protected by a cast iron cover marked "COUNTY SURVEYOR MONUMENT."

Station Mark: A std. 4 in. brass tablet, inscribed "L.A. Co. Survey Control System Traverse Station Watts I-5A R.E. 2177, Set by County Surveyor 1938," was set in concrete, 2 in. below [illegible] of street.

NO SUB-SURFACE MARK

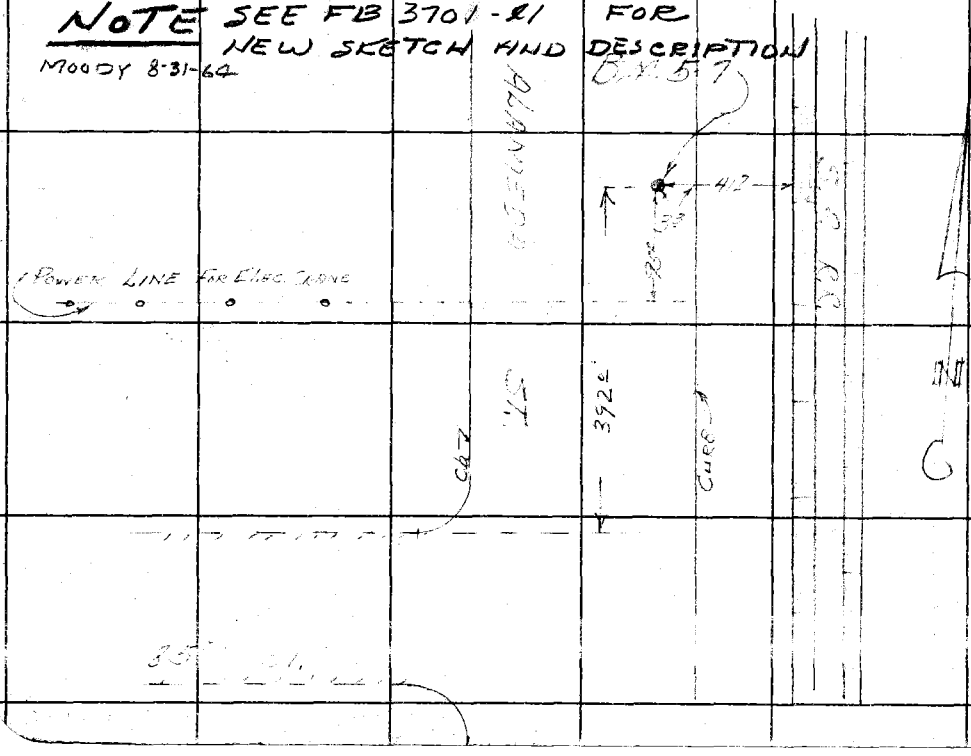
[illegible]

W.E.Bay 2/26/64

L.A. Co. 1952 Adj.: 128.425

NOTE SEE FB 3701-21 FOR NEW SKETCH AND DESCRIPTION

MOODY 8-31-64



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Notes Ck'd by	Survey of Co PRECISE LEVEL NET
Map No.	W. O. 4023 Tape No. St'd. °F
Office Work	Surveyed by H. F. [illegible]
Checked	Notes [illegible] Date [illegible]
Date	Indexed [illegible]

F. B. PG.

B.M. 5-8 (WATTS I-6)

This station is on Alameda St., about 134 ft. northerly from the center of pavement in East 92nd St., and 40.2 ft. westerly from the most westerly rail of the Southern Pacific Railroad, in a well cut through pavement and protected by a cast iron cover marked "County Surveyor Monument."

Station Mark: A standard 4 in brass tablet, inscribed "L.A.Co. Survey Control System Traverse Station Watts I-6 R.E. 2177, Set by County Surveyor 1938," was set in concrete, 2 in. below subgrade of street. No sub-surface mark.

Reference F.B. 796-89.

L.A. Co. 1952 Adj: 117.962

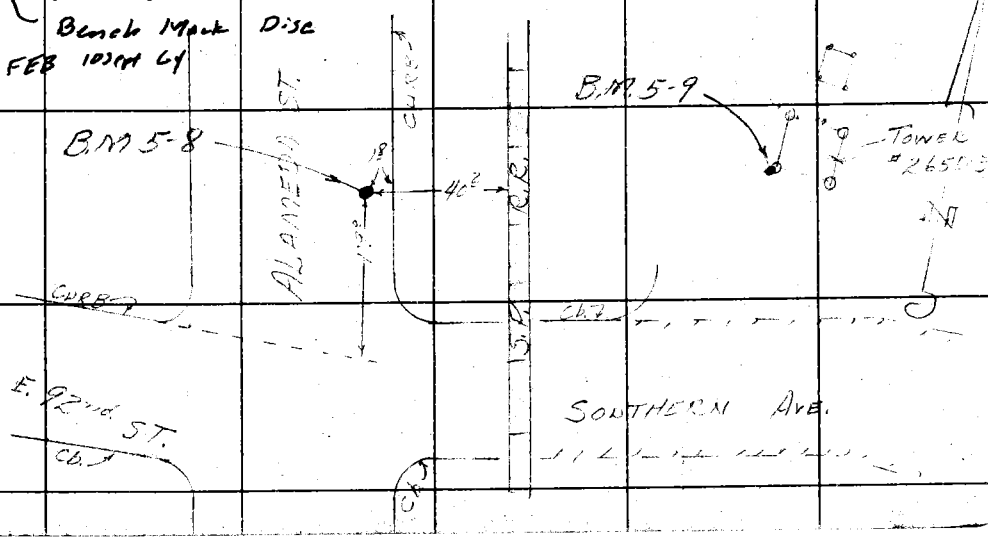
B.M. 5-9 (U.S. 4082) (LC 769)

At Los Angeles, L.A.Co. nr the intersection of Alameda St. an So. Ave., abt. 118 [illegible] of the C.L. of So. Ave., abt 90 ft E. of the [illegible] of the So. Pacific Co. RR tracks, 66 ft E of the C.L. of Alameda St. in the concrete foundation of the SW leg of a large power transmission line tower, and abt 5 in. higher than the ground. ~~A std. disk~~, stamped "LC 769 1945."

A USC&GS 4" Brass Bench Mark Disc

FEB 10 Sept 64

L.A. Co. 1952 Adj: 120.453



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76F309S 247 2-51

F. B. 1206 PG. 14

B.M. 5-10 (WATTS I-7A)

This station is on Alameda St. between Tweedy Blvd. and Nebraska Ave., in unincorporated territory of Los Angeles County, in a well cut through the pavement and protected by a cast iron cover marked "County Surveyor Monument."

Station Mark: A standard 4 in. brass tablet, inscribed "Los Angeles County Survey Control System Traverse Station Watts I-7A. R.E. 2177, Set by County Surveyor 1938," was set in concrete 2 in. below the subgrade of street.

No Sub-surface mark.

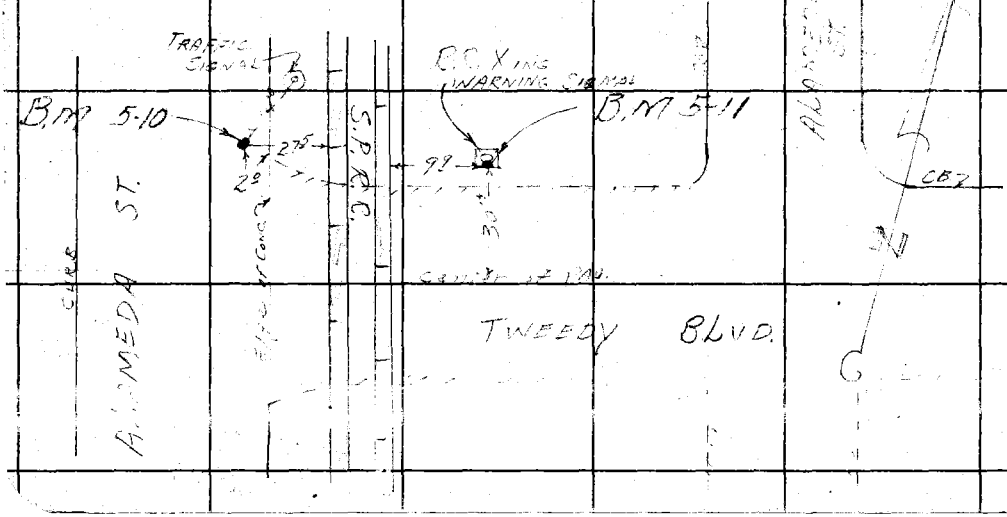
Reference: F.B. 796-121

L.A. Co. 1952 Adj. = 111.821

B.M. 5-11 (U.S. 4083) (30 L.A.C.R.D.)

[illegible] of the C.L. of the Blvd. abt. [illegible] W of the W edge of Alameda St. abt. [illegible] E of the E rail of the double tracks, at crossing warning signal BE 4915, and in the S side of the concrete base A L.A. Co. Rd. Dept. ~~std.~~ 1½" Brass dick, stamped "BM 30."

L.A. Co. 1952 Adj. = 113.989



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Notes Ck'd by	Survey of Co. PRECISE LEVEL NET
Map No.	W. O. 4923 Tape No. St'd °F
Office Work	Surveyed by [illegible]
Checked	Notes DREIER & LANDA Date 9-25-51
Date	Indexed [illegible]

F. B. [illegible] PG. [illegible]

B.M 5-12 WATTS I-7

This station is in the So. Pacific RR. Right of way along Alameda St. at 103rd St., 19.4 ft. northerly from the south curb line of 103rd St. produced easterly and 25.2 ft. westerly from the most westerly rail of the So. Pacific RR.

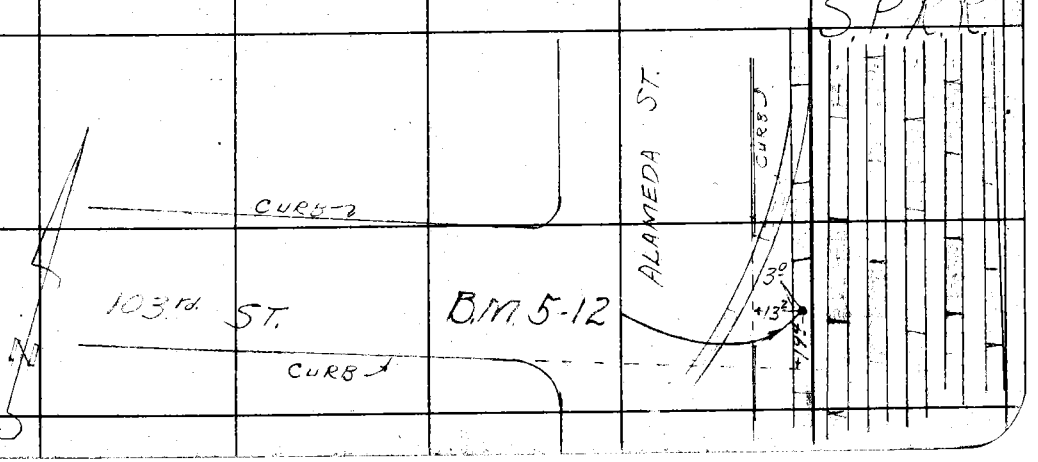
Station mark: A std. 4 in. brass tablet inscribed "L.A. Co. Survey Control System Traverse Station Watts I-7 R.E. 2177, Set by County Surveyor 1938," was set in concrete, ~~flush~~ 24 IN. DEEP with surface.

No sub-surface mark.

Reference: F.B. 796-122.

(Fd. MAX RESET BETWEEN TIES DN. 24")

L.A.Co. 1952 Adj. = 107.685



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76F3096 247 2-51

F. B. 1206 Pg. 16

B.M. 5-13 (U.S. 4085) (6" L.A.C.S.)
About 200 ft N of the N City limit of Lynwood, L.A.Co. nr the intersection of Alameda St. and Century Blvd. 199.0 ft N of C.L. of Century Blvd. 0.8 ft. E of the E curb of Alameda St. and about 3/4 in. higher than curb. A L.A.Co Surveyor 2½" Brass disk, stamped "6" and set in the top of a concrete post projecting about 2 in. above ground L.A.Co. 1952 Adj = 103.665

B.M. 5-14 (U.S. 4086) A 769 (L.A.C.S.)
About 200 ft. N of the N City limit of Lynwood, LA Co, nr the intersection of Alameda St. and Century Blvd. 199.0 ft N of the C.L. of Century Blvd. 90.8 ft E of the E curb of Alameda St. on the E side of the So. Pacific Co RR, 34.9 ft E of the C.L. of [illegible] E [illegible] at the point [illegible] L.A. Co. 1952 Adj. = 102.736

B.M. 5-15 (Watts I-8)
This station is in the So. Pacific RR right of way along Alameda St., 17.4 ft. northerly from the north edge of pavement in Century Blvd. and 19.6 ft. Westerly from the most westerly rail of the So. Pacific RR
Station Mark: A std. 4 in. brass tablet inscribed "L.A.Co. Survey Control System Traverse Station Watts I-8 R.E. 2177. Set by County Surveyor 1938," was set in concrete, flush with the surface.
Note. Fo Mon RESET ~ 36" BELOW SURFACE.
L.A. Co. 1952 Adj. = 100.022

The mark is a L.A. Co. Surveyor 2½" Brass Cap set in conc flush and is stamped A 769 1945 RE 2177

FEB 10 Sept 64

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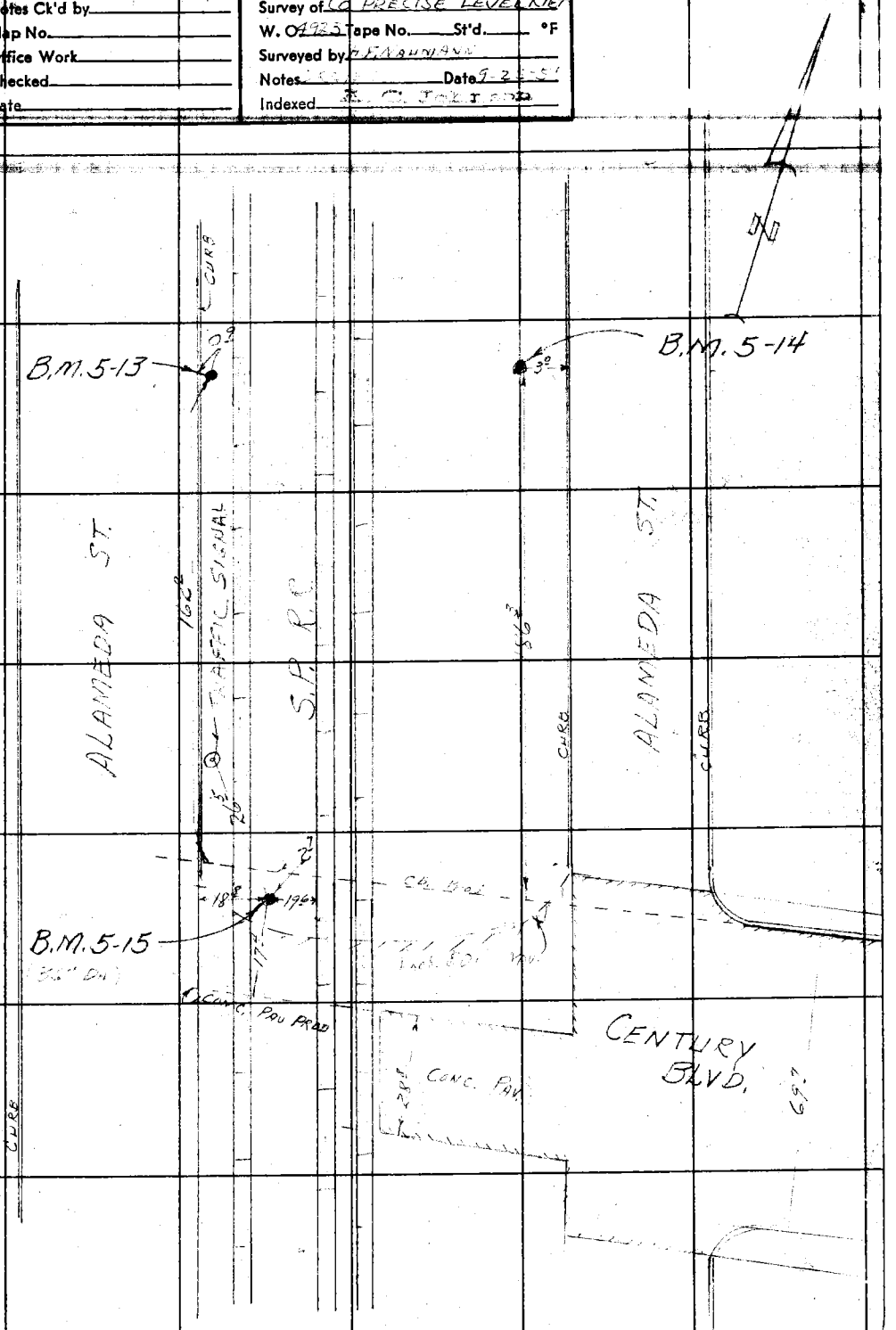
Map No.	W. O. 4925 Tape No. St'd. °F
Office Work	Surveyed by H. F. NAHMANN
Checked	Notes Date 9-2-51
Date	Indexed E. C. JOKIJOKI

F. B. PG.



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76F309S 247 2-51

F. B. 1206 Pg. 18

B.M 5-16 (WATTS I-9)

This Station is in the City of Lynwood, in the intersection of Fernwood Ave. (Santa Ana Blvd. to the west of Alameda) and Alameda St. 54.5 ft. westerly from the most westerly rail of the So. Pacific RR in Alameda St. and 8.1 ft. southerly from the most southerly rail of the Pacific Electric Railway in Fernwood Ave.

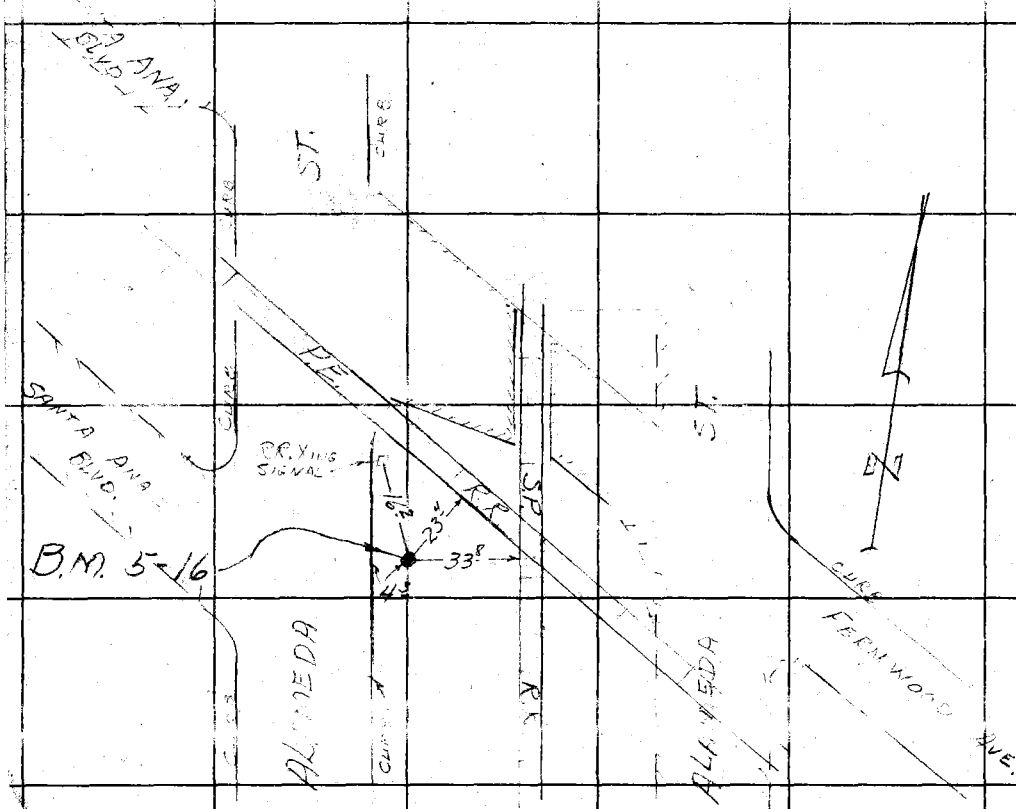
Station Mark: A Sta. 4 in brass tablet inscribed "L.A. Co. Survey Control System Traverse Station Watts I-9 R.E. 2177, Set by County Surveyor 1939," was set in concrete, flush with surface.

No Sub-Surface Mark.

Reference: F.B. 796-253, 254.

NOTE: S'y TRACKS HAVE BEEN REMOVED (P-255)

L.A. Co. 1952 Adj. = 97.828



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Map No.	W. O. 4923 Tape No. ____ Std. ____ °F
Office Work	Surveyed by [illegible]
Checked	Notes Orifice & Lands Date 9-25-51
Date	Indexed R. C. Johnson

F. B. [illegible] Pg. 19

B.M. 5-17 (WATTS J-11)

This station is in the intersection of Alameda St. and El Segundo Blvd. In the City of Compton, 2.5 ft. easterly from the east edge of the pavement in Alameda St., 30.0 ft. westerly from the west rail of the So. Pacific R.R. and 9.5 ft. southerly from the center of pavement in El Segundo Blvd. produced easterly, in a well cut through the pavement, and protected by a cast iron cover marked "County Surveyor Monument."

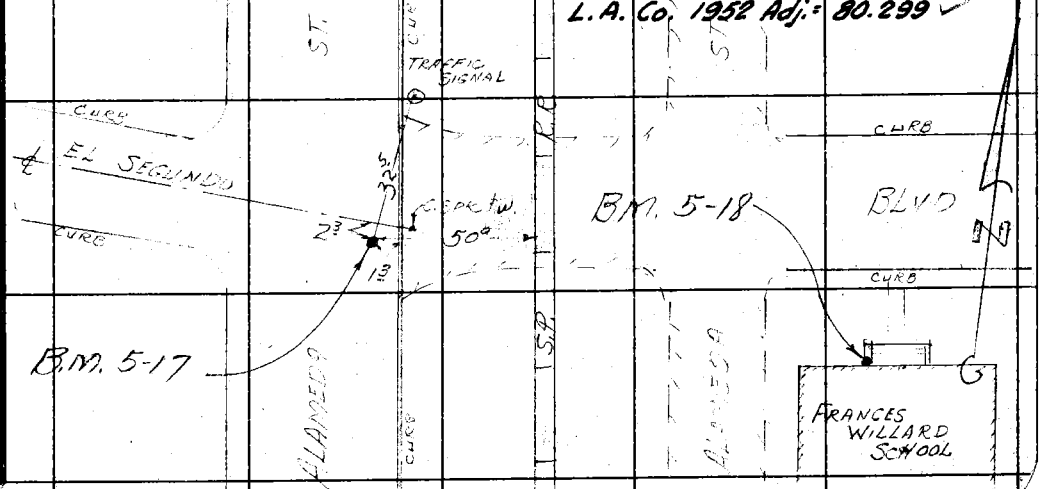
Station Mark: A std 4 in brass tablet, inscribed "L.A. Co. Survey Control System Traverse Station Watts J-11 R.E. 2177, Set by Co. Surveyor 1939" was set in concrete, 2 in. below the subgrade of street. No Sub-Surface Mark. Reference: F.B. 796-235-236.

L.A. Co. 1952 Adj.: 75.959 ✓

B.M. 5-18 (U.S. 3743) N 615

At Compton, LA Co. about 1.5 mi N of the intersection of Alameda and Compton Sts., at the SE Cor of the intersection of Alameda St. and the SP Co. RR track with El Segundo Blvd. at the Francis Willard Sch at the main N entrance to the sch. bldg. at the W end of the steps, and in the top of the SW cor. of the con. banister. ~~A std~~ USC&GS 4" Brass Bench Mark disk stamped "N 615 1941."

L.A. Co. 1952 Adj.: 80.299 ✓



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76F3095 247 2-51

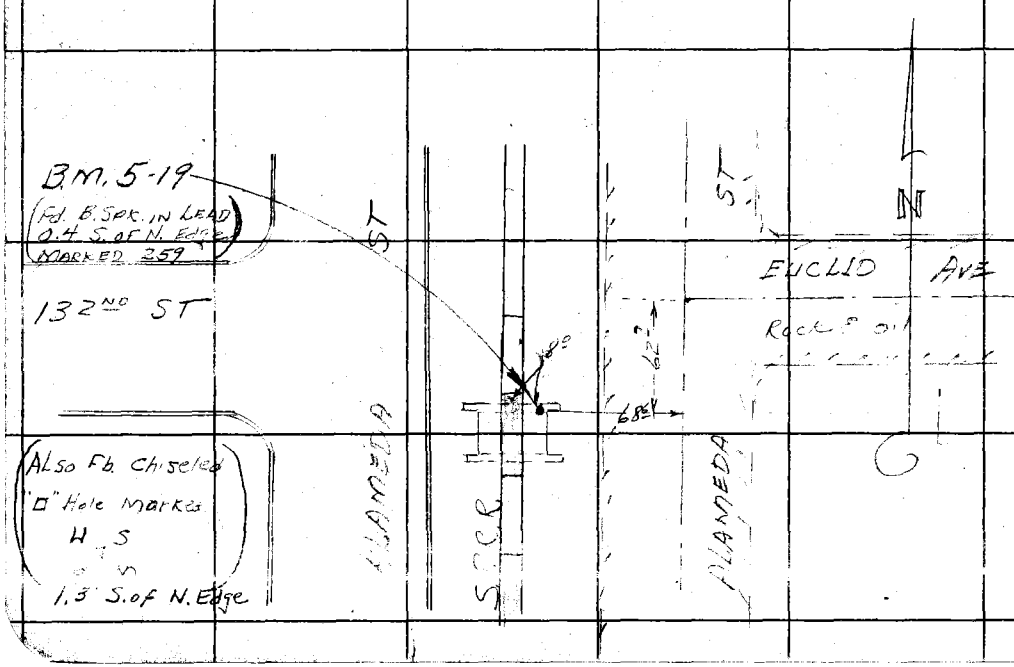
F. B. 1206 PG. 20

gone
9-1-64
SAM

B.M. 5-19 (U.S. 17)
(New Description): 259.
At Compton at the intersection of Euclid Ave. and N. Alameda St., 68.6' W of the ℄ of the St., 62.7' S of the ℄ of the Ave., on a SPRR culvert, in the top of the E. conc. headwall, 0.5' S of the N end, and 8 ft E of the ℄ of the east track.
Boat Spike & Copper Bolt. Note: The origin of this bench is unknown.

L.A. Co. 1952 Adj. = 75.552

NOTE: SEE FB 3701-47 FOR BM 5-19 A
9-1-64 moody



(Also Fd. Chiseled "□" Hole Marks H S 1.5 S. of N. Edge)

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Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

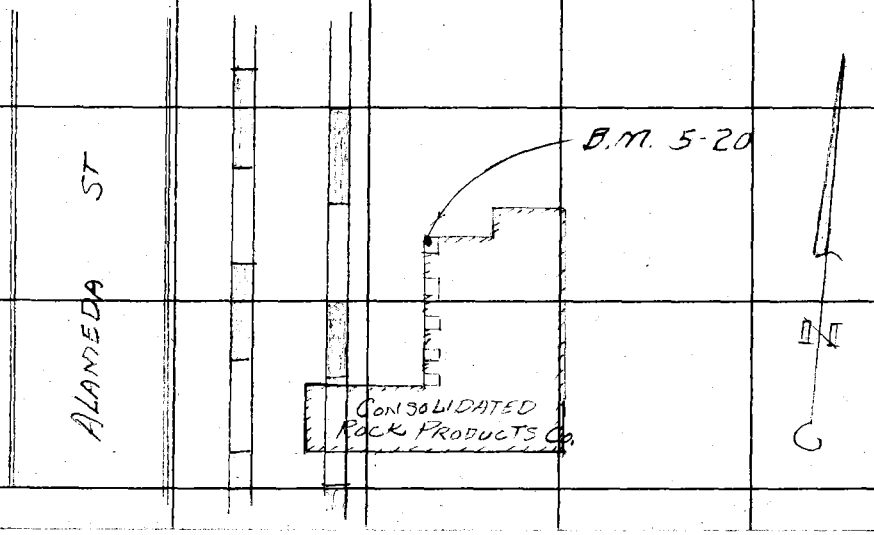
F. B. Pg. 21

B.M. 5-20 (U.S. 4488) (Q 766)

AT COMPTON, L.A. Co., ABT 0.15 MILE S. OF THE INTERSECTION OF ALAMEDA AND OLIS STS. ABT 100FT E. OF THE So. PACIFIC Co. R.R. TRACK, AT THE CONSOLIDATED ROCK PRODUCTS SAND STONE WAREHOUSE AND IN THE TOP OF THE CONCRETE BASE OF A PILLAR. A STD DISK, STAMPED "Q 766 1945."

L.A.Co. 1952 Adj. = 73.372

NOTE: SEE F.B. 3701-49 FOR NEW SKETCH AND DESCRIPTION 9-1-64 MOODY



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76F3095 247 2-51

F. B. 1206 PG. 22

B.M. 5-21

FEB 10 Sec'd

ALAMEDA ST. (E. SIDE OF S.P.R.R.) AND COMPTON BLVD, L.A. Co. Surv. 2½" Button Brass Cap ~~STANDARD COUNTY SURVEYOR MONUMENT~~ - ~~RE 329~~, RE 329 MARKED "B.M. 5-21 1951" SET IN CONCRETE 18" BELOW THE SURFACE, 19.7 FT. N. OF THE LINE OF THE N. CURB OF COMPTON BLVD PRODUCED FROM THE WEST AND 4 FT. E OF THE W. CURB OF ALAMEDA ST, IN A WELL CUT THROUGH THE PAVEMENT AND INDICATED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

L.A. Co. 1952 Adj. = 66.182

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

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

Notes Ck'd by	Survey of Co Precise Level Net
Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by H. F. Naumann
Checked	Notes [illegible] Date [illegible]
Date	Indexed [illegible]

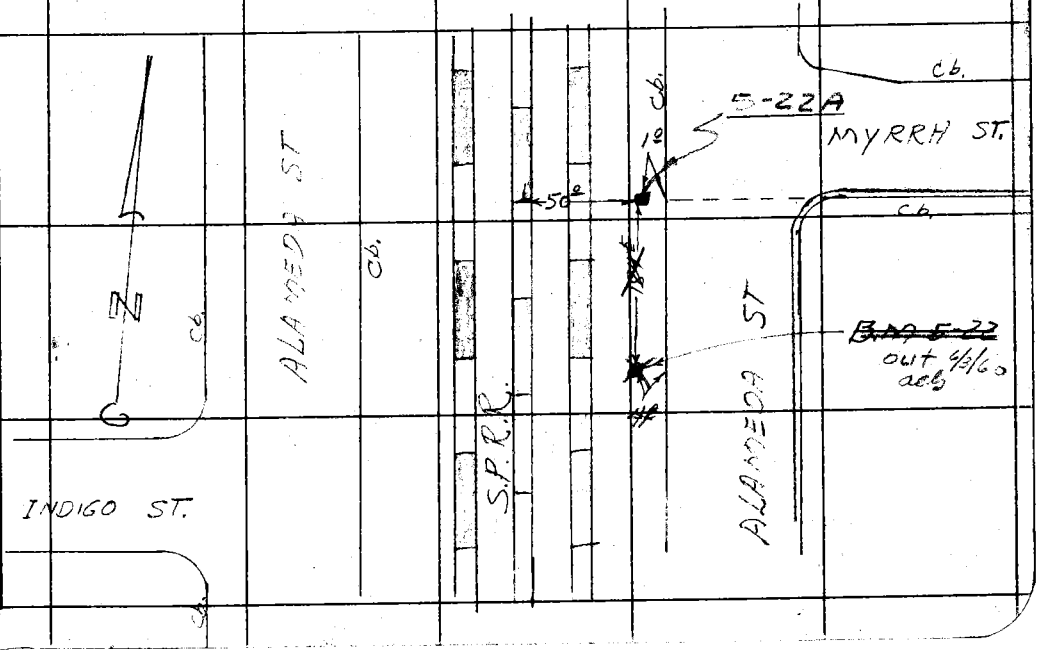
F. B. [illegible] PG. [illegible]

B.M. 5-22-A ~~[illegible] (D-33-67 (USCS))~~

At Compton, L.A. Co., on the SP Co. RR, ~~81 ft. E of the Sta. ticket office~~ at the ~~NE~~ SW Cor of the intersec. of Alameda St. and the prolongation of ~~Indigo~~ MYRRH St., ~~[illegible]~~ 50 ft. E of the center line of the main track, ~~west of the E fence~~, and about 2.5 ft lower than the track, ~~A US Geo. Sur. std. cap. stamped "67" and~~ SET A STD. CO. ENGR. BM BRASS CAP MON. MKD "BM 5-22A ~~[illegible]~~ 1960 RE5869" IN CONCRETE IN A WELL on 10" PROTECTED, ~~set in concrete in a 10" [illegible] project~~ BY A CAST IRON COVER MKD "COUNTY ENGINEER MONUMENT" ~~[illegible] about 0.5 ft. above ground.~~

~~L.A. Co. 1952 Adj. 64.778~~ ✓

SET 5-22-A 6/3/60 acls



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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51

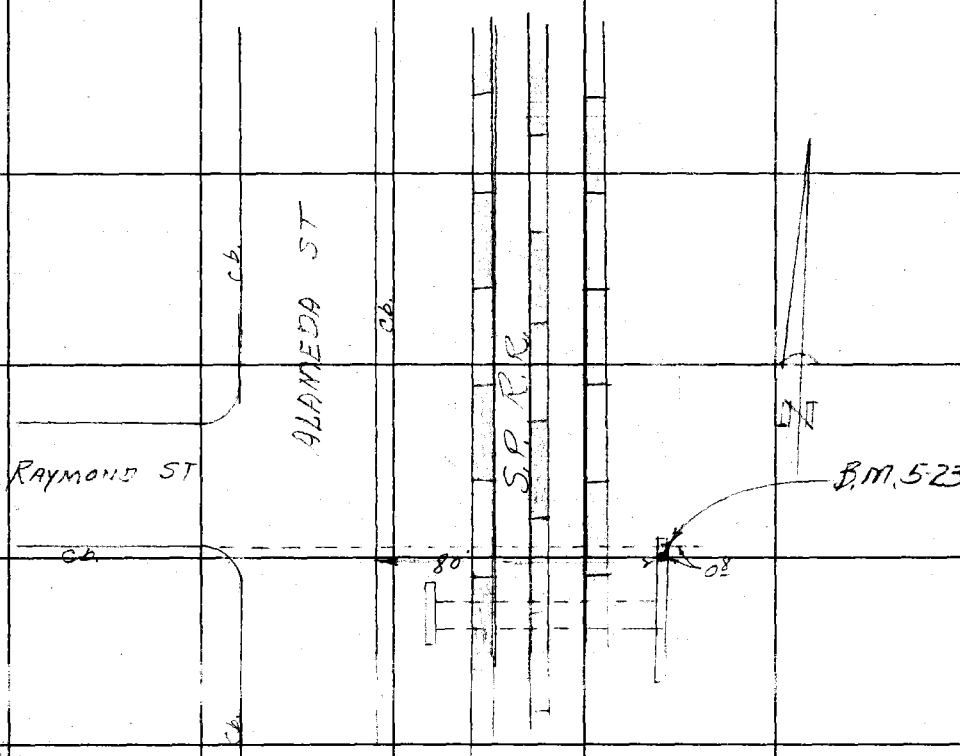
F.B. 1206 PG. 24

B.M. 5-23 (U.S 4091) [19 (L.A.C.R.D.)]

At Compton, L.A.Co, at the intersection of Alameda and Raymond Sts. 78 ft. E of the E curb of Alameda St, about 0.8 ft. S of the line of the S curb of Raymond St, at a culvert under the SP Co. RR, in the top of the E headwall, 1.5 ft. S of the N end, 27 ft. E of the Center line of the main track, and about 2 ft. lower than the top of the main-track rail. A L.A. Co Rd. Dept. ~~Std.~~ disk, stamped "19".

1½"

L.A. Co. 1952 Adj. = 64.447 ✓



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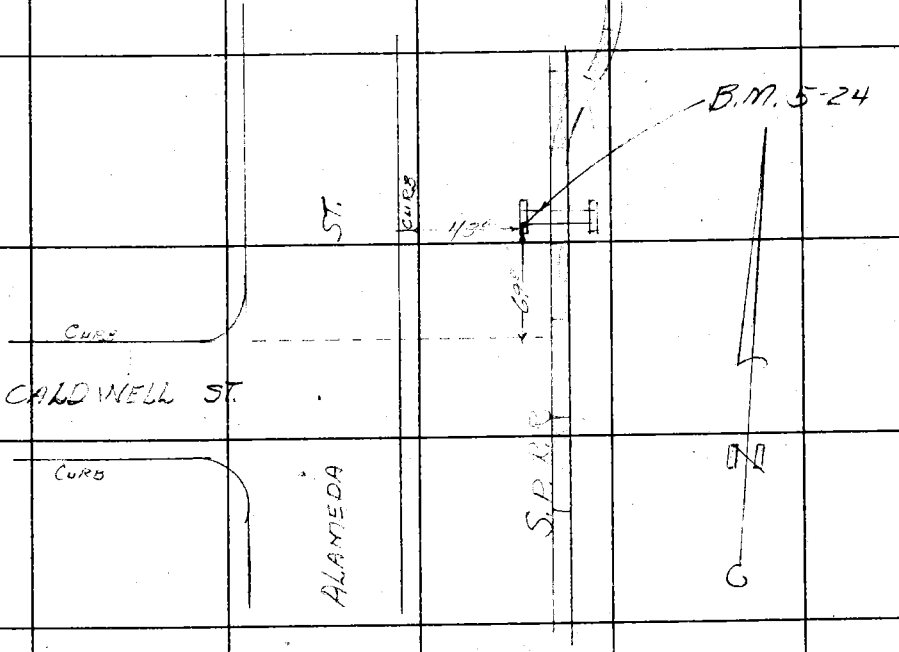
Notes Ck'd by	Survey of Co Precise Level Net
Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by H. F. Naumann
Checked	Notes Drawn Date 10-1-51
Date	Indexed [illegible]

F. B. 1206 PG. 23

B.M. 5-24 (U.S. 3757) (T 615)

AT COMPTON, L.A. Co., ABT 0.4 MI. S. OF THE S.P. Co. R.R. STA., OPPOSITE THE PACIFIC WIRE PRODUCTS CO. BLDG., 12 FT S. OF THE S. END OF A SWITCH, AT CULVERT 4945, IN THE TOP OF THE S. END OF THE W. CONCRETE HEAD WALL, 10 FT W OF THE CENTER LINE OF THE TRACK, AND ABT. 1 FT LOWER THAN THE TRACK. A USC&GS 4" Brass Bench Mark Disk ~~ST. DISK~~, STAMPED "T 615 1941." ~~W.S. 52~~

L.A. Co. 1952 Adj. = 64.237 ✓



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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

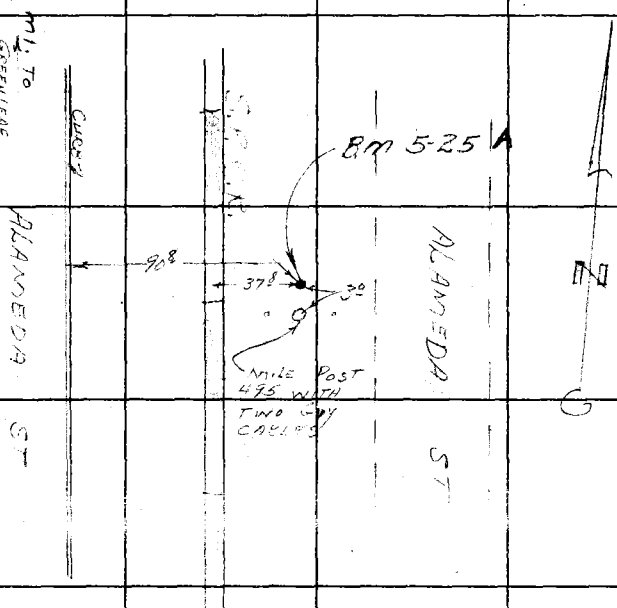
F. B. 1206 PG. 26

BM 5-25A (U.S. 4095) (Q 768)

About ~~0.9 mi.~~ 0.2 mi. S along the SP Co. RR from the ~~Town of Compton~~ INTER OF GREEN LEAF BLVD., L.A. Co., 3 ft. N of mile pole 495, 37.8 ft. E of the center line of the track and about 2.2 ft. lower than the top of the rail. A USC&GS ~~STD.~~ 4" Brass Bench Mark Disk ~~Disk Stamped~~ "Q 768 1945" RESET 1958, and set in the top of a concrete post.

L.A. Co. 1952 Adj. = 60.388

MOODY 9-2-64



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726 LOS ANGELES COUNTY
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Notes Ck'd by	Survey of LO PRECISE LEVEL NET
Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by H.F. NAUMANN
Checked	Notes DRAFTER Date OCT '51
Date	Indexed ~~K. C. Johnson~~

F. B. ~~[illegible]~~ Pg. 27

B.M. 5-26 (L.A. Co. F.C.D. R.B.M. 44-33)

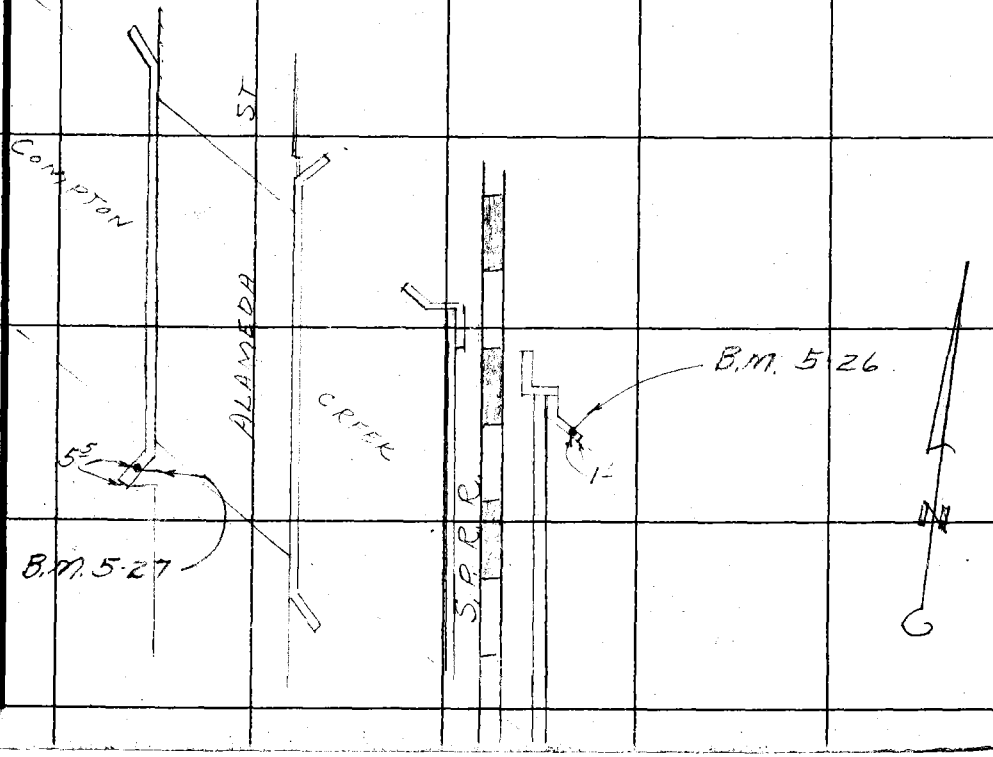
AT S.P.R.R. R/W PARALLEL TO ALAMEDA ST. AND COMPTON CREEK, A ~~STA.~~ 4" Brass L.A. Co. FLOOD CONTROL DISTRICT DISK MARKED "R.B.M. 44-33", ON THE MOST E'LY END OF THE N'LY CONC. ABUTMENT OF THE S.P. R.R. BRIDGE

L.A. Co. 1952 Adj: 58.795 ✓

B.M. 5-27 U.S. 3744 (44-33 L.A.C.F.C.D.)

ABOUT 1.3 MI. S. ALONG THE S.P. Co. R.R. FROM THE STA. AT COMPTON, L.A. Co. ON ALAMEDA ST., AT THE S.W. Cor. OF A LARGE CONCRETE HIGHWAY BRIDGE OVER COMPTON CREEK 30.5 FT. W. OF THE CL OF THE ST., 5.5 FT. NE. OF THE S.W. END OF THE CONCRETE GUARDRAIL IN THE TOP OF THE BASE, AND ABT. 1 FT HIGHER THAN THE 5" A L.A. Co. FLD. CONT. DIST ~~STA.~~ 4" Brass DISK STAMPED "44-33." ~~U.S. 3744~~

L.A. Co. 1952 Adj: 63.565 ✓



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RETURN TO
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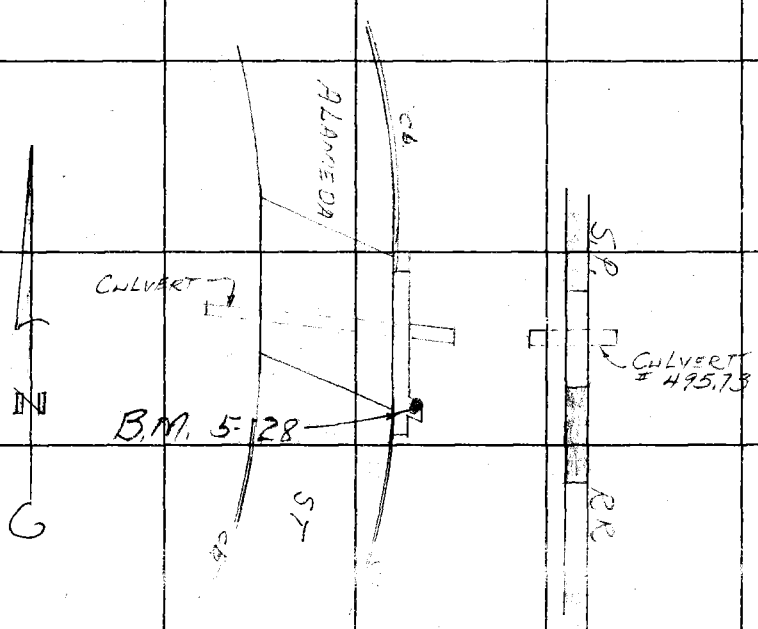
76F3095 247 2-51

F. B. 1206 PG. 28

B.M. 5-28 (U.S. 4094) (56 Z (M.W.D.S.C.))

~~About 1.6 mi S along the So. Pacific Co. RR from the sta. at Compton~~, L.A.Co. abt 0.4 mile S of the intersection of Alameda St., and Artesia Ave., opp. gate-post 18011, at a ~~bridge~~ culvert under Alameda St., in the E end of the S abutment, 4 ft N of the S end of the E end only guardrail, and 0.5 ft. E of the guardrail. A Metropolitan Water District of So. Calif. 3" Brass Bench Mark ~~std~~ disk stamped "56 Z 1933."

L.A.Co. 1952 Adj. = 55.443 ✓



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Notes Ck'd by	Survey of Co Precise Level Net
Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by H. F. Naumann
Checked	Notes Driving Line Date 10-3-51
Date	Indexed E. C. Johnson

F. B. PG.

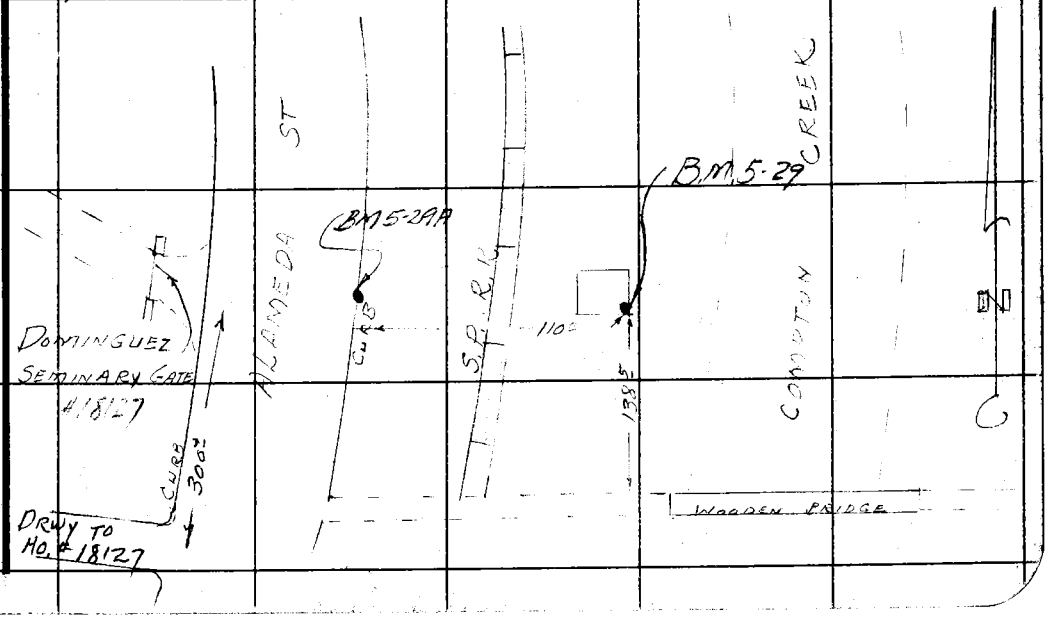
B.M. 5-29 (U.S. 4095) 44-32 (L.A.C.F.C.D.)

about 1.7 mi S along the So. Pacific Co. RR from the sta. at Compton, LA Co; ~~about 150 ft N of a wooden bridge over a large drainage~~ ditch, 58.5 ft. E of the C.L. of the track, opp. Dominguez Memorial Seminary (18127 Alameda St.), 5-1-70 G.E.D. ABOUT 300 FT. N. OF DRIVEWAY PRESENTLY IN USE, at a pipe line valve pit, in the SE cor of the retaining wall, abt. 1.3 ft higher than the ground, and about 2½ ft. Lower than the top of the rail. A LA Co. Flood Control disk, stamped BM 44-32. 4" Brass

L.A. Co. 1952 Adj.: 53.312

BM 5-29A (RBM 44-32) LACFCD

ALAMEDA AVE & 1.7 mi S. FROM STA at COMPTON L.A. CO. IN FRONT OF DOMINGUEZ RANCH GATES #18127, ABOUT 300 FT. N. OF DRWY NOW USED FOR HO# 18127, 100' W OF BM 5-29, Fd AN L.A.CFCD DISK MKD "RBM 44-32" IN E. Cb & FLUSH WITH Cb. 4" Brass



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76F309S 247 2-51

F.B. 1206 PG. 30

B.M. 5-30 (Compton K-5)

This Station is in the Dominguez Hills area, at Dominguez Junction on Alameda St., ~~in the approximate center~~ 5' WLY OF THE WEST RAIL of the Pacific Electric Railroad tracks, 29.0 ft. westerly from the west curb of Alameda St., and ~~66.4~~ 31.0 ft. northerly from ~~the most northerly corner~~ A 4' DIA CONC. CALL BOX of the Dominguez Junction ~~station house~~.

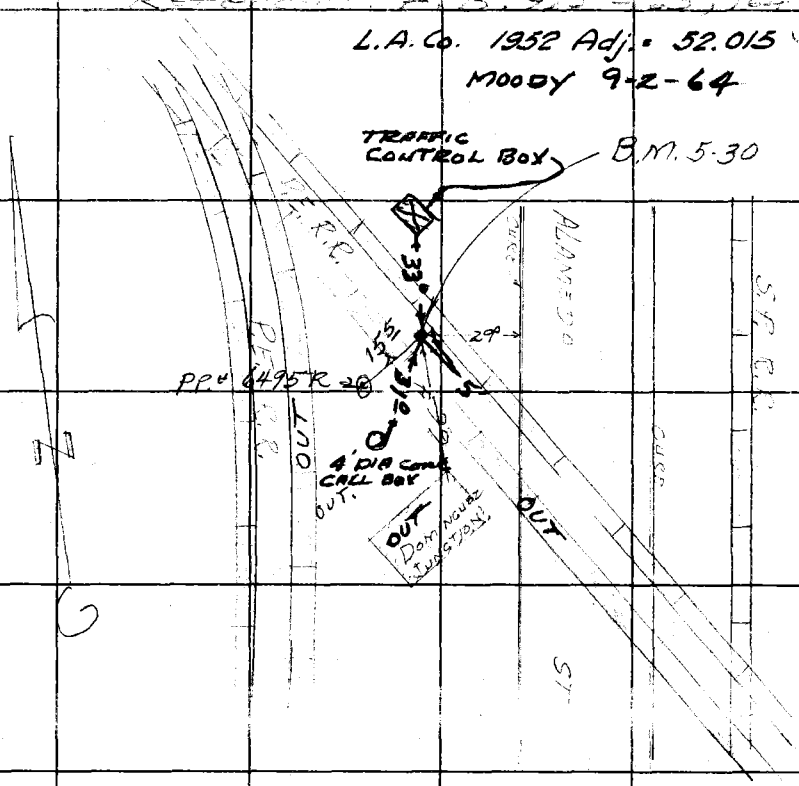
Station Mark: A std. 4in brass tablet inscribed: "L.A. County Survey Control System Traverse Station Compton K-5, R.E. 2177, Set by County Surveyor 1942," was set in concrete, 2 in. below the grade of roadbed.

No sub-surface mark

Reference: F.B. 925-[illegible], 164.

L.A. Co. 1952 Adj. = 52.015

MOODY 9-2-64



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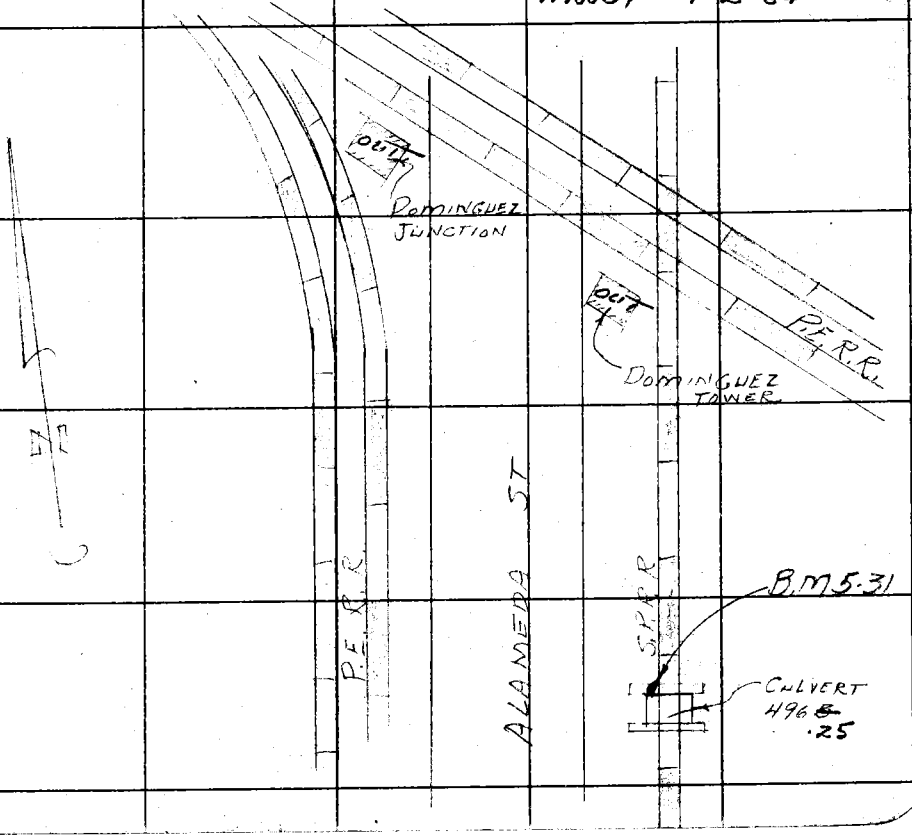
Notes Ck'd by	Survey of Co. Precise Level Net
Map No.	W. O. 1952 Tape No. St'd. °F
Office Work	Surveyed by [illegible]
Checked	Notes [illegible] Date [illegible]
Date	Indexed [illegible]

F. B. [illegible] PG. 31

B.M. 5-31 (U.S. 2198)
New Description - F 52.
About 2.1 mi S along the SPRR from the station at Compton LA Co. at Dominguez Junction at mileage 496.2, about 105 yds S of the center of the Xing of the PERR at SPRR culvert 496.25, in the top of the W end of the N conc. abutment, 8 ft. W of the center line of the track, and about 1.3 ft. lower than the track. A USC&GS 4" Brass Bench Mark Disk. Stamped "F 52 1926"

L.A. Co. 1952 Adj. = 49.773
Moody 9-2-64



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76F309S 247 2-51

F. B. 1206 PG. 32

B.M. 5-32 (Compton J-6)

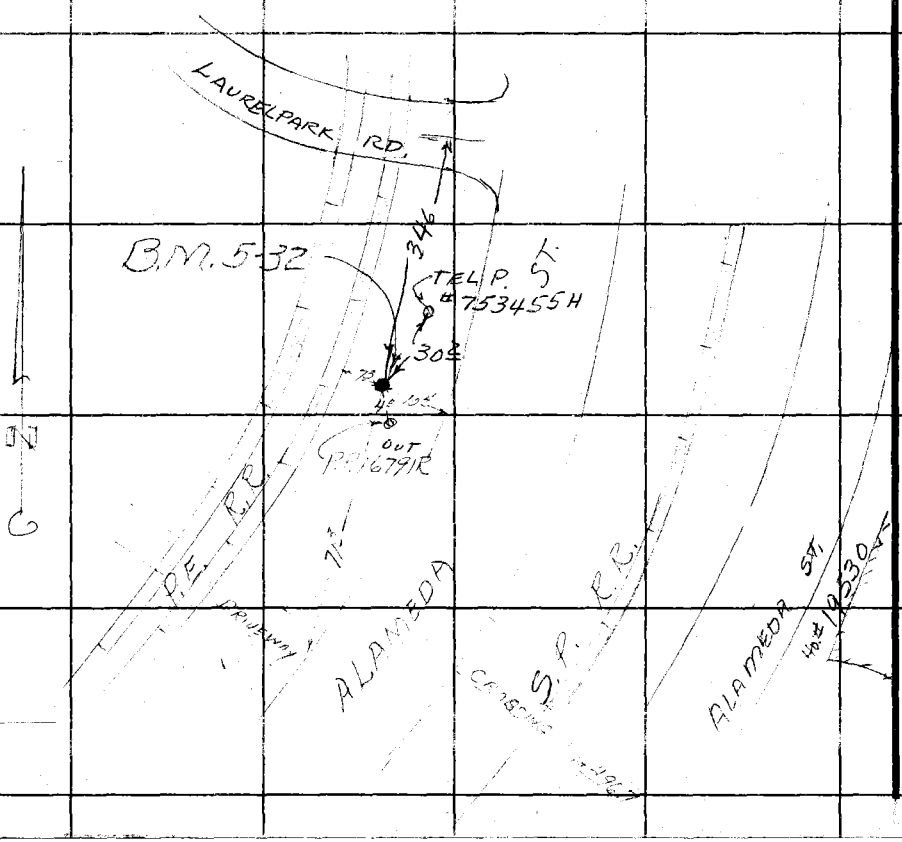
This station is in the Dominguez Hills area in the Pacific Electric Railroad Right of Way, adjacent to Alameda St., about 0.5 mi north of Del Amo ~~St.~~ Blvd., 10.4 ft. westerly from the west curb of Alameda St. AND 30.2 FT. S.W. OF TEL. POLE 753455H ~~and 4 ft. northwesterly from Power Pole No. 16791R~~

Station Mark: A std. 4 in. brass tablet inscribed: "L.A. County Survey Control system Traverse Station Compton J-6, R.E. 2177, Set by County Surveyor 1942;" was set in conc. 12 in below ground surface.

No sub-surface mark.

Reference: F.B. 925-159, 160

L.A. Co. 1952 Adj. = 43.465



RETURN TO
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Notes Ck'd by	Survey of LO PRECISE LEVEL NET	F. B. 1241 PG. 22
Map No.	W. O. 1923 Tape No. St'd. °F	
Office Work	Surveyed by	
Checked	Notes DREIER & LANDO Date 10-3-51	
Date	Indexed R. G. JOHNSON	

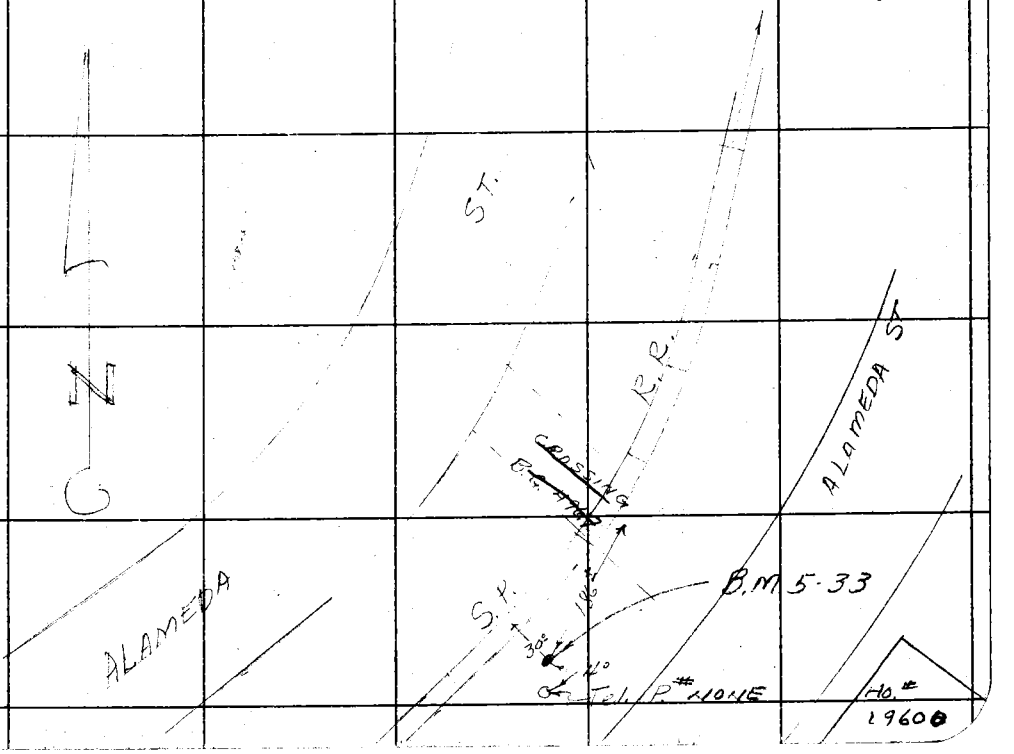
B.M. 5-33 (U.S. 4096) (P 768.)

About 2.6 mi. S along the So. Pacific Co. RR from the sta. at Compton, L.A. Co., ~~about 186 ft. S of small crossing BG 496.7~~, about 30 ft. E of the C.L. of the track, on the E side of Alameda St. 4 ft. N of pole LU, 2 ft W of a white wooden witness post, and about 1.0 ft. lower than the top of the rail. A ~~Sta. Disk~~ USC&GS 4" Brass Bench Mark Disk, stamped "P 768 1945" and set in the top of a conc. post 6"x6" projecting about 3 in. above ground.

L.A.Co. 1952 Adj. = 43.279

NOTE: ACROSS ST. FROM WOLF RANGE CORPORATION 19600 ALAMEDA ST.

MOODY 9-2-64



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76F3095 247 2-51

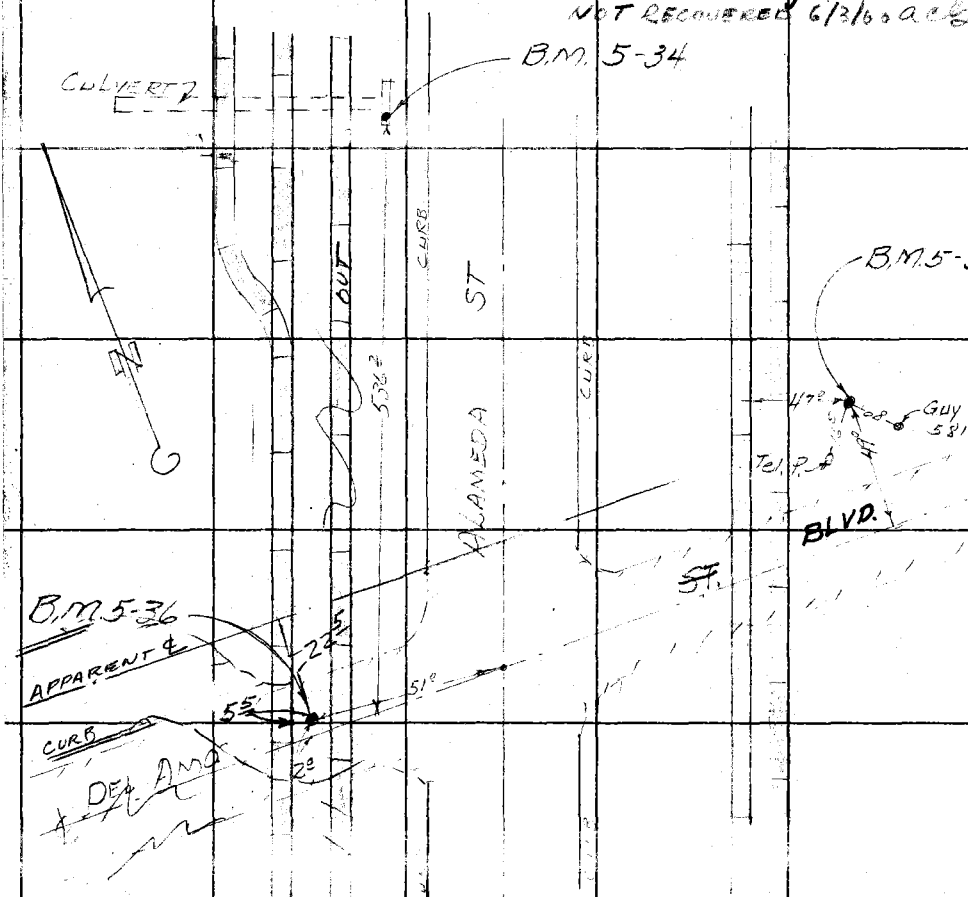
F. B. 1206 PG. 34

B.M. 5-34 (U.S. 4552) 11y (L.A.C.R.D.)

About 3.0 mi south along the So. Pacific Co. railroad from the station at Compton, L.A. Co, 536.2 ft. N along Alameda St. from the center of the intersection of Del Amo St, 27.4 ft. W of the C.L. of Alameda St., 11.9 ft. E of the E rail of the Pacific Electric Railway, at a conc. culvert, in the top of the East headwall, 1.5 ft. N of the S end, about 3½ ft. lower than the top of the E rail. A L.A.Co. Road Dept. std. disk stamped "B.M. 11"

L.A.Co. 1952 Adj = 36.379

NOT RECOVERED 6/3/60 ACG



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F. B. 1241 PG. 35

Notes Ck'd by	Survey of [illegible]
Map No.	W. O. [illegible] Tape No. St'd. °F
Office Work	Surveyed by [illegible]
Checked	Notes DREIER Date OCT '51
Date	Indexed A. C. Johnson

NOT RECOV., DESTROYED 4-27-67 W.P.B.

B.M. 5-35 (U.S. 3745 S615.)

About 3.1 mi S along the SP Co. RR from the sta. at Compton, LA Co., at the NE cor of the intersection of Alameda St. and the track crossing Del Amo ~~St.~~ Blvd. 49 ft. N of the C.L of Del Amo St., 47 ft. E of the C.L. of the main track, 2.5 ft. W of the E r/w fence, 2 ft. S of a 4x4 in. white wooden post stenciled "U.S.B.M." and about 3 ft. lower than the track. A ~~Sta.~~ 11/5 C&GS 4" Brass Bench Mark disk, stamped "S615-1941" and set in the top of a conc. post projecting about 0.4 ft. above ground.

L.A. Co. 1952 Adj.: 35.256

B.M. 5-36 (Compton J-7)

This sta is in the Dominguez Hills Area at the intersec. of Del Amo St. and the P.E. RR tracks, adjacent to Alameda St., 22.5 SOUTHERLY ~~2 ft. northerly~~ from the appr. C.L of Del Amo ~~St.~~ Blvd., and in the appr. center of tracks measured between rails, in a well cut through the pavement and protected by a cast iron cover marked: "County Surveyor Monument."

Station Mark: A std. 4 in. brass tablet inscribed "L.A. County Survey Control System Traverse Station Compton J-7, R.E. 2177, Set by County Surveyor 1942," was set in conc. 2 in below the sub-grade of st. No sub-surface Mark

Reference: F.B. 925-161, 162

L.A. Co. 1952 Adj.: 38.181

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RETURN TO
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76F3095 247 2-51

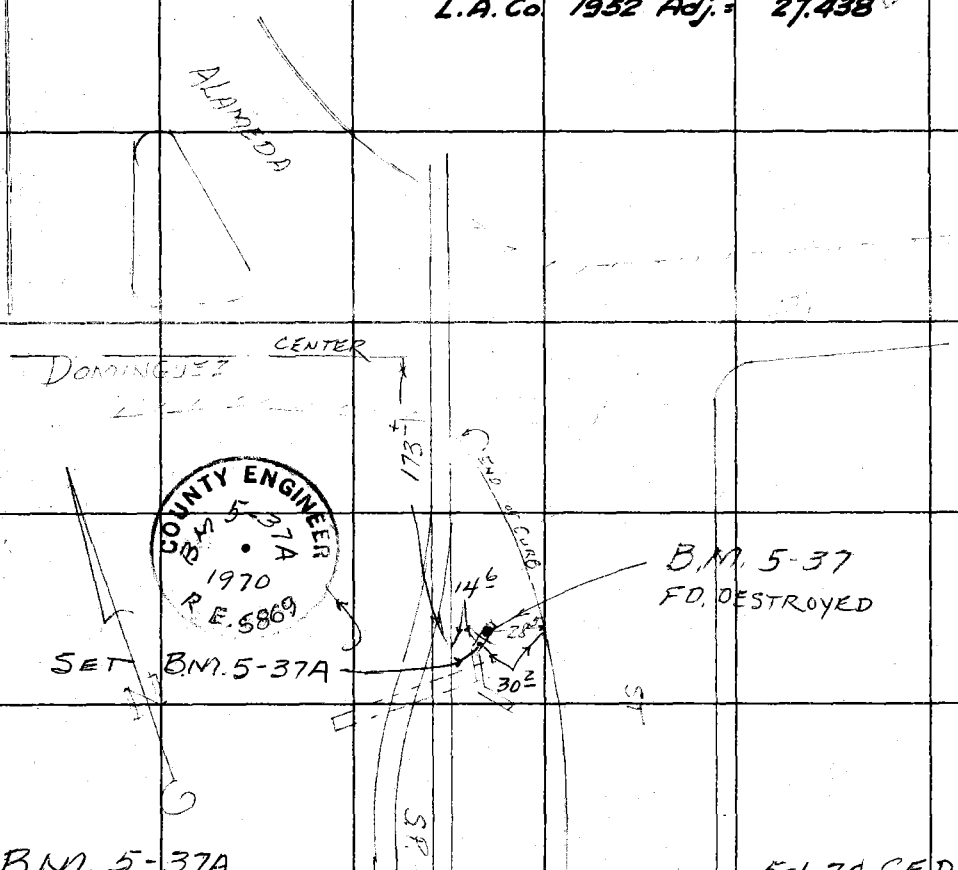
F.B. 1206 PG. 36

FOUND DESTROYED, END OF WING WALL WITH DISC BROKEN OFF SET 5-37A, 4-29-70 G.E.D.

B.M. 5-37 (U.S. 4097) (R 768)

About 3.7 mi S along the So. Pacific RR from the sta at Compton, L.A.Co. abt 168 ft S of the Dominguez St. crossing, 21 ft S of a frog at a culvert, in the top of the NE wing wall 2 ft. SW of the NE end, and 17.5 ft. E of the C.L. of the track. A ~~std disk~~ USC&GS 4" Brass Bench Mark Disk stamped "R 768 1945."

L.A.Co. 1952 Adj. = 27.438



B.M. 5-37A

5-1-70 G.E.D.

ALAMEDA ST., ABOUT 173 FEET SOUTH FROM THE CENTER OF DOMINGUEZ ST., 30.2 FEET W. OF THE W. CURB 14.6 FT. E. OF THE EAST RAIL, 1 FT FROM N.E. END OF THE CONC. WINGWALL OF A CULVERT, SET A 2¾" COUNTY ENGINEER BRASS DISC STAMPED "B.M 5-37A 1970 RE.5869" WITH SMALL BUTTON

RETURN TO
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Notes Ck'd by	Survey of Co. PRECISE LEVEL NET
Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by [illegible]
Checked	Notes DREIER Date Oct '51
Date	Indexed E. C. Johnson 11-2-51

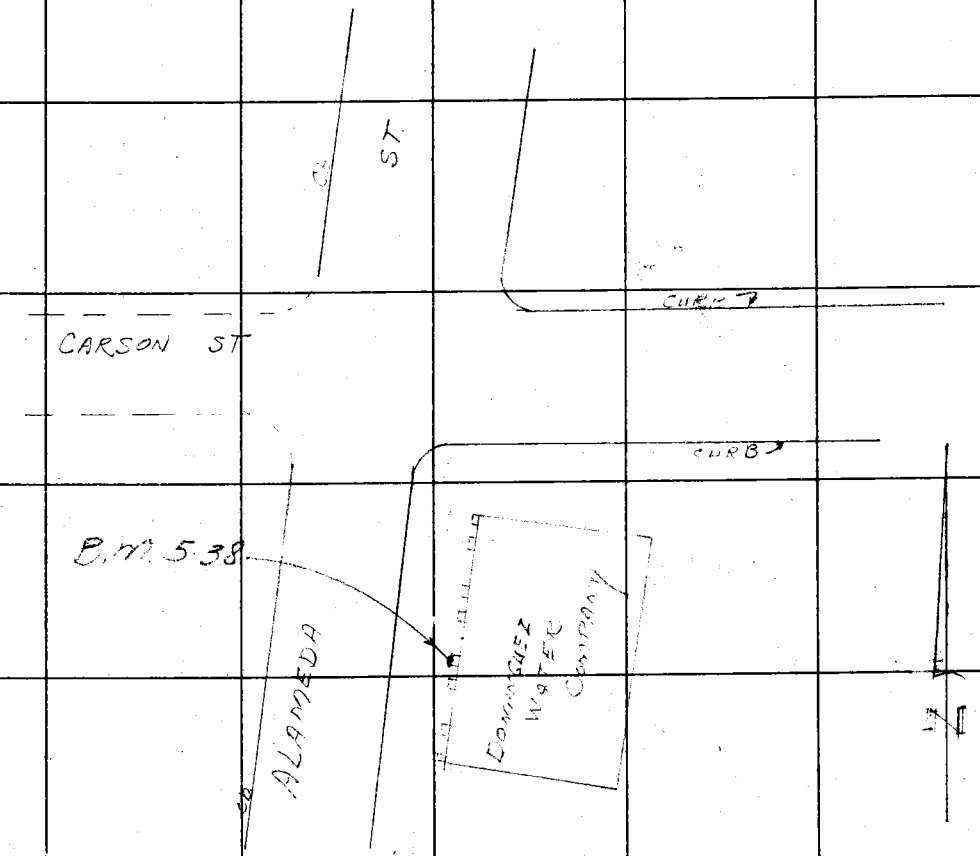
F. B. [illegible] PG. 37

B.M. 5-38 (U.S. 2867 D-167)(USC&GS)

At Dolores, at the SE cor of intersection of Alameda Blvd and Carson St., in the Dominguez Water Co. pumping plant, in the center of the first Column S of the center door on the W side, and 2 ft. above the water table. The mark is ~~Note: This mark replaces USGS F-33 a USC&GS 4" Brass Bench Mark Disc. set which was destroyed. Standard Tablet Vertically in the Wall and is stamped Set Vertically by U.S.C.&G.S~~ D-167 4923

FEB 10 Sept 64

L.A. Co. 1952 Adj. = 31.220



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ENGINEERING BLDG.

76F309S 247 2-51

F. B. 1206 PG. 38

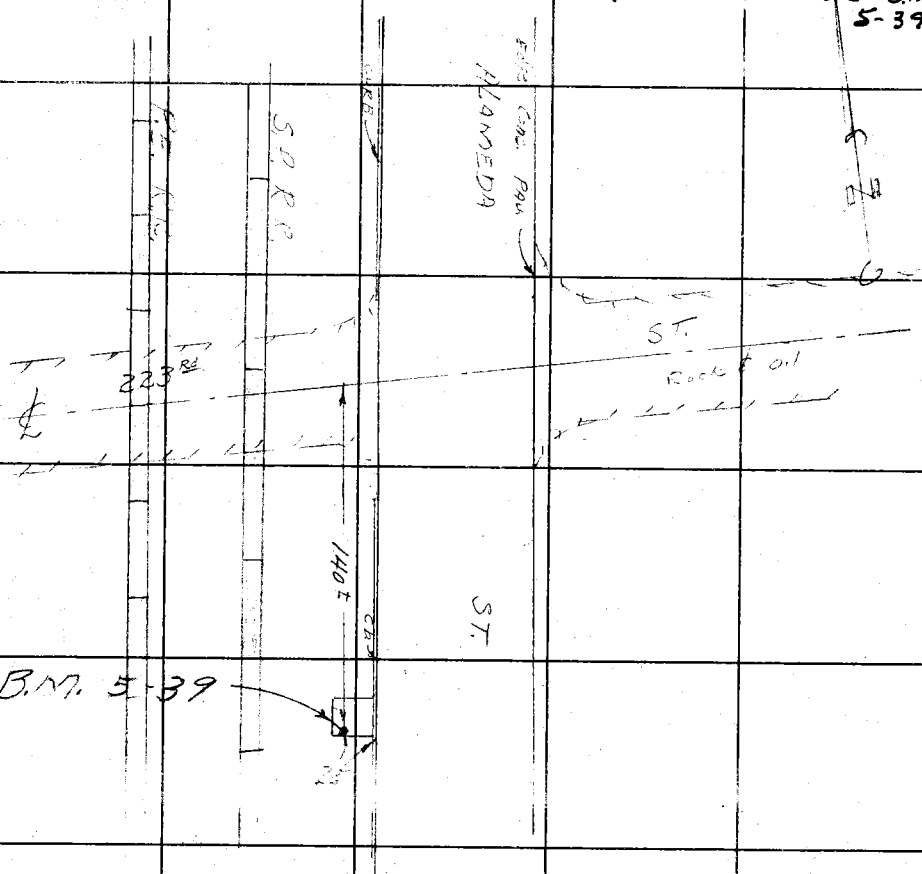
B.M. 5-39 (U.S.3746) (R615)

About 1.0 mi NE along the SPCo. RR from the intersection of Alameda St. and Sepulveda Blvd. at Watson, L.A.Co. at the SE Cor of the crossing of 223rd St., about 140 ft. S of the C.L. of the St., in the top of the SW cor of a conc. well of a manhole belonging to pipe line valves of the S. Calif. Gas Co., 50.5 ft E of the C.L. of the tracks and about 2 ft lower than the track. A Std. disk stamped "R615 1941."

L.A.Co. 1952 Adj.: 23.343

NOT RECOVERED 9-2-64 mpoor

SEE F.B. 3701-89 FOR B.M. 5-39 A



RETURN TO
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726 LOS ANGELES COUNTY
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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. HAUMANN
Checked	Notes DREIER & LOWE Date 10-4-5
Date	Indexed

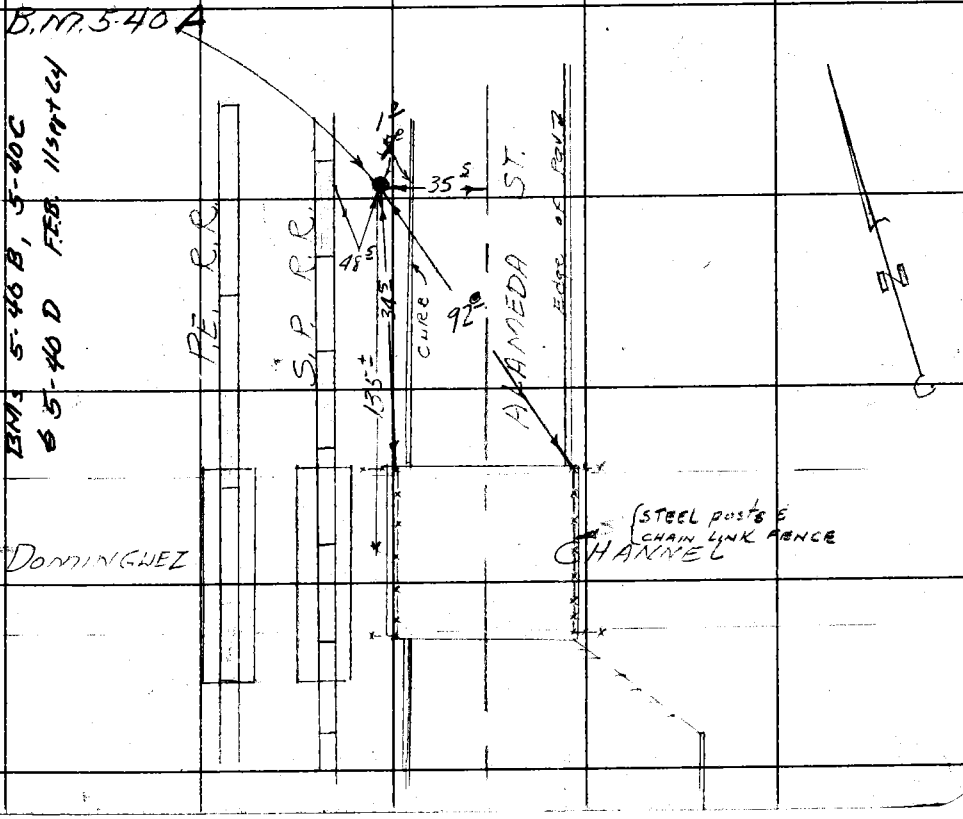
F. B. [illegible] PG. 30

B.M. 5-40 A ~~(U.S. 4098 (L 768))~~

About 0.5 mi N along the So Pacific Co. RR from the intersection of Alameda St., and Sepulveda Blvd. at Watson, L.A. Co., about 135 ft. N of the C.L. of Dominguez Channel, between the track & Alameda St. 2½" 10 ft W of the W curb; SET A ~~STANDARD~~ CO. ENGR. ~~BUMPER~~ BRASS CAP MON. MK'D "BM 5-40A ~~OF A WHITE WOODEN WITNESS POST 1960 BE 5869" IN CONC 10" BELOW TOP OF CURB A STD. DISK STAMPED "L 768 1945" & PROTECTED BY A CAST IRON COVER MK'D "COUNTY ENGR MONUMENT"~~

~~L.A. Co. 1952 Adj. 18.706~~

SET 5-40A acb 6/3/60



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76F309S 247 2-51

F. B. 1206 PG. 40

B. M. 5-41

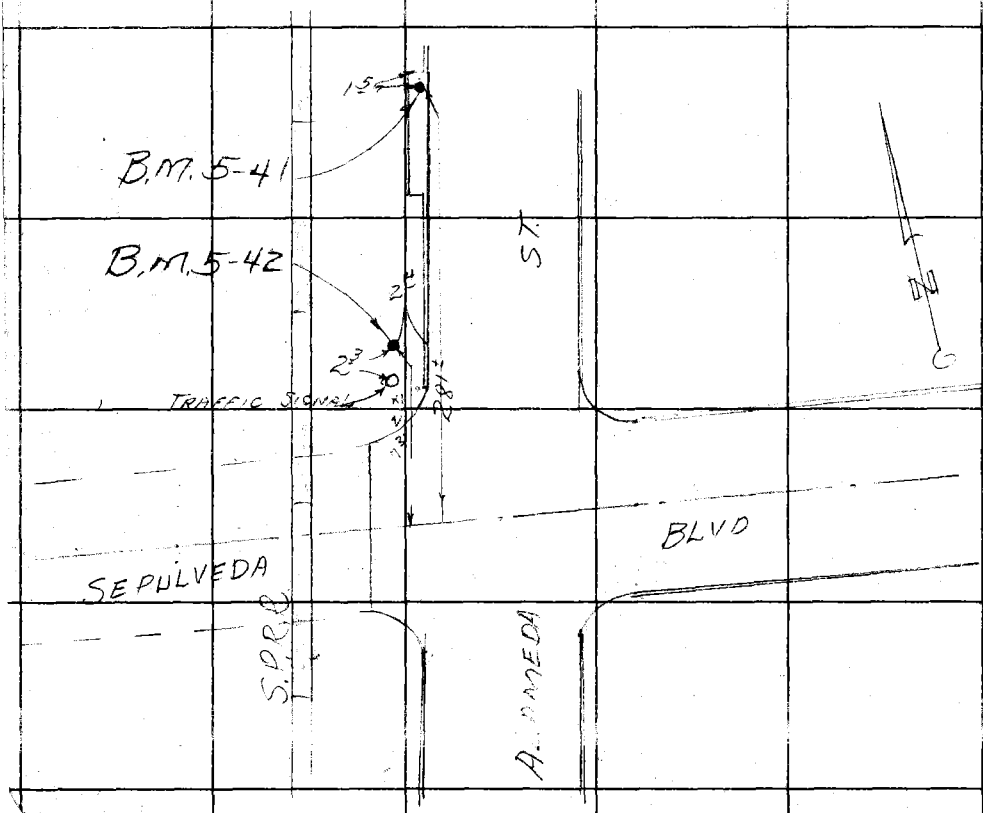
ALAMEDA ST AND SEPULVEDA BLVD, N.W. COR., A ~~STANDARD~~ L.A. Co. ROAD DEPT. 2½" Brass DISK SET IN THE W. CURB OF ALAMEDA ST, 281± FT N OF THE ℄ OF SEPULVEDA BLVD. **L.A. Co. 1952 Adj. = 16.627** ✓

B.M. 5-42 (U.S. 4099) (111-8A) (L.A.C.F.C.D.)

~~A. L. Watson L.A. Co.~~ at the intersection of Alameda St., and Sepulveda Blvd. N.W. Cor. 73.2 ft. N of the C.L. of the Blvd. ~~about 124 ft S of the S end of a pedestrian underpass under Alameda St.~~ 2.4 ft. W of the W curb of the St., and about 1½ in higher than the top of the curb. A L.A. Co. Flood Control 4" Brass disk, stamped "B.M. 111-8A" and set in the top of a 6" dia. concrete post.

L.A. Co. 1952 Adj. = 19.167 ✓

FEB 11 SEP 64



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Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by [illegible]
Checked	Notes DREIER Date Sept 51
Date	Indexed [illegible]

F. B. [illegible] PG. 11

See F.B. 3704-101 Par
BM 5-43A FEB 11 Sept 64

B.M. 5-43 (U.S. 4100)(K 768)

About 0.4 mi S along Alameda St., from the intersection of Sepulveda Blvd. at Watson L.A. Co. 67.5 ft. W of the W curb, 14.3 ft. W of the C.L. of the So. Pacific RR, 1.4 ft S of a white wooden witness post, and about 6 in. lower than the top of the rail. A std. disk, stamped "K 768 1945" and set in the top of a concrete post projecting about 5 in above grade.

L.A. Co. 1952 Adj. = 31.282

NOT RECOVERED 6/3/60 [illegible]

B.M. 5-44 (B.M. 1 L.A.Co. RD. DEPT.)

ALAMEDA ST AND L.A. CITY BOUNDRY, N.W. COR., A 2 1/2" BRASS DISK SET IN THE TOP OF A 10" x 10" CONCRETE POST AND MARKED "B.M. 1 L.A.Co. RD. DEPT.," 3" LOWER AND 1.5 FT W. OF THE W. CURB OF ALAMEDA ST., 13 FT N.Ly of TH L.A. CITY BOUNDRY.

L.A. Co. 1952 Adj. = 36.484

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76F309S 247 2-51

F. B. 1206 PG. 42

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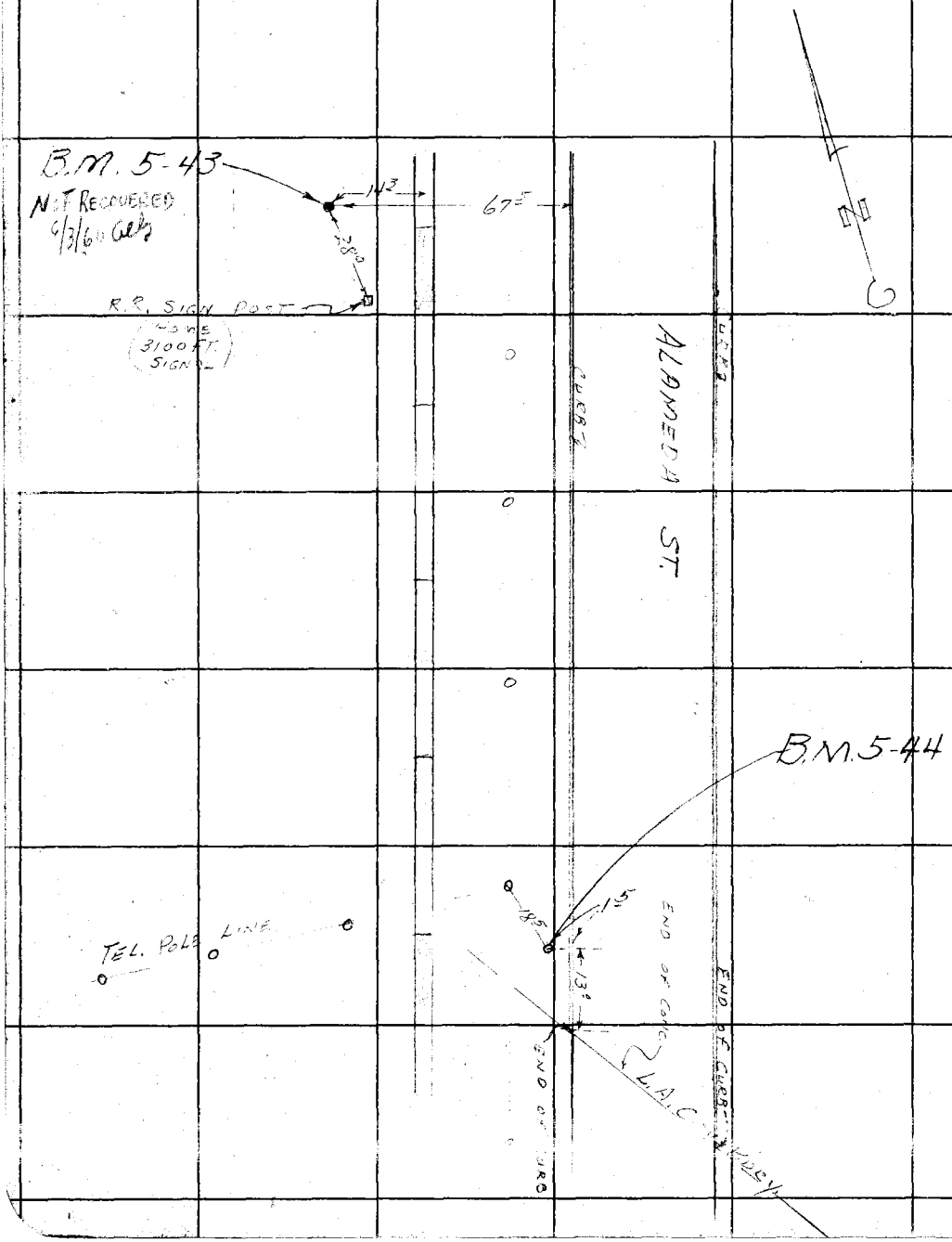


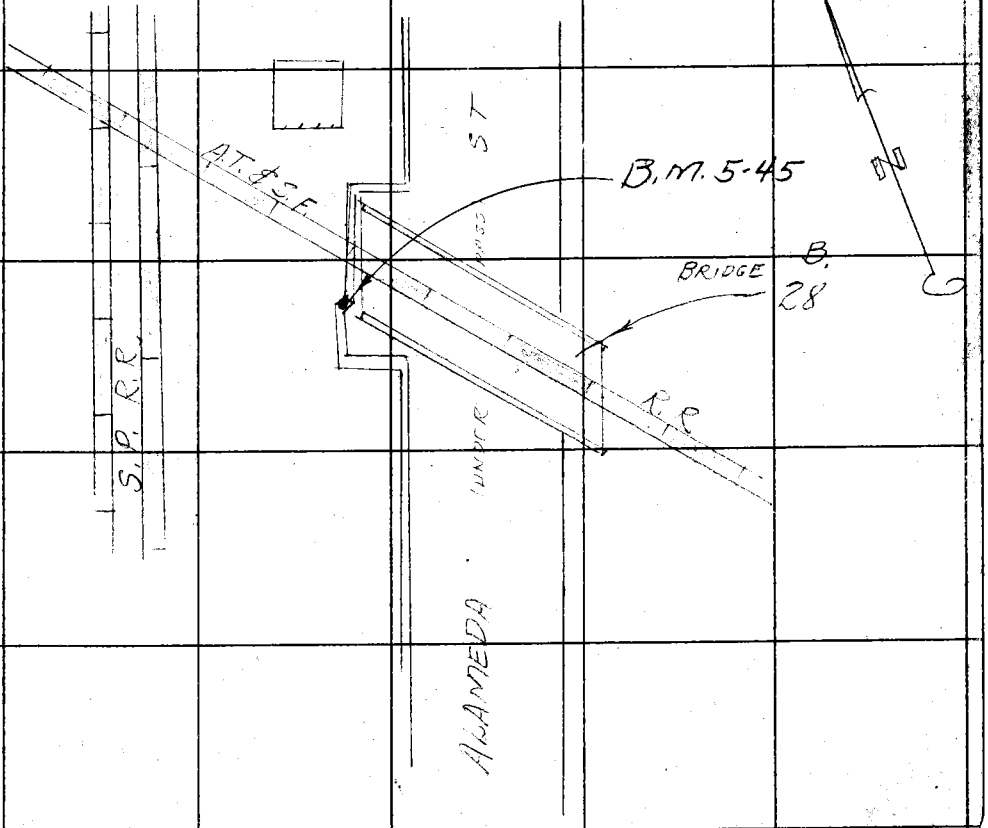
Notes Ck'd by	Survey of Co PRECISE LEVEL NET
Map No.	W. O. 1923 Tape No. St'd. °F
Office Work	Surveyed by H.E. [illegible]
Checked	Notes [illegible] Date SEPT '51
Date	Indexed

F. B. [illegible] PG. [illegible]

B.M. 5-45 (U.S. STAT) (J 615)

At West Thenard, L.A. Co. on the SPRR near the W Thenard Tower, at bridge ~~12B~~ B-28 over Alameda St., at the SW end of the NW concrete abutment, in the top of the retaining wall, 68 ft. S.E. of the center of the intersection of the tracks, 8.5 ft. S.W. of the center line of the NW and SE track and about level with the track. A ~~std.~~ DSC&GS 4" Brass Bench Mark disk, stamped "J 615 1941." ~~(H.S. 28.)~~

L.A. Co. 1952 Adj.: 36.309



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76F309S 247 2-51

F. B. 1206 PG. 44

PM 5-46 Report from City of LA mark is on C/L of Wilmington Ave & 5' S of C/L of Lomita Blvd

Not recovered 11 Sept 1964 F.E.B. See F.B. 3701-109 for BM 5-46A & F.B. 3701-111 for BM 5-46B.

B.M. 5-46

LOMITA BLVD AND WILMINGTON AVE. CENTERLINE OF INTERSECTION, A STANDARD L.A. CO MONUMENT STAMPED "B.M. CO. L.A. ROAD" IN HANDHOLE 12 INCHES DEEP, AND PROTECTED BY A CAST IRON COVER MARKED "CITY OF L.A. ENGINEERING MONUMENT.

L.A. Co. 1952 Adj. = 40.305

SEE F.B. 3701-115 FOR NEW DESCRIPTION 11 SEPT 1964 F.E.B.

B.M. 5-47

LOMITA BLVD AND MAIN ST. CENTERLINE OF INTERSECTION, A STANDARD L.A. CITY MONUMENT STAMPED WILMINGTON [illegible] IN HANDHOLE 10 INCHES DEEP AND PROTECTED BY A CAST IRON COVER MARKED "CITY OF L.A. ENGINEERING MONUMENT.

L.A. Co. 1952 Adj. = 40.019

See F.B. 3701-119 For new description and BM 5-48A 11 Sept 1964 F.E.B.

B.M. 5-48

LOMITA BLVD AND VERMONT AVE. N.W. CORNER 60 d NAIL (SET IN LEAD) IN CURB, 4.7 FEET W. OF W. END OF CURB RETURN.

L.A. Co. 1952 Adj. = 35.983

SEE FB 3701-123 FOR NEW DESCRIPTION 9-11-64

B.M. 5-49 (U.S. 4185) (41.222) (C.L.A.)

IN L.A., ABOUT 0.2 MI. N. ALONG NORMANDIE AVE. FROM THE INTERSEC. OF ANAHEIM ST. AT WILMINGTON, AT THE CURVED JUNCT. OF VERMONT AVE AT THE N END OF A CATCH BASIN, AND IN THE TOP OF THE W. CURB OF NORMANDIE AVE. A CUT SPIKE.

L.A. Co. 1952 Adj. = 40.762

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Map No.	W. O. 4925 Tape No. St'd. °F
Office Work	Surveyed by [illegible]
Checked	Notes SHINODA Date OCT '51
Date	Indexed [illegible]

F. B. PG. 45

See F.B. 3700 - 125 for new description 14 Sept 64 F.E.B.

B.M 5-50 (U.S. 1286) (Z-50)

IN L.A., AT WILMINGTON, NEAR THE INTERSECTION OF GAFFEY AND ANAHEIM STS., AT A LARGE CONC. BRIDGE OVER THE P.E. RY., IN THE TOP OF THE SIDWK, AT THE W. END OF THE BRIDGE, AND 0.5' S.W. OF THE S.W. CURB. A STANDARD DISK, STAMPED "Z 50 1926 RESET 1945"

L.A. Co. 1952 Adj. = 66.968

See F.B. 3701 - 127 for new description 14 Sept 64 F.E.B.

B.M 5-51 (U.S. 4184) (E 770)

IN L.A. ABT 0.1 MI. S. ALONG GAFFEY ST. FROM THE INTERSEC. OF ANAHEIM ST. AT WILMINGTON, 56' N.E. OF THE ℄ OF THE ST., 28" E OF A BRACE POLE TO POWER-TRANS. LINE POLE ~~155262 M~~ 14726 M (ON THE ~~OPPOSITE~~ SAME SIDE OF ST), AT THE S. COR. OF A LARGE SQUARE CONC. M.H. TOP (WATER BUREAU), 0.5' N.E. OF THE S.W. SIDE OF THE M.H-TOP, 0.4' S.E. OF THE S.E. SIDE OF THE TOP, AND ABT 1/2" HIGHER THAN THE M.H-TOP. A STD DISK, STAMPED "E 770 1945" AND SET IN THE TOP OF A CONCRETE POST.

9-4-64 MOODY L.A. Co. 1952 Adj. = 53.205

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76F309S 247 2-51

F.B. 1206 PG. 46

See F.B. 3701 -129 for new description 14 Sept 64 F.B.	B.M. 5-52 (U.S. 4183) (F 770) IN L.A. ABT 0.2 MI S. ALONG GAFFEY ST. FROM THE INTER. OF ANAHEIM ST. AT WILMINGTON, 104' N. OF THE ℄ OF A ST LEADING W TO A HOUSING PROJECT MADE UP OF QUONSET HUTS, IN A PARKWAY, 55.5' W OF THE ℄ OF GAFFEY ST., 10.5' N. OF THE NE COR OF A CONC. SDV MANHOLE, 0.9' E OF A CONC POST END ABT. 1.8' ABOVE GROUND, 0.6' HIGHER THAN GAFFEY ST., AND APPR 0.3' UNDER GROUND. A STD DISK, STAMPED "F 770 1945" AND SET IN THE TOP OF A CONCRETE POST. L.A. Co. 1952 Adj. = 27.914 ✓
See F.B. 3701 -131 for new description 14 Sept 64 F.B.	B.M. 5-53 (U.S. 4181) (H-770) IN L.A. ABT. 0.5 MI S ALONG GAFFEY ST FROM THE INTER. OF ANAHEIM ST. AT WILMINGTON, AT THE S.E. COR OF THE N. SEC. OF THE NAVAL FUEL ANNEX (1901 N GAFFEY ST), 40.2' N OF THE CENTER OF THE ENT. DRIVE, 53' W OF THE CENTER LINE OF THE ST, AND 1' E OF THE S.E. COR OF A FENCE. A STD DISK, STAMPED "H 770 1945" AND SET IN THE TOP OF A CONC POST PROJECTING ABT. 0.2' ABOVE GROUND. L.A. Co. 1952 Adj. = 21.002 ✓

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Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by H. A. NAUMANN
Checked	Notes SH. [illegible] Date Oct '61
Date	Indexed [illegible]

F. B. [illegible] Pg. [illegible]

B.M 5-54 (U.S 4180)(J 770)

IN LOS ANGELES, ABT 0.6 MI S. ALONG GAFFEY ST FROM THE INTER OF ANAHEIM ST AT WILMINGTON, AT THE ENT TO THE SAN PEDRO POLICE TARGET-RANGE, 44' W OF THE ℄ OF THE STREET, 15' N OF THE CENTER OF THE ENT TO THE TARGET RANGE, 1.4' N.E OF A FENCE COR, AND ABT 1/2' HIGHER THAN THE STREET. A STD DISK STAMPED "J 770 1945" AND SET IN THE TOP OF A CONC. POST ABOUT FLUSH WITH THE GROUND.

See F.B. 3701 - 133 for new description 14 Sept 64 FEB

L.A. Co. 1952 Adj. = 22.776 ✓

B.M 5-55 (U.S 4179)(K 770)

IN LOS ANGELES, ABT 0.75 MI S ALONG GAFFEY ST FROM THE INTER. OF ANAHEIM ST AT WILMINGTON, AT THE N END OF A CUT, ON THE E SIDE OF A LONG SLOPING HILL, AT THE TURN OF A WIRE FENCE TO THE S 43.3' W OF THE ℄ OF THE STREET, 38.6' N.W OF A POWER-TRANS. LINE POLE 17562 M, 1.3' E OF THE WIRE FENCE, AND ABT. 1/2' HIGHER THAN THE STREET. A STD DISK STAMPED "K 770 1945", AND SET IN A CONCRETE POST PROJECTING ABT 0.2' ABOVE THE GROUND.

See F.B. 3701 - 135 for new description 14 Sept 64 F.E.B.

L.A. Co. 1952 Adj = 24.527 ✓

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76F309S 247 2-51

F. B. 1206 PG. 48

New description
See F.B. 3701 - 137
14 Sept 64 F.E.B.

BM 5-56 (U.S. 4178)(L 770)

IN L.A. ABT 0.9 MI. S. ALG GAFFEY ST., FROM THE INTERSECT OF ANAHEIM ST AT WILMINGTON, IN A DEEP CUT, 35.7' N.W. OF THE ℄ OF THE STREET, 32' SW OF A POWER-TRANS LINE POLE 17569 M, 2' S OF A FIRE HYDRANT, 3' E OF THE FACE OF THE BANK OF THE CUT, AND ABT LEVEL WITH THE STREET. A STD DISK, STAMPED "L 770 1945" AND SET IN THE TOP OF A CONCRETE POST ABT FLUSH WITH THE GROUND.

L.A. Co. 1952 Adj = 25.950 ✓

See F.B. 3701 - 139
for new description
14 Sept 64 F.E.B.

BM 5-57 (U.S. 4177)(V 770)

IN L.A. ABT 1.0 MI S ALONG GAFFEY ST. FROM THE INTER. OF ANAHEIM ST AT WILMINGTON, 38.4' W OF THE ℄ OF THE STREET, 5.4' N OF A POWER-TRANS LINE POLE 17574 M, 7.3 FT W OF THE CENTER OF A MANHOLE COVER MARKED "BELL SYSTEM", 1.4' W OF A CONC. POST PROJECTING ABT 1.8' ABOVE THE GROUND AND 1½' HIGHER THAN THE STREET. A STD DISK STAMPED "V 770 1945" AND SET IN THE TOP OF A CONC POST PROJ. ABT. 0.3' ABOVE THE GROUND.

L.A. Co. 1952 Adj = 27.517 ✓

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Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by H.F. Naumann
Checked	Notes Shinoda Date Oct '51
Date	Indexed [illegible]

F. B. [illegible] PG. 49

BM 5-58 (U.S. 4176) (U 770)

IN L.A. ABT 1.1 MI S. ALONG GAFFEY ST FROM THE INTER. OF ANAHEIM ST, AT WILMINGTON, 95' FT N. OF THE CENTER OF THE MAIN ENTRANCE (GATE 3) TO THE NAVAL FUEL ANNEX, 38.3' W. OF THE ℄ OF THE STREET, 19.7' N OF A POWER-TRANS LINE POLE 17577 M, 7' W OF A MANHOLE WITH A CAST IRON COVER MARKED "BELL SYSTEM", 4.6' E OF A WIRE FENCE 1.3' W OF A CONC. POST PROJECTING ABT 1' ABOVE THE GROUND AND 1' HIGHER THAN THE STREET. A STD DISK STAMPED "U 770 1945" IS SET IN A CONCRETE POST.

L.A. Co. 1952 Adj. = 28.405

See F.B. 3701-141 for new description F.E.B. 14 Sept '54

BM 5-59 (U.S. 4175) (T 770)

IN L.A. ABT 1.2 MI S ALONG GAFFEY ST. FROM THE INTER. OF ANAHEIM ST. AT WILMINGTON, 41' W OF THE ℄ OF THE ST., 15.6' S.W OF THE CENTER OF A BELL SYSTEM MANHOLE-COVER, AND 3.7' W OF A POWER-TRANS. LINE POLE 17580 M. A STD DISK, STAMPED "T 770 1945" AND SET IN THE TOP OF A CONC. POST PROJECTING ABT. 0.1' ABOVE GROUND.

L.A. Co. 1952 Adj = 29.269

NOT RECOVERED 6/3/60 [illegible]

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76F3095 247 2-51

F. B. 1206 PG. 50

Not recovered 14 Sept 1964 F.E.B.	BM 5-60 (U.S. 4174) (S 770) IN L.A., ABT 1.3 MI S ALG GAFFEY ST. FROM THE INTER OF ANAHEIM ST AT WILMINGTON, AT THE JUNCT. OF CAPITOL DR., IN THE S HEADWALL OF A CULVERT UNDER CAPITOL DR., 2' E OF THE W END, 12.2' S. OF THE S CURB, IN LINE WITH A ROW OF POWER TRANS. LINE POLES PARALLELING GAFFEY ST. AND 4.5' N OF POLE 17584 M. A STD. DISK, STAMPED "S 770 1945". L.A. Co. 1952 Adj.: 26.597 ✓	
See F.B. 1701 - 143 for new description F.E.B. 14 Sept 64	B.M. 5-61 (U.S. 4173) (R 770) IN L.A., ABT. 1.4 MI S ALG GAFFEY ST FROM THE INTER. OF ANAHEIM AT WILMINGTON, ABT. 0.1 MI S OF THE JUNCTION OF CAPITOL DR., AT A CONC. CULVERT IN THE CENTER OF THE TOP OF THE E HEADWALL, 33.4' E OF THE ℄ OF THE STREET, 8.3' S OF A POLE A 26522 7, AND ABOUT 2' HIGHER THAN THE STREET A STD DISK STAMPED "R 770 1945". L.A. Co. 1952 Adj.: 22.172 ✓	

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Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by H.F. NAUGHTON
Checked	Notes SHINODA Date OCT 5(
Date	Indexed

F. B. PG.

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Not Recovered 14 Sept 64 F.E.B.

BM 5-62 (U S 4170) (N 770)

IN L.A., ABT 1.7 MI S ALG GAFFEY ST. FROM THE INTERSECT. OF ANAHEIM ST. AT WILMINGTON, IN THE FRONT OF THE C. R. BUTTERFIELD Co PROPERTY, 57' W OF THE ℄ OF THE STREET, 25.5' SW OF THE POWER-TRANS. LINE POLE 40706 M, AT THE NW COR. OF THE CURB AROUND A LAWN, 0.6' E OF THE W EDGE OF THE LAWN, 0.3' N OF THE N EDGE OF THE CURB AND ABT 2" LOWER THAN THE TOP OF THE CURB. A STD DISK, STAMPED "N 770 1945" AND SET IN THE TOP OF A CONCRETE POST.

L.A. Co. 1952 Adj.: 12.120

BM 5-63 (U.S. 2897)(M 770)

IN L.A. ABT. 1.8 MI S ALONG GAFFEY ST. FROM THE INTER. OF ANAHEIM ST AT WILMINGTON, IN THE DRIVE OF A SERVICE STA. AT 1353 N. GAFFEY ST., 55.2' W OF THE ℄ OF THE STREET, 46.2' N. OF POWER-TRANS. LINE POLE 17603 M, AT THE SE COR OF A WATER-VALVE PIT, AND ABT 1" LOWER THAN THE TOP OF THE VALVE PIT. A STD. DISK STAMPED "M 770 1945" AND SET IN THE TOP OF A CONCRETE POST.

L.A. Co. 1952 Adj.: 11.247

NOT RECOVERED ab 6/3/60

76F3095 247 2-51

F. B. 1206 PG. 52

See F.B. 3701 - 145 for new description FEB 14 Sept 64

B.M. 5-64 (US 3680)(C 615)

IN L.A. CO AT SAN PEDRO, AT THE W ARM OF W BASIN, W OF THE L.A. SHIP. BLDG. AND DRY DOCK CO., AT THE N.E. COR OF THE INTERSEC. OF WILMINGTON-SAN PEDRO RD (ST. HWY 11) AND BATTERY ST, AT THE OUTSIDE OF A CURVE IN THE HWY, 106' N OF THE ℄ OF BATTERY ST., AT THE CENTER OF THE XING OF THE P.E. RY, AT A STORM DRAIN CULVERT, IN THE TOP OF A LARGE CONC. HEADWALL, 2.2' N OF THE S END, AND 40' W OF THE ℄ OF THE HWY. A STD DISK STAMPED "C 615 1941".

L.A. Co. 1952 Adj. = 11.270

Not Recovered 14 Sept 64 F.E.B. See F.B. 3701-149 for B.M. 5-C5TA.

B.M. 5-65 (L.A. City F.B. 22105-28)

SQUARE SPIKE W. CURB PACIFIC AVE 35.8' N OF ℄ PROD WILMINGTON-SAN PEDRO RD. (NOTE: TOP OF SQUARE SPIKE APPARENTLY SHEARED OFF, USED TOP OF REMAINING SHANK. 10-25-51).

L.A. Co. 1952 Adj. = 12.892

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Map No.	W. O. 4925 Tape No. St'd. °F
Office Work	Surveyed by H. F. NAUMANN
Checked	Notes SHINODA Date OCT '51
Date	Indexed

F. B. [illegible] PG. [illegible]

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Not recovered 15 Sept 64 See F.B. 3701-15 for BM 5-66 F.E.B.

BM 5-66 (U.S. 3681)(PS 5)(L.A.D.P.M.)

AT SAN PEDRO, L.A. CO, ON HARBOR BLVD. E. OF THE CENTER OF THE CROSSING OF N. BEACON ST AT THE E COR OF THE JUNCTION OF A SIDE ROAD, ABOUT 1 BLK S OF THE E.K. WOOD LUMBER CO, AT L.A. PUMPING STA 5, AND IN THE TOP OF THE W SIDE OF THE CIRCULAR CONCRETE TOP OF THE PLANT. A ~~BOLT~~ CUT SPIKE W.S. 29.

L.A.Co. 1952 Adj. = 13.827 ✓

Not recovered 15 Sept 64 See F.B. 3701-153 for BM 5-67A F.E.B.

BM 5-67 (US 3682)(D 615)

AT SAN PEDRO, L.A. CO, ON HARBOR BLVD., E OF THE CENTER OF THE CROSSING OF N. BEACON ST, AT THE E COR OF THE JUNCTION OF A SIDE ROAD, ABT 1 BLK S OF THE E.K. WOOD LUMBER CO., AT L.A. PUMPING STA. 5, 0.5' S OF THE S.W. COR OF A LARGE IRON LID TO THE ENTRANCE OF THE PLANT, IN THE TOP OF THE CONCRETE TOP OF THE PLANT AND 0.9 FT N.E OF THE EDGE. A STD DISK, STAMPED "D 615 1941". WS 29.

L.A. Co. 1952 Adj. = 13.855 ✓

See F.B. 3701-156 for new description 15 Sept 64 F.E.B.

B.M 5-68 (U.S. 3687)(TIDAL 36)

AT SAN PEDRO, L.A. CO, AT THE L.A. OUTER HARBOR, AT THE FOOT OF THE PROLONGATION OF 10TH ST, W OF THE P.E. RY TRACK, IN THE TOP OF A LONG CONCRETE RETAINING WALL ON THE E. SIDE OF HARBOR BLVD. 4 FT S OF THE N. END, AND ABT 3 FT HIGHER THAN THE TRACK. A BOLT WS 29.

L.A.Co. 1952 Adj = 10.596 ✓

76F309S 247 2-51

F. B. 1206 PG. 54

See F.B. 3701-159 for.
New Description
17 Sept 1964 F.E.B.

B.M. 5-69 (US 3688) (TIDAL 49)

IN L.A. CO, AT SAN PEDRO, AT BERTH 73, L.A OUTER HARBOR, ABT 0.2 MI NW OF THE SIGNAL ST. VIADUCT, ABT 110 YDS N.W. OF THE N END OF FISHERMAN'S WHARF (FORMERLY SO. PAC. CO. SLIP) E OF HARBOR BLVD, W OF THE P.E. RY TRACK, IN THE FACE OF A LONG HIGH CONC RETAINING WALL ABT 160' N OF THE S END, 6' S OF A POINT BELOW THE 1ST ANCHORAGE OF THE CABLES ON THE RETAINING WALL, AND ABOUT 1' ABOVE THE GROUND. A STD DISK, STAMPED "49 1938" AND SET VERTICALLY.

L.A. Co. 1952 Adj = 9.580

See F.B. 3701-159 for
New Description 17 Sept 1964 F.E.B.
F.E.B. 15 Jan 64

B.M 5-70 (U.S. 3689) (TIDAL 12)

AT SAN PEDRO, L.A CO, AT THE L.A. OUTER HARBOR, UNDER THE SIGNAL ST. VIADUCT LEADING TO THE HARBOR, AT A PROMINENT WATER TANK AT THE N END OF THE PORT of LOS ANGELES WAREHOUSE 12 ~~L.A COMPRESS AND WAREHOUSE CO~~ PROPERTY, AT THE THIRD CONCRETE COLUMN W OF THE STAIRWAY LEADING FROM THE GROUND LEVEL TO THE OVERPASS LEVEL, AND IN THE TOP OF THE S.W. COR OF THE CONCRETE FOOTING. A STD DISK, STAMPED "12 1935"

L.A. Co. 1952 Adj = 10.077

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. 4923 Tape No. St'd. °F
Office Work	Surveyed by H. F. Naumann
Checked	Notes Shin-ouh Date Oct '51
Date	Indexed [illegible]

F. B. 1306 Pg. 55

See F.B. 3701-161 for new description 18 Sept 64 FEB.

15 June 64 FEB

BM 5-71 (U.S. 3690) (TIDAL 11)

AT SAN PEDRO, L.A. Co., AT THE L.A. OUTER HARBOR, AT THE NAVY LANDING AND BERTH 57, AT THE ~~L.A. COMPRESS AND WAREHOUSE CO. PROP.~~ Port of Los ANGELES WAREHOUSE 12 ON 22 ND ST. BETWEEN MINER AND SIGNAL STS., IN THE TOP OF THE CONCRETE LOADING PLATFORM, AND 1.8 FT E OF THE S.W CORNER. A STD DISK, STAMPED "11 1935".

L.A. Co. 1952 Adj. = 11.368

See F.B. 3701-163 for new description 18 Sept 64 FEB

BM. 5-72 (U.S. 2593) (TIDAL 10)

AT SAN PEDRO, L.A. Co., AT THE S END OF THE SIGNAL ST. VIADUCT LEADING TO THE HARBOR, ON THE W SIDE OF THE STREET, AT THE BASE OF A LAMPOST, AND IN THE TOP OF THE S END OF THE CURB. A STD DISK STAMPED "10 1930".

L.A. Co. 1952 Adj. = 9.168

See F.B. 3701-165 for new description 18 Sept 64 FEB

BM. 5-73 (U.S. 2592) (TIDAL 9)

IN L.A. Co., AT SAN PEDRO, L.A. OUTER HARBOR AT THE E SIDE OF BERTH 57, ABOUT 305' S. OF THE S. END OF THE SIGNAL ST. VIADUCT, AT THE N.E. CORNER OF A FORMER LOADING PLATFORM (USED IN JULY 1945 BY U.S. NAVY FOR OFFICE SPACE) IN THE TOP OF THE PLATFORM, 1' S OF THE NE COR AND ABOUT 4' HIGHER THAN THE STREET PAVEMENT AND A CATCH BASIN. A STD DISK STAMPED "9 1930"

L.A. Co. 1952 Adj. = 10.906

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. 1206 PG. 56

FEB 15 June 64

~~See the Bo.~~ See F.B. 3701-167 for new description 18 Sept 64 F.E.B.

B.M. 5-74 (U.S. 2196)(TIDAL 8)(L.A.H.D.)

IN L.A. CO., AT SAN PEDRO, AT BERTH 60, L.A. OUTER HARBOR, AT THE S. END OF MUNICIPAL DOCK 1, 77.5' S OF THE S.W. COR OF ~~THE TRANSIT SHED~~ Main Bldg., 38.6' W OF THE S.E. COR OF THE CONCRETE DOCK, 25.9' E OF THE S.W. COR OF THE DOCK IN THE CONCRETE FLOOR, 1.6' N OF THE S. EDGE, AND IN A DEPRESSION 0.2' DEEP. A BRASS BOLT AND WASHER STAMPED "8 14 FT. ABOVE MLLW" AND COVERED WITH A 6" CAP.

L.A.Co. 1952 Adj. = 11.129

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

Do not extend notes this line 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 OVERCAST Inst. No. 56010
Notes by G.E. DREIER Time 900 AM TO 1900 Rod No. 7-S

Name L.A.C. PROJECT
Job No. 4923
From B.M. 4-28 To B.M. 5-2
Date 9-26-51
Indexed R. C. Johnson 10-22-51

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	[illegible]		[illegible]		E7	5.893		321		BM 4-28 (U.S. 4077 WATTS HOA)
	5.822		321			5.572		321		SEE F.B. 1205 - 33
	5.502		322.8			5.251		642.2		FOR DESCRIPTION
1	17.477	5.826		628	64°	16.716	5.572		642.2	
	[illegible]		653			6.540		649		T. E.E. DREIER
	4.060		653			5.891		650		
	3.408		1307.9			241		299		
2	13.255	4.406		1928		17.672	5.891		1941	
	5.205		644			6.084		642		
	4.559		647			5.442		642		
	3.912		1291			4.799		1285		
3	13.674	4.555		2212		16.325	5.442		2326	
	5.41[illegible]		6[illegible]			6.728		650		
	4.758		654			6.078		651		
	4.104		1307			5.427		1301		
4	14.273	4.758		4526		18.233	6.078		4527	
										SEE F.B. 1205 - 33 FOR DESCRIPTION
		19.542					22.983			

F.B. 1206 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 OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 900 TO 10[illegible] Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 4-28 To B.M. 5-[illegible]
Date 9-26-51
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
	6389	19542 ✓	[illegible]	452.6 ✓		3102	2[illegible]983 ✓	304	4527 ✓	
	6096		[illegible]			2798		306		B.M. 5-2 (AS 4078)(X7[illegible]
	[illegible]802		58.7 ✓			2[illegible]		61[illegible] ✓		SEE F.B. 1206-67
5	1[illegible]287 ✓	6096 ✓		511.3 ✓		8392 ✓	[illegible] ✓		5137 ✓	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 4-28 TO B.M. 5-2
										TOTAL BACKSIGHTS + 25.638 ✓
										TOTAL FORESIGHTS - 25.7[illegible] ✓
										DIFF IN ELEVATION - 0.142 ✓
		25638 ✓					25.7[illegible]0 ✓			

F.B. 1206 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 OVERCAST Inst. No. 50010[illegible]
Notes by G.E. DREIER Time 10:00 TO 10:45 Rod No. 758

Name L.A. Co. PRECISE [illegible]
Job No. 4923
From BM 5-2 To 3 [illegible]
Date 9-26-51
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
	3057		300		#7	6355		302		BM 5-2
	2757		300			6056		303		SEE F.B. 12[illegible]
	2457		600			5753		605		FOR DESCR[illegible]
1	8271	2757		60.0	65°	18167	6056		60.5	[illegible]
										B.M. 5-1
										SEE F.B. 12[illegible]
										FOR DESC[illegible]
	6[illegible]		647			5330		658		
	5[illegible]3		646			4672		656		
	2347		1293			4016		1314		
2	17950	5[illegible]		189.3		14018	[illegible]		1919	
	6169		643			5283		[illegible]		
	[illegible]		[illegible]			[illegible]		647		
	[illegible]		[illegible]			[illegible]		1294		
3	[illegible]	[illegible]		318.0		13[illegible]	[illegible]		321.3	
	6[illegible]		6[illegible]			5649		646		
	[illegible]		6[illegible]			4403		644		
	[illegible]		[illegible]			[illegible]		[illegible]		
4	17690	5897		445.9		[illegible]	[illegible]		4503	
		20,17[illegible]					19,775			

F.B. 1[illegible] 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 [illegible] Weather OVERCAST Inst. No. [illegible]
Notes by G.E. DREIER Time [illegible] Rod No. [illegible]

Name L.A.Co. PRECISE LEVEL [illegible]
Job No. 4123
From BM 5-2 To B.M. 4-[illegible]
Date 4-26-51
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
	5929	20.173 ✓	[illegible]	448.9 ✓		6182	[illegible] ✓	[illegible]	450.3 ✓	
	5611		[illegible]			5866		[illegible]		B.M. 4-28
	[illegible]		63[illegible] ✓			5558		632 ✓		[illegible] F.B. 1206 33
5	16832 ✓	5.611 ✓		5126 ✓	66°	17598 ✓	[illegible] ✓		5135 ✓	FOR DESCRIPTION
										SUMMATION OF RUN BM. 5-2 TO B.M. 4-28
										TOTAL BACKSIGHTS + 25.78 ✓
										TOTAL FORESIGHTS − 25.64 ✓
										DIFF IN ELEVATION + 0.14 ✓
		25,784 ✓					25,[illegible]41 ✓			

F.B. 1206 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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2:45-10:30A Rod No. 758

Name L.A. Co. Precise L. (?) Yet
Job No. 4923
From B.M. 5-2 To B. 5-4
Date 9-27-51
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
	[illegible]		726		#7	6770		755		
	[illegible]		727			6015		756		B.M. 5-2 (45.4073, 37.6?)
	1317		1455			5261		1509		SEE F.B. 1206-6?
1	6755	[illegible]		1455	66°	12048	6014		1509	FOR DESCRIPTION
	4103		649			5364		652		
	3455		649			4712		651		T. G.E. DREIER
	2806		1298			4061		1303		
2	10364	3.455		2598		14137	4.712		2812	
	4701		654			5660		640		
	4114		653			5020		640		
	3461		1307			4381		1281		
3	12276	4.114		4059		15043	5.014		4103	
	4350		651			6149		650		
	3699		651			5499		648		
	3048		1302			4851		1298		
4	11097	3.699		5361		16499	5.500		5401	
	4422		664			6134		635		
	3758		666			5499		637		
	2992		1330			4862		1272		
5	10972	3.657		6691		16495	5.499		6673	
		17.170					26.740			

F.B. 1206 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 Inst. No. 50010
Notes by S. SHINODA Time 8:45-10:30 Rod No. 7&8

Name L.A. Co. PRECISE LEVEL
Job No. 4923
From B.M. 5-2 To B.M. 5-4
Date 9-27-51
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
	[illegible]	17.170	649	667.1		5973	[illegible]	645	667.3	
	3591		652			5348		647		
	[illegible]		[illegible]			4701		1292		
6	10772	3.591		[illegible]		16042	[illegible]		7965	
	4770		649			5731		644		
	[illegible]		651			5087		646		
	[illegible]		[illegible]			4441		1290		
7	[illegible]	4.121	129.9	8.9		15259	[illegible]		7255	
	[illegible]		628			6552		659		
	4181		651			[illegible]		661		
	3552		[illegible]			[illegible]		[illegible]		
8	12542	4.181		10547		[illegible]	[illegible]		10575	
	4397		652			6236		648		
	3759		652			5588		649		
	3087		1304			4139		1297		
9	11217	3.759		11854		16763	[illegible]		11872	
	5186		647			6167		649		
	4539		648			5518		649		
	[illegible]		1295			4869		1298		
10	13616	4.539		13146		16554	[illegible]		1317.0	
		37.341					54.171			

F.B. 1206 PG. 62

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. Hasegawa Weather CLEARING Inst. No. 50010
Notes by S. Shinoda Time 9:45-10:30 AM Rod No. 7 E B

Name L.A. Co. Pacific Coast Line
Job No. 4103
From BM 5-2 To 3 5 4
Date 9-27-51
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
	5154	97.34 ✓	651	1314.6	✓	6019	54.171 ✓	648	1317.0 ✓	
	4503		652	5		5371		650		
	3851		1303 ✓			4721		1298 ✓		
11	13508 ✓	4.503 ✓		1444.9	✓	16111 ✓	53.70 ✓		1446.8 ✓	
	4922		645			6544		650		
	4277		646			5891		653		
	3631		1291 ✓			5238		1303 ✓		
12	13910 ✓	4.237 ✓		1574.0	✓	17673 ✓	58.91 ✓		1577.4 ✓	
	5527		647			6537		652		
	4879		648			5885		651		
	4231		1295 ✓			5234		1303 ✓		
13	14630 ✓	4.877 ✓		1703.8	✓	17656 ✓	58.85 ✓		1707.7 ✓	
	5402		651			6897		653		
	4751		651			6245		654		
	4100		1302 ✓			5591		1307 ✓		
14	14253 ✓	4.751 ✓		1833.7	✓	18734 ✓	62.45 ✓		1838.4 ✓	
	6042		651			6425		650		
	5391		654			5775		651		
	4739		1303 ✓			5124		1301 ✓		
15	16172 ✓	53.91 ✓		1964.0	✓	17324 ✓	57.75 ✓		1968.5 ✓	
		61.200 ✓					83.337 ✓			

F.B. 1206 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 8:45-10:30 AM Rod No. 1 & 3

Name L.A. Co. Precise Level [illegible]
Job No. 4923
From BM 5-2 To BM 5-4
Date 9-27-51
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
	4692	61.200	669	1964.0 3.9		5542	[illegible]	643	1968.5	
	4023	-	670			4899		644		SUMMATION OF RUN
	3353		1339			4255		1287		BM 5-2 TO BM 5-4
16.	12068	4.023		2097.8		14696	4.[illegible]9		20972	
	4901		721			7132		728		
	4180		721			6404		727		TOTAL BACKSIGHTS + 75.465
	3459		1442			5677		455		" FORESIGHTS - 97.0[illegible]
17.	12540	4.180		2242.0		19213	6.404		22427	DIFF. IN ELEVATION - 21.61[illegible]
										BM 5-3 (US 4080)(WATTS [illegible]-4
										SEE F.B 1206 - 8,9
		69.403					94.640			FOR DESCRIPTION
	6553		491			2929		487		
	6062		491			2442		485		BM 5-4 (U.S. 4079)(W-76[illegible])
18	5571		982			1957		972		SEE F.B 1206 - 8,9
	18186	6.062		2340.2	70°	7328	2.443		2339.9	FOR DESCRIPTION
		75.465					97.[illegible]3			

F.B. 1206 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 S. SHINODA Time 10:40-1:30 P.M. Rod No. 7 & 8

Name L.A. Co. [illegible]
Job No. 4725
From BM 5-4 To [illegible]
Date 9-27-51
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
	140		488		#1	6564		490		
	2452		485			6074		49.1		BM 5-4 (U.S. 4079 W.76)
	1967		97.3			5583		98.1		SEE F.B. 1206-8,7
1	7359	2.453		97.3	72°	18221	6.074		98.1	FOR DESCRIPTION
										⊼ G.E. DRIVER
	7161		730			4922		716		BM 5-3 (U.S. 4080 WATTS 1-4)
	6431		732			4206		718		SEE F.B. 1206-8,
	5690		1462			3488		1434		FOR DESCRIPTION
2	19291	6.430		243.5		12616	4.205		241.5	
	5655		653			4787		659		
	5006		651			4128		659		
	4351		1304			3469		1318		
3	15008	5.003		373.9		12384	4.128		373.8	
	6410		650			6027		654		
	5760		650			5373		651		
	5110		1300			4722		1305		
4	17280	5.760		503.9		16122	5.374		503.8	
		19.646					19.781			

F.B. 1206 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:40-1:30 PM Rod No. 7&8

Name L.A. Co PRECISE LEVEL 1st
Job No. 4923
From BM 5-4 To BM 5
Date 9-27-51
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
	6800	19646	654	503.9		5302	[illegible]	650	503.8	
	6146		655			4652		649		
	5491		1309			4003		1299		
5	18437	6.146		6348		13957	[illegible]		633.7	
	6489		649			5480		648		
	5840		648			4832		649		
	5192		1297			4183		1297		
6.	17521	5.840		7645		14495	[illegible]		763.4	
	6758		660			5187		640		
	6098		659			4547		640		
	5439		1319			3907		1280		
7.	18295	6.098		896.4		13641	[illegible]		891.4	
	6027		647			5166		652		
	5380		648			4514		654		
	4732		1295			3860		1306		
8.	16139	5.380		1025.9		13540	4.513		1022.0	
	6147		647			5173		651		
	5500		646			4522		652		
	4854		1293			3870		1303		
9.	16501	5.500		1155.2		13565	[illegible]		1152.3	
		48.610					42.947			

F.B. 1206 PG. 66

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 5001C
Notes by S. SHINODA Time 10:40-1:30P.M. Rod No. 7 & 8

Name LA Co Precise Le[illegible]
Job No. 49-3
From B.M. 5-4 To [illegible]
Date 9-27-51
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
	6184	48.610	649	1155.2		4339	42.847	651	1156.3 2	
	5535		651			3688		655		
	4884		1300			3053		1306		
10	16603	5.534		12852		11560	3.687		12859 2	
	6738		655			5002		631		
	6083		654			4371		631		
	5429		1309			3740		1262		
11.	18250	6.083		14161		13113	4.371		14131 09.	
	5753		645			4791		645		
	5107		648			4146		647		
	4460		1293			3499		1292		
12.	15321	5.107		15454		12436	4.145		15423 38	
	6025		647			4273		651		
	5378		648			3622		651		1 HOUR FOR LUNCH
	4730		1295			2971		1302		
13	16133	5.378		16749		10866	3.622		16725 68.	
	6130		646			4293		652		
	5484		647			3641		654		
	4837		1293			2987		1306		
14	16451	5.484		18042	80°	10921	3.640		18031 1799.1	
		76.196					62.312			

F.B. [illegible] 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. 50910
Notes by S. SHIMOMURA Time 10:40-1:15 P.M. Rod No. 2 5 B

Name L. A. Co. PRECISE LEVEL 16
Job No. 4720
From BM 5-4 To BM 5-2
Date 1-27-51
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
	6178	76.196	646	1844.2		4388.86		657	1800.4	
	5532		644			3731		654	1799.1	
	4888		1290			3077		1311		
15	16598	5.533		19332		11196	3.732		19382	
	6009		646			5118		652		
	5363		645			4466		654		SUMMATION OF RUN
	4718		1291			3812		1306		BM 5-4 TO BM 5-2
16	16090	5.363		20623		13796	4.599		20688	
	5602		652			4339		648		TOTAL BACKSIGHTS +98.194
	4950		652			3691		649		" FORESIGHTS -76.885
	4298		1304			3042		1297		DIFF. IN ELEVATION +21.309
17	14850	4.950		21927		11072	3.691		21945	
	6811		738			3179		734		
	6153		741			2385		734		BM 5-2 (US 4078) (X769)
	5412		1479			1651		1468		SEE F.B. 1205-6,7
18	11456	6.152		23406	80°	7550	2.515		23431	FOR DESCRIPTION
		98.194					76.885			

F.B. 1206 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 2:00 - 3:10 P.M. Rod No. 7 & 8

Name L.A. Co PRECISE [illegible]
Job No. 4723
From BM 5-4 To BM 5-5
Date 9-27-51
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
	3357		655		#7	6294		668		
	2698		658			5626		670		B.M. 5-4 (U.S. [illegible] W-76)
	2040		1313			4956		1338		SEE F.B. 1206 [illegible]
1	8071	2.697		131.3	80°	16876	5.625		133.8	FOR DESCRIPTION
	4743		653			6608		647		
	4290		652			5961		648		⊼ G.E. DREIER
	3638		1305			5313		1295		
2	12871	4.290		261.8		17882	5.961		263.3	
	5087		650			6503		649		
	4437		651			5854		647		
	3786		1301			5207		1296		
3	13310	4.437		391.9		17564	5.855		392.9	
	5014		653			6531		655		
	4360		654			5876		655		
	3707		1307			5221		1310		
4	13082	4.361		522.6		17628	5.876		523.9	
	5055		653			5944		651		
	4402		656			5293		650		
	3746		1309			4643		1301		
5	13203	4.401		653.5		15880	5.293		654.0	
		20.186					28.610			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. [illegible] Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:00-3:10 [illegible] Rod No. 7 & 8

Name LA Co. PRECISE LEVEL [illegible]
Job No. 4923
From BM 5-4 To BM 5-5
Date 9-27-51
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
	5148	20186	658	653.5		6054	21[illegible]0	654	654.0	
	4490		658			5400		654		
	3832		1316			4746		1308		
6.	13470	4.490		785.1		16200	5.400		784.8	
	4950		658			6113		655		
	4692		661			5458		658		
	3631		1319			4800		1313		
7.	1[illegible]873	4.29[illegible]		9170		16371	5.457		9161	
	5002		655			6251		651		
	4347		656			5594		654		
	3691		1311			4940		1311		
8.	13040	4347		10481		16785	5.[illegible]5		10472	
	5136		656			6603		645		
	4480		659			5958		641		
	3821		1315			5311		1292		
9.	13437	4.479		11796		17872	5.[illegible]7		11764	
	4826		655			6742		650		
	4171		654			6092		650		
	3517		1309			5442		1300		
10.	12514	4.171		1310.5		18276	6.[illegible]92		13064	
		41.964					57.[illegible]11			

F.B. 1206 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 S. SHINODA Time 2:00-3:10 P.M. Rod No. 7 & 8

Name L.A. Co. PRECISE [illegible]
Job No. 4925
From BM 5-4 To BM 5-5
Date 9-27-51
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4959	41964	591	1310.5		8095	57.111	598	1306.4	
	4368		591			7497		598		BM 5-5 (U S 4[illegible]) (W[illegible] I-4A)
11.	3777		1182			6899		1176		SEE F.B. 1-06 [illegible]
	13104	4368		1428.7	76°	22491	7.497		1426.0	FOR DESCRIPTION
										SUMMATION OF [illegible] BM 5-4 TO BM 5-5
										TOTAL BACKSIGHTS + 46.3[illegible]
										FORESIGHTS 64.608
										DIFF. IN ELEVATION − 18.2[illegible]
		46.3[illegible]					64.608			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. 1206 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 S. SHINODA Time 2:45-3:35 PM Rod No. 7 & 8

Name L.A. Co. Engineering
Job No. 4925
From BM 5-5 To B 5-4
Date 10-4-51
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
	8079		588		#7	4966		603		BM 5-5 (US 40P1) (INT 3 E4A)
	7491		588			4363		602		SEE F.B. 1205-1
	6902		1177			3761		1205		FOR DESCRIPTION
1	22472	7491		117.7	78°	13090	4363		1205	
	6752		652			4838		655		
	6100		652			4183		654		TO GE. DEF. 8
	5448		1304			3529		1309		
2	18300	6100		2481		12550	4183		2514	
	6510		641			5051		660		
	5869		643			4391		659		
	5226		1284			3732		1319		
3	17605	5868		3765		13174	4391		3833	
	6170		672			4894		645		
	5498		671			4249		646		
	4827		1343			3603		1291		
4	16495	5498		5108		12746	4249		5124	
	6112		662			4942		657		
	5450		662			4285		656		
	4788		1324			3629		1313		
5	16350	5450		6432		12856	4285		6437	
		30407					21471			

F.B. 1206 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 H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by [illegible] SHINODA Time 2:45-3:35 [illegible] Rod No. 7 & 8

Name [illegible]
Job No. 4923
From BM 5-5 To BM 5-1
Date 10-4-51
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
	5949	[illegible]	657	643.2		5043	[illegible]	662	643.7	
	5292		657			4381		662		
	4635		1314			3719		1324		
6	15876	5.292		7146		13143	4.381		7761	
	5969		650			5081		656		
	5319		650			4425		657		
	4669		1300			3768		1313		
7	15957	5.319		9046		13274	4.425		9074	
	6581		652			5073		661		
	5929		651			4412		660		
	5278		1303			3752		1321		
8	17788	5.929		10349		13237	4.412		10395	
	6661		670			5202		629		
	5991		670			4573		630		
	5321		1340			3943		1259		
9	17973	5.991		11689		13718	4.573		11654	
	6649		650			4981		651		
	5999		651			4330		651		
	5348		1301			3679		1302		
10	17996	5.999		12990		12990	4330		12956	
		58.937					43.572			

F.B. 1206 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 S. SHINODA Time [illegible]-3.35 PM Rod No. 7 & 8

Name L.A. Co. Precise Lev. No.
Job No. 49-3
From B.M. 5-5 To B.M. 5-4
Date 10-4-51
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6378	58.937	646	1299.0		3406	43.592	658	1295.6	B.M. 5-4 (U.S. 4079 [illegible])
	5672		644			2748		660		SEE F.B. 1206 [illegible]
	5028		1290			2088		1318		FOR [illegible]
	17018	5.673		14280	76°	8242	.747		14274	
										SUMMATION OF [illegible] B.M. 5-5 TO B.M. 5-4
										TOTAL BACKSIGHTS +64.61[illegible]
										TOTAL FORESIGHTS -46.33[illegible]
										DIFF. IN ELEVATION +18.2[illegible]
		64.610					46.339			

F.B. 1206 PG. 75

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name.....
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. 1206 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 Naumann Weather CLEAR Inst. No. 50010
Notes by S Shinoda Time 1:30-2:05 P.M. Rod No. 7 & 8

Name LA Co Engineers Div 16
Job No. 4923
From BM 5-5 To 7 5-7
Date 10-4-51
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
	6021		270		#7	5474		260		
	5151		270			5214		260		BM 5-5 (U 40) (WATER 4A)
	5421		540			4954		520		SEE F.B. 1206-10
1	17753	5751		540	78°	15642	5214		520	FOR DESCRIPTION
	4459		651			6562		655		
	3808		651			5707		656		A G E DATA
	3157		1302			5451		1311		
2	11424	2808		1942		17720	5907		1831	
	4478		652			6251		659		
	3826		652			5572		656		
	3162		1316			4936		1315		
3	11460	3120		3158		16779	5593		3146	
	4890		654			6324		652		
	4236		657			5672		653		
	3579		1311			5019		1305		
4	12705	4235		4469		17015	5672		4451	
	5997		666			5179		590		
	5331		667			4589		589		
	4664		1333			3998		1179		
5	15992	5331		5802		13766	4589		5622	
		22945					26975			

F.B. 1204 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 S. SHANNON Time 1:30 - 2:05 PM Rod No. 78

Name L.A. Co. PRECISE LEVEL 1st
Job No. 4923
From BM 5-5 To BM 5-7
Date 10-4-51
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		22.945		510.2			[illegible]		563.2	BM 5-6 (U.S. 54)(A-88) SEE F.B. 1206-11 FOR DESCRIPTION
6	3412 3708 2001	2.707	704 707 1411	7215		7020 6243 5465	[illegible]	770 777 1557	7189	SUMMATION OF RUN BM 5-5 TO BM 5-7
7	4774 4242 3561	4.24[illegible]	652 658 1505	8518		5918 5267 4615	[illegible]	651 652 1505	8492	TOTAL BACKSIGHTS +34.4[illegible]3 - FORESIGHTS - 45.4[illegible]6 DIFF. IN ELEVATION -11.[illegible]
8	5169 4519 3869	4.519	650 650 1300	981.8	79.2	7611 6961 6311	[illegible]	650 650 1299	9791	BM 5-7 (WATTS I-5A) SEE F.B. 1206-12 FOR DESCRIPTION
		34.413					45.144			

F.B. 1206 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 S. SHINODA Time 2:05 - 2:45 PM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVELING
Job No. 4923
From BM 5-7 To E 5-5
Date 10-4-51
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7588		649		#7	5144		650		BM 5-7 (WATTS I 51)
	6939		651			4494		651		SEE F B 1206
	6288		1300			3843		1301		FOR DESCRIPTION
1.	20815	6938		130.0	79°	13481	4494		130.1	
	5919		651			4898		653		⊼ G.E. DREIER
	5268		654			4245		653		
	4614		1305			3592		1306		
2.	15801	5267		2605		12735	4245		2607	
	6874		749			3324		735		
	[illegible]		747			2587		737		
	[illegible]		1498			1852		1472		
3.	18375	6125		4103		7765	2588		4079	
										BM 5-6 (US 34) ([illegible])
										SEE F.B. 1206
										FOR DESCRIPTION
	5196		623			5948		633		
	4573		622			5315		633		
	3951		1245			4682		1266		
4.	13720	4573		5348		15945	5315		5345	
		22903					16642			

F.B. 1206 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. [illegible] Weather CLEAR Inst. No. 50010
Notes by S. SH[illegible] Time 2:05-2[illegible] Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL [illegible]
Job No. 4923
From BM 5-7 To BM 5-[illegible]
Date 10-4-51
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
	6297	22.903	652	534.8		4860	16.[illegible]	659	534.5	
	5645		652			4207		657		
	4993		1304			3550		1316		
5	16935	5.645		6652		12623	[illegible]		6661	
	6508		658			4735		657		
	5850		659			4078		658		SUMMATION OF RUN
	5191		1317			3420		1315		B.M. 5-7 TO B.M. 5-5
6	17549	5.850		7969		12233	[illegible]		7976	
	6538		656			4440		652		TOTAL BACKSIGHTS + 45.5[illegible]
	5882		653			3788		655		" FORESIGHTS − 34.4[illegible]
	5229		1309			3133		1307		DIFF. IN ELEVATION + 11.0[illegible]
7	17649	5.883		9218		11361	3.787		9283	
	5498		265			6036		267		
	5233		264			5769		267		B.M. 5-5 (US 4081) (WAT[illegible] 4A)
	4969		529			5502		534		SEE F.B. 1206-10
8	15700	5.233		9807	78°	17307	5.[illegible]		9817	FOR DESCRIPTION
		45.514					34.[illegible]24			

F.B. 1206 PG. 80

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 500 10
Notes by S. SHIMODA Time 920 - 930 AM Rod No. 7 & 8

Name L.A.C.S. PRECISE LEVELING
Job No. 4925
From BM 5-7 To BM 5-9
Date 10-5-51
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
1.	6220 5858< 5338 11571	5.785	362 365 727	[illegible]	#7	5413 5006 4779 5193	5.064	347 348 695	[illegible]	B.M. 5-7 (WATER [illegible]) SEE F.B. 1-26 FOR DESCRIPTION
2	5034 4377 3760 8137	4.134	654 656 1310	2037		6034 5377 4726 6134	5.578	657 650 1304	2001	T. G. E. DRIVER
3	[illegible] [illegible] [illegible] [illegible]	4.796	655 655 1310	[illegible]		6394 5748 5015 [illegible]	5.742	650 656 1314	3315	
4	4992 4334 3677 6974	4.325	658 656 1314	4621		5677 5017 4357 5057	5.217	660 660 1320	4295	
5	5729 5088 4447 5388	[illegible]	641 641 1282	5993		6231 5584 4937 [illegible]	5.574	647 642 1289	5928	
		24.462					30.787			

F.B. [illegible] PG. 81

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name LACo PRECISE LEVEL N[illegible]
Job No. 4923
From BM 5-7 To BM 5[illegible]
Date 10-5-51
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
	5346	24463	654	5903		6075	20787	649	5928	
	4692		653			5426		649		
	4039		1307			4777		1298		
6	14077	4.692		7210		16278	5426		7226	
	5629		644			5832		662		
	4185		644			5170		664		
	4341		1288			4506		1326		
7	14955	4.985		8498		15508	5169		8552	
	4403		645			5934		657		
	3758		648			5277		658		
	3110		1293			4619		1315		
8	11271	3.757		9797		15830	5277		9867	
	5297		669			6109		632		
	4628		668			5477		635		
	3960		1337			4842		1267		
9	13885	4.628		11128		16428	5[illegible]		11134	
	4819		459			5431		393		
	4360		460			5038		395		
	3900		919			4643		788		
10	13079	4.360		12047		15112	5[illegible]37		11922	
		46885					5[illegible]			

F.B. 1206 PG. 82

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.E. NEUMANN Weather CLEAR Inst. No. 59010
Notes by S. SHINODA Time 8:30-9:30AM Rod No. 7 E 8

Name L.A. CO. PRESCRIPTION
Job No. 4923
From BM 5-7 To [illegible] 5-9
Date 9-5-51
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4879	46.885	619	12947		6029	58.172	6961192.2		
	4260		621			5348		674		
	3639		1240			4659		1370		
11.	12778	4.259		13287		16037	5.344		13292	
	5380		658			6321		657		
	4722		652			5664		654		SUMMATION OF [illegible]
	4077		1305			5010		1311		BM 5-7 TO [illegible]
12.	14188	4.72		14592		16995	[illegible]		14603	
	5558		656			7412		654		TOTAL BACKSIGHTS [illegible]
	4902		658			7058		658		FORESIGHTS [illegible] 5.148
	4244		1314			6400		1312		DIFFERENCE [illegible] 7.972
13.	14704	4.903		15901		21170	7.057		15915	
										BM 5-8 (WA[illegible])
										SEE F.B. 1026
										FOR [illegible]
	7370		370			4870		360		
	7000		370			4510		361		BM 5-9 (US 40[illegible]) ([illegible]
	6630		740			4149		721		SEE F.B. [illegible]
14	21000	7.000		16641	7.8°	13529	4.510		16636	FOR [illegible]
		67.770					75.748			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. 1206 PG. 84

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. [illegible] Weather CLEAR Inst. No. 50010
Notes by S. [illegible] Time 1:35-2:40 PM Rod No. 7 & 8

Name L.A. Co. [illegible]
Job No. 4923
From BM 5-9 To BM 5-7
Date 10-5-51
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4[illegible]7		364		#7	7363		366		B.M. 5-9 (U.S. 4082) [illegible]
	4503		362			6996		361		SEE F.B. 1206-[illegible]
	4141		726			6628		734 5		FOR DESCRIPTION
1	13511	4.504		72.6	82°	20987	6.9[illegible]		73.4 6	
										⊼ G.E. DRESSER
	7727		655			5575		655		B.M. 5-8 (WATTS [illegible])
	7074		654			4920		655		SEE F.B. 1206-13
	6420		1309			4265		1310		FOR DESCRIPTION
2	21223	7.074		203.5		14760	4.920		204.4 5	
	6352		654			5412		650		
	5698		655			4762		654		
	5043		1309			4108		1304		
3	17093	5.698		334.4		14282	4.761		334.8 9	
	6031		659			4935		647		
	5372		660			4288		647		
	4712		1319			3641		1294		
4	16115	5.372		466.3		12864	4.288		464.3	
		22.648					20.965			

F.B. 1206 PG. 95

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50070
Notes by S. SHINODA Time 1:35-2:40 Rod No. 7 & 8

Name LAC PRECISE LEVEL N.
Job No. 4723
From BM 5-9 To BM 5
Date 10-5-51
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
	5604	22.648	395	466.3		4988	20.965	457	464.2 3	
	5209		398			4531		457		
	4811		773			4074		914		
5	15624	5.208		5456		13593	4.531		555.7	
	6070		671			5182		630		
	5399		670			4552		632		
	4729		1341			3920		1262		
6	16198	5.399		6797		13654	4.551		6819	
	5921		655			4398		650		
	5266		654			3748		650		
	4612		1309			3098		1300		
7	15799	5.266		8106		11244	3.748		8119	
	5862		661			5662		646		
	5201		663			5016		647		
	4538		1324			4369		1293		
8	15601	5.200		9430		15047	5.016		9412	
	5971		648			5242		654		
	5323		651			4588		652		
	4672		1299			3936		1306		
9	15966	5.322		10729		13766	4.589		10717	
		49.043					43.400			

F.B. 1206 PG. 86

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:35-2:40 P.M. Rod No. 7 & 8

Name L.A. CO. PRECISE LEVELING
Job No. 49-3
From B.M. 5-9 To B.M. 5-7
Date 10-5-
Indexed A. J. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5743	49.043	646	1072.9		5-77	43.400	640	1071.78	
	5097		647			4638		644		
	4450		1293			3994		1284		
10	15290	5017		12022		13910	4637		12032	
	5119		665			4993		635		
	5052		663			4358		634		
	4389		1328			3724		1269		
11	15560	5023		13350		13075	4358		13276	
	6013		642			5098		675		
	5371		640			4423		670		SUMMATION OF RUN
	4731		1282			3753		1347		B.M. 5-9 to B.M. 5-7
12	16115	5372		14632		13212	4404		14617	
	6012		653			5011		650		TOTAL BACKSIGHTS 75.073
	5359		657			4361		654		" FORESIGHTS 67.101
	4702		1310			3707		1304		DIFF. IN ELEVATION 7.972
13	16073	5357		15942		15079	4360		15927	
	5502		352			6301		357		
	5150		353			[illegible]		[illegible]		B.M. 5-7 (WATKINS SM)
	[illegible]		705			5562		719		SEE F.B. 1206-12
14	15449	5150		16647		17225	5742		16646	FOR DESCRIPTION
		75.073					67.101			

F.B. 1206 PG. 27

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. Naumann Weather Clear Inst. No. 50010
Notes by S. Shinoda Time Rod No. 7 & 8

Name L.A.C. Precise Level No.
Job No. 4923
From BM To BM
Date 10-5-51
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

F.B. 1206 PG. 88

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. [illegible] Weather CLEAR Inst. No. 50010
Notes by SHINODA Time 7:40 - 10.45 AM Rod No. 7 & 8

Name L.A. Co. [illegible]
Job No. 4923
From [illegible] To [illegible]
Date 10-5-51
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6157		630		#17	7539		680		[illegible]
	5527		632			6859		681		[illegible]
	4895		1262			6178		1361		FOR DESC[illegible]
1	16579	5.526		126.2	78.0	20576	6.859		136.1	
	5421		675			6247		632		
	4736		685			5615		632		
	4051		1370			4983		1264		
2	14208	4.736		2632		16845	5.615		2625	
	5329		650			6498		641		
	4679		654			5849		649		
	4025		1304			5200		1298		
3	14033	4.678		3936		17547	5.849		3923	
	5096		655			6399		643		
	4441		654			5756		645		
	3787		1309			5111		1288		
4	13324	4.441		5245		17266	5.755		5211	
	5199		642			6564		657		
	4557		645			5907		658		
	3912		1287			5249		1315		
5	13668	4.556		6532		17720	5.907		6526	
		23.937					29.985			

F.B. 1206 PG. 80

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. Naumann Weather Clear Inst. No. 50019
Notes by S. Shinoda Time 9:40-10:15 Rod No. 7 & 8

Name L.A. Co. Purchase Land Tr
Job No. 4703
From B.M. 9 To Fan 5
Date 10-5-61
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
	5439	23.937	649	652.6		5700	47.185	650	652.6	
	4790		648			5050		649		
	4142		1297			4401		1299		
6	17371	4.790		7829		15241	5.650		7825	
	5402		650			5558		653		
	4752		649			4905		652		
	4103		1299			4253		1305		
7	14257	4.752		9128		14716	4.905		9130	
	5382		649			6091		642		
	4733		648			5451		[illegible]		
	4086		1296			4811		1298		
8	14201	4.734		10424		16353	5.451		10428	
	5753		647			6081		649		
	5206		648			5432		651		
	4558		1295			4781		1300		
9	15617	5.206		11119		[illegible]	[illegible]		11128	
	5900		[illegible]			7142		600		
	5338		511			6540		601		
	4767		1141			5931		1217		
10	16013	5.338		12260		19613	6.540		12945	
		42.757					57.391			

F.B. 1206 PG. 90

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 9:40-10:45 AM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL N.
Job No. 4923
From B.M. 5-9 To B.M. 5-12
Date 10-5-51
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
	5167	65.027	647	1581.5		6067	72.716	649	1581.5	
	4520		649			5418		651		
	3871		1296			4767		1300		
14.	13558	4.519		17111		16252	5.417		17115	
	4921		649			6003		651		
	4272		649			5352		652		
	3620		1298			4700		1303		
15.	12813	4.272		18409		16055	5.352		18418	
	5202		751			8297		739		
	4451		749			7558		740		B.M. 5-12 (WAT[illegible])
	3702		1500			6818		1479		SEE F.B. 1206[illegible]
16.	13355	4.452		19909		22673	7.558		19897	FOR DE[illegible]
										SUMMATION OF [illegible] B.M. 5-9 TO B.M. 5-12
										TOTAL BACKSIGHTS 78.272
										" FORESIGHTS 91.043
					78°					DIFF. IN ELEVATION [illegible]
		78.272					91.043			

F.B. 1206 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 S. Shinoda Time 9:40-10:45 Rod No. 7 & 8

Name L A Co Precise Level
Job No. 4983
From BM 5-9 To BM 5-
Date 10-5-51
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
		48.757		1286.0			57391		1294.5	BM 5-10 (WATTS I-7A) SEE F.B. 1206-14 FOR DESCRIPTION
	7555		206			5309		125		
	7353		208			5184		126		
	7145		414			5058		251		
11	2057	7352		1327.4		15551	5184		1319.6	
										BM 5-[illegible] (US 4083)(30 (LACU[illegible]) SEE F.B. 1206-14 FOR DESCRIPTION
	4918		635			5833		644		
	4283		636			5189		648		
	3647		1271			1541		1272		
12	12848	4283		1454.5		15563	5188		1448.8	
	5272		634			5617		665		
	4638		636			4952		662		
	4002		1270			4690		1327		
13	13912	4637		1581.5		14859	4[illegible]3		1551.5	
		65.029					72.716			

F.B. 1206 PG. 92

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. [illegible] Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:45-12:00 AM Rod No. 7 & 3

Name L.A.Co. Pre[illegible]
Job No. 4923
From BM 5-12 To [illegible]
Date 10-5-51
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
	8283		741		#7	5189		748		
	7542		740			4441		749		BM 5-12 (WATTS [illegible])
	6802		1481			3692		1497		SEE F.B. 1206-5
1	22627	7.542		148.1	78[illegible]	13322	4.441		149.7	FOR DESCRIPTION
	6023		651			4941		649		
	5372		651			4292		649		⊼ G.E. DRIVER
	4721		1302			3643		1298		
2	16116	5.372		2783		12876	4.292		2795	
	6047		650			5150		647		
	5397		650			4503		645		
	4749		1300			3858		1292		
3	16197	5.399		4083		13511	4.504		4087	
	5619		648			5307		648		
	4971		646			4659		648		
	4325		1294			4011		1296		
4	4115	4.972		5377		13977	4.659		5383	
	5822		633			4932		647		
	5189		635			4285		648		
	4554		1268			3637		1295		
5	15565	5.188		6645		12854	4.285		6678	
		28.473					22.181			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. K. [illegible] Weather [illegible] Inst. No. 50010
Notes by S. SHINODA Time 10:45 - 12:[illegible] Rod No. 7 & 8

Name L.A. Co Precise Level [illegible]
Job No. 4923
From BM 5-12 To BM 5
Date 10-5-51
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
		28.4[illegible]		664.5			2[illegible].1[illegible]		667.8	BM 5-11 (US 4083)(3[illegible](LA[illegible]) SEE F.B 1206-14 FOR DESCRIPTION
	5270		141			7491		194		
	5129		141			7297		194		
	4988		282			7103		388		
6	15387	5.12[illegible]		692.7		21891	7.[illegible]7		706.6	
										BM 5-10 (WATTS I-7A) SEE F.B 1206-14 FOR DESCRIPTION
	7072		605			5837		573		
	6467		607			5264		573		
	5860		1212			4691		1146		
7	19399	6.46[illegible]		813.9		15792	[illegible].4		821.2	
	6158		661			5908		637		
	5497		661			5271		637		
	4836		1322			4632		1276		
8	16491	5.4[illegible]		946.1		15811	5.[illegible]0		948.8	
		45.56[illegible]					4[illegible].012			

F.B. 1206 PG. 94

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party [illegible] Weather [illegible] Inst. No. 59010
Notes by [illegible] Time 10:45-12:00 AM Rod No. 7 E 8

Name [illegible]
Job No. 4923
From [illegible] To [illegible]
Date 10-5-51
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
	6111	45.540	648	945.1		5396	40.012	648	948.8	
	5462		650			4748		648		
	4812		1299			4100		1296		
9	16385	5462		10760		14244	4748		10784	
	5557		649			5408		652		
	4908		648			4756		650		
	4260		1297			4106		1302		
10.	14725	4908		12057		14270	4757		12086	
	5721		649			5427		649		
	5072		649			4780		649		
	4423		1298			4131		1298		
11.	15216	5072		13355		14340	4780		13384	
	6177		650			4781		651		
	5527		650			4130		651		
	4877		1300			3629		1302		
12	16587	5529		14655		12540	4120		14684	
	6108		643			4809		657		
	5465		642			4152		655		
	4823		1285			3497		1312		
13	16396	5465		15940		12458	4153		15998	
		22.001					62.630			

F.B. 1254 PG. 95

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. Hammann Weather CLEAR Inst. No. 50010
Notes by S. Shinoda Time 10:45-12:00 AM Rod No. 7 & 3

Name L.A. Co. Precise Level Net
Job No. 4983
From BM 5-12 To BM 5-9
Date 10-5-51
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
	6200	72.001	649	1594.0		5034	62.630	653	1599.8	
	5551		648			4381		652		
	4903		1297			3729		1305		
14	16654	5.551		17237		13144	4.381		17303	
	5910		669			5019		650		
	5241		666			4369		649		
	4575		1335			3720		1299		
15	15726	5.242		18572		13108	4.369		18602	
	7528		696			6120		620		
	6832		693			5500		620		B.M. 5-9 (US 4082) (LC 761)
	6139		1389			4180		1240		SEE F.B. 1206-13
16	20499	6.833		19961	90°	16500	5.500		19842	FOR DESCRIPTION
										SUMMATION OF RUN BM 5-12 TO BM 5-9
										TOTAL BACKSIGHTS + 89.627
										" FORESIGHTS − 76.880
										DIFF. IN ELEVATION + 12.747
		89.627					76.880			

F.B. 1206 PG. 96

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 9:55 TO 11:30 Rod No. 7 58

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-12 To B.M. 5-9
Date 10-8-51
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
	8026		739		57	4930		749		
	7287		739			4181		748		B.M. 5-12 (WATTS I-7)
	6548		147.8			3433		149.7		SEE F.B. 1206
1	21.861	7287		147.8	90°	12.544	4.181		149.7	FOR DESCRIPTION
	5942		653			4852		644		
	5289		651			4208		647		T. E. LANDA
	4638		130.4			3561		129.1		
2	15.869	5.290		278.2		12.621	4.207		278.8	
	5306		648			4410		648		
	4658		651			3762		649		
	4007		129.9			3113		129.7		
3	13.971	4.657		408.1		11.285	3.762		408.5	
	5699		649			5383		646		
	5050		649			4737		648		
	4401		129.8			4089		129.4		
4	15.150	5.050		537.9		14.209	4.736		537.9	
	5661		645			4749		638		
	5016		646			4111		639		
	4370		129.1			3472		127.7		
5	15.047	5016		667.0		12.332	4.111		665.6	
		27.300					20.997			

F.B. 1206 PG. 2

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. 5001A
Notes by G.E. DREIER Time 9:55 TO 11:30 Rod No. 78

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-12 To B.M. 5-9
Date 10-[illegible] J.S. 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
		27.300		667.0			20.997		665.6	B.M. 5-11 45.4083 (30(L.A.C.)) SEE F.B. 1206-14 FOR DESCRIPTION
6	5062 4902 4741 14.705	4.902	160 161 32.1	699.1		7232 7071 6910 21.213	7.071	161 161 32.2	697.8	
										B.M. 5-10 (WATTS 1-7A) SEE F.B. 1206-14 FOR DESCRIPTION
F.B. 1206 PG. 98 7	7562 6953 6344 20.859	6.953	609 609 121.8	820.9		6826 5752 5180 17.258	5.753	574 572 114.6	812.4	
8	6367 5711 5058 17.136	5.712	656 653 130.9	951.8		6131 5486 4839 16.456	5.485	645 647 129.2	941.6	
		44.867					39.306			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 9:55 To 11:36 Rod No. 788

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From BM. 5-12 To BM 5-9
Date 10-8-51
Indexed R. C. Job

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6065	44.867	650	951.8		5.343	39.306	645	941.6	
	5.415		651			4.698		648		
	4.764		1301			4.050		1293		
9	16.244	5.415		1081.9		14.091	4.697		1070.9	
	5.511		633			5391		664		
	4.878		631			4726		666		
	4.247		1264			4060		1330		
10	14.636	4.879		1208.3		14.177	4.726		1203.9 40	
	6114		641			5841		659		
	5.473		641			5.182		659		
	4.832		1282			4523		1318		
11	16.419	5.473		1336.5		15.546	5.182		1335.7 8	
	6.072		644			4731		654		
	5428		647			4.078		656		
	4781		1291			3.422		1310		
12	16.281	5.427		1465.6		12.231	4.077		1466.7 09	
	6021		643			4721		658		
	5.378		646			4.063		656		
	4.732		1289			3.407		1314		
13	16.131	5.377		1594.5		12.191	4.064		1598.1	
		71.438					62.052			

F.B. 1235 PG. 90

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 9:55 TO 11:[illegible] Rod No. 78 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-12 To B.M. 5-9
Date 10-8-54
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6126	71.458	658	1592.5		4941	62.052	642	1598.1	
	5468		660			4299		646		
	4808		131.8			3653		128.8		
14	16402	5.467		1726.3		12893	4.298		1726.9	
	5885		652			5020		665		
	5233		653			4355		663		
	4580		1305			3692		1328		
15	15698	5.233		1856.8		13067	4.356		1859.7	
	7634		652			6280		631		B.M. 5-9 (U.S.4082) (LC 760)
	6982		652			5649		629		SEE F.B.1206-13
	6330		1304			5020		1260		FOR DESCRIPTION
16	20946	6.982		1987.2	92°	16949	5.650		1985.7	
F.B. 1206 PG. 100										SUMMATION OF RUN B.M. 5-12 TO B.M. 5-9
										TOTAL BACKSIGHTS +89.120
										TOTAL FORESIGHTS -76.356
										DIFF IN ELEVATION +12.764
		89.120					76.356			

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. NAHMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 3:00 TO 3:45 Rod No. 7 & 8

Name L A Co Precis Level Net
Job No. 4923
From BM 5-12 To B 5-15
Date 10-5-51
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
	7304		650		= 7	5999		657		B.M. 5-12 (WATTS) 7-7
	6654		651			5342		653		SEE F.B. 1206 - 15
	6003		1301			4689		131.0		FOR DESCRIPTION
1	19961	6.654		130.1	80°	16030	5.343		131.0	
	5221		654			6206		649		
	4567		651			5557		651		E. LANDA
	3916		1305			4906		130.0		
2	13704	4.568		260.6		16669	5.556		261.0	
	4970		660			6539		651		
	4310		658			5908		650		
	3652		131.8			5258		130.1		
3	12932	4.311		392.4		17725	5.908		391.1	
	5000		655			6139		660		
	4345		654			5479		657		
	3691		1309			4822		131.7		
4	13036	4.345		523.3		16440	5.480		522.8	
	5392		650			6132		656		
	4742		652			5476		657		
	4090		130.2			4819		131.3		
5	14224	4.741		653.5		16427	5.476		654.1	
		24.619					27.763			

F.B. 1206 PG. 101

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR-BRIZY Inst. No. 50010
Notes by G. E. DREIER Time 3:00 TO 3:45 Rod No. 7 & 8

Name L.A. Co PRECISE LEVEL N. T
Job No. 4923
From B.M. 5-12 To B.M. 5-15
Date 10-5-51
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
	5244	24.619	698	653.5		6113	[illegible]	690	654.1	SUMMATION OF RUN
	4.546		698			5423		691		B.M. 5-12 TO B.M. 5-15
	3.848		139.6			4.732		138.1		TOTAL BACKSIGHTS + 40.902
6	13.638	4.546		793.1	80°	16.268	5.423		792.2	TOTAL FORESIGHTS - 48.5[illegible]
										DIFF IN ELEVATION - 7.66[illegible]
										B.M. 5-13 (US4085) (6 (LA[illegible])) SEE F.B. 1206-16,17 FOR DESCRIPTION
	6.001		220			6.938		228		
	5.781		220			6.710		227		STARTED 8:45 10-8-51
	5.561		440			6.483		45.5		
7	17.343	5.781		837.1	86°	20.131	6.710		837.7	
										B.M. 5-14 (US4086) (A76[illegible]) SEE F.B. 1206-16,17 FOR DESCRIPTION
	6426		469			9120		450		B.M. 5-15 (WATTS I-8) SEE F.B. 1206-16,17 FOR DESCRIPTION
	5957		472			8670		450		
	5485		94.1			8220		90.0		
8	17.867	5.956		931.2		26.010	8.670		927.7	
		40.902					48.566			

F.B. 1206 PG. 102

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 9:00 TO 9:50 Rod No. 7 & 8

Name L.A. Co. PRECISE [illegible]
Job No. 4923
From BM. 5-15 To B.M. 5-12
Date 10-8-51
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
	9.081		459			6371		461		
	8.622		459			5910		460		B.M. 5-15 (WATTS [illegible])
	8.163		91.8			5450		92.1		SEE F.B. 1206-16 7
1	25.866	8.622		91.8	86°	17.731	5.910		92.1	FOR DESCRIPTION
										B.M. 5-14 (U.S. 4086) ([illegible]) (LACS)
										SEE F.B. 1206-16 7
										FOR DESCRIPTION
	6968		227			6030		219		
	6741		228			5811		218		
	6513		455			5593		43.8		E. LANDA
2	20.222	6.741		137.3		17.434	5.811		135.9	
										B.M. 5-13 (U.S. 4085) ([illegible])
										SEE F.B. 1206-16 1
										FOR DESCRIPTION
	6.160		691			5283		694		
	5.469		691			4589		696		
	4.778		138.2			3893		139.0		
3	16.407	5.469		275.5		13765	4.588		274.9	
		20.832					16.309			

F.B. 1206 PG. 103

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMAN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 9:00 TO 9:50 Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-15 To B.M. 5-12
Date 10-8-51
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.951 5.294 4.639	20.832	657 655 131.2	275.5		5.212 4.559 3.908	16.309	653 651 1304	274.8	
4	15.884	5.295		406.7		13.679	4.560		405.8	
	5.865 5.210 4.554		655 656 131.1			4.732 4.078 3.421		654 657 131.		SUMMATION OF RUN B.M. 5-15 TO B.M. 5-12
5	15.629	5.210		537.8		12.231	4.077		536.4	
	6.323 5.672 5.019		651 653 130.			4.731 4.076 3.420		655 656 131.1		TOTAL BACKSIGHTS +47.872 TOTAL FORESIGHTS −40.212 DIFF IN ELEVATION + 7.660.
6	17.014	5.671		668.2		12.227	4.076		667.5	
	6.144 5.494 4.843		650. 651 1301			5.157 4.507 3.858		650. 649 1299		
7	16.481	5.494		798.3		13.522	4.507		797.4	
	6.022 5.370 4.719		652. 651 1303			7.335 6.682 6.031		653. 651 1304		B.M. 5-12 (WATTS I-7) SEE F.B. 1206-15 FOR DESCRIPTION
8	16.111	5.370		928.6	70°	20.048	6.683		927.8	
		47.872					40.212			

F.B. 1206 PG. 104

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 11:40 TO 1:50 Rod No. 288

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-15 To B.M. 5-16
Date 10-8-51
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
	7027		647		#7	6370		660		
	6380		647			5710		660		E.M. 5-15 (WATTS -8)
	5733		1294			5050		1320		SEE F.B. 1206-16,
1	19140	6380		129.4	92°	17130	5710		132.0	FOR DESCRIPTION
	5182		662			5755		647		TO E. LANDA
	4520		662			5108		647		
	3858		1324			4461		129.4		
2	13500	4520		261.8	92°	15324	5108		261.4	1 hr. OUT FOR LUNCH
	5129		657			5699		656		
	4472		654			5043		655		
	3818		131.1			4388		131.1		
3	13419	4473		392.9	90°	15130	5043		392.5	WINDY
	4960		653			5971		637		
	4307		655			5334		638		
	3652		308			4696		127.5		
4	12919	4306		523.7		16001	5334		520.0	
	6056		666			7032		648		
	5390		665			6384		650		
	4725		133.1			5734		129.8		
5	16171	5390		656.8		19150	6383		649.8	
		25069					27578			

F.B. 1206 PG. 105

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. HAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:40 TO 1:50 Rod No. 7 & 8

Name L.A. Co PRECISE LEVEL NET
Job No. 4923
From B.M. 5-15 To B.M. 5-16
Date 10-8-51
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
	4947	25069	637	656.8		6067	27578	668	649.8	
	4.310		656			5399		667		SUMMATION OF RUN
	3674		127.3			4732		133.5		B.M. 5-15 TO B.M. 5-16
6	12931	4.310		784.1		16198	5399		783.3	
	5383		649			6394		645		TOTAL BACKSIGHTS +44.726
	4734		652			5749		648		TOTAL FORESIGHTS -46.920
	4082		130.1			5101		129.3		DIFF. IN ELEVATION -2.194
7	14199	4.733		914.2		17244	5.748		912.6	
	6083		625			3.633		620		
	5.458		629			3.013		621		
	4.829		125.4			2.392		124.1		
8	16.370	5457		1039.6		9.038	3.013		1036.7	
	5505		348			5523		341		
	5.157		349			5182		340		B.M. 5-16 (WATTS I-9)
	4.808		69.7			4842		68.1		SEE F.B. 1206-18
9	15.470	5.157		1109.3	90°	15.547	5182		1104.8	FOR DESCRIPTION
10										
		44.726					46.920			

F.B. 1206 PG. 106

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAHMANN Weather CLEAR-WINDY Inst. No. 50010
Notes by C. E. DREIER Time 2:30 TO 3:15 Rod No. 7 & 8

Name L.A.C. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-16 To B.M. 5-15
Date 10-8-51
Indexed A. C. Tobason

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.549		348		#7	5.515		343		
	5.201		349			5.172		341		B.M. 5-16 (WATTS I-9)
	4.852		697			4.831		684		SEE F.B. 1206-18
1	15.602	5.201		69.7	90°	15.518	5.173		68.4	FOR DESCRIPTION
	3.950		617			6.401		626		
	3.333		615			5.775		629		π E. LANDA
	2.718		1232			5.146		1255		
2	10.001	3.334		192.9		17.322	5.774		193.9	
	6.017		651			5.001		647		
	5.366		650			4.354		648		
	4.716		1301			3.706		1295		
3	16.099	5.366		323.0		13.061	4.354		323.4	
	6.053		653			4.959		651		
	5.400		655			4.308		648		
	4.745		1308			3.660		1299		
4	16.198	5.399		453.8		12.927	4.309		453.3	
	6.079		651			5.096		661		
	5.428		653			4.435		660		
	4.775		1304			3.775		1321		
5	16.282	5.427		584.2		13.306	4.435		585.4	
		24.727					24.045			

F.B. 1206 PG. 117

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAHMANN Weather CLEAR-WINDY Inst. No. 50010
Notes by G.E. DREIER Time 2:30 TO 3:15 Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL VET
Job No. 4923
From B.M. 5-16 To B.M. 5-15
Date 10-8-51
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
	5.946	24.727	646	5842		4.920	24.545	648	585.4	
	5.300		643			4.272		645		
	4.657		128.9			3.627		129.3		
6	15.903	5.301		713.1		12.819	4.273		714.7	
	5.699		659			5.124		654		SUMMATION OF RUN
	5.040		657			4.470		652		BM. 5-16 TO BM. 5-15
	4.383		131.6			3.818		130.6		
7	15.122	5.041		844.7		13.412	4.471		845.3	TOTAL BACKSIGHTS + 46.162
	5.792		653			5.207		656		TOTAL FORESIGHTS - 43.967
	5.139		655			4.551		653		DIFF IN ELEVATION + 2.195
	4.484		1308			3.898		1309		
8	15.415	5.138		977.5		13.656	4.552		976.2	
	6.610		654			7.271		644		
	5.956		656			6.627		647		B.M. 5-15 (WATTS I-8)
	5.300		131.0			5.980		129.1		SEE F.B. 1206-16,7
9	17.866	5.955		1106.5	90°	19.878	6.626		1105.3	FOR DESCRIPTION
		46.162					43.967			

F.B. 1206 PG. 108

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:30-10:15 AM Rod No. 7 & 8

Name L.A. Co. Precise Level Net
Job No. 4923
From BM 5-16 To B 5-18
Date 10-9-51
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	4545 3894 3246 11683	3.894	649 648 1297	1297	#7 86°	7349 6697 6044 20090	6697	652 653 1305	1305	B.M. 5-16 (WATTS [illegible]) SEE F.B. 1[illegible] FOR DESCRIPTION
2	4089 3429 2769 10287	3.429	660 660 1320	2617		6069 5414 4761 16244	5415	655 653 1308	2613	⊼ G.E. DREIEN
3	5108 4452 3797 13357	4.452	656 655 1311	3928		6048 5392 4740 16180	5393	656 652 1308	3921	
4	5171 4544 3918 13633	4.544	627 626 1253	5181		4865 4239 3616 12715	4.238	621 623 1244	5165	
5	4793 4149 3502 12444	4.148	644 647 1291	6472		6469 5823 5178 17470	5.823	646 645 1291	6456	
		20467					~~27611~~ 27566			

F.B. 1206 PG. 109

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:30-10:15 AM Rod No. 7 & 8

Name LA Co. PRECISE LEVEL 1 ET
Job No. 4923
From BM 5-16 To BM 5-17
Date 10-9-51
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
	5235	20.467	652	647.2		5953	27.611	644	645.6	
	4583		650			5309	27.562	648		
	3933		1302			4661		1292		
6	13751	4.584		777.4		15923	5.308		774.8	
	5182		651			6073		651		
	4531		649			5422		651		
	3882		1300			4771		1302		
7	13595	4.532		907.4		16266	5.422		905.0	
	5154		646			6041		649		
	4508		649			5392		649		
	3859		1295			4743		1298		
8	13521	4.507		1036.9		16176	5.392		1034.8	
	5288		651			6362		650		
	4637		651			5712		650		
	3986		1302			5062		1300		
9	13911	4.637		1167.1		17136	5.712		1164.8	
	5839		648			5857		649		
	5191		649			5208		649		
	4542		1297			4559		1298		
10	15572	5.191		1296.8		15624	5.208		1294.6	
		43.918					54653			
							54.608			

F.B. 1206 PG. 110

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H F NAUMANN Weather CLEAR Inst. No. 50010
Notes by J SHINODA Time 8:30-10:15AM Rod No. 7 & 8

Name LA Co PRECISE LEVEL NET
Job No. 4923
From BM 5-16 To BM 5-18
Date 10-9-51
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
	5272	43918	650	12968		5927	54.608	650	12946	
	4622		651			5277		650		
	3971		1301			4627		1300		
11.	13865	4.622		14269		15831	5.277		14246	
	5129		648			5932		644		
	4481		649			5288		646		
	3832		1297			4642		1290		
12.	13442	4.481		15566		15862	5.287		15536	
	5170		651			5871		650		
	4519		650			5221		650		
	3869		1301			4571		1300		
13	13558	4.519		16867		15663	5.221		16836	
	5252		640			5977		658		
	4612		641			5319		657		
	3971		1281			4662		1315		
14	13835	4.612		18148		15958	5.319		18151	
	5094		652			6129		657		
	4442		651			5472		655		
	3791		1303			4817		1312		
15.	13327	4.442		19451	90°	16418	5.473		19463	
		66.594					~~81.200~~ 81.185			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 8:30-10:15 AM Rod No. 748

Name LA Co PRECISE LEVEL [illegible]
Job No. 4923
From BM 5-16 To BM 5-[illegible]
Date 10-9-51
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
	4948	66.594	651	1945.1		6153	81.[illegible] 81.185	650	1946.3	
	4297		651			5503		650		
	3646		1302			4853		1300		
16	12891	4.297		2075.3		16509	5.503		2076.3	
	4904		646			6121		653		
	4258		647			5468		653		
	3611		1293			4815		1306		
17	12773	4.258		2204.6		16404	5.468		2206.9	
	4932		652			5770		650		
	4280		652			5120		648		
	3628		1304			4472		1298		
18	12840	4.280		2335.0		15362	5.121		2336.7	
	5259		650			5773		652		
	4609		650			5121		650		
	3959		1300			4471		1302		
19	13827	4.609		2465.0		15365	5.122		2466.9	
	5202		653			5733		647		
	4549		655			5086		648		
	3874		1308			4438		1295		
20	13645	4.548		2595.8		15257	5.[illegible]6		2596.4	
		88.586					107.530			
							107.485			

F.B. 1206 PG 112

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:30-10:15 AM Rod No. 7 & 8

Name LA CO PRECISE LEVEL NET
Job No. 4923
From BM 5-16 To B 5-16
Date 10-9-51
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
	5262	88.586	650	25958		5778	107.485	652	2596.4	
	4612		649			5126		652		
	3763		1299			4474		1304		
21	13837	4.612		27257		15378	5.126		27268	
	5219		649			5775		650		
	4570		649			5125		650		SUMMATION [illegible]
	3921		1298			4475		1300		BM 5-16 TO B [illegible]
22	13710	4.570		28555		15375	5.125		28568	
	5158		453			7059		442		
	4705		453			6617		445		TOTAL BACKSIGHTS - 108.567
	4252		906			6172		887		" FORESIGHTS - 126.106
23	14115	4.705		29461		19848	6.616		29455	DIFF IN ELEVATION - 17.539
										BM 5-17 (WATTS [illegible]) SEE F.B. 1206-19 FOR DESCRIPTION
	6751		657			2428		675		
	6094		658			1753		671		BM 5-18 (U.S. 3743 [illegible]) SEE F.B. 1206-19 FOR DESCRIPTION
	5436		1315			1082		1346		
24	18281	6.094		30776		5263	1.754		30801	
		108567					~~126.154~~ 126.106			

F.B. 1216 PG. 112

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name .....
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	
25										
F.B. 206 PG. 114										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H F NAUMANN Weather CLEAR Inst. No. 50010
Notes by S SHINODA Time 10.15-12:00 a.m. Rod No. 7 & 8

Name L A Co Precise Level Net
Job No. 4923
From B.M. 5-18 To B.M. 5-16
Date 10-9-51
Indexed [illegible] Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2459		673		#7	6788		661		
	1786		673			6127		663		BM 5-18 (US 3743) (J 615)
	1113		1346			5464		1324		SEE F.B 1206-19
1.	5358	1.786		134.6	90°	18379	6.126		132.4	FOR DESCRIPTION
										BM 5-17 (WATTS [illegible])
										SEE F.B 1206-19
										FOR DESCRIPTION
	7461		442			5561		451		
	7019		445			5110		451		
	6574		887			4659		902		
2	21054	7.018		2233		15330	5.110		2226	
	6359		649			5809		651		
	5710		650			5158		651		
	5060		1299			4507		1302		
3	17129	5.710		3532		15474	5.158		3528	
	6321		654			5807		648		
	5667		655			5159		650		
	5012		1309			4509		1298		
4	17000	5.667		4841		15475	5.158		4826	
		20181					21552			

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

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:15–11:50AM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVELING
Job No. 49-3
From BM 5-18 To BM 5-16
Date 10-9-51
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
	6379	20.181	648	484.1		5846	21.552	655	482.6	
	5731		650			5191		652		
	5081		1298			4539		1307		
5	17191	5.730		6133		15576	5.192		6133	
	6371		650			5857		650		
	5721		651			5207		650		
	5070		1301			4557		1300		
6	17162	5.721		7440		15621	5.207		7433	
	6399		647			5562		652		
	5752		650			4910		652		
	5102		1297			4258		1304		
7	17253	5.75		8737		14730	4.910		8737	
	6671		650			5482		650		
	6047		654			4832		649		
	5393		1304			4183		1299		
8	18137	6.046		10041		14497	4.832		10030	
	6679		651			5471		651		
	6028		651			4820		649		
	5377		1302			4171		1300		
9	18084	6.028		11343		14462	4.821		11336	
		49.457					46.514			

F.B. 1206 PG. 116

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 5-0010
Notes by S. SHINODA Time 10:15-11:50 a.m. Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From BM. 5-18 To B. 7. 5-16
Date 10-9-51
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
	6119	49.457	652	11343		5087	46.514	653	11336	
	5467		656			4434		652		
	4811		1308			3782		1305		
10	16397	5.466		12651		13303	4.434		12641	
	6332		648			5630		651		
	5684		648			4979		653		
	5036		1296			4326		1304		
11	17052	5.684		13947		14935	4.978		13945	
	5898		650			5198		651		
	5248		649			4547		652		
	4599		1299			3895		1303		
12	15745	5.248		15246		13640	4.547		15248	
	5711		644			5109		648		
	5267		646			4461		645		
	4621		1290			3816		1293		
13	15799	5.266		16536		13386	4.462		16541	
	5928		654			5270		649		
	5274		652			4621		649		
	4622		1300			3972		1298		
14	15824	5.275		17842		13863	4.621		17839	
		76396					69.556			

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

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. E. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINOLA Time 10:15-11:5 AM Rod No. 7 E 8

Name A COPRICISE LEVEL NET
Job No. 4923
From BM 5-12 To BM 5-13
Date 10-9-51
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
	6405	76.356	646	17842		6397	69.356	651	17839	
	5759		647			5745		653		
	5112		1293			5092		1305		
15	17276	5.759		19135		17234	5.145		19144	
	6942		649			5876		652		
	6293		649			5224		653		
	5650		1298			4571		1305		
16	18897	6.299		20433		15671	5.224		20449	
	6542		649			5652		646		
	5893		648			5006		647		
	5245		1297			4359		1293		
17	17680	5.893		21730		15017	5.006		21742	
	6074		652			5183		651		
	5422		651			4532		648		
	4771		1303			3881		1299		
18	16267	5.422		23033		13599	4.533		23041	
	6451		649			5731		650		
	5802		649			5081		650		
	5153		1298			4431		1300		
19	17406	5.802		24331		15243	5.081		24341	
		105.571					95.145			

F.B. 1206 PG. 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:15-11:50 AM Rod No. 7 & 8

Name L.A. Co. Precise Level Net
Job No. 4723
From BM 5-18 To B.M. 5-16
Date 10-9-51
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
	6898	105.571	646	2433.1		5227	95.145	649	2434.1	
	6252		643			4580		650		
	5609		1289			3930		1299		
20.	18759	6.253		25620		13737	4.580		25640	
	5410		623			5719		625		
	4787		624			5094		625		
	4163		1247			4469		1250		
21	14360	4.787		26867		15282	5.094		26890	
	6051		652			5114		655		
	5399		653			4459		655		SUMMATION OF [illegible]
	4746		1305			3804		1310		BM 5-18 TO B.M. [illegible]
22.	16196	5.399		28172		13377	4.459		28200	
	6279		652			4301		661		TOTAL BACKSIGHTS + 34.332
	5627		654			3640		661		" FORESIGHTS - 16.814
	4973		1306			2979		1322		DIFF IN ELEVATION + 17.518
23	16879	5.626		29478		10920	3.640		29522	
	7358		662			4538		642		BM 5-16 (WATTS I[illegible])
	6696		663			3896		643		SEE F.B. 1206-[illegible]
	6033		1325			3253		1285		FOR DESCRIPTION
24	20087	6.696		30803		11687	3.896		30807	
		134.332					116.814			

F.B. 1206 PG. 119

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. 1206 PG. 120										

FORM 379 SM 7-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50910
Notes by G.E. DREIER Time 8:30 TO 10:45 Rod No. 708

Name L.A.Co. PRECISE LEVEL
Job No. 4923
From B.M. 5-16 To B.M. 5-17
Date 10-16-51
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
	4521		649		#7	7328		652		
	3872		647			6676		654		B.M. 5-16 (WATTS I 9
	3225		129.6 ✓			6022		130.6 ✓		SEE F.B. 1206-4
1	11.615 ✓	3.873 ✓		129.6 ✓	78°	20.026 ✓	6.675 ✓		130.6 ✓	FOR DESCRIPTION ✓
	4127		657			6117		658		
	3470		658			5459		658		* H.F. NAUMANN
	2812		131.5 ✓			4801		131.6 ✓		
2	10.469 ✓	3.470 ✓		261.1 ✓		16.377 ✓	5.459 ✓		262.2 ✓	
	5136		658			6069		652		
	4478		656			5417		654		
	3822		131.4 ✓			4763		130.6 ✓		
3	13.436 ✓	4.479 ✓		392.5 ✓		16.249 ✓	5.416 ✓		392.8 ✓	
	5123		625			4812		624		
	4498		627			4188		622		
	3871		125.2 ✓			3566		124.6 ✓		
4	13.492 ✓	4.497 ✓		517.7 ✓		12.566 ✓	4.189 ✓		517.4 ✓	
	4721		648			6392		646		
	4073		646			5746		647		
	3427		129.4 ✓			5099		129.3 ✓		
5	12.221 ✓	4.074		647.1 ✓		17.237 ✓	5.746 ✓		646.7 ✓	
		20.393 ✓					27.485 ✓			

F.B. 17 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 G.E. DREIER Time 8:30 TO 10:15 Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL [illegible]
Job No. 4923
From B.M. 5-16 To B.M. 5-[illegible]
Date 10-10-51
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
	5194	20.393	649	647.1		5917	27.485	649	646.7	
	4,545		649			5,268		649		
	3896		129.8			4,619		129.8		
6	13,635	4,545		776.9		15,804	5,268		776.5	
	5082		649			5978		655		
	4,433		649			5323		653		
	3784		129.8			4670		1308		
7	13,299	4433		906.7		15,971	5,324		907.3	
	5,127		648			6015		649		
	4,479		648			5,366		649		
	3,831		129.6			4,[illegible]		129.8		
8	13,437	4,479		1036.3		16,098	5,366		1037.1	
	5268		650			6,346		652		
	4,618		650			5,694		652		
	3968		1300			5042		1304		
9	13,854	4,618		1166.3		17,082	5,694		1167.5	
	5804		648			5819		649		
	5,156		649			5,170		649		
	4507		129.7			4521		129.8		
10	15,467	5,156		1296.0		15,510	5,170		1297.3	
		43,624					54,307			

F.B. 1206 PG. 122

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H F NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 8:30 TO 10:05 Rod No. 788

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From BM 5-16 To BM 5-17
Date 10-10-51
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
	5222	43.624	648	1296.0		5882	54.307	652	1297.3	
	4.574		646			5.230		653		
	3928		129.4			4577		130.5		
11	13.724	4.575		1425.4		15.689	5.230		1427.8	
	5142		652			5.937		642		
	4.490		649			5.295		643		
	3.841		130.1			4652		128.5		
12	13.473	4.491		1555.5		15.884	5.295		1556.3	
	5.198		652			5895		650		
	4.546		652			5.248		650		
	3894		130.4			4598		130.0		
13	13.638	4.546		1685.9		15.744	5.248		1686.3	
	5178		650			5.889		650		
	4.528		648			5.239		653		
	3880		129.8			4586		130.3		
14	13.586	4.529		1813.7		15.714	5.238		1816.6	
	5084		652			6.120		657		
	4.432		650			5.463		655		
	3782		130.2			4808		131.2		
15	13.298	4.433		1945.9		16.391	5.464		1947.8	
		66.198					80.782			

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

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.E. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 8:30 TO 10:15 Rod No. 7 & 8

Name L.A. Co. PRECISE LEVELING
Job No. 4923
From B.M. 5-16 To B.M. 5-1
Date 10-10-51
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
	4905	66198	651	19459		6112	80782	650	19478	
	4254		651			5462		650		
	3603		130.2			4812		130.0		
16	12762	4254		23761		16386	5462		20778	
	4861		651			6073		651		
	4210		650			5422		652		
	3560		130.1			4770		130.3		
17	12631	4210		22062		16265	5422		22081	
	4908		651			5744		646		
	4257		654			5098		649		
	3603		130.5			4449		129.5		
18	12768	4256		23367		15291	5097		23376	
	5213		650			5727		649		
	4563		651			5078		650		
	3912		130.1			4428		129.9		
19	13688	4563		24668		15233	5078		24675	
	5211		654			5746		649		
	4557		654			5097		649		
	3903		130.8			4448		129.3		
20	13671	4557		25976		15291	5097		25973	
		88035					98188			

F.B. 1206 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 G.E. DREIER Time 8:30 TO 10:05 Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-16 To B.M. 5-17
Date 10-10-51
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
	5233	88.038	650	2597.6		5748	106.938	652	2597.3	
	4583		650			5096		652		SUMMATION of PUN
	3933		130.0			4444		130.4		BM. 5-16 TO B.M. 5-17
21	13,749	4583		2727.6		15,288	5096		2727.7	
	5178		651			5730		650		TOTAL BACKSIGHTS = 101,772
	4527		650			5080		650		TOTAL FORESIGHTS = 23,648
	3877		130.1			4430		130.0		DIFF IN ELEVATION = 71876
22	13,582	4527		2857.7		15240	5080		2857.7	
	5076		452			6977		442		
	4624		451			6535		444		
	4173		90.3			6091		88.6		
23	13,873	4624		2948.0	8.10	19,603	6534		2946.3	
										B.M. 5-17 (WATTS T[illegible]) SEE F.B. 1206-19 FOR DESCRIPTION
		101,772					123,648			

F.B. [illegible] PG. [illegible]

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name.....
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. 1206 PG. 126										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:15 TO 3:00 Rod No. 7 & 8

Name L.A. Co. Pr. Sec. 4, 10 [illegible]
Job No. 4923
From B.M. 5-18 To B.M. 5-20
Date 10-9-51
Indexed E. J. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2651		320		#7	6446		338		
	2331		321			6108		338		B.M. 5-18 (US 3745) W (US)
	2010		641			5770		676		SEE F.B. 1206-19
1	6992	2331		641	86°	18324	6108		676	FOR DESCRIPTION
	8250		341			7735		315		↑ E. LANDI
	7909		339			7420		311		
	7570		680			7109		626		
2	23729	7910		1321		22264	7421		1302	
	5121		646			5841		658		
	4475		645			5183		657		
	3830		1291			4526		1315		
3	13426	4475		2612		15550	5183		2617	
	5148		648			5812		637		
	4500		650			5175		641		
	3850		1298			4534		1278		
4	13498	4499		3910		15521	5174		3895	
	5100		655			5848		650		
	4445		652			5198		653		
	3793		1307			4545		1303		
5	13338	4446		5217		15591	5197		5198	
		23661					29083			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. 32010
Notes by C.E. DIKEIER Time 1:15 TO 3:00 Rod No. 78 8

Name L.A.C. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-18 To B.M. 5-[illegible]
Date 10-9-51
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5318	33.661	647	521.7		5562	[illegible]	651	519.8	
	4671		646			4911		651		
	4025		129.3			4260		130.2		
6	14014	4.671		651.0		14733	4.911		650.0	
	5213		482			4275		464		
	4731		482			3811		462		
	4249		964			3349		926		
7	14193	4.731		747.4		11435	3.812		742.6	
	33.063					3780				B.M. 5-18 (US-17) SEE F.B. 1206-20 FOR DESCRIPTION
	6688		655			6310		652		
	6033		655			5658		656		
	5378		131.0			5002		130.8		
8	18099	6.033		878.4		16970	[illegible]		873.4	
	5758		648			6102		652		
	5110		647			5450		652		
	4463		129.5			4800		130.2		
9	15331	5110		1007.9		16352	5.451		1003.6	
		44.206					48.914			

F.B. 1206 PG. 128

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50910
Notes by G. E. DREIER Time 1:15 TO 3:00 Rod No. 7 E 3

Name L.A.C. PRESS [illegible]
Job No. 4923
From B.M. 5-18 To B.M. 5-20
Date 10-9-51
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
	5919	44.206	646	1007.9		5999	48.914	650	1003.6	
	5,273		646			5,349		650		
	4,627		129.2			4699		130.0		
10	15,819	5,273		1137.1		16,047	5,349		1133.6	
	5771		641			6096		656		
	5,130		640			5,440		655		
	4,490		128.1			4785		131.1		
11	15,391	5,130		1265.2		16,321	5,440		1264.7	
	5,726		652			5840		650		
	5074		654			5,190		651		
	4420		130.6			4539		130.1		
12	15,220	5,073		1395.8		15,569	5,190		1394.8	
	5,622		643			5952		651		
	4,979		642			5,301		649		
	4,337		128.5			4652		130.0		
13	14,938	4,979		1524.3		15,905	5,302		1524.8	
	5,540		503			5875		501		
	5,037		505			5,374		502		
	4,532		100.8			4872		100.3		
14	15,109	5,036		1625.1		16,121	5,374		1625.1	
		69,697					75,569			

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

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAHMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:15 TO 3:00 Rod No. 788

Name L.A.Co. PRECISE LEVELING
Job No. 4923
From B.M. 5-18 To B.M. 5-20
Date 10-9-51
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
	5878	69.697	614	1625.1		6920	75.569	605	1625.1	
	5.264		613			6315		605		B.M. 5-20 (W.S. 4088)(Q766)
	4.651		1227			5710		1210		SEE F.B. 1206-21
15	15.793	5.264		1747.8	88°	18.945	6.315		1746.1	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 5-18 TO B.M. 5-20
										TOTAL BACKSIGHTS + 74.9[illegible]
										TOTAL FORESIGHTS - 81.8[illegible]
										DIFF. IN ELEVATION - 6.9[illegible]
		74.961					81.384			

F.B. 1206 PG. 130

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 C.E. DREIER Time 10:30 TO 11:50 Rod No. 7 & 8

Name L.A. Co. PRECISE LEVELING NET
Job No. 4923
From B.M. 5-20 To B.M. 5-18
Date 10-10-51
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
	6.698		604		#7	5.660		617		
	6.094		607			5.043		617		B.M. 5-20 (U.S. 4088) (1966)
	5.487		121.1			4.426		123.4		SEE F.B. 1206-3
1	18.279	6.093		121.1	82°	15.129	5.043		123.4	FOR DESCRIPTION
	5.818		505			5.478		500		
	5.313		502			4.978		501		E. LANDA
	4.811		100.7			4.477		100.1		
2	15.942	5.314		221.8		14.933	4.978		223.5	
	5.898		650			5.564		643		
	5.248		650			4.921		641		
	4.598		1300			4.280		1284		
3	15.744	5.248		351.8		14.765	4.922		351.9	
	5.804		647			5.698		655		
	5.157		649			5.043		656		
	4.508		129.6			4.387		131.1		
4	15.469	5.156		481.4		15.128	5.043		483.0	
	5.920		650			5.606		646		
	5.270		650			4.960		648		
	4.620		1300			4.312		1294		
5	15.810	5.270		611.4		14.878	4.959		612.4	
		27.081					24.945			

F.B. ____ PG. ____

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 10:30 TO 1[illegible]0 Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL
Job No. 4923
From B.M. 5-20 To B.M. 5-1[illegible]
Date 10-10-51
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
	5742	27.081	644	611.4		5670	24.945	649	612.4	
	5.098		646			5.021		650		
	4.452		129.0			4.371		129.9		
6	15.292	5097		7404		15.062	5.021		7423	
	6099		651			5750		646		
	5.448		655			5.104		644		
	4.793		130.6			4.460		129.0		
7	16.340	5.447		871.0		15.314	5.105		871.3	
	6042		652			6.421		657		
	5390		652			5.763		656		
	4738		130.4			5107		131.~~3~~ 4		
8	16.170	5390		1001.4		17.291	5.764		1002.~~6~~ 1	
	48.[illegible]					48.[illegible]				B.M. 5-19 (U.S. 17) SEE F.B. 1206-20 FOR DESCRIPTION
	4.828		446			5791		488		
	4.382		443			5.303		485		
	3.939		88.9			4818		97.3		
9	13.149	4.383		1090.3		15.912	5304		1100.0 ~~1099.9~~	
		47398					46.[illegible]39			

F.B. 1206 PG. 132

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAHMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 11:50 Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-20 To E.1 5-18
Date 10-10-51
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
	5.895	47.398	665	1090.3		5621	46.139	630	~~1099.9~~ 1100.0	
	5.230		667			4.991		630		
	4563		133.2			4.361		126.0		
10	15.688	5.229		1223.5		14.973	4.991		1226.0 ~~1225.9~~	
	6071		650			5323		652		
	5.421		651			4.671		651		
	4770		130.1			4020		130.3		
11	16.262	5.421		1353.6		14.014	4.671		1356.3 ~~1356.2~~	
	5962		650			5274		641		
	5.312		649			4.633		639		
	4663		29.8			3.994		128.0		
12	15.937	5.312		1483.5		13.901	4.634		1484.3 ~~1484.2~~	
	6.100		650			5383		649		
	5.450		654			4.734		652		
	4796		130.4			4082		130.1		
13	16.346	5.449		1613.9		14.199	4.733		1614.4 ~~1614.3~~	
	7.739		318			8245		336		
	7.421		317			7909		339		
	7.104		63.5			7.570		67.5		
14	22.264	7.421		1677.4		23.724	7.908		1681.9 ~~1681.8~~	
		76.230					73.076			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 10:30 TO 11:30 Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-20 To B.M. 5-18
Date 10-10-51
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
	6405	76.230 ✓	316	1677.4 ✓		2653	75.076 ✓	339	1681.8 9	
	6089		317			2314		340		B.M. 5-18 (W.S. 3743) (W.L.S.)
	5772		633 ✓			1974		679 ✓		SEE F.B. 1206-19
15	18266 ✓	6089 ✓		1740.7	81°	6941 ✓	2314 ✓		1749.7 ✓	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 5-20 TO B.M. 5-18
F.B. 1206 PG. 134										TOTAL BACKSIGHTS + 82.319 ✓ TOTAL FORESIGHTS − 75.3[illegible] ✓ DIFF IN ELEVATION + 6.9[illegible] ✓
		82.319 ✓					75.370 ✓			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 1:15-2:55 P.M. Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From BM 5-20 To BM 5-21
Date 10-10-51
Indexed [illegible] Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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		561		#7	5859		611		
	4067		561			5248		615		B.M 5-20 (US 4088) (.766)
	3506		1122			4633		1226		SEE F.B 1206-21
1	12201	4.067		112.2	81°	15740	5.247		122.6	FOR DESCRIPTION
	6133		645			6306		655		
	5488		643			5651		655		⊼ G.E. DREIER
	4845		1288			4996		1310		
2	16466	5.489		241.0		16953	5.651		253.6	
	5881		678			6256		632		
	5203		678			5624		633		
	4525		1356			4998		1265		
3	15609	5.203		376.6		16871	5.624		380.1	
	5887		665			6205		635		
	5222		663			5570		636		
	4559		1328			4934		1271		
4	15668	5.223		509.4		16709	5.570		507.2	
	5868		650			6428		669		
	5218		651			5759		669		
	4567		1301			5090		1338		
5	15653	5.218		639.5		17277	5.759		641.0	
		25.200					27.851			

F.B. 1206 PG. 135

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 1:15-2:55 PM Rod No. 7 & 8

Name L.A.C. PRECISE LEVEL NET
Job No. 4923
From BM 5-20 To BM 5-21
Date 10-10-51
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5742	25.200	640	639.5		4888	27.851	656	641.0	
	5102		640			4232		655		
	4462		1280			3577		1311		
6.	15306	5.102		7675		12697	4.232		7721	
	4807		667			5453		637		
	4140		669			4816		637		
	3471		1336			4179		1274		
7.	12418	4.139		9011		14448	4.816		8995	
	5332		652			6246		649		
	4680		653			5597		650		
	4027		1305			4947		1299		
8.	14039	4.680		10316		16790	5.597		10294	
	5892		650			6118		647		
	5242		652			5471		649		
	4590		1302			4822		1296		
9.	15724	5.241		11618		16411	5.470		11590	
	6007		656			6345		650		
	5351		654			5695		650		
	4697		1310			5045		1300		
10.	16055	5.352		12928		17085	5.695		12890	
		49.714					53.661			

F.B. 1206 PG. 136

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S SHINODA Time 1:15-2:55 PM Rod No. 7 & 8

Name L.A. Co Precise Level Net
Job No. 4923
From BM 5-20 To B. 5-21
Date 10-10-51
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
	5932	49.712	654	1292.8		6161	53661	658	1289.0	
	5278		657			5503		656		
	4621		1311			4847		1314		
11	15731	5.277		14239		16511	5.504		14204	
	5[illegible]		646			6228		657		
	5176		645			5571		660		
	4531		1291			4911		1317		
12	15529	5.176		15530		16710	5.570		15521	
	5981		751			6047		757		
	5230		750			5290		759		
	4480		1501			4531		1516		
13	15691	5.230		17031		15868	5.289		17037	
	5335		654			6263		649		
	4681		651			5614		649		
	4030		1305			4965		1298		
14	14046	4.682		18336		16842	5.614		18335	
	5811		642			6307		649		
	5169		641			5658		650		
	4528		1283			5008		1299		
15	15508	5.169		19619		16973	5.658		19634	
		75.248					81.296			

F.B. 1206 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 1:15-2:55 PM Rod No. 7 & 8

Name L.A.C. PRECISE LEVELING
Job No. 4923
From B.M. 5-20 To B.M. 5-
Date 10-10-51
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
	5987	75.248 ✓	654	1961.9 ✓		7116	81.296 ✓	646	1963.4 ✓	
	5328		661			6470		649		B.M. 5-21
	4667		1320 ✓			5821		1295 ✓		SEE F.B. 1206-22
16	15982	5.327 ✓		20934 ✓	78°	19407	6.469 ✓		20929	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 5-20 TO B.M. 5-
										TOTAL BACKSIGHTS +80.5 ✓
										FORESIGHTS - 87.7 ✓
										DIFF. IN ELEVATION - 7.19 ✓
		80575 ✓					87.765 ✓			

F.B. 1206 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 3:00-3:30 PM Rod No. 7 & 8

Name L.A. Co PRECISE LEVEL NE
Job No. 4923
From BM 5-21 To B. 5-20
Date 10-10-51
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
	7089		649		#7	5959		660		
	6440		647			5299		660		BM 5-21
	5793		1296			4639		1320		SEE F.B. 1206-[illegible]
1.	19322	6.441		1296	78°	15897	5.299		1320	FOR DESCRIPTION
	6307		648			5812		642		
	5659		648			5170		642		
	5011		1296			4528		1284		
2.	16977	5.659		2592		15510	5.170		2604	
	6240		649			5311		652		
	5591		650			4659		651		
	4941		1299			4008		1303		
3.	16772	5.591		3891		13978	4.659		3907	
	6084		752			6027		755		
	5332		752			5272		752		
	4580		1504			4520		1507		
4.	15996	5.332		5395		15819	5.273		5414	
	6250		650			5859		652		
	5600		649			5207		654		
	4951		1299			4553		1306		
5.	16801	5.600		6694		15619	5.206		6720	
		28.623					25.607			

F.B. ____ PG. ____

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. Naumann Weather Clear Inst. No. 5990
Notes by S. Shinsa Time 300-3.30 P.M. Rod No. 7 & 8

Name LA Co Precise Levels
Job No. 49-3
From Bm Stad To BM 5
Date 10-10-51
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
	6105	28.625	658	669.5		5178	25.607	659	672.0	
	5447		660			5219		658		
	4777		1318			4561		1317		
6	10339	5.446		801.2		15658	5.217		8037	
	6321		650			5910		652		
	5671		650			5258		656		
	4021		1300			4672		1308		
7.	14013	5.071		8312	78°	15980	5.027		9345	Stadia 3:30 P.M. 10-11-51
	6126		649			5941		650		
	5477		649			5241		649		
	4828		298			4554		298		
8	16431	5.477		10610	76°	15745	5.248		10644	Brown 8:30 AM 10-11-51
	6259		653			5841		650		
	5607		651			4691		650		
	4959		1301			4041		1300		
9	16826	5.609		11911		14073	4.691		11944	
	5498		651			4821		654		
	4847		651			4167		655		
	4196		1305			3512		1309		
10	16539	1.846		13216		12500	4.167		13253	
		55.672					50.159			

F.B. 1206 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 8:30-9:10 AM Rod No. 7 & 8

Name L.A. Co. Precise Level Net
Job No. 4923
From BM 5-21 To B. 7 5-20
Date 10-11-51
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
	4905	55.672	657	1321.6		5754	56.254	636	1325.3	
	4248		659			5118		639		
	3589		1316			4479		1275		
11	12742	4.247		14532		15351	5.117		14528	
	6432		662			5877		648		
	5770		665			5229		648		
	5105		1327			4581		1296		
12	17307	5.769		15859		15687	5.229		15824	
	6193		637			5868		660		
	5556		639			5208		660		
	4917		1276			4548		1320		
13	16666	5.555		17135		15624	5.208		17144	
	6338		659			5911		652		
	5679		660			5259		653		
	5019		1319			4606		1305		
14	17036	5.679		18454		15776	5.259		18449	
	6319		649			6157		649		
	5670		[illegible]			5508		649		
	5020		[illegible]			4859		1298		
15	17009	5.670		19753		16524	5.508		19747	
		82.592					76.580			

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

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name L A Co PRECISE LEVEL N[illegible]
Job No. 4925
From BM 5-21 To BM 5[illegible]
Date 10-11-51
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
	5830	82.5[illegible]	601	1975.3		4610	16.580	559	1974.7	
	5229		601			4051		561		BM 5-20 (US 4088) (Q 76[illegible]
	5628		202			3490		1120		SEE F.B 1206-21
16	15687	5.221		20955	72°	12151	4[illegible]50		20867	FOR DESCRIPTION
										SUMMATION OF RUN BM 5-21 TO BM 5-2[illegible]
										TOTAL BACKSIGHTS +87.8[illegible]
										" FORESIGHTS -80.6[illegible]
										DIFF. IN ELEVATION +7.1[illegible]
		87.821					80.630			

F.B. 1206 PG. 142

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 - 10:20 AM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From BM 5-21 To BM 5-[illegible]
Date 10-11-51
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
	7168		651		#7	6910		651		
	6517		651			6259		649		BM 5-21
	5866		1302			5610		1300		SEE F.B. 1[illegible]
1	19551	6517		130.2	72°	18779	6.260		130.0	FOR DESCRIPTION
	5829		649			6523		657		
	5180		649			5866		657		π G.E. DREIER
	4531		1298			5209		1314		
2	15540	5180		260.0		17598	5.866		261.4	
	5638		650			5931		649		
	4988		650			5282		649		
	4338		1300			4633		1298		
3	14964	4988		390.0		15846	5.282		391.2	
	6150		650			6690		646		
	5500		650			6044		647		
	4850		1300			5397		1293		
4	16500	5.500		520.0		18131	6.044		520.5	
	5699		659			5558		647		
	5040		659			4911		648		
	4381		1318			4263		1295		
5	15120	5.040		651.8		14732	4.911		650.0	
		27.225					28.363			

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

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:35-10:20 Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL
Job No. 4923
From BM 5-21 To BM 5-22
Date 10-11-51
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
	5935	27.225	775	651.8		5102	28.363	749	650.0	
	5160		775			4353		747		
	4385		1550			3606		1496		
6	15480	5.160		8068		13061	4.354		7796	
		32.385								BM 5-22 (US 4) (D33-6) SEE F.B. 1206-23 FOR DESCRIPTION
	4323		635			6038		667		
	3688		638			537		667		
	3050		1273			4704		1334		
7	11061	3.687		9341		16113	5.371		9330	
	6318		652			5761		650		
	5666		652			5311		650		
	5014		1304			4661		1300		
8	16998	5.666		10645		15933	5.311		10630	
	6142		652			5855		651		
	5490		651			5204		652		
	4839		1303			4552		1303		
9	16471	5.490		11948		15611	5.204		11933	
		47.228					48.603			

F.B. 1206 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 9:35-10:20 AM Rod No. 7 & 8

Name L A Co PRECISE LEVEL NET
Job No. 4925
From B.M. 5-21 To B.M. 5-23
Date 10-11-51
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
	5892	47.2[illegible]	653	1194.8		6217	48.603	666	1193.3	
	5239		656			5551		665		SUM [illegible] OF [illegible]
	4583		1309			4886		1331		B.M. 5-21 TO B.M. 5-23
10.	15714	5238		13257		16654	5551		13264	
	8490		739			7200		748		TOTAL BACKSIGHTS + 65.617
	7751		738			6452		748		" FORESIGHTS - 67.348
	7013		1477			5704		1496		DIFF. IN ELEVATION 1.731
11.	23254	7751		1473.4		19356	6452		14760	
	5891		490			7062		520		
	5401		472			6742		520		B.M. 5-23 (US. 409) [illegible]
	4909		982			6222		1040		SEE F.B. 1406 [illegible]
12	16201	5400		15716	80°	20226	6742		15800	FOR DESC. [illegible]
		65.617					67348			

F.B. 17 [illegible] PG. 145

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party ..... 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. 206 PG. 146

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:40-2:30PM Rod No. 7 & 3

Name L. A. Co. Precise Level No.
Job No. 4923
From BM 5-23 To BM 5-21
Date 10-11-51
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
	6995		513		#7	5632		493		
	6482		513			5139		493		BM 5-23 (U.S. 40%) (19 (LACK)
	5969		1026			4646		986		SEE F.B 1206-4
1.	19446	6.482		102.6	84°	15417	5.139		98.6	FOR DESCRIPTION
	7132		743			8421		737		
	6389		746			7684		735		⊼ G. E. DREIER
	5643		1489			6949		1472		
2	19164	6388		251.5		23054	7.685		245.8	
	6147		668			5818		653		
	5479		668			5165		654		
	4811		1336			4511		1307		
3	16437	5479		385.1		15494	5.165		376.5	
	5829		628			6159		676		
	5201		630			5483		674		
	4571		1258			4809		1350		
4.	15601	5.200		510.9		16451	5.484		511.5	
	5944		652			6297		651		
	5292		651			5646		[illegible]		
	4641		1303			4994		1305		
5.	15877	5.292		641.2		16937	5.646		641.8	
		28.841					29.119			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. SHINOHARA Time 1:40-2:30 P.M. Rod No. 7E8

Name L.A.Co. PRECISE LEVEL
Job No. 4923
From BM 5-23 To BM 5-6
Date 10-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6059	28.841	654	641.2		4366	21.119	649	641.8	
	5405		655			3717		649		
	4750		1309			3068		1298		
6.	16214	5.405		7721		11151	[illegible]		7716	
		34.206								B.M. 5-23 (U.S.4)(D38-6) SEE F.B. 1206-23 FOR DESCRIPTION
	5091		748			5928		776		
	4343		147			5152		776		
	3596		1495			4376		1552		
7.	13030	4.343		9216		15456	5.152		9268	
	5531		660			5612		644		
	4871		661			4968		646		
	4210		1321			4322		1290		
F.B. 1206 PG. 44B 8.	14612	4.871		10537		14902	4.967		10558	
	6651		649			6110		649		
	6002		650			5461		651		
	5352		1299			4810		1300		
9.	12005	6.002		11836		16381	5.460		11858	
		49.462					48.145			

FORM 379 5M 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

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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 1:40-2:30 PM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NE
Job No. 4925
From BM 5-23 To B. M. 5-21
Date 10-11-51
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5865	49.462	647	1183.6		5571	48.445	651	1185.8	
	5217		650			4920		651		SUMMATION OF R[illegible]
	4568		1297			4269		1302		B.M. 5-23 TO B.M. 5-21
10.	15651	5.217		13133		14960	4.920		13160	
	6450		659			5751		644		TOTAL BACKSIGHTS [illegible].708
	5[illegible]		662			5107		646		" FORESIGHTS [illegible]4.968
	5129		1321			4461		1290		DIFF. IN ELEVATION [illegible]1.740
11	17370	5.790		14454		15319	5.106		14450	
	6891		652			7146		649		
	6239		651			6497		650		BM 5-21
	5588		1303			5847		[illegible]		SEE F.B. [illegible]
12	18718	6.239		15757	82°	19490	6.497		15749	FOR DESCRIPTION
		66.708					64.968			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. 206 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 CLOUDY Inst. No. 50010
Notes by S. SHINODA Time 8:35-9:00 AM Rod No. 7 & 3

Name L.A. Co Precise Lev. Ne
Job No. 492
From BM 5-22 To [illegible]
Date 10-15-51
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
1.	4327 3677 3027 11032	3.677	650 649 1299	129.9	#7 64°	6017 5362 4710 16089	5.363	655 652 1307	130.7	BM 5-22 (DS 4)(LS -67) SEE F.B. 12 6 FOR DESCRIPTION
2.	6282 5633 4784 16899	5.633	649 649 1298	2597		5932 5282 4630 15844	5.281	650 [illegible] 1302	2609	⊼ G.E. DREYER
3.	6089 5436 4782 16307	5.436	653 654 1307	3904		5802 5152 4502 15456	5.152	650 650 1300	3909	
4.	5833 5179 4523 15535	5.178	654 656 1310	5214		6160 5[illegible] 4[illegible] [illegible]	5.495	664 66[illegible] 1330	5239	
5	[illegible] 7629 6878 22887	7.62[illegible] 27.55[illegible]	731 731 1462	6676		7068 6327 5585 18978	6.326 27.617	741 744 1485	6724	

F.B. [illegible] PG. 151

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party [illegible] Weather CLOUDY Inst. No. 50010
Notes by S. [illegible] Time 8:35-9:00 [illegible] Rod No. 1 & 3

Name L.A. Co Precise Level Net
Job No. 4925
From BM 5-22 To BM 5-[illegible]
Date 10-15-51
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
	4867	27.55	554	667.0		[illegible]	27.617	533	672.4	
	4315		553			5651		556		BM 5-23 (U.S. [illegible]) (19(L [illegible] D))
	3764		1[illegible]7			5[illegible]		1[illegible]		SEE F.B. 1206-24
6	12946	4.315		7[illegible]3	64°	[illegible]	[illegible]		7773	FOR DESCRIPTION
										SUMMATION OF RUN BM 5-22 TO BM 5-[illegible]
										TOTAL BACKSIGHTS +31.868
										" FORESIGHTS -33.[illegible]
										DIFF IN ELEVATION -1.4
		31.868					3[illegible].[illegible]75			

F.B./206 PG/152

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name L.A. Co. Precise Level Net
Job No. 4923
From B.M. 5-23 To B.M. 5-20
Date 10-11-51
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
	6664		656		#7	5701		645		
	6008		657			5056		647		B.M. 5-23 (U.S. 4091) (1 [illegible])
	5351		1313			4409		1292		SEE F.B. 1206-2
1.	18023	6.008		131.3	80°	15166	5.055		129.2	FOR DESCRIPTION
	5937		647			6218		648		
	5270		643			5510		648		* G.E. DEFINE
	4647		1290			4922		1296		
2	15874	5.291		260.3		16710	5.570		258.8	
	5702		655			5811		650		
	5047		656			5161		651		
	4391		1311			4510		1301		
3.	15140	5.047		391.4		15482	5.161		388.9	
	5927		503			6706		510		
	5424		502			6196		512		
	4922		1005			5684		1022		
4.	16273	5.424		491.9		18586	6.195		491.1	
										B.M. 5-24 (U.S. 3757) ([illegible])
										SEE F.B. 1206-25
										FOR DESCRIPTION
		21.770					21.981			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

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700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. [illegible]
Notes by S. SHINODA Time 10:20-11:30 AM Rod No. 7 & 8

Name L.A. Co PRECISE LEVEL [illegible]
Job No. 4923
From BM 5-23 To BM 5-[illegible]
Date 10-11-51
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
	7143	21.770	787	491.9		6272	21.981	789	491.1	
	6356		788			5483		770		
	5568		1575			4693		1579		
5	19067	6.356		649.4		16448	5.483		649.0	
	5908		655			6181		654		
	5253		656			5527		656		
	4597		1311			4871		1310		
6	15758	5.253		780.5		16579	5.526		780.0	
	5827		650			6054		646		
	5177		650			5408		647		
	4527		1300			4761		1293		
7	15531	5.177		910.5		16223	5.408		909.3	
	5756		654			6112		654		
	5102		654			5458		655		
	4448		1308			4803		1309		
8	15306	5.102		1041.3		16373	5.458		1040.2	
	5709		649			5650		647		
	5060		650			5003		646		
	4411		1298			4357		1293		
9	15180	5.060		1171.1		15010	5.003		1169.5	
		48.718					48.859			

F.B. 1206 PG. 154

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 10:20-11:30 AM Rod No. 7 & 8

Name L.A. Co Precise Level Net
Job No. 4923
From B.M. 5-23 To B.M. 5-25
Date 10-11-51
Indexed A. J. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5360	48.718	660	1171.1		6285	48.859	643	1169.5	
	4700		660			5642		644		
	4040		1320			4998		1287		
10	14100	4700		13031		16925	5.642		12982	
	5658		647			6117		668		
	5011		644			5449		668		SUMMATION OF [illegible]
	4367		1291			4781		1336		[illegible]
11.	15036	5.0[illegible]		14322		16347	5.449		14318	
	5654		471			6121		478		
	5188		474			5643		475		TOTAL BACKSIGHTS + [illegible]
	4714		945			5168		953		" FORESIGHTS − [illegible]
12.	15561	5.187		15267		16932	5.644		15271	DIFF. IN ELEVATION − 4.05[illegible]
	5557		474			7647		485		
	5083		473			7162		485		B.M. 5-25 (U.S. 40[illegible])
	4[illegible]		947			6677		970		SEE F.B. [illegible]
13.	15250	5.083		16214	78°	21486	7.162		16241	FOR DESCRIPTION
		68.700					72.756			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. 1206 PG. 156										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:30-1:40PM Rod No. 7 & 8

Name L.A. Co. [illegible]
Job No. 4[illegible]
From [illegible] 5-25 To [illegible]
Date 10-11-51
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
	7609		483		#7	5520		473		
	7126		486			5047		474		B.M. 5-25 (US 4093) (Q768)
	6[illegible]		969			4573		947		SEE F.B. 1206-[illegible]
1.	21375	7.125		96.9	78°	15140	5.047		94.7	FOR DESCRIPTION
	6115		476			5652		471		
	5637		477			5181		474		T. G. E. [illegible]
	5162		953			4707		945		
2	16916	5.639		1922		15540	5.180		1892	
	6[illegible]9		662			5933		650		
	5717		662			5283		651		
	5055		1324			4632		1301		
3	17151	5.717		3246		15848	5.283		3193	
	6306		645			5380		660		
	5661		649			4720		660		
	5012		1294			4060		1320		
4	16979	5.660		4540		14160	4.720		4513	
	5637		638			5712		657		
	4999		638			5055		656		
	4361		1276			4399		1313		
5.	14997	4.999		581.6		15166	5.055		5826	
		29.140					25.285			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

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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 11:30-1:40 PM Rod No. 7 E B

Name L. A. Co. PRECISE LEVEL NET
Job No. 4723
From B.M. 5-25 To BM 5-
Date 10-11-51
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
	6120	5.470	654	581.6		5761	[illegible]	656	582.6	
	5466		653			5105		656		
	4813		1307			4449		[illegible]		
6	16399	5.466		712.3	78°	15315	5.105		713.8	1 HOUR FOR LUNCH
	5933		645			5703		650		
	5288		647			5053		650		
	4641		1292			4403		1300		
7	15862	5.287		841.5	82°	15157	5.053		843.8	
	6163		654			5871		655		
	5509		653			5236		656		
	4856		1307			4580		1311		
8	16528	5.501		972.2		15707	5.236		974.9	
	6359		787			7231		788		
	5572		789			6443		787		
	4783		1576			5656		1575		
9	16714	5.571		1139.8		19330	6.443		1132.4	
										B.M. 5-24 (U.S. 3757) (T6[illegible]) SEE F.B. 1806-25 FOR DESCRIPTION
		50.973					47.122			

F.B. 1806 PG. 158

FORM 379 5M 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

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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 11:30-1:40 P.M. Rod No. 7 & 8

Name L.A. Co. Precise Lev. Nr.
Job No. 4925
From B.M. 5-25 To B.M. 5-23
Date 10-11-51
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
	7151	50.973	500	1129.8		6389	47.122	509	1132.4	
	6651		500			5880		510		
	6151		1000			5370		1019		
10.	19953	6.651		1229.8		17639	5.880		12343	
	5773		662			5631		643		
	5111		664			4995		643		SUMMATION OF [illegible]
	4447		1326			4352		1286		B.M. 5-25 TO B.M. [illegible]
11.	15331	5.110		1362.4		14985	4.995		13629	
	6042		649			5761		645		TOTAL BACKSIGHTS + 73.497
	5393		650			5116		645		" FORESIGHTS - 69.437
	4743		1299			4471		1290		DIFF. IN ELEVATION 4.060
12.	16178	5.393		14923		15348	5.116		14919	
	6020		650			6979		656		
	5370		650			6323		654		B.M. 5-25 (U.S. 40 [illegible] (LACRD))
	4720		1300			5669		1310		SEE F.B. 1206-[illegible]
13.	16110	5.370		16223	84°	18971	6.324		16229	FOR DESCRIPTION
		73.497					69.437			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
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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. 206 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 9:30-11:00AM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVELING
Job No. 4923
From BM 5-25 To BM 5-28
Date 10-15-51
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.	7141 6637 6121 19907	6.636	504 508 1012	1012	#7 61°	5811 5322 4828 15967	5.322	495 494 989	989	B.M. 5-25 (U.S. LOTS) [illegible] SEE FB 1206-[illegible] FOR DESCRIPTION
2	5722 5071 4420 15213	5.071	651 651 1302	2314		6161 5505 4848 16514	5.505	656 657 1313	2302	⊼ GE DRIVE
3.	5614 4970 4327 14911	4.970	644 643 1287	3001		6180 5542 4903 16625	5.542	638 637 1277	3579	
4	5497 4848 4199 14544	4.848	649 649 1298	4899		6004 5352 4702 16056	5.352	650 650 1300	4879	
5.	5540 4902 4265 14707	4.902	638 637 1275	6174		6243 5598 4952 16793	5.598	645 646 1291	6170	
		26.427					27.317			

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

FORM 379 5M 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party [illegible] Weather [illegible] Inst. No. 50010
Notes by [illegible] Time 9:30-11:00 [illegible] Rod No. 7 & 8

Name [illegible] Level Net
Job No. 4723
From BM 5-25 To BM 5 8
Date 10-15-51
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
	5475	26.427	642	617.4		6081	27.519	650	617.0	
	4829		641			5431		651		
	4182		1273			4780		1301		
6.	14486	4[illegible]9		7467		16292	[illegible]		747.1	
	6464		652			6683		743		
	5712		[illegible]			5740		743		
	4962		1[illegible]			5197		1486		
7	17138	5.713	5	8[illegible]67		17[illegible]	[illegible]		8757	
	6149		810			6088		906		
	5309		841			5182		905		
	4468		1681			4277		1811		
8	15926	5.307		10450		15547	5.1[illegible]		10768	
		42.278					[illegible]			
										B.M. 5-26 (L.A. Co. [illegible]) (RBM 4[illegible]) SEE F.B. 1206-27 FOR DESCRIPTION
	5272		306			5250		237		
	4966		307			5013		236		
	4659		613			4777		473		
9.	14897	4.966		11[illegible]63		15040	5.[illegible]13		1124.1	
		47.244					48.185			

F.B. 1206 PG. 162

FORM 379 5M 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

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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 9:30-11:00 AM Rod No. 7 [illegible]

Name L. A. Co. [illegible]
Job No. 4[illegible]
From BM 5-25 To B [illegible]
Date 10-15-51
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
	6377	47.244	834	11263		6409	48.885	742	11[illegible]	
	5543		832			5667		743		
	4711		1666			4924		1485		
10.	16631	5.544		12729		17000	5.667		12726	
	9570		476			4723		568		
	[illegible]		475			4155		570		
	86[illegible]		951			3585		1038		
11.	27283	9.094		13680		12463	4.153		13764	
		61.88[illegible]					5[illegible]			
										B.M. 5-21 (U.S. 3744 [illegible]) SEE [illegible] FOR DESCRIPTION
	4641		705			6711		6[illegible]		
	3943		703			6[illegible]		649		
	3240		1408			[illegible]		[illegible]		
12	11831	3.944		15288		18486	6.062		15862	
	4577		651			6781		649		
	[illegible]		655			6132		648		
	3[illegible]		1306			5484		[illegible]		
13.	11840	3.947		16394		18397	6.13[illegible]		16359	
		67.713					70.899			
							70.900			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

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700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAU[illegible] Weather CLEAR Inst. No. 50010
Notes by S. SHINOLA Time 9:30-11:00 AM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL N[illegible]
Job No. 4923
From BM 5-25 To BM 5
Date 10-15-51
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
	4344	69.773	641	1637.4 5		6844	7[illegible] 900	652	~~1635.9~~ 1645.9	
	3703		64[illegible]			6192		649		
	3063		1281	8		5543		1301	7	
14	11110	3.703		17[illegible]75		18579	6[illegible]3		17[illegible]60	
	4598		646			6382		650		
	3752		642			5730		652		SUMMATION OF RUN
	3304		1294	91		5078		1302	19064	B.M. 5-25 TO B.M. 5-[illegible]
15	11854	3.951		1[illegible]69		17190	5[illegible]		~~1[illegible]~~	
	5712		648			5860		650		TOTAL BACKSIGHTS 487.59[illegible]
	5064		647			5210		650		" FORESIGHTS - 92.541
	4417		1295	4		4560		1300	3	DIFF. IN ELEVATION - 4.94[illegible]
16	15193	5.064		20[illegible]4		15630	5[illegible]		20[illegible]64	
	5641		532			5065		556		
	5109		535			4509		557		B.M. 5-28 (U.S. 4094) (56Z (M[illegible])
	4574		1067	5		3750		1113		SEE F.B. 1206-28
17	15324	5.108		21[illegible]	74°	13524	4.508		21379	FOR DESCRIPTION
18										
		87.599					92.541 92.540			

F.B. 1206 PG. 164

FORM 379 5M 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

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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 1:10-2:30 PM Rod No. 7 & 8

Name L.A. Co. Precise Le[illegible]
Job No. 4923
From BM 5-28 To [illegible]
Date 10-16-51
Indexed [illegible] C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	49[illegible]		553		#7	5580		533		
	4446		556			5047		536		B.M. 5-28 (U.S. 40[illegible]) (56Z M[illegible])
	3[illegible]		1109			4511		1069		SEE F.B. 1206
1.	13335	4.445		110.9	73°	15138	5.046		106.9	FOR DESCRIPTION
	5831		650			5684		646		
	5181		650			5038		649		T.G.E. DRE[illegible]ER
	4531		1300			4389		1295		
2	15543	5181		2409		15111	5.037		2364	
	6378		649			4602		651		
	5729		649			3951		650		
	5080		1298			3301		1301		
3	17187	5.729		3707		11854	3.951		3665	
	6988		641			4503		651		
	6347		644			3852		650		
	5703		1285			3202		1301		
4	19038	6346		4992		11557	3.852		4966	
	6762		650			4571		650		
	6112		650			3921		650		
	5462		1300			3271		1300		
5.	18336	6112		6292		11763	3.921		6266	
		27.813					21.807			

F.B. [illegible] PG. 165

FORM 379 SM 7-40

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700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:10-2:30 PM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From BM 5-28 To BM 5-
Date 10-16-51
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
	6578	27.813	630	627.2		4550	21.807	722	626.6	
	5948		630			3828		721		
	5318		1260			3107		1443		
6	17844	5.948		7552		11485	3.028		7109	
		33.761					25.835			
										BM 5-27 (US 3744) (44-33) L.A.C.F.C. SEE F.B. 1206-27 FOR DESCRIPTION
	4786		599			9604		476		
	4187		599			9128		477		
	3588		198			8651		753		
7.	12561	4.187		8750		27383	9.128		8662	
	6330		750			5655		756		
	5580		749			4897		757		
	4831		1499			4142		1513		
8.	16741	5.580		10249		14696	4.879		10175	
	3376		199			3886		199		
	3177		198			3687		199		
	2979		397			3488		398		
9.	9532	3.177		10646		11061	3.687		10573	
		46.705					43.549			

F.B. 1206 PG. 166

FORM 379 SM 7-40

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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 1:10-2:30 PM Rod No. 7 & 8

Name L.A. Co. PRECISE [illegible]
Job No. 49[illegible]
From BM 5-28 To 3 5-25
Date 10-16-51
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
		46.705		1064.6			43.349		1057.3	BM 5-26 (LA Co. P.C.) [illegible] 44-3 SEE FB 1226-2 FOR DESCRIPTION
10	6147 5284 4420 15851	5.284	863 864 1727	12373		6289 5408 4527 16224	5.408	881 881 1762	12335	
11	6500 5799 5098 17397	5.799	70 701 1402	13775		6371 5578 4782 16731	5.577	793 796 1589	13924	
12	6315 5653 4992 16960	5.653	662 661 1323	15098		5686 5050 4413 15149	5.050	636 637 1273	15197	
13	6490 5831 5170 17491	5.830	659 661 1320	16418		5761 5138 4512 15411	5.137	623 626 1249	16446	
		69.271					64.521			

F.B. [illegible] PG. 167

FORM 379 5M 7-40

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ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 1:10-2:30 PM Rod No. 7 & 8

Name LA Co PRECISE LEVEL NET
Job No. 4923
From BM 5-28 To BM 5-
Date 10-16-51
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
14	6288 5635 4984 16907	69.271 5.636	653 651 1304	16418 17722		5773 5[illegible] 4[illegible] 15380	[illegible] 5.[illegible]	645 649 1294	16446 17740	
15	6358 5716 5074 17148	5.716	642 642 1284	19006		5789 5148 4507 15444	5.148	641 641 1282	19022	SUMMATION OF RUN B.M. 5-28 TO B.M. 5-
16	6310 5649 4988 16947	5.649	661 661 1322	20328		5860 5213 4568 15641	5.214	647 645 1292	20314	TOTAL BACKSIGHTS +91.8[illegible] " FORESIGHTS - 86.9[illegible] DIFF IN ELEVATION + 4.9[illegible]
17	6106 5610 5112 16828	5.609	498 498 [illegible]	21322	72°	7432 6[illegible] 6414 20769	6.923	509 509 1018	21332	B.M. 5-25 (U.S. 4093) (Q76) SEE F.B. 1206-26 FOR DESCRIPTION
		91.881					86.[illegible]33			

F.B. 1206 PG. 168

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party [illegible] Weather HAZY Inst. No. 50010
Notes by G.E. DREIER Time 11:00 TO 2:15 Rod No. 7 & 8

Name L.A. Co. PRECISE L[illegible]
Job No. 4923
From BM 5-28 To B[illegible] 5-32
Date 10-15-51
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
	5411		642		#7	5982		641		B.M. 5-28 (U.S. 4094) [illegible]
	4769		642			534[illegible]		642		SEE F.B. 1206-[illegible]
	4127		128.4			4699		128.3		FOR DESCRIPTION
1	14307	4769		128.4	74°	16022	5341		128.3	
	5530		640			6178		648		
	4890		641			5530		650		
	4249		128.1			4880		129.8		
2	14669	4890		2565		16588	5529		2581	
	2552		252			3458		238		
	2300		255			3220		236		
	2045		507			2984		474		
3	6897	2299		3072		9662	3221		3055	
										B.M. 5-29 U.S. 4095 (4-33) LA. [illegible]
										SEE F.B. 1206-29
		11958					14091			FOR DESCRIPTION
	6806		646			6127		650		
	6160		647			5477		651		
	5513		129.3			4826		130.1		
4	18479	6160		4365		16430	5477		4356	
		18118					19568			

F.B. ____ PG. ____

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather HAZY Inst. No. 50010
Notes by G.E. DREIER Time 11:00 to 2:00 Rod No. 748

Name L.A.C. PRECISE LEVEL NET
Job No. 4923
From BM 5-28 To BM 5-5
Date 10-15-51
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
	6060	18,118	630	436.5		6,296	19,468	631	435.6	
	5,430		631			5,657		639		
	4799		126.1			5,018		127.8		
5	16,289	5,430		562.6		16,971	5,657		563.4	
	5670		653			6,281		646		
	5,017		657			5,635		647		
	4360		131.0			4988		129.3		
6	15,047	5,016		693.6		16,904	5,635		692.7	
	5859		637			6,272		653		
	5222		637			5,619		655		
	4585		1274			4964		1308		
7	15,666	5,222		821.0		16,855	5,618		823.5	
	5699		650			6450		650		
	5,049		651			5800		651		
	4,398		1301			5149		1301		
8	15,146	5049		951.1		17399	5800		953.6	
	5616		481			5942		439		
	5,135		483			5,503		436		
	4,652		964			5067		875		
9	15,403	5,134		1047.5		16,512	5,504		1041.1	
		43,969					47,782			

F.B. 206 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 Hazy Inst. No. 50010
Notes by G.E. Dreier Time 11:00 to 2:45 Rod No. 7 E 8

Name L.A.C. Fire Station No. 16
Job No. 4723
From 5M 5-28 To 5M 5-32
Date 10-15-51
Indexed R.C.J. Dixon

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5862	43.929	659	1042.5		5460	47.782	641	1041.1	
	5203		663			4819		641		
	4540		132.2			4178		128.2		
10	15605	5202		1179.7		14457	4819		1169.3	
										B.M. 5-30 (Con-[illegible]) SEE F.B. 1206-[illegible] FOR DESCRIPTION
		49171					52601			
	5165		737			6049		800		
	4431		733			5249		800		
	3698		147.0			4449		1600		
11	13297	4432		1322.7	75°	15747	5249		1329.3	STARTED 12:00
	5924		724			7348		719		
	5200		722			6629		720		B.M. 5-31 (US 2198) SEE F.B. 1206-31 FOR DESCRIPTION
	4478		144.6			5908		1439		
12	15602	5201		1471.3	75°	19885	6628		1473.3	
	6748	58.804	748			6534	64.478	743		
	6000		750			5794		741		
	5250		149.8			5053		1481		
13	17998	5999		1621.1		17381	5794		1621.4	
		64803					70272			

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

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR [illegible] Inst. No. 50010
Notes by G.E. DREIER Time 11:00 TO 2:15 Rod No. 7E8

Name L.A.Co. PRECISE LEVEL [illegible]
Job No. 4923
From B.M. 5-28 To B.M. 5-[illegible]2
Date 10-15-51
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
	5.845	64.803	651	1621.1		6.382	70.272	645	1621.4	
	5.194		655			5.735		648		
	4.539		130.6			5.087		129.2		
14	15.578	5.193		1751.7		17.204	[illegible]	5	1750.9	
	5.678		656			6.4[illegible]		647		
	5.022		655			5.763		648		
	4.367		131.1			5.115		129.5		
15	15.067	5.022		1882.8		17.285	[illegible]763		1880.4	
	5.672		642			6.422		652		
	5.030		642			5.770		652		
	4.388		128.4			5.118		130.4		
16	15.090	5.030		2011.2		17.310	[illegible]770		2010.8	
	5.649		660			6.401		643		
	4.989		659			5.758		648		
	4.330		131.9			5.113		128.8		
17	14.968	4.989		2143.1		17.272	[illegible]		2139.6	
	5.609		656			6.315		641		
	4.953		654			5.674		641		
	4.299		131.0			5.033		128.2		
18	14.861	4.954		2274.1		17.022	5.674		2267.8	
		89.991					98.771			

F.B. 1206 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 11:00 TO 2:15 Rod No. 7 & 8

Name L.A. Co. PRECISE LE[illegible] NET
Job No. 4923
From B.M. 5-28 To B.M. 5-32
Date 10-15-51
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5578	89.991	644	2274.1		6.411	98.971	662	2267.8	
	4.934		644			5.749		665		
	4.290		128.8			5.084		132.7		
19	14.802	4.934		2402.9		17.244	5.748		2400.5	
	5738		648			6.438		654		SUMMATION OF RUN
	5090		650			5.784		652		B.M. 5-28 TO B.M. 5-32
	4440		129.8			5.132		130.6		
20	15.268	5.089		2532.7		17.354	5.785		2530.1	
	5660		499			6215		496		TOTAL BACKSIGHTS - 110.016
	5161		500			5.719		496		" FORESIGHTS - 121.997
	4661		99.9			5.223		99.2		DIFF. IN ELEVATION - 11.981
21	15.482	5.161		2632.6		17.157	5.719		2630.3	
	5450		610			6358		584		
	4.840		607			5.774		583		
	4233		121.7			5.191		116.7		
22	14.523	4.841		2754.3	76°	17.323	5.774		2746.8	
										B.M. 5-32 (COMPTON [illegible]) SEE F.B. 1206-32 FOR DESCRIPTION
		110.016					121.997			

F.B. ____ PG. ____

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party..... 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. 2006 PG. 174

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather PART - CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 12:00 Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-32 To B.M. 7-5-28
Date 10-16-51
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
	6707		606		#7	5762		593		B.M. 5-32 (Compton [illegible])
	6101		602			5169		597		SEE F.B. 1206-32
	5497		1208 10			4572		1190		FOR DESCRIPT[illegible]
1	18305	6102		1208 10	74°	15503	5168		1190	
	6230		498			5667		496		
	5732		500			5171		495		
	5232		998			4676		991		
2	17194	5731		2206 8		15514	5171		2181	
	6464		647			5778		655		
	5817		646			5123		655		
	5171		1293			4468		1310		
3	17452	5817		3499 501		15369	5123		3491	
	6459		659			5632		648		
	5800		657			4984		646		
	5143		1316			4338		1294		
4	17402	5801		4815 7		14954	4985		4785	
	6333		640			5629		656		
	5693		641			4973		655		
	5052		1281			4318		1311		
5	17078	5693		6096 4		14920	4973		6096	
		29144					25420			

F.B. ..... 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 CLEARING Inst. No. 50010
Notes by G.E. DREIER Time 10:00 TO 12:00 Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL [illegible]
Job No. 4923
From B.M. 5-32 To B.M. 5-28
Date 10-16-51
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
	6384	29.144	648	609.6		5620	25.420	656	609.6	
	5.736		650			4.964		652		
	5.086		129.8			4312		130.8		
6	17206	5.735		739.4		14.896	4.965		740.4	
	6381		658			5.624		639		
	5.723		655			4.985		640		
	5.068		131.3			4.345		127.9		
7	17.172	5.724		870.7		14.954	4.985		868.3	
	6.386		648			5.648		655		
	5.738		649			4.999		652		
	5.089		129.7			[illegible]		131.7		
8	17.213	5.738		1000.6		14.982	[illegible]	130.7	999.0	
	6401		646			5869		656		
	5755		650			5.213		654		
	5165		129.6			4559		131.0		
9	17.261	5754		1130.2		15.641	5.214		1130.0	
	6542		750			6738		739		
	5.792		749			5.999		740		
	5043		149.9			5259		147.9		
10	17.377	5.792		1279.9		17.996	5.999		1278.9	
		57.887					51.577			

F.B. 1256 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 CLEARING Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 12:00 Rod No. 788

Name L.A.Co. PRECISE LEV. NET
Job No. 4923
From B.M. 5-32 To B.M. 5-28
Date 10-16-51
Indexed A. C. [illegible]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		57.887		12~~799~~ 80.1			51.577		1278.9	B.M. 5-31 (U.S. 2198) [illegible] SEE F.B. 1206-31 FOR DESCRIPTION
	7301		731			5858		714		
	6570		731			5144		712		
	5.839		1462			4.432		1426		
11	19.710	6.570		1426.3		15.434	5.145		1420.5	
	6.482		762			5691		787		
	5.720		765			4.904		786		
	4.955		1527			4.118		1573		
12	17.157	5.719		1578.90		14.713	4.904		1578.7	
		70.176					61.626			B.M. 5-30 (COMPTON [illegible]) SEE F.B. 1206-32 FOR DESCRIPTION
	5.475		647			5849		641		
	4.828		649			5.208		640		
	4.179		1296			4568		1281		
13	14.482	4.827		1709.84		15.625	5.208		1705.9	
		75.003					66.834			

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

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.F. DREIER Time 10:00 TO 12:00 Rod No. 788

Name L.A.Co. PRECISE LEVEL N.F.
Job No. 4923
From B.M. 5-22 To B.M. 5-
Date 10-16-51
Indexed A. C. Johnson

Number Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5940	75.003	454	1709.4 86		5579	66.834	464	1708.9 5	
	5486		454			5115		467		
	5032		90.8	4 1799.2		4648		93.1	1799.0	
14	16,458	5.486		1800.2		15,342	5.114		1800.0	
	6442		654			5682		648		
	5788		655			5034		649		
	5133		1309	03		4385		129.7	8	
15	17,363	5.788		1934.7		15,101	5.034		1929.7	
	6288		658			5868		632		
	5630		658			5236		634		
	4972		1316	9		4602		126.6	5	
16	16890	5.630		2068.3		15,706	5.235		2058.3	
	6301		649			5685		651		
	5652		650			5034		653		
	5002		1299	8		4381		130.4	5	
17	16,955	5.652		2198.6		15,100	5.033		2188.7	
	6223		630			6016		641		
	5593		633			5369		639		
	4960		1263	11		4730		128.0	0	
18	16,776	5.592		2314.9		16,109	5.370		2314.7	
		103.151					9.320			

F.B. L.A.Co. PG. 178

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 12:00 Rod No. 788

Name L.A.Co. PRES. SR. LEVELNET
Job No. 4923
From B.M. 5-32 To B.M. 5-28
Date 10-16-51
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.110	108.151	645	2318.9		6.800	92.620	651	2314.7	
	5.465		644	81		6.149		651	3	
	4.821		128.9	20		5.498		1302		
19	16.396	5.465		2448		18.447	6.149		2449	
		108.66					98.759			B.M. 5-29 (USHD 25) (14 miles N.C.P.C.) SEE F.B. 1206-29 FOR DESCRIPTION
	3.439		226			2.359		267		
	3.213		223			2.292		264		SUMMATION OF DIFF. IN ELEV. B.M. 5-32 TO B.M. 5-28
	2.990		449			2.028		531		
20	9.642	3.214		2498.7		6.879	2.295		2498.6	
	6.102		641			5.478		650		TOTAL BACKSIGHTS = 122.907
	5.461		641			4.828		649		" FORESIGHTS = 110.924
	4.820		1282	301		4.179		299		DIFF. IN ELEVATION = +11.983
21	16.383	5.461		2620.9		14.485	4.828		2628.9	= +11.983
	6.280		663			5.672		627		
	5.617		667			5.045		629		B.M. 5-28 (USHD 90) (562 miles N.C.P.C.) SEE F.B. 1206-28 FOR DESCRIPTION
	4.950		1330	21		4.416		1256		
22	16.847	5.616		2753.9	76	15.133	5.044		2753.5	
		122.907					110.924			

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

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party ..... 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. 206 PG. 180										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:15-3:05 P.M. Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From BM 5-32 To BM 5-36
Date 10-15-51
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.	6316 5619 4922 16857	5.619	697 697 1394	139.4	#7 76.3	6533 5806 5077 17416	5.805	727 729 1456	145.6	BM 5-32 (Co. [illegible] 1-6) SEE F.B. 1206-32 FOR DESCRIPTION
										BM 5-33 (U.S. 4096) (-76) SEE F.B. 1206-33 FOR DESCRIPTION
2	5836 5190 4544 15570	5.190	646 646 1292	2686		6261 5610 4959 16830	5.610	651 651 1302	2758	* G.E. DREDGE
3.	5682 5018 4352 15052	5.017	664 666 1330	4016		6319 5691 5061 17071	5.690	628 630 1258	4016	
4.	5778 5128 4477 15384	5.128	650 650 1300	5316		6402 5754 5105 17261	5.754	648 649 1297	5313	
		20.954					22.859			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 2:15-3:05 Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL [illegible]
Job No. 4923
From BM 5-32 To BM 5-[illegible]
Date 10-15-51
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
	5784	20.954	654	531.6		6237	20.159	647	531.3	
	5130		655			5590		648		
	4475		1309			4942		1295		
5	15389	5.130		6625		16767	5.592		6608	
	5856		654			6306		647		
	5202		653			5659		650		
	4549		1307			5009		1297		
6	15607	5.202		7932		16974	5.658		7905	
	5682		654			6489		646		
	5028		652			5843		646		
	4376		1306			5197		1292		
7	15086	5.029		9238		17527	5.843		9197	
	5649		701			6638		697		
	4948		700			5940		700		
	4248		1401			5240		1398		
8	14845	4.948		10639		17818	5.137		10595	
	5647		608			8068		570		
	5039		609			7498		567		
	4430		1217			6929		1139		
9	15116	5.039		11856		22495	7.498		11734	
		46.302					53.385			
							53.387			

F.B. 1206 PG. 182

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINOZA Time 2:15-3:05 PM Rod No. 7 85

Name L.A. Co. PRECISE [illegible]
Job No. 4923
From B.M. 5-32 To B.M. 5-36
Date 10-15-51
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
		46.300		1185.6			53.387		1173.4	
10										B.M. 5-34 (U.S. 455-) [illegible] SEE F.B. 1206 [illegible] FOR DESCRIPTION
	7778		559			6411		618		
	7219		560			5793		617		SUMMATION [illegible]
	6659		1119			5176		1235		B.M. 5-32 TO B.M. 5-36
10	21656	7.219		1297.5		17380	5.793		14969	
	5766		699			8283		670		
	5067		700			7613		670		TOTAL BACKSIGHTS [illegible]
	4367		1399			6943		1340		FORESIGHTS [illegible]
11	15200	5.067		14374		22839	7.613		14309	DIFF IN ELEVATION 5.281
		58.588					66.793			
										B.M. 5-35 (U.S. 3745 S615) SEE F.B. 1206-35 FOR DESCRIPTION
	8404		461			5549		530		
	7943		460			5019		531		B.M. 5-36 (COMPTON J-7)
	7483		921			4488		1061		SEE F.B. 1206-35
12	23730	7.943		15295	72°	15056	5.019		15370	FOR DESCRIPTION
		66.53[illegible]					71.8[illegible]			

F.B. 1206 PG. 183

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.E.N. 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. 1056 PG. 184

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party [illegible] Weather CLEAR Inst. No. 50010
Notes by S. SHINOGA Time [illegible] 3:30 PM Rod No. 7 & 8

Name L.A. Co. [illegible]
Job No. 4923
From [illegible] To [illegible]
Date 10-15-51
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1.	5527 4998 4468 14995	4998	529 530 1059	1059	#7 72°	8324 7923 7462 23769	7923	461 461 922	922	BM 5-36 (Compton [illegible]-7) SEE F.B. 1206-35 FOR DESCRIPTION
										BM 5-35 (U.S. 9745) S6.5) SEE F.B. 1206-3[illegible] FOR DESCRIPTION
2.	8242 7577 6911 22730	7577	665 666 1331	2370		5[illegible] 5028 4324 15083	5028	[illegible] 704 [illegible]	2329	π G.E. DEEP
3.	6356 5759 5162 17277	5759	597 597 1194	3584	72°	7761 7182 6603 21546	7182	579 579 1158	3487	SEE PAGE 188 FOR RE RUN BETWEEN BM 5-35 & BM 5-34
										BM 5-34 (U.S. 4550) [illegible] SEE F.B. 1206-34 FOR DESCRIPTION
		18334					20133			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. Nowa[illegible] Weather Clear Inst. No. 50019
Notes by S. Sm[illegible] Time 9:00-4:30 Rod No. 7 E 8

Name L.A. Co. Precise Level[illegible]
Job No. 4[illegible]
From BM 5-36 To BM 5[illegible]
Date 10-16-51
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	[illegible]	18.354	5 5 2 8 5 7			5 0 2 2	30.153	611	848.7	
	7490		551			5 1 1		610		Started 3:35 PM 10-15-51
	6 9 1 1		1177			4401		5 2 1		
4	24 0 9	6.470		4701	68°	15 0 5 4	5 [illegible]		4708	Re[illegible] 10-16-51
	6627		674			5635		701		
	5928		700			4 [illegible] 2		6 7 0		
	4 2 2 1		1379			4 2 3 3		1 4 0 0		
5	17783	5.928		6100		14 7 9 5	4 [illegible]		6108	
	6537		655			5713		645		
	5882		654			5 0 0 1		6 4 7		
	5 2 4 1		1309			4 4 0 1		1 2 9 2		
6	17641	5.882		7409		15 2 0 2	5.067		7400	
	6 2 1 8		649			5 1 6 7		655		
	5669		6 1 9			5 0 1 2		6 5 5		
	5 0 2 0		1 2 6 8			4 5 5 7		1 3 0 8		
7	17007	5.669		8707		15 6 8 6	5 [illegible]		8708	
	6 2 1 9		647			5 7 6 7		655		
	5 5 7 2		645			5 1 1 3		6 1 3		
	4 9 2 7		[illegible]			4 4 0 1		1 2 6 8		
8	16718	[illegible]		9779		15 3 4 1	5 [illegible]		10016	
		48.854					45.477			

F.B. 206 PG. 186

FORM 379 5M 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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
Notes by S. SHINODA
Weather CLEAR
Time 7:00 - 9:55 AM
Inst. No. 5000
Rod No. 7.5 C
Name L.A.Co. Dept. of Eng.
Job No. 4923
From B.M. 5-36
To
Date 10-16-51
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
	6407	40.56	649	9.99		5782	45.011	650	100.16	
	5759		649			5132		650		
	5110		1298			4482		1300		
9	17276	5.759		11297	13=	15396	5.132		131.6	
	6820		640			5702		651		
	6142		640			5070		651		SUMMATION OF [illegible]
	5102		1280			4419		1303		B.M. 5-36 TO B.M. [illegible]
10	17220	5.742		12577		15211	5.070		126.19	
	6310		640			5710		658		
	5670		640			5054		654		TOTAL BACKSIGHTS 71.769
	5030		1280			4398		1312		" FORESIGHTS 66.482
11	17010	5.672		13857		15160	5.053		139.31	DIFF. IN ELEVATION + 5.287
		66.027					60.946			
										BM 5-36 (OLD 96) (A.D.)
										SEE F.B. [illegible]-53
										FOR DESC[illegible]
	6474		732			6249		693		
	5742		732			5556		693		BM 5-32 (COMPUTED 6)
	5007		1464			4863		1386		SEE F.B. 1-96
12	17225	5.742		15327	13=	16668	5.556		153.17	FOR DESCRIPTION
		71.769					66.482			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. [illegible] Weather CLEAR Inst. No. 53910
Notes by S. SHINSON Time 9:50 - 10.0 Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NO.
Job No. 4923
From BM 5-35 To BM 5-34
Date 10-17-51
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
										BM 5-35
	8272		665			5762		704		
	7607		667			5058		703		
	6940		1332			4355		1407		
1	22819	7.606		1332	74°	15175	5.058		1407	
	6377		606			7764		570		
	5771		606			7194		570		
	5165		1212			6624		1140		
2	17313	5.771		2534		21582	7.194		2547	
										BM 5-34
		13.377					12.252			

F.B. 1206 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 [illegible] Weather CLOUDY Inst. No. 50010
Notes by S. [illegible] Time 2:45-3:30 PM Rod No. 7 & 8

Name A. Co[illegible] Level Nat
Job No. 4923
From BM 5-36 To [illegible]
Date 10-16-5[illegible]
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	4759 4081 3403 12243	4081	678 678 1356	1356		6133 5454 4778 16365	5455	679 676 1355	1355	[illegible] 5-3[illegible] (Com[illegible] J-7) SEE F.B. 1006-[illegible] FOR DESCRIPTION
2	[illegible] 5[illegible]8 [illegible] 15[illegible]	[illegible]	645 66[illegible] [illegible]	2649		6453 5798 5140 17391	5797	[illegible] [illegible] 1313	2668	⊼ G.E. DREIEN
3	57[illegible] [illegible] [illegible] 15[illegible]	5[illegible]	65[illegible] 65[illegible] [illegible]	3959		6324 5672 5020 17016	5672	[illegible] 652 1304	3972	
4	57[illegible]2 50[illegible] 44[illegible] 15[illegible]	5062	650 650 1300	5259		[illegible] 5568 4919 16704	5568	649 649 1298	5270	
5	581[illegible] 51[illegible] [illegible] 15458	5153	658 65[illegible] 1317	6576		[illegible] 5716 5077 [illegible]	5715	635 63[illegible] 1272	6542	
		24451					28207			

F.B. [illegible] 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. [illegible] Weather CLOUDY Inst. No. 50010
Notes by S. SHINOBA Time 2:45-3:30 Rod No. 7 & 8

Name L A Co PRECISE LEVEL [illegible]
Job No. 4923
From BM 5-36 To BM 5
Date 10-16-51
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
	5769	24.451	650	657.6		6292	[illegible]	660	654.2	
	5119		651			5632		660		
	4468		1301			4972		1320		
6	15356	5.11		7877		16896	5.[illegible]		7862	
	5881		648			6302		658		
	5233		645			5644		657		
	4588		[illegible]			4987		1315		
7	15702	5.234		9170		16933	[illegible]		9177	
	5878		650			6410		647		
	5228		650			5763		651		
	4578		1300			5112		1298		
8	15684	5.228		10470		17285	5.162		10475	
	5865		653			6221		649		
	5212		650			5572		651		
	4560		1305			4921		1300		
9	15637	5.212		11775		16714	5.[illegible]		11775	
	5826		648			6702		662		
	5178		649			6040		662		
	4529		1297			5378		1324		STOPPED 3:30 PM 10-16-51
10	15533	5.172		13072	73°	18120	6.040		13099	
		50.422					56.156			

F.B. 1206 PG. 190

FORM 379 5M 7-40

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700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:50 - 9:00 AM Rod No. 7 & 8

Name L.A. Co PRECISE [illegible]
Job No. 4923
From BM 5-36 To [illegible]
Date 10-17-51
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6311	50.422	500	1307.2		6022	56.856	493	1309.9	
	5811		502			5529		495		BEGAN 8:50 AM [illegible]
	5309		1002			5034		988		
11.	17431	5.810		14074	70°	16585	5.528		14087	
	[illegible]		646			10651		609		
	5451		645			10042		610		B.M 5-37 (U.S. 4097) ([illegible])
	[illegible]		1211			9432		1219		SEE F.B. 1206-36
12	16354	5451		15365	70°	30125	10.042		15306	FOR DESCRIPTION
										SUMMATION OF [illegible]
										B.M 5-36 TO B.M. [illegible]
										TOTAL BACKSIGHTS [illegible]
										" FORESIGHTS [illegible]
										DIFF. IN ELEVATION [illegible]
		61.683					72.426			

F.B. ____ PG. ____

FORM 379 5M 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

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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. 2006 PG. 19

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. Naumann Weather Clear Inst. No. 50010
Notes by S. Shinoda Time 9:00 - 9:50 AM Rod No. 7 & 8

Name L.A. Co Precise Le[illegible]
Job No. 4923
From B.M. 5-37 To B[illegible]
Date 10-17-51
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
	10701		606		#7	6154		647		
	10095		605			5507		649		B.M. 5-37 (U.S.[illegible]) (? 702)
	9490		1211			4858		1296		SEE F.B. 1202-36
1	30286	10.095		121.1	70°	16519	5.506		129.6	FOR DESCRIPTION
	6008		479			6329		519		
	5529		478			5810		519		[illegible]
	5[illegible]		757			5291		1038		
2	[illegible]	5.529		2168		17430	5.810		233.4	
	6788		689			5858		621		
	[illegible]		6[illegible]			[illegible]		622		
	5[illegible]		1379			[illegible]15		1243		
3	18299	6.100		3547		15710	5.237		3577	
	6161		658			5791		644		
	5503		656			5147		646		
	4847		1314			4501		1290		
4	16511	5.504		4861		15439	5.146		4867	
	6272		653			5728		646		
	5619		655			5082		644		
	4964		1308			4438		1290		
5	16855	5.618		6169		15248	5.083		6157	

32.842
6

26.782

F.B. 1206 PG. 193

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. SHINOGA Time 9:00-9:5[illegible] Rod No. 7&8

Name L.A.Co. PRECISE LEVEL[illegible]
Job No. 4923
From BM 5-37 To BM 5-3[illegible]
Date 10-17-51
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
	6277	32.846	652	616.9		5868	26.[illegible]82	653	615.7	
	5627		654			5215		653		
	4973		1306			4562		1306		
6	16877	5626		7475		15645	5[illegible]15		7463	
	6322		653			5811		654		
	5669		653			5151		656		
	5016		1306			4501		1310		
7	17007	5669		878.1		15469	5[illegible]6		877.3	
	6374		636			5[illegible]		658		
	5738		636			5174		657		
	5102		1272			4517		1315		
8	17214	5738		1025.3		15523	5[illegible]74		10088	
	6272		657			5753		644		
	5615		659			5109		642		
	4956		1316			4467		1286		
9	16843	5614		11369		15329	5[illegible]		11374	
	6329		662			5758		645		
	5667		665			5113		645		
	5002		1327			4468		1290		
10	16998	5666		12696		15339	5113		12664	
		61.159					52.[illegible]50			

F.B. 1206 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 S. SHINODA Time 9:00-9:15 AM Rod No. 7 & 8

Name [illegible]
Job No. 4923
From BM 5-37 To BM 5-36
Date 10-17-51
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
	6477	61.157	651	1269.6		5719	52.550	653	1266.4	
	5826		653			5066		654		
	5173		1304			4412		1307		
11	17476	5.825		14000		15197	5.066		13971	
	6198		672			4827		676		BM 5-36 (Compiled J-7)
	5526		673			4152		678		SEE F. B. [illegible]
	4853		1345			3474		1354		FOR DESCRIPTION
12	16577	5.526		15345	74.3	12454	4.151		15325	
										SUMMATION OF [illegible] BM 5-37 TO BM [illegible]
										TOTAL BACKSIGHTS + [illegible]
										" FORESIGHTS - 61.767
										DIFF IN ELEVATION + 0.713
		72.510					61.767			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. 1206 PG. 156

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:15-11:10 AM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL No.
Job No. 49-3
From B.M. 5-37 To B.M. 5-38
Date 10-17-51
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
	10633		612		#1	6183		635		
	10021		613			5548		638		B.M. 5-37 (US 409) (R761)
	9408		1225			4910		1273		SEE F.B. 1202-36
1	30062	10021		122.5	76°	16641	5547		127.3	FOR DESCRIPTION
	5909		651			6032		651		
	5258		651			5381		649		★ G.E. DREIER
	4607		1302			4732		1300		
2	15774	5258		2527		16145	5382		2573	
	5927		670			6169		638		
	5257		671			5531		640		
	4586		1341			4891		1278		
3	15770	5257		3868		16591	5530		3851	
	6022		653			6241		653		
	5369		653			5588		652		
	4716		1306			4936		1305		
4	16107	5369		5174		16765	5588		5156	
	6035		652			6221		643		
	5383		651			5578		645		
	4732		1303			4933		1288		
5	16150	5383		6477		16732	5577		6444	
		31.288					27.624			

F.B. 1206 PG. 197

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. 50,010
Notes by S. Shimoda Time 10:15-11:10 AM Rod No. 7 E B

Name L.A. Co Precise Level 11 T
Job No. 4923
From BM 5-37 To BM 5-
Date 10-17-51
Indexed R. ~ Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5293	31.28	651	647.7		6174	21.24	652	644.4	
	5278		652			5500		652		
	4626		1303			4170		1304		
6.	15883	5.278		7180		16566	5.524		7748	
	5936		657			6192		641		
	5279		656			5551		644		
	4603		1313			4909		1285		
7	15838	5.279		7093		16650	5.56		9033	
	5797		644			6150		654		
	5153		644			5496		654		
	4509		1288			4842		1307		
8	15459	5.153		10381		16487	5.116		10542	
	5967		639			6178		657		
	5330		642			5519		658		
	4692		1277			4861		1315		
9	15991	5.330		11658		16558	5.519		11659	
	5771		648			6218		655		
	5123		651			5618		656		
	4472		1299			4962		1311		
10	15366	5.124		12957		16798	5.618		12970	
		57.454					58.829			

F.B. 1206 PG. 178

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50,010
Notes by S. SHINODA Time 10:15-11:10 AM Rod No. 7 & 8

Name L.A. Co. [illegible]
Job No. 4923
From BM 5-37 To BM 5-38
Date 10-17-51
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5922	57.450	290	1295.7		6151	[illegible]	292	1297.0	
	5632		289			5859		291		
	5348		579			5568		583		
11	16897	5.632		1353.6		17578	5.859		1355.3	
	3020		334			1203		345		B.M. 5-38 (US 286) (D 167)
	2746		335			0858		346		SEE F.B. 1226-3
	2411		669			0512		691		FOR DESCRIPTION
12	8237	2.746		1420.5	77°	2573	0.858		1424.4	
										SUMMATION OF RUN BM 5-37 TO BM 5-38
										TOTAL BACKSIGHTS +65.828
										" FORESIGHTS -62.046
										DIFF. IN ELEVATION +.782
		65.828					62.046			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. 1206 PG. 200										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. [illegible] Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:10-1:25 PM Rod No. 7 & 8

Name L.A. Co. Precise Level [illegible]
Job No. 4923
From BM 5-38 To [illegible]
Date 10-17-51
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
	1213		336		#7	3104		340		
	0877		337			2764		340		B.M. 5-38 (US 2167 [illegible] 67)
	0538		675			2424		680		SEE F.B. [illegible]
1.	2628	0.8[illegible]		67.5	77°	8292	2.764		68.0	FOR DESCRIPTION
	6165		291			5938		291		
	5874		290			5647		291		π G.E. DRIVER
	5584		581			5356		582		
2	17623	5.874		125.6		16941	5.647		126.2	
	6360		647			5878		658		
	5713		646			5220		658		
	5061		1293			4562		1316		
3	17140	5.713		254.9		15660	5.220		257.8	
	6123		652			5928		647		
	5471		649			5281		650		
	4822		1301			4631		1297		
4	16416	5.472		385.0		15840	5.280		387.5	
	6173		654			5823		645		
	5519		655			5178		646		
	4864		1309			4532		1291		
5	16556	5.519		515.9		15533	5.178		516.6	
		23.454					24.089			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-4D

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 W
Notes by S. SHINODA Time 11:10-1:25 Rod No. 7 & 8

Name L.A. Co PRECISE LEVEL
Job No. 4923
From BM 5-38 To BM 5-37
Date 10-17-51
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
	6150	23.454	642	5129		5892	24.087	658	5166	
	5508		642			5234		655		
	4866		1284			4579		1313		
6.	16524	5.508		6443		15705	5.135		6479	
	6168		661			5911		644		
	5507		659			5267		645		
	4848		1320			4622		1289		1 HOUR FOR LUNCH
7	16523	5.508		7763	76°	15800	5.267		7768	
	6191		640			6010		654		
	5551		642			5355		654		
	4909		1282			4704		1306		
8	16651	5.550		9045	76°	16072	5.357		9074	
	6237		660			6003		644		
	5577		660			5359		648		
	4917		1320			4711		1292		
9	16731	5.577		10365		16073	5.358		10366	
	6192		652			5921		658		
	5540		654			5263		654		
	4886		1306			4609		1312		
10	16618	5.539		11671		15793	5.264		11678	
		51.136					50.570			

F.B. 1206 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. Naumann Weather CLEAR Inst. No. 50010
Notes by S. [illegible] Time 11:10-1:25 PM Rod No. 7 & 8

Name L. A. Co. Precise Level Net
Job No. 4923
From BM 5-38 To [illegible]
Date 10-17-51
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6058	51.136	654	1167.1		5927	50.570	648	1167.8	
	5404		653			5279		648		
	4751		1307			4631		1296		
11	16213	5.404		1297.8		15837	5.279		1297.4	
	6147		649			10573		602		
	5498		648			9971		603		B.M. 5-37 (U.S. 4097 R768)
	4850		1297			9361		1205		SEE F.B. 1206-3
12	16475	5.498		1427.5	76°	29912	9.971		1417.9	FOR DESCRIPTION
										SUMMATION OF RUN BM 5-38 TO BM 5-37
										TOTAL BACKSIGHTS + 6[illegible]
										" FORESIGHTS − 6[illegible]
										DIFF IN ELEVATION [illegible]
		62.0[illegible]					65.8[illegible]			

F.B. [illegible] PG. [illegible]

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name .....
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. 1206 PG. 208										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.E. NOHMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:35 TO 2:35 Rod No. 788

Name L.A. Co. [illegible]
Job No. 4923
From B.M. 5-38 To B.M. 5-38
Date 10-17-51
Indexed R. C. Jo

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.7[illegible]		440		#7	3505		446		
	1.270		459			3.059		449		BM. 5-38 (A.S.P. 86)
	0.831		879			2.610		895		SEE F.B. 1206
1	3.811	1.270		87.9	76°	9.174	3.358		89.5	FOR DESC. R[illegible]
	5.950		660			6.304		638		
	4.290		632			5.666		635		E. LANDA
	2.630		1292			5.028		2736		
2	15.870	5.290		219.9		16.998	5.666		217.1	
	5.884		646			5.425		656		
	5.238		646			5.769		655		
	4.592		1292			6.112		1313		
3	15.714	5.238		349.1		17.306	5.769		348.4	
	6.115		659			5.958		661		
	5.456		658			5.577		[illegible]		
	4.798		317			4.920		813		
4	16.369	5.456		485.8		17.355	5.578		480.2	
	5.992		634			6.275		641		
	5.358		637			5.634		644		
	4.721		1271			4.990		1285		
5	16.071	5.357		607.9		16.899	5.633		608.7	
		22.611					25.704			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. NAHNDANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:35 TO 2:35 Rod No. 288

Name L.A. Co PRECISE LEVEL NET
Job No. 4923
From BM 5.38 To BM 5.39
Date 12-17-51
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
	5.683	22.61	640	607.7		6.322	5.704	6.59	608.7	
	5.043		64			5.673		659		
	4.403		128.0			5.014		1318		
6	15.129	5.043		735.9		17.019	5.673		740.5	
	5.864		664			6.255		635		
	5.200		662			5.620		637		
	4.537		132.7			4.983		127.2		
7	15.601	5.200		868.6		16.858	5.619		867.7	
	5.737		655			6.070		641		
	5.082		652			5.429		643		
	4.430		130.7			4.786		128.4		
8	15.249	5.083		999.3		16.285	5.428		996.1	
	[illegible]		660			6.213		643		
	5.265		[illegible]			5.570		647		
	4.602		132.3			4.923		129.0		
9	15.792	5.264		1131.6		16.706	5.569		1125.1	
	5.866		628			6.145		675		
	5.238		630			5.470		671		
	4.608		125.8			4.799		134.6		
10	15.712	5.237		1257.4		16.414	5.471		1259.7	
		48.438					58.464			

F.B. 1206 PG. 210

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:35 TO 2:35 Rod No. 7 & 8

Name L. A. Co. PRECISE LEVEL NET
Job No. 4923
From BM. 5-38 To BM. 5-39
Date 10-17-51
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5919	48.438 ✓	640	12574 ✓		6259	53.464 ✓	634	1259.7 ✓	
	5279		639			5625		635		
	4640		1279 ✓			4990		1269 ✓		
11	15838 ✓	5279 ✓		13853 ✓		16874 ✓	5625 ✓		13866 ✓	
	5731		504			8620		490		B.M. 5-39 (45.37[illegible])
	5227		506			7530		490		SEE F.B. 1216-38
	4721		1010 ✓			7040		980 ✓		FOR DESCRIPTION
12	15679 ✓	5226 ✓		14863 ✓		22590 ✓	7530 ✓		14846 ✓	
										SUMMATION OF [illegible] B.M. 5-38 TO B.M. 5-39
										TOTAL BACKSIGHTS 58 943 ✓
										" FORESIGHTS 66 619 ✓
										DIFF IN ELEVATION - 7 676 ✓
		58.943 ✓					66.619 ✓			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. 1206 PG. 212										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 235 TO 3:30PM Rod No. 755

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-39 To B.M. 5-38
Date 12-17-51
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
	8038		499		77	5731		496		
	7539		499			5235		496		B.M. 5-39 (45.3746)
	7040		99.8			4739		99.2		SEE F.B. 1206-38
1	22617	7539		99.8	80°	15705	5235		99.2	FOR DESCRIPTION
	6236		637			5888		635		
	5599		639			5253		634		T. E. LANDA
	4960		127.6			4619		126.9		
2	16795	5595		227.4		15760	5253		226.1	
	6123		653			5887		649		
	5470		650			5238		650		
	4820		130.3			4588		129.9		
3	16413	5471		357.7		15713	5238		356.0	
	6162		642			5879		664		
	5520		645			5215		663		
	4875		128.7			4552		132.7		
4	16557	5519		486.4		15646	5215		488.7	
	6068		647			5724		647		
	5421		649			5077		649		
	4772		129.6			4428		129.6		
5	16261	5420		616.0		15229	5076		618.3	
		29547					26017			

F.B. ____ PG. ____

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. Naumann Weather CLEAR Inst. No. 50010
Notes by G.E. Dreier Time 2:35 to 3:30 Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-39 To B.M. 5-3
Date 10-17-51
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6307	29.547	646	616.0		5898	29.517	657	618.3	
	5.661		643			5.241		657		
	5.018		128.9			4.584		131.4		
6	16.986	5.662		744.9		15.723	5.241		749.7	
	6379		657			5737		645		
	5.722		656			5.092		642		
	5.066		131.3			4.450		128.7		
7	17.167	5.722		576.2		15.279	5.093		878.4	
	6276		651			5976		628		
	5.625		652			5.348		627		
	4.975		130.3			4.721		125.5		
8	16.874	5.625		1006.5		16.045	5.348		1003.9	
	6261		646			5810		657		
	5.615		[illegible]			5.153		655		
	4.970		129.1			4.498		131.2		
9	16.846	5.615		1135.6		15.461	5.154		1135.1	
	6129		637			5961		659		
	5.492		634			5.302		659		
	4.858		127.1			4.643		131.8		
10	16.479	5.493		1262.7		15.906	5.302		1266.9	
		57.664					52.155			

F.B. 1206, PG. 214

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. HAMMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:35 TO 3:30 Rod No. 728

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-39 To B.M. 5-38
Date 10-17-51
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.332	57664	646	1262.7		5962	52155	652	12669	
	5.686		648			5310		656		
	5.039		1294			4.660		1302		
11	17.056	5.685		1392.1		15.932	5.311		1397.1	
	3384		449			1573		432		B.M. 5-38 H.S. 867
	2935		450			1141		432		SEE F.B. 1206-3
	2.485		899			0.709		864		FOR DESCRIPTION
12	8.804	2.935		1482.0		3.423	1.141		1493.5	
										SUMMATION OF R.V.
										B.M. 5-39 TO B.M. 5-38
										TOTAL BACKSIGHTS + 66 284
										" FORESIGHTS - 58 607
										DIFF IN ELEVATION + 7 677
		66.284					58.607			

F.B. PG.

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party..... 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. 1206 PG. 216										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by [illegible] Time 8:40-9:30AM Rod No. 7 & B

Name A. Co[illegible]
Job No. 49[illegible]
From [illegible] To [illegible]
Date 10-18-51
Indexed A. C. Johnson 11-2-51

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5785		627		#7	4233		645		
	5151		629			3588		648		[illegible] 5 39 (US 3746) K 615)
	4529		1256			2940		1293		SEE F.B. 1206-38
1	15472	5157		1256	70°	10761	3587		1293	FOR DESCRIPTION
	5759		646			6070		649		
	5113		645			[illegible]		647		T. G. E. DREIER
	4468		1291			4772		1298		
2	15340	5113		2547		[illegible]	5421		2591	
	5949		661			[illegible]		640		
	5281		659			5565		641		
	4029		1320			4[illegible]		1281		
3	15860	5289		3867		16688	5563		3872	
	5939		652			6183		648		
	5281		655			[illegible]		[illegible]		
	4632		1307			4[illegible]		1297		
4	15858	5286		5174		16604	5535		5169	
	6170		660			6099		647		
	5510		661			5452		645		
	4849		1321			4807		1292		
5	16529	5510		6495		16358	5453		6461	
		26355					25559			

F.B. 1206 PG. 217

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party [illegible] Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:40-9:30 AM Rod No. 7 & 8

Name LA Co PRECISE LEVEL NET
Job No. 4925
From BM 5-39 To BM 5-4
Date 10-18-51
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
	6028	26.355	648	649.5		6052	25.559	655	646.1	
	5380		648			5397		657		
	4732		1296			4740		1312		
6	16140	5.380		7791		16189	5.396		7773	
	5984		645			6156		636		
	5339		648			5520		637		
	4691		1293			4883		1273		
7	16014	5.338		9084		16559	5.520		9046	
	5932		643			6292		654		
	5289		647			5697		658		
	4642		1290			4920		1312		
8	15863	5.288		10374		16910	5.637		10358	
	5767		636			6363		655		
	5131		633			5708		656		
	4498		1269			5052		1311		
9	15396	5.132		11643		17123	5.708		11669	
	5814		654			6235		646		
	5160		653			5589		649		
	4507		1307			4920		1295		
10	15481	5.160		12950		16764	5.588		12964	
		52.653					53.408			

F.B. 1206 PG. 218

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. SHINDA Time 8:40-9:30 AM Rod No. 793

Name L.A.C. Bd. Sup. [illegible]
Job No. 4735
From BM 5-39 To [illegible]
Date 10-12-61
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
	5261 52.653		729	10950		63 6 953.408		720	10964	
	5[illegible]2		728			564[illegible]		723		
	4404		1457			4922		1443		
11	15397	5.13[illegible]		14407		16244	5.042		14407	
	5712		643			5371		643		
	5169		643			4728		638		B.M. 5-40 (U.S. [illegible])
	4526		[illegible]			4090		1297		SEE F.B. 1206-[illegible]
12	15507	5.169		15993	76°	15211	5.737		15676	FOR DESCRIPTION
										SUMMATION OF [illegible]
										B.M. 5-39 [illegible]
										TOTAL BACKSIGHT + 6[illegible]
										FORESIGHT − 6[illegible]
										DIFF IN ELEVATION + [illegible]
		62.954					67.793			

F.B. 1206 PG. 215

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name .....
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. 1206 PG. 220										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party J.E. NAUMANN Weather FOGGY Inst. No. 50910
Notes by S. SHIMODA Time 9:00 10:15 AM Rod No. 753

Name [illegible]
Job No. 4922
From 3-7-5-40 To [illegible]
Date 10-19-51
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
	7040		625		#7	5415		640		B.M. 5.40 (US 100) (L 760)
	6415		628			4845		640		SEE F.B. 1266-3
	7721		1255 ✓			4205		1210 ✓		FOR DESCRIPTION
1	15246 ✓	8414 ✓		1253 ✓	68°	14535 ✓	4845 ✓		1670 ✓	
	6405		[illegible]			5796		729		
	5672		733			5167		[illegible]		T.G.E. OKE
	4962		1441 ✓			4432		1458 ✓		
2	17047 ✓	5682 ✓		2694 ✓		15501 ✓	5167 ✓		2758 ✓	[illegible]
	[illegible]		651			5211		640		
	[illegible]		[illegible]			5167		645		
	[illegible]		[illegible] ✓			4522		1285 ✓		
3	16772 ✓	5591 ✓		4009 ✓		15500 ✓	5166 ✓		4057 ✓	
	[illegible]		[illegible]			5416		681		
	[illegible]		[illegible]			5151		[illegible]		
	[illegible]		[illegible] ✓			4514		[illegible] ✓		
4	17170 ✓	5724 ✓		5333 ✓		15451 ✓	5151 ✓		5020 ✓	
	7041		642			5909		655		
	5902		640			5254		653		
	4152		1281 ✓			4601		1308 ✓		
5	17095 ✓	5698 ✓		6611 ✓		15764 ✓	5255 ✓		6570 ✓	
		21011 ✓					25515 ✓			

F.B. 1266 PG. 221

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by J. SHINODA Time 9:20-10:15 Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL
Job No. 4923
From B.M. 5-40 To B.M. 5-
Date 10-19-51
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
	6180	31.018	636	661.1		6008	25.585	645	659.8	
	5544		636			5363		646		
	4908		1272			4717		1291		
6	16632	5.544		7883		16088	5.363		7889	
	6037		648			6023		653		
	5389		649			5370		654		
	4740		1297			4716		1307		
7	16166	5389		9180		16109	5.370		9196	
	6097		658			6144		649		
	5439		656			5495		649		
	4783		1314			4846		1298		
8	16319	5440		10494		16485	5.495		10494	
	6210		649			5963		650		
	5561		650			5310		650		
	4911		1299			4663		1300		
9	16682	5561		11793		15934	5.[illegible]		11794	
	6217		646			5950		653		
	5571		648			5297		656		
	4923		1294			4641		1309		
10	16711	5.570		13087		15888	5.096		13103	
		58.522					52.422			

F.B. 1206 PG. 222

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:20-10:15 AM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-40 To B.M. 5-39
Date 10-19-51
Indexed E. C. Johns II

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6101	58.522	656	1308.7		5777	[illegible]	638	1310.3	
	5445		656			[illegible]		639		
	4789		1312			4500		1277		
11	16335	5.445		1437.9		15476	5.137		1438.0	
	6244		645			7810		650		BM 5-39 (US 3746) ([illegible])
	5599		648			7168		650		SEE F.B. [illegible]
	4951		1293			6518		1300		FOR DESCRIPTION
12	16794	5.598		1567.2	80°	21504	7.168		1568.0	
										SUMMATION OF [illegible] BM 5-40 TO BM 5-39
										TOTAL BACKSIGHTS [illegible]
										" FORESIGHTS [illegible] 1.779
										DIFF IN ELEVATION 4.836
		69.565					64.729			

F.B. 1206 PG. 223

M 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name.....
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. 1206 PG. 221										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H E NAUMMAN Weather HAZY Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 10:40 Rod No. 7 & 8

Name L.A. Co. [illegible] LEVEL NET
Job No. 4923
From B.M. 5-40 To B. 7 5 42
Date 10-18-51
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
	5789		874		#7	2,853		865		
	4915		874			1,988		866		B.M. 5-40 (US 4098) (2768)
	4,041		174.8 ✓			1122		173.1 ✓		SEE F.B. 1206-3
1	14,745 ✓	4915 ✓		174.8 ✓	76°	5963 ✓	1,988 ✓		173.1 ✓	FOR DESCRIPTION
	5925		653			9201		650		
	5272		651			8551		649		⊼ E. LANDA
	4621		130.4 ✓			7902		129.9 ✓		
2	15,818 ✓	5,273 ✓		305.2 ✓		25,654 ✓	8,551 ✓		303.0 ✓	
	5293		637			6,284		655		
	4,656		638			5,629		656		
	4,018		127.5 ✓			4,973		131.1 ✓		
3	13,967 ✓	4,656 ✓		432.7 ✓		16,886 ✓	5629 ✓		434.1 ✓	
	5,825		650			5965		647		
	5,175		651			5318		648		
	4524		130.1 ✓			4670		129.5 ✓		
4	15524 ✓	5175 ✓		562.8 ✓		15,953 ✓	5,318 ✓		563.6 ✓	
	5854		639			5,935		650		
	5,215		640			5,285		651		
	4575		127.9 ✓			4,634		130.1 ✓		
5	15,644 ✓	5215 ✓		690.7 ✓		15,854 ✓	5285 ✓		693.7 ✓	
		25,234 ✓					26,771 ✓			

F.B. 1206 PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 HAZY Inst. No. 50010
Notes by G. E. DREIER Time 8:30 TO 10:40 Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL
Job No. 4923
From B.M. 5-40 To B.M. 5-4
Date 10-18-51
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
	5.888	25234	660	690.7		6.120	26.77	633	693.7	
	5.228		661			5.487		637		
	4.567		1321			4.850		1270		
6	15.683	5.228		8228		16.457	5.486		8207	
	5850		645			5.600		655		
	5.205		645			4.945		657		
	4.560		1290			4.288		1312		
7	15.615	5.205		9518		14.833	4.944		9519	
	7304		626			7.510		647		
	6678		629			6.863		650		
	6049		1255			6.213		1297		
8	20.031	6.677		10773		20.586	6.862		10816	
	5255		667			6.077		646		
	4588		663			5.431		642		
	3.925		1330			4.789		1288		
9	13.768	4.589		12103		16.297	5.432		12104	
	5091		473			4610		479		
	4.618		475			4.131		478		
	4.143		948			3653		957		
10	13.852	4617		13051		12394	4.131		13061	
		51.550					53.626			

F.B. 1206 PG. 226

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather HAZY Inst. No. 50010
Notes by G.E. DREIER Time 9:30 TO 10:40 Rod No. 7 & 8

Name L.A. Co. [illegible]
Job No. 4923
From B.M. 5-40 To B.M. 5-42
Date 10-18-51
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
		51.550 ✓		1305.1 ✓			53.626 ✓		1306.1 ✓	B.M. 5-41 (LACRO) SEE F.B. 1206 [illegible] FOR DESCRIPTION
	5502 4989 4479		513 510 102.3 ✓			2960 2450 1940		510 510 102.0 ✓		B.M. 5-42 (US4099) (IN [illegible]) SEE F.B. 1206 [illegible] FOR DESCRIPTION
.11	14970 ✓	4.990 ✓		1407.4 ✓	82°	7350 ✓	2.450 ✓		14081 ✓	
										SUMMATION OF [illegible] IN B.M. 5-40 TO B.M. 5-42
										TOTAL BACKSIGHTS + 5[illegible].540 ✓ TOTAL FORESIGHTS + 5[illegible].076 ✓ DIFF. IN ELEVATION + 0.464 ✓
		56.540 ✓					56.076 ✓			

F.B. 1206 PG. 227

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name.....
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. 1206 PG. 228										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.E. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 2:15 To 3:20 pm Rod No. 758

Name L.A.C. PROPERTY & [illegible] VET
Job No. 4923
From B.M. 5-42 To [illegible]
Date 10-18-51
Indexed [illegible] Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.955		5.4		#7	5.478		5.13		
	2.424		512			4.965		515		B.M. 5-42 (U.S. 4089) (L.A.C.)
	1.912		1026			4.450		102.8		SEE F.B. 1206-49
1	7.274	2.425		102.6	80°	14.893	4.964		102.8	FOR DESCRIPTION
										B.M. 5-41 (L.A.C.R.)
										SEE F.B. 1206-4
										FOR DESCRIPTION
	5.232		475			5.720		476		
	4.757		478			5.244		476		
	4.279		953			4.768		952		↑ E. LANDA
2	14.268	4.756		197.9		15.732	5.244		198.2	
	6.040		655			5.194		655		
	5.385		654			4.539		654		
	4.731		1309			3.885		1309		
3	16.156	5.385		328.8		13.618	4.539		328.9	
	7.447		649			7.235		627		
	6.798		650			6.608		626		
	6.148		1299			5.982		1253		
4	20.393	6.798		458.7		19.825	6.608		454.2	
		19.364					21.355			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 2:15 TO 3:30 PM Rod No. 788

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-42 To B.M. 5-[illegible]
Date 10-18-51
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
	6385	19364	641	458.7		667	21355	669	454.2	
	5744		642			6002		676		
	5102		128.3			5332		133.9		
5	17231	5744		587.0		18005	6002		588.1	
	6165		645			5912		647		
	5520		645			5265		647		
	4875		129.0			4618		129.4		
6	16560	5520		716.0		15795	5265		717.5	
	5879		639			5825		653		
	5240		639			5172		653		
	4601		127.8			4519		130.6		
7	15720	5240		843.8		15516	5172		848.1	
	5918		652			5769		644		
	5266		655			5125		643		
	4611		130.7			4482		128.7		
8	15795	5265		974.5		15376	5125		976.8	
	6318		656			5330		642		
	5662		655			4688		640		
	5007		131.1			4048		128.2		
9	16987	5662		1105.6		14066	4689		1105.0	
		46795					46795			

F.B. 1206 PG. 230

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. Hahmann Weather CLEAR Inst. No. 50010
Notes by G. E. Dreier Time 2:15 TO 3:30 PM Rod No. 7 & 8

Name LA Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-42 To B.M. 5-40
Date 10-18-51
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
	9162	46.795	653	1105.6		5870	47.608	642	1105.0	
	8.509		654			5.228		646		
	7.855		130.7			4.582		128.8		
10	25.526	8.509		1236.3		15.680	5.227		1233.8	
	2888		864			5830		877		B.M. 5-40 (U.S. 4098 (L 768
	2.024		866			4.953		886		SEE F.B. 1206-3
	1.158		173.0			4073		175.7		FOR DESCRIPTION
11	6070	2023		1409.3	76°	14856	4.952		1409.5	
										SUMMATION OF ✓ IN B.M. 5-42 TO B.M. 5-40
										TOTAL BACKSIGHTS + 57327 ✓
										TOTAL FORESIGHTS - 57787 ✓
										DIFF. IN ELEVATION - 46.0 ✓
		57327					57787			

F.B. 1206 PG. 221

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party ..... 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. 1206 PG. 232										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:50-11:45AM Rod No. 7E8

Name L.A. Co. Precise Level Line
Job No. 4923
From BM 5-42 To 3 5-44
Date 10-18-51
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
	6818		361		#1	5913		377		
	5457		361			5436		379		BM 5-42 (U.S. 1951) (Pl. (A)-ACFD)
	4096		722			5057		756		SEE F B 2026-4
1.	25371	8.457		722	82	16306	5.435		756	FOR DESCRIPTION
	6015		337			5734		377		
	5678		338			5357		377		TT G.E. DREIER
	5340		675			4980		754		
2	17033	5.678		1397		16071	5.357		1550	
	6447		687			5526		621		
	5758		670			4905		621		
	5068		1357			4283		1243		
3	17273	5.758		2770		14714	4.905		2793	
	6173		651			5702		646		
	5522		651			5056		646		
	5102		1302			4410		1292		
4	17257	5.752		4077		15168	5.055		4087	
	6511		653			5675		649		
	5858		655			5026		649		
	5203		1308			4377		1298		
5.	17572	5.857		5398		15138	5.046		5385	
		31.502					25.838			

F.B. 1226 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 S. SHINODA Time 10:50-11:45 AM Rod No. 7&8

Name L.A. Co. PRECISE LEVEL [illegible]
Job No. 4923
From BM 5-40 To BM 5-[illegible]
Date 10-18-51
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
	6487	31.502	646	538.5		5531	[illegible]	654	538.5	
	5841		646			4877		657		
	5195		1292			4220		1311		
6.	17523	5.841		667.7		14628	4.876		669.6	
	6720		658			5242		640		
	6062		[illegible]			4602		640		
	5406		1314			3962		1280		
7.	18188	6.063		799.1		13806	[illegible]		797.6	
	7049		700			5284		602		
	6349		701			4682		602		
	5648		1401			4080		1204		
8.	19046	6.349		937.2		14046	[illegible]		918.0	
	6794		612			5331		682		
	6182		612			4649		683		
	5570		1224			3966		1365		
9.	18546	6.182		1061.6		13946	[illegible]		1054.5	
	6542		523			5737		540		
	6019		522			5197		537		
	5497		1045			4658		1079		
10.	18058	6.019		1166.1		15592	[illegible]		1162.4	
		61.956					49.844			

F.B. 1206 PG. 234

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party J. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:50-11:45 AM Rod No. 7 & 3

Name L.A. Co. PRECISE LEVEL NE
Job No. 4923
From BM 5-42 To B. 5-44
Date 10-18-51
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
		61.956		1166.5			49.844		1162.4	B.M. 5-43 (U.S. 4 [illegible]) (N 76[illegible] SEE F.B. 1[illegible] FOR DESCRIPTION
	7021		619			5524		650		SUMMATION OF [illegible] BM 5-42 TO B.M. 5-44
	6402		619			4874		650		
	5783		1238	12899		4224		1300		
11.	7206	6.402		12901		14622	4.874		12924	
	6612		656			5562		643		TOTAL BACKSIGHTS +8[illegible].043
	5956		657			4919		647		FORESIGHTS -6[illegible].729
	5299		1313			4272		1290		
12	17867	5.956		1421.4		14753	4.918		14214	DIFF IN ELEVATION +1[illegible].314
	6138		409			3491		398		B.M. 5-44 (BM 1 LAC [illegible]) SEE F.B. 1[illegible] FOR DESCRIPTION
	5729		408			3093		397		
	5321		817			2696		795		
13.	17188	5.729		1503.1	84°	9280	3.093		15009	
		80.043					62.729			

F.B. [illegible] PG. [illegible]

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name.....
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. 1206 PG. 236										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 [illegible] SHINOLA Time 11:45-2:15 PM Rod No. 7 & 8

Name LA[illegible] PRE[illegible] SE LE[illegible]
Job No. 49[illegible]
From BM 5-44 To [illegible]
Date 10-18-51
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
	3487		399		#7	6132		408		
	3[illegible]		398			5724		408		B.M. 5-44 (BM [illegible])
	2690		797			5316		816		SEE F.B. 1206-41
1.	9265	3.088		79.7	84°	17172	5.724		81.6	FOR DESCRIPTION
	5544		653			6578		649		
	4891		650			5[illegible]		650		A. G. E. DREIER
	4241		1303			5279		1299		
2	14676	4.8[illegible]		210.0		17786	5.929		211.5	
	5523		646			7062		623		
	4[illegible]		648			6405		623		
	4[illegible]		[illegible]			5[illegible]		[illegible]		1 HR FOR LUNCH
3	14629	4.876		339.4	84°	19215	6.405		336.1	
		12.856					18.058			
										BM 5-43 (US 4100) (K [illegible])
										SEE F.B. 1206-41
										FOR DESCRIPTION
	4143		520			4985		541		
	3623		519			4444		541		
	3104		1039			3903		1082		
4	10870	3.623		443.3	82°	13332	4.444		444.3	
		16.479					22.502			

F.B. [illegible] PG. [illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. Shinola Time 11:45-2:[illegible] Rod No. 7 & 8

Name L A Co Precise Level M
Job No. 4923
From BM 5-44 To BM 5-[illegible]
Date 10-[illegible]-51
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4768	16.477	643	4433		63[illegible]	[illegible]	650	4443	
	4125		642			5661		652		
	3483		1285			5007		1302		
5	12376	4.125		5718		16781	[illegible]		5745	
	5123		645			6801		657		
	4478		647			6142		656		
	3829		1294			3486		1315		
6	13430	4.477		7012		18427	6.[illegible]		7060	
	5112		653			6565		644		
	4459		654			5921		648		
	3805		1307			5273		1292		
7	13376	4.459		8319		17759	5.[illegible]0		8352	
	5522		659			6475		645		
	4863		656			5830		645		
	4207		1315			5185		1290		
8	14512	4.864		9634		17490	5.830		9642	
	5674		655			6478		646		
	5019		657			5832		648		
	4362		1312			5184		1294		
9	15.055	5018		10946		17494	5.831		10936	
		39.422					51.886			

F.B. 1206 PG. 238

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. Norman Weather CLEAR Inst. No. 50019
Notes by S. Shindo Time 11:45-2:15 PM Rod No. 7 E 8

Name L.A. Co. Dept. of Eng. & Tech.
Job No. 49-3
From BM 5-44 To B 5-44
Date 10-12-51
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
	5757 37.400		657	1094		6445 57.816		644	1093.6	
	5100		437			5101		675		
	4663		313			5156		1227		
10	15301	5100		1259		17424	5810		1225	
	5248		650			4435		662		
	4598		658			5772		662		SUMMATION OF LEVELS
	4321		300			5710		657		BM 5-44 TO B 5-44
11.	14347	4779		1355		15817	5772		1350	
	5655		373			5701		323		
	5066		372			5514		324		TOTAL BACKSIGHTS 46951
	4526		745			5254		647		" FORESIGHTS 46934
12.	15247	5082		1430		16733	5578		1417	DIFF. IN ELEVATION -17.32
	6111		321			9189		372		
	5790		362			8797		373		BM 5-44 (USED 1950)
	5348		763			8404		775		SEE F.B. 12 6
13.	17189	5730		1506	86	26390	8797		1498	FOR DESCRIPTION

60.512 77.834

F.B. 12 6 PG. 22 C

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. 1206 PG. 210										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:30 Rod No. 7 & 8

Name L. A. Co. Precise Lev. No.
Job No. 4925
From Em. 5.44 To Ft. 5.45
Date 10-19-51
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
	4.300		560		#7	5.385		550		B.M. 5-44 BM 1 (4.124)
	3.740		558			4.835		551		SEE F.B. 1206 41, 42
	3.182		111.8			4.284		110.1		FOR DESCRIPTION
1	11.222	3.741		111.8	80°	14.504	4.835		110.1	
	6.552		654			5.574		645		A. E. LANDA
	5.898		655			4.929		646		
	5.243		130.9			4.283		129.1		
2	17.693	5.898		242.7		14.786	4.929		239.2	
	6.100		651			5.861		646		
	5.449		651			5.215		645		
	4.798		130.2			4.570		129.1		
3	16.347	5.449		372.9		15.646	5.215		368.3	
	6.020		645			6.058		659		
	5.372		647			5.399		658		
	4.725		129.5			4.741		131.7		
4	16.117	5.372		502.4		16.198	5.399		5000 499.9	
	5.885		643			5.990		655		
	5.242		642			5.335		657		
	4.600		128.5			4.678		131.2		
5	15.727	5.242		628.9		16.003	5.334		631.7	
		25.702					25.712			

F.B. 3[illegible] PG. 2[illegible]

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 10:30 TO 11:25 Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL
Job No. 4923
From B.M. 5-44 To B.M. 5-
Date 10-19-51
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6119	25.702	654	629.9 30		6147	25.712	639	631.7 2	
	5465		656			5508		640		
	4809		131.0	1		4865		127.9		SUMMATION OF RUN
6	16393	5464		760.9		16523	5508		759.6	B.M. 5-44 TO B.M. 5-4
	5840		459			5869		428		
	5381		460			5441		428		TOTAL BACKSIGHTS + 47.118
	4921		919	3		5013		856	7	FORESIGHTS − 47.288
7	16142	5381		852.8		16323	5441		844.6	DIFF IN ELEVATION − 0.17
	5857		442			5898		493		
	5415		443			5405		490		
	4972		885	2		4915		983	3.0	
8	16244	5415		944.3		16218	5406		942.9	
	5702		547			5751		531		
	5155		545			5220		529		B.M. 5-45 (US 3747) (5615
	4610		1092	1		4691		1060	9.0	SEE F.B. 1206-43
9	15467	5156		1056.5	86°	15662	5221		1048.9	FOR DESCRIPTION
		47.118					47.288			

F.B. 1206 PG. 212

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. E. NAUMANN Weather SMOGGY Inst. No. 50012
Notes by G. E. DREIER Time 11:25 Rod No. 798

Name L.A.C. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-45 To B.M. 5-44
Date
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
	5754		531		F7	5704		544		
	5223		530			5160		546		B.M. 5-45 (U.S. 3747 J 515)
	4693		106.1			4614		109.0		SEE F.B. 1206-13
1	15670	5.223		106.1	86°	15478	5.159		109.0	FOR DESCRIPTION
	5890		481			5869		449		
	5409		481			5420		452		
	4928		962			4968		901		
2	16227	5.409		202.3		16257	5.419		199.8	
	5859		416			5852		470		
	5443		413			5382		472		
	5030		829			4910		942		
3	16332	5.444		285.2		16144	5.381		293.8	
	6110		655			6050		640		
	5455		653			5410		640		
	4802		1308			4770		1280		
4	16367	5.456		416.0		16230	5.410		421.8	
	6012		655			5905		644		
	5357		655			5261		646		
	4702		1310			4615		1290		
5	16071	5.357		547.0		15781	5.260		550.2	
		26.889					26.629			

F.B. PG.

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather SMOGGIE Inst. No. 50010
Notes by G. E. DREIER Time 11:25 Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-45 To B.M. 5-[illegible]
Date 10-19-51
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
	6035	26.889 ✓	655	547.0 ✓		6004	26.029 ✓	649	550.2 ✓ 3	
	5380		655			5355		650		
	4725		131.0 ✓			4705		129.9 ✓		SUMMATION OF RUN
6	16,140 ✓	5.380 ✓		678.0 ✓		16,064 ✓	5.355 ✓		680.+ ✓ 2	B.M. 5-45 TO B.M. 5-[illegible]
	5853		651			6080		645		
	5,202		654			5,435		648		TOTAL BACKSIGHTS +47,2[illegible]8 ✓
	4,548		130.5 ✓			4,787		129.5 ✓		TOTAL FORESIGHTS - 47,0[illegible]9 ✓
7	15,603 ✓	5.201 ✓		808.5 ✓		16,302 ✓	5.134 ✓		809.4 ✓ 5 ✓	DIFF IN ELEVATION + 0.179 ✓
	5551		651			6515		647		
	4,900		651			5,868		648		
	4249		130.2 ✓			5220		129.5 ✓		
8	14,700 ✓	4,900 ✓		938.7 ✓		17,603 ✓	5.868 ✓		938.9 ✓ 9.0	
	5437		559			4,338		556		
	4,878		558			3,782		554		B.M. 5-44 (B.M. 1 L.A.C.R.D.)
	4320		111.7 ✓			3,228		111.0 ✓		SEE F.B. 1206-41,42
9	14,635 ✓	4,878 ✓		1050.4 ✓	86°	11,348 ✓	3.783 ✓		1049.9 ✓ 50.0	FOR DESCRIPTION
		47.248 ✓					47.069 ✓			

F.B. 1206 PG. 244

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 1:15-3:00 P.M. Rod No. 778

Name L.A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 5-45 To BM 5-46
Date 10-19-51
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
	5799		640		#7	5121		650		
	5159		640			5171		649		BM 5-45 (U.S. 747) (1615)
	4519		1280			4522		1299		SEE F.B. 1206-48
1	15477	5159		1280	91°	15514	5171		1299	FOR DESCRIPTION
	5001		651			4733		644		
	4357		650			4089		641		X G.E. DRIER
	3707		1301			3448		1285		
2	13065	4357		2581		12270	4090		2584	
	5099		655			5128		645		
	5034		659			5183		647		
	4311		1308			4586		1292		
3	15104	5035		3889		15547	5182		3876	
	4761		654			4707		645		
	4107		654			4062		646		
	3453		1308			3416		1291		
4	12321	4107		5197		12185	4062		5167	
	5074		653			5144		657		
	4421		655			4487		659		
	3766		1308			3828		1316		
5	12261	4420		6505		13459	4486		6483	
		23.078					22.991			

F.B. ____ PG. ____

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:15-3:00 PM Rod No. 7 & 8

Name LA Co Precise Level Net
Job No. 4923
From BM 5-45 To BM 5-4
Date 10-19-51
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
	5147	23.078	645	650.5		5448	[illegible]	646	648.3	
	4502		644			4802		646		
	3858		1289			4156		1292		
6	13507	4.502		7794		14406	4.802		7775	
	4658		658			5548		650		
	4000		660			4898		650		
	3340		1318			4248		1300		
7	11998	3.999		9112		14694	4.898		9075	
	4087		898			6043		721		
	3181		898			5322		720		
	2291		1796			4602		1441		
8	9567	3.189		10908		15967	5.322		10516	
	4351		603			5763		671		
	3748		606			5092		669		
	3142		1209			4423		1340		
9	11241	3.747		12117		15278	5.093		11856	
	4302		611			5720		682		
	3691		611			5038		682		
	3080		1222			4356		1364		
10	11073	3.691		13339		15114	5.038		13220	
		42.206					48.144			

F.B. 1206 PG. 246

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 1:15-3:00 P.M. Rod No. 7 & 8

Name L A Co PRECISE LE[illegible] NET
Job No. 4923
From BM 5-45 To B[illegible] 5-46
Date 10-17-51
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
	4206	42.206	633	1333.9		5617	48.144	688	1322.0	
	3573		631			4929		687		
	2942		1264			4242		1375		
11	10721	3.574		14603		14788	4.929		1459.5	
	5701		650			5552		655		
	505[illegible]		649			4897		655		
	4402		1299			4242		1310		
12	15154	5.051		15902		14691	4.897		1590.5	
	5975		645			459[illegible]		655		
	5330		646			3944		655		
	4684		1291			3289		1310		
13	15989	5.33[illegible]		17173		11832	3.944		1721.5	
	6860		649			4111		655		
	6211		649			3456		658		
	5562		1298			2798		1313		
14	18633	6211		18491		10365	3.455		18528	
	6860		659			4503		645		
	6201		659			3858		645		
	5542		1318			3213		1290		
15.	18603	6.201		19809		11574	3.858		19818	
		68.573					69.227			

F.B. [illegible] PG. [illegible]

FORM 375 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:15-3:00 P.M. Rod No. 7 & B

Name L.A.Co. PRECISE LEVEL [illegible]
Job No. 4923
From BM 5-45 To BM 5-4
Date 10-19-51
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
	6772	68.573	650	1980.9		4256	[illegible].227	653	1981.8	
	6122		651			3603		652		
	5471		1301			2951		1305		
16	18365	6.122		21110		10810	3.603		21123	
	6433		651			4310		644		
	5782		651			3666		646		
	5131		1302			3020		1290		
17	17346	5.782		22412		10996	3.665		22413	
	7162		651			6024		647		
	6511		650			5377		647		
	5861		1301			4730		1294		
18	19534	6.511		2371.3		16131	5.[illegible]7		2370.7	
	6353		150			7390		732		
	5603		750			6658		73[illegible]		
	4853		1500			5927		1463		
19	16809	5.603		2521.3		19975	6.[illegible]8		2517.0	
	6550		638			5303		657		
	5912		637			4646		657		
	5273		1277			3989		1314		
20	17735	5.912		2649.0		13938	4.6[illegible]		2648.4	
		98.503					93.176			

F.B. 1206 PG. 248

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:15-3:00 PM Rod No. 7 & 8

Name [illegible] PRECISE LEV. NET
Job No. 4923
From BM 5-45 To [illegible] 5-46
Date 10-19-51
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
	5819	98.503 ✓	660	26490 ✓		4879	93.176 ✓	640	2648.4 ✓	
	5159		660			4239		643		
	4499		1320 ✓			3596		1283 ✓		
21.	15477 ✓	5159 ✓		27810 ✓		12714 ✓	4238 ✓		27767 ✓	
	6077		646			5192		656		
	5431		647			4536		656		
	4784		1293 ✓			3880		1312 ✓		
22.	16292 ✓	5431 ✓		29103 ✓		13608 ✓	4536 ✓		29079 ✓	
	5033		642			6259		663		
	4391		641			5596		665		
	3750		1283 ✓			4931		1328 ✓		
23	13174 ✓	4391 ✓		30386 ✓		16786 ✓	5595 ✓		30407 ✓	
	4227		649			5203		655		
	3580		649			4548		657		
	2931		1298 ✓			3891		1312 ✓		
24	10740 ✓	3580 ✓		31684 ✓		13642 ✓	4547 ✓		31719 ✓	
	5854		511			5618		507		
	5343		511			5111		506		
	4832		1022 ✓			4605		1013 ✓		
25.	16029 ✓	5343 ✓		32706 ✓		15334 ✓	5111 ✓		32732 ✓	
		122407 ✓					117203 ✓			

F.B. [illegible] PG. [illegible]

FORM 299 5M 7/40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
[illegible] HALL OF RECORDS

ANY ADDITIONS [illegible] IN THIS SHEET MUST [illegible] IN RED INK [illegible] OF PERSON [illegible]

1206

[illegible] TEND [illegible] THE [illegible]

Chief of Party H. F. [illegible] Weather [illegible] Inst. No. [illegible] Name [illegible]
Notes by S. [illegible] Time [illegible] Rod No. [illegible] Job No. 4925
From BM 5-45 To BM 5-46
Date 10-19-51
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	[illegible]	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5167	122.407	394	32.706		6340	117.203	366	32.73.2	
	4773		391			5974		366		BM 5-46
	4382		785			5608		732		SEE F.B. [illegible]-44
26	14322	4.774		33494	74.5	17922	5.774		33464	FOR DESCRIPTION
										SUMMATION OF RUN BM 5-45 TO BM 5-[illegible]
										TOTAL BACKSIGHTS +127.[illegible]
										[illegible] SIGHTS -123.[illegible]
										DIFF. IN ELEVATION +4.[illegible]
		127.18[illegible]					123.177			

F.B. 1206 PG. 250