Notes Ck'd by	Survey of L.A. Co. PRECISE LEVEL NET
Map No.	W. O. Tape No. St'd. °F
Office Work	Surveyed by
Checked	Notes Date 2-26-53
Date	Indexed L. O. Johnson 8-22-53

F. B. 1393 Pg. 5

JOB NO. 4923

LINE NO. 27

L.A. CO. PRECISE LEVEL NET

G. DREIER
E. LANDA
M. SONNENSCHEIN
T. OHASHI
H. BLACK
R. HEMPFUNG
D. KEVELIN

Microfilmed Dec '87
P.W. Dept. file o.k.

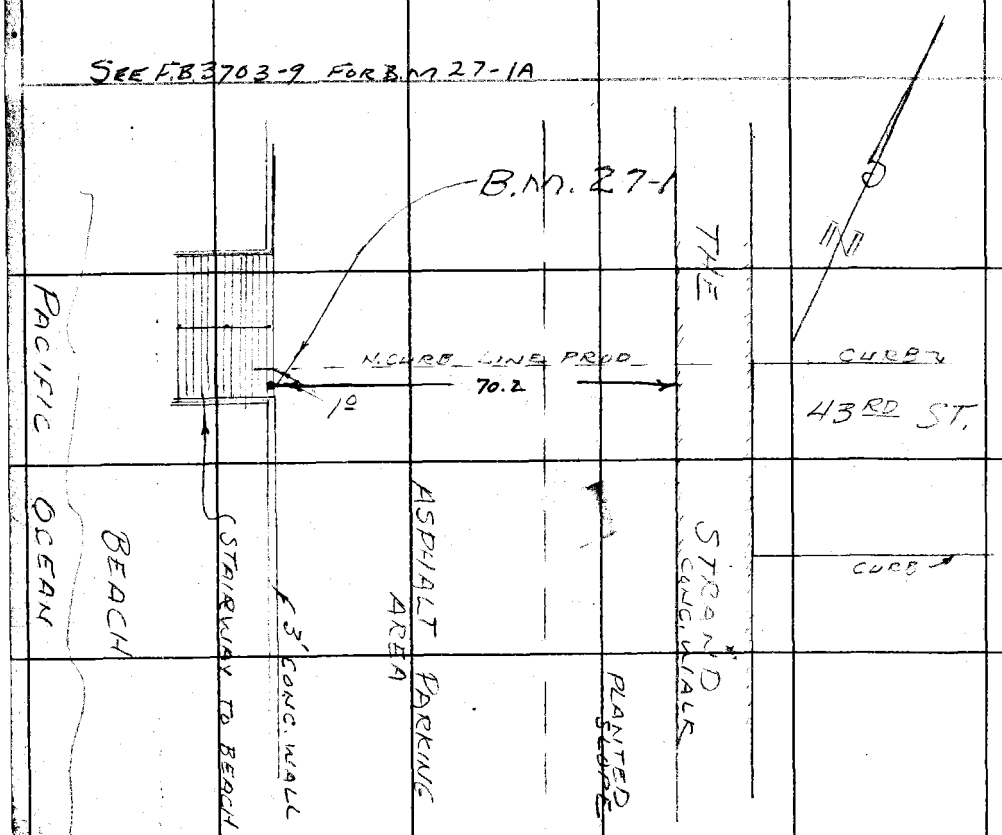
F. B. 1393 PG. 6

FEB 22 Oct 1961

B.M. 27-1 (U.S. 3802 V-767)
AT MANHATTAN BEACH, AT THE INTERSECT. OF THE STRAND AND 43RD ST, 70.2' S.W. OF THE S.W. EDGE OF THE STRAND, 1' S.E. OF THE N.W. CURB OF 43RD ST, (PROD) AND IN THE NEXT TO TOP STEP OF THE LAST STEPS LEADING DOWN TO THE OCEAN BEACH. A ~~STD.~~ USC&GS 3½" Brass Bench Mark DISK, STAMPED "V-767 1945"

L.A. Co. 1953 Adj. Elev.: 23.881'

SEE F.B. 3703-9 FOR B.M. 27-1A



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

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Office Work	W. O. 4923 Tape No. St'd. °F
Checked	Surveyed by G. E. DREIER
Date	Notes G. E. DREIER Date 4-8-53
	Indexed A. C. Johnson

F. B. 1393 PG. 9

B.M. 27-5

VISTA DEL MAR AT HYPERION, A STD. L.A. CITY MON, 3/4 INCH HEXAGON BAR, SET IN CONCRETE 11 INCHES BELOW THE SURFACE, ON THE ℄ OF VISTA DEL MAR IN FRONT OF THE CENTER OF THE HYPERION ADMINISTRATION BLDG, IN A WELL PROTECTED BY A CAST IRON COVER.

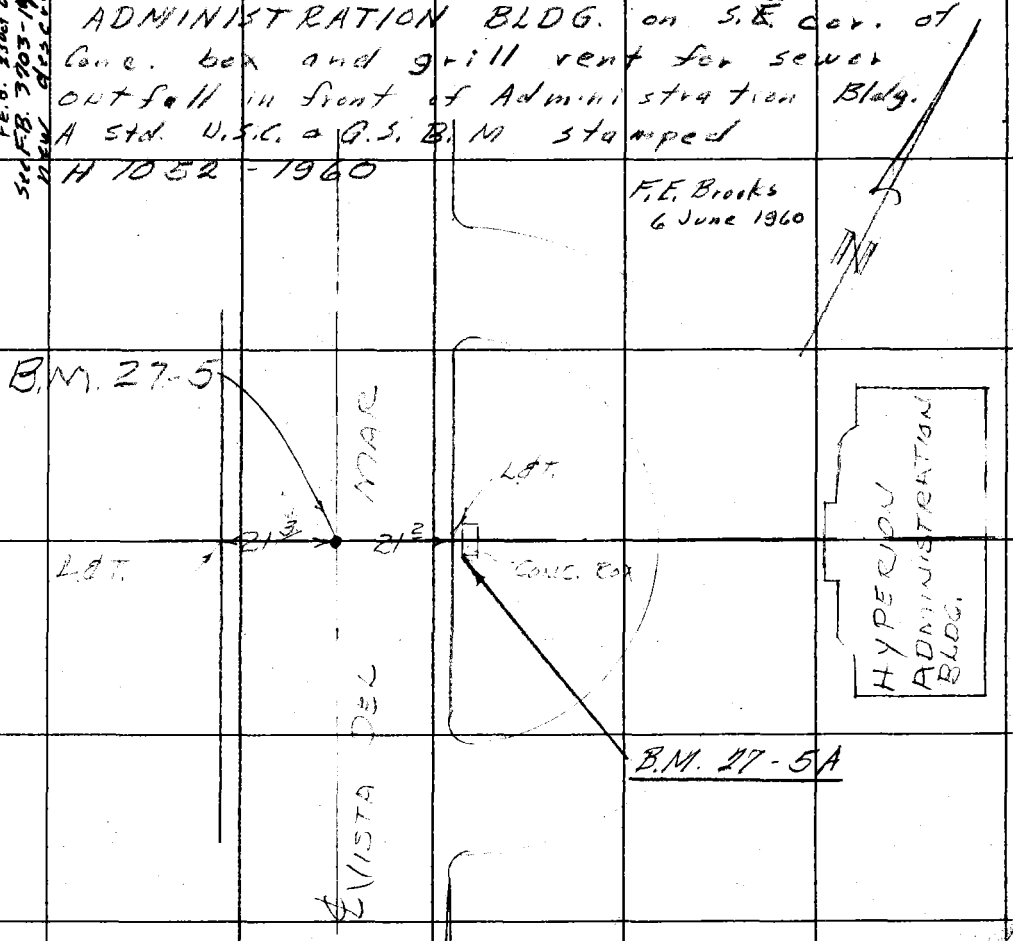
L.A.Co. 1953 Adj. Elev = 36.981

BM 27-5A. (U.S.C. & G.S. B.M. H1052)

VISTA DEL MAR and HYPERION ADMINISTRATION BLDG. on S.W. cor. of Conc. box and grill vent for sewer outfall in front of Administration Bldg. A Std. U.S.C. & G.S. B.M stamped H 1052 - 1960

F.E. Brooks
6 June 1960

F.E.B. 23 Oct 64
See F.B. 3703-17 for BM 27-5 & BM 27-5A new descriptions F.E.B. 23 Oct 64



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76F309S 247 2-51

F. B. 1393 PG. 10

F.E. Brooks
6-22-60

B.M. 27-6 (L.A. CITY · VENICE H-9)

VISTA DEL MAR AT ~~HYPERION TRUCK ENT. RANCE~~ IMPERIAL HWY, A STD. CITY OF LOS ANGELES BRASS DISK "VENICE H-9 1951" SET IN CONCRETE 10" INCHES BELOW THE SUR. FACE, 2.2 FT WEST OF THE CENTER OF VISTA DEL MAR AND 24.8 FT N.W'LY FROM THE ℄ OF A TRUCK ENTRANCE TO HYPERION, IN A WELL PROTECTED BY A CAST IRON COVER

See F.B. 3703-19 for new description 23 Oct 1964 F.E.B.

L.A. Co. 1953 Adj. Elev: 42.986'

B.M. 27-7 (U.S. 3799 U-767)

IN LOS ANGELES, L.A. Co., ~~ABOUT 2.1 MI. S.E. ALONG VISTA DEL MAR FROM THE INTERSECTION OF CULVER BLVD. AT PLAYA DEL REY, ABOUT 1500 S.E. OF THE INTERSECTION OF RILLGORE AVE.~~ in the intersection of VISTA DELMAR and IMPERIAL HWY in the N.E. Cor. 32' N.E. OF THE ℄ OF VISTA DELMAR, IN THE CENTER OF THE N.E. SIDE OF A CATCH BASIN, AND 3.8' N.E. OF THE S.W. EDGE, A STD. DISK STAMPED "U-767 1945"

F.E. Brooks 6 June 1960

~~Not~~ Mark gone 23 Oct 64 F.E.B.

L.A. Co. 1953 Adj. Elev.: 43.170'

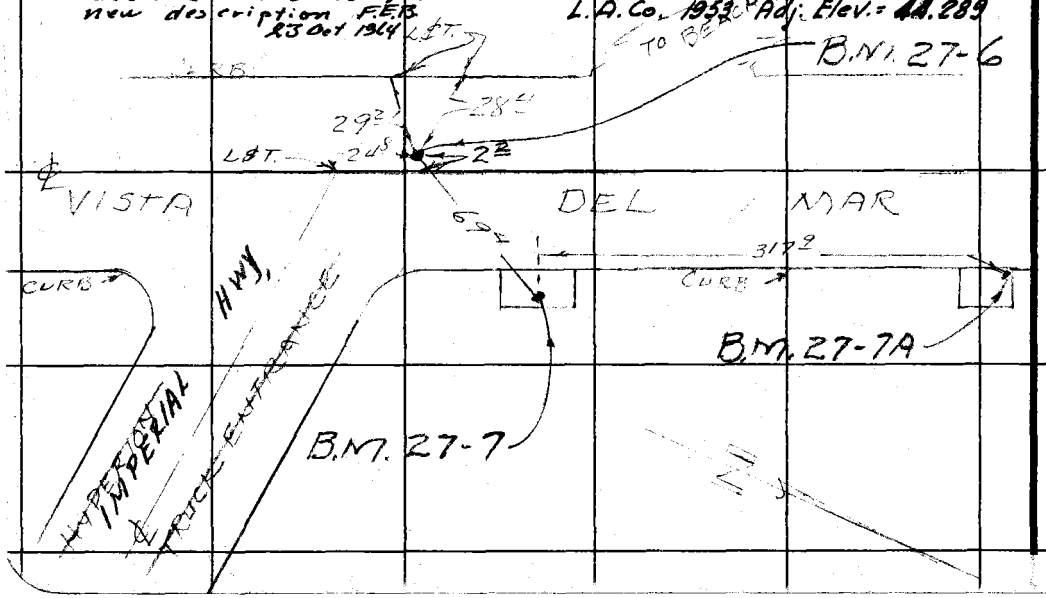
B.M. 27-7A (U.S. 3799 R) [illegible]

IN LOS ANGELES, L.A. Co., ~~ABOUT 2.0 MI. S.E. ALONG VISTA DEL MAR FROM THE INTERSECTION OF CULVER BLVD. AT PLAYA DEL REY, ABOUT 1000 S.E. OF THE INTERSECTION OF RILLGORE AVE.~~ VISTA DEL MAR and IMPERIAL HWY in the N.E. Cor. approx. 317 ft. Northly of Imperial Hwy. and 0.6 N.E. OF THE N.E. CURB OF VISTA DEL MAR, AND IN THE N.W. COR. OF A CATCH BASIN. A CUT SPIKE.

F.E. Brooks 6 June 1960

See F.B. 3703-19 for new description F.E.B. 23 Oct 1964

L.A. Co. 1953 Adj. Elev.: 44.289



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Date

L.A. CO. PRECISE LEVEL NET
Survey of
W. O. 4923 Tape No. St'd. °F
Surveyed by C.E. DREIER
Notes C.E.D. Date 4-8-53
Indexed E. C. Johnson

F.B. 1393 PG. 11

B.M. 27-8 (L.A. CITY VENICE 11-8 D)

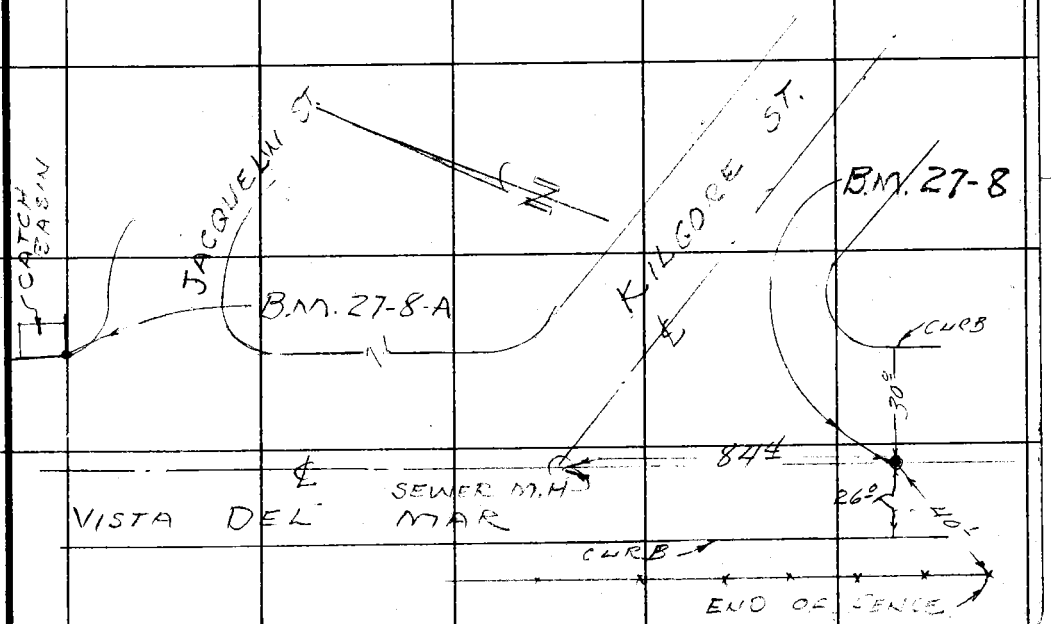
VISTA DEL MAR AND KILGORE ST., A STD. CITY OF L.A. MON, 3/4" HEX BAR SET IN CONC. 14 INCHES BELOW THE SURFACE, 84.4 FT. S. E'LY FROM A MAN HOLE AT ℄ INTERSECTION, AND 26.0 E'LY FROM THE W'LY CURB AND 30.0 FT W'LY FROM THE E'LY CURB OF VISTA DEL MAR, IN A WELL PROTECTED BY A CAST IRON COVER.

L.A.Co. 1953. Adj. Elev = 46.201

B.M. 27-8A (U.S. 3797) (CITY L.A. C.S. SPK.)

~~IN LOS ANGELES, L.A.Co., ABOUT 1.7 MI. S.E. ALONG~~ VISTA DEL MAR ~~FROM THE INTERSECTION OF SULVER BLVD. AT PLAYA DEL REY AT THE INTERSECTION OF~~ and JACQUELIN ST. (N.E. cor.), 61.5' N.W. OF THE PROLONGATION OF THE ℄ OF JACQUELIN ST., AT THE S.W. COR OF A CATCH BASIN AND IN THE N.E. CURB OF VISTA DEL MAR. A CUT SPK.

L.A.Co. 1953 Adj. Elev = 49.287



FEB. 2 Nov. 64

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76F309S 247 2-51

F.B. 1393 PG. 12

F.E.B. 2 Nov. 64

B.M. 27-9 (U.S. 3796 T 767)

~~IN LOS ANGELES, L.A.Co., ABOUT 1.6 MI. S.E. ALONG~~

VISTA DEL MAR ~~FROM THE INTERSECTION OF CULVER~~

~~BLVD AT PLAYA DEL REY, AT THE INTERSECTION~~

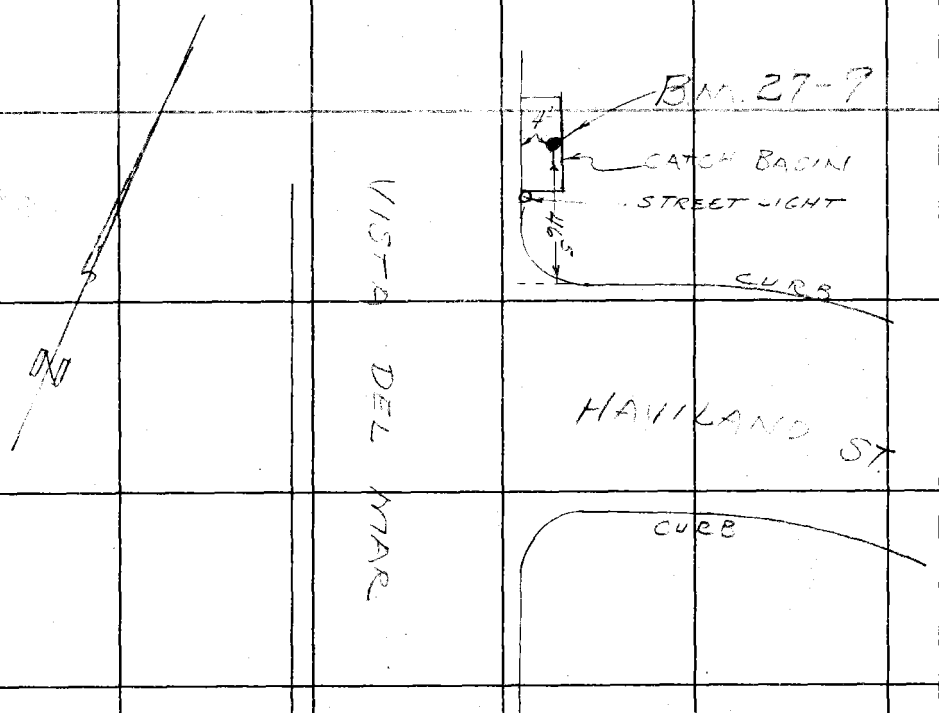
~~OF~~ and. HAVILAND ST., 46.5' N.W. OF THE N.W. CURB OF N.E. Cor.

HAVILAND ST., 4.1' N.E. OF THE N.E. CURB OF VISTA

DEL MAR, AND IN THE ~~S.E. COR.~~ MIDDLE, OF A CATCH BASIN.

A ~~STD.~~ USC.&G.S. 3½" Brass Bench Mark DISK STAMPED "T-767 1945".

L.A.Co. 1933 Adj. Elev: 51.766'



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Checked	Notes C.E. DREIER Date 2-26-53
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F.B. 1393 PG. 7

B.M. 27-2 (U.S. 1278 R-50)

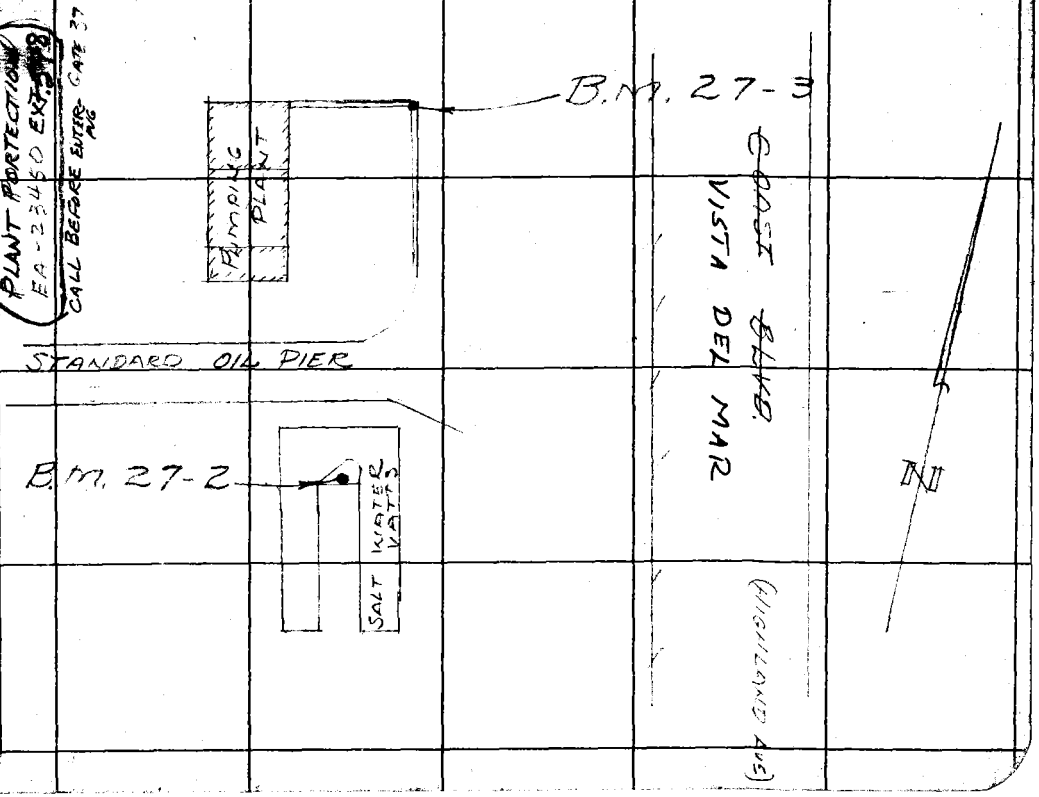
AT EL SEGUNDO ABOUT 2.0 MILES N.W. ALONG THE PACIFIC ELEC. RAILWAY FROM MANHATTAN PIER AT MANHATTAN BEACH, L.A. Co., AT THE SHORE END OF THE STD. OIL Co. PIER AND REFINERY, AT THE N.W. END OF THE MIDDLE CONCRETE WALL OF TWO CONCRETE SALT WATER SETTLING VATS, AND IN THE TOP OF A LARGE CONCRETE REINFORCING BLOCK. A ~~STD.~~ USC&GS 3½ Brass Bench Mark DISK, STAMPED "R 50 1925"

L.A. Co. 1953 Adj. Elev: 13.312.

B.M. 27-3 (U.S. 2785 TIDAL 2)

AT EL SEGUNDO PIER, ABOUT 2.0 MI. N.W. ALONG THE P.E. R.R. FROM THE MANHATTAN PIER AT MANHATTAN BEACH, L.A. CO., AT THE STD. OIL Co. PIER AND REFINERY AT THE NORTH COR OF THE PUMPING PLANT, AND IN THE TOP OF THE CONCRETE RETAINING WALL. A ~~STD.~~ USC&GS Bench Mark 3½ Brass DISK, STAMPED 2 1933".

L.A. Co. 1953 Adj. Elev: 16.453



PLANT PORTECTION EA-23450 EXT. 3-8
CALL BEFORE ENTER- GATE 37 PIG

FEB 23 Oct 64

FEB 23 Oct 64

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76F3095 247 2-51

F. B. 1395 PG. 8

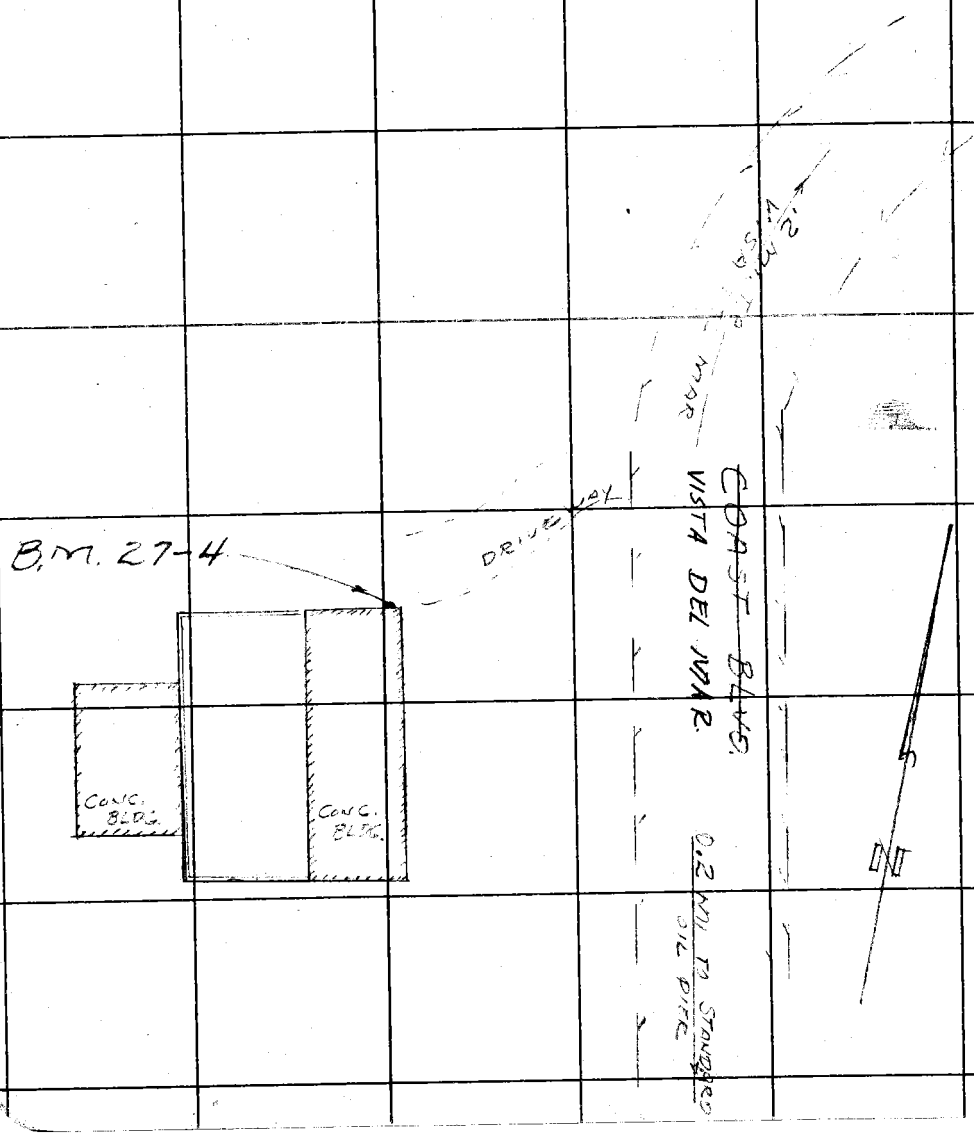
F.E.B. 27 Oct 1924

B.M. 27-4 (U.S. 3800 B-768)

AT EL SEGUNDO, L.A. CO. ABOUT 0.3 MI. S.E. OF THE JUNCTION OF COAST BLVD. AND VISTA DEL MAR, AT THE N.E. COR OF A STD. OIL COMPANY SALT WATER PUMPING STATION, 0.6' S.W. OF THE CO. AND ABOUT 3' ABOVE THE GROUND. A ~~STD.~~ DISK STAMPED "B 768 1945" AND SET VERTICALLY.

USC&GS 3½ Brass B.M.

L.A.Co. 1953 Adj. Elev: 24.453



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Checked	Notes G. E. DREIER Date 4-8-53
Date	Indexed A. C. Johnson

F. B. 1393 PG. 13

FEB 2 Nov 64

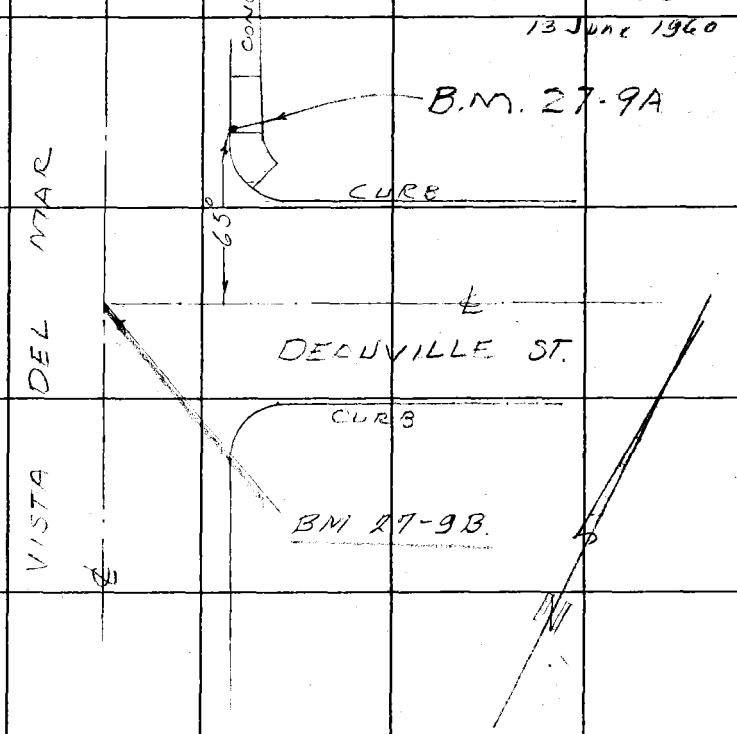
B.M. 27-9A (U.S. 3795) (CITY OF L.A. C.S.M.)
~~IN LOS ANGELES, L.A.Co., ABOUT 1.3 MI. S.E. ALONG~~
VISTA DEL MAR ~~FROM THE INTERSECTION OF CULVER BLVD. AT PLAYA DEL REY AT THE INTERSECTION OF~~
DEAUVILLE ST., N.E. Cor. 65 N.W. OF THE ℄ OF DEAUVILLE ST. AT THE S.W. COR OF A CATCH BASIN, AND IN THE N.E. CURB OF VISTA DELMAR. A CUT SPIKE.

L.A.Co. 1953 Adj. Elev= 55.980 ✓

FEB 2 Nov 64

B.M. 27-9B
~~In Los Angeles, L.A.Co. at~~ VISTA DEL MAR and DEAUVILLE ST. ℄ inter. a 3/4 inch hex bar in Conc. ~~12~~ 12" inches below surface protected by a cast Iron cover marked City of L.A. Engineering. MONUMENT

F.E. Brooks
13 June 1960



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76F309S 247 2-51

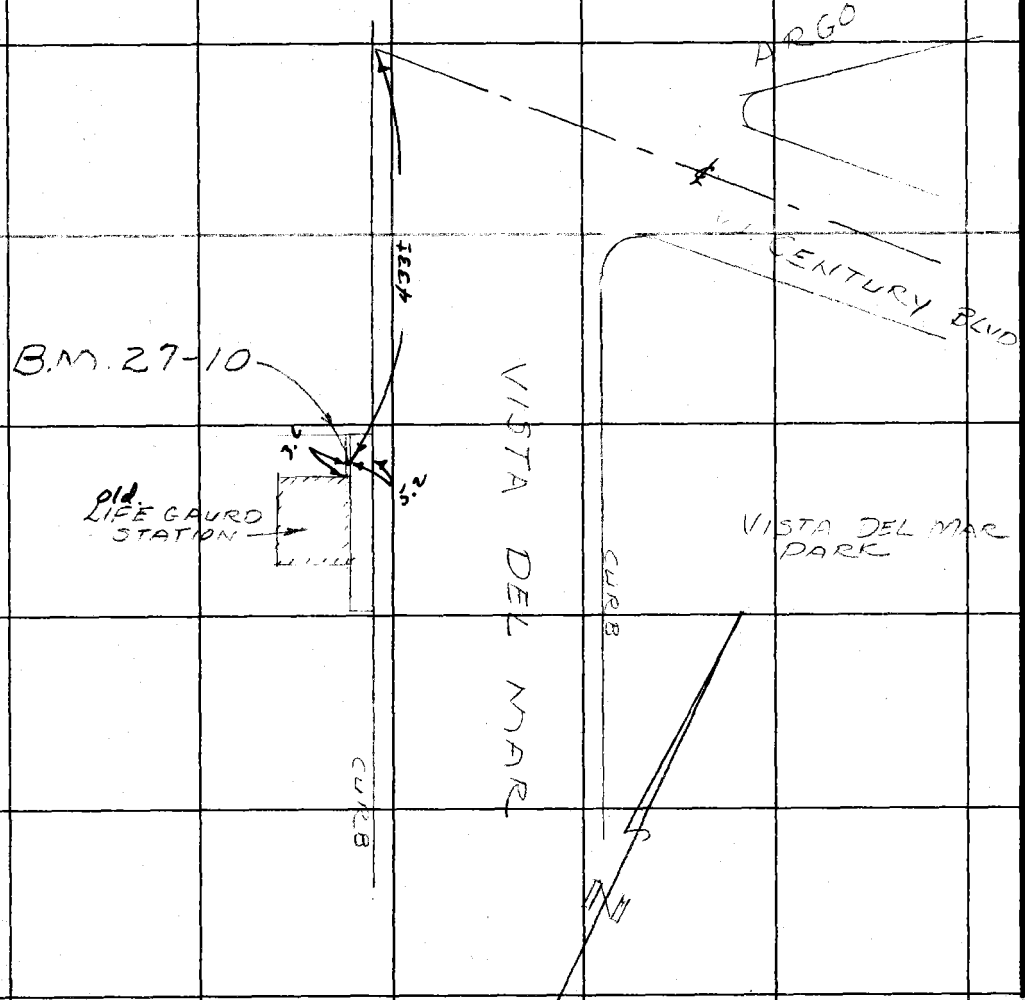
F.B. 1393 PG. 14

B.M. 27-10 (U.S. 3793 R-767)

~~IN LOS ANGELES, L.A. CO., ABOUT 1.1 MI. S.E. ALONG~~ VISTA DEL MAR W. side ~~FROM THE INTERSECTION OF CULVER BLVD. AT PLAYA DEL REY,~~ ABOUT 4 ~~3~~33' S.E. ALONG THE S.W. CURB OF VISTA DEL MAR FROM THE INTERSECTION OF THE PROLONGATION OF THE ℄ OF WEST CENTURY BLVD., 5.2' S.W. OF THE CURB, 3.6' N.W. OF THE N.E. COR. OF old LIFE GUARD STATION, IN THE TOP OF A HEAD WALL, AND ABOUT 6" HIGHER THAN THE SIDEWALK. A USC+GS 3½ Brass Bench Mark ~~STD.~~ DISK, STAMPED "R 767 1945."

L.A. Co. 1953 Adj. Elev= 49.881

F.E.B. 2 Nov 64



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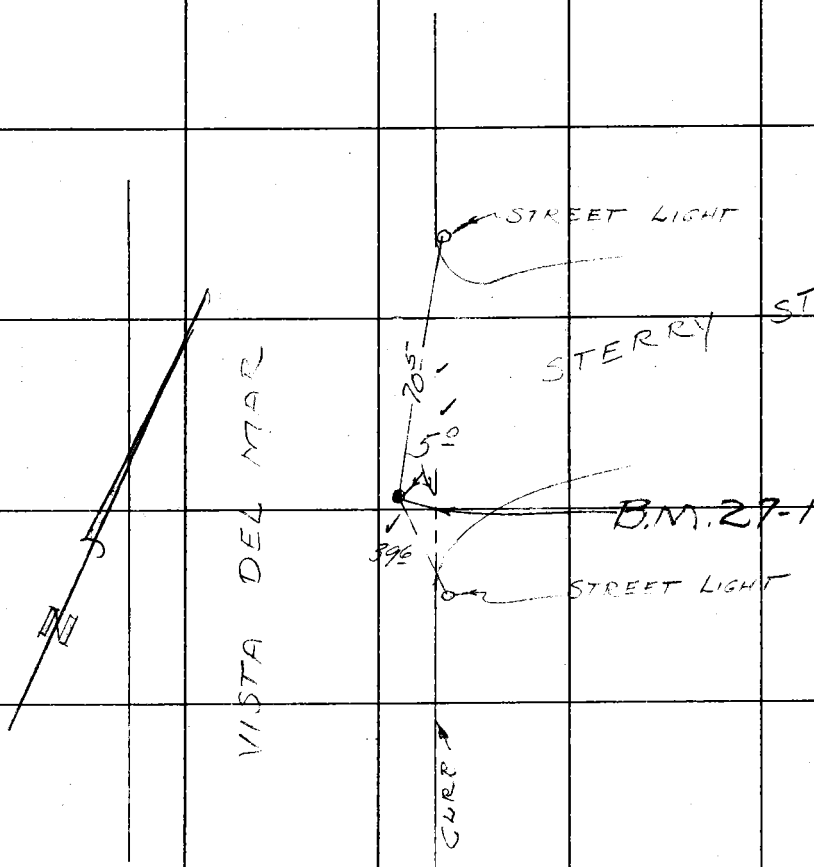
Surveyor
W. O. 4923 Tape No. St'd. °F
Surveyed by G.E. DREIER
Notes G.E. DREIER Date 4-8-55
Indexed A. C. Johnson

F. B. 139.8 Pg. 15

B.M. 27-11 (L.A. CITY VENICE 6-7)

VISTA DEL MAR AND STERRY ST., A STD. CITY OF L.A. MON. 3/4 INCH HEX BAR SET IN CONC. 11 INCHES BELOW THE SURFACE, 5 FT. S.WLY FROM THE PROLONGATION OF THE N.E'LY CURB OF VISTA DEL MAR AND 70.5 FT SOUTH OF A STREET LIGHT AT N.E. COR OF INTERSECTION AND 39.6 FT N.W'LY FROM A STREET LIGHT AT S.E'LY COR OF INTERSECTION, IN A WELL PROTECTED BY A CAST IRON COVER

L.A.Co. 1953 Adj. Elev. = 46.673'



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76F309S 247 2-51

F. B. 1393 PG. 16

F.E.B. 2 Nov 1964

B.M. 27-12 (U.S. 3785 S-767)

~~IN LOS ANGELES, L.A. Co, AT PLAYA DEL REY, AT THE INTERSECTION OF~~ VISTA DELMAR AND WATERVIEW ST., SE Cor 9.6' S. OF THE S. CURB OF WATERVIEW STREET, 9.5' N.E. OF THE N.E. CURB OF VISTA DEL MAR, IN A RETAINING WALL TO A ~~LAWN~~ AND ABOUT 2' HIGHER THAN THE SIDEWALK, A ~~STD.~~ USC&GS 3½" Brass Bench Mark, DISC STAMPED S-767 1945".

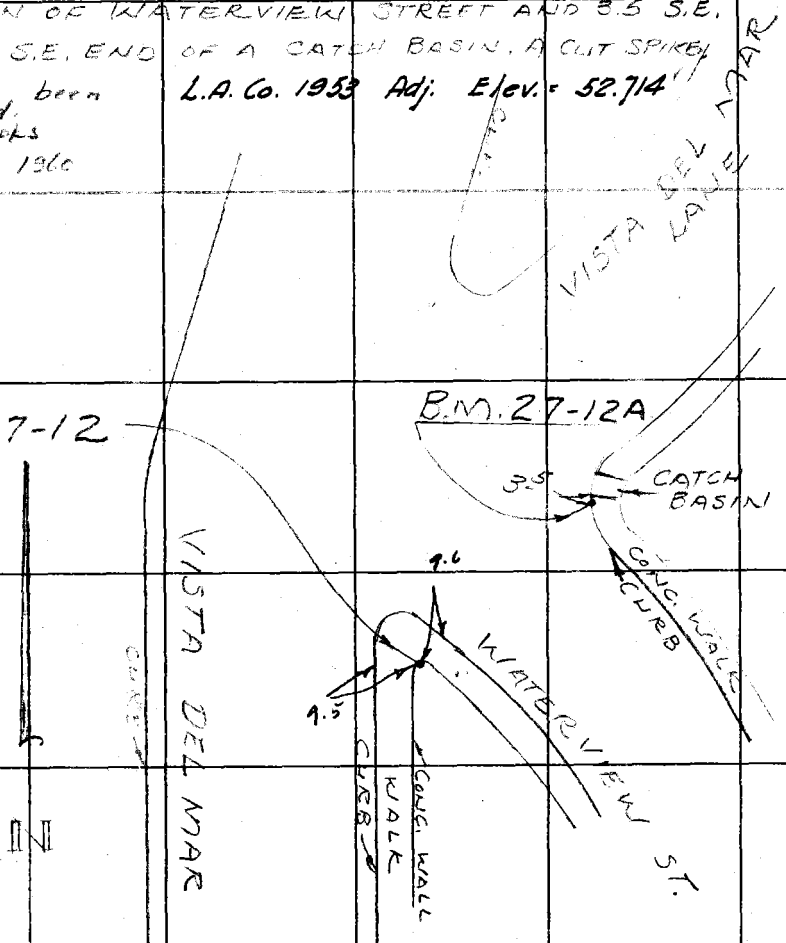
L.A. Co. 1953 Adj. Elev. = 54.834'

B.M. 27-12A (U.S. 3786) (C.L.A.)

IN LOS ANGELES, L.A. Co, AT PLAYA DEL REY, AT THE INTERSECTION OF VISTA DEL MAR AND WATERVIEW ST., IN THE N.E. CONCRETE CURB OF VISTA DEL MAR, NEAR THE CENTER OF THE CURB RETURN OF WATERVIEW STREET AND 3.5' S.E. OF THE S.E. END OF A CATCH BASIN, A CUT SPIKE.

Spk has been destroyed. F.E. Brooks 14 June 1960

L.A. Co. 1953 Adj. Elev. = 52.714'



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	Indexed A. C. Johnson

F.B. 1393 PG. 17

B.M. 27-13 (U.S. 1276 P-50)

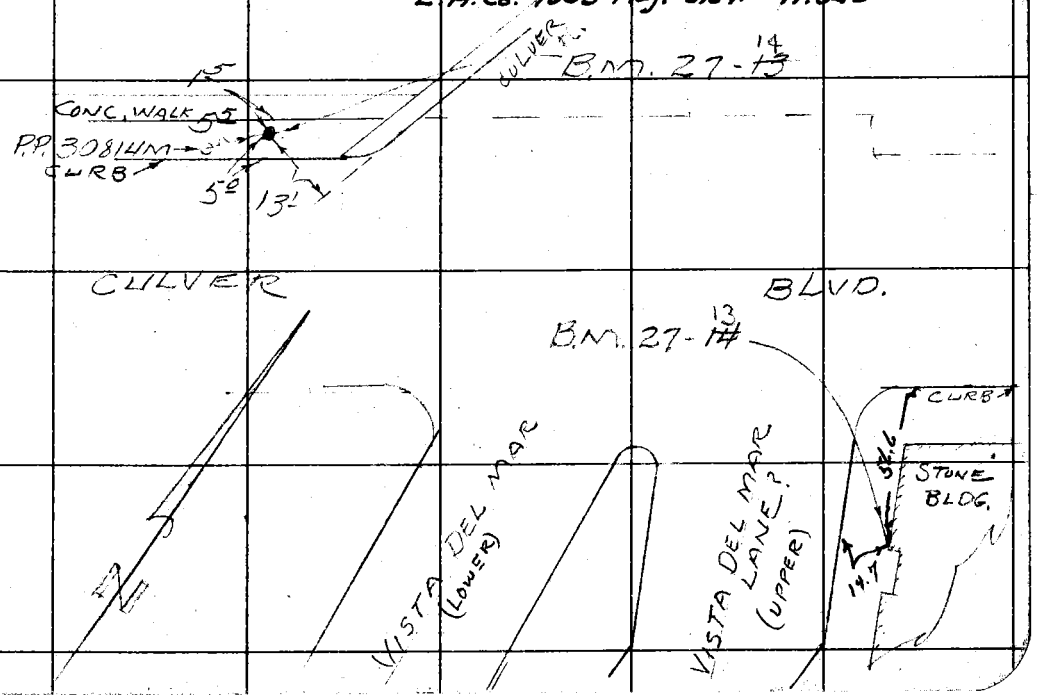
~~IN L.A., L.A. CO., AT PLAYA DEL REY, AT THE INTERSECTION OF~~ VISTA DEL MAR, VISTA DEL MAR LANE, AND CULVER BLVD., S.E. Cor. IN THE S.W. FACE OF A STONE BLOCK BUILDING, ~~59.2'~~ 56.6' S.E. OF THE S.E. CURB OF ~~THE BLVD.~~ Culver Blvd., 14.7 FT. N.E. OF THE N.E. CURB OF VISTA DEL MAR LANE, AND 3.2' HIGHER THAN THE SIDEWALK. A ~~STD.~~ U.S.C.&G.S. 3½ Brass Bench Mark DISK, STAMPED "P-50 1925" AND SET VERTICALLY.

L.A.Co. 1953 Adj. Elev = 19.148 ✓

B.M. 27-14 U.S. 3550 (CITY L.A. 26 M)

IN L.A. CO., AT PLAYA DEL REY, AT THE INTERSECTION OF CULVER BLVD. & VISTA DEL MAR, ~~15'~~ 13' N.W. OF THE N.W. CURB OF VISTA DEL MAR, 5' N. OF THE N. CURB OF CULVER BLVD., 3.5' N. OF POLE 536503E, AND 1.5' S. OF THE S. EDGE OF THE SIDEWALK. A CITY OF L.A. STD. DISK STAMPED "26 M 11.64" AND SET IN THE TOP OF A CONC. POST ABOUT LEVEL WITH THE SIDEWALK.

L.A.Co. 1953 Adj. Elev. = 11.042 ✓



See F.B. 3703-35 for FEB 2 Nov 1964 new descriptions FEB 2 Nov 1964

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76F309S 247 2-51

F.B. 1393 PG. 18

B.M. 27-15A (F.C. REF. B.M. 115-38)

BALLONA CREEK, S'LY SIDE, UPSTREAM SIDE OF PACIFIC AVE. BRIDGE; 45.69' S.E. OF B.M. 115-38 ON THE F.C. S'LY R/W, 32.5' UPSTREAM FROM ℄ OF PAVEMENT ON PACIFIC AVE, ~~5' UPSTREAM FROM A 2" I.P. 3' HIGH, MK'D "5' COMP. X-SEC. MON."~~ 76.5 ft S.E. of S.W. Cor. of Bridge A F.C. MON. 0.6' DEEP MK'D. "REF. B.M. 115-38 1948"

REF:- F.C. 1652-56

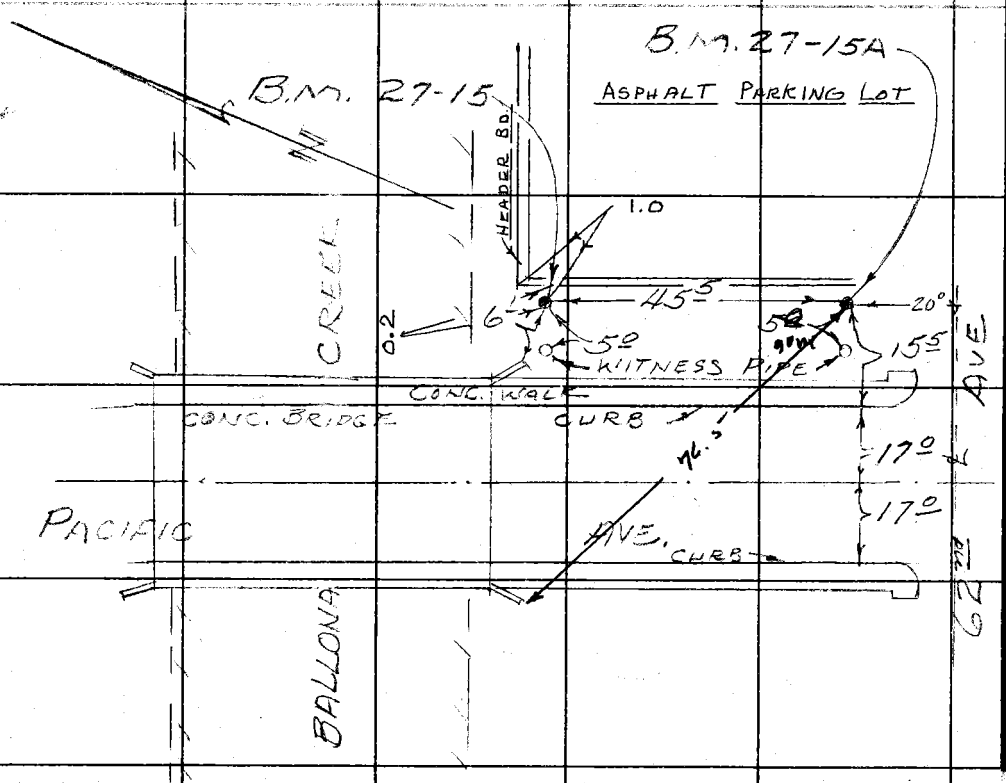
L.A. Co. 1953 Adj. Elev: 12.381'

B.M. 27-15A LOST IN CONSTRUCTION. 4-12-77 L.W. JONES

B.M. 27-15 (F.C. B.M. 115-38)

BALLONA CREEK, S'LY SIDE, UPSTREAM SIDE OF PACIFIC AVE BRIDGE, 32.5' UPSTREAM FROM ℄ OF PAVEMENT ON PACIFIC AVE, 5' UPSTREAM FROM A 2" I.P. 3' HIGH AND 6.1' FROM S.E. CORNER OF CONCRETE BRIDGE railing A F.C. MON. 0.6' DEEP MK'D "B.M. 115-38 1948" (NOTE:-THIS IS NOT F.C. DESCRIPTION)

L.A. Co. 1953 Adj. Elev: 13.004'



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Date	Notes E. LANDA Date 4-8-53
	Indexed A. C. Johnson

F. B. 1393 Pg. 19

B.M. 27-16 (F.C. B.M. 115-39)

N'ly side of Ballona Creek. Upstream side of Pacific Ave. bridge 49.72 ft S.E. of F.C. R/W & Ref. B.M. 115-39 32.5' upstream from C/L of Pavement on Pacific Ave. 5' upstream from a 2" I.P. marker. 3 ft. high A F.C. mon. 0.5' deep mk'd "B.M. 115-39 1948"

L.A. Co. 1953 Adj. Elev. = 13.561 ✓

gone 2 Nov 64 F.E.B.

B.M. 27-16 A (Ref. B.M. 115-39)

N'ly side of Ballona Creek. Upstream side of Pacific Ave. bridge 49.72 ft. N.W. of B.M. 115-39. On F.C. N'ly R/W. 32.5' upstream from C/L of pavement on Pacific Ave. 5' upstream from a 2" I.P. marker, mk'd "5 ft. - Comp. X-Sec. Mon." A F.C. mon. 0.4' deep mk'd "Ref. B.M. 115-39 1948"

L.A. Co. 1953 Adj. Elev = 12.428 ✓

gone 2 Nov. 64 F.E.B.

B.M. 27-17 (U.S. 3784 Q-767)

~~In Los Angeles, LA Co., about 2.2 mi SW of the P.O. at Venice, at~~ the Pacific Ave. bridge N.W. Cor. over Ballona Creek, in the top of a wing wall, 6.9 ft. SW of the SW curb of the Ave, 5.2 ft. SE of the NW end of the wing wall, and about level with the sidewalk. A ~~std~~ USC+GS 3½" Brass Bench Mark disk, stamped "Q 767 1945".

L.A. Co. 1953 Adj. Elev. = 16.928 ✓

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76F309S 247 2-51

F.B. 1393 PG. 20

gone 2 Nov 64 F.E.B.

F.E. Brooks 15 June 1960

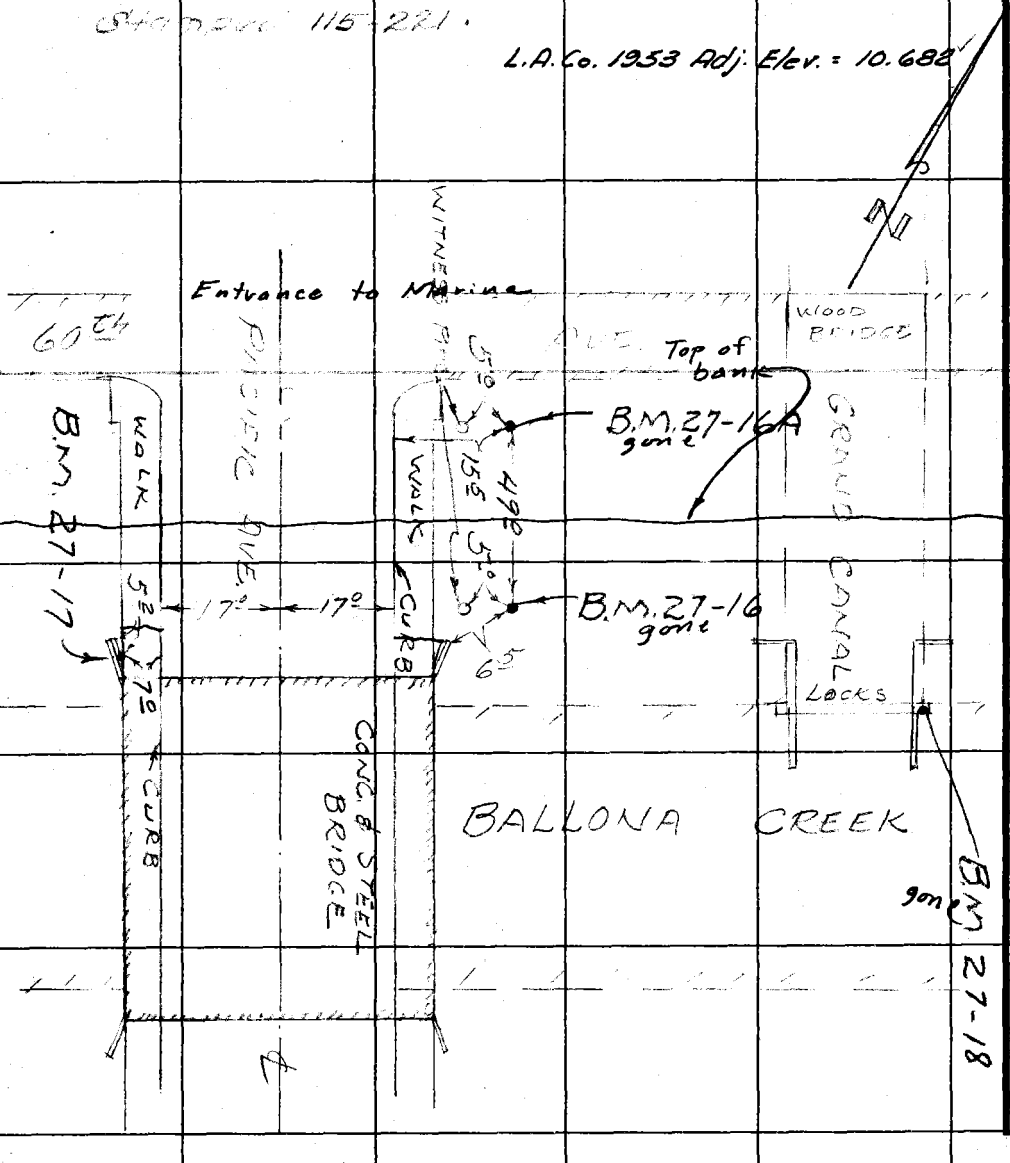
B.M. 27-18 (F.C. B.M. 115-221)

Ballona Creek Near ~~Speedway~~ PACIFIC AVE.

On the north levee approx. 300 ft. east of ~~the Speedway~~ PACIFIC AVE.

On the top of the concrete headwall of the outlet structure of the Grand Canal. 1.7 ft. from the east end of the structure. A std. F.C. disc subdivided in place. Stamped 115-221.

L.A. Co. 1953 Adj. Elev. = 10.682



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Office Work
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Date

L.A. CO. PRECISE LEVEL NET
Survey of 1928
W. O. Tape No. St'd. °F
Surveyed by G.E. DRIEBE
Notes E. LANDA Date 4-8-53
Indexed E. C. Johnson

F. B. 1375 Pg. 21

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SPC F.B. 37103-43 for NAVD Elev. Adj. per E.F.B. 4 Nov 1964

B.M. 27-19 (F.C. B.M. 115-222 A)
Ballona Creek on the N'ly side of and 800 ft. up stream from Pacific Ave. 57 ft. S'ly. from the N'ly. F.C. R.W. at Sta. 24+57 on the up stream side of a pipe line bridge 5 ft. S'ly. from toe of slope of the N'ly. levee. In top of and 1 ft. W'ly. from the E'ly. end of an old conc. footing 1.2 ft wide by 12 ft. long. A std. F.C. brass cap. Stamped "B.M. 115-222 A" L.A.Co. 1953 Adj. Elev. = 1.088

B.M. 27-20 (F.C. B.M. 115-20)
On the N'ly side of Ballona Creek 1000 ft. up-stream from Pacific Ave. bridge 165'± up-stream from pipe line bridge at Dell Ave. On the N'ly F.C. R/W 5 ft. down stream from a 2" I.P. marker mkd. "5-Comp. X-Sec. Mon." A F.C. mon. mk'd "B.M. 115-20 1948" 0.2' deep. L.A. Co. 1953 Adj. Elev. 10.392 Not recovered 4 June 1960 FEB

B.M. 27-21 (F.C. B.M. 115-22)
On the N'ly side of Ballona Creek 26.0 ft. N'ly from top of levee 1000 ft± downstream from pipe line bridge at Falmouth Ave. On the N'ly F.C. R/W. 5 ft. downstream from a 2" I.P. marker mk'd. "5 ft.-Comp. X-Sec. Mon." A F.C. mon 0.5' deep mk'd "B.M. 115-22 1948". L.A. Co. 1953 Adj. Elev = 9.231 Not recovered 4 June 1960 FEB

B.M. 27-22 (F.C. B.M. 115-223 A)
Ballona Creek on the N'ly side of ℄ 2200 ft. up stream from Pacific Ave. On the W'ly F.C. R/W at sta. 38+00. 1200 ft. downstream from pipe line suspension bridge at Falmouth Ave. 5 ft. up-stream from a 4 x 4 post ℄ 2 ft. down stream from a 2" iron pipe marker, stamped "2 ft. to B.M." A std. F.C. conc. mon. 0.7 ft. below surface stamped "115-223 A N.W.-R/W 1938" L.A.Co. 1953 Adj. Elev. = 8.788 not recovered 4 June 1960 F.E.B.

76F309S 247 2-51

F. B. 1393 PG. 22

B.M. 27-23 (F.C. B.M. 115-44)
On the N'ly side of Ballona Creek
400 ft ± down stream from pipe line bridge
at Falmouth Ave. On the N'ly F.C. R/W
26.5 ft. N'ly from top of levee. 5 ft. down-
stream from 2" I.P. marker mk'd "5 ft.
Comp. X-Sec. Mon." (237 FT. N.E. OF LONE POLE, ON N.R/W)
A F.C. Mon. 0.3 ft. deep mk'd "B.M. 115-44 1948"

L.A.Co. 1953 Adj. Elev. = 9.789'
not recovered 4 June 1960
F.E.B.

B.M. 27-24 (F.C. B.M. 115-46)
On the N'ly side of Ballona Creek
600 ft. ± up-stream from pipe line bridge at
Falmouth Ave. On the N'ly F.C. R/W
5 ft downstream from a 2" I.P. marker
mk'd "[illegible] X-Sec. Mon."
A F.C. Mon. 0.3 ft. deep mk'd "B.M. 115-46 1948"

L.A.Co. 1953 Adj. Elev. = 10.962'
not recovered 4 June 1960
F.E.B

B.M. 27-25 (F.C. B.M. 115-48)
On the N'ly side of Ballona Creek
1600 ft ± upstream from pipe line bridge
at Falmouth Ave.
Approx. 2200 ft. downstream from Culver Blvd.
On F.C. N'ly R/W. 26 ft ± from top of levee
5 ft. downstream from a 2" I.P. marker mk'd
"5' - Comp. X-Sec. Mon."
A F.C. Mon. 0-3 ft deep mk'd "B.M. 115-48 1948"

L.A.Co. 1953 Adj. Elev. = 11.462'
Not recovered 23 Nov 1964
F.E.B.

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Map No.	W.O. 8922 Tape No. St'd. °F	
Office Work	Surveyed by G.E. DREIER	
Checked	Notes PRECISE LEVELING Date 4-8-53	
Date	Indexed A. C. Johnson	

B.M. 27-26 (F.C. B.M. 115-225A)

BALLONA CREEK, ON THE N'LY. SIDE OF AND 1500 FT. DOWNSTREAM FROM CULVER BLVD., ON THE N'LY. SIDE F.C.R.W. LINE AND AT STA. 75+75.18, 150 FT. UPSTREAM FROM U.C.L.A. BOAT HOUSE, WHICH IS ON S'LY SIDE OF BALLONA CREEK, A STD. F.C. MON. 1.5 FT BELOW THE SURFACE, STAMPED, "B.M. 115-225A N.W. R.N. 1938"

REF:- F.C. 1552-2-3-13-51; S.D.C.B. 21-74; S.D.C.B. 21-86; S.D.C.B. 22-17.

L.A.Co. 1953 Adj. Elev. = 12.194 ✓

Not recovered 23 Nov 1964 F.E.B.

B.M. 27-27 (F.C. B.M. 115-52)

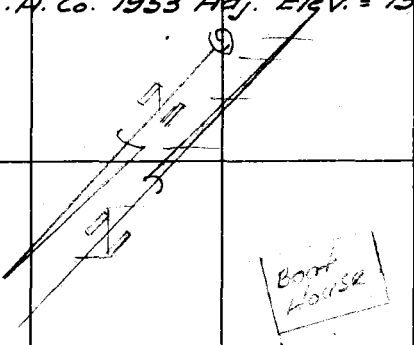
Ballona Creek on N'W F.C. R/W. At Compute Section No. 10. Station 76+25.

A F.C. mon marked B.M. 115-52, 1939.

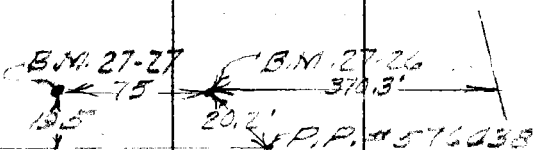
Ref. F.C. [illegible] 1-2-3-13-51; S.D.C.B. 22-17.

L.A. Co. 1953 Adj. Elev. = 13.094 ✓

not recovered
4 June 1960
F.E.B.



Ballona Creek



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76F3095 247 2-51

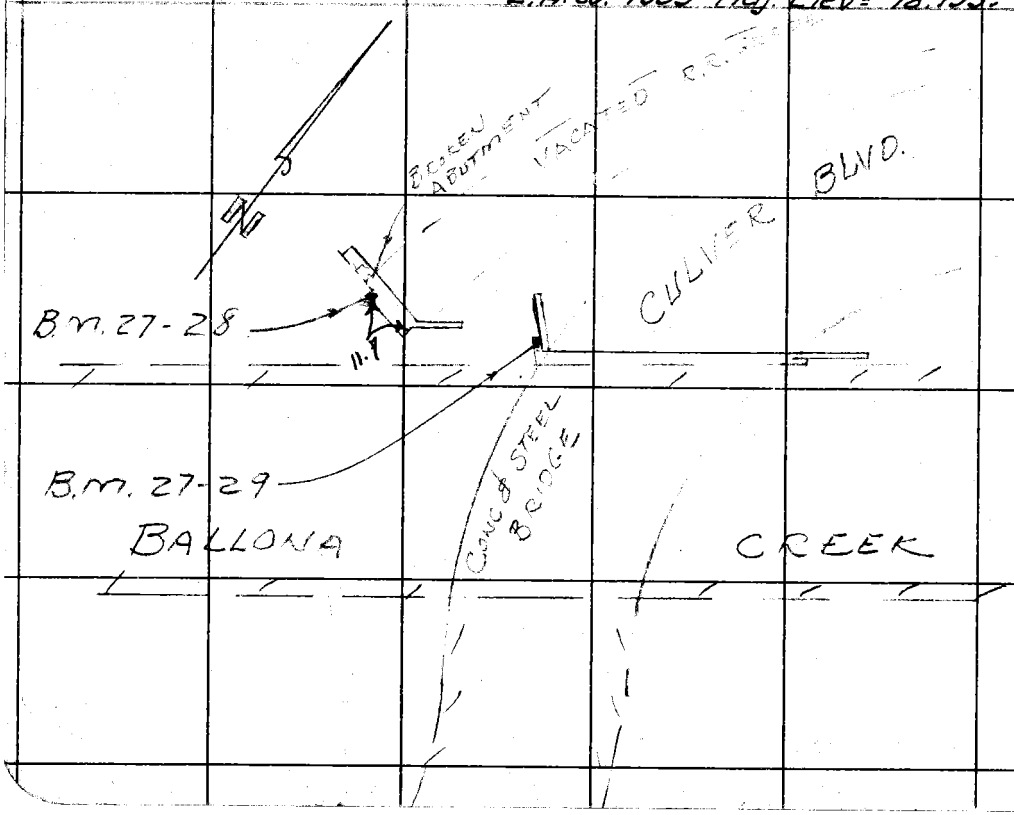
F.B. 1393 PG. 24

FEB 23 Nov. 1964

B.M. 27-28 (F.C. B.M. 115-226)
Ballona Creek at P.E. Ry at Culver Blvd. At the N. abut. of P.E. Ry. bridge over Ballona Creek
On top of, and at the west end of the concrete bridge seat, 11.7 ft W'ly of E'ly edge of seat
L.A. Co. F.C. 3½" Brass
A [illegible] in place, stamped "B.M. 115-226".
L.A. Co. 1953 Adj. Elev.: 17.120'

FEB 23 Nov 1964

B.M. 27-29 (F.C. B.M. 115-227)
Ballona Creek at Culver Blvd.
On the northerly side of Ballona Creek.
On the northerly concrete abutment of the concrete and steel plate girder bridge.
In the top northwest corner of the bridge seat, 1.8 ft. below the bottom of the steel girder. A [illegible] L.A. Co. F.C. 3½" Brass
Submerged in place. Stamped BM 115 227
L.A. Co. 1953 Adj. Elev.= 18.193'



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Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 4-9-53
Date	Indexed A. C. Johnson

F. B. 1393 PG. 25

F.E.B. 23 Nov 1964

B.M. 27-30 (CITY OF L.A.)

City of L.A. 3½" Brass DISC IN S. FACE N. END PIER, N. OF ℄ ROOSEVELT HWY, N OF CULVER BLVD, IN P.E. RWY UNDERPASS BRIDGE OVER ROOSEVELT HWY. Stamped T 977

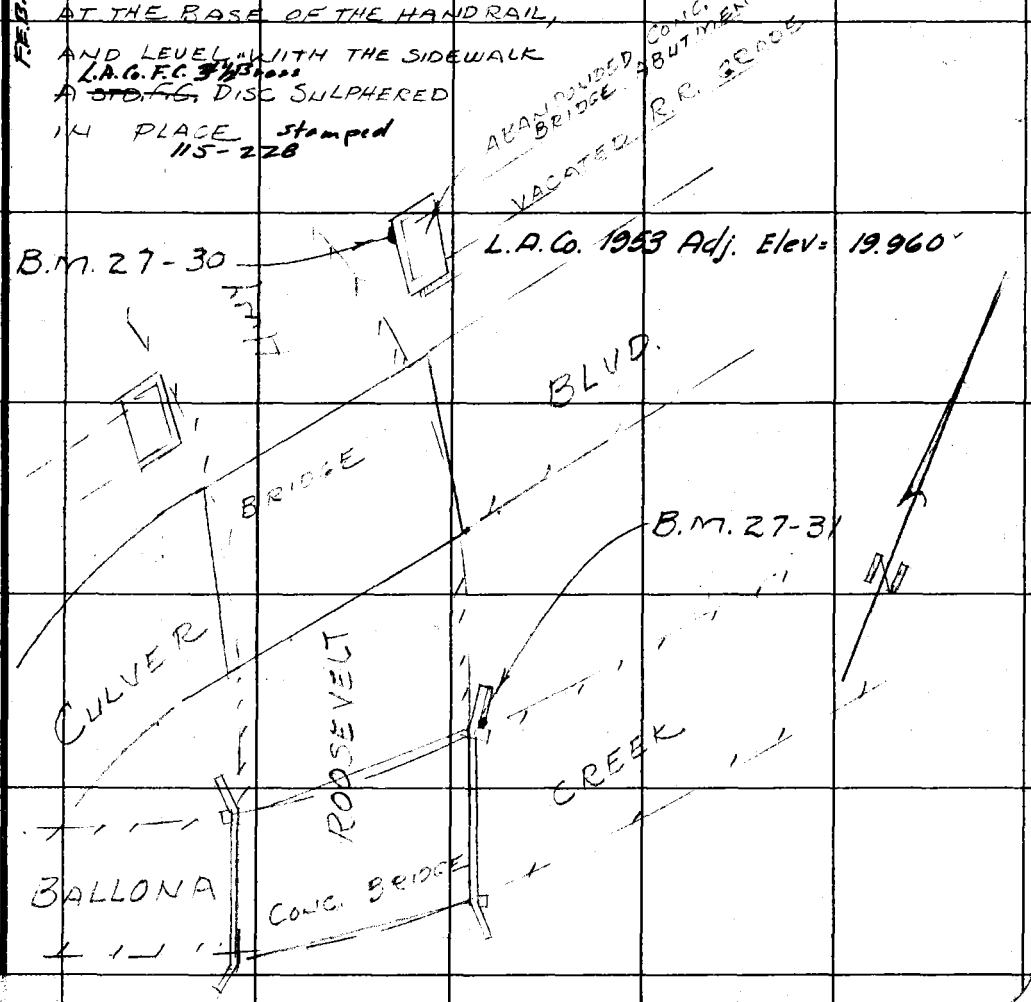
L.A.Co. 1953 Adj. Elev.= 13.308'

B.M. 27-31 (F.C.B.M. 115-228)

BALLONA CREEK AT ROOSEVELT HWY., AT THE NORTHEASTERLY ABUTMENT OF THE CONCRETE AND STEEL PLATE GIRDER BRIDGE, AT THE EASTERLY END OF THE ABUTMENT ON THE HORIZONAL SURFACE OF THE CONCRETE WINGWALL, AT THE BASE OF THE HANDRAIL, AND LEVEL WITH THE SIDEWALK

L.A.Co. F.C. 3½" Brass ~~A STD. F.C.~~ DISC SULPHERED IN PLACE Stamped 115-228

F.E.B. 23 Nov 1964



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76F309S 247 2-51

F. B. 1393 PG. 26

B.M. 27-32 A

BALLONA CREEK NEAR P.E. R.R. BRIDGE ±800' DOWNSTREAM FROM McCONNELL AVE, A ~~STANDARD~~ L.A. Co. FLOOD CONTROL 3½" Brass Disk R/W MONUMENT SET IN a 8" CONCRETE post 24 INCHES BELOW THE SURFACE, 43.0 FT. S.W'LY FROM THE NEAREST RAIL, ~~47~~ 36.5 FT. N.W'LY FROM THE EDGE OF CONCRETE SLOPE AND 90.0 FT. W'LY FROM THE WEST EDGE OF CONC. BRIDGE ABUTMENT.

F.E.B. 26 Feb 1965

L.A. Co. 1953 Adj. Elev.= 9.741

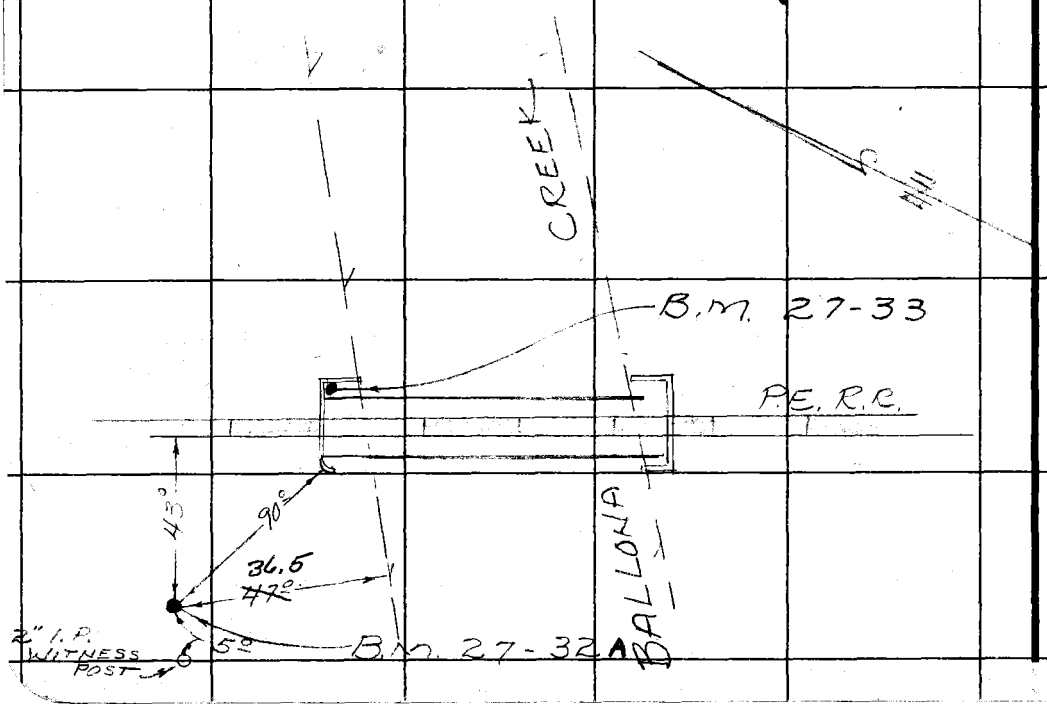
B.M. 27-33 (F.C. B.M. 115-229)

Ballona Creek at P.E. Ry. Bridge 790' Below ~~Mozart~~ McCONNELL AVE Street in the northerly abutment of the steel plate girder bridge? On the horizontal surface at the N.W. Cor ~~and [illegible]~~ of the bridge seat, 2.2 ft below the N.E. corner of the steel girder and 5.3 ft below the top of the rails.

L.A. Co. F.C. 3½" Brass ~~A [illegible] Fl~~ Disc [illegible] in place stamped "B.M. 115-229"

F.E.B. 23 Nov 1964

L.A. Co. 1953 Adj. Elev= 16.246



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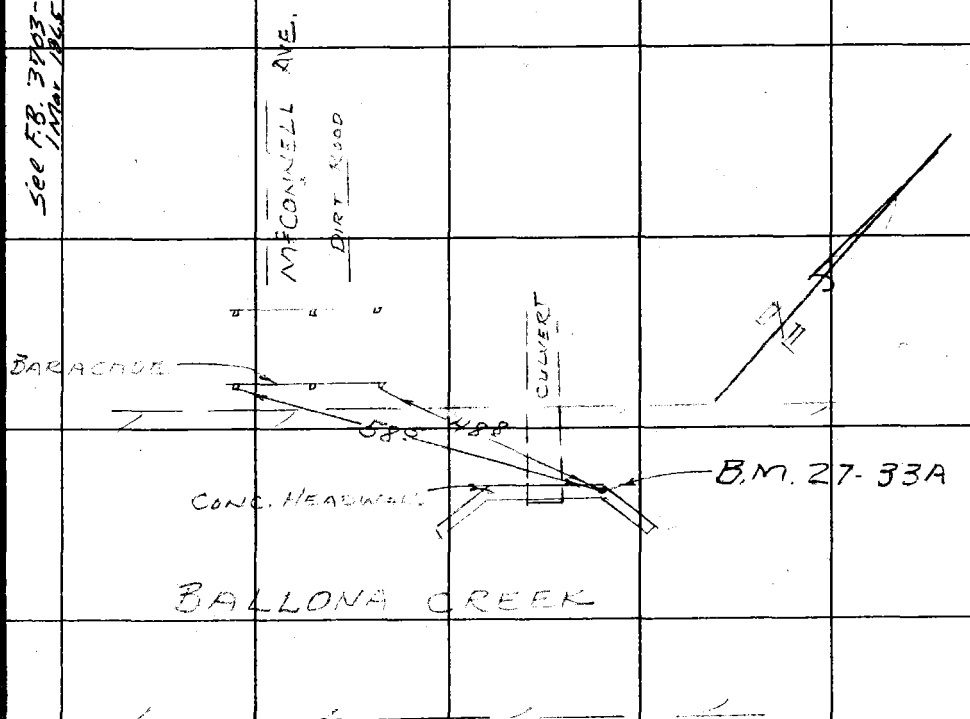
B.M. 27-33A (F.C.B.M. 115-229A)

Ballona Cr. at ~~Mozart St.~~ McConnell Ave. On the inside face of N'ly levee. At the east end, and on top of concrete headwall at current outlet. A galv. spike in lead.

L. A. Co. 1953 Adj. Elev.: 8.301

See F.B. 3703-61 for new description 1 Mar 1965 F.E.B.



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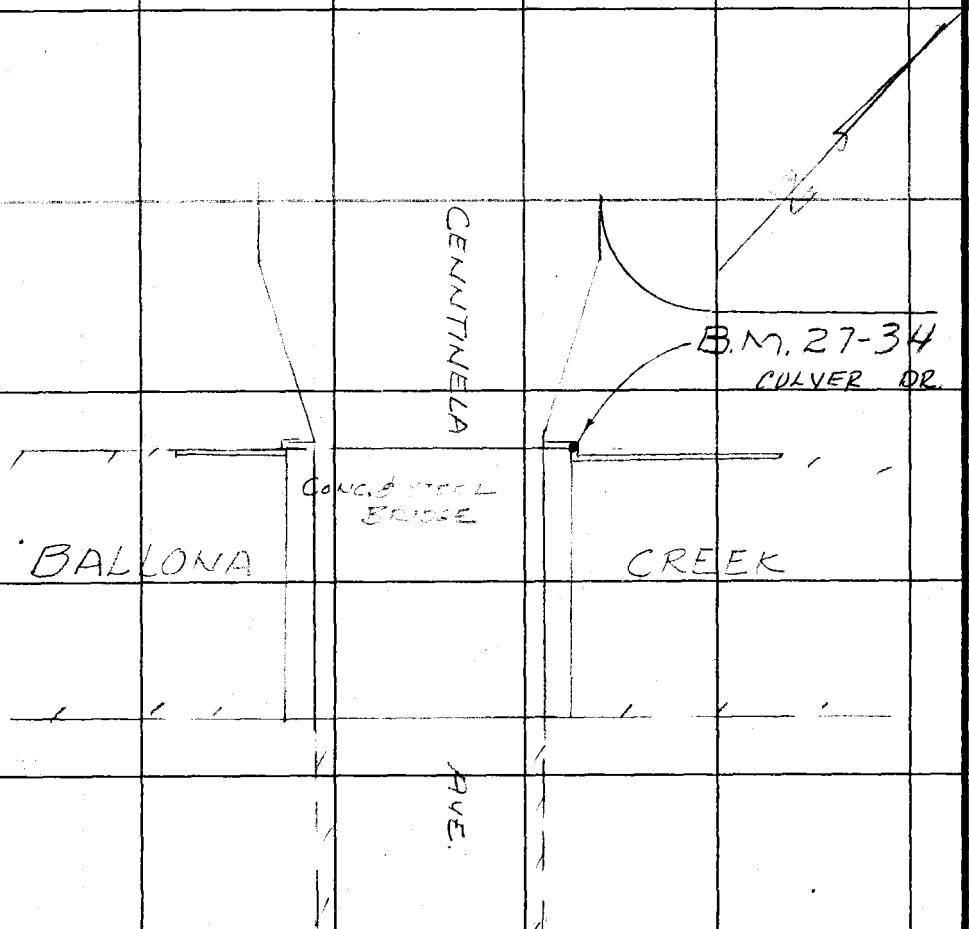
F.B. 1393 PG. 28

FEB 1 Mar 1965

B.M. 27-34 (F.C. B.M. 115-230)

Ballona Crk. of Centinela Ave. At the N'ly abutment of the concrete & steel plate girder bridge over Ballona Creek. On the top and easterly end of the abutment, level with the cement side walk. L.A.Co. 3" Brass F.C. disc sulphered in place. Stamped "B.M. 115-230"

L.A. Co. 1953 Adj. Elev.= 28.604'



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F. B. 1393 PG. 29

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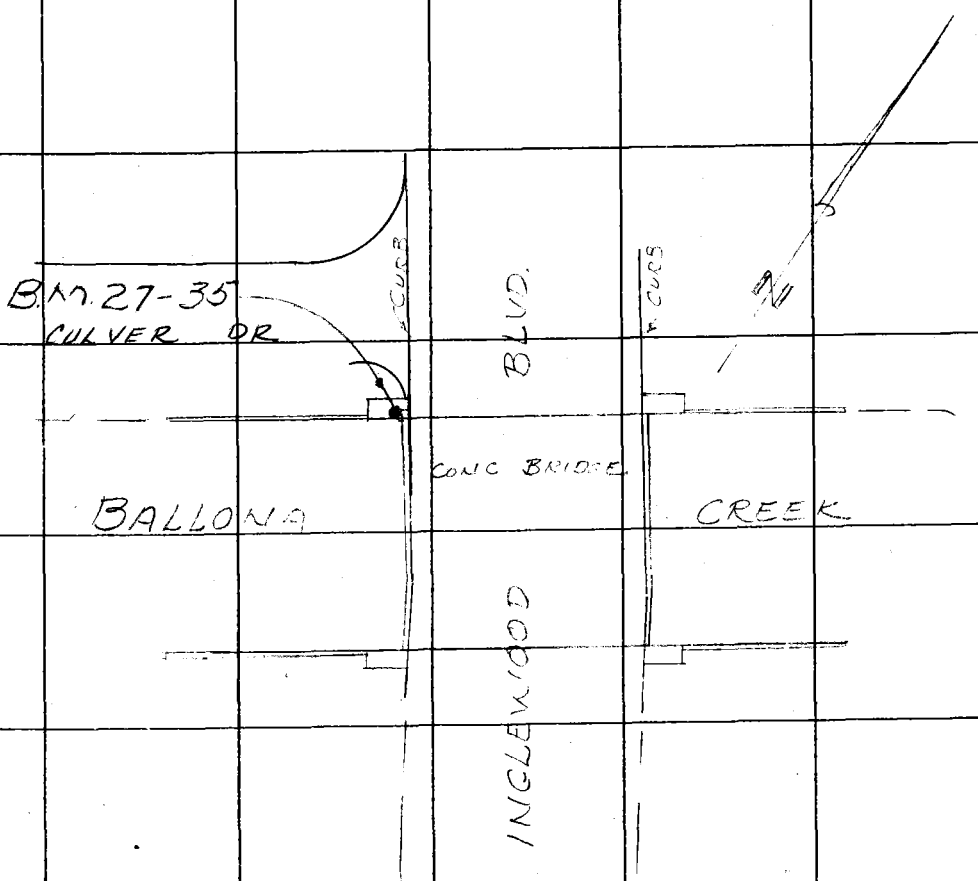
B.M. 27-35 (F.C. B.M. 115-231)
Ballona Crk. at Inglwd Blvd. At the N'ly abut. of the Concrete and steel plate under bridge over Ballona Creek.
On top of, and at the westerly end of the concrete abutment sidewalk.
A ~~std.~~ L.A.Co. 3½ Brass P.C. disc. sulphured in place.
Stamped "B.M. 115-231"

L.A. Co. 1953 Adj. Elev. = 32.831

F.E.B. 1 Mar. 65



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F.B. 1393 PG. 30

B.M. 27-36 (F.C. B.M. 116-42)

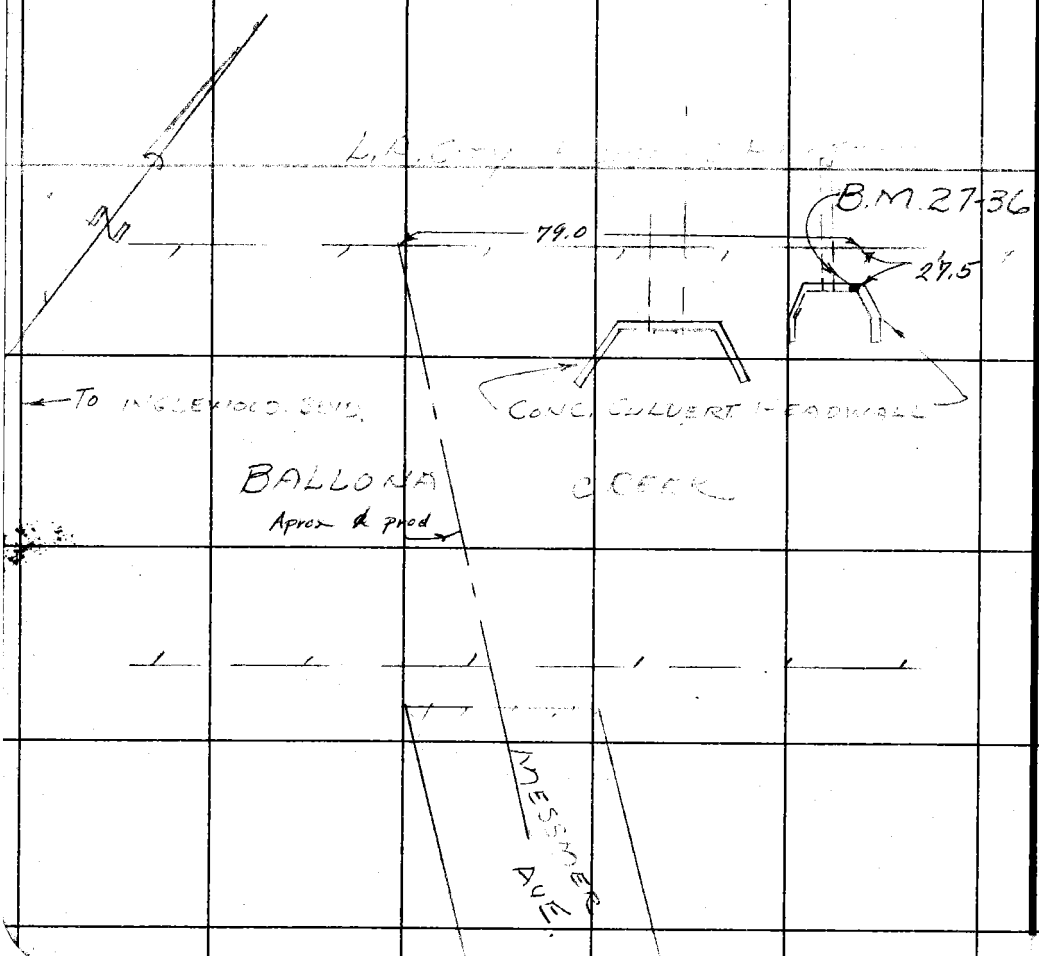
Ballona Creek At MESMER Avenue.

At the LA City - L.A. Co. boundary on the northerly side of Ballona Creek. 79.0 ft NE'ly along ~~Approx. 19.0~~ Top edge of conc facing from aprox. inter. of Mesmer Ave and ~~Southerly from the northerly F.C. R/W line~~ Top of Conc facing, and 27.5 ft down the conc facing ~~on the slope of the northerly placed rock levee~~ ~~On~~ To the top of, and one foot west of the easterly end of the concrete headwall to a 24" Corrugated I.P. culvert.

A ~~Stat~~ L.A. Co. 3½" Brass P.C. disc sulphered in place. stamped "B.M. 116-42"

L.A. Co. 1953 Adj. Elev.: 21.210 ✓

FEB 1 Mar 1965



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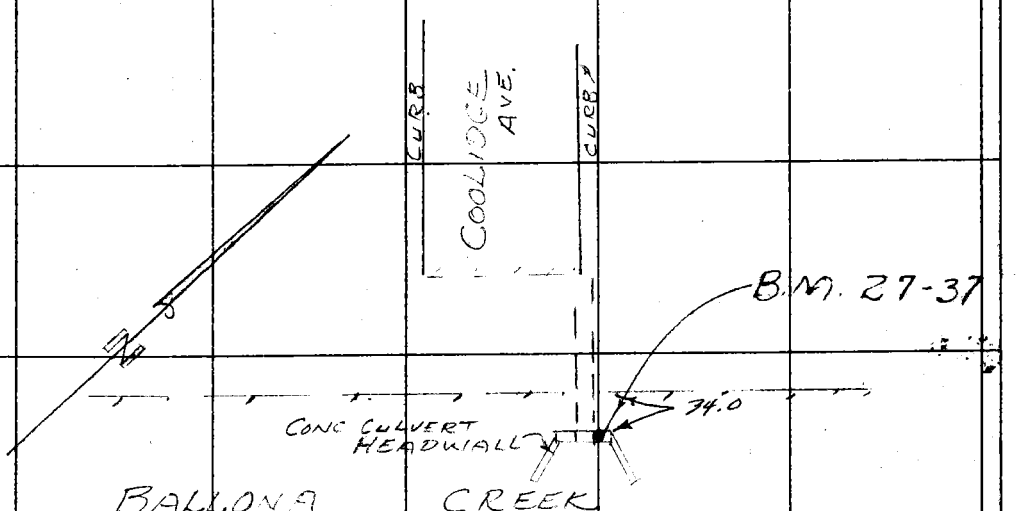
FEB. 1 Mar. 1965

B.M 27-37 (F.C. B.M. 116-43)

BALLONA CREEK AT COOLIDGE AVE., ON THE EASTERLY SIDE OF COOLIDGE AVE. AND ON THE NORTHERLY SIDE OF BALLONA CR., ON THE SLOPE OF THE NORTHERLY ~~PLACED ROCK~~ Conc. Facing LEVEE, APPROX. ~~30'~~ 34' SOUTHERLY FROM THE ~~NORTHERLY~~ Top edge of the F.C. ~~R/W LINE~~ Conc. Facing, ON THE TOP OF, AND 2' WEST OF THE EAST END OF THE CONCRETE HEADWALL TO A 24" CORRUGATED I.P. CULVERT, A ~~STD.~~ L.A. Co. F.C. DISC SULPHERED IN PLACE, STAMPED B.M. 116-43.

REF. F.C. 1558-10, F.C. 1557, S.D.C.B. 20-86, S.D.C.B. 21-88, S.D.C.B. 22-17.

L.A. Co. 1953 Adj. Elev. = 23.701'



F.B. 1393 PG. 32

B.M. 27-38 (CITY OF L.A. VENICE L-1A)

SAWTELLE BLVD & CULVER DR, ℄ INTER 3½"

SECTION A ~~STANDARD~~ TRAVERSE Stamped CITY OF LOS ANGELES BRASS DISK "VENICE L-1A 1951" SET IN CONCRETE 10 INCHES BELOW THE SURFACE PROTECTED BY A CAST IRON COVER

L.A. Co. 1953 Adj. Elev: 36.091

Ties per drawing OK FEB. 1 Mar 65

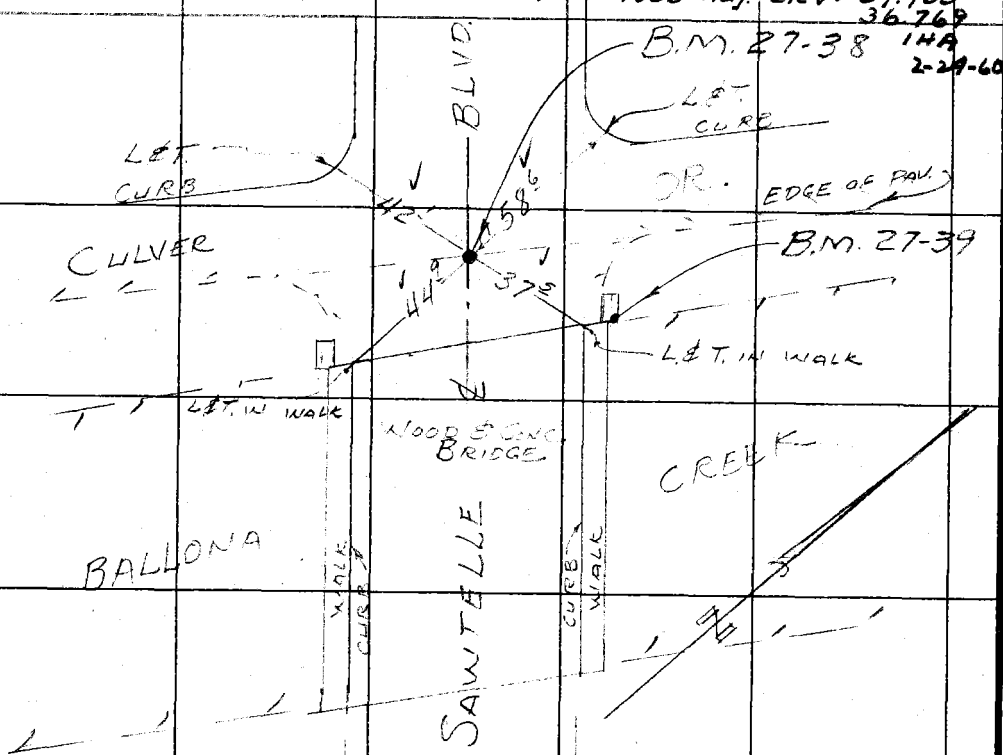
B.M. 27-39 (F.C. B.M. 116-44)

BALLONA CREEK AT SAWTELLE BLVD, AT THE NORTHERLY ABUTMENT OF THE CONCRETE DECK AND PILE BENT BRIDGE OVER BALLONA CR., AT THE NORTH ~~EAST~~ CORNER OF THE BRIDGE, ON THE CONCRETE BALUSTRADE BLOCK, AT THE END OF AND 0.9' BELOW THE CEMENT SIDEWALK, A ~~STD.~~ L.A. Co. F.C. 3½" Brass DISC SULPHERED IN PLACE STAMPED "B.M. 116-44".

REF:- F.C. 1558-11, F.C. 1557, S.D.C.B. 20-86
S.D.C.B. 22-17, S.D.C.B. 21-88.

L.A. Co. 1953 Adj. Elev: ~~37.769~~ 36.769 1HA 2-24-60

FEB. 1 Mar 1965



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L. A. CO. PRECISE LEVEL NET

F. B. 1393 PG. 33

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Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
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Date	Indexed L. C. Johnson

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78F3095 247 2-51

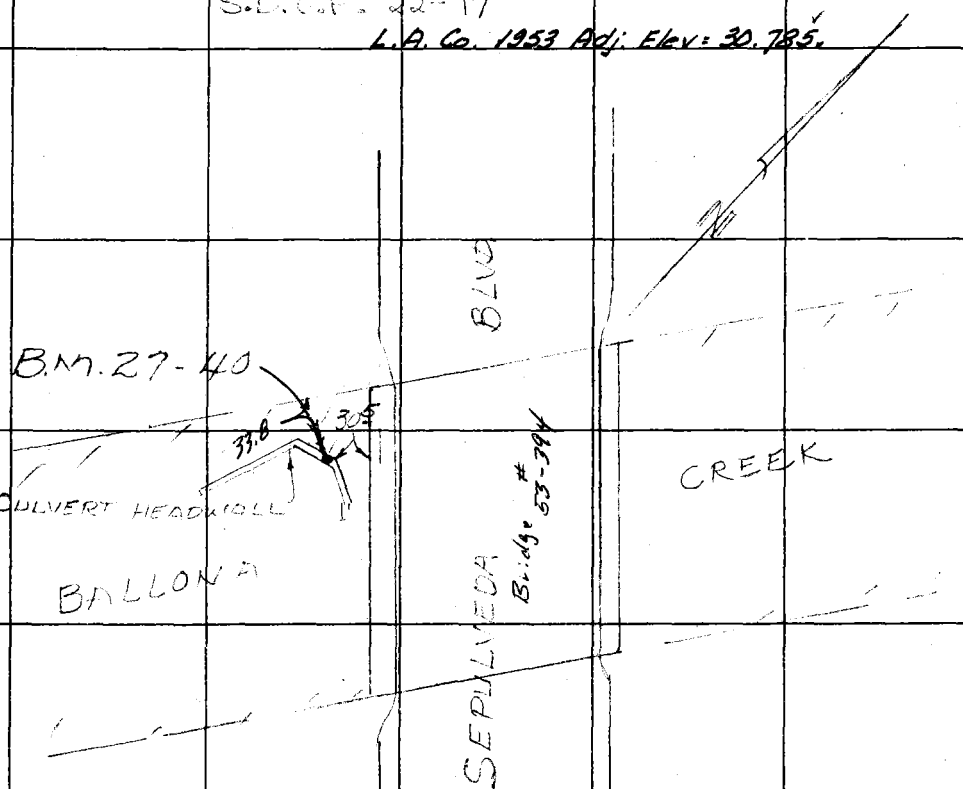
FEB. 1 NOV 65

B.M. 27-40 (F.C. B.M. 116-45)
BALLONA CREEK AT SEPULVEDA BLVD., ON THE WESTERLY SIDE OF BALLONA CR., APPROX. ~~43'~~ 30.5' SOUTH OF THE ~~NORTHWEST~~ S'ly edge ~~CORNER~~ OF THE CONCRETE DECK AND PILE BENT BRIDGE, ~~25'~~ 33.8' EASTERLY FROM THE ~~WESTERLY F.C. R/W LINE~~ top edge of the conc facing, ON THE TOP OF, AND 2.5' WEST OF THE EASTERLY END OF A CONCRETE HEADWALL AT THE OUTLET OF CULVER CITY STORM DRAIN A&I #4. 8'-6" X 8'-6" CONC. BOX, A ~~STD.~~ L.A. F.C. 3½" Brass DISC SULPHERED IN PLACE, STAMPED B.M. 116-45.

REF. F.C. 1558-12, F.C. 1557, S.D.C.B. 20-86, S.D.C.B. 22-17

L.A. Co. 1953 Adj. Elev: 30.785'

53-394



F. B. 1393 PG. 34

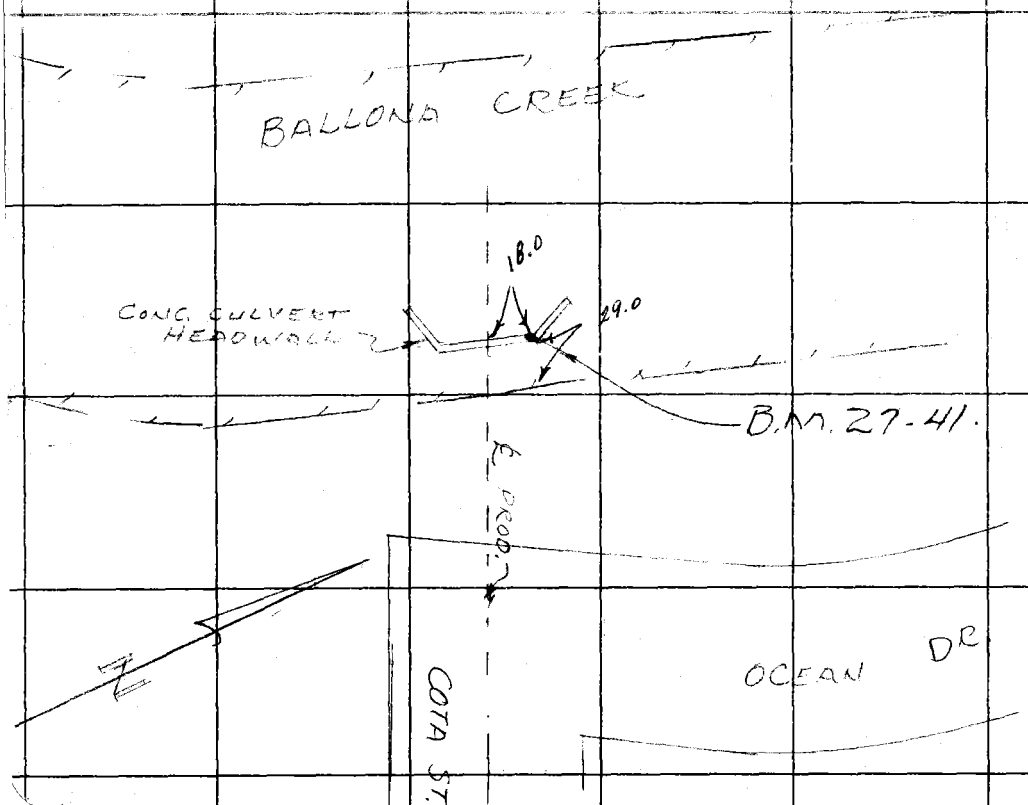
B.M. 27-41 (F.C.B.M. 116-46)

BALLONA CREEK AT COTA STREET, ON THE EAST SIDE OF BALLONA CK., APPROX. 777' UPSTREAM FROM THE CENTER LINE OF SEPULVEDA BLVD., ON THE SLOPE OF THE EAST ~~PLACED ROCK~~ Conc Facing of LEVEE APPROX. ~~50~~ 29.0' WEST OF THE ~~EAST~~ Top of F.C. ~~R/W LINE~~ Conc Facing, ON THE TOP OF, AND AT THE NORTH END OF THE CONCRETE HEADWALL TO A 24" CORRUGATED I.P. CULVERT OUTLET, A ~~STD.~~ L.A.Co. F.C. ~~DISC~~ 3 1/2" Brass SULPHERED IN PLACE, STAMPED B.M. 116-46.

REF. F.C. 1558-13, F.C. 1557, S.D.C.B. 20-88

L.A. Co. 1953 Adj. Elev = 32.394'

FEB 1 Mar 1965



RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
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Notes Ck'd by	Survey of L.A. Co. PRECISE LEVEL NET
Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 4-9-53
Date	Indexed A. C. Johnson

F.B. 1393 PG. 35

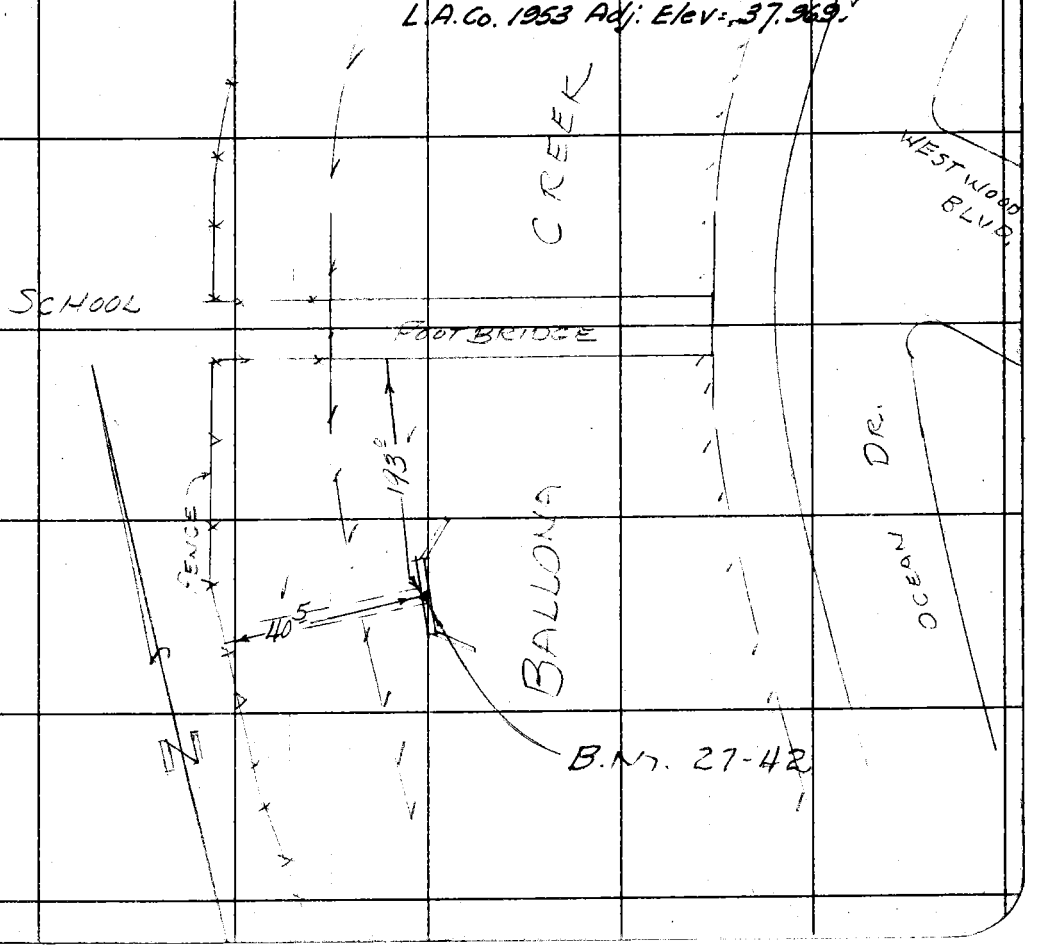
B.M. 27-42 (F.C.B.M. 116-47)

BALLONA CREEK ~~AT~~ near RHODA WAY, APPROX. 1180' DOWNSTREAM FROM OVERLAND AVE., ON THE WEST SIDE OF BALLONA CR., ON THE SLOPE OF THE WEST ~~PLACED ROCK~~ Conc. Facing of LEVEE, APPROX. ~~45'~~ 40' EAST OF THE WEST F.C. R/W LINE, And 193' S. of Wood foot bridge, ON THE TOP OF AND AT THE CENTER OF THE CONCRETE HEADWALL AT THE OUTLET OF AN 18" CULVERT, A ~~STD.~~ L.A.Co. F.C. 3½" Brass DISC SULPHERED IN PLACE, STAMPED B.M. 116-47

REF. F.C. 1558-14, F.C. 1557, S.D.C.B. 20-86

L.A.Co. 1953 Adj. Elev.: 37.969'

F.E.B. 1 Mar 65



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76F309S 247 2-51

F. B. 1393 PG. 36

FEB 1 Mar 65

B.M. 27-43 (F.C. B.M. 116-48)

BALLONA CREEK AT OVERLAND AVE., ON THE NORTERLY SIDE OF BALLONA CREEK, 33.5' WEST OF THE NORTH WEST CORNER OF THE CONCRETE AND STEEL PLATE GIRDER BRIDGE, APPROX. 20' SOUTH OF THE NORTHERLY F.C. R/W LINE, ON THE SLOPE OF THE NORTHERLY EARTH LEVEE, ON THE TOP AND CENTER OF THE CONCRETE HEADWALL OF THE OVERLAND AVE. STORM DRAIN (48" R.C.P.) A ~~STD.~~ L.A. Co. F.C. 3½" Brass DISC SULPHERED IN PLACE STAMPED "B.M. 116-48"

REF:- F.C. 1558-14A, F.C. 1557, SDCB 20-86

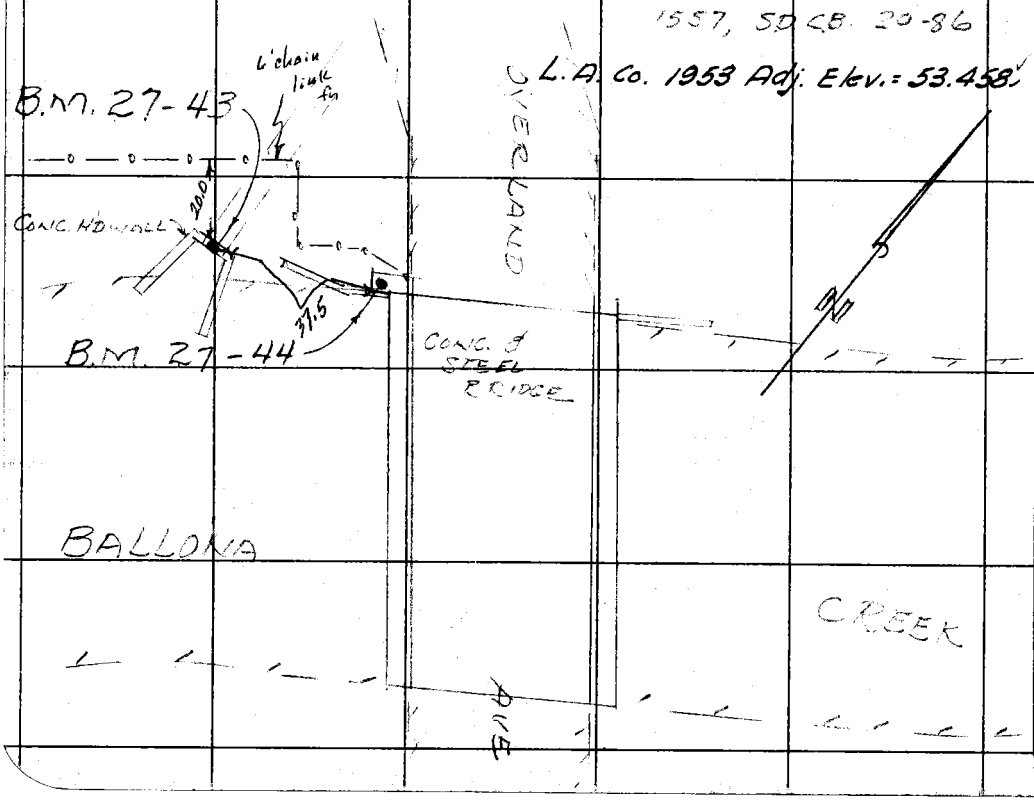
L.A. Co. 1953 Adj. Elev = 50.985

FEB 1 Mar 65

B.M. 27-44 (F.C. B.M. 116-49)

BALLONA CREEK AT OVERLAND AVENUE, AT THE N.W. Cor. WEST END OF THE NORTH ABUTMENT OF THE CONCRETE AND STEEL PLATE GIRDER BRIDGE 1.4 BELOW THE CEMENT WALK, A ~~STD.~~ L.A. Co. F.C. 3½" Brass DISC SULPHERED IN PLACE STAMPED "B.M. 116-49" REF - F.C. 1558-14A, F.C. 1557, SDCB 20-86

L.A. Co. 1953 Adj. Elev. = 53.458



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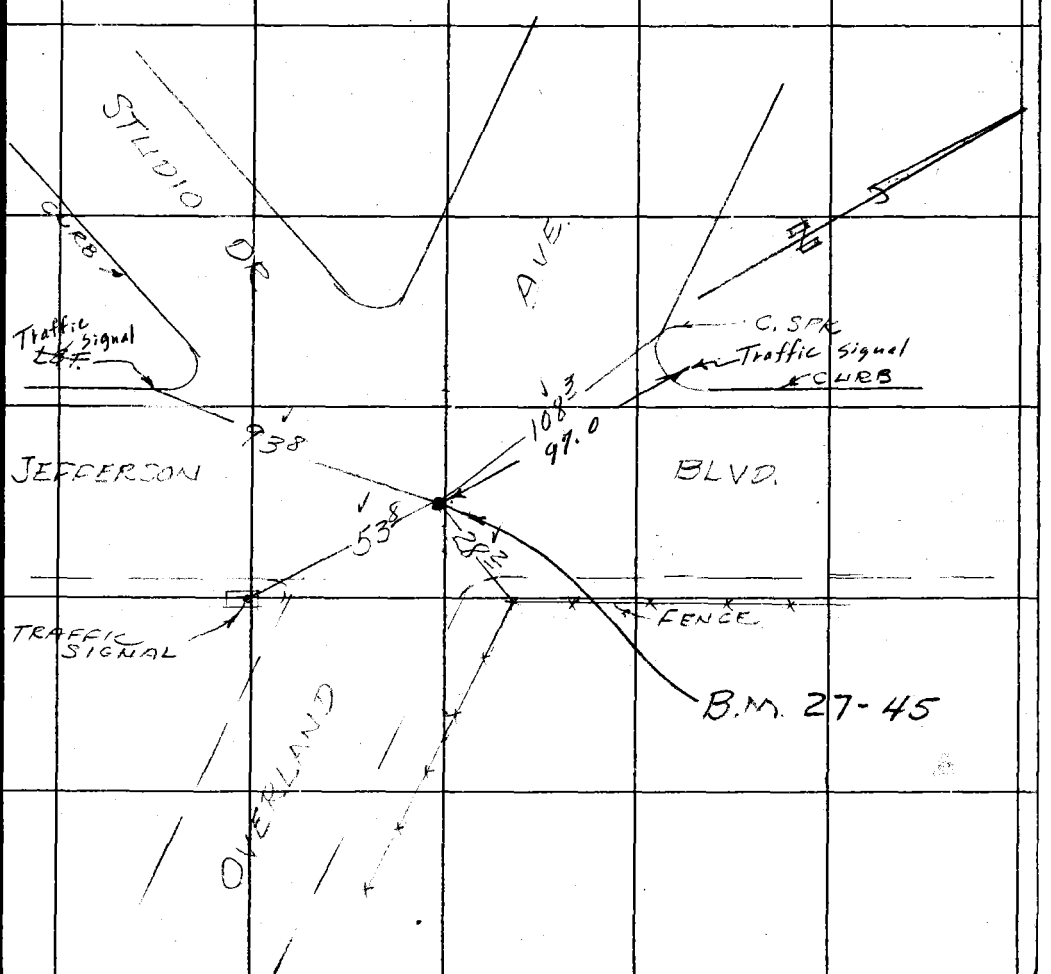
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 4-9-53
Date	Indexed A. C. Johnson

F.B. 1393 PG. 37

FEB 1 Mar 65 Ties per drawing O.K.

B.M. 27-45 (CITY OF L.A. HOLLYWOOD A-12A)
OVERLAND AVE AND JEFFERSON BLVD AND STUDIO DR, AT APPROX. ℄ INTER SECTION, A ~~STANDARD~~ CITY OF L.A. BRASS DISK Traverse "HOLLYWOOD A-12A" SET IN CONCRETE, 13 INCHES BELOW THE SURFACE PROTECTED BY A CAST IRON COVER. marked City of L.A. Engineering Monument

L.A. Co. 1953 Adj. Elev. = 48.171



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76F309S 247 2-51

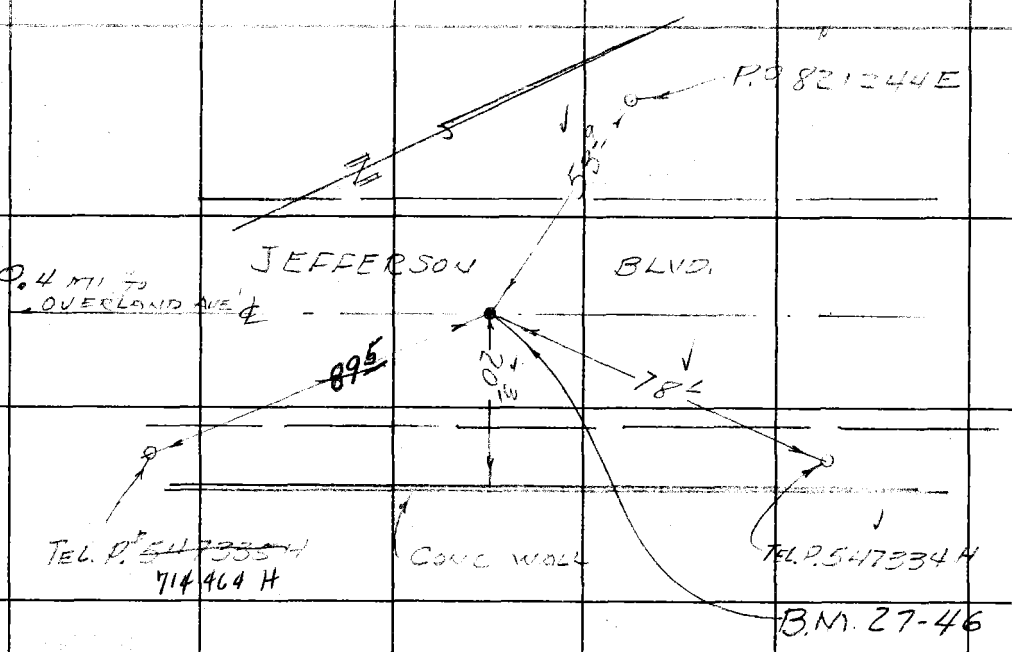
F. B. 1393 PG. 38

FEB 1 Nov 63

B.M. 27-46 (CITY OF L.A. HOLLY' B-11)
JEFFERSON BLVD, ON ℄, APPROX. 0.4 MILE NORTH EAST OF OVERLAND AVE, A STANDARD CITY OF L.A. MON., 3/4 INCH HEXAGON BAR SET IN CONCRETE 10 INCHES BELOW THE SURFACE, 89.5 N'LY FROM TEL. POLE ~~547334H~~ 714464 H, 20.3 FEET N.W'LY FROM A CONC WALL AND FENCE, 78.1 FEET WESTERLY FROM TEL. POLE 547334H, 53.9 ft S'ly of P.P.# 821244E. IN A WELL PROTECTED BY A CAST IRON COVER marked City of L.A. Engineering Monument

L.A.Co. 1953 Adj. Elev: 60.922

NOT RECOVERED 7-3-74 G.E.D. FOUND 1"x2" ON SURFACE, NOTHING BELOW.



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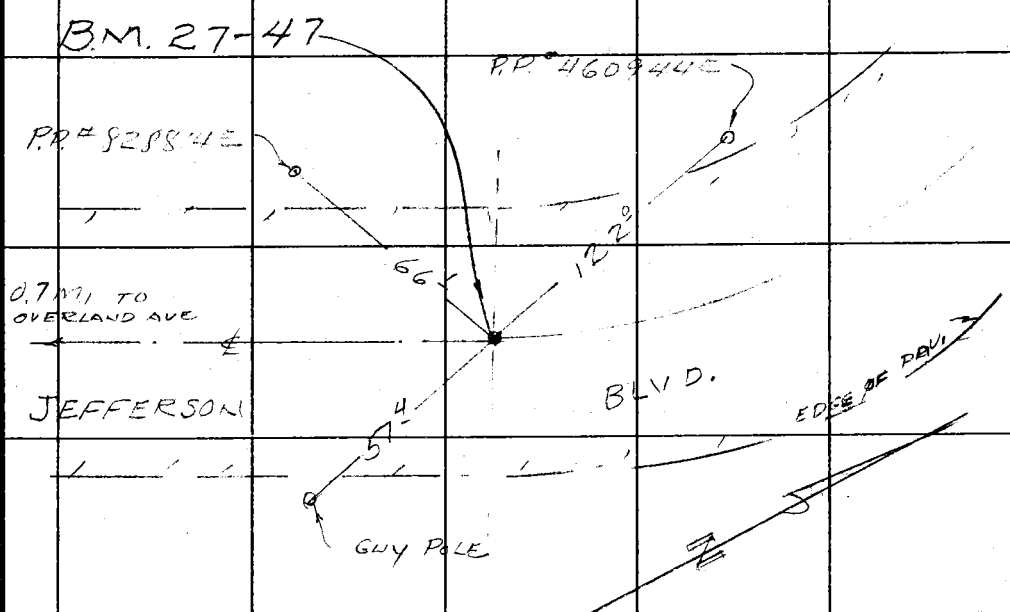
Notes Ck'd by	Survey of **L.A. CO. PRECISE LEVEL NET**	F.B. 1393 Pg. 39
Map No.	W.O. 4923 Tape No. St'd. °F	
Office Work	Surveyed by S.E. DREIER	
Checked	Notes S.E. DREIER Date 4-10-53	
Date	Indexed E. C. Johnson	

B.M. 27-47 (CITY OF L.A. HOLLYWOOD B-11A)
JEFFERSON BLVD, ON ℄ AT BEGINNING OF CURVE
APPROX 0.7 MILE N.ELY FROM OVERLAND AVE, A
STANDARD CITY OF L.A. MON, 3/4 INCH HEXAGON BAR
SET IN CONCRETE 10 INCHES BELOW THE SURFACE,
PROTECTED BY A CAST IRON COVER, 66.1 FEET
E'LY FROM P.P.# 828814E AND 122 FEET S'LY.
FROM POWER POLE# 460944E.

L.A.Co. 1953 Adj. Elev: 82.006

See F.B. 3703-89 for new description

FEB 1 Mar 65 L.A. Co. 1956-57 Adj. Elev. 81.854



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76F309S 247 2-51

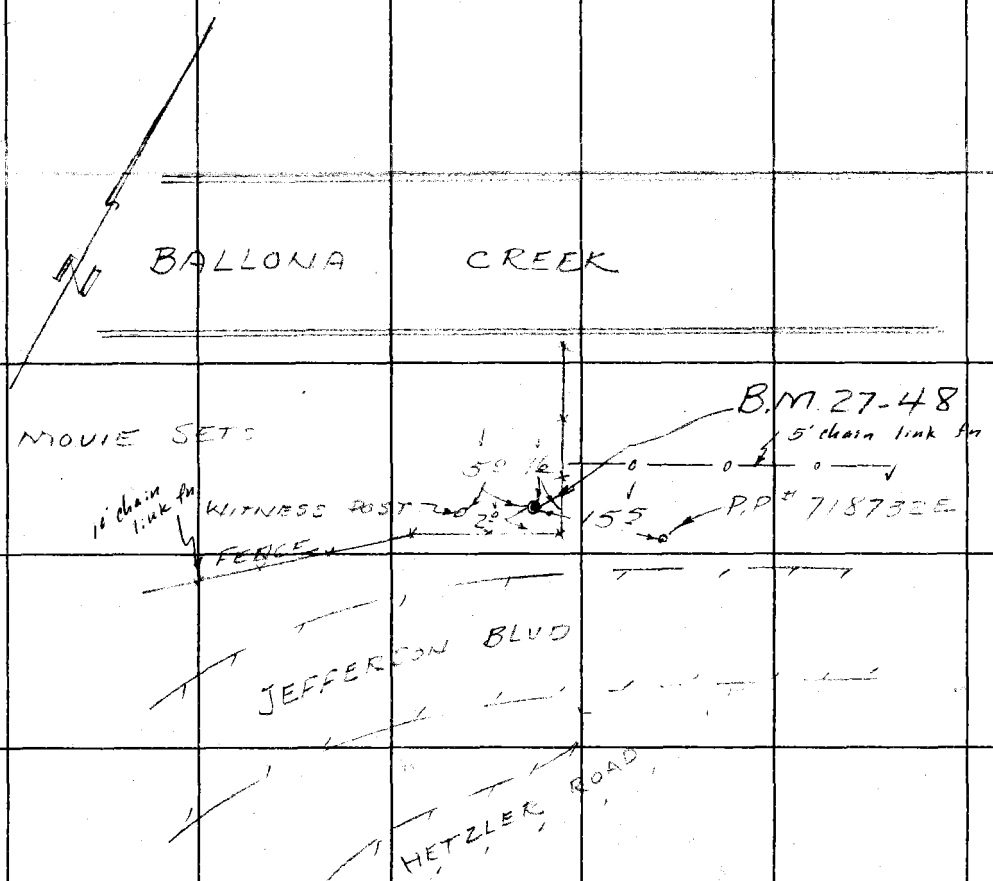
F.B. 1393 PG. 40

FEB 1 Mar 1965

B.M. 27-48

JEFFERSON BLVD AT HETZLER ROAD, A ~~STANDARD~~ L.A. Co. FLOOD CONTROL 3½" BRASS DISK R/W MONUMENT SET IN CONCRETE 6 INCHES BELOW THE SURFACE, Stamped RW 1940 ON THE N'LY SIDE OF JEFFERSON BLVD 2 FEET BACK OF A HIGH CHAIN LINK FENCE AT E'LY END OF MOVIE SETS, 5 FT. E'LY FROM A 2" I.P. WITNESS PIPE AND 15.5 FEET W'LY FROM POWER POLE #718732E.

L.A. Co. 1953 Adj. Elev: 72.156



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Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 4-10-53
Date	Indexed A. C. Johnson

F. B. 1393 Pg. 41

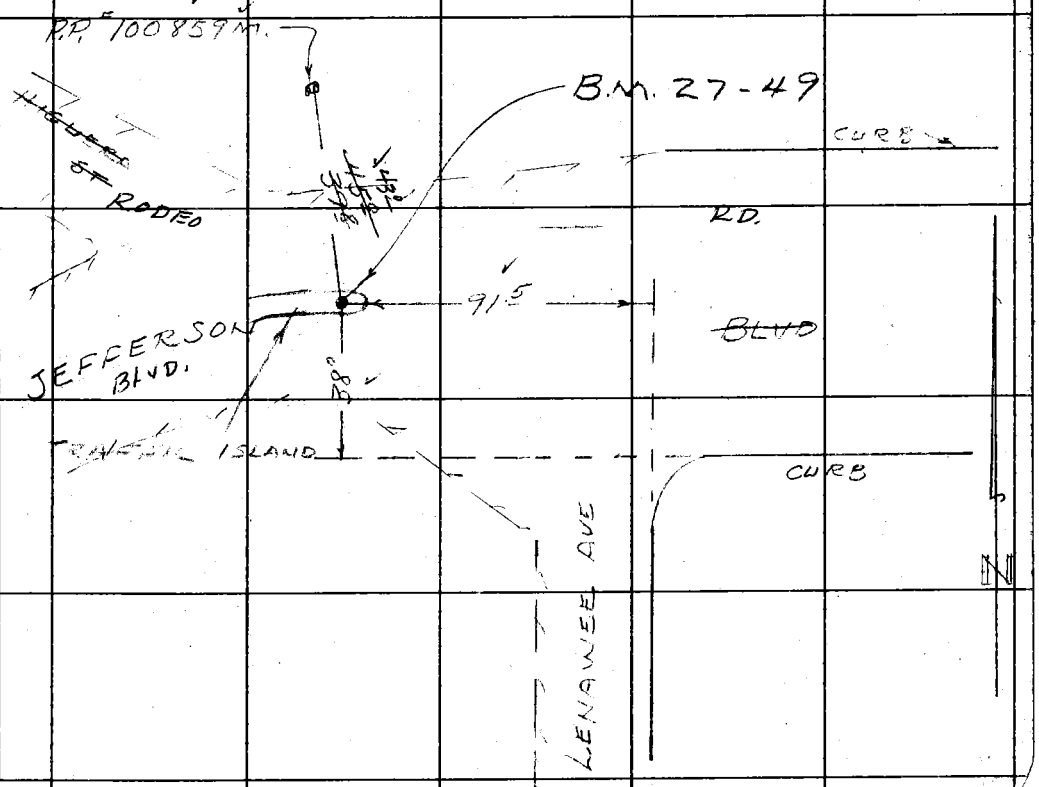
B.M. 27-49 (CITY OF L.A. HOLLYWOOD 3-40 D)

JEFFERSON BLVD. (RODEO RD.) AND LENAWEE AVE., A STANDARD CITY OF L.A. MON., 3/4 INCH HEX BAR SET IN CONCRETE 8 INCHES BELOW THE SURFACE PROTECTED BY A CAST IRON COVER, marked COUNTY SURVEYOR MONUMENT 38 FEET NORTH OF THE N'LY PROLONGATION OF THE SOUTH CURB OF ~~JEFFERSON BLVD.~~ Rodeo Rd. (EAST OF LENAWEE AVE) AND 91.5 FT. WEST OF THE N'LY PROLONGATION OF THE EAST CURB OF LENAWEE AVE.

L.A.Co. 1953 Adj. Elev: 90.713

~~NOT RECOV.~~ 6-1-70 UNDER CONC. G.E.D.
RECOVERED 7-3-74 UNDER CAST IRON COVER (G.E.D.)

NEW POLE, SAME NUMBER



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726 LOS ANGELES COUNTY
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76F309S 247 2-51

F. B. 1393 PG. 42

B.M. 27-50 (CITY OF L.A. HOLLYWOOD D-10)

JEFFERSON BLVD, RODEO RD., AND ~~MOYNIER LANE~~ LA CIENEGA BLVD, APPROX ℄ INTERSECTION, A STANDARD CITY OF LOS ANGELES MONUMENT, ¾ INCH HEX BAR SET IN CONCRETE 10 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER

L.A.Co. 1953 Adj. Elev: 96.113.

9-3-58 NOT FOUND, DUG 16" DEEP

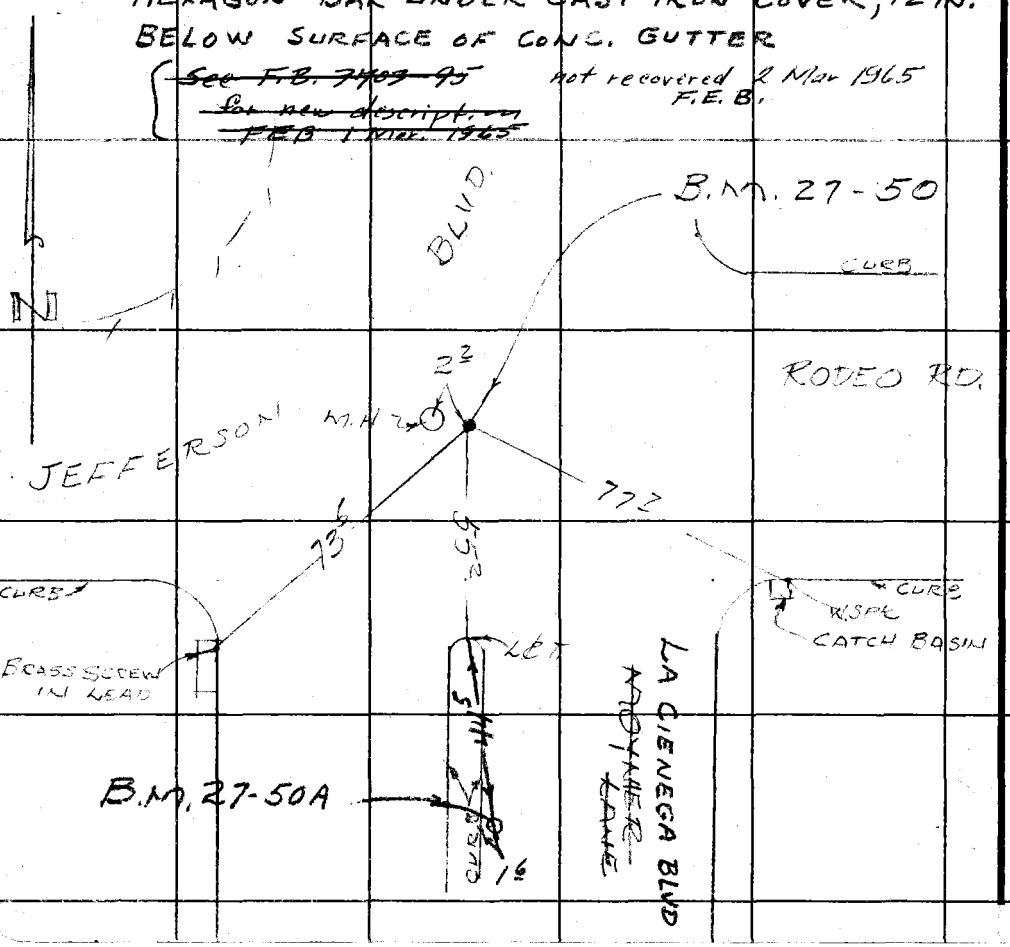
6-1-70 SEE B.M. 27-50B, F.B. 3703-95

B.M. 27-50A

(9-3-58 F.E.B.) RODEO RD. AND LA CIENEGA BLVD., 99.5 FT. S. AND 4.6 FT. E. OF ℄ INTERSECTION, 1.6 FT. E. OF E. CURB OF CENTER DIVIDER, A STD. CITY OF L.A. HEXAGON BAR UNDER CAST IRON COVER, 12 IN. BELOW SURFACE OF CONC. GUTTER

~~See F.B. 3703-95 for new description FEB 1 Mar. 1965~~

not recovered 2 Mar 1965 F.E.B.



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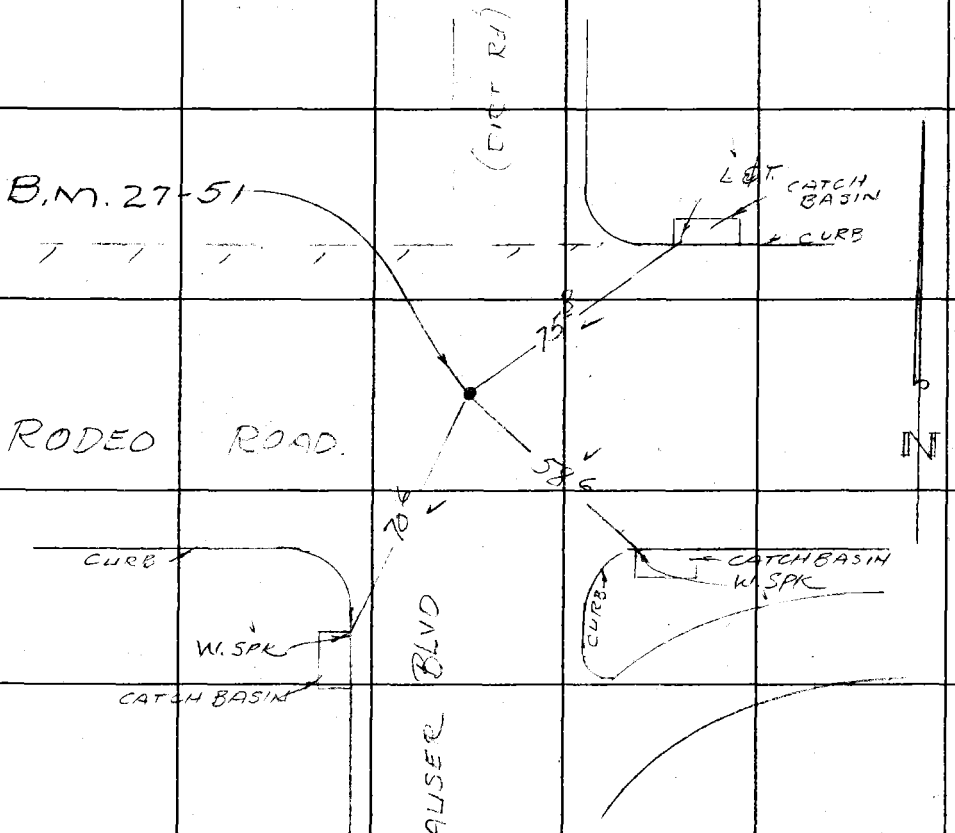
Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 4-16-53
Date	Indexed A. C. Johnson

F. B. 1393 PG. 43

Ties per drawing OK
2 March 1965 F.F.B.

B.M. 27-51 (CITY OF L.A. HOLLYWOOD E-10)
RODEO ROAD AND HAUSER BLVD, ON ℄ OF RODEO ROAD APPROX 2 FEET EAST OF THE CENTER OF HAUSER BLVD, A STANDARD CITY OF L.A. MON., 3/4" HEX BAR SET IN CONCRETE 10 INCHES BELOW THE SURFACE PROTECTED BY A CAST IRON COVER. marked CITY of L.A. ENGINEERING MONUMENT
L.A. Co. 1953 Adj. Elev. 99.810



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76F309S 247 2-51

F. B. 1393 PG. 44

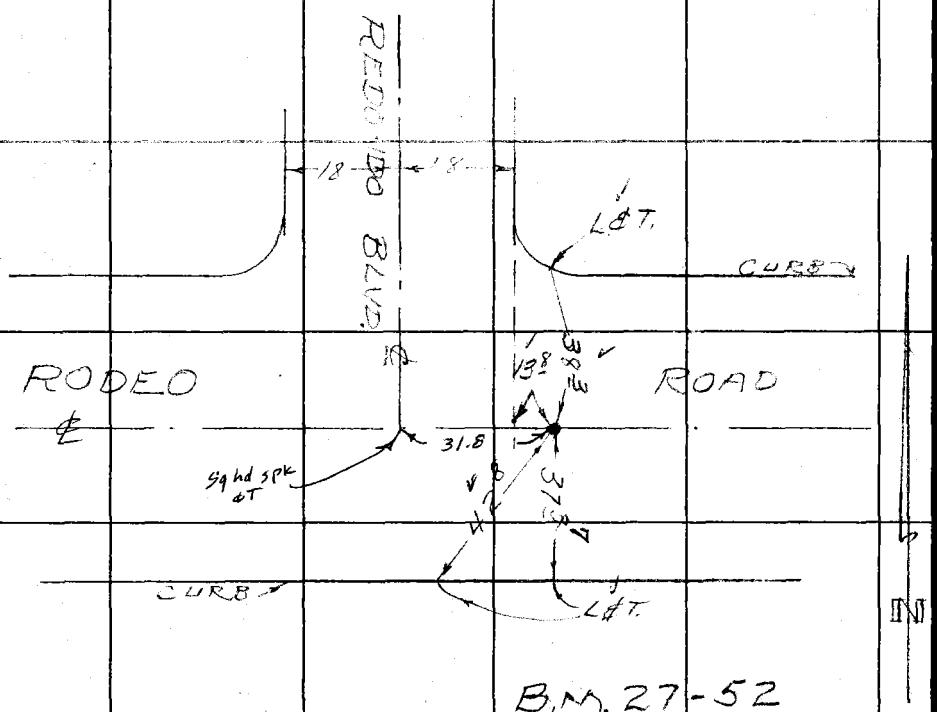
Ties per drawing ok 2 Mar 65 F.E.B.

B.M 27-52 (City of L.A. Hollywood F-10)

RODEO ROAD AND REDONDO BLVD,

A STANDARD CITY OF LOS ANGELES MON., 3/4" HEX BAR SET IN CONCRETE 10 INCHES BELOW THE SURFACE PROTECTED BY A CAST IRON COVER, Marked City of L.A. ENGINEERING MONUMENT ON ℄ OF RODEO ROAD AND 31.8 FEET EAST OF ℄ REDONDO BLVD.

L.A.Co. 1953 Adj. Elev: 102.784



RETURN TO
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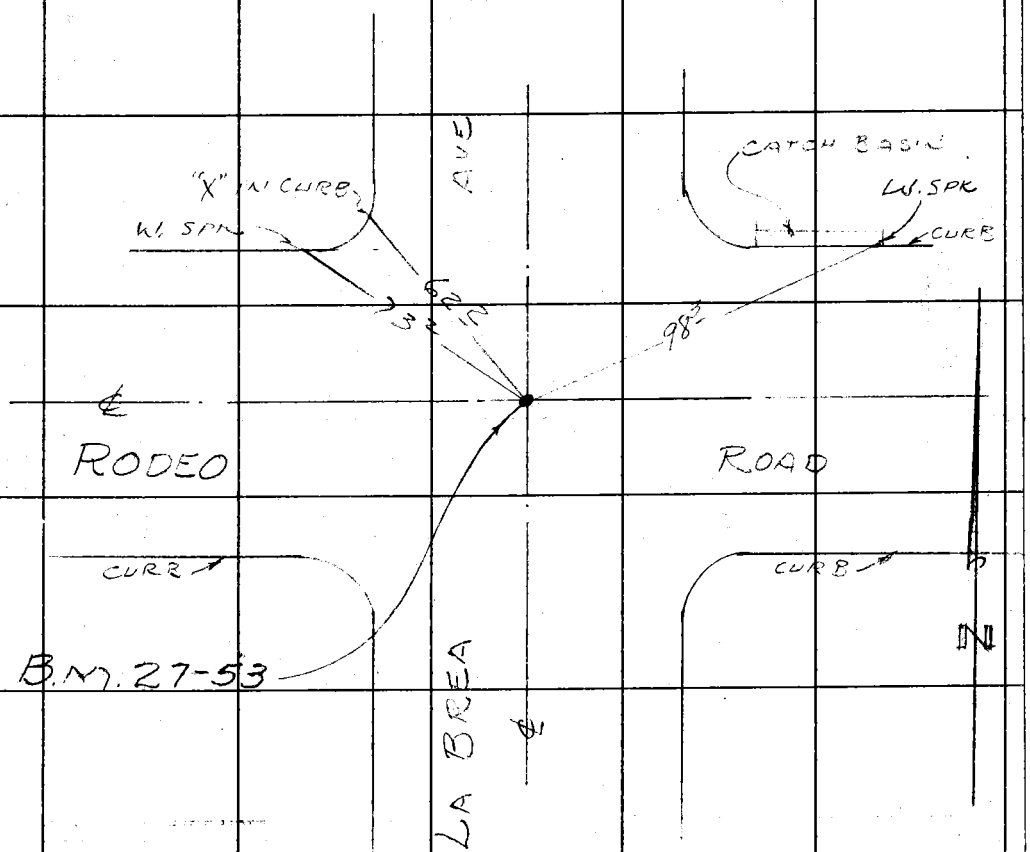
Map No.	Survey of
Office Work	W. O. 1923 Tape No. St'd. °F
Checked	Surveyed by G. E. DREIER
Date	Notes G. E. DREIER Date 4-14-53
	Indexed L. C. Johnson

F. B. 1393 Pg. 45

B.M. 27-53 (CITY OF L.A. HOLLYWOOD F-10A
RODEO ROAD AND LA BREA AVE, ℄
INTERSECTION, A STANDARD CITY OF
LOS ANGELES BRASS DISK, "HOLLYWOOD
F-10A" SET IN CONCRETE 12 INCHES BELOW
THE SURFACE PROTECTED BY A CAST
IRON COVER

L.A. Co. 1953 Adj. Elev = 98.832

See F.B. 3703-101 for
new description
F.E.B. 3 Mar 1965



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76F309S 247 2-51

F. B. 1323 PG. 46

B.M. 27-54

SANTA BARBARA AVE. AND COLISEUM ST.

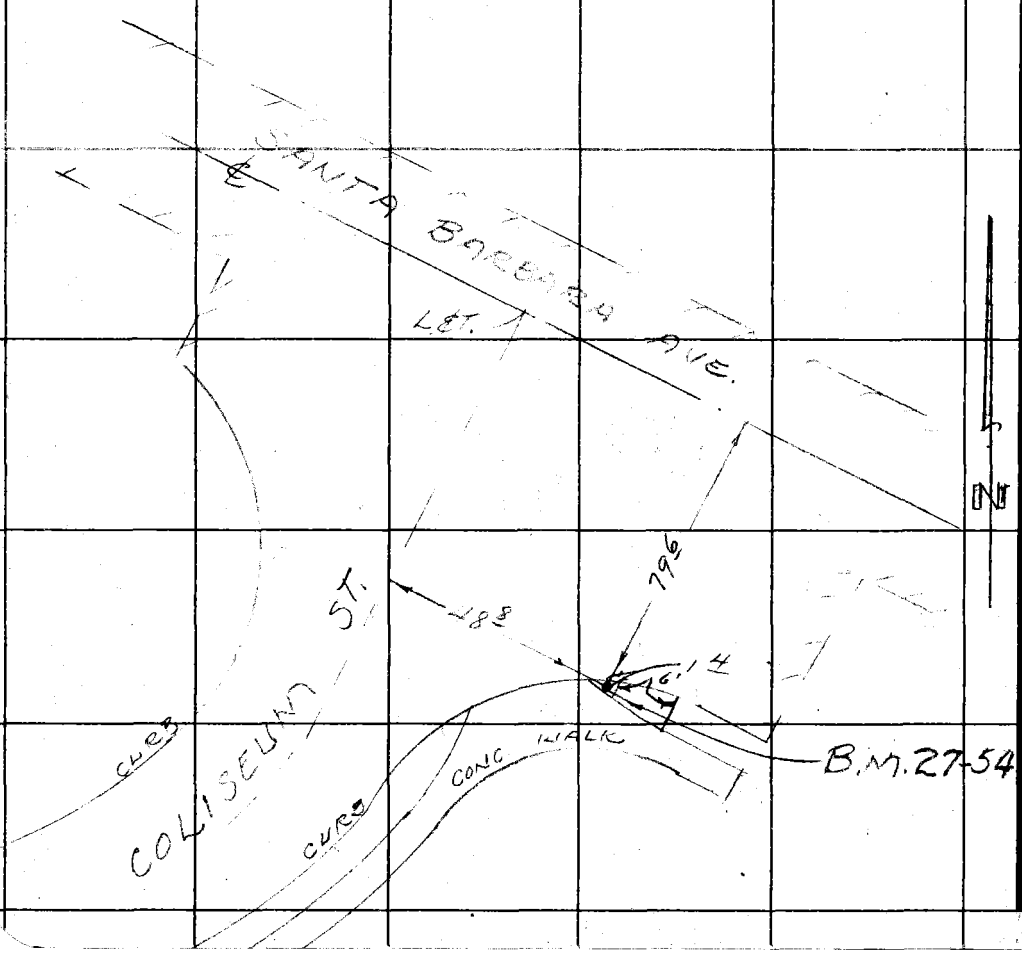
A ~~STANDARD~~ L.A. COUNTY SURVEYOR ~~MONUMENT~~ 2 1/2" Buttell Brass Cap

STAMPED "B.M. 27-54 1958 RE.63" SET IN CONC. 12 INCHES BELOW THE SURFACE, 79.6 FT. S.W. OF THE ℄ OF SANTA BARBARA AVE AND 48.8 FT. S.E. OF THE CENTER OF COLISEUM ST., 1.4 FT. BACK OF THE CURB AT THE JUNCTION OF THE N.E'LY EDGE OF THE SIDEWALK AND THE CURB, IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

6 ft W. of

L.A. Co. 1053 Adj. Elev. 100.458

FEB. 3 Mar. 1965



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Checked
Date

L. A. CO. PRECISE LEVEL NET

F. B. 1393 PG. 47

Survey of
W. O. 4923 Tape No. St'd. °F
Surveyed by G.E. DREIER
Notes G.E. DREIER Date 3-25-55
Indexed A. C. Johnson

B.M. 27-55 (L.A. CITY HOLLYWOOD H-11A)

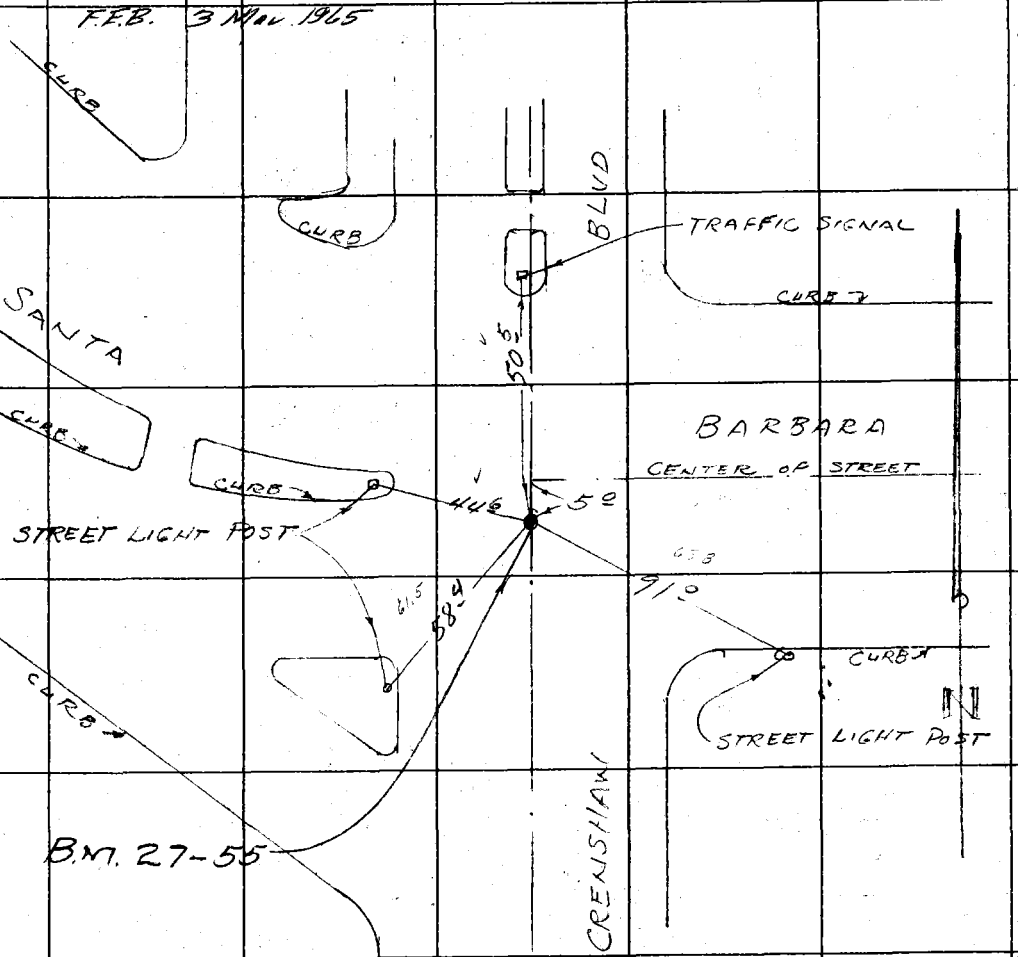
CRENSHAW BLVD AND SANTA BARBARA AVE., STD. TRAV. DISC HOLLY H-11A UNDER COVER ON ℄ CRENSHAW BLVD AND ℄ SANTA BARBARA AVE.

REF. 22103-35

L.A. Co. 1953 Adj Elev = 115.090

L.A. Co. 1956-57 Adj. Elev. 114.908

See F.B. 3703-105 for new description
F.E.B. 3 Mar. 1965



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RETURN TO
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76F3095 247 2-51

F. B. 1323 PG. 48

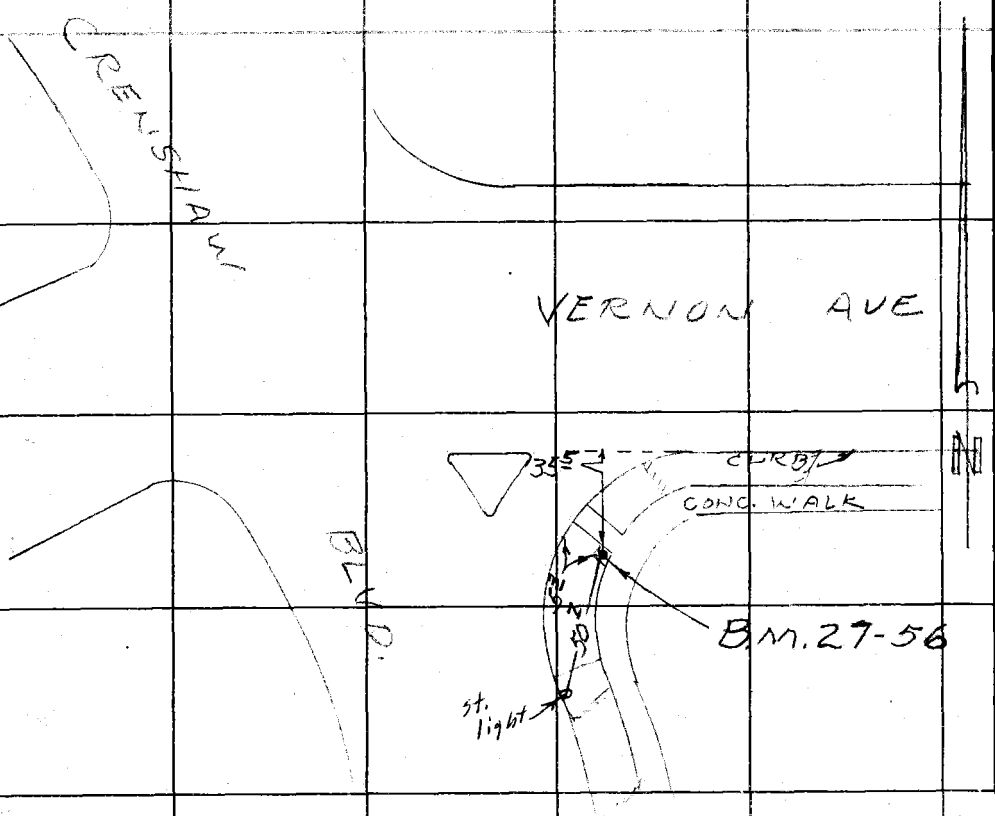
B.M. 27-56

CRENSHAW BLVD AND VERNON AVE., SOUTHEAST CORNER A ~~STANDARD~~ L.A. COUNTY SURVEYOR ~~MONUMENT~~ 2 1/2" Bottom Brass Cap stamped ~~MARKED~~ "B.M. 27-56 1953 RE.63" SET IN CONCRETE 11 INCHES DEEP ~~1 FT OFF THE STREET EDGE OF~~ in THE SIDEWALK, 5.3 FT. BACK OF THE APPROXIMATE MIDDLE OF THE CURB RETURN, 35.5 FT. SOUTH OF THE WESTERLY PROLONGATION OF THE SOUTH CURB OF VERNON AVE., and 60.8 ft N'ly of a PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

L.A. Co. 1953 Adj. Elev. 131.913

FEB. 3 Mar. 1965

See F.B. 3703-109 for BM 27-56A
FEB. 3 Mar. 1965



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Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 3-26-53
Date	Indexed E. C. Johnson

F.B. 1393 PG. 49

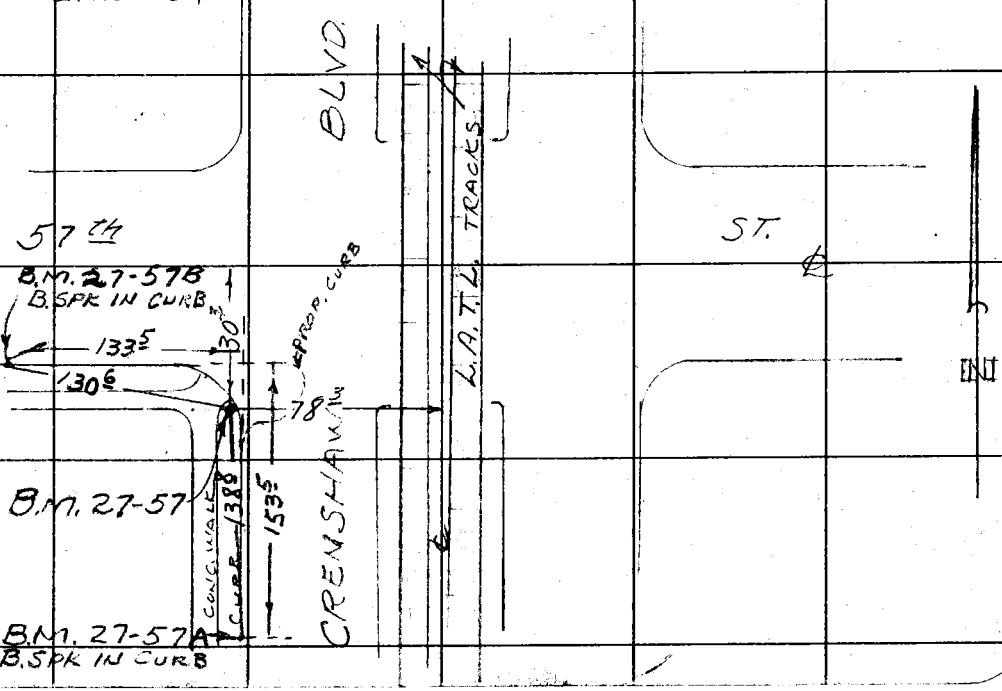
B.M. 27-57

CRENSHAW BLVD. AND 57th ST., SOUTH WEST CORNER, A STANDARD COUNTY SURVEYOR MONUMENT MARKED "B.M. 27-57 1953 R.E. 63" SET IN CONCRETE 11 INCHES BELOW THE SURFACE, ON THE E'LY PROLONGATION OF THE S. EDGE OF THE SOUTH WALK OF 57th ST., 1.2 FT. BACK OF THE CURB 30.3 FEET SOUTH OF THE ℄ OF 57th ST., 78.3 FEET WEST OF THE CENTER OF L.A.T.L. R/W, IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

L.A. Co. 1953 Adj. Elev. = 179.234

7-15-58 E.D. THIS B.M. (27-57) SHOULD NOT BE DESTROYED BY CONST. FOR ELEV. OF B.M.S 27-57A AND 27-57B

27-57 Destroyed by const.
3 June 1960
F.E.B.
SEE PAGE 67



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

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

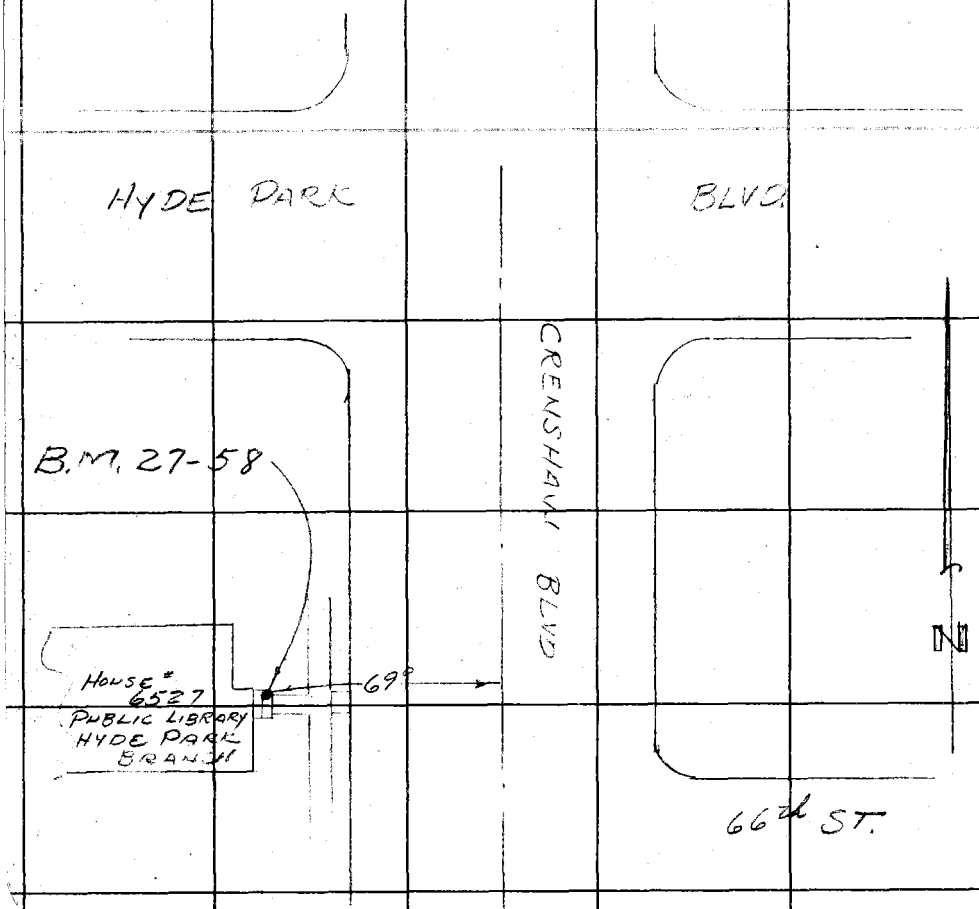
76F309S 247 2-51

F.B. 1393 PG. 50

B.M. 27-58 (L.A. CITY # 241)
CRENSHAW BLVD, WEST SIDE AT 66TH ST,
CITY DISC #241, N. END OF 1ST CEM. STEP TO
HYDE PARK BR. LIBRARY, 20' W OF CRENSHAW
BLVD., 15' N. OF N. LINE PROJ 66TH ST.
REF: 22103-36

L.A.Co. 1953 Adj. Elev.: 162.743'

Destroyed by new
Const. F.B.
SEE PAGE 68



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	L. A. CO. PRECISE LEVEL NET
Map No.	Survey of
Office Work	W. O. 4923 Tape No. St'd. °F
Checked	Surveyed by C. E. DREIER
Date	Notes G. E. DREIER Date 3-26-53
	Indexed ~~K. C. Johnson~~

F. B. 1393 PG. 51

B.M. 27-59 (U.S. 3442 A-415)

AT LOS ANGELES, LOS ANGELES CO. ON THE A.T. & S.F. RY. AT THE CRENSHAW BLVD CROSSING, 12 FEET NORTHWEST OF ~~THE C.L.~~ NEAR RAIL OF THE TRACK, AND 13 FEET EAST OF THE EAST CRENSHAW AVE CURB. STANDARD DISK, STAMPED "A 415 1935" SET IN THE TOP OF A CONCRETE POST.

L.A. Co. 1953 Adj. Elev.: 160.408

See F.B. 3703-115, 116 for new description FEB. 4 Mar 65

B.M. 27-60 (U.S. 3441 Z-414)

AT LOS ANGELES, LOS ANGELES CO. ON THE A.T. & S.F. RY BETWEEN THE WEST 67th ST. AND CRENSHAW ~~AVE~~ BLVD CROSSINGS, ABOUT 200 FT S.W. OF THE CENTER OF THE 67th ST. CROSSING, 19 FT. S. OF THE S. 67th ST. CURB, 14 FT. N.W. OF THE ~~C.L.~~ NEAR RAIL OF THE TRACK AND 5 FT N.E. OF A WHISTLE POST. STANDARD DISK, STAMPED "Z-414 1935" AND SET IN THE TOP OF A CONCRETE POST.

L.A. Co. 1953 Adj. Elev. 159.449

B.M. 27-61 (U.S. 3444 C-415)

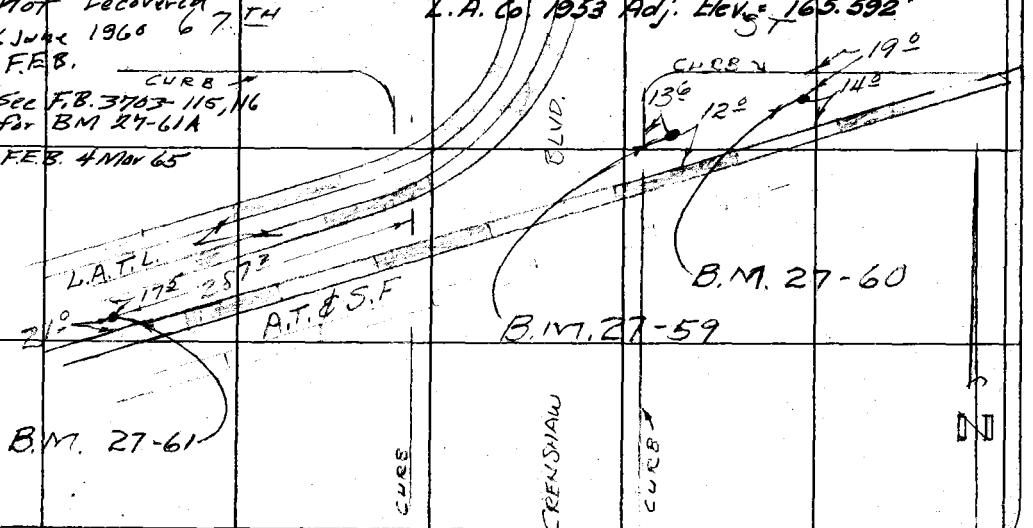
AT LOS ANGELES, LOS ANGELES CO, ON THE A.T. & S.F. RY. ABOUT 90 YDS. S.W. OF THE WEST CRENSHAW ~~AVE~~ BLVD. CURB, 21 FT. N.W. OF THE ~~C.L.~~ NEAR RAIL OF THE TRACK, AND 18 FT. S.E. OF THE EAST-BOUND STREET CAR TRACK. STANDARD DISK, STAMPED "C-415 1935" AND SET IN THE TOP OF A CONCRETE POST.

L.A. Co. 1953 Adj. Elev. 165.592

Not recovered 6 June 1960 67TH F.E.B.

See F.B. 3703-115, 116 for BM 27-61A

F.E.B. 4 Mar 65



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
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76F3095 247 2-51

F. B. 1393 PG. 52

B.M. 27-62 (L.A. CITY)

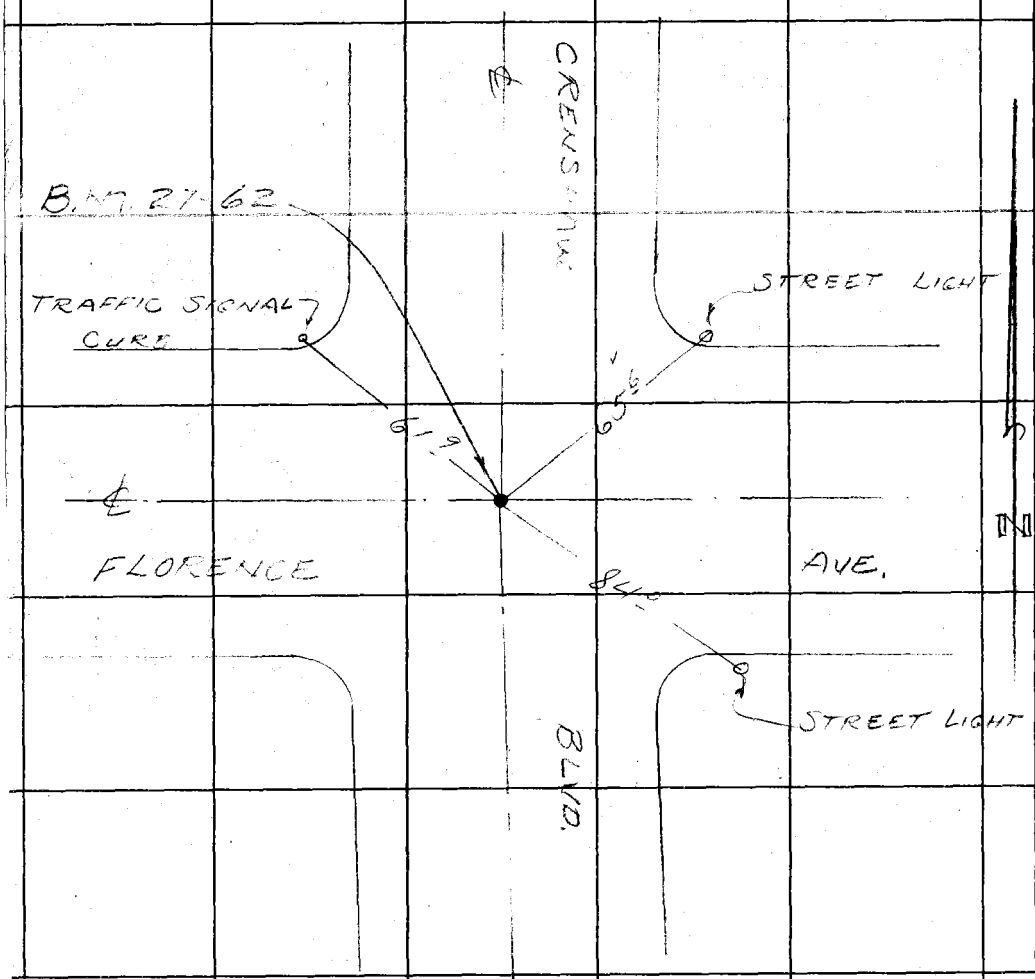
CRENSHAW BLVD. AND FLORENCE AVE.

STD. SUR. MON. (3/4 INCH HEXAGON. BAR SET IN CONCRETE 10 INCHES DEEP) UNDER COVER ON ℄ OF CRENSHAW BLVD AND ℄ OF FLORENCE AVE.

REF: 22103-37

see F.B. 3703-117 for new description F.E.B. 4 Mar 1965

L.A. Co. 1953 Adj. Elev.: 159.466'



RETURN TO
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726 LOS ANGELES COUNTY
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Notes Ck'd by	**L.A. CO. PRECISE LEVEL NET**	F.B. 1323 Pg. 53
Map No.	Survey of	
Office Work	W. Of 1923 Tape No. St'd. °F	
Checked	Surveyed by G.E. DOBIER	
Date	Notes G.E. DOBIER Date 4-1-53	
	Indexed A. C. Johnson	

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RETURN TO
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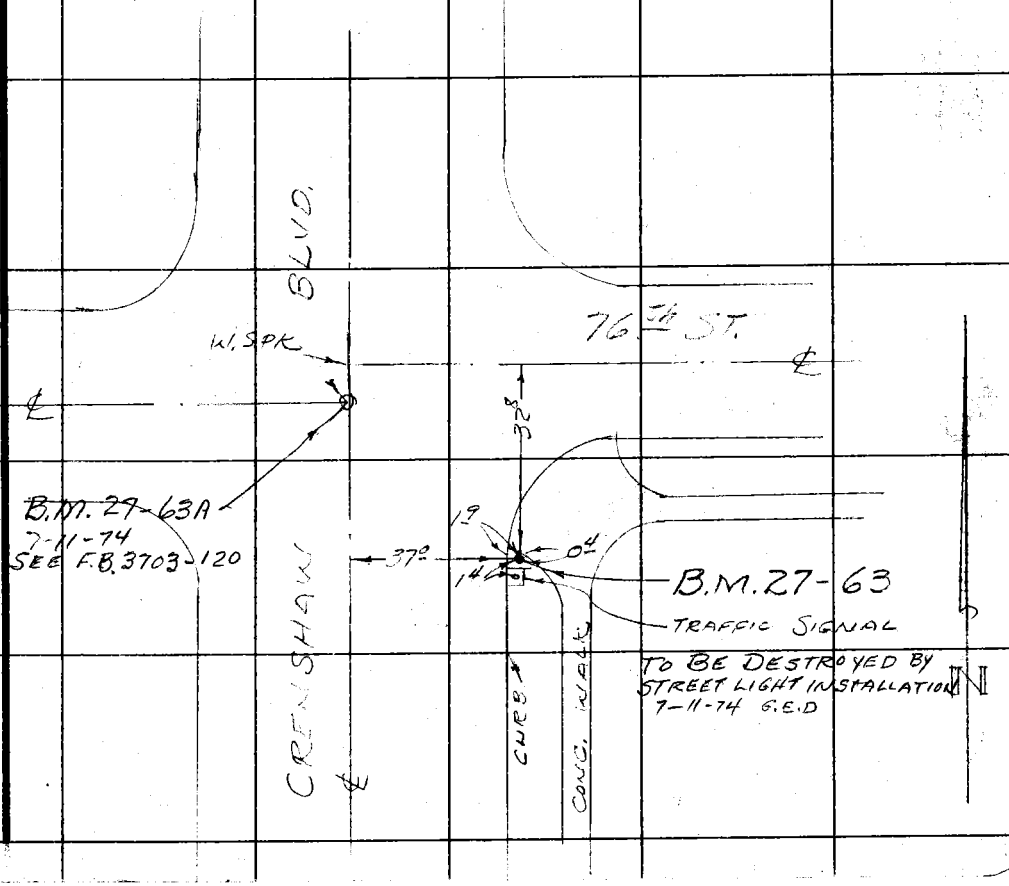
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

FEB 4 March 65

B.M. 27-63 (L.A. CITY 21-P-1)
CRENSHAW BLVD AND 76TH ST., S.E. Cor. L.A. City 3½" Brass B.M. disk set in top of 8" dia. conc post 1" Below walk ~~CITY DISC 21-P-1 IN 8" MON.~~ 1.8 E.
OF E. CURB CRENSHAW BLVD AT B.C.
CURB RETURN ~~50.7' S. OF N. CURB LINE~~
~~PROD. OF 76TH ST.~~ Mark stamped No 21-P-1
208.70 FT.
REF:- 22103-37
L.A. Co. 1953 Adj. Elev. = 208.422



76F309S 247 2-51

F. B. 1393 PG. 54

B.M. 27-64 (L.A. CITY 13-C)

~~CRENSHAW BLVD AND 80TH ST.,~~

~~CITY DISK 13-C IN 8" WOOD 3' W. OF W. CURB~~
~~CRENSHAW BLVD., 26' S. OF S. CURB LINE~~
~~80TH ST.~~

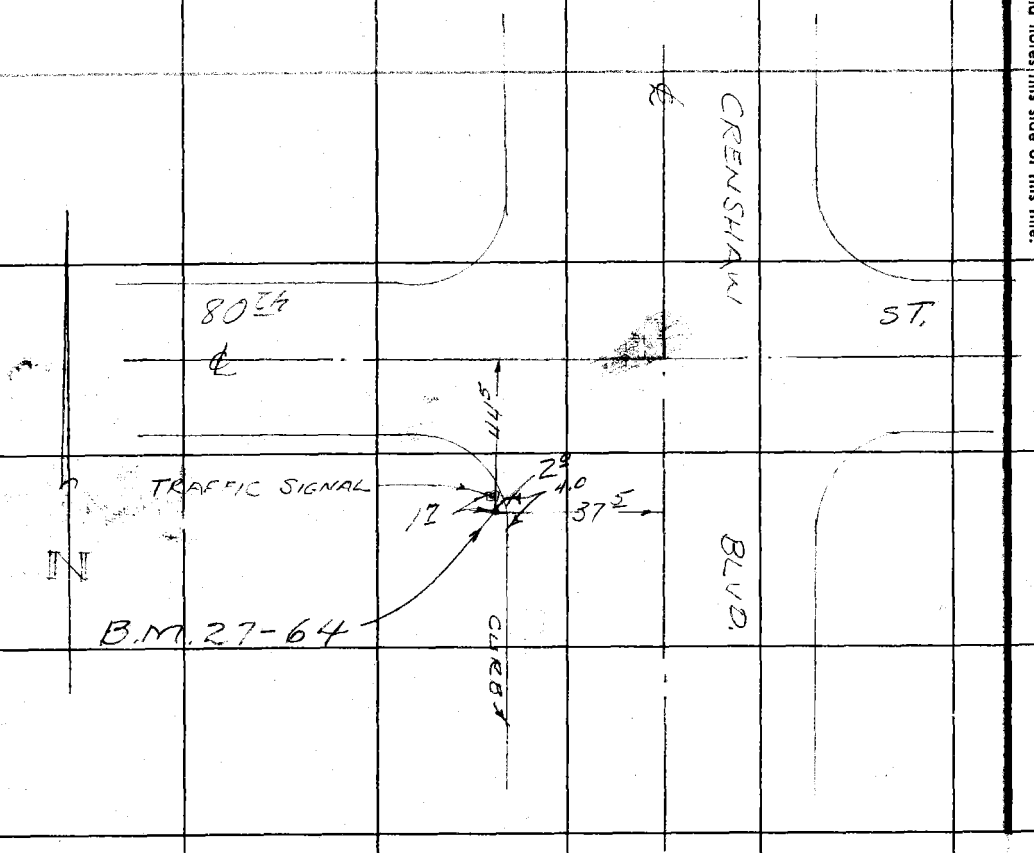
OK

REF:- 22103-37

L.A.Co. 1953 Adj. Elev. = 242.962

FEB 4 Mar 65

BM 27-64 (L.A. City No 13-C)
CRENSHAW BLVD and 80th S.~~T.~~ S.W. Cor. The mark is a L.A. City 3½" Brass Bench Mark Disk set in a 8" dia conc post flush. 4.0 ft N. of S. end C.R. and 2.0 ft W. of curb. The mark is stamped 213.20 FEET No 13-C.



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Notes Ck'd by	**L.A. CO. PRECISE LEVEL NET**	F.B. 1393 Pg. 55
Map No.	Survey of W.O. 4923 Tape No. St'd. °F	
Office Work	Surveyed by G.E. DREIER	
Checked	Notes G.E. DREIER Date 4-1-53	
Date	Indexed E. C. Johnson	

B.M. 27-65 (L.A. City)

~~81ST STREET AND 8TH AVENUE TO EAST, STD. SUR. MON. UNDER COVER ON ℄ OF 8TH AVE. AND ℄ 81ST ST. TO EAST. (3/4" HEX BAR SET IN CONC. 8" DEEP)~~

REF:- 22103-37

L.A.Co. 1953 Adj. Elev.: 225.329

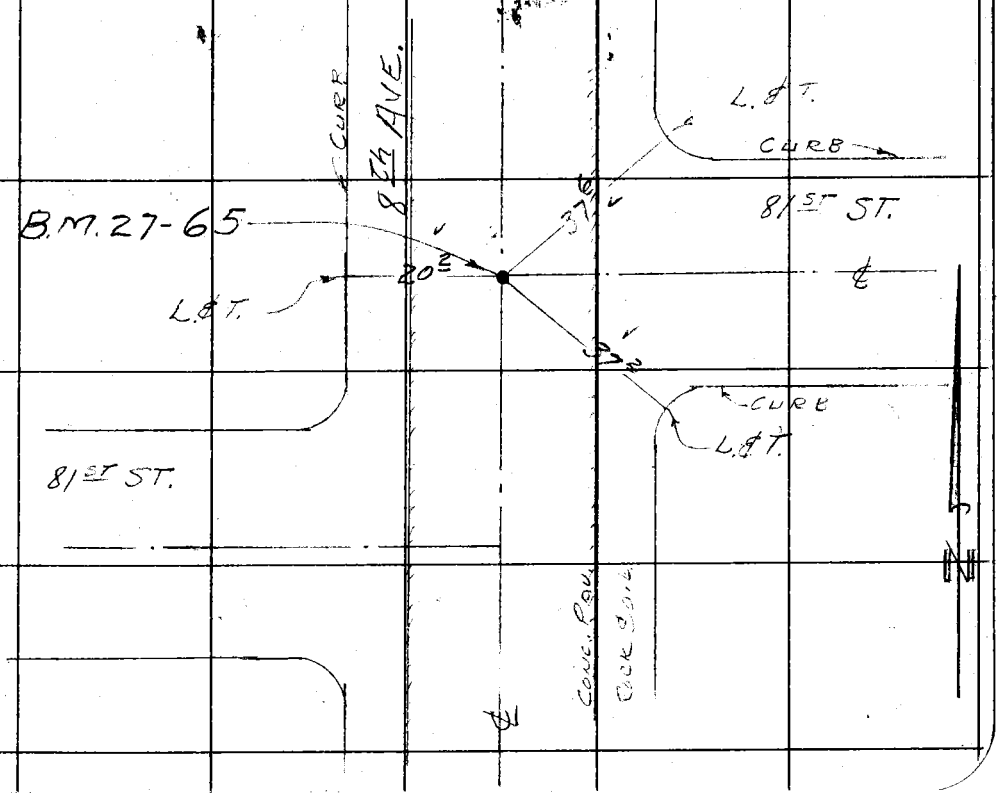
FEB 4 Mar 65

BM 27-65 (L.A. City)

The mark is at 8th AVE and 81ST ST. To E. ℄ inter. The mark is a City of L.A. 3/4" hex bar set in conc. 8"dn protected by a cast iron cover marked CITY of L.A. ENGINEERING MONUMENT. The mark is 20.2 ft E. of L.&T in W. Curb.

37.6 " S.W. " " " M.C.R. of N.E. Cor.

37.2 " NW " " " " " S.E. "



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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51

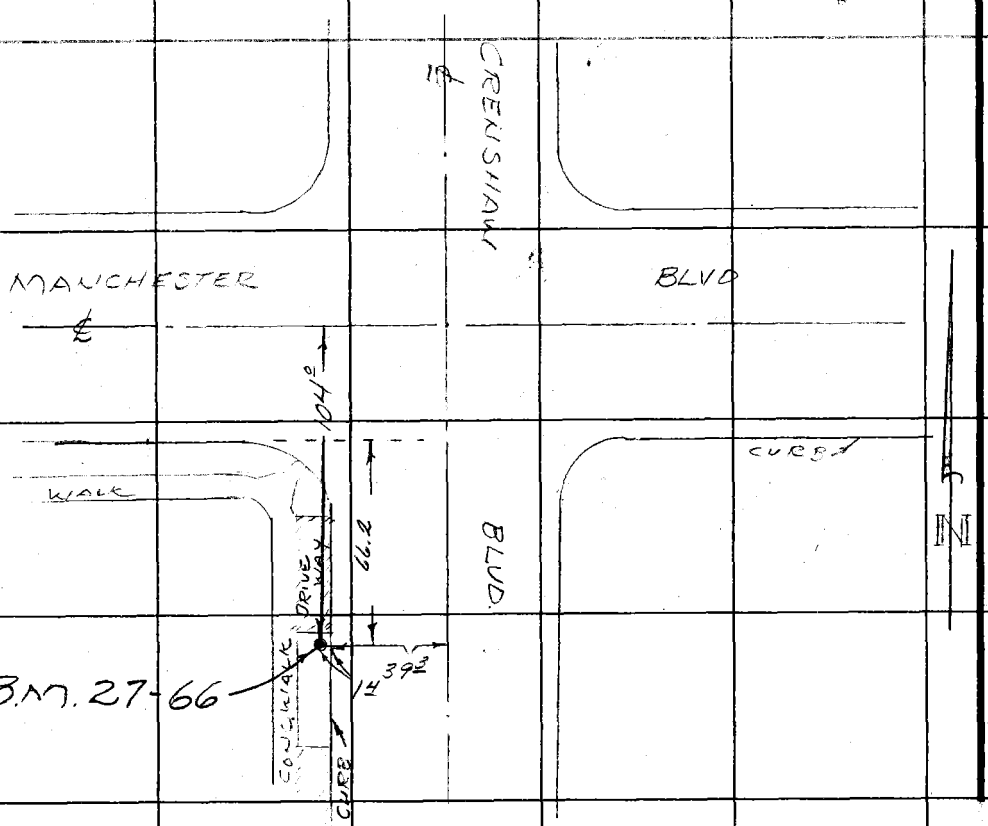
F. B. 1393 PG. 56

B.M. 27-66

CRENSHAW BLVD AND MANCHESTER BLVD. S.W. COR. A ~~STANDARD~~ L.A. COUNTY SURVEYOR ~~MONUMENT~~ 2 1/2" Button Brass Cap STAMPED "B.M. 27-66 1953 R.E. 63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE, 104 FT SOUTH OF THE ℄ OF MANCHESTER BLVD AND 39.3 FT. WEST OF THE ℄ OF CRENSHAW BLVD, 1.4 FT BACK OF THE CURB 66.2 ft. S. of S. curb of Manchester Blvd. IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

L.A. Co. 1953 Adj. Elev = 214.515

F.E.B. 4 Nov. 1965



RETURN TO
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726 LOS ANGELES COUNTY
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Notes Ck'd by
Map No.
Office Work
Checked
Date

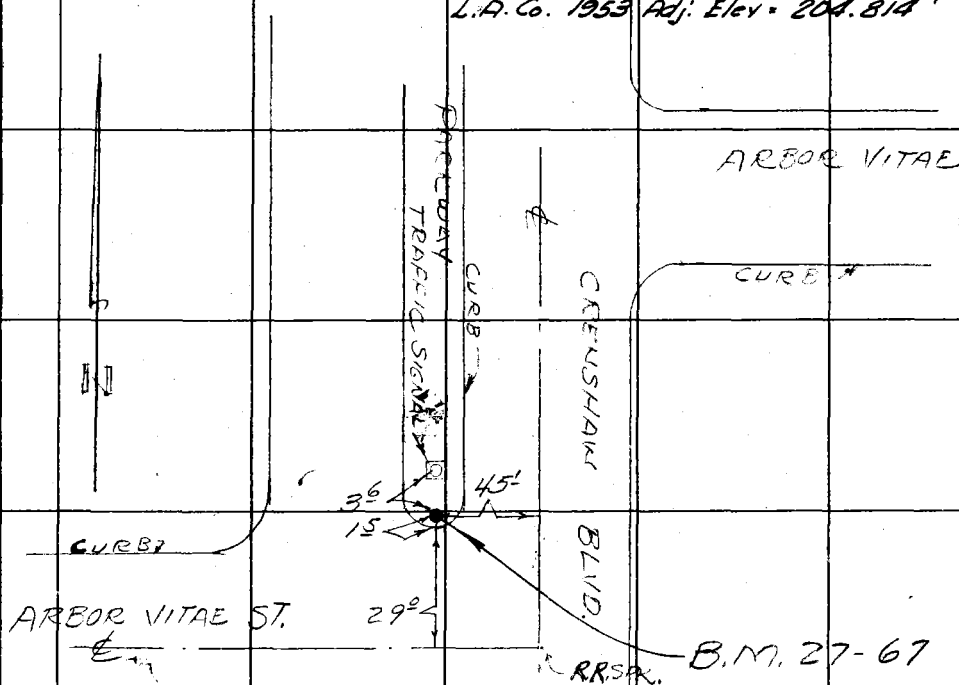
L.A. CO. PRECISE LEVEL NET

Survey of
W. O. 4923 Tape No. St'd. °F
Surveyed by G.E. DREIER
Notes G.E. DREIER Date 3-3-53
Indexed E. C. Johnson

F. B. 1393 PG. 57

B.M. 27-67
CRENSHAW BLVD AND ARBOR VITAE ST. TO W
A ~~STANDARD~~ L.A. COUNTY SURVEYOR ~~MONUMENT~~ 2½" Bronze Brass Cap
STAMPED "B.M. 27-67 1955 RE. 63" SET IN
CONCRETE 12" INCHES BELOW THE SURFACE,
45.1 FT. WEST OF THE ℄ OF CRENSHAW BLVD,
29.0 FT. NORTH OF THE ℄ OF ARBOR VITAE ST.
TO WEST, 1.5 FT BACK OF THE CURB AT THE
CENTER OF THE S'LY END OF PARKWAY, IN
A WELL PROTECTED BY A CAST IRON
COVER MARKED "COUNTY SURVEYOR MONUMENT."
L.A. Co. 1953 Adj. Elev = 204.814'

FEB 4 Nov 1965



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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F. B. 1395 PG. 58

B.M. 27-68

CRENSHAW BLVD AND CENTURY BLVD.

S.W. Cor., A ~~STANDARD~~ L.A. COUNTY SURVEYOR ~~MONUMENT~~ 2½" Button Brass Cap STAMPED B.M. 27-68 1953 R.E63"

SET IN CONCRETE 10 INCHES BELOW THE SURFACE, 46.5 FT. WEST OF THE ℄ OF CRENSHAW BLVD. AND 49.7 FT. SOUTH OF THE ℄ OF CENTURY BLVD., 1.6 FT BACK OF CURB AT APPROXIMATE MIDDLE OF CURB RETURN, IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

L.A. Co. 1953 Adj. Elev.: 167.573'

FEB. 4 Mar 1965

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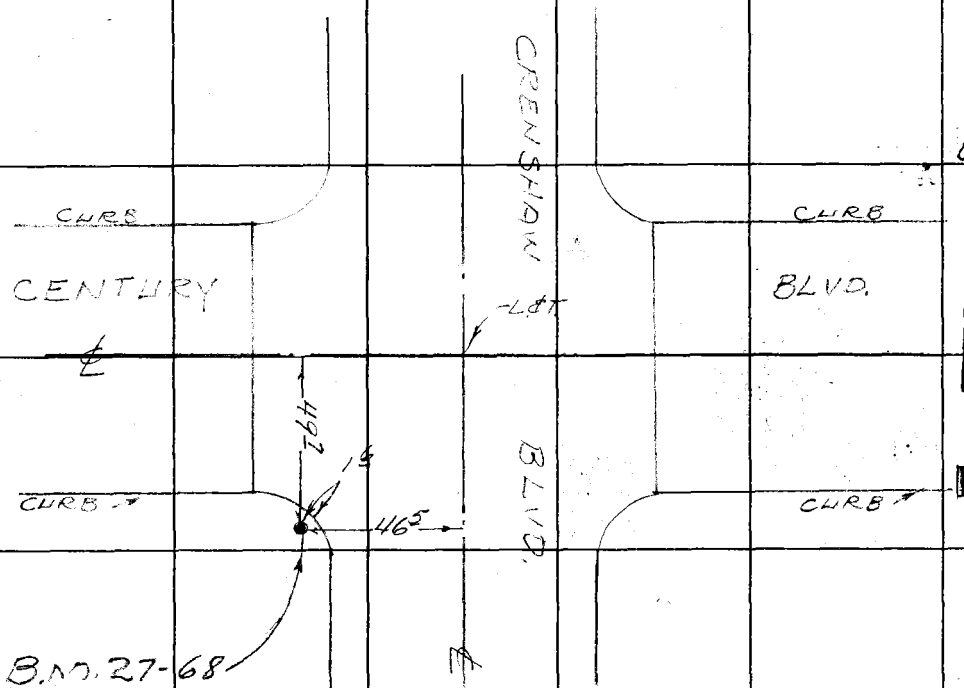


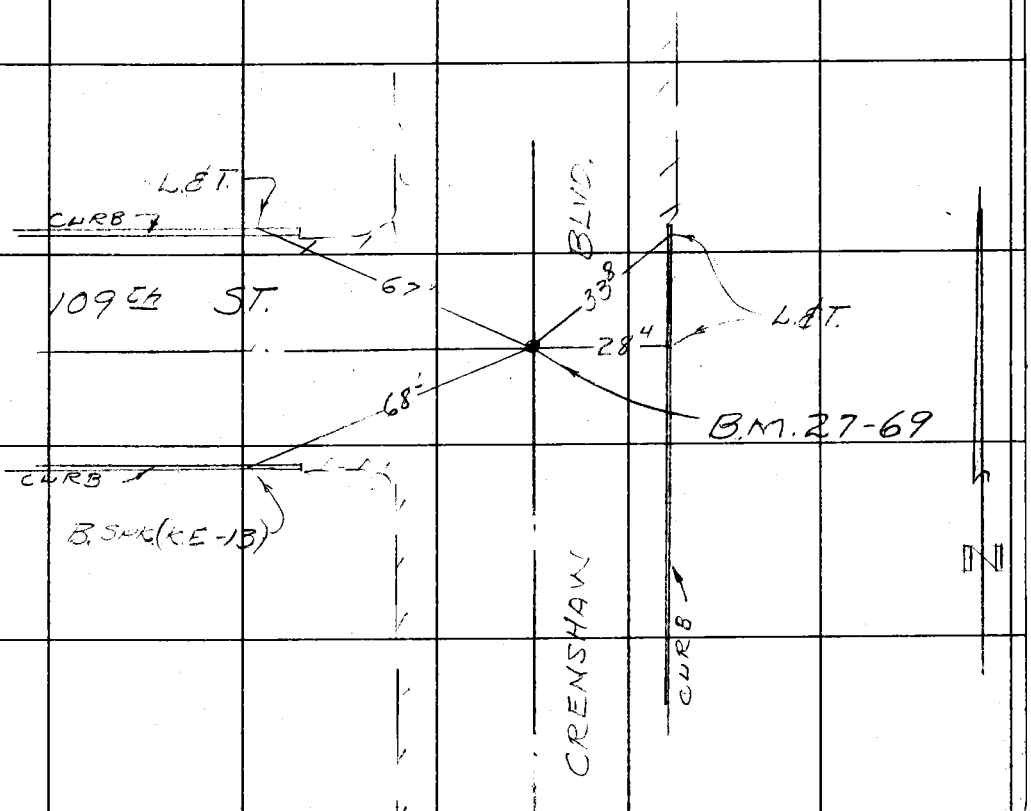
Notes Ck'd by	**L.A. CO. PRECISE LEVEL NET**	F. B. 1393 Pg. 59
Map No.	Survey of W. O. 4923 Tape No. St'd °F	
Office Work	Surveyed by C.E. DREIER	
Checked	Notes C.E. DREIER Date 3-31-58	
Date	Indexed R. C. Johnson	

B.M. 27-69

CRENSHAW BLVD AND 109TH STREET, ℄ INTERSECTION, A STANDARD ROAD DEPT BRASS DISK MARKED "L.A.CO. RD. 1950" SET IN CONCRETE 8 INCHES BELOW THE SURFACE IN A WELL PROTECTED BY A CAST IRON COVER MARKED "L.A. COUNTY ROAD DEPT."

L.A.Co. 1953 Adj. Elev = 92.123'

Not recovered 6 June 1960, F.E.B. SEE PAGE 69



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726 LOS ANGELES COUNTY
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76F309S 247 2-51

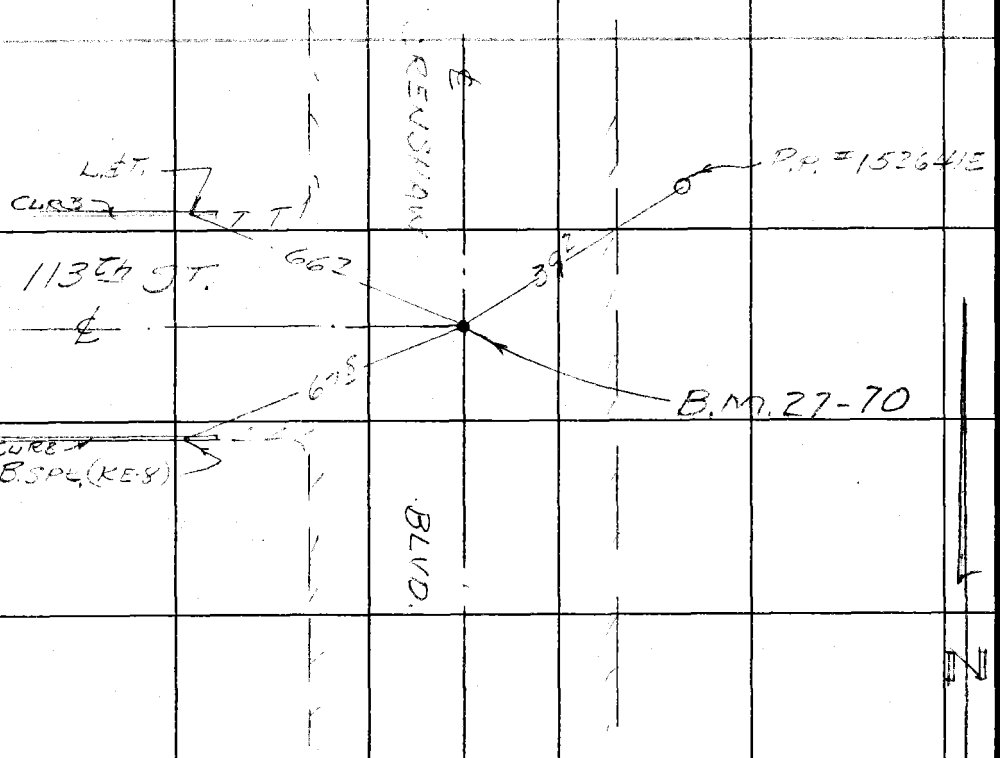
F. B. 1393 PG. 60

B.M. 27-70

CRENSHAW BLVD AND 113TH STREET, ℄ INTERSECTION, A STANDARD BRASS DISC STAMPED "L.A. CO. RD 1960" SET IN CONCRETE 7 INCHES BELOW THE SURFACE IN A WELL PROTECTED BY A CAST IRON COVER MARKED "L.A. COUNTY ROAD DEPT."

L.A. Co. 1953 Adj. Elev: 79.193'

Not recovered 6 June 1960
F.E.B.



RETURN TO
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Map No.	Survey of W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 4-6-53
Date	Indexed E. C. Johnson

F. B. 1393 PG. 61

FEB 4 Mar 1965

B.M. 27-71 (F.C.B.M. 114-51)

52' DOMINGUEZ CHANNEL AT CRENSHAW BLVD, 51' NORTH OF THE ℄ OF CHANNEL, 39' EAST OF THE ℄ OF CRENSHAW BLVD, 124' SOUTH OF THE SOUTH CURB OF 119th PLACE, IN TOP OF AND AT THE SOUTH WEST CORNER OF A CONC. CATH BASIN, A L.A. Co. F.C. ~~STD.~~ 3½ BRASS ~~CAP~~ Disk STAMPED "B.M. 114-51 1948."

REF S.D.C.B. 21-123

L.A. Co. 1953 Adj. Elev = 57.837

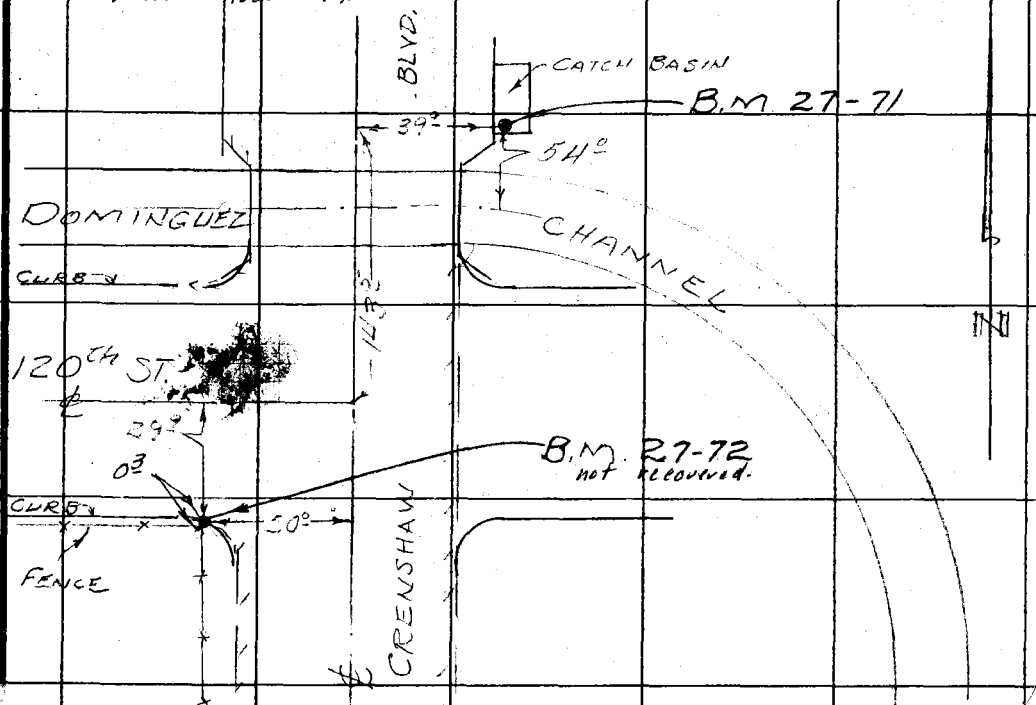
B.M. 27-72 F.C.B.M. 114-204

DOMINGUEZ CHANNEL AT CRENSHAW BLVD., & 120th ST., 49.8' W. OF ℄ OF CRENSHAW BLVD, & ON SO. W. PROPERTY COR. OF INTERS, Fd. SPIKE IN CONC. 0.3' N.E. OF N.E. COR. OF STEEL FENCE AT NORTHROP AIRCRAFT PLANT.

REF - S.D.C.B. 21-40, S.D.C.B. 21-123

not recovered 4 March 1965 F.E.B.

L.A. Co. 1953 Adj. Elev = 57.558



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RETURN TO
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726 LOS ANGELES COUNTY
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76F309S 247 2-51

F.B. 1393 PG. 62

FEB 4 Mar 1965

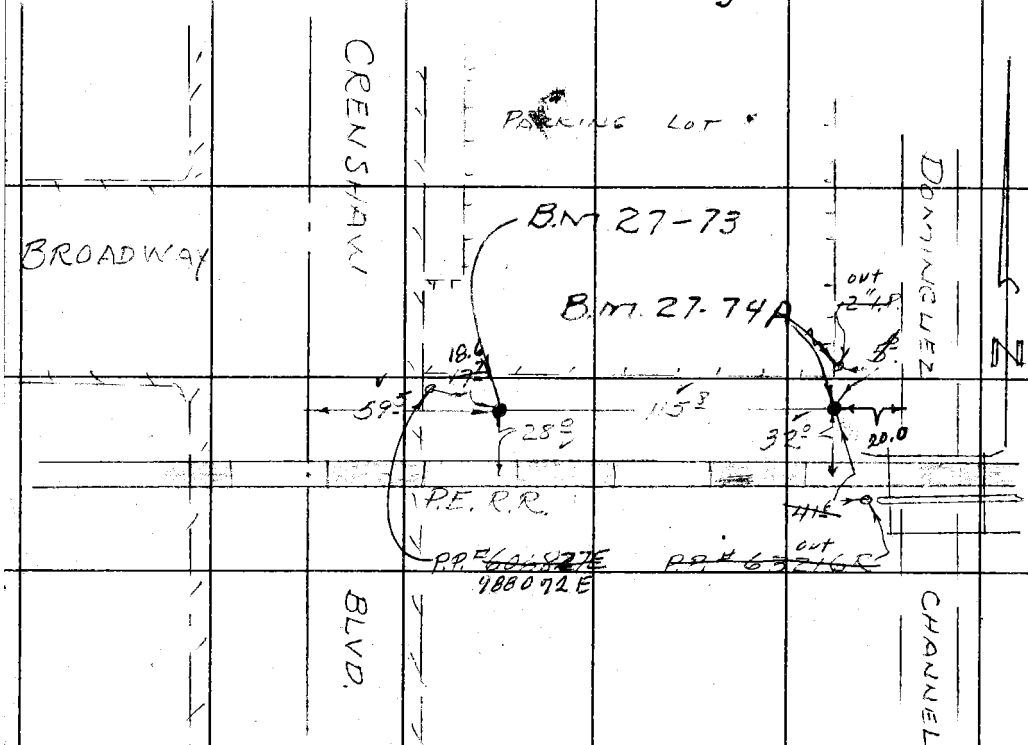
B.M. 27-73 (L.A.Co. Rd. Dept. B.M. 157) (F.C. 114-157Y)
D.D.I. #8, 59.46' EAST OF THE CENTERLINE OF CRENSHAW BLVD. AND 28.41' NORTH OF THE CENTER LINE OF THE P.E.R.Y. TRACKS, A ~~STD.~~ L.A.Co. ROAD DEPT. COPPER DISC IN A 10" x 10" CONC. POST DOWN 26" stamped BM 157
2 1/2"
REF:- S-1000-259; F.C. 1584-21; S.D.C.B. 1-83; S.D.C.B. 21-123

L.A.Co. 1953 Adj. Elev = 52.897

FEB 4 Mar 65

B.M. 27-74A (F.C. B.M. ~~114-56~~ 114-RW-111)
DOMINGUEZ CHANNEL, 1148.4 NORTH OF ℄ EL SEGUNDO BLVD., ON THE WEST SIDE OF CHANNEL, 32' NORTH OF ℄ P.E.R.R. TRACKS, 175' EAST OF ℄ CRENSHAW BLVD. ~~5' SOUTH OF A I.P. MARKER~~, A ~~STD.~~ L.A.Co. F.C. ~~MON.~~ 3 1/2" Brass Disk 12" DEEP STAMPED "B.M. ~~114-56 R/W 114-39 '48~~ 114-RW-111 1964" set in conc.
REF:- S.D.C.B. 21-123

L.A.Co. 1953 Adj. Elev = 52.323



RETURN TO
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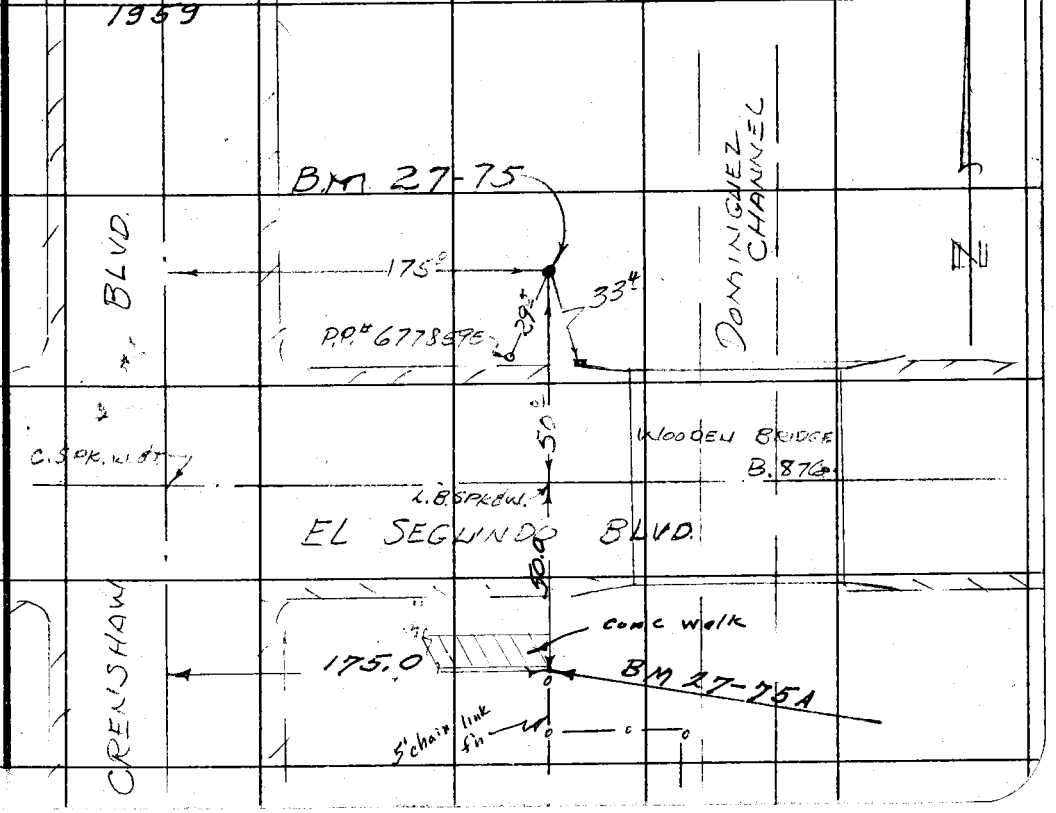
Notes Ck'd by	L. A. CO. PRECISE LEVEL NET
Map No.	Survey of
Office Work	W. O. 4923 Tape No. St'd. °F
Checked	Surveyed by G. E. DREIER
Date	Notes G. E. DREIER Date 4-6-53
	Indexed K. C. Johnson

F. B. 1393 PG. 63

B.M. 27-75 (F.C. B.M. 114-55)
DOMINGUEZ CHANNEL AT EL SEGUNDO BLVD. ON THE WEST SIDE OF CHANNEL, 174' EAST OF THE ℄ OF CRENSHAW BLVD., 50' NORTH OF ℄ EL SEGUNDO BLVD., 5' SOUTH OF A I.P. MARKER A STD. F.C. MON 2' DEEP STAMPED "B.M. 114-55 R/W 114-29 1948"
out 11 July 1960
F.E. Brooks
REF. S.D.C.B. 21-123
L.A.Co. 1953 Adj. Elev: 47.839'

BM 27-75A
Dominguez Channel at El Segundo Blvd. on the west side of the channel, 175' East of ℄ Crenshaw Blvd 50' South of ℄ El Segundo Blvd. 12" below back edge of conc. walk. A ~~std~~ L.A.Co. F.C. 3/4" brass disc stamped 1959

F.E. Brooks 11 July 1960



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RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

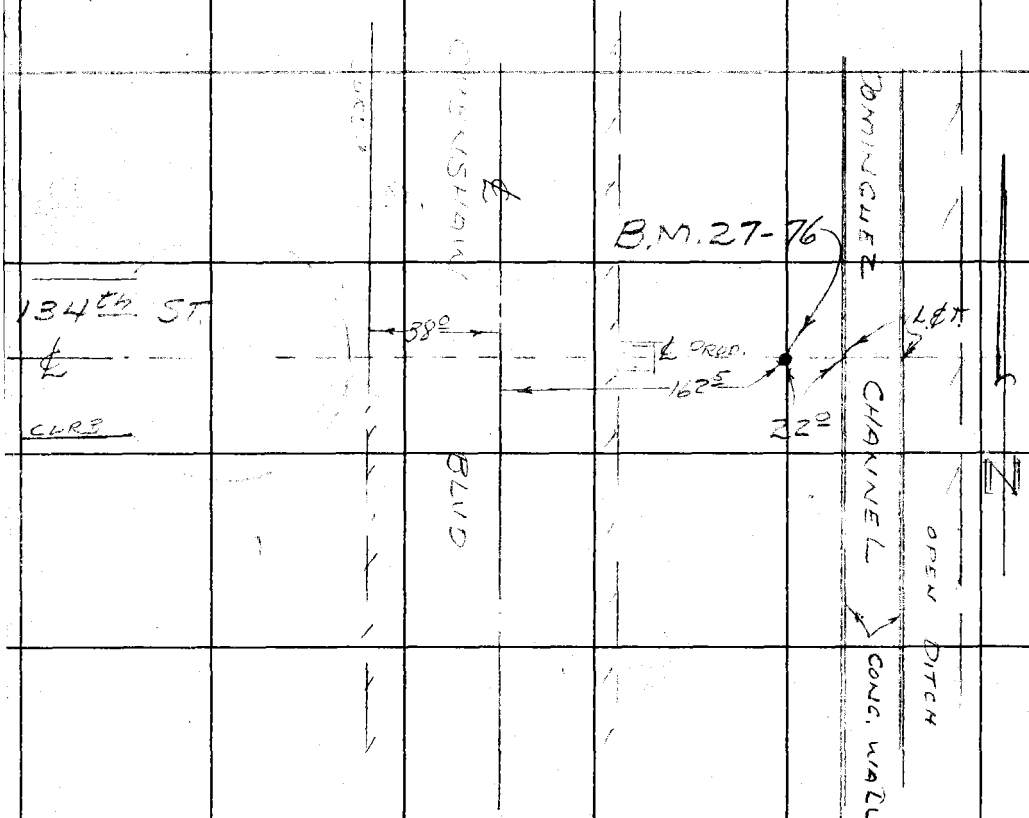
76F309S 247 2-51

F. B. 1393 PG. 64

B.M. 27-76. (F.C. B.M. 114-54)
DOMINGUEZ CHANNEL AT 134TH ST., ON THE WEST SIDE OF CHANNEL, 162' EAST OF THE ℄ OF CRENSHAW BLVD. ON THE ℄ OF 134TH ST. PROD., 22' WEST OF THE MOST WESTERLY WALL OF DOMINGUEZ CHANNEL, 5' SOUTH OF A IRON PIPE MARKER, A STD. F.C. MON. 12" DEEP STAMPED: B.M. 114-54, R.M. 114-15 1948
REF. S.D.C.B. 21-123

L.A. Co. 1953 Adj. Elev = 46.768'

Not recovered 2 June 1960 F.E.B.



RETURN TO
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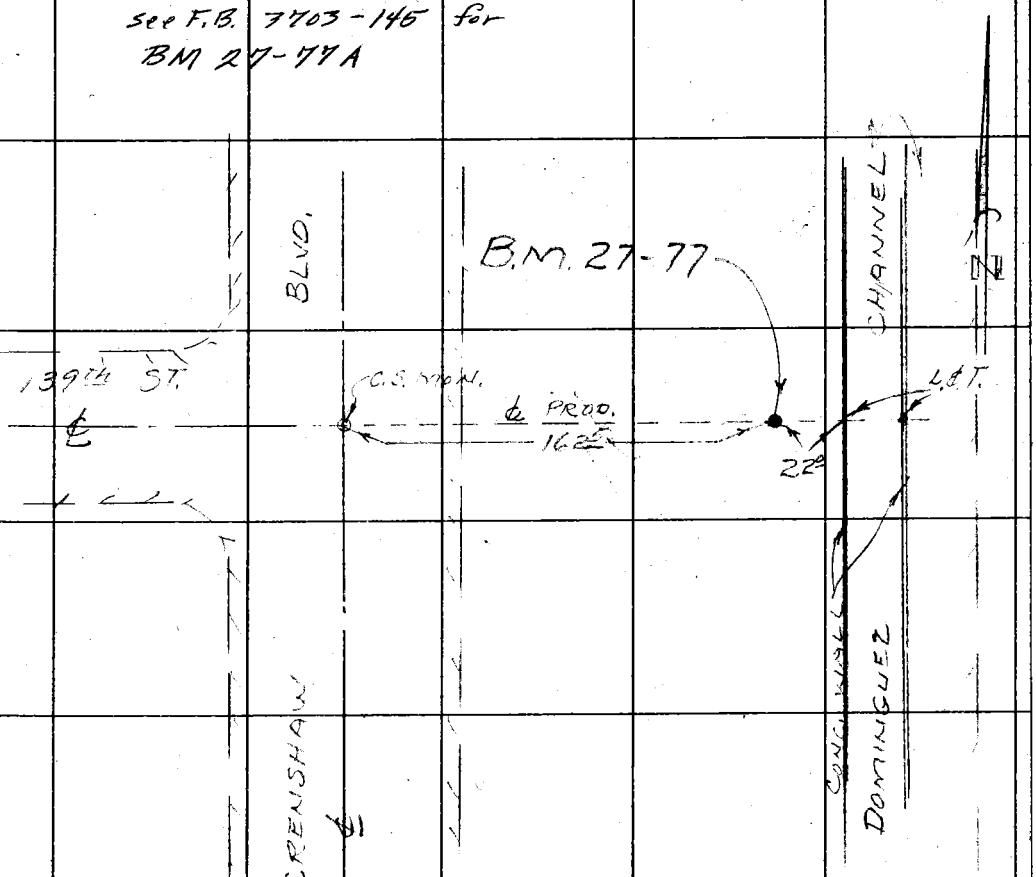
Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET
Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 4-3-53
Date	Indexed A. C. Johnson

F. B. 1393 PG. 65

B.M. 27-77 (F.C. B.M. 114-53)
DOMINGUEZ CHANNEL AT 139th ST, ON WEST SIDE OF CHANNEL 162' EAST OF ℄ OF CRENSHAW BLVD. ON ℄ PRODUCED OF 139th ST, 22' WEST OF A 6" CONC. WALL, THE MOST W'LY WALL OF DOMINGUEZ CHANNEL, A S'TD. F.C. MON. 12" DEEP IN CONC. 5' SO. OF A 2" I.P. MARKER, STAMPED B.M. 114-53, R/W 114-9, 1948
REF - S.D.C.B. 21-123

L.A.Co. 1953 Adj. Elev. = 47.731

Not recovered 4 March 1965 F.E.B.
see F.B. 3703-145 for
BM 27-77A



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Do not extend notes this side of this line.

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

76F309S 247 2-51

F.B. 1393 PG. 66

See F.B. 3703-43 for new description F.E.B. 13 Nov 1964

F.E. Brooks 27 June 1960

B.M. 27-19 A. (L.A. Co. Triangulation Station VENICE G-50 HA

BALLONA CREEK N'ly side of and 800 feet upstream from PACIFIC AVE. at old suspension bridge. In top of conc. anchor for bridge 2' W. of E. edge and 3' N of S edge a standard County Engineer Triangulation Brass Cap stamped VENICE G-50 1960.
Note this is a
FEB 13 Nov 1964

B.M. 27-21 A. (L.A. Co. Engr. P.C.B.M. 60)
BALLONA CREEK N'ly side 1850 feet aprox. E'ly of PACIFIC AVE. 10 feet S'ly from Top of Levee flush with Ground a standard County Engineer P.C.B.M. monument stamped BM 60 M.D.R. R.E. 5869. Not recovered 13 Nov 1964 F.E.B.
See F.B. 3703-46 for BM 27-21 B

B.M. 27-22 A. (L.A. Co. Engr P.C.B.M. 61)
BALLONA CREEK N'ly side 3020 feet aprox E'ly of PACIFIC AVE. 10 feet S'ly from top of Levee, flush with ground a standard County Engineer P.C.B.M. monument stamped BM 61 MDR R.E. 5869 not recovered 13 Nov 1964 F.E.B.
~~See F.B. 3703-47 for~~

BM 27-23 A (L.A. Co. Engr. Triangulation Station VENICE G-4)
BALLONA CREEK N'ly side 3440 feet aprox E'ly of PACIFIC AVE on top of Levee in a well protected by a cast iron cover marked COUNTY ENGINEER MONUMENT d/n 12" a standard County Engineer Triangulation Brass Cap. stamped VENICE G-4 1960
See F.B. 3703-47 for new description. also for BM 27-23 B
F.E.B. 13 Nov. 1964

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

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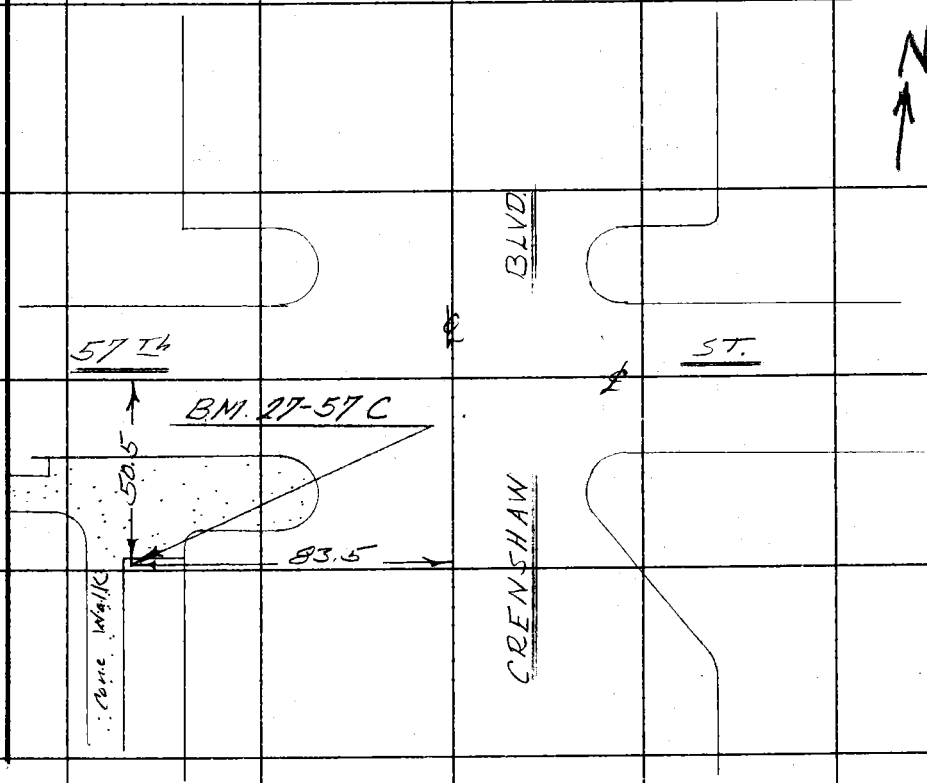
Notes Ck'd by	Survey of A.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Date 27 June 1960
Date	Indexed

F. B. 1393 PG. 67

FEB. 3 Mar. 65

BM 27-57C
CRENSHAW BLVD. and 57TH ST. south west corner in parkway. A ~~standard~~ L.A. County Engineer ~~B.M. Monument~~ 2 1/2" Button Brass Cap stamped B.M. 27-57C 1960 in conc. R.E. 5969 9" below walk. 83.5 feet West of ℄ Crenshaw Blvd. and 50.5 feet South of ℄ 57TH ST. in a well protected by a cast iron cover Marked COUNTY ENGINEER MONUMENT.



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

763095 CE #247—7-59

F. B. 1393 PG. 68

BM 27-58 A

CRENSHAW BLVD. West side of 66th ST. in parkway a ~~stamped~~ L.A. County Engineer 2 1/2" Button Brass Cap ~~B. M. Monument~~ Stamped BM 27-58 A 1960 R.E. 5869 9" below walk 45.0 feet West of ℄ Crenshaw Blvd. and 75.0 feet North of ℄ prod. of 66th ST. near North P/L produced East of L.A. City Public Library, in a well protected by a cast iron cover Marked COUNTY ENGINEER MONUMENT.

RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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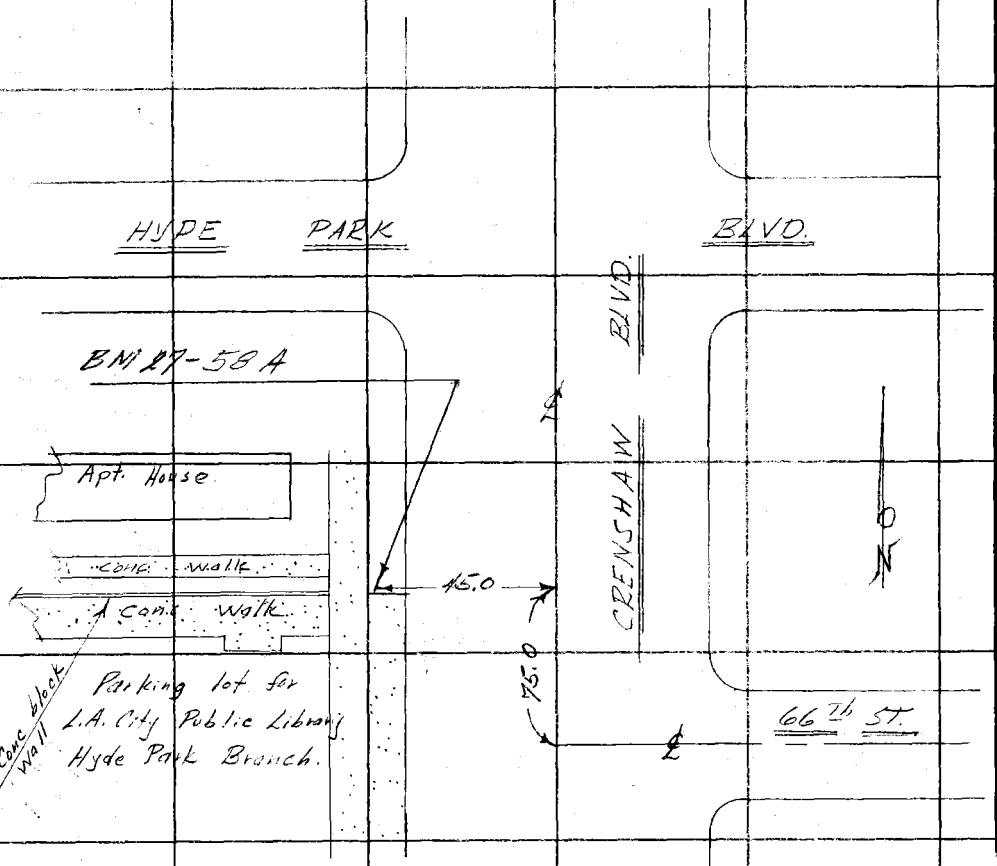


Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Date 27 June 1960
Date	Indexed

F. B. 1397 PG. 69

BM 27-24A (F.C. REF. BM 115-46)

BALLONA CREEK N'ly side 3650 feet aprox. E'ly of Pacific Ave. 160 feet N'ly of levee 12 feet S'ly of 2" I.P. guard punched & REF. B.M. a L.A. Co. F.C. Brass Cap. Monument 12" dia. stamped REF. B.M. 115-46

Not recovered 13 Nov 1964 F.E.B.

B.M. 27-50B.

JEFFERSON BLVD., RODEO RD., and LA CIENGA BLVD. aprox. ℄ intersection. The Easterly 3/4 inch hex bar of 2 hex bars set in conc. 10" below surface protected by a cast iron cover marked CITY of L.A. ENGINEERING

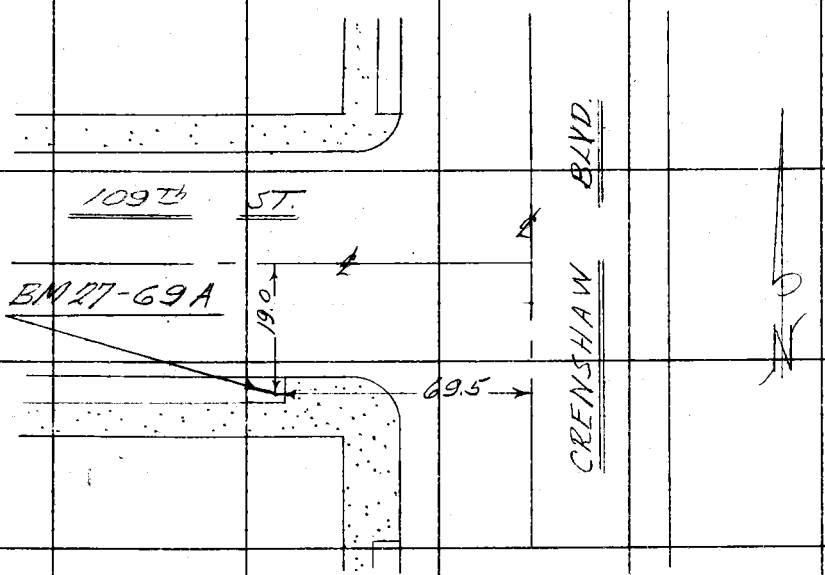
See F.B. 3703-95 for new description

F.E.B. 1 Mar. 1965

BM 27-69A

CRENSHAW BLVD. and 109th ST. South West Corner a ~~standard~~ L.A. County Engineer ~~B.M. Monument~~ 2 1/2" Bronze Brass Cap. set in conc. stamped B.M. 27-69A 1960 R.E. 5869 ∧ 9" below walk in parkway 69.5 feet west of ℄ Crenshaw Blvd. and 19.0 feet South of ℄ 109th ST. in a well protected by a cast iron cover marked COUNTY ENGINEER MONUMENT.

F.E.B. 4 Mar. 1965



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RETURN TO
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...00 LOS ANGELES COUNTY ENGINEERING BLDG.

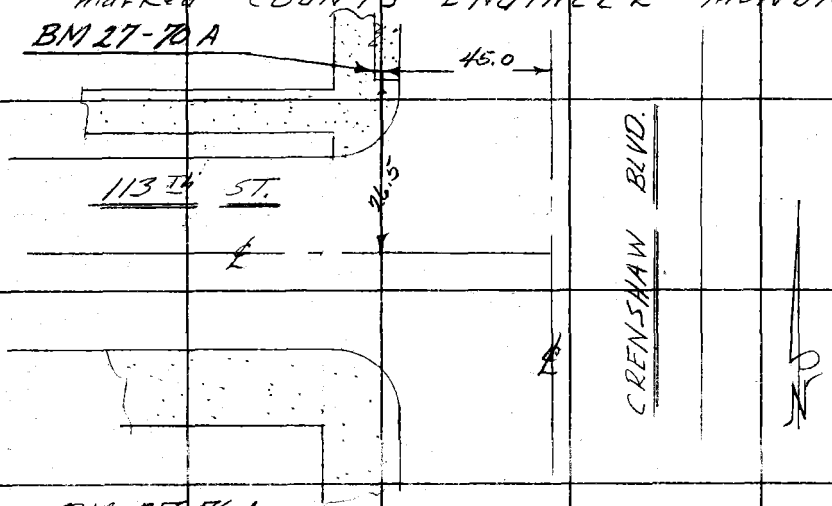
763095 CE #247—7-53

F. B. 1393 PG. 40

BM 27-70A

CRENSHAW BLVD and 113 Th St. North West Corner in park way a ~~standard~~ L.A. County Engineer ~~B.M. Monument~~ 2 1/2" Bu Hon Brass Cap stamped B.M. 27-70A 1960 R.E. 5869 10" below surface of walk in conc. 45.0 feet West of ℄ Crenshaw Blvd and 26.5 feet North of ℄ N3 Th St. in a well protected by a cast iron cover marked COUNTY ENGINEER MONUMENT.

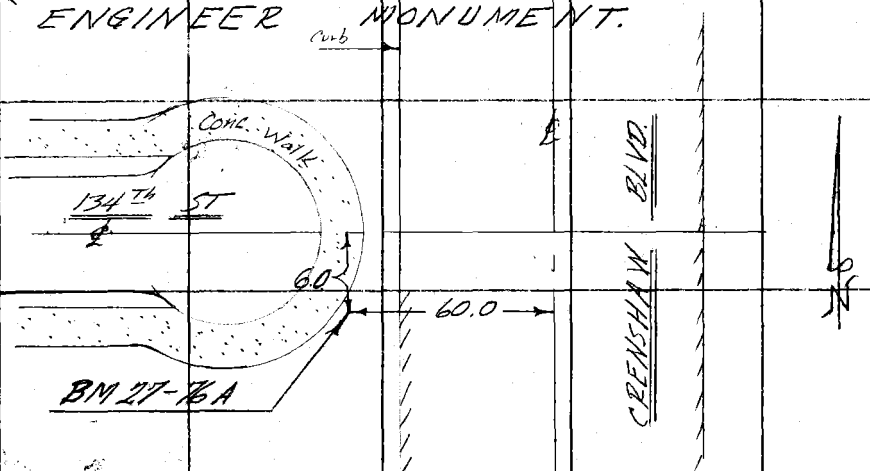
FEB. 4 Mar 65



B.M. 27-76 A.

CRENSHAW BLVD and 134 Th ST West side of Crenshaw Blvd. a ~~standard~~ L.A. County Engineer ~~B.M. Monument~~ 2 1/2" Bu Hon Brass Cap Stamped B.M. 27-76A 1960 R.E. 5869 set 10" below surface of walk 60.0 feet West of ℄ Crenshaw Blvd. and 6.0 feet South of ℄ prod of 134 Th St. in a well protected by a cast iron cover Marked COUNTY ENGINEER MONUMENT.

FEB 4 Mar 65



RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. SREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G.E. [illegible] Time 10:15 to 10:55 Rod No. 2 [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-24 To B.M. 27-1
Date 2-24-53
Indexed C. Johnson 3-26-53

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.982		165		#2	5.373		160		B.M. 21-24 (U.S. 3646 Y-614)
	1.817		165			5.213		156		ROSECRANS AVE & [illegible]
	1.652		330 ✓			5.057		316 ✓		SEE F.B. [illegible]
1	5.451 ✓	1.817 ✓		330 ✓	57°	15.643 ✓	5.214 ✓		316 ✓	FOR DESCRIPTION
	5.496		215			5.513		215		
	5.281		212			5.2[illegible]		211		↑ E. LANDA
	5.069		427 ✓			5.0[illegible]		426 ✓		
2	15.846 ✓	5.282 ✓		757 ✓		15.898 ✓	5.299 ✓		742 ✓	
	5.499		212			4.848		215		
	5.287		213			4.633		213		
	5.074		425 ✓			4.420		428 ✓		
3	15.860 ✓	5.287 ✓		1.182 ✓		13.901 ✓	4.634 ✓		1.170 ✓	
	4.720		214			4.550		216		
	4.506		211			4.334		214		
	4.295		425 ✓			4.120		430 ✓		
4	13.521 ✓	4.507 ✓		1.607 ✓		13.004 ✓	4.335 ✓		1.600 ✓	
	5.850		213			[illegible]		213		
	5.637		214			[illegible]		213		
	5.423		427 ✓			5.[illegible]		426 ✓		
5	16.91[illegible] ✓	5.[illegible] ✓		2.034 ✓		17.5[illegible] ✓	5.838 ✓		2.026 ✓	
		22.530 ✓					25.320 ✓			

F.B. 1393 PG. 71

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Chief of Party G.E. DREIER Weather [illegible] Inst. No. 50[illegible]
Notes by G.E. DREIER Time 10:15 TO 10:55 Rod No. 2.84

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-24 To B.M. 27-
Date 2-24-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4789	22.530 ✓	076	2034 ✓		571[illegible]	[illegible]	091	2026 ✓	
	4713		074			5620		090		
	4639		156 ✓			5530		181 ✓		
6	14141 ✓	4.714 ✓		2184 ✓		16.8[illegible]	[illegible] ✓		2.207 ✓	
										B.M. 27-1 (U.S. 3803, V-767) THE STRAND & 43rd ST SEE F.B. 1393-6 FOR DESCRIPTION
										SUMMATION OF RUN B.M. 21-24 TO B.M. 27-1
										TOTAL BACKSIGHTS + 27.244 ✓ TOTAL FORESIGHTS - 30.940 ✓ DIFF IN ELEVATION - 3.696 ✓
		27.244 ✓					30.940 ✓			

F.B. 1393 PG. 72

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-1 To B.M. 21-24
Date 2-24-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5707		087			4.794		081		B.M. 27-1 (U.S. 3802 V-767)
	5.620		087			4.713		080		THE STRAND & 4 3rd ST.
	5.533		174			4.633		161		SEE F.B. 1393-6
1	16.860	5.620		174		14.140	4.713		161	FOR DESCRIPTION
	6043		213			5842		212		
	5830		210			5630		212		⊼ E. LANDA
	5620		423			5418		424		
2	17493	5.831		597		16.895	5.630		585	
	4557		217			4722		210		
	4.340		215			4.512		212		
	4.125		432			4.300		422		
3	13.022	4.341		1029		13.534	4.511		1007	
	4.977		212			5.633		215		
	4.765		211			5.418		217		
	4.554		423			5.201		432		
4	14.296	4.765		1452		16.252	5.417		1439	
	5535		212			5.521		217		
	5323		210			5.304		215		
	5113		422			5.089		432		
5	15.971	5.324		1874		15.914	5.305		1871	
		25.881					25.576			

F.B. 1393 PG. 73

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR-W[illegible] Inst. No. 50010
Notes by G.E. DREIER Time 11:00 TO 11:[illegible] Rod No. 2.84

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-1 To B.M. 21-24
Date 2-24-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.382	25.881 ✓	160	1.874 ✓		1.992	25.576 ✓	165	1.871 ✓	B.M. 21-24 (U.S. 3646 Y.614)
	5.222		158			1.827		165		ROSECRANS AVE & THE STRAND
	5.064		318 ✓			1.662		330 ✓		SEE F.B. 1391-28
6	5.668	5.223 ✓		2.192 ✓		5.481	1.827 ✓		2.201 ✓	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 27-1 TO B.M. 21-24
										TOTAL BACKSIGHTS + 31.104 ✓
										TOTAL FORESIGHTS - 27.403 ✓
										DIFF IN FORMATION + 3.701 ✓
		31.104 ✓					27.403			

F.B. 1393 PG. 74

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Windy Inst. No. 50010
Notes by E. Landa Time 1:15 to 3:05 Rod No. 2 & 4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-1 To B.M. 27-4
Date 2-24-53
Indexed **A. C. Johnson**

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5981		212		#5	[illegible]		212		B.M. 27-1 (U.S. 3802 V767)
	[illegible]		213			3851		[illegible]		The strand & 43rd St.
	[illegible]		422			3640		423		See F.B. 1393-6
1	17309	5.770		422	62°	11554	3.851		423	for description
	5521		216			5292		222		
	5305		215			5070		222		⊼ G.E. Dreier
	5090		431			4848		444		
2	15916	5.305		853		15210	5.070		867	
	6564		223			4793		224		
	6341		221			4574		224		
	6120		444			4350		448		
3	19025	6.342		1297		13722	4.574		1315	
	4992		225			5351		223		
	4767		225			5128		221		
	4542		450			4907		444		
4	14301	4.767		1747		15386	5.129		1759	
	4568		218			4768		217		
	4150		214			4551		214		
	3936		432			4337		431		
5	12454	4.151		2179		13656	4.552		2190	
		26.335					23.176			

F.B. 1393 PG. 75

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: G. E. Dreier Weather: Windy Inst. No. 50010
Notes by: E. [illegible] Time: 1:15 to [illegible] Rod No. 2 & 4

Name: L. A. CO. PRECISE LEVEL NET
Job No. 6923
From: B.M. 27-1 To: B.M. 27-4
Date: 2-24-53
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5752	26.335	222	2179		4682	23.174	236	2190	
	5530		226			4446		234		
	5304		448			4212		470		
6	16586	5.529		2627		13328	4.447		2660	
	2789		223			4320		223		
	2566		226			4097		225		
	2340		449			3872		448		
7	7695	2.565		3076		12289	4.096		3108	
	4727		224			4787		208		
	4503		221			4579		207		
	4282		445			4372		415		
8	13512	4.504		3521		13738	4.579		3523	
	4355		216			4719		218		
	4139		212			4499		217		
	3927		428			4282		435		
9	12421	4.140		3949		13498	4.499		3958	
	4464		211			2488		216		
	4253		209			2272		212		
	4044		420			2060		428		
10	12761	4.254		4369		6820	2.273		4386	
		47.327					43.074			

F.B. 1393 PG. 76

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Windy Inst. No. 50010
Notes by E. Landa Time 1:15 to 3:05 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-1 To B.M. 27-4
Date 2-24-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2789	47.327	214	4369		8940	43.074 0	198	4386	
	2575		213			8742		199		
	2362		427			8543		397		
11	7726	2.575		4796		26225	8.742		4783	
	1672		135			10325		132		
	1537		137			10193		131		
	1400		272			10062		263		
12	4609	1.536		5068		30580	10.193		5046	
		51.438					62.004 5			B.M. 27-2 (U.S. 1278 12.50) Standard Oil Pier
										See F.B. 1393-7 for des.
	10411		132			1759		137		
	10279		131			1622		135		
	10148		263			1487		272		
13	30838	10.279		5331		4868	1.623		5318	
	6182		152			11682		135		
	6030		152			11547		135		
	5878		304			11412		270		
14	18090	6.030		5635		34641	11.547		5588	
		67.747					75.176 5			

F.B. 1393 PG. 77

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 G. E. Dreier Weather Windy Inst. No. 50010
Notes by E. Landa Time 1:15 to 3 Rod No. 2 & 4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-1 To B.M. 27-4
Date 2-24-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		67.747		5635			75.176 5		5588	B.M. 27-3 (U.S. 2785) Standard Oil Pier See F.B. 1393-7 for description
	10917		73			[illegible]		73		
	10844		72			0420		73		
	10772		145			0347		146		
15	32533	10.844		5780		1260	0.420		5734	
	6061		212			[illegible]		[illegible]		
	5849		212			4712		[illegible]		
	5637		424			[illegible]		230		
16	17547	5.849		6204		14137	[illegible]		6164	
	5662		206			5482		217		
	5456		206			5265		216		
	5250		412			5049		433		
17	16368	5.456		6616		15796	5.265		6597	
	5536		211			7682		216		
	5325		208			7466		216		
	5117		419			7250		432		
18	15978	5.326		7035		22398	7.466		7029	
		95.222					93.0~~40~~ 39			

F.B. 1393 PG. 78

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Draier Weather Windy Inst. No. 50010
Notes by E. Landa Time 1:15 to 3:05 Rod No. 264

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-1 To B.M. 27-4
Date 2-26-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2225	95222	195	7035		5925	39	[illegible]	7029	
	2030		195			5749		195		
	1835		390			5554		391		
19	6090	2030		7425		17248	5749		7420	
	[illegible]		[illegible]			2140		42		B.M. 27-4 (U.S. 3800 B 768)
	[illegible]		4[illegible]			2098		42		Std. Oil Salt water Pump Sta.
	[illegible]		93			2056		72		See F.B. 1393-8
20	12607	4203		7517		6294	2098		7504	for description
										Summation of Run B.M. 27-1 to B.M. 27-4
										Total [illegible] = 101.454
										Total [illegible] = 100.887
										D.S. in Elev = +0.567
		101.454					100.887			

F.B. 1393 PG. 79

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1373 PG. 80										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:45 to 3:00 Rod No. 2 & 4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-4 To B.M. 27-1
Date 2-25-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2223		41			4330		45		B.M. 27-4 (U.S. 3800 B-767)
	2182		43			4285		45		Std. Oil Saltwater Pump Sta.
	2139		84			4260		90		See F.B. 1393-8
1	6544	2.184		84	65°	12855	4.285		90	for description
	5882		193			2167		196		
	5690		194			1971		194		⊼ G.E. Dreier
	5496		387			1777		390		
2	17069	5.690		471		5915	1.972		480	
	7876		213			5733		211		
	7663		213			5522		212		1 hr for lunch
	7450		426			5310		425		
3	22989	7.663		897	62°	16565	5.522		903	
	5356		214			5550		211		
	5142		212			5339		211		
	4930		426			5128		422		
4	15428	5.143		1323		16017	5.339		1325	
	4902		214			6037		215		
	4688		214			5822		212		
	4474		428			5610		427		
5	14064	4.688		1751		17469	5.823		1752	
		25.365					22.941			

F.B. 1393 PG. 51

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:45 to 3:00 Rod No. 2 E 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-4 To B.M. 27-1
Date 2-25-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0621	25.365	76	1751		11043	23.941	71	1752	
	0545		74			10972		72		
	0471		150			10900		143		
6	1637	0.546		1901		32915	10.972		1895	
		25.911					33.913			B.M. 27-3 (U.S. 2785) Standard Oil Pier See F.B. 1393-7 for description
	11973		134			6475		153		
	11839		136			6322		152		
	11703		270			6170		305		
7	35515	11.838		2171		18967	6.322		2200	
	1615		136			10269		132		
	1479		137			10137		132		
	1342		273			10005		264		
8	4436	1.479		2444		30411	10.137		2464	
										B.M. 27-2 (U.S. 1278 R-50) Standard Oil Pier See F.B. 1393-7 for description
		39.228					50.~~360~~ 372			

F.B. 1393 PG. 82

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Lunde Time 11:45 to 3:00 Rod No. 264

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27.4 To B.M. 27.1
Date 2-25-59
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
	1527	39.228	139	2444		10181	50.~~360~~ 372	134	2464	
	1388		139			10047		135		
05T	1249		278			9912		269		
9	4165	~~10.416~~		2122		30140	~~7.538~~		2733	
	8891		196			2740		211		
	8695		196			2529		211		
	8499		392			2318		422		
10	26085	8.695		3114		7587	2.529		3155	
	2472		213			4450		213		
	2259		215			4237		213		
	2044		428			4024		424		
11	6775	2.258		3542		12711	4.237		3581	
	4793		216			4850		215		
	4577		217			4218		[illegible]		
	4360		433			4003		429		
12	13730	4.577		3975		12656	4.219		4010	
	4752		222			4661		209		
	4530		219			4452		205		
	4311		441			4247		414		
13	13593	4.531		4414		13360	4.453		4424	
		69.336					~~67.186~~ 67.198			

F.B. 282 PG. 83

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50016
Notes by E. Landa Time 11:45 To 3:[illegible] Rod No. 2 & 4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-4 To B.M. 27-1
Date 2-25-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	461	69.336	221	4414 ✓		3084	~~67.186~~ 67.198	225	4424 ✓	
	4391		221			2859		222		
	4170		442 ✓			2637		447 ✓		
14	13173 ✓	4.391 ✓		4858 ✓		8580 ✓	2.860 ✓		4871 ✓	
	4662		235			5733		223		
	4427		235			5510		222		
	4192		470 ✓			5288		445 ✓		
15	13281 ✓	4.427 ✓		5328 ✓		16531 ✓	5.510 ✓		5316 ✓	
	4590		215			4193		215		
	4375		214			3978		218		
	4161		429 ✓			3760		433 ✓		
16	13126 ✓	4.375 ✓		5757 ✓		11931 ✓	3.977 ✓		5749 ✓	
	5409		221			5045		226		
	5188		222			4819		222		
	4966		443 ✓			4597		448 ✓		
17	15563 ✓	5.188 ✓		6200 ✓		14461 ✓	4.820 ✓		6197 ✓	
	4711		222			6480		223		
	4489		221			6257		225		
	4268		423 ✓			6032		448 ✓		
18	13468 ✓	4.489 ✓		6623 ✓		18769 ✓	6.256 ✓		6645 ✓	
		92.206 ✓					~~90.609~~			
		[illegible] ✓					90.621 ✓			

F.B. 1393 PG. 84

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:45 to 3:00 Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-4 To B.M. 27-1
Date 2-25-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5291	~~92.206~~	223	6623		5522	~~90.6~~ 90.621	215	6645	
	5068		223			5307		215		
	4845		446			5092		430		
19	15204	5.068		7069		15921	5.307		7075	
	4081		213			6002		212		B.M. 27-1 (... 370 V767)
	3871		212			5790		212		The Strand & 43rd St.
	3659		425			5578		424		See F.B. 1393-1
20	11614	3.871		7494		17370	5.790		7499	for description
										Summation of Run B.M. 27-4 to B.M. 27-1
										Total Backsights = 101.145 Total Foresights = - ~~101.706~~ 101.718 Diff. in Elev. = - ~~0.561~~ -0.573
		~~101.145~~					~~101.706~~ 101.718			

F.B. 1393 PG. 85

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

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

F.B. 1893 PG. 86

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR-BREEZY Inst. No. 50010
Notes by G.E. DREIER Time 3:00 TO 3:40 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-4 To B.M. 27-5
Date 2-24-53
Indexed B. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.241		045		#2	0.722		037		B.M. 27-4 (U.S. 3800 B-768)
	2.198		045			0.685		036		STD. OIL SALT WATER PUMPING STA.
	2.153		088			0.649		073		SEE F.B. 1393-8
1	6.592	2.197		088	57	2.056	0.685		073	FOR DESCRIPTION
	3.477		229			5.572		231		
	3.248		228			5.341		230		⊼ E. LANDA
	3.019		458			5.111		461		
2	9.744	3.248		546		16.024	5.341		534	
	4.557		225			3.982		219		
	4.332		224			3.763		218		
	4.108		449			3.545		437		
3	12.997	4.332		995		11.290	3.763		971	
	5.92[illegible]		227			5.703		223		
	5.694		228			5.480		223		
	5.466		455			5.257		446		
4	17.081	5.694		1450		16.440	5.480		1417	
	5.451		224			4.128		227		
	5.230		220			4.900		225		
	5.010		444			4.675		452		
5	15.694	5.231		1894		14.703	4.901		1870	
		20.702					20.170			

F.B. 1393 PG. 87

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 10:30 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-4 To B.M. 27-5
Date 2-25-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3961	20.702	212	1.894		4230	20.70	216	1.8~~62~~ 70	
	3.749		212			4.014		216		
	3537		424			3.748		432		
6	11.247	3.749		2.318	64°	12.042	4.014		2.3~~01~~ 2	
	6177		219			6.838		220		
	5.958		219			5.818		217		
	5.739		438			5.601		437		
7	17.874	5.958		2.756		17.457	5.819		2.73~~8~~ 9	
	11.836		216			0.703		212		
	11.620		217			0.491		210		
	11.403		433			0.281		422		
8	34.859	11.620		3.189		1.475	0.492		3.16~~0~~ 1	
	10.905		212			5.942		210		
	10.693		211			5.732		209		
	10.482		423			5.523		419		
9	32.080	10.693		3.612		17.197	5.732		3.5~~79~~ 80	
	4.069		209			5.439		220		
	3.860		208			5.219		218		
	3.652		417			5.001		438		
10	11.581	3.860		4.029		15.659	5.220		4.01~~2~~ 8	
		56.582					41.447			

F.B. 1393 PG. 88

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 10:30 Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-4 To B.M. 27-5
Date 2-25-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.280	56582	214	4.029		5415	41447	215	4.017 8	
	4.056		212			5.200		212		
	3.824		426			4.988		427		
11	12.110	4.037		4.455		15.603	5.201		4.444 5	
	4.304		214			5.456		214		
	4.090		212			5.242		213		
	3.878		426			5.029		427		
12	12.272	4.091		4.881		15.727	5.242		4.874 2	
	5001		131			5299		138		B.M. 27-5
	4.870		131			5161		137		VISTA DEL MAR AT HYPERION
	4.739		262			5024		275		SEE F.B. 1393-9
13	14.610	4.870		5.143	63°	15.484	5.161		5.146 7	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 27-4 TO B.M. 27-5
										TOTAL BACKSIGHTS + 69.580
										TOTAL FORESIGHTS - 57.051
										DIFF IN ELEVATION + 12.529
		69.580					57.051			

F.B. 1393 PG. 89

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1592 PG. 70										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREES Weather CLEAR Inst. No. 52010
Notes by R.J. HEMPELING Time 10:30 TO 11:45 Rod No. 2 & 4

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-5 To B.M. 27-4
Date 2-25-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.332		135		#2	5.041		133		B.M. 27-5
	5.197		136			4.908		136		VISTA DEL MAR NEAR HYPERION
	5.061		271			4.772		269		SEE F.B. 1373-9
1	15.590	5.197		271	63°	14.721	4.907		269	FOR DESCRIPTION
	5.437		213			4.290		217		
	5.224		211			4.073		213		π E. LANDS
	5.013		424			3.860		430		
2	15.674	5.225		695		12.223	4.074		699	
	5.477		212			4.317		215		
	5.265		212			4.102		212		
	5.053		424			3.890		427		
3	15.795	5.265		1119		12.309	4.103		1126	
	5.458		215			4.094		215		
	5.243		212			3.879		211		
	5.031		427			3.668		426		
4	15.732	5.244		1546		11.641	3.880		1552	
	6.617		210			11.580		211		
	6.407		209			11.369		210		
	6.198		419			11.159		421		
5	19.222	6.407		1965		34.108	11.369		1973	
		27.338					28.333			

F.B. 1373 PG. 21

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R.J. HEMPFLING Time 1030-11:45 Rod No. 2&4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-5 To B.M. 27-4
Date 2-25-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.732	27.338	211	1.965		11.862	28.333	218	1.973	
	0.521		209			11.644		215		
	0.312		420			11.429		433		
6	1.565	0.522		2.385		34.935	11.645		2.406	
	6.187		218			6.332		221		
	5.969		214			6.111		220		
	5.755		432			5.891		441		
7	17.911	5.970		2.817		18.334	6.111		2.847	
	4.047		217			3.777		215		
	3.830		216			3.562		212		
	3.614		433			3.350		427		
8	11.491	3.830		3.256		10.689	3.563		3.274	
	5.013		226			5.340		221		
	4.787		225			5.119		219		
	4.562		451			4.900		440		
9	14.362	4.787		3.701		15.359	5.120		3.714	
	3.914		225			4.126		226		
	3.689		222			3.900		226		
	3.467		447			3.674		452		
10	11.070	3.690		4.148		11.700	3.900		4.166	
		46.137					58.172			

F.B. 1393 PG. 92

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R.J. HEMPFLING Time 10:30-11:45 Rod No. 2 & 4

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-5 To B.M. 27-4
Date 2-25-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.977	46.137	216	4.148		4.559	58.672	226	4.166	
	3.761		212			4.333		225		
	3.544		433			4.108		451		
11	11.282	3.761		4.581		13.000	4.333		4.617	
	5.532		238			3.423		221		
	5.294		236			3.202		221		
	5.058		474			2.981		442		
12	15.884	5.295		5.055		9.606	3.202		5.059	
	0.449		037			1.968		043		B.M. 27-4 (U.S. 3805 B.768) STA.
	0.412		037			1.925		042		STD. OL SALT WATER PUMPING
	0.375		074			1.883		045		SEE F.B. 1393-8
13	1.236	0.412		5.129	65	5.776	1.925	85	5.154	FOR DESCRIPTION
										SUMMATION OF RUN BM. 27-5 TO B.M. 27-4
										TOTAL BACKSIGHTS + 55.605
										TOTAL FORESIGHTS - 68.132
										DIFF. IN ELEVATION - 12.527
		55.605					68.132			

F.B. 1393 PG. 55

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1393 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 G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R.J. HEMPELING Time 10:15 TO 11:45 Rod No. 284

Name L.A. CO. PRECISE LEVEL NET
Job No. 4925
From B.M. 27-5 To B.M. 27-8
Date 2-26 53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.861		215		#2	4.564		213		B.M. 27-5
	6.646		214			4.351		213		VISTA DELMAR AT HYPERION
	6.432		429			4.138		426		SEE F.B. 1393-9
1	19.939	6.646		429	74°	13.053	4.351		426	FOR DESCRIPTION
	5.668		211			4.309		213		
	5.457		213			4.096		214		T. E. LANDA
	5.244		424			3.882		427		
2	16.369	5.456		853		12.287	4.096		853	
	5.649		213			4.186		211		
	5.434		212			3.975		211		
	5.222		425			3.764		422		
3	16.305	5.434		1278		11.925	3.975		1275	
	5.619		211			4.212		214		
	5.408		215			3.998		212		
	5.193		426			3.786		426		
4	16.220	5.407		1704		11.996	3.999		1701	
	5.553		213			4.222		213		
	5.340		212			4.009		210		
	5.128		425			3.799		423		
5	16.021	5.340		2.129		12.030	4.010		2.124	
		28.283					20.431			

F.B. 1393 PG. 95

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R.J. HEMPELING Time 10:15 - 11:45 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 22-5 To B.M. 22-8
Date 2-26-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.690	28.283	214	2.129		4.238	20.431	216	2.124	
	5.496		213			4.022		214		
	5.263		427			3.808		430		
6.	16.429	5.476		2.556		12.068	4.023		2.554	
	5.610		213			4.229		214		
	5.397		214			4.015		213		
	5.183		427			3.802		427		
7	16.190	5.397		2.983		12.046	4.015		2.981	
	4.449		214			5.830		214		
	4.285		212			5.616		213		
	4.073		426			5.403		427		
8	12.857	4.286		3.469		16.849	5.616		3.468	
	4.080		213			6.280		212		
	3.867		213			6.068		214		
	3.654		426			5.854		426		
9.	11.601	3.867		3.835		18.202	6.067		3.834	
	5.062		081			6.219		083		
	4.981		080			6.136		082		
	4.901		161			6.054		165		
10.	14.944	4.981		3.996		18.409	6.136		3.999	
		52290					46288			

F.B. 1379 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 G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R.J. HEMPFLING Time 10:15 - 11:45 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-5 To B.M. 27-8
Date 2-26-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		52.290 ✓		3.996 ✓			46.288 ✓		3.999 ✓	B.M. 27-6 (CITY L.A. Venice H-9) VISTA DEL MAR AT HYPERION TRUCK ENTR. SEE F.B. 1393-10 FOR DESCRIPTION
	5.161		056			4.972		051		
	5.105		056			4.921		051		
	5.049		112 ✓			4.870		102 ✓		
11.	15.315 ✓	5.105 ✓		4.108 ✓		14.763 ✓	4.921 ✓		4.101 ✓	
		57.395								B.M. 27-7 (U.S. 3799 V-767) VISTA DEL MAR AT HYPERION TRUCK ENT SEE F.B. 1393-10 FOR DESCRIPTION
	5.404		235			4.279		231		
	5.169		237			4.048		229		
	4.932		472 ✓			3.819		460 ✓		
12.	15.505 ✓	5.168 ✓		4.580 ✓		12.146 ✓	4.049 ✓	+10	4.561 ✓	
										B.M. 27-7A (U.S. 3798 C.SPK) VISTA DEL MAR, 1100' S. KILGORE SEE F.B. 1393-10 FOR DESCRIPTION
		62.563 ✓					55.258 ✓			

F.B. 1393 PG. 97

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R.S. HEMPELING Time 10:15 - 11:45 Rod No. 2 + 4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 22-5 To B.M. 22-8
Date 2-26-53
Indexed H. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.361	62 563	212	4.580		4.393	55 258	216	4.561	
	5.149		211			4.177		214		SUMMATION OF RUN
	4.938		423			3.963		430		B.M. 22-5 TO B.M. 22-8
13	15.448	5.149		5.003		12.533	4.178		4.991	
	5.413		213			4.381		211		
	5.200		211			4.170		212		TOTAL BACKSIGHTS = +83.283
	4.989		424			3.958		423		TOTAL FORESIGHTS = -73.365
14	15.602	5.201		5.427		12.509	4.170		5.414	DIFF IN ELEV. = +9.918
	5.383		213			4.515		213		
	5.170		213			4.302		211		
	4.957		426			4.091		424		
15	15.510	5.170		5.853		12.908	4.303		5.838	
	5.352		153			5.612		156		B.M. 22 8 (L.A. CITY VENICE H-8D)
	5.199		151			5.456		156		VISTA DEL MAR AT WILGORE ST
	5.048		304			5.300		312		SEE F.B. 1393-11
16	15.599	5.200		6.157	73°	16.368	5.456		6.156	FOR DESCRIPTION
		83.283					73.365			

F.B. 393 PG. 95

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. [illegible] Weather CLEAR Inst. No. 50010
Notes by R.J. HEMPELING Time 11:40 - 2:05 Rod No. 2&4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From E.M. 27-8 To E.M. 27-5
Date 2-27-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.614		154			5.359		155		B.M. 27-8 (CITY OF L.A. VENICE 4-8D)
	5.460		155			5.204		152		VISTA DEL MAR & KILGORE ST
	5.305		309			5.052		307		SEE F.B. 1393-11
1.	16.379	5.460		309	64°	15.615	5.205		307	FOR DESCRIPTION
	4.554		212			5.423		212		
	4.342		212			5.211		213		
	4.130		424			4.998		425		
2.	13.026	4.342		733		15.632	5.211		733	
	4.471		213			5.502		212		
	4.258		212			5.290		212		
	4.046		425			5.078		424		
3.	12.775	4.258		1,158		15.870	5.290		1,156	
	4.436		214			5.407		210		
	4.222		213			5.197		212		
	4.009		427			4.985		422		
4.	12.667	4.222		1,585		15.589	5.196		1,578	
										B.M. 27-7A (U.S. 37-8)
										VISTA DEL MAR 1100' S. KILGORE
										SEE F.B. 1393-10
										FOR DESCRIPTION
		18.282					20.902			

F.B. 1393 PG. 99

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R.J. HEMPELING Time 11:40 TO 2:05 Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4922
From B.M. 27-8 To B.M. 27-5
Date 2-27-57
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
	4.332	18.282 ✓	230	1.585 ✓		5.460	20.102 ✓	237	1.574 81 ✓	
	4.102		229			5.223		234		
	3.873		459			4.989		471 N	49	ONE HOUR FOR LUNCH
5	12.307	4.102		2.044 ✓		15.672 ✓	5.224 ✓		2.050 ✓	
	/	22.384 ✓				/	26.126 ✓			B.M. 27-7 (U.S.G.S. 4-767) ENTRANCE VISTA DEL MAR AT HYPERION TRUCK SEE F.B. 1393-10 FOR DESCRIPTION
	4.953		050			5.143		055		
	4.903		051			5.088		056		
	4.852		101			5.032		111 N ✓		
6.	14.708	4.903		2.145 ✓		15.263 ✓	5.032 ✓		2.167	
	/	27.287 ✓				/	31.158 ✓			B.M. 27-6 (CITY OF L.A. VENICE H-9) ENTRANCE VISTA DEL MAR AT HYPERION TRUCK SEE F.B. 1393-10 FOR DESCRIPTION
F.B. 1393 PG. 100	6.319		081			5.169		084		
	6.238		081			5.083		081		
	6.157		162			5.002		165 ✓		
7	18.714	6.238		2.307 ✓		15.252 ✓	5.084 ✓		2.326	
		33.525 ✓					36.298 ✓			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50610
Notes by R. J. HEMPFLING Time 11:40 TO 2:05 Rod No. 254

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 27-8 To BM 27-5
Date 2-27-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.273	33.525	211	2.307		4.094	36.298	212	2.326 5/5	
	6.062		213			3.862		212		
	5.849		424			3.650		424	49	
8	18.184	6.061		2.731		11.586	3.862		2.750	
	5.789		212			4.560		212		
	5.677		213			4.348		211		
	5.464		425			4.137		423	2	
9	17.030	5.677		3.156		13.045	4.348		3.173	
	4.187		214			5.570		212		
	3.973		211			5.358		210		
	3.762		425			5.148		422	4	
10	11.922	3.974		3.581		16.076	5.359		3.595	
	4.222	15.912	213			5.676	13.869	215		
	4.009		212			5.461		212		
	3.797		425			5.249		427	1	
11	12.028	4.009		4.006		16.386	5.462		4.029	
	4.271		212			5.603		212		
	4.059		211			5.391		213		
	3.848		423			5.178		425	6	
12	12.178	4.059		4.429		16.172	5.391		4.449	
		57.305					60.720			

F.B. 1323 PG. 101

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-W[illegible] Inst. No. 50010
Notes by R. J. HEMPFLING Time 11:40 TO 2:05 Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-8 To B.M. 27-5
Date 2-27-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.191	57.305	212	4.429		5.600	60.120	212	4.449	
—	3.979	—	212			5.388		212		
	3.267		424			5.176		424		SUMMATION OF RUN
13	11.937	3.979		4.853		16.164	5.388		4.874	B.M. 27-8 TO B.M. 27-5
	4.255		213			5.713		210		TOTAL BACKSIGHTS + 73.838
	4.042		211			5.503		212		TOTAL FORESIGHTS − 83.783
	3.831		424			5.291		422		DIFF. IN ELEVATION − 9.945
14	12.128	4.043		5.277		16.507	5.502		5.293	
	4.335		213			5.698		214		
	4.122		212			5.484		212		
	3.910		425			5.272		426		
15	12.367	4.122		5.702		16.454	5.485		5.718	
	4.665		216			6.898		210		B.M. 27-5
	4.389		216			6.688		209		VISTA DEL MAR AT HYPERION
	4.173		432			6.479		419		SEE F.B. 1393-9
16	13.167	4.389		6.134	66°	20.065	6.688		6.137	[illegible]
		73.838					83.783			

F.B. 1393 PG. 102

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather HAZY-BREEZY Inst. No. 50010
Notes by G.E. DREIER Time 2:53 TO Rod No. 2 & 4

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-8 To B.M. 27-5
Date 3-9-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5568		156		# 2	5308		153		B.M. 27-8 (CTY L.A. VENICE H-80)
	5412		156			5155		150		VISTA DEL MAR & KILGORE ST
	5256		312			5001		307		SEE F.B. 1393-11
1	16236	5.412		.312	60°	15464	5.155		.307	FOR DESCRIPTION
	4461		213			5330		214		
	4248		213			5116		213		TT E. LANDA
	4035		426			4903		427		
2	12744	4.248		.738		15349	5.116		.734	
	4327		215			5355		215		
	4112		211			5140		211		
	3901		426			4929		426		
3	12340	4.112		1.164		15424	5.141		1.160	
	4325		215			5295		213		
	4110		212			5082		210		
	3898		427			4872		423		
4	12333	4.111		1.591		15249	5.083		1.583	
	4244	17.854	233			5362	20.495	236		B.M. 27-7A (U.S. 3795)
	4011		229			5126		236		VISTA DEL MAR - 1100'S
	3782		462			4890		472		OF KILGORE ST
5	12037	4.012		2.053		15378	5.126		2.055	SEE F.B. 1393-10
		21.896					25.621			

F.B. 1393 PG. 12-3

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR-[illegible] Inst. No. 50010
Notes by G.E. DREIER Time 10:50 TO Rod No. 2 #4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-8 To B.M. 27-5
Date 3-9-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		21.896		2.053			25.621		2.055	B.M. 27-7 (U.S. 379.9 U-767) VISTA DELMAR AT HYPERION TRUCK ENTRANCE SEE F.B. 1393-10
	4.993		.053			5.178		.055		
	4.940		.052			5.123		.053		
	4.888		.105			5.070		.108		
6	14.821	4.940		2.158		15.371	5.124		2.163	
		26.836					30.745			B.M. 27-6 (CITY L.A. VENICE H-9) VISTA DELMAR AT HYPERION TRUCK ENTRANCE SEE F.B. 1393-10 FOR DESCRIPTION
	6.228		.084			5.074		.081		
	6.144		.082			4.993		.080		
	6.062		.166			4.913		.161		
7	18.434	6.145		2.324		14.980	4.993		2.324	
	6.174		.214			3.967		.214		
	5.960		.212			3.753		.211		
	5.748		.426			3.542		.425		
8	17.882	5.961		2.750		11.262	3.754		2.749	
		38.942					39.492			

F.B. 1393 PG. 104

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 10:50 TO Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-8 To B.M. 27-5
Date 3-9-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.817	38.942	214	2.750		4.483	32.092	213	2.747	
	5.603		213			4.270		212		
	5.390		427			4.058		425		
9	16.810	5.603		3.177		12.811	4.270		3.174	
	4.165		215			5.549		214		
	3.950		212			5.335		212		
	3.738		427			5.123		426		
10	11.853	3.951		3.604		16.007	5.336		3.600	
	4.235		214			5.681		211		
	4.019		216			5.470		212		
	3.803		430			5.258		423		
11	12.055	4.018		4.034		16.409	5.470		4.023	
	4.178		215			5.505		214		
	3.963		211			5.291		211		
	3.752		426			5.080		425		
12	11.893	3.964		4.460		15.876	5.292		4.448	
	4.113		214			5.518		213		
	3.899		211			5.305		211		
	3.688		425			5.094		424		
13	11.700	3.900		4.885		15.917	5.306		4.872	
		60.378					65.166			

F.B. 1395 PG. 105

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 10:50 TO Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-8 To B.M. 27-5
Date 3-9-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.175	60.378	214	4.885		5.635	65.160	213	4.872	
	3.961		210			5.422		210		
	3.751		424			5.212		423		
14	11.887	3.962		5.309		16265	5.123		5.295	
	4.183		213			5.539		211		
	3.970		212			5.328		210		
	3.758		425			5.118		421		
15	11.911	3.970		5.734		15985	[illegible]		5.716	
	4.643		209			6.947		217		B.M. 27-5
	4.434		211			6.730		217		VISTA DEL MAR AT HYPERION
	4.223		420			6.513		434		SEE F.B. 1393-9
16	13.300	4.433		6.154		20190	6.730		6.150	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 27-8 TO B.M. 27-5
										TOTAL BACKSIGHTS + 72.743
										TOTAL FORESIGHTS - 82.647
										DIFF IN ELEVATION - 9.904
		72.743					82.647			

F.B. 1393 PG. 106

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R.J. HEMPELINS Time 11:45 - 2:45 Rod No. 2 & 4

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-8 To B.M. 27-10
Date 2-26-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.397		168		#2	4.590		171		B.M. 27-8
	6.229		168			4.419		171		
	6.061		336			4.248		342		
1	18.687	6.229		336	70°	13.257	4.419		342	
	5130		163			4558		161		
	4967		163			4397		160		1 Hr. for Lunch
	4804		326			4237		321		
2	14931	4.967		662		13192	4.397		663	
	5407	11.196	213			4890	8.816	210		B.M. 27-8A elev. 5797
	5234		212			4680		211		Cut spike N.W. cor
	5022		425			4069		421		Jacqueline St.
3	15703	5.234		1087		12839	4.280		1084	See F.B. 1398-11 for des.
	5357		214			4682		212		
	5143		211			4470		211		
	4932		425			4259		423		
4	15432	5.144		1512		13411	4.470		1507	
	5679		150			4832		150		
	5529		150			4682		150		
	5379		300			4532		300		
5	16587	5.529		1812		14046	4.682		1807	
		27.103					22.248			

F.B. 1395 PG. 107

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: G. E. Dreier Weather: Clear Inst. No. 50010
Notes by: E. Landa Time: 11:45 to Rod No. 256

Name: **L. A. CO. PRECISE LEVEL NET**
Job No. 1923
From: B.M. 27-8 To: B.M. 27-10
Date: 2-26-53
Indexed: R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		27.103		1812			22.208		1809	B.M. 27-9 (U.S. 3796 T-767) Haviland St. See F.B. 1393-12 for description
	5.510		219			4.751		220		
	5.291		219			4.531		220		
	5.072		438			4.311		440		
6	15.873	5.291		2250		13.593	4.531		2247	
	5.411		214			4.501		213		
	5.197		212			4.288		211		
	4.985		426			4.077		424		
7	15.593	5.198		2676		12.866	4.289		2671	
	5.561		211			5.228		213		
	5.350		211			5.015		212		
	5.139		422			4.803		425		
8	16.050	5.350		3098		15.046	5.015		3096	
	6.122		212			5.250		212		
	5.910		210			5.038		210		
	5.700		422			4.828		422		
9	17.732	5.911		3520		15.116	5.039		3518	
		48.853					41.122			

F.B. 1393 PG. 108

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Draier Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:45 70 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-8 To B.M. 27-10
Date 2-26-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6580	48.853	208	3520		5244	41.122	209	3518	
	6372		207			5035		208		
	6165		415			4827		417		
10	19117	6.372		3935		15106	5.035		3935	
		55.225					46.157			B.M. 27-9A (U.S. 3795) Cut spike Deauville St. See F.B. 1393-13 for description
	6086		212			5055		213		
	5870		210			4842		212		
	5664		422			4630		425		
11	17624	5.875		4357		14527	4.842		4360	
	5932		250			5404		247		
	5682		248			5157		246		
	5434		498			4911		493		
12	17048	5.683		4855		15472	5.157		4853	
	4093		213			7273		210		
	3880		212			7063		211		
	3668		425			6852		421		
13	11641	3.880		5280		21188	7.063		5274	
		70.663					63.219			

F.B. 1393 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 G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:45 to 2:45 Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-8 To B.M. 27-10
Date 2-26-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9111	70.663 ✓	212	5280 ✓		7586	63.219 ✓	210	5274 ✓	B.M. 27-10 (U.S. 5793 R-767)
	2899		211			7376		269		Life Cd Sta.
	2688		323 ✓			7167		319 ✓		See F.B. 1898-14
14	8698	2.899 ✓		5703	71°	22129	7376 ✓		5693 ✓	for description
										SUMMATION OF RUN
										B.M. 27-8 TO B.M. 27-10
										TOTAL BACKSIGHTS +73.562 ✓
										TOTAL FORESIGHTS -70.595 ✓
										DIFF IN ELEVATION +2.967 ✓
		73.562 ✓					70.595 ✓			

F.B. 1303 PG. 110

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R.J. HEMPFLING Time 10:50 TO 11:40 Rod No. 284

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-10 To B.M. 27-8
Date 2-27-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.583		209		#4	3.112		212		B.M. 27-10 (U.S. 3793 R-767)
	7.374		209			2.900		211		VISTA DEL MAR NEAR CENTURY ST
	7.165		418			2.689		423		SEE F.B. 1393-14
1.	22.122	7.374		418	66°	8.701	2.900		423	FOR DESCRIPTION
	7.318		213			4.136		213		
	7.105		212			3.923		213		⊼ G.E. DREIER
	6.893		425			3.710		426		
2	21.316	7.105		843		11.769	3.923		849	
	5.411		246			5.942		250		
	5.165		244			5.692		250		
	4.921		490			5.442		500		
3	15.497	5.166		1.333		17.076	5.692		1.349	
	5.026	19.545	213			6.059	18.515	212		
	4.813		211			5.847		211		
	4.602		424			5.636		423		
4.	14.441	4.814		1.757		17.542	5.847		1.772	
										B.M. 27-9A (U.S. 3795)
										VISTA DEL MAR & OLOUVILLE ST
										SEE F.B. 1393-13
										FOR DESCRIPTION
		24.459					18.362			

F.B. 1393 PG. 111

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. J. HEMPELING Time 10:30 TO 11:00 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-10 To B.M. 27-8
Date 2-27-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.282	24.459	209	1.757		6.624	13.362	208	1.772	
	5.073		208			6.416		208		
	4.865		417			6.208		416		
5.	15.220	5.073		2.174		19.248	6.416		2.188	
	5.218		213			6.090		212		
	5.005		212			5.878		211		
	4.793		425			5.667		423		
6.	15.016	5.005		2.599		17.635	5.878		2.611	
	5.161		216			5.490		209		
	4.945		216			5.281		209		
	4.729		432			5.072		418		
7.	14.835	4.945		3.031		15.843	5.281		3.029	
	4.621		213			5.529		213		
	4.408		215			5.316		212		
	4.193		428			5.104		425		
8.	13.222	4.407		3.459		15.949	5.316		3.454	
	4.693		221			5.459		219		
	4.472		221			5.238		218		
	4.251		442			5.020		437		
9.	13.416	4.472		3.901		15.715	5.238		3.891	
		48.361					46.491			

F.B. 1533 PG. 112

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. J. HEMPFLING Time 10:50 TO 11:40 Rod No. 2 & 4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-10 To B.M. 27-8
Date 2-27-53
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		48.361		3.901			46.471		3.891	B.M. 27-9 (U.S. 3797) T-767, VISTA DEL MAR AT HAVILANDST SEE F.B. 1392-12 FOR DESCRIPTION
	7.574		150			5.423		151		
	4.424		150			5.272		150		
	4.274		300			5.122		301		
10	13.272	4.424		4.201		15.817	5.272		4.192	
	4.643		211			5.327		216		
	4.432		210			5.111		213		
	4.222		421			4.898		429		
11	13.297	4.432		4.622		15.336	5.112		4.621	
	4.482		210			5.442		213		
	4.272		209			5.229		212		
	4.063		419			5.017		425		
12	12.817	4.272		5.641		15.688	5.229		5.046	
										B.M. 27-8A (U.S. 3797) VISTA DEL MAR AT JACQUELIN ST SEE F.B. 1393-11 FOR DESCRIPTIONS
		61.489					62.104			

F.B. 1393 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 G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R.T. HEMPFLING Time 10:50 TO 11:40 Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-10 To B.M. 27-8
Date 2-27-53
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
	4.540	61.489	161	5.041		5.111	62.164	160	5.046	
	4.379		161			4.951		160		
	4.218		322			4.791		320		
13.	13.137	4.379		5.363		14.853	4.951		5.366	
	4.640		169			6.454		170		B.M. 27-8 (L.A. CITY VENICE H-88)
	4.471		169			6.284		169		VISTA DEL MAR & KILGORE ST
	4.302		338			6.115		339		SEE F.B. 1393-11
14	13.413	4.471		5.701		18.853	6.284		5.705	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 27-10 TO B.M. 27-8
										TOTAL BACKSIGHTS + 70.339
										TOTAL FORESIGHTS - 73.339
										DIFF IN ELEVATION - 3.000
		70.339					73.339			

F.B. 1393 PG. 114

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: G.E. Dreier Weather: Cloudy Inst. No.: 50010
Notes by: E. Lozen Time: 10:05 to 11:05 Rod No.: 284

Name: **L. A. CO. PRECISE LEVEL NET**
Job No.: 6923
From: B.M. 27-10 To: B.M. 27-8
Date: 3-18-53
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7499		211		#2	3019		213		B.M. 27-10 U.S. 3792 1976
	7279		210			2806		213		Vista Del Mar Near Century St.
	7069		421			2593		426		See F.B. 1993-13
1	21838	7279		421	59°	8218	2806		426	for description
	7300		211			4119		211		
	7089		210			3908		213		G.E. Dreier
	6879		421			3695		424		
2	21268	7089		842		11722	3907		850	
	5376		266			5903		250		
	5128		266			5653		268		
	4882		532			5385		518		
3	15386	5128		1330		16941	5647		1318	
	4202		211			5433		212		
	4191		212			5221		211		
	3979		423			5010		423		
4	12372	4191		1757		15664	5221		1771	
										B.M. 27-9A (U.S. 3795)
										Vista Del Mar & Deauville St
										See F.B. 1993-13
										Sandescribing
		23687					17868			

F.B. 1995 PG. 115

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Cloudy Inst. No. 500 10
Notes by E. Landa Time 10:05 to 11:05 Rod No. 284

Name T. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-10 To B.M. 27-8
Date 3-18-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5207	23.687	214	1757		6558	17.588	205	1771	
	4993		214			6333		203		
	4779		428			6130		408		
5	14979	4.993		2185		19001	[illegible]		2179	
	5228		211			6099		211		
	5017		211			5888		211		
	4806		422			5677		422		
6	15051	5.017		2607		17664	[illegible]		2601	
	5172		212			5510		213		
	4960		211			5297		213		
	4749		423			5084		426		
7	14881	4.960		3030		15891	5297		3027	
	4450		213			5353		212		
	4237		215			5141		211		
	4022		428			4930		423		
8	12709	4.236		3458		15424	[illegible]		3450	
	4752		219			5512		218		
	4533		217			5294		217		
	4316		436			5077		435		
9	13601	4.534		3894		15883	5.[illegible]14		3885	
		47.427					45542			

F.B. 1393 PG. 116

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather [illegible] Inst. No. 50010
Notes by E. Landa Time 10:05 to 11:05 Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-10 To B.M. 27-8
Date 3-18-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		47.427		3894			45.542		3385	B.M. 27-9 (U.S. 3796 T-767) Vista Del Mar at Haviland See F.B. 1393-12 for description
	4831		150			5680		150		
	4681		150			5530		150		
	4531		300			5380		300		
10	14043	4.681		4194		16590	5.530		4185	
	4627		214			5301		212		
	4413		212			5089		211		
	4201		426			4878		423		
11	13241	4.414		4620		15268	5.089		4608	
	4483		210			5439		212		
	4273		208			5227		212		
	4065		418			5015		424		
12	12821	4.274		5038		15681	5.227		5032	
										B.M. 27-8A (U.S. 3797) Vista Del Mar at Jacquelin St. See F.B. 1393-11 for description
		60.796					61.388			

F.B. 1393 PG. 47

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Cloudy Inst. No. 50010
Notes by E. Landa Time 10:05 to 11:15 Rod No. 2&C

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-10 To B.M. 27-8
Date 3-18-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4544	60.796	162	5038		5119	61.388	161	5032	
	4382		160			4958		161		
	4222		322			4797		322		
13	13148	4.383		5360		14874	4.958		5354	
	4727		129			6619		209		B.M. 27-8 (L.A. City Venice H-8D
	4598		128			6410		210		Vista Del mar & Kilgore ave
	4470		257			6200		419		See F.B. 1393-11
14	13795	4.598		5617	62°	19229	6.410		5773	for description
										Summation of Run B.M. 27-10 to B.M. 27-8
										Total Backsights = + 69.777
										Total Foresights = - 72.756
										Diff. in Elev. = - 2.979
		69.777					72.756			

F.B. 1393 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: G. E. Dreier Weather: Cloudy Inst. No.: 50010
Notes by: E. Landa Time: 11:15 to 11:20 Rod No.: 264

Name: **L. A. CO. PRECISE LEVEL NET**
Job No.: 0923
From: B.M. 27-8 To: B.M. 27-8A
Date: 3-18-53
Indexed: **A. C. Johnson**

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6201		168		#2	4571		170		B.M. 27-8 (L.A.Co. Venice H-80)
	6233		166			4401		170		Vista Del Mar & Kilgore Ave.
	6067		334			4231		340		See F.B. 1393-11
1	18701	6.233		334	60°	13263	4.421		340	for description
	5102		161			4531		161		B.M. 27-8A (C.A.S. 3797)
	4941		160			4370		161		Vista Del Mar at Jacqueline
	4781		321			4209		322		See F.B. 1393-11
2	14824	4.941		655		13110	4.370		662	for description
										G. E. Dreier
										Total Backsights = + 11.175
										Total Foresights = − 8.791
										Diff. in Elev. = + 2.384
										F.B. 1393 PG. 11
		11.175					8.791			

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 333 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 G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:50 TO 3:35 Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-10 To B.M. 27-12
Date 2-26-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.840		211		#2	3.669		213		B.M. 27-10 (U.S. 3273 R-767)
	5629		209			3456		214		VISTA DEL MAR NEAR CENTURY BLVD
	5.420		420			3242		427		SEE F.B. 1393-14
1	16.889	5.630		420	71°	10.367	3.456		427	FOR DESCRIPTION
	7042		212			3475		215		
	6.830		211			3260		212		T. E. LANDA
	6.619		423			3048		427		
2	20.491	6.830		843		9.783	3.261		854	
	6627		215			6.461		212		
	6.422		212			6.249		214		
	6.215		427			6.035		426		
3	19.269	6.423		1.270		18.745	6.248		12.80	
	3.710		212			5423		213		
	3.498		211			5.210		212		
	3287		423			4998		425		
4	10.495	3.498		1.693		15.63	5.210		1.705	
	4.407		215			6054		211		
	4.192		213			5.843		209		
	3.979		428			5634		420		
5	12.578	4.193		2.121		17.531	5.844		2.125	
		26.574					24.019			

F.B. 1393 PG. 15

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR-[illegible] Inst. No. 50010
Notes by G.E. DREIER Time 2:50 TO 3:[illegible] Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-10 To B.M. 27-12
Date 2-26-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.858	26.574	215	2.121		7.212	[illegible]	213	2.125	
	2.643		211			6.999		214		
	2.432		426			6.785		427		
6	7.933	2.644		2.547		20.996	6.999		2.552	
	4.340		125			5.852		124		
	4.215		124			5.728		124		
	4.091		249			5.604		248		
7	12.646	4.215		2.796		17.184	5.728		2.800	
		23.433					36.746			B.M. 27-11 (CITY OF L.A. VENICE G-7) VISTA DEL MAR & STERRY ST. SEE F.B. 1393-15 FOR DESCRIPTION
	6.646		213			4.642		214		
	6.433		211			4.428		211		
	6.222		424			4.217		425		
8	19.301	6.434		3.220		13.287	4.429		3.225	
	5.426		213			4.479		214		
	5.213		213			4.265		213		
	5.000		426			4.052		427		
9	15.639	5.213		3.646		12.796	4.265		3.652	
		45.080					45.440			

F.B. 1393 PG. 22

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 2:50 TO 3:35 Rod No. 284

Name L.A. CO. PRECISE LEVEL NET
Job No. 4523
From B.M. 27-10 To B.M. 27-12
Date 2-26-53 & 2-27-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.338	5.050	186	3.646		4.612	4.440	185	3.652	
	5.152		183			4.427		185		
	4.969		369			4.242		370		
10	15.459	5.153		4.015	69°	13.281	4.427		4.022	
		50.233					49.867			B.M. 27-11A (U.S. 3801) VISTA DEL MAR & GILLIS ST
	6.019		212			5.037		215		STARTED 9:30 A.M. 2-27-53
	5.807		215			4.822		213		
	5.593		427			4.609		428		
11	17.418	5.806		4.442		14.468	4.823		4.450	SUMMATION OF RUN
	5.899		211			5.073		210		B.M. 27-10 TO B.M. 27-12
	5.688		210			4.863		209		TOTAL BACKSIGHTS +66.751
	5.478		421			4.654		419		TOTAL FORESIGHTS -61.806
12	17.065	5.688		4.863		14.590	4.863		4.869	DIFF IN ELEVATION +4.945
	5.141		118			2.366		113		B.M. 27-12 (U.S. 3785 S-767)
	5.023		114			2.253		113		VISTA DEL MAR & WATERVIEW ST
	4.909		232			2.140		226		SEE F.B. 1393-16
13	15.073	5.024		5.095	66°	6.759	2.253		5.095	FOR DESCRIPTION
		66.751					61.806			

F.B. 1393 PG. 125

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 393 PG. 124										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R.J. HEMPFLING Time 10:30 - 10:50 Rod No. 2+4

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 27-12 To BM 27-10
Date 2-27-53
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.263		113		#2	5.039		117		B.M. 27-12 (W.S. 3785 5.767)
	2.150		113			4.922		117		VISTA DEL MAR & WATERVIEW ST
	2.037		226✓			4.805		234✓		SEE FB. 1393-16
1	6.450✓	2.150✓		226✓	66°	14.766✓	4.922✓		234✓	FOR DESCRIPTION
	5.043		211			5.872		213		
	4.832		210			5.659		211		X G.E. DREIER
	4.622		421✓			5.448		424✓		
2	14.497✓	4.832✓		647✓		16.979✓	5.660✓		658✓	
	5.021		213			6.003		212		
	4.808		214			5.791		212		
	4.594		427✓			5.579		424✓		
x 3	14.423✓	4.808✓		1.074✓		17.373✓	5.791✓		1.082✓	
		11.790✓					16.373✓			B.M. 27-11A (W.S. 2801)
										VISTA DEL MAR & GILLIS ST
	5.236		185			5.960		183		
X	5.051		184			5.777		183		
	4.869		369✓			5.594✓		366✓		
4.	15.154✓	5.051✓		1.443✓		17.331✓	5.777✓		1.448✓	
		16.841✓					22.150✓			

F.B. 1393 PG. 125

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. J. HEMPFLING Time 10:00 TO 10:50 Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-12 To B.M. 27-10
Date 2-27-53
Indexed ~~A. C. Johnson~~

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.745	16.841	214	1.443		5.689	20.50	212	1.448	
	4.531		213			5.477		210		
	4.318		427			5.267		422		
5	13.594	4.531		1.870		16.433	5.478		1.870	
	5.278		214			7.284		212		
	5.064		212			7.072		212		
	4.852		426			6.860		424		
6.	15.194	5.065		2.296		21.216	7.072		2.294	
		26.437					34.100			B.M. 27-11 (CITY OF L.A. VENICE G-7) VISTA DEL MAR & STERRY ST. SEE F.B. 1313-15 FOR DESCRIPTION
	5.580		123			4.068		125		
	5.457		125			3.943		124		
	5.332		248			3.819		249		
7.	16.369	5.456		2.544		11.830	3.943		2.543	
	7.421		213			3.073		213		
	7.209		212			2.860		212		
	6.997		425			2.648		425		
8.	21.627	7.209		2.969		8.581	2.860		2.968	
		39.102					41.503			

F.B. 323 PG. 126

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. L. DREIER Weather CLEAR Inst. No. 50010
Notes by R. J. HEMPFLING Time 10:00 TO 10:50 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-12 To B.M. 27-10
Date 2-27-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.750	39.102 ✓	211	2.964 8		5.101	41.503 ✓	211	2.968 ✓	
	6.539		210			4.890		211		
	6.329		421 ✓			4.679		422 ✓		
9.	19.618	6.539 ✓		3.39~~0~~ 89 ✓		14.670	4.890 ✓		3.390 ✓	
	6.023		212			4.310		211		
	5.811		212			4.099		210		
	5.599		424 ✓			3.889		421 ✓		
10.	17.433	5.811 ✓		3.81~~4~~ 3		12.298	4.099 ✓		3.811 ✓	
	6.487		213			6.660		211		SUMMATION OF RUN
	6.274		212			6.449		212		B.M. 27-12 TO B.M. 27-10
	6.062		425 ✓			6.237		423 ✓		TOTAL BACKSIGHTS + 64.365 ✓
11.	18.823	6.274 ✓		4.23~~4~~ 8		19.346	6.449 ✓		4.234 ✓	TOTAL FORESIGHTS - 69.323 ✓
	3.383		213			6.953		212		DIFF IN ELEVATION - 4.958 ✓
	3.170		211			6.741		212		
	2.959		424 ✓			6.529		424 ✓		
12.	9.512	3.171 ✓		4.66~~3~~ 2		20.223	6.741 ✓		4.658 ✓	
	3.681		213			5.851		210		B.M. 27-10 (U.S. 3793 R-767)
	3.468		212			5.641		209		VISTA DEL MAR NEAR CENTURY ST.
	3.256		425 ✓			5.432		419 ✓		SEE F.B. 1393-14
13.	10.405	3.468 ✓		5.08~~8~~ 7		16.924	5.641 ✓		5.077 ✓	FOR DESCRIPTION
		64.365 ✓					69.323 ✓			

F.B. 1393 PG 127

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

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

F.B. 393 PG. 128

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 59010
Notes by R. J. HEMPELING Time 2:25 - 3:05 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-12 To B.M. 27-14
Date 2-27-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.379		068		#2	5.497		066		B.M. 27-12. (H.S. 3875 S-767)
	3.311		068			5.431		067		VISTA DEL MAR & WATERVIEW ST.
	3.243		136 ✓			5.364		133 ✓		SEE F.B. 1393-16
1.	9.933 ✓	3.311 ✓		136 ✓	67°	16.292 ✓	5.431 ✓		133 ✓	FOR DESCRIPTION
										B.M. 27-12A (H.S. 3878)
										VISTA DEL MAR & WATERVIEW
										SEE F.B. 1393-16
										FOR DESCRIPTION
	2.169		180			11.752		185		
	1.989		178			11.567		185		
	1.811		358 ✓			11.382		370 ✓		
2.	5.969 ✓	1.990 ✓		494 ✓		34.701 ✓	11.567 ✓		503 ✓	
	0.427		114			10.279		112		
	0.313		112			10.167		113		
	0.201		226 ✓			10.054		225 ✓		
3.	.941 ✓	0.314 ✓		720 ✓		30.500 ✓	10.167 ✓		728 ✓	
	0.452		112			8.382		110		
	0.340		111			8.272		109		
	0.229		223 ✓			8.163		219 ✓		
4.	1.021 ✓	0.340 ✓		943 ✓		24.817 ✓	8.272 ✓		947 ✓	
		5.955 ✓					35.437 ✓			

F.B. 1393 PG. 129

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. J. HEMPELING Time 2:25 - 3:[illegible] Rod No. 2 + 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 20-12 To B.M. 20-14
Date 2-27-53
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.494	5.955	212	743		7.764	35.430	211	947	
	1.282		214			7.553		210		
	1.068		426			7.343		421		
5.	3.844	1.28		1.369		22.660	7.553		1.368	
	2.799		211			6.145		212		
	2.588		213			5.933		211		
	2.375		424			5.722		423		
6.	7.762	2.587		1.793		17.800	5.933		1.791	
	4.827		219			5.744		221		
	4.608		219			5.523		221		
	4.389		438			5.302		442		
7.	13.824	4.608		2.231		16.569	5.523		2.233	
	4.241		220			5.375		221		
	4.021		220			5.154		221		
	3.801		440			4.933		442		
8.	12.063	4.021		2.671		15.462	5.154		2.675	
	4.159		220			5.997		220		
	3.939		219			5.777		219		
	3.720		439			5.558		439		
9.	11.818	3.939		3.110		17.332	5.777		3.114	
		22.391					65.377			

F.B. 1393 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 G.E. DREIER Weather CLEAR Inst. No. 50610
Notes by R.J. HEMPELING Time 2:25 - 3:05 Rod No. 2+4

Name L.A. CO. PRECISE LEVEL NET
Job No. 4933
From B.M. 27-12 To B.M. 27-14
Date 2-27-53
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.289	22.391✓	087	3.110✓		5.823	65.399✓	85	3.114✓	SUMMATION OF RUN
	5.202		085			5.743		86		B.M. 27-12 TO B.M. 27-14
	5.117		172✓			5.657		171✓		TOTAL BACKSIGHTS + 44.427✓
10.	15.608	5.203✓		3.282✓		17.223	5.743✓		3.285✓	TOTAL FORESIGHTS - 18.315✓
	10.145		073			2.305		071		DIFF IN ELEVATION + 3.788✓
	10.072		074			2.229		070		
	9.998		147✓			2.159		141✓		
11.	30.215	10.072✓		3.429✓		6.688	22.29✓		3.426✓	
		37.666✓					73.349✓			B.M. 27-13 (U.S. 1276
										VISTA DEL MAR & CULVER BLVD
										SEE F.B. 1333-17
										FOR DESCRIPTION
	1.772		070			9.848		069		
	1.702		070			9.779		069		
	1.632		140✓			9.710		138✓		
12.	5.106	1.702✓		3.569✓		29.337	9.779✓		3.564✓	
	5.167		108			5.195		107		B.M. 27-14 (U.S. 3556
	5.059		108			5.088		109		VISTA DEL MAR & CULVER BLVD
	4.951		216✓			4.979		216✓		SEE F.B. 1333-17
13.	15.177	5.059✓		3.785✓	67°	15.262	5.087✓		3.786✓	FOR DESCRIPTION
		44.427✓					88.215✓			

F.B. 1333 PG. 21

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 393 PG. 132										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R.J. HEMPFLING Time 3:05 - 3:30 Rod No. 2 + 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-14 To B.M. 27-12
Date 2-27-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.161		108			5.132		107		B.M. 27-14 (U.S. 3550)
	5.053		106			5.025		107		Vista Del Mar Lane & Culver Blvd
	4.947		214			4.918		214		See F.B. 1393-17
1.	15.161	5.054		214	67°	15.075	5.025		214	for description
	9.999		069			1.921		069		
	9.930		069			1.852		069		
	9.861		138			1.783		138		
2.	29.790	9.930		352		5.556	1.852		352	
		14.984					6.877			B.M. 27-13
										Vista Del Mar Lane & Culver Blvd.
										See F.B. 1393-17
										for description
	1.862		070			9.710		076		
	1.792		070			9.634		075		
	1.722		140			9.559		151		
3.	5.376	1.792		492		28.903	9.634		503	
	5.770		088			5.231		086		
	5.682		085			5.145		085		
	5.597		173			5.060		171		
4.	17.049	5.683		665		15.436	5.145		674	
		22.459					21.656			

F.B. 1393 PG. 133

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R.J. HEMPFLING Time 3:15 3:30 Rod No. 264

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-14 To B.M. 27-12
Date 2-27-53
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.019	22.459	220	665	#4	4.179	21.656	220	674	
	5.799		221			3.959		218		
	5.578		441			3.741		438		
5	17.396	5.799		1106	67°	11.879	3.960		1112	
	5368		221			4231		219		Began 3-4-53
	5147		220			4012		217		10:00 a.m. 64° (clear)
	4927		441			3795		436		
6	15442	5.147		1547		12038	4.013		1548	
	5768		220			4849		220		
	5548		220			4629		217		
	5328		440			4412		437		
7	16644	5.548		1997		13890	4.630		1985	
	6211		212			2866		213		
	5999		211			2653		212		
	5788		423			2441		425		
8	17998	5.999		2220		7960	2.653		2410	
	7815		211			1544		214		
	7602		211			1330		211		
	7391		422			1119		425		
9	22806	7.602		2942		3993	1.331		2835	
		52.554					33.243			

F.B. 393 PG. 134

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather clear Inst. No. 50010
Notes by E. Landa Time 10:00 to 10:40 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-14 To B.M. 27-12
Date 3-4-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8442	52.554	110	2842		0512	38.243	111	2835	
	8332		109			0401		110		
	8223		219			0291		221		
10	24997	8.332		3061		1204	0.401		3056	
	10768		121			0908		116		Summation of Run
	10647		120			0792		113		B.M. 27-14 to B.M. 27-12
	10527		241			0679		229		
11	31942	10.647		3302		2379	0.793		3285	
	11897		180			2320		183		Total Backsights = + 88.730
	11717		180			2137		184		Total Foresights = − 44.933
	11537		360			1953		367		Diff. in Elev = + 43.797
12	35151	11.717		3662		6410	2.137		3652	
		83.250					41.574			B.M. 27-12A U.S. 3786 Cut Spike Vista Del Mar & Waterview See F.B. 1393-16 for description
	5547		67			3428		69		B.M. 27-12 (U.S. 3785 S-767) Vista Del Mar & Waterview See F.B. 1393-16 for description
	5480		67			3359		68		
	5413		134			3291		137		
13	16440	5.480		3796	67°	10078	3.359		3789	
		88.730					44.933			

F.B. 1393 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 ..... 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. 1393 PG. 136										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR BREEZE Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-14 To B.M. 27-15
Date 3-4-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5267		239		#2	5.374		233		B.M. 27-14 (L.A. CITY No 26M) (N.S 3550)
	5028		238			5.141		233		VISTA DEL MAR & CULVER BLVD.
	4790		477			4908		466		SEE F.B. 1393-17
1	15.085	5.028		477	64°	15454	5.141		466	FOR DESCRIPTION
	4960		169			4573		163		
	4.791		166			4410		160		⊼ E. LANDA
	4.625		335			4250		323		
2	14.376	4.792		812		13.233	4.411		789	
	6510		160			5384		171		
	6350		158			5213		170		
	6192		318			5043		341		
3	19.052	6.351		1130		15.640	5.213		1130	
	6452		274			5303		275		
	6178		270			5.028		275		
	5.908		544			4.753		550		
4	18.538	6.179		1.674		15.084	5028		1.680	
	4.810		213			5.728		214		
	4.597		214			5.514		211		
	4.383		427			5.303		425		
5	13.790	4.597		2.101		16.545	5.515		2.105	
		26.947					25.308			

F.B. 1393 PG. 137

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR - BLUSTY Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-14 To B.M. 27-15
Date 3-4-53
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.242	26.947	211	2101		5.202	[illegible]	216	2.105	
	5.031		211			4.986		216		
	4.820		422			4.770		432		
6	15.093	5.031		2.523		14.958	[illegible]		2.537	
	4.592		216			5.654		215		
	4.376		213			5.439		211		SUMMATION OF RUN
	4.165		429			5.228		426		B.M. 27-14 TO B.M. 27-15
7	13.133	4.377		2.952		16.321	[illegible]		2.963	TOTAL BACKSIGHTS + 47.787
	5.813		218			5.088		210		TOTAL FORESIGHTS - 45.827
	5.595		217			4.878		210		DIFF IN ELEVATION + 1.960
	5.378		435			4.668		420		
8	16.786	5.595		3.357		14.634	4.878		3.383	
		41.250					41.612			B.M. 27-15A (F.C. RE 115-38) PACIFIC AVE & BALLONA CR. SEE F.B. 1393-18 FOR DESCRIPTION
	5.865		033			5.243		033		B.M. 27-15 (F.C. 115-38) PACIFIC AVE & BALLONA CR. SEE F.B. 1393-18 FOR DESCRIPTION
	5.832		032			5.210		034		
	5.800		065			5.176		069		
9	17.497	5.832		3.452	6.P	15.629	[illegible]		3.450	
		47.782					45.822			

F.B. 1393 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 G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. J. HEMPFLING Time 2:55 TO 3:30 Rod No. 2#4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-15 To B.M. 27-14
Date 3-4-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.193		033		#2	5.816		34		B.M. 27-15 (F.C. 115-38)
	5.160		033			5.782		31		PACIFIC AVE & BALLONA CR.
	5.127		.66			5.751		65		SEE F.B. 1393-18
1.	15.480	5.160		.66	.65°	17.349	5.783		.65	FOR DESCRIPTION
										B.M. 27-15A (F.C. REF. 115-38)
										PACIFIC AVE. & BALLONA CR.
										SEE F.B. 1393-18
										FOR DESCRIPTION
	5.040		213			5.762		217		
	4.827		210			5.545		215		
	4.617		423			5.330		432		
2.	14.484	4.828		489		16.637	5.546		497	
	5.690		212			4.632		215		
	5.478		215			4.417		215		
	5.263		427			4.202		430		
3.	16.431	5.477		916		13.251	4.417		927	
	5.223		213			5.271		213		
	5.010		215			5.058		211		
	4.795		428			4.847		424		
4.	15.028	5.009		1344		15.176	5.059		1351	
		20.474					20.805			

F.B. 1393 PG. 139

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R.J. HEMPELING Time 2:55 TO 3:30 Rod No. 2+4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-15 To B.M. 27-14
Date 3-4-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.701	20.474	212	1.344		4.789	22.605	215	1.351	
	5.489		211			4.574		213		
	5.278		423			4.361		428		
5.	16.468	5.489		1.767		13.724	4.575		1.779	
	5.263		280			6.407		272		SUMMATION OF RUN
	4.983		276			6.135		270		B.M. 27-15 TO B.M. 27-14
	4.707		556			5.865		542		TOTAL BACKSIGHTS = +45.750
6.	14.953	4.984		2.323		18.407	6.136		2.321	TOTAL FORESIGHTS = -47.729
	5.289		168			6.424		164		DIFF. IN. ELEVATION = - 1.979
	5.121		168			6.260		161		
	4.953		336			6.099		325		
7.	15.363	5.121		2.659		18.783	6.261		2.646	
	4.633		161			5.022		167		
	4.472		162			4.855		167		
	4.310		323			4.688		334		
8.	13.415	4.472		2.982		14.565	4.855		2.980	
	5.444		234			5.333		235		B.M. 27-14 (CITY OF L.A. 26M) (U.S. 3550)
	5.210		234			5.098		239		VISTA DEL MAR & CULVER BLVD.
	4.976		468			4.859		474		SEE F.B. 1393-17
9.	15.630	5.210		3.450	65°	15.290	5.097		3.454	FOR DESCRIPTION
		45.750					47.729			

F.B. 1393 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 C.E. DREIER Weather CLEAR Inst. No. 50010
Notes by C.E. DREIER Time 8:30 TO 9:45 Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-14 To B.M. 27-15
Date 3-5-53
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5305		237		#2	5.415		235		B.M. 27-14 (L.A. CITY No 26M) (US 3550)
	5.068		238			5.180		232		VISTA DEL MAR & CULVER BLVD
	4.830		475			4.948		467		SEE F.B. 1398-17
1	15.203	5.068		475	64°	15.544	5.181		467	FOR DESCRIPTION
	4.911		165			4.528		162		
	4.746		167			4.366		163		π E. LANDA
	4.577		332			4.203		325		
2	14.236	4.745		807		13.097	4.366		792	
	6.469		165			5.335		167		
	6.304		163			5.168		167		
	6.141		328			5.001		334		
3	18.914	6.305		1.135		15.504	5.168		1.125	
	6.483		271			5.338		279		
	6.212		272			5.059		276		
	5.940		543			4.783		555		
4	18.635	6.212		1.678		15.180	5.060		1.558	
	4.778		213			5.677		216		
	4.565		212			5.481		212		
	4.353		425			5.269		428		
5	13.696	4.565		2.103	65°	16.447	5.482		2.109	
		26.895					25.257			

F.B. 3[illegible] PG. 141

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 8:30 TO 9:45 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-14 To B.M. 27-15
Date 3-5-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.257	26.895	214	2.103		5.2[illegible]	2[illegible].257	216	21[illegible]09	
	5.043		212			4.997		214		
	4.831		426			4.783		430		
6	15.131	5.044		2.529		14.993	4[illegible]95		2.5[illegible]39	
	4.612		215			5.672		214		
	4.397		214			5.459		212		
	4.183		429			5.247		426		
7	13.192	4.397		2.958		16.379	[illegible]60		2.96[illegible]5	SUMMATION OF RUN B.M. 27-14 TO B.M. 27-15
	5.779		217			5.059		214		TOTAL BACKSIGHTS + 47.711
	5.562		214			4.845		211		TOTAL FORESIGHTS − 45.749
	5.348		431			4.634		425		DIFF IN ELEVATION + 1.962
8	16.689	5.563		3.389		14.538	[illegible]46		3.39[illegible]0	
		41.899					40.561			B.M. 27-15A (F.C. REF. 115-38) PACIFIC AVE & BALLONA CR. SEE F.B. 1393-18 FOR DESCRIPTION
	5.845		.033			5.221		.032		B.M. 27-15 (F.C. 115-38) PACIFIC AVE & BALLONA CR. SEE F.B. 1393-18 FOR DESCRIPTION
	5.812		.032			5.189		.034		
	5.780		65			5.155		66		
9	17.437	5.812		3.454		15.565	[illegible]88		3.45[illegible]6	
		47.711					45.749			

F.B. 1393 PG 142

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 9:45 to 10:25 Rod No. 5 #6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-15 To B.M. 27-14
Date 3-5-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5186		033		#2	5.809		034		B.M. 27-15 F.C. 115-38
	5.153		032			5.775		033		PACIFIC AVE & BALLONA CR.
	5121		065 ✓			5.742		067 ✓		SEE F.B. 1393-18
1	15.460 ✓	5.153 ✓		065 ✓	65°	17.326 ✓	5.775 ✓		067 ✓	FOR DESCRIPTION
										B.M. 27-15 A (F.C. REF. 115-38) PACIFIC AVE & BALLONA CR. SEE F.B. 1393-18 FOR DESCRIPTION
	5,055		213			5.778		218		
	4842		212			5.560		214		
	4630		425 ✓	490		5.346		432 ✓		
2	14.527 ✓	4.842 ✓		1,500		16.684 ✓	5.561 ✓		.499 ✓	
	5.659		215			4.595		215		
	5.444		212			4.380		212		
	5232		427 ✓	1		4.168		427 ✓		
3	16.335 ✓	5.445 ✓		927		13.143 ✓	4.381 ✓		926 ✓	
	5.181		215			5.227		215		
	4.966		216			5012		212		
	4.750		431 ✓	4		4.800 ✓		427 ✓		
4	14.897 ✓	4.966 ✓		1,358		15.039 ✓	5.013 ✓		1353 ✓	
		20.406 ✓					20.730 ✓			

F.B. 1393 PG. 11

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G E DREIER Weather CLEAR Inst. No. 50010
Notes by G. E DREIER Time 9:45 TO 10:55 Rod No. 2 & 4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M 27-15 To B.M. 27-14
Date 3-5-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5,728	20.406	215	1.358		4 802	20.730	213	.353	
	5.515		213			4.590		211		
	5.300		428	1		4 382		424		
5	16.541	5.514		1.786		13.784	4.595		1.777	
	5291		278			6 428		271		
	5 013		275			6.167		269		
	4 738		553	2		5.898		540		SUMMATION OF RUN
6	15,042	5014		2.339		18503	6.168		2.317	B.M. 27-15 TO B.M. 27-14
	5 298		164			6 441		168		TOTAL BACKSIGHTS + 45.798
	5 134		162			6.273		165		TOTAL FORESIGHTS - 47.759
	4 972		326	5		6.108		333		DIFF IN ELEVATION - 1.961
7	15404	5.135		2.665		18822	6.274		2.650	
	4.655		158			5 048		173		
	4 497		158			4.875		169		
	4.339		316	7		4706		342		
8	13.491	4.497		2.981		14.629	4.876		2.992	
	5.466		234			5.352		235		B.M. 27-14 (L.A. CITY No. 26M)(4.535.50)
	5.232		232			5.117		239		VISTA DEL MAR & CULVER BLVD
	4.999		467	3		4.878		474		SEE F.B. 1393-17
9	15.697	5.232		3.448	67°	15.347	5.116		3.466	FOR DESCRIPTION
		45.798					47.759			

F.B. 1393 PG. 144

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 1125-10 2110 Rod No. 2 E4

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-15 To B.M. 27-18
Date 3-4-53
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4593		190		#2	11248		187		B.M. 27-15 (F.C. 115-38)
	4403		188			11061		184		Pacific Ave & Ballona Cr.
	4215		378			10877		371		See F.B. 1893-18
1	15211	4.404		378	43°	33186	11.062		371	for description
	2371		377			8278		343		
	2000		377			7935		340		
	1623		754			7595		683		
2	6000	2.000		1132		23808	7.936		1054	
	6698		60			0644		62		
	6638		60			0582		63		
	6578		120			0519		125		
3	19914	6.638		1252		1745	0.582		1179	
	11183		51			4103		56		
	11132		50			4047		56		
	11082		101			3991		112		
4	33397	11.132		1353		12141	4.047		1291	
										B.M. 27-16 (115-39)
										Ballona Cr. & Pacific Ave
										See F.B. 1893-19 & 20
										for description
		24.174					23.627			

F.B. 1592 PG. 11

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:25 to 1:10 Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-15 To B.M. 27-18
Date 3-4-53
Indexed **A. C. Johnson**

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5205	24.174	35	1353		6937	23.627	36	1291	Summation of Run
	5170		35			6303		35		B.M. 27-15 to B.M. 27-18
	5135		70			6268		71		
5	15510	5.170		1423		13910	5.303		1362	
		29.344					28.930			B.M. 27-16A (Rel. 115-39) Pacific Ave. & Ballona Crk. See F.B. 1393-19 & 20 for description
	6918		76			2018		75		Total Backsights = +36.878
	6842		75			2343		75		Total Foresights = 39.212
	6767		151			2268		150		Diff. in Elev. = - 2.334
6	20527	6.842		1574		7029	2.343		1512	
		36.186					32.213			B.M. 27-17 (U.S. 3784 C-767) Pacific Ave. & Ballona Crk. See F.B. 1393-19 & 20 for description
	0922		230			7174		235		B.M. 27-18 F.C. 115-221 BALLONA CREEK & GRAND CANAL
	0692		230			6939		236		SEE F.B. 1393-19, 20
	0462		460			6703		471		FOR DESCRIPTION
7	20700	0.692		2034		20816	6.939		1983	
		36.878					39.212			

F.B. 1393 PG. 146

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: G.E. Dreier Weather: Clear Inst. No.: 50010
Notes by: E. Landa Time: 2:10 to 2:55 Rod No.: 2&4

Name: L.A. CO. PRECISE LEVEL NET
Job No.: 4923
From: B.M. 27-18 To: B.M. 27-15
Date: 3-4-53
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7069		237			0817		229		B.M. 27-18 (F.C. 115-221)
	6832		235			0588		228		BALLONA CREEK & GRAND CANAL
	6597		472			0360		457		SEE F.B. 1393-19&20
1	20498	6.833		472		9765	0.588		457	for DESCRIPTION
										B.M. 27-17 (US 3784 (-767)
										Pacific Ave. & Ballona Crk.
										See F.B. 1393-19&20
										for description
	2437		76			6936		74		
	2361		74			6862		73		↑ G.E. Dreier
	2287		150			6789		67		
2	7085	2.362		622		20587	6.862		604	
		9.195					7.250			B.M. 27-16A (Ref. 115-39)
										Pacific Ave & Ballona Crk.
										See F.B. 1393-19&20
										for description
	7878		41			6703		40		
	7837		40			6703		40		
	7797		81			6663		80		
3	23512	7.837		703		20109	6.703		684	
		17.032					16.153			

F.B. 1393 PG. 147

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 2:10 to 2:[illegible] Rod No. 2 & 4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-18 To B.M. 27-15
Date 3-4-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		11.032		703			11.153		684	B.M. 27-16 (115-39) Pacific Ave. & Ballona Crk. See F.B. 1393-19 & 20 for description
	4471		56			11555		52		
	4415		55			11503		52		
	4360		111			11451		104		
4	13246	4.415		814		34509	11.503		788	
	1130		62			8[illegible]		94		
	1068		61			8270		95		Summation of Run
	1007		123			8175		189		B.M. 27-18 to B.M. 27-15
5	3205	1.068		937		24807	8.270		977	
	10344		306			3269		302		Total Backsights = 43.724
	10038		305			2967		301		Total Foresights = [illegible]
	9733		611			2666		603		Diff. in elev. = + 2.322
6	30115	10.038		1548		8902	2.967		1580	
	11370		199			4684		176		B.M. 27-15 (F.C. 15.88) Pacific Ave. & Ballona Crk. See F.B. 1393-19 & 20 for description
	11171		199			4508		174		
	10972		398			4334		350		
7	33513	11.171		1946		13526	[illegible]		1930	
		43.724					41.402			

F.B. 1393 PG. 148

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 3:10 to 3:30 Rod No. 2&4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-16 To B.M. 27-15
Date 3-5-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4381		56		#2	11463		52		B.M. 27-16 (115-39)
	4325		56			11411		52		[illegible]
	4269		112			11359		104		See F.B. 1393 - 19820
1	12975	4.325		112	66°	34233	11.411		104	for description
	0390		57			7481		101		G. E. Dreier
	0333		56			7388		101		
	0277		113			7287		202		Summation of Run
2	1000	0.333		225		22164	7.388		306	B.M. 27-16 to B.M. 27-15
	7336		257			1565		263		
	7079		257			1302		262		Total Backsights = 23.564
	6822		514			1040		525		Total Foresights = 24.120
3	21237	7.079		737		3907	1.302		831	Diff. in Elev. - 0.556
	11996		169			4228		209		B.M. 27-15 (F.C. 115-38)
	11827		168			4019		209		[illegible]
	11659		337			3810		418		See F.B. 1393-[illegible]
4	35482	11.827		1076		12057	4.019		1249	for description
		23.564					24.120			

F.B. 1393 PG. 14

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Overcast Inst. No. 50010
Notes by E. Landa Time 10:00 to 10:30 Rod No. 2&4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-15 To B.M. 27-16
Date 3-9-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4042		132		#2	10639		137		B.M. 27-15 (F.C. 115-38)
	3910		133			10502		137		Pacific Ave. & Ballona Crk.
	3777		265 ✓			10365		274 ✓		See F.B. 1393-18
1	11729	3.910 ✓		265 ✓	56°	31506	10.502 ✓		274	for description
	2222		200			10662		254		⊼ G.E. Dreier
	2022		197			10408		254		
	1825		397 ✓			10154		508 ✓		Summation of Run
2	6069	2.023 ✓		662 ✓		31224	10.408 ✓		782	B.M. 27-15 to B.M. 27-16
	8880		123			0427		116		Total Backsights = + 25.759 ✓
	8757		124			0311		118		Total Foresights = - 25.202 ✓
	8633		247 ✓			0193		234 ✓		Diff. in Elev. = + 0.557 ✓
3	26270	8.757 ✓		909 ✓		0931	0.310 ✓		1016	
	11142		74			4017		35		B.M. 27-16 - 115-39
	11068		72			3982		35		Pacific Ave. & Ballona Crk.
	10996		146 ✓			3947		70 ✓		See F.B. 1393-19 & 20
4	33206	11.069 ✓		1055 ✓		11946	3.782 ✓		1086	for description
		25.759 ✓					25.202 ✓			

F.B. 1393 PG. 150

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1130 TO 2140 Rod No. 284

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-18 To B.M. 27-29
Date 3-5-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.424 9.207 8.989		217 218 435✓		#2	11.601 11.380 11.158		221 222 443✓		B.M. 27-18 (F.C. B.M. 115-221) BALLONA CR. & GRAND CANAL SEE F.B. 1393-19 & 20 FOR DESCRIPTION
1	27.620	9.207✓		435✓		34.139	11.380✓		443✓	
	2.680 2.460 2.238		220 222 442✓			10.113 9.881 9.649		232 231 464✓		T. E. LANDA
2	7.378	2.459✓		877✓		29.642	9.881✓		907✓	
		11.666✓					21.261✓			B.M. 27-19 (F.C. 115-222A) BALLONA CR. AT PIPE LINE BRIDGE SEE F.B. 1393-21 FOR DESC.
	11.758 11.648 11.537		110 111 221			2.460 2.343 2.229		117 114 231✓		
3	34.943	11.648✓		1.098✓		7.032	2.344✓		1.098✓	
										B.M. 27-20 (F.C. 115-40) BALLONA CR. E. OF PIPE LINE BRIDGE SEE F.B. 1393-21 FOR DESC.
		22.314✓					23.605✓			

F.B. 1393 PG.

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR [illegible] Inst. No. 50010
Notes by G. E. DREIER Time 1:20 TO 3:45 Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-18 To B.M. 27-29
Date 3-5-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5949	23.314	219	1.098		4582	27.605	213	1.138	
	5730		216			4369		214		
	5514		435			4155		427		
4	17.193	5.731		1.533		13.106	[illegible]		1.565	
	4.987		220			5.555		207		
	4.767		217			5.348		208		
	4.550		437			5.140		415		
5	14.304	4.768		1.970		16.043	[illegible]		1.780	
	5.222		153			5.707		154		
	5.069		157			5.553		151		
	4.912		310			5.402		305		
6	15.203	5.068		2.280		16.662	[illegible]		2.285	
	4.690		160			6.154		153		
	4.530		156			6.001		152		
	4.374		316			5.849		305		
7	13.594	4.531		2.596		18.004	6.001		2.590	
										B.M. 27-21 (F.C. 115-42) BALLONA CK. SEE F.B. 1293-21 FOR DESCRIPTION
		43.412					44.877			

F.B. 1393 PG. 52

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR-BREEZY Inst. No. 50010
Notes by G.E. DREIER Time 1:30 TO 3:40 Rod No. Z 85

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-18 To B.M. 27-29
Date 3-5-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Rod Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.424	43.412	147	2.596		6.860	44.877	151	2.590	
	6.277		147			6.709		149		
	6.130		294			6.560		300		
8	18831	6.277		2890		20129	6.710		2.890	
		47.687					51.587			B.M. 27-22 (F.C.B.M. 115-223A) BALLONA CR. SEE F.B. 293-21 FOR DESC.
	6.475		215			5.225		214		
	6.260		212			5.011		213		
	6.048		427			4.798		427		
9	18783	6.261		3.317		15.034	5.011		3.317	
	5.021		212			5.298		215		
	4.809		211			5.083		213		
	4.598		423			4.870		428		
10	14.428	4.809		3.740		15.251	5.084		3.745	
	4.989		164			4.967		166		
	4.825		164			4.801		164		
	4.661		328			4.637		330		
11	14.475	4.825		4.068		14.405	4.802		4.075	
		66.584					66.484			

F.B. [illegible] PG. 155

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:30 to 3:40 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-18 To B.M. 27-29
Date 3-5-53
Indexed A. G. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		65.584		4.068			66.584		4.075	B.M. 27-23 (F.C.B.M. 115-44) BALLONA CR. SEE F.B. 1398-22 FOR DESC.
	6.587		215			5.314		214		
	6.372		212			5.100		211		
	6.160		427			4.889		425		
12	19.119	6.373		4.495		15.303	[illegible]		4.500	
	5.068		212			5.183		214		
	4.856		208			4.969		214		
	4.648		420			4.755		428		
13	13.572	4.857		4.915		14.907	4.969		4.928	
	5.305		213			4.330		214		
	5.092		211			4.116		215		
	4.881		424			3.901		429		
14	15.278	5.093		5.339		12.347	4.116		5.357	
	4.610		100			5.577		102		
	4.510		100			5.475		101		
	4.410		200			5.374		203		
15	13.530	4.510		5.539		16.426	5.475		5.560	
		86.477					86.145			

F.B. 1393 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 G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 8:30 TO 10:20 Rod No. 204

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-18 To B.M. 27-28
Date 3-6-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		86417		5.539			86145		5.560	B.M. 27-24 (F.C. B.M. 115-46) BALLONA CR. SEE F.B. 1393-22 FOR DESC.
	5757		213			5420		213		
	5544		211			5207		213		
	5333		424			4994		426		
16	16634	5545		5963		15621	5207		5986	
	5447		214			4379		215		
	5233		210			4164		214		
	5023		424			3950		429		
17	15703	5234		6387		12493	4164		6415	
	5068		218			5746		204		
	4850		218			5536		206		
	4632		436			5330		410		
18	14550	4850		6823		16606	5535		6825	
	5368		107			5582		097		
	5261		106			5485		096		
	5155		213			5389		193		
19	15784	5261		7036		16456	5485		7018	
		107307					106556			

F.B. 1393 PG. 155

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 8:30 TO 10:20 Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-18 To B.M. 27-29
Date 3-6-53
Indexed R. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		10.730		7.036			10.596		7.018	B.M. 27-25 (F.C.B.M 115-48) BALLONA CR. SEE F.B. 1393-22 FOR DESC.
					65°					
	5.990		209			4.941		211		
	5.781		206			4.730		212		
	5.575		415			4.518		423		
20	17.346	5.782		7.451		14.189	4.730		7.441	
	5.548		214			4.392		213		
	5.334		211			4.179		213		
	5.123		425			3.966		426		
21	16.005	5.335		7.876		12.537	4.179		7.867	
	5.085		215			5.247		215		
	4.870		211			5.032		212		
	4.659		426			4.820		427		
22	14.614	4.871		8.302		15.099	5.033		8.294	
	5.409		087			6.720		082		
	5.322		085			6.638		083		
	5.237		172			6.555		165		
23	15.968	5.323		8.474		19.913	6.638		8.459	
		28.618					27.216			

F.B. 1393 PG. 156

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 8:30 TO 10:20 Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-18 To B.M. 27-29
Date 3-6-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		128.618		8.474			122.116		8.459	B.M. 27-26 (F.C. BM 115-225A) BALLONA CR. OPPOSITE U.C.L.A. BOAT HOUSE SEE F.B. 1393-23 FOR DESC.
24	6.813 6.757 6.700 20.270	6.757	056 057 113	8.587		5.912 5.856 5.799 17.567	5.856	056 057 113	8.572	
		135.375					132.972			B.M. 27-27 (F.C. BM 115-52) OPPOSITE U.C.L.A. BOAT HOUSE SEE F.B. 1393-23 FOR DESC.
25	5.882 5.669 5.457 17.008	5.669	213 212 425	9.012		5.329 5.114 4.901 15.344	5.115	215 213 428	9.000	
26	5.122 4.910 4.700 14.732	4.911	212 210 422	9.434		4.970 4.755 4.542 14.267	4.756	215 213 428	9.428	
		145.955					142.843			

F.B. 1272 PG. 157

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C.E. DREIER Weather CLEAR Inst. No. 50010
Notes by C.E. DREIER Time 8:30 TO 10:20 Rod No. 284

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-18 To B.M. 27-29
Date 3-6-53
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.035	4.5955	208	9.434		4.100	3.843	215	9.428	
	4.827		209			3.885		213		
	4.618		417			3.672		428		
27	14.480	4.827		9.851		11.657	3.886		9.356	
	5.762		220			3.289		219		
	5.542		219			3.170		220		
	5.323		439			2.950		439		
28	16.627	5.542		10.290		9.509	3.170		10.295	
		1.56324					1.3599			B.M. 27-28 (F.C.B.M. 115-226) BALLONA CR. & CULVER BLVD. SEE F.B. 1393-24 FOR DESCRIPTION
	10.612		092			9.534		086		B.M. 27-29 (F.C.B.M. 115-227) BALLONA CR. & CULVER BLVD. SEE F.B. 1393-24 FOR DESCRIPTION
	10.520		091			9.448		087		
	10.429		183			9.361		173		
29	31.561	10.520		10.473	6.00	28.343	9.448		10.468	
										SUMMATION OF RUN 29 B.M. 27-18 TO B.M. 27-28
										TOTAL BACKSIGHTS +166.844
										TOTAL FORESIGHTS - 159.347
		166.844					159.347			DIFF IN ELEV. + 7.497

F.B. 1393 PG. 158

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:20 TO 12:00 Rod No. 2 #4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-29 To B.M. 27-18
Date 3-6-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.680		086			10.761		092		B.M. 27-29 (F.C.B.M. 115-227)
	9.594		085			10.669		091		BALLONA CR. & CULVER BLVD.
	9.509		171			10.578		183		SEE F.B. 1393-24
1	28.783	9.594		171	69°	32.008	10.669		183	FOR DESCRIPTION
										B.M. 27-28 F.C.B.M. 115-226
										BALLONA CR & CULVER BLVD
										SEE F.B. 1393-24
										FOR DESCRIPTION
	3.412		220			5.792		223		
	3.192		217			5.569		221		⊼ E. LANDA
	2.975		437			5.348		444		
2	9.579	3.193		608		16.709	5.570		627	
	4.107		213			5.051		211		
	3.894		212			4.840		210		
	3.682		425			4.630		420		
3	11.683	3.894		1033		14.521	4.840		1050 48	
	4.989		217			5.138		211		
	4.772		213			4.927		211		
	4.559		430			4.716		422		
4	14.320	4.773		1463		14.781	4.927		1472	
		21.454					26.006			

F.B. 1393 PG. 159

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E.DREIER Weather CLEAR Inst. No. 50010
Notes by G.E.DREIER Time 10:20 TO 1200 Rod No. 2 & 4

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-29 To B.M. 27-18
Date 3-6-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.260	21.454	213	1.463		5.813	26.006	215	1.472	
	5.047		215			5.598		211	0	
	4.832		428			5.387		426		
5	15.139	5.046		1.891		16.798	5.599		1.898	
		26.500					31.605			B.M. 27-27 F.C. B.M. 115-52 BALLONA CR. OPPOSITE U.C.L.A. BOAT HOUSE SEE F.B. 1393-23 FOR DESC.
	5.912		058			6.811		056		
	5.854		056			6.755		056		
	5.798		114			6.699		112		
6	17.564	5.855		2.005		20.265	6.755		2.08	
		32.355					38.360			B.M. 27-26 (F.C. B.M. 115-225A) BALLONA CREEK OPPOSITE U.C.L.A. BOAT HOUSE SEE F.B. 1393-23 FOR DESC.
	6.698		083			5.388		087		
	6.615		082			5.301		084		
	6.533		165			5.217		171		
7	19.846	6.615		2.170		15.906	5.302		2.184	
		38.970					43.662			

F.B. 1392 PG. 160

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 10:20 TO 12:00 Rod No. 264

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-29 To B.M. 27-18
Date 3-6-53
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5230	38.970	216	2.170		5060	43.662	213	2184	
	5014		213			4850		212	79	
	4801		429			4638		422		
8	15045	5.015		2.599		14.548	4.849		2.603	
	4267		215			5420		210		
	4052		213			5210		217		
	3839		428			4999		427		
9	12.158	4.052		3.027		15.629	5.210		3.024	
	4930		213			5980		210		
	4717		211			5770		210		
	4506		424			5560		420		
10	14.153	4.718		3.451		17.310	5.770		3.444	
		52.756					59.491			B.M. 27-25 F.C.B.M. 115-48
	5559		299			5372		104		
	5490		097			5268		107		
	5393		196			5161		211		
11	16.472	5.491		3.647		15.801	5.267		3.655	
		58.247					64.758			

F.B. 2162 PG. 161

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 10:20 to 12:00 Rod No. 2 #4

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-29 To B.M. 27-18
Date 3-6-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.870	58.247	210	3.647		5.199	60.758	213	3.655	
	5.660		209			4.977		214		
	5.451		419			4.763		427		
12	16.981	5.660		4.066		14.939	[illegible]		4.082	
	4.295		217			5.362		212		
	4.082		214			5.155		210		
	3.868		431			4.945		422		
13	12.249	4.085		4.497		15.467	5.156		4.504	
	5.589		214			5.937		215		
	5.385		212			5.722		212		
	5.173		426			5.510		427		
14	16.157	5.386		4.923		17.169	5.723		4.927	
		73.376					80.614			BM 27-24 (F.C.B.M 115-46) BALLONA CR. SEE F.B. 1393-22 FOR DESC.
F.B. 1393 PG. 162										
	5.731		103			4.760		100		
	5.628		103			4.660		099		
	5.525		206			4.561		199		
15	16.884	5.628		5.129		13.981	[illegible]		5.128	
		79.004					85.574			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:20 TO 12:00 Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-29 To B.M. 27-18
Date 3-6-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4713	79.004	213	5.129		5.689	85.274	211	5.1~~30~~ 28	
	4500		212			5478		213		
	4.288		425			5265		424		
16	13.501	4.500		5.554		16.432	5.477		5.55~~4~~ 2	
	5215		214			5106		213		
	5.001		212			4.893		209		
	4.787		426			4.684		422		
17	15.003	5.002		5.980		14.683	4.894		5.97~~6~~ 4	
	5.329		211			6617		215		
	5128		211			6402		212		
	4917		422			6190		427		
18	15.384	5.128		6.402		19.209	6.403		6.40~~2~~ 1	
		93.634					102.048			B.M. 27-23 (F.C.B.M. 5.44) BALLONA CR. SEE F.B. 1393-22 FOR DESC.
	5.201		166			5.228		166		
	5.035		165			5.062		162		
	4.870		331			4.900		328		
19	15.106	5.035		6.733		15.190	5.063		6.73~~4~~ 29	
		98.669					107.111			

F.B. 1393 PG. 162

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by R.J. HEMPFLING Time 9:00 TO 10:45 Rod No. 284

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 29-29 To B.M. 29-12
Date 3-9-52
Indexed **A. O. Johnson**

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.389	98.669	214	6.733		5.111	107.111	211	6.724 29	
	5.195		214			4.900		211		T. E. LANDA
	4.961		428			4.687		422		
20.	15.525	5.175		7.161	56°	14.708	4.900		7.157	
	5.133		214			6.384		215		
	4.919		213			6.169		212		
	4.706		427			5.957		427		
21.	14.758	4.919		7.588		18.510	6.170		7.588 78	
		18.763					18.181			B.M. 29-22 (F.C. B.M. 115-223A) BALLONA CR. SEE F.B. 1393-21 FOR DESC.
	6.778		153			6.343		151		
	6.625		153			6.192		149		
	6.472		306			6.043		300		
22.	19.875	6.625		7.894		18.578	6.193		7.870 78	
										B.M. 29-21 (F.C. B.M. 115-42) BALLONA CR. SEE F.B. 1393-21 FOR DESC.
		115.388					124.374			

F.B. 1393 PG. 64

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. PREIER Weather OVERCAST Inst. No. 50010
Notes by R. S. HEMPELING Time 9:00 TO 10:45 Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-29 To B.M. 29-18
Date 3-9-53
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.289	115.388	155	7.894		4.819	124.394	157	7.880	
	6.134		154			4.662		153	78	
	5.980		309			4.509		310		
23.	18.403	6.134		8.203		13.990	4.663		8.190 88	
	5.931		152			5.244		154		
	5.579		154			5.090		152		
	5.455		306			4.938		306		
24.	16.935	5.578		8.509		15.272	5.091		8.496 4	
	5.542		211			4.960		214		
	5.331		211			4.753		213		
	5.120		422			4.540		427	1	
25.	15.993	5.331		8.931		14.260	4.753		8.927	
	4.609		216			5.978		218		
	4.393		214			5.760		217		
	4.179		430			5.543		435	6	
26.	13.181	4.394		9.361		17.281	5.760		9.358	
										B.M. 27-20 (F.C. B.M. 115-40) BALLONA CR. SEE F.B. 1393-21 FOR DESC.
		136.825					144.641			

F.B. 1393 PG. 16

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 G. E. DREYER Weather OVERCAST Inst. No. 50010
Notes by R. J. HEMPELING Time 9:00 TO 10:45 Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-29 To B.M. 27-18
Date 3-9-53
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.960	136.825	119	9.361		11.256	144.641	110	9.358 6	
2	1.841		113			11.146		107		
	1.728		232			11.039		217		
27	5.529	1.843		9.593		33.441	11.147		9.575	
		138.668					11.5788			B.M. 27-19 (F.C. B.M. 115-222A) BALLONA CR. SEE F.B. 1393-21 FOR DESC.
	10.549		231			3.174		224		
	10.368		230			2.950		220		
	10.138		461			2.730		444		
28	31.105	10.368		10.054		8.854	2.951		10.019	
	7.249		219			5.081		219		B.M. 27-18 (F.C. B.M. 115-221) BALLONA CR & GRAND CANAL SEE F.B. 1393-19 & 20 FOR DESC.
	7.030		219			4.862		217		
	6.811		438			4.645		436		
29	21.090	7.030		10.492		14.588	4.863		10.455	SUMMATION OF RUN
										B.M. 27-28 TO B.M. 27-18 TOTAL BACKSIGHTS = + 156.066 TOTAL FORESIGHTS = − 163.602 DIFF. IN ELEVATION = − 7.536
		156.066					163.602			

F.B. 1393 PG. 166

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREISER Weather OVERCAST Inst. No. 50010
Notes by R. J. HEMPFLING Time 9:15 TO 11:25 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-18 To B.M. 27-29
Date 3-10-53
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.569		220		#2	7.748		220		B.M. 27-18 (F.C. B.M. 115-221)
	5.349		219			7.528		220		BALLONA CR. AND GRAND CANAL
	5.130		439			7.308		440		SEE F.B. 1393-19 & 20
1.	16.048	5.349		439	58°	22.584	7.528		440	FOR DESCRIPTION
	3.156		224			10.587		231		
	2.932		221			10.356		233		π E. LANDA
	2.711		445			10.123		464		
2.	8.799	2.933		884		31.066	10.355		904	
		8.282					17.883			B.M. 27-19 (F.C. B.M. 115-222A)
										BALLONA CR. AT PIPE LINE BRIDGE
										SEE F.B. 1393-21 FOR DESC.
	10.798		110			1.582		115		
	10.968		109			1.467		116		
	10.551		219			1.351		231		
3.	32.305	10.768		1.103		4.400	1.467		1.135	
										B.M. 27-20 (F.C. B.M. 115-40)
										BALLONA CR. E. OF PIPELINE BR.
										SEE F.B. 1393-21 FOR DESC.
		19.050					19.350			

F.B. 1392 PG. 167

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by R.J. HEMPFLING Time 9:15 TO 11:25 Rod No. 2 & 4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-18 To B.M. 27-29
Date 3-10-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.909	19.050	216	1.103		4.543	17.350	215	1.135	
	5.693		216			4.328		216		
	5.477		432			4.112		431		
4.	17.079	5.693		1.535		12.983	4.328		1.566	
	4.952		213			5.478		210		
	4.689		214			5.268		209		
	4.475		427			5.059		419		
5.	14.066	4.689		1.962		15.805	5.268		1.985	
	5.231		153			5.721		153		
	5.078		153			5.568		154		
	4.925		306			5.414		307		
6.	15.234	5.078		2.268		16.703	5.568		2.292	
	5.019		155			6.492		155		
	4.864		153			6.337		155		
	4.711		308			6.182		310		
7.	14.594	4.865		2.576		19.011	6.337		2.602	
										B.M. 27-21 (F.C. B.M. 115-42) BALLONA CR. SEE F.B. 1393-21 FOR DESC.
		39.375					41.851			

F.B. 1393 PG. 168

FORM 379 5M 7-40

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700 HALL OF RECORDS

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Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by R.J. HEMPFLING Time 9:15 TO 11:25 Rod No. 2 & 4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-18 To B.M. 27-29
Date 3-10-53
Indexed **K. O. Johnson**

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.344	39.375	147	2.576		6.782	40.851	152	2.602	
	6.197		148			6.630		153		
	6.049		295			6.477		305		
8.	18.590	6.197		2.871		19.889	6.630		2.907	
		45.572					47.481			B.M. 27-22 (F.C. B.M. 115-223 A) BALLONA CR. SEE F.B. 1393-21 FOR DESC.
	6.480		221			5.217		208		
	6.259		220			5.009		208		
	6.039		441			4.801		416		
9.	18.778	6.259		3.312		15.027	5.009		3.323	
	5.040		211			5.318		216		
	4.829		211			5.102		212		
	4.618		422			4.890		428		
10.	14.487	4.829		3.734		15.310	5.103		3.751	
	5.020		165			4.999		167		
	4.855		163			4.832		163		
	4.692		328			4.669		330		
11.	14.567	4.856		4.062		14.500	4.833		4.081	
		61.516					62.416			

F.B. 1392 PG. 165

FORM 379 5M 7-40

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700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by R.J. HEMPELING Time 9:15 To 11:25 Rod No. 284

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 29-18 To B.M. 29-29
Date 3-10-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		6.516		4.062			[illegible]		4.081	B.M. 29-23 (F.C. B.M 115-44) BALLONA CR. SEE F.B. 1393-21 FOR DESC.
	6.262		213			4.989		212		
	6.049		212			4.777		213		
	5.837		425			4.564		425		
12.	18.148	6.049		4.437		14.330	4.777		4.506	
	5.163		211			5.298		216		
	4.952		211			5.062		213		
	4.741		422			4.849		429		
13.	14.856	4.952		4.409		15.189	5.063		4.935	
	5.624		216			4.640		210		
	5.408		215			4.430		209		
	5.193		431			4.221		419		
14.	16.225	5.408		5.340		13.291	4.430		5.354	
	4.509		099			5.481		102		
	4.410		099			5.379		103		
	4.311		198			5.276		205		
15.	13.230	4.410		5.538		16.136	5.379		5.559	
		82.335					82.075			

F.B. 1393 PG. 172

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by R.J. HEMPFLING Time 9:15 TO 11:25 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-18 To B.M. 27-29
Date 3-10-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		82.335		5.538			82.075		5.559	B.M. 27-24 (F.C. B.M. 115-46) BALLONA CR. SEE F.B. 1393-22 FOR DESC.
	6.079		213			5.740		212		
	5.866		214			5.528		211		
	5.652		427			5.317		423		
16.	17.597	5.866		5.965		16.585	5.528		5.982	
	5.426		213			4.360		216		
	5.213		211			4.144		214		
	5.002		424			3.930		430		
17.	15.641	5.214		6.389		12.434	4.145		6.412	
	5.221		211			5.907		209		
	5.010		212			5.698		211		
	4.798		423			5.487		420		
18.	15.029	5.010		6.812		17.092	5.697		6.832	
	5.423		104			5.640		099		
	5.319		107			5.541		099		
	5.212		211			5.442		198		
19.	15.954	5.318		7.023		16.623	5.541		7.030	
		103.743					102.886			

F.B. 1393 PG. 171

FORM 379 5M 7-40

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700 HALL OF RECORDS

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Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by R.J. HEMPFLING Time 9:15 TO 11:25 Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-18 To B.M. 27-29
Date 3-10-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		03.743		7.023			1.2986		7.030	B.M. 27-25 (F.C. B.M. 115-48) BALLONA CR. SEE F.B. 1393-22 FOR DESC.
	5.975		213			4.919		209		
	5.762		210			4.710		209		
	5.552		423			4.501		418		
20.	17.289	5.763		7.446		14.130	4.710		7.448	
	5.434		213			4.281		213		
	5.221		211			4.068		214		
	5.010		424			3.854		427		
21.	15.665	5.222		7.870		12.203	4.068		7.875	
	5.120		211			5.284		214		
	4.909		212			5.070		214		
	4.697		423			4.856		428		
22.	14.726	4.909		8.293		15.210	5.070		8.303	
	5.366		086			6.681		084		
	5.280		085			6.597		086		
	5.195		171			6.511		170		
23.	15.841	5.280		8.464		19.789	6.596		8.473	
		124.917					123.830			

F.B. 1393 PG. 172

FORM 379 5M 7-40

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700 HALL OF RECORDS

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Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by R.J. HEMPFLING Time 9:15 TO 11:25 Rod No. 284

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-18 To B.M. 27-29
Date 3-10-53
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		128.917		8.464			128.450		8.473	B.M. 27-26 (F.C. B.M. 115-225A) BALLONA CR. OPPOSITE U.C.L.A. BOAT HOUSE SEE F.B. 1393-23 FOR DESC.
	6.930 6.872 6.815		058 057 115			6.029 5.971 5.914		058 057 115		
24.	20.617	6.872		8.579		17.914	5.971		8.588	
		131.489					129.423			B.M. 27-27 (F.C. B.M. 115-52) BALLONA CR. OPPOSITE U.C.L.A. BOAT HOUSE SEE F.B. 1393-23 FOR DESC.
	5.808 5.594 5.379		214 215 429			5.252 5.038 4.825		214 213 429		
25.	16.781	5.594		9.508		15.115	5.038		9.015	
	4.999 4.788 4.577		211 211 422			4.848 4.633 4.419		215 214 429		
26.	14.364	4.788		9.430		13.900	4.633		9.444	
		142.171					139.072			

F.B. 222 PG. 172

FORM 379 5M 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

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Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by R.J. HEMPFLING Time 9:15 TO 11:25 Rod No. 2 & 4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-18 To B.M. 27-29
Date 3-10-53
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.083	14.217	211	9.430		4.144	[illegible]	212	9.444	
	4.872		211			3.932		211		
	4.661		422			3.721		423		
27	14.616	4.872		9.852		11.797	3.932		9.867	
	5.748		225			3.370		219		
	5.523		222			3.151		217		
	5.301		447			2.934		436		
28	16.572	5.524		10.299		9.455	3.152		10.303	
		32.567					[illegible]			B.M. 27-28 (F.C.B.M 115-226) BALLONA CR. & CULVER BLVD SEE F.B. 1393-24 FOR DESCRIPTION
	10.774		091			9.695		085		B.M. 27-29 (F.C.B.M. 115-227) BALLONA CR. & CULVER BLVD. SEE F.B. 1393-24 FOR DESCRIPTION
	10.683		092			9.610		085		
	10.591		183			9.525		170		
29	32.048	10.683		10.482	60°	28.830	9.610		10.473	
		163.250					155.766			SUMMATION OF RUN B.M. 27-18 TO B.M. 27-29. TOTAL BACKSIGHTS = + 163.250 TOTAL FORESIGHTS = − 155.766 DIFF IN ELEVATION = + 7.484

F.B. 1393 PG. 174

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Cloudy Inst. No. 50010
Notes by E. Landa Time 1:45 70 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-29 To B.M. 27-18
Date 3-10-53
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9611		86		#2	10690		91		B.M. 27-29 (F.C. 115.227)
	9525		86			10599		91		Ballona Crk. & Culver Blvd
	9439		172			10508		182		See F.B. 1393-24
1	28575	9.525		172	63	31797	10.599		182	for description
										B.M. 27-28 (F.C. 115-226)
										Ballona Crk. & Culver Blvd
										SEE F.B. 1393-24 FOR DESC.
	3300		216			5676		223		
	3084		216			5453		221		⊼ G.E. Dreier
	2868		432			5232		444		
2	9252	3084		604		16361	5.454		626	
	4195		212			5145		212		
	3983		212			4933		212		
	3771		424			4721		424		
3	11949	3.983		1028		14799	4.933		1050	
	4879		214			5032		213		
	4665		215			4819		211		
	4450		429			4608		424		
4	13994	4.665		1457		14459	4.820		1474	
		21.257					25.806			

F.B. 1393 PG. 175

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: E. E. Dreier
Notes by: E. Lynch
Weather: Cloudy
Time: 1:25 to 3:15
Inst. No.: 50010
Rod No.: 284

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 4923
From: B.M. 27-29 To: B.M. 27-18
Date: 3-10-53
Indexed: R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5431	21.257	212	1457		5990	25.806	212	1474	
	5219		211			5778		211		
	5008		423			5567		423		
5	156.58	5.219		1880		173.55	5.178		1897	
		26.476					31.584			B.M. 27-27 (F.C. 115-52) BALLONA CR. OPPOSITE U.C.L.A. BOAT HOUSE SEE F.B. 1393-23 FOR DESC.
	5937		57			6836		56		P
	5880		57			6780		56		
	5823		114			6724		112		
6	176.40	5.880		1994		203.40	6.780		2009	
		32.356					31.564			B.M. 27-26 (F.C. 115-225A) BALLONA CR. OPPOSITE U.C.L.A. BOAT HOUSE SEE F.B. 1393-23 FOR DESC.
F.B. 393 PG. 176	6821		83			5509		86		
	6738		81			5423		85		
	6657		164			5338		171		
7	202.10	6.739		2151		162.70	5.423		2180	
		39.095					43.787			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: G. E. Dreier Weather: Cloudy Inst. No.: 50010
Notes by: E. Landa Time: 1:45 to 3:15 Rod No.: 250

Name: **L. A. CO. PRECISE LEVEL NET**
Job No.: 0923
From: B.M. 27-29 To: B.M. 27-18
Date: 3-10-53
Indexed: R. M. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	39.995	213	2158		5100	43.787	212	2180	
	5041		212			4888		212		
	4837		425			4676		424		
8	15148	5.049		2583		14664	4.888		2604	
	4539		216			5697		215		
	4325		213			5482		212		
	4112		427			5270		427		
9	12976	4.325		3010		16449	5.483		3031	
	4972		214			6037		206		
	4758		215			5831		202		
	4563		429			5629		408		
10	14333	4.778		3439		17497	5.832		3439	
		53.247					59.990			B.M. 27-25 (F.C. 115-48) BALLONA CR. SEE F.B. 1393-22 FOR DESC.
	5610		99			5392		105		
	5511		99			5287		105		
	5412		198			5182		210		
11	16533	5.511		3637		15861	5.287		3649	
		54.758					65.277			

F.B. 272 PG. 77

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 C. E. Dreier Weather Cloudy Inst. No. 50010
Notes by E. Landa Time 1:45 to 3:5 Rod No. 2&4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-29 To B.M. 27-18
Date 3-10-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5918	58.758	212	3637		5233	65.277	213	3649	
	5706		211			5020		210		
	5495		423			4810		423		
12	17119	5.706		4060		15063	5.021		4072	
	4414		215			5490		212		
	4199		214			5268		210		
	3985		429			5058		422		
13	12598	4.199		4489		15806	5.269		4494	
	5657		214			5995		212		
	5443		210			5783		212		Ended day 3:30 p.m.
	5233		424			5571		424		3-10-53
14	16333	5.444		4913	65°	17349	5.783		4918	
		74.107					81.350			B.M. 27-20 (F.C. 15-46)
										BALLONA CR.
										SEE F.B. 1393-22 FOR DESC
	5772		103			4798		99		
	5669		102			4699		97		Began day 9:50 a.m.
	5567		205			4602		196		3-11-53 - Clear
15	17008	5.669		5118		14099	4.700		5114	Temp. 62°
		79.776					86.050			

F.B. 1393 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: E.E. Dreier Weather: Clear Inst. No.: 50010
Notes by: E. Landa Time: 9:50 to 11:00 Rod No.: 254

Name: **L. A. CO. PRECISE LEVEL NET**
Job No.: 4923
From: B.M. 27-29 To: B.M. 27-18
Date: 3-11-53
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		99.776		5118			96.050		5114	
	4733		213			5709		213		
	4520		212			5499		211		
	4308		425			5288		421		
16	15561	5.520		5503		16496	5.499		5535	
	5261		213			5150		211		
	5028		215			4939		211		
	4833		428			4728		422		
17	15142	5.047		5971		14817	4.939		5957	
	5442		208			6722		214		
	5235		204			6508		218		
	5031		412			6290		432		
18	15709	5.236		6383		19520	6.507		6389	
		94.579					102.995			B.M. 27-23 (F.B. 115-44) BALLONA CR. See F.B. 1393-22 for description
	5071		163			5095		162		
	4908		165			4931		164		
	4743		328			4767		326		
19	14722	4.907		6711		14791	4.930		6715	
		99.486					107.925			

F.B. 1393 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: C.E. Dreier Weather: Clear Inst. No.: 50010
Notes by: E. Landa Time: 9:50 to 11:00 Rod No.: 2E4

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 4923
From: B.M. 27-29 To: B.M. 27-18
Date: 3-11-53
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5491	99.086	213	6711		5216	99.925	213	6715	
	5278		212			5003		212		
	5066		425			4791		425		
20	15835	5.278		7136		15010	5.003		7140	
	5302		214			5557		216		
	5088		214			5341		213		
	4877		425			5128		429		
21	15267	5.089		7561		15026	5.042		7569	
		109.853					114.670			B.M. 27-22 (F.C. 115-223A) BALLONA CR. See F.B. 1393-21 for description
	6921		151			6528		150		
	6810		151			6378		149		
	6659		302			6229		299		
22	20430	6.810		7863		19135	6.378		7868	
										B.M. 27-21 (F.C. 115-42) BALLONA CR. See F.B. 1393-21 for description
		116.663					125.648			

F.B. 1393 PG. 18

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 9:50 to 11:00 Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-29 To B.M. 27-18
Date 3-11-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6447	116.663	155	7863		4975	125.648	154	7868	
	6292		154			4821		152		
	6138		309			4669		306		
23	18877	6.292		8172		14465	4.822		8174	
	5851		154			5361		152		
	5697		153			5209		152		
	5544		307			5057		304		
24	17092	5.697		8479		15627	5.209		8478	
	5576		211			4998		214		
	5365		210			4784		214		
	5155		421			4570		428		
25	16096	5.365		8900		14352	4.784		8906	
	4608		215			5977		216		
	4393		214			5761		217		
	4179		429			5544		433		
26	13180	4.393		9329		17282	5.761		9339	
										B.M. 27-20 (F.C. 115-40 BALLONA CR. See F.B. 393-21 for description
		138.410					146.224			

F.B. 1393 PG. 181

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: A. E. Dreier Weather: Clear Inst. No.: 50010
Notes by: E. Landa Time: 9:50 to 11:00 Rod No.: 28 a

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 4923
From: B.M. 27-29 To: B.M. 27-18
Date: 3-11-53
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1483	138.810	113	9329		10786	146.224	113	9339	
	1370		113			10673		111		
	1257		226			10562		226		
27	41110	1.370		9555		32021	10.674		9563	
		139.780					156.898			B.M. 27-19 (F.C. 115-22A) BALLONA CR. SEE F.B. 1392-21 FOR DESC.
	10108		229			2725		226		
	9919		228			2499		226		
	9691		457			2273		452		
28	29758	9.919		10012		7697	2.499		10015	
	9197		218			7019		219		B.M. 27-18 (F.C. 115-22) BALLONA CR. & GRAND CANAL
	8979		217			6800		218		
	8762		435			6582		437		SEE F.B. 1393-19 & 20 for description
29	26938	8.979		10447	63°	20401	6.800		10452	
										Total Backsights = + 158.678
										Total Foresights = − 166.197
										Diff. in Elev. = − 7.519
		158.678					166.197			

F.B. 1393 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 C. E. DREIER Weather HAZY-BREEZY Inst. No. 50010
Notes by C. E. DREIER Time 10:45 TO 2:00 Rod No. 284

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4922
From B.M. 27-18 To B.M. 27-29
Date 3-17-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6517		220		#2	8694		221		B.M. 27-18 (F.C. B.M. 115-221)
	6297		218			8473		220		BALLONA CR. & GRAND CANAL
	6079		438			8253		441		SEE F.B. 1390-19 & 20
1	18893	6298		438	61°	25420	8473		441	FOR DESCRIPTION
	3264		225			10791		232		
	3039		221			10559		231		π E. LANDA
	2818		446			10328		463		
2	9421	3140		884		31678	10559		904	
		9438					19032			B.M. 27-19 (F.C. B.M. 115-222A)
										BALLONA CR. E. OF PIPELINE BRIDGE
										SEE F.B. 1393-21 FOR DESC.
	10840		111			1540		115		
	10729		109			1425		115		
	10620		220			1310		230		
3	32189	10730		1104		4275	1425		1134	
										B.M. 27-20 (F.C. B.M. 115-40)
										BALLONA CK, E. OF PIPE LINE BR.
										SEE F.B. 1392-21 FOR DESC.
		20168					20457			

F.B. PG.

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No. 5-0010
Notes by G. E. DREIER Time 10:45 TO 2:[illegible] Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-18 To B.M. 27-27
Date 3-12-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.979	20.168	216	1.104		4.612	22.457	215	1.134	
	5.763		214			4.397		217		
	5.549		430			4.180		432		
4	17.291	5.764		1.534		13.189	4.396		1.566	
	4.912		213			5.490		212		
	4.699		214			5.278		210		
	4.485		427			5.068		422		
5	14.096	4.699		1.964		15.836	5.279		1.988	
	5.210		153			5.699		153		
	5.057		154			5.546		154		
	4.903		307			5.392		307		
6	15.170	5.057		2.268		16.637	5.546		2.295	
	4.919		161			6.379		150		
	4.758		159			6.229		149		
	4.599		320			6.080		299		
7	14.276	4.759		2.588		18.688	6.229		2.594	
										B.M. 27-21 (F.C.B.M. 115-42) BALLONA CR. SEE F.B. 1392-21 FOR DESC.
		40.447					41.907			

F.B. 1393 PG. 184

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No. 50010
Notes by G. E. DREIER Time 10:45 TO 2:45 Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-18 To B.M. 27-29
Date 3-17-53
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.512	40.447	149	2.588		6.953	41.907	152	2.594	
	6.363		147			6.798		152		
	6.216		296			6.646		304		
8	19.091	6.364		2.884		20.394	6.798		2.898	
		46.811					48.705			B.M. 27-22 (F.C. B.M. 115-223A) BALLONA CR. SEE F.B. 1393-B FOR DESCRIPTION
	6.590		213			5.339		214		
	6.377		213			5.125		214		
	6.164		426			4.911		428		
9	19.131	6.377		3.310		15.375	5.125		3.326	
	5.221		211			5.499		215		
	5.010		211			5.284		212		
	4.799		422			5.072		427		
10	15.030	5.010		3.732		15.855	5.285		3.753	
	5.341		164			5.319		167		
	5.177		164			5.152		163		
	5.013		328			4.989		330		
11	15.531	5.177		4.060		15.460	5.153		4.083	
		63.375					64.268			

F.B. 1393 PG. 185

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C. E. DREIER Weather HAZY-BREEZY Inst. No. 50010
Notes by C. E. DREIER Time 10:45 TO 2:45 Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-18 To B.M. 27-29
Date 3-17-53
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		6.3375		4.060			6.4268		4.083	B.M. 27-23 (F.C.B.M. 115-44) BALLONA CK. SEE F.B. 1393-22 FOR DESC.
12	6.731 6.518 6.307 19.556	6.519	213 211 424	4.484		5.457 5.247 5.037 15.743	5.248	212 210 422	4.505	
13	5.169 4.957 4.748 14.874	4.958	212 209 421	4.905		5.280 5.066 4.852 15.198	5.066	214 214 428	4.933	
14	5.699 5.487 5.278 16.464	5.488	212 209 421	5.326		4.721 4.508 4.295 13.524	4.508	213 213 426	5.359	
15	4.668 4.562 4.459 13.689	4.563	106 103 209	5.535		5.626 5.530 5.433 16.589	5.530	096 097 193	5.552	
		84.903					84.620			

F.B. 1392 PG. 186

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 10:45 TO 2:45 Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-18 To B.M. 27-29
Date 3-17-53
Indexed **A. C. Johnson**

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		84.903		5.535			84.620		5.552	B.M. 27-24. (F.C.B.M. 15-46) BALLONA CR SEE F.B. 1393-22 FOR DESC.
	5.862		213			5.522		213		
	5.649		214			5.309		210		
	5.435		427			5.099		423		
16	16.946	5.649		5.962		15.930	5.310		5.975	
	5.485		214			4.410		212		
	5.271		215			4.198		209		
	5.056		429			3.989		421		
17	15.812	5.271		6.391		12.597	4.199		6.396	
	5.199		211			5.884		210		
	4.988		211			5.674		210		
	4.777		422			5.464		420		
18	14.964	4.988		6.813		17.022	5.674		6.816	
	5.421		105			5.635		097		
	5.316		105			5.538		098		
	5.211		210			5.440		195		
19	15.948	5.316		7.023		16.613	5.538		7.011	
		106.127					105.341			

F.B. 1394 PG. 187

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C. E. DREIER Weather CLEAR Inst. No. 50610
Notes by C. E. DREIER Time 10.45 TO 2.45 Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27.18 To B.M. 27-29
Date 3-17-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		106.127		7023			105.341		7011	B.M. 27-25 (F.C.B.M. 115-48) BALLONA CR. SEE F.B. 1348-22 FOR DESC.
20	6037 5836 5622 17491	5830	209 208 417	7440		4992 4778 4568 14338	4779	214 210 424	7435	
21	5527 5313 5101 15941	5314	214 212 426	7866		4369 4157 3942 12468	4156	212 215 427	7862	
22 F.B. 1293 PG. 188	5117 4904 4695 14716	4905	213 209 422	8288		5280 5068 4852 15200	5067	212 216 428	8290	
23	5424 5339 5252 16015	5338	084 085 169	8457		6737 6653 6572 19962	6654	084 081 165	8455	
		127.514					125.997			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR BWINDY Inst. No. 50010
Notes by G. E. DREIER Time 10:45 TO 2:45 Rod No. 294

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-18 To B.M. 27-29
Date 3-17-53
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		122.510		8.457			126.997		8.455	B.M. 27-26 (F.C.B.M. 115-225A) BALLONA CR. OPPOSITE U.C.L.A. BOAT HOUSE. SEE F.B. 293-23 FOR DESC.
24	6.833 6.777 6.726 20.338	6.779	.054 .053 .107	8.564		5.939 5.880 5.821 17.640	5.880	.059 .059 .118	8.573	
		130.293					131.877			B.M. 27-27 (F.C.B.M. 115-52) BALLONA CR. OPPOSITE U.C.L.A. BOAT HOUSE. SEE F.B. 1392-22 FOR DESC.
25	5.920 5.706 5.493 17.119	5.706	.214 .213 .427	8.991		5.365 5.150 4.938 15.453	5.151	.215 .212 .427	9.000	
26	5.132 4.918 4.708 14.758	4.918	.214 .210 .424	9.415		4.979 4.763 4.550 14.292	4.764	.216 .213 .429	9.029	
		144.917					141.792			

F.B. 1393 PG. 189

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-WARM Inst. No. 50010
Notes by G. E. DREIER Time 10:45 TO 2:45 Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-18 To B.M. 27-29
Date 3-12-53
Indexed **A. C. Johnson**

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.035	144.917	211	9.415		4.093	141.792	212	9.429	
	4.824		211			3.881		209		SUMMATION OF RUN
	4.613		422			3.672		421		B.M. 27-18 TO B.M. 27-29
27	14.472	4.824		9.837		11.646	3.882		9.850	TOTAL BACKSIGHTS + 165.979
	5.798		223			3.424		217		TOTAL FORESIGHTS - 158.470
	5.575		220			3.207		218		DIFF IN ELEVATION + 7.509
	5.355		443			2.989		435		
28	16.728	5.576		10.280		9.620	3.207		10.285	
		155.317					148.881			B.M. 27-28 (F.C.B.M. 115-226)
										BALLONA CR. & CULVER BLVD.
										SEE F.B. 1373-24
										FOR DESCRIPTION
	10.755		094			9.674		085		B.M. 27-29 (F.C.B.M. 115-227)
	10.661		091			9.589		086		BALLONA CR. & CULVER BLVD.
	10.570		189			9.503		171		SEE F.B. 1373-24
29	31.986	10.662		10.265		28.766	9.589		10.036	FOR DESCRIPTION
F.B. 1373 PG. 19										
		165.979					158.470			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 1:00 70 Rod No. 2 #4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-29 To B.M. 27-18
Date 3-18-53
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
	9.596 9.509 423		087 086 173		#2	10.675 10.582 10.491		093 091 184		B.M. 27-29 (F.C.B.M. 115-227 BALLONA CR. & CULVER BLVD SEE F.B. 1373-24 FOR DESCRIPTION
1	28.528	9.509		173	62°	31.748	10.583		184	
										B.M. 27-28 (F.C.B.M. 115-226) BALLONA CR. & CULVER BLVD. SEE F.B. 1373-24 FOR DESCRIPTION
	3.310 3.091 2.873		219 218 437			5.688 5.464 5.241		224 223 447		T E. LANDA
2	9.274	3.091		610		16.393	5.464		631	
	4.060 3.849 3.638		211 211 422			5.010 4.798 4.588		212 210 422		
3	11.547	3.849		1.032		14.396	4.799		1.053	
	5.042 4.828 4.614		214 214 428			5.192 4.979 4.768		213 211 424		
4	14.484	4.828		1.460		14.939	4.980		1.477	
		21.277					25.826			

F.B. [illegible] PG. 191

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather HAZY - BREEZY Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-29 To B.M. 27-18
Date 3-18-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.238	21.277	216	1460		5.789	25.826	212	1477	
	5.022		213			5.577		215		
	4.809		429			5.362		427		
5	15.069	5.023		1.889		16.728	5.576		1.904	
		26.300					31.402			B.M. 27-27 (F.C. B.M. 115-52) BALLONA CR. OPPOSITE U.C.L.A. BOAT HOUSE SEE F.B. 1393-25 FOR DESC.
	5.946		057			6.846		057		
	5.889		057			6.789		057		
	5.832		114			6.732		114		
6	17.667	5.889		2.003		20.367	6.789		2.018	
		32.189					38.191			B.M. 27-26 (F.C. B.M. 115-225A) BALLONA CR. OPPOSITE U.C.L.A. BOAT HOUSE SEE F.B. 1393-23 FOR DESC.
F.B. 1393 PG. 192	6.677		082			5.367		087		
	6.595		082			5.280		086		
	6.513		164			5.194		173		
7	19.785	6.595		2.167		15.841	5.280		2.191	
		38.784					43.471			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY-BREEZY Inst. No. 50010
Notes by G. E. DREIER Time 100 70 Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-29 To B.M. 27-18
Date 3-18-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5238	38.784	216	2167		5070	43.471	210	2191	
	5022		215			4860		210		
	4807		431			4650		420		
8	15067	5.022		2598		14580	4.860		2611	
	4318		215			5473		213		
	4103		213			5260		209		
	3890		428			5051		422		
9	23111	4.104		3026		15784	5.261		3033	
	5030		213			6073		205		
	4817		215			5868		205		
	4602		428			5663		210		
10	14449	4.816		3454		17604	5.865		3443	
		52.736					39.460			B.M. 27-25 (F.C.B.M. 115-48) BALLONA CR. SEE F.B. 393-22 FOR DESC.
	5639		097			5425		106		
	5542		098			5319		106		
	5444		195			5213		212		
11	16625	5.542		3649		15957	5.319		3655	
		58.268					64.779			

F.B. 1292 PG. 162

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather HAZY-WINDY Inst. No. 50010
Notes by G.E. DREIER Time 1:00 PM Rod No. 284

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-29 To B.M. 27-18
Date 3-18-53
Indexed L.O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5864	58.268	211	3649		5.179	64779	212	3.655	
	5653		210			4.967		212		
	5.443		421			4.755		424		
12	16.960	5653		4070		14.901	4.967		4.079	
	4368		215			5.435		213		
	4.153		215			5.222		212		
	3.938		430			5.010		425		
13	12.459	4.153		4.500		15.667	5.222		4.504	
	5.600		211			5.938		215		
	5.389		210			5.723		212		
	5.179		421			5.511		427		
14	16.168	5.389		4.921		17.172	5.724		4.931	
		73.463					80.672			B.M. 27-24 (F.C.B.M. 115-46) BALLONA CO. SEE F.B. 1348-22 FOR DESC.
F.B. 1323 PG. 194										
	5741		102			4.770		099		
	5639		100			4.671		099		
	5539		202			4.572		198		
15	16.919	5.640		5.123		14.013	4.671		5.129	
		79.103					85.363			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-29 To B.M. 27-18
Date 3-18-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.607	79.103	215	5.123		5.620	85.362	212	5.129	
	4.432		213			5.408		210		
	4.219		428			5.198		422		
16	13.298	4.433		5.551		16.226	5.409		5.551	
	5.253		214			5.139		210		
	5.039		214			4.929		210		
	4.825		428			4.719		420		
17	15.117	5.039		5.979		14.787	4.929		5.971	
	5.414		213			6.689		212		
	5.201		211			6.477		214		
	4.990		424			6.263		426		
18	15.605	5.202		6.403		19.429	6.476		6.397	
		93.777					102.177			B.M. 27-23 (F.S.B.M. 115-44)
										BALLONA CR.
										SEE F.B. 1393-22 FOR DESC.
	5.470		164			5.492		164		
	5.306		164			5.328		164		
	5.142		328			5.164		328		
19	15.918	5.306		6.731		15.984	5.328		6.725	
		99.083					107.505			

F.B. 1393 PG. 195

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:00 PM Rod No. 2.94

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-29 To B.M. 27-18
Date 2-18-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.521	98.083	214	6.731		5.243	105.505	211	6.725	
	5.307		213			5.032		212		
	5.094		427			4.820		423		
20	15.922	5.307		7.158		15.095	5.032		7.148	
	5.070		215			6.324		215		
	4.855		214			6.109		214		
	4.641		429			5.895		429		
21	14.566	4.855		7.587		18.328	6.109		7.577	
		109.245					118.646			B.M. 27-22 (F.C. B.M. 115-223A) BALLONA CR. SEE F.B. 1393-21 FOR DESC.
	7.028		150			6.594		148		
	6.878		151			6.446		149		
	6.727		301			6.297		297		
22	20.633	6.878		7.888		19.337	6.446		7.874	
										B.M. 27-21 (F.C. B.M. 115-42) BALLONA CR. SEE F.B. 1393-21 FOR DESC.
		116.123					129.092			

F.B. 1393 PG. 196

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-29 To B.M. 27-18
Date 3-18-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.430	116.123	153	7.888		4.955	125.092	156	7.874	
	6.277		156			4.799		153		
	6.121		309			4.650		309		
23	18.828	6.276		8.197		14.412	4.804		8.183	
	5.741		152			5.254		154		
	5.589		154			5.100		151		
	5.435		306			4.949		305		
24	16.765	5.588		8.503		15.303	5.101		8.488	
	5.561		211			4.988		212		
	5.350		210			4.772		214		
	5.140		421			4.558		426		
25	16.051	5.350		8.924		14.314	4.771		8.914	
	4.545		216			5.911		215		
	4.329		217			5.696		217		
	4.112		433			5.479		432		
26	12.986	4.329		9.357		17.086	5.695		9.346	
										B.M. 27-20 (F.C.B.M. 115-40) BALLONA CR. SEE F.B. 1393-21 FOR DESC.
		137.666					145.463			

F.B. 1393 PG. 27

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C. E. DREIER Weather HAZY-WINDY Inst. No. 50010
Notes by C. E. DREIER Time 1:00 Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4922
From B.M. 27-29 To B.M. 27-18
Date 3-18-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	16.44	137.666	115	9357		10.937	165.463	110	9346	
	15.29		116			10.827		109		
	14.13		231			10.720		219		
27	44.586	15.529		9588		32.488	10.829		9565	
		139.195					165.292			B.M. 27-19 (F.C.B.M. 115-222A) BALLONA CR. SEE F.B. 1398-21 FOR DESC.
	10.877		235			3.443		221		
	10.642		231			3.222		221		
	10.411		466			3.001		442		
28	31.930	10.643		10054		9.666	3.222		10.007	
	7.931		208			5.779		231		B.M. 27-18 (F.C.B.M. 115-221) BALLONA CR. & GRAND CANAL SEE F.B. 1393-19 & 20 FOR DESCRIPTION
	7.723		205			5.548		228		
	7.518		413			5.320		459		
29	23.172	7.724		10467		16.647	5.549		10466	
F.B. 1393 PG. 19 &										SUMMATION OF RUN B.M. 27-29 TO B.M. 27-18 TOTAL BACKSIGHTS + 157.562 TOTAL FORESIGHTS - 165.063 DIFF IN ELEVATION - 7.501
		157.562					165.063			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO 2:50 Rod No. 2 & 4

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-29 To B.M. 27-33
Date 3-11-53
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
	0.969		049		#2	6.560		046		B.M. 27-29 (F.C. B.M. 115-227)
	0.920		049			6.514		045		BALLONA CR. & CULVER BLVD
	0.871		098			6.469		091		SEE F.B. 1393-24
1	2.760	0.920		098	65°	19.543	6.514		091	FOR DESCRIPTION
	5.[illegible]		2[illegible]			2.799		2[illegible]		
	5.408		210			2.590		208		⊼ E. LANDX
	5.[illegible]8		427			2.382		417		
2	16.225	5.408		519		7.771	2.590		508	
	6.13[illegible]		17[illegible]			9.[illegible]7		185		
	5.967		169			9.5[illegible]		[illegible]		
	5.798		339			9.[illegible]		368		
3	17.902	5.967		858		28.598	[illegible]		876	
	3.513		136			2.05[illegible]		13[illegible]		
	3.377		137			1.922		131		
	3.240		273			1.791		264		
4	10.130	3.377		1.131		5.768	1.923		1.140	
										(NO NUMBER) B.M. 27-30 (CITY OF LOS ANGELES DEPT. OF PUBLIC WORKS B.M.) CULVER BLVD & ROOSEVELT HWY SEE F.B. 1393-25 FOR DESCRIPTION
		15.677					20.560			

F.B. 1393 PG. 199

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:[illegible] Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-29 To B.M. 27-33
Date 3-11-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.878	15.673	117	1131		4.497	20.565	095	1140	
	1.761		114			4.402		092		
	1.647		231			4.310		187		
5	5.286	1.762		1.362		13.209	[illegible]		1.327	
	7.486		140			1.838		156		
	7.340		140			1.682		152		
	7.200		280			1.530		308		
6	22.020	7.340		1.642		5.050	[illegible]		1635	
	5.609		056			1.967		048		
	5.553		059			1.919		048		
	5.500		109			1.871		096		
7	16.662	5.554		1.761		5.757	[illegible]		1731	
		30.328					28.565			B.M. 27-31 (F.C. B.M. 115-228) BALLONA CR. & ROOSEVELT HWY SEE F.B. 1393-25 FOR DESCRIPTION
	0.330		059			5.613		059		
	0.271		058			5.554		060		
	0.213		117			5.494		119		
8	0.814	0.271		1.868		16.661	[illegible]		1850	
		30.599					34.119			

F.B. 1393 PG. 200

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:00 70 2:50 Rod No. 2 [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-29 To B.M. 27-33
Date 3-11-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6433	30.5[illegible]	205	1868		5.2[illegible]4	34.1[illegible]	216	1852	
	6228		209			5058		215		
	6[illegible]		[illegible]			4.843		431		
9	18.680	6.22[illegible]		[illegible]		15.175	[illegible]		2.28[illegible]	
	[illegible]		2[illegible]			5.1[illegible]8		2[illegible]		
	[illegible]		2[illegible]			4.904		211		
	[illegible]		428			4.6[illegible]3		425		
10	12.828	4.276		2.710		14.7[illegible]5	4.9[illegible]		2.706	
	5320		210			5.268		215		
	[illegible]		2[illegible]			5.053		212		
	[illegible]		420			4.841		427		
11	15330	5.110		3.130		15162	5.054		3.1[illegible]	
	5.374		210			4.[illegible]		216		
	5164		210			4373		213		
	4.954		420			4.160		429		
12	15492	5.164		3.550		13.122	4.374		3.562	
	4956		213			5.[illegible]		213		
	4723		209			5190		211		
	4519		422			4979		424		
13	14173	4.724		3.972		15.572	5.191		3.986	
		56100					58.701			

F.B. 1393 PG. 201

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR [illegible] Inst. No. 50[illegible]
Notes by G. E. DREIER Time 1100 TO 2[illegible] Rod No. 2 [illegible]

Name **L. A. CO. PRECISE LEVEL NET**
Job No. [illegible]
From B.M. 22-29 To B.M. 27-33
Date 3-11-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.561	56.100	213	3972		4.692	[illegible]	208	3986	
	5.348		215			4.484		207		
	5.133		428			[illegible]		[illegible]		
14	16.042	5.347		4400		13.455	4.484		4401	
	6.057		213			4.8[illegible]		215		
	5.844		212			4.612		213		
	5.6[illegible]		425			4.399		425		
15	17.533	5.844		4.8[illegible]		12.838	[illegible]		4.829	
	5.875		215			8.833		216		
	5.660		211			8.617		217		
	5.4[illegible]		426			8.4[illegible]		433		
16	16.984	5.661		5251		25.8[illegible]	[illegible]		5.262	
	3.08[illegible]		137			7.[illegible]		143		
	2.943		134			7.038		[illegible]		
	2.809		271			6.8[illegible]		282		
17	8.832	2.944		5522		21.118	[illegible]		5[illegible]	
	5.072		1[illegible]			5.9[illegible]8		[illegible]		
	4.915		154			5.8[illegible]7		141		
	4.761		311			5.[illegible]76		282		
18	14.748	4.916		5833		17.1[illegible]5	[illegible]		5826	
		80.812					[illegible]			

F.B. 1393 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 G. E. [illegible] Weather [illegible] Inst. No. 5.0010
Notes by [illegible] Time 1:00 to 2:50 Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From B.M. 27-29 To B.M. 27-33
Date 3-11-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		80.812		5.333			89.271		58.26	B.M. 27-32 ([illegible]) Balcona Cr. & Pe. See F.B. 1393-26 For Description
	9313		028			0.828		033		
	9255		028			0.795		032		
	9257		056			0.763		065		
19	27.855	9.285		5.889		2.386	0.795		5.891	
	6.978		049			8.966		053		B.M. 27-33 (F.S. B.M. 115-229) Balcona Cr. & Pe. R.R. Bridge See F.B. 1393-26 For Description
	6.929		050			8.913		051		
	6.879		099			8.862		104		
20	20.786	6.929		5.998		26.741	8.914		5.995	
										Summation of Run B.M. 27-29 to B.M. 27-33 Total Backsights = 97.026 Total Foresights = 98.980 Diff. in Elevation = 1.954
		97.026					98.980			

F.B. 1393 PG. 203

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

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

F.B. 1395 PG. 204

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by C. E. DREIER Time 2:50 TO 3:45 Rod No. 2 44

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4022
From B.M. 27-32 To B.M. 27-29
Date 3-11-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.989		52			7000		049		B.M. 27-33 (F.B. 1. 115-229,
	8.936		51			6951		049		BALLONA CR. & P.E. R.R.
	8885		104			6902		98		SEE F.B. 1393-26
1	26.810	8.952		104		20.853	6.951		098	FOR DESCRIPTION
	1.408		031			9.907		32		
	1.387		034			9.875		28		T. E. LANDA
	1.353		.065			9.847		60		
2	4.158	1.386		169		29.629	9.876		158	
		10.323					16.827			B.M. 27-32 (F.C. B.M. MON.)
										BALLONA CR. & P.E. R.R.
										SEE F.B. 1393-26
										FOR DESCRIPTION
	6300		147			5451		99		
	6153		144			5.252		150		
	6009		291			5102		3-9		
3	18462	6.154		460		15755	5.252		457	
	6489		141			2.382		133		
	6348		143			2249		137		
	6205		284			2112		270		
4	19.042	6.347		744		8.743	2.248		727	
		22.824					24.327			

F.B. 1393 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 G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 2:50 TO 5:47 Rod No. 2 84

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-33 To B.M. 27-29
Date 3-11-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.829	22.824	216	744		5.872	24.327	214	727	
	8613		215			5658		210		
	8398		431			5.448		424		
5	25840	8.613		1175		16.978	5.659		1151	
	4.762		213			5.998		209		
	4.549		211			5.789		211		
	4.338		424			5.578		420		
6	13.649	4.550		1.599		17.365	5.788		1.571	
	4.581		213			5.445		212		
	4.368		213			5233		211		
	4.155		426			5022		423		
7	13.104	4.368		2025		15.700	5.233		1994	
	5.575		215			4.707		214		
	5.160		211			4.693		211		
	4.949		426			4.482		425		
8	15.484	5.161		2451		14.082	5.694		2419	
	4.570		222			5.239		204		
	4.348		218			5135		203		
	4.130		440			4932		407		
9	13.048	4.349		2891		15.406	5.135		2826	
		49.865					50.836			

F.B. 1393 PG. 206

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather CLEAR-WINDY Inst. No. 50016
Notes by G. E. Dreier Time 2:50 TO 3:45 Rod No. 284

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-28 To B.M. 27-29
Date 3-11-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5140	49.865	202	2891		5217	50.896	222	2826	
	4938		205			4995		220		
	4733		202			4775		442		
10	49.816	4.939		3293		49.987	4.996		3265	
	5088		209			4471		220		
	4879		207			4.201		218		
	4672		416			4.033		438		
11	4.639	4.580		3.709		12.755	4.252		3.706	
	5258		210			6432		212		
	5048		210			6.218		21		
	4838		420			6.107		420		
12	15.144	5.048		4.129		18.657	6.31		4.131	
	5829		065			0.540		252		
	5764		064			0.481		260		
	5700		129			0.421		12		
13	17.293	5.764		4.258	60°	1.442	0.481		4.253	
										F.M. 27-31 (F.B. 115-228) BALLONA CR. & ROOSEVELT HWY SEE F.B. 1373-25
		70.496					66.784			

F.B. 1373 PG. 207

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR - WINDY Inst. No. 50012
Notes by G.E. DREIER Time 10:15 TO 11:00 Rod No. 2.84

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-32 To B.M. 27-29
Date 3-12-53
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.829	72.496	049	4.258		5.471	6.784	055	4.350	
	1.780		049			5.416		055		
	1.731		.098			5.361		110		
14	5.340	1.780		4.356	62°	16.248	5.416		4.360	
	1.860		147			7.518		148		
	1.713		147			7.370		147		
	1.566		294			7.223		295		
15	5.139	1.713		4.650		22.111	7.370		4.655	
	4.440		102			1.509		103		
	4.342		101			1.406		107		
	4.241		203			1.594		210		
16	13.027	4.342		4.855		5.104	[illegible]		4.570	
F.B. 1393 PG. 208		78.331					81.171			B.M. 27-30 (CITY OF L.A.) ROOSEVELT HWY & CULVER SEE F.B. 1392-26 FOR DESCRIPTION
	2.061		137			3.512		134		
	1.924		135			3.378		133		
	1.789		272			3.245		267		
17	5.774	1.925		5.125		10.135	3.378		5.137	
		10.356					84.649			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR - WINDY Inst. No. 5[illegible]0
Notes by G. E. DREIER Time 10:15 TO 11:00 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-33 To B.M. 27-29
Date 3-12-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9812	80.256	183	5.125		6234	84.640	167	5.137	
	9629		180			[illegible]		169		
	[illegible]		363			5896		338		
18	28890	9.630		5.488		18195	6.065		5.475	
	2738		210			5523		213		
	2528		208			5310		212		
	2320		418			5098		425		
19	7586	2.529		5.906		15931	[illegible]		5.900	
	6200		047			0.652		051		B.M. 27-29 (F.C.B.M. 115-227)
	6.153		043			0.601		050		BALLONA CR. & CULVER BLVD.
	6.110		090			0.551		101		SEE F.B. 1393-24
20	18463	6.154		5.996	62°	1.804	0.601		6.001	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 27-33 TO B.M. 27-29
										TOTAL BACKSIGHTS +98.569 ✓
										TOTAL FORESIGHTS -96.625 ✓
										DIFF. IN ELEV. +1.944 ✓
		98.569					96.625			

F.B. 1393 PG. 209

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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. 393 PG. 210										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:25 to 3:30 Rod No. 2&4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-33 To B.M. 27-34
Date 3-12-53 A. O. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	6846 6632 6422 19900	6.633	214 210 424	424	62°	7140 6923 6709 20772	6.924	217 214 431	431	B.M. 27-33 (F.C. 115-229) BALLONA CR. & P.E. R.R. See F.B. 1393-26 for description
2	7529 7316 7103 21948	7.316	213 213 426	850		6610 6397 6185 19192	6.397	213 212 425	856	⊼ G. E. Dreier
3	7353 7233 7113 21699	7.233	120 120 240	1090		7798 7672 7547 23017	7.672	126 125 251	1107	
4	2417 2270 2125 6812	2.271	147 145 292	1382		10551 10409 10265 31225	10.408	142 144 286	1393	
		23.453					31.401			B.M. 27-33 A (F.C.B.M. 115-229 A) BALLONA CR. & McCONNELL AVE See F.B. 1393-27 for description

F.B. 1393 PG. 211

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:25 To [illegible] Rod No. 2.C.C.

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 2933
From B.M. 27-33 To B.M. 27-34
Date 8-12-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10268	23.453	211	1382		2270	[illegible]	210	1393	
	10257		209			2060		209		
	10048		420			1851		219		
5	30773	10.258		1802		6131	[illegible]		1812	
	8798		212			7232		209		
	8586		213			7075		210		
	8373		425			6865		419		
6	25757	8.580		2227		21224	1.075		2231	
	7206		211			6990		213		
	6995		210			6777		212		
	6795		421			6565		425		
7	20986	6.995		2648		20532	6.777		2656	
	7222		211			7479		211		
	7011		210			7268		210		1 Hr for lunch
	6801		421			7058		421		
8	21034	7.011		3069		21805	7.268		3077	
	7709		210			7260		212		
	7539		210			7048		212		
	7329		420			6836		424		
9	22617	7.539		3489		21144	7.048		3501	
		63.842					60.629			

F.B. 1393 PG. 212

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: G. E. Dorion Weather: Windy Inst. No.: 50010
Notes by: E. Landa Time: 11:25 to 3:30 Rod No.: 284

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 6923
From: B.M. 27-33 To: B.M. 27-34
Date: 3-12-53
Indexed: [illegible]

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7480	63.842	210	3280		8056	61.629	214	3501	
	7270		211			7842		211		
	7059		221			7631		225		
10	21809	7.270		3910		23579	7.863		3926	
	8768		211			7926		215		
	8557		212			7691		212		Summation of Run
	8345		223			7478		228		B.M. 27-33 to B.M. 27-34
11	25670	8.557		4333		23075	7.692		4354	
	9236		214			4459		207		Total Backsights = + 101.501
	9022		213			4252		205		Total Foresights = − 89.150
	8809		227			4047		212		Diff in Elevation + 12.351
12	27067	9.022		4760		12758	4.253		4766	
	5552		159			4563		158		
	5393		157			4405		156		
	5236		316			4249		314		
13	16181	5.393		5076		13217	4.406		5080	
	7592		176			3500		173		B.M. 27-34 (El. 115-230)
	7416		177			3327		173		Fallona Cr. & Centinela Ave
	7239		353			3154		346		See F.B. 1393-28
14	22247	7.416		5429		9981	3.327		5426	-for description
		101.501					89.150			

F.B. 1393 PG. 27

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 139 PG. 214										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:25 to 1:45 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-34 To B.M. 27-33
Date 3-13-55
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
	3560		173		#2	7657		178		B.M. 27-34 (F.B. 1315-230)
	3387		172			7479		177		Ballona Ck. & Centinela Ave
	3215		345			7302		355		See F.B. 1393-28
1	10162	3.387		345	69°	22438	7.479		355	for description
	4520		157			5514		161		
	4363		156			5353		160		⊼ G. E. Dreier
	4201		313			5193		321		
2	13090	4.363		658		16060	5.353		676	
	4331		210			9104		212		
	4121		209			8892		212		
	3912		419			8680		424		
3	12364	4.121		1077		26676	8.892		1100	
	7938		218			8791		205		
	7720		218			8586		207		
	7502		436			8379		412		
4	23160	7.720		1513		25756	8.585		1512	
	8048		214			7492		210		
	7854		214			7282		211		
	7640		428			7071		421		
5	23562	7.854		1941		21845	7.282		1933	
		27.445					37.591			

F.B. 1393 PG. 215

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:25 to 1:45 Rod No. 2E4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-34 To B.M. 27-33
Date 3-13-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7583	27.445	214	1921		8069	27.591	209	1933	
	7369		214			7860		208		
	7155		228			7652		217		
6	22107	7.369		2369		23581	7.860		2350	
	7450		212			7193		209		
	7238		210			6984		209		
	7028		222			6775		218		
7	21716	7.239		2791		20954	6.984		2768	
	6966		211			7189		214		
	6755		212			6975		212		1 Hundredth inch
	6543		223			6763		226		
8	20264	6.755		3214		20927	6.976		3194	
	7061		211			8568		213		
	6850		209			8355		211		
	6641		220			8143		224		
9	20552	6.851		3634		25066	8.355		3413	
	2390		210			10590		209		
	2180		207			10381		209		
	1973		217			10172		218		
10	6543	2.181		4051		31143	10.381		4036	
		57.840					78.127			

F.B. 1573 PG. 216

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:25-10 1:45 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 6923
From B.M. 27-34 To B.M. 27-33
Date 3-13-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		57.840		4051			78.141		4036 7	B.M. 27-33A (F.C. 115-229A) Ballona Crk. & McConnell Ave See F.B. 1393-27 for description
	10991		142			2859		146		
	10849		143			2713		143		Summation of Run
	10706		285			2570		289		B.M. 27-34 to B.M. 27-33
11	32546	10.849		4536		8142	2.714		4326	
	7883		125			7337		20		Total Backsights = + 89.643
	7758		126			7317		119		Total Foresights = - 102.007
	7632		251			7198		231		Diff. in Elev. = - 12.364
12	23273	7.758		4587		21952	7.317		4564 5	
	6482		209			7410		218		
	6273		206			7192		215		
	6067		415			6977		433		
13	18822	6.274		5002		21579	7.193		4997 8	
	7137		216			6850		214		B.M. 27-33 (F.C. 115-229) Ballona Crk. & P.E.R.R. See F.B. 1393-26 for description
	6921		213			6636		214		
	6708		429			6422		428		
14	20766	6.922		5431		19908	6.636		5425 6	
		89.643					102.007			

F.B. 1393 PG. 217

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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. 1393 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 G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 8:30 TO Rod No. 2 #4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-34 To B.M. 27-37
Date 3-12-53 L. O. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.694 6.486 6.278		208 208 416		#2	9.402 9.190 8.979		212 211 423		B.M. 27-34 (F.C.B.M. 115-230) BALLONA CO & CENTINELA AVE. SEE F.B. 1933-28 FOR DESCRIPTION
1	6.458	6.486		416	61°	27.571	9.190		423	
	8.179 7.968 7.757		211 211 422			6.782 6.759 6.539		223 220 443		AT E. LANDO
2	23.904	7.968		844		20.280	6.760		846	
	7.173 6.959 6.744		214 215 429			7.247 7.032 6.818		213 214 427		
3	20.876	6.959		1.267		21.097	7.032		1.295	
	7.773 7.558 7.343		215 215 430			6.217 6.001 5.789		216 212 428		
4	22.674	7.558		1.697		18.007	6.002		1.723	
	6.884 6.721 6.560		163 161 324			4.632 4.458 4.287		174 171 345		
5	20.165	6.722		2.024		13.377	4.459		2.076	
		29.693					33.443			

F.B. 3225 PG. 21

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 8:20 TO 10:15 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-34 To B.M. 27-37
Date 8-13-53
Indexed B. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.872	29.693	176	2.021		0.873	[illegible]	153	2.076	
	8.696		176			0.720		150		
	8.520		352			0.570		303		
6	26.088	8.696		2.373		2.163	0.721		2.379	
		38.389					34.164			B.M. 27-35 (F.C. B.M. 115-231) BALLONA CR. & INGLEWOOD BLVD SEE F.B. 1393-29 FOR DESCRIPTION
	1.579		224			7.758		221		
	1.355		225			7.537		219		
	1.130		449			7.318		440		
7	4.064	1.355		2.822		22.613	[illegible]		3.819	
F.B. 393 PG. 220	3.169		209			4.418		212		
	2.960		210			4.206		214		
	2.750		419			3.992		426		
8	8.879	2.960		3.241		12.616	[illegible]		3.245	
	5.153		213			4.615		209		
	4.940		210			4.406		208		
	4.730		423			4.198		[illegible]		
9	14.823	4.941		3.664		13.309	[illegible]		3.665	
		47.645					50.143			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 8:20 TO 10:05 Rod No. 2 & 4

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-34 To B.M. 27-37
Date 3-13-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.237	47.645	092	3664		9.938	50.343	095	3.6~~62~~ 54	
	5.145		092			9.843		094		
	5.053		184			9.749		189		
10	15.435	5.145		3848		29.530	9.843		3.8~~51~~ 43	
		52.790					60.186			B.M. 27-36 (F.C. BM 116-42) BALLONA CR. & MESMER AVE SEE F.B. 1393-30 FOR DESCRIPTION
	[illegible]		211			4.338		210		
	9.426		208			4.128		207		
	9.218		419			3.921		417		
11	28.281	9.427		4.267		12.387	4.129		4.2~~68~~ 54	
	3.866		218			7.290		208		
	3.648		217			7.082		204		
	3.4[illegible]		435			6.878		412		
12	10.945	3.648		4.702		21.250	7.083		4.6~~80~~ 66	
	9.[illegible]82		213			4.245		211		
	8.969		212			4.037		209		
	8.757		425			3.828		420		
13	26.908	8.969		5.127		12.115	4.038		5.~~100~~ 086	
		74.834					75.436			

F.B. 1393 PG. 221

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 8:20 TO 10:[illegible] Rod No. 2 & 4

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-34 To B.M. 27-37
Date 3-13-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.411	74.834	218	5.127		3734	75.4~~2~~3	215	5.~~100~~ 086	
	4193		215			3519		216		
	3.978		433			3303		431		
14	12.582	4.194		5.560		10.556	3.519		5.5~~31~~ 17	SUMMATION OF RUN
	5.455		126			4[illegible]		130		B.M. 27-34 TO B.M. 27-37
	5.329		127			4211		[illegible]		TOTAL BACKSIGHTS +86.642
	5202		253			4083		258		TOTAL FORESIGHTS -91.5~~4~~5 6
15	15.986	5.329		5.813		12.635	4.212		5.7~~5~~ 75	DIFF IN ELEV. -4.9~~0~~4
	2.409		124			8522		133		
	2.285		125			8.389		133		
	2160		249			8256		266		
16	6.854	2.285		6.062	70°	25.167	8.389		60.~~55~~ 41	
										B.M. 27-37 (F.C. B.M. 116-43) BALLONA CR. & COOLIDGE AVE SEE. F.B. 1393-31 FOR DESCRIPTION
		86.642					91.5~~3~~5 6			

F.B. 1393 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 C. E. DREIER Weather CLEAR-BREEZE Inst. No. 50010
Notes by C. E. DREIER Time 10:05 TO 1:10 Rod No. 2 #4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-37 To B.M. 27-34
Date 3-13-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.642		130		#2	2.536		128		B.M. 27-37 F.C.BM. 16-43
	8.512		130			2.408		129		BALLONA CR. & COOLIDGE AVE
	8.382		262			2.279		257		SEE F.B. 1393-31
1	25.536	8.512		260	70°	7.223	2.408		257	FOR DESCRIPTION
	4.460		129			5.580		127		
	4.331		128			5.453		124		T. E. LANDA
	4.203		257			5.329		251		
2	12.994	4.331		517		11.362	5.254		508	
	3.652		217			4.336		219		
	3.435		215			4.107		217		
	3.218		432			3.890		436		
3	10.301	3.434		949		12.323	4.108		944	
	4.307		210			9.242		212		
	4.097		210			9.030		211		
	3.887		420			8.819		423		
4	12.291	4.097		1369		27.091	9.030		1367	
	6.595		205			3.174		218		
	6.390		209			2.956		217		
	6.181		414			2.739		435		
5	19.166	6.389		1783/4		8.869	2.956		1802	
		26.763					23.956			

F.B. 1393 PG. 223

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 10:05 - 10:40 Rod No. 2 & 4

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-32 To B.M. 27-34
Date 3-13-53
Indexed L. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4340	26.763	209	1.785 3		5632	9.756	1.6	1.802	
	4131		210			9423		208		
	3921		419	2		9215		414		
6	12.392	4.131		2.204		28.288	9.429		2.216	
		30.894					33.385			BM. 27-36 (FC BM. 116-42) BALLONA CR & MESMER AVE SEE FD. 1343-30 FOR DESCRIPTION
	9.810		095			5.108		092		
	9.715		094			5.016		092		
	9.621		189	1		4.924		184		
7	29.146	9.715		2.392		15.048	5.016		2.400	
	4.559		209			5.070		214		
	4.350		210			4.856		211		
	4.140		419	0		4.645		425		
8	13.049	4.350		2.812		14.571	4.857		2.825	
	3.743		211			2.495		209		
	3.532		211			2.286		206		
	3.321		422	2		2.080		415		
9	10.596	3.532		2.234		6.861	2.287		2.240	
		48.491					45.545			

F.B. 1393 PG. 224

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:05 TO 11:10 Rod No. 2 & 4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-37 To B.M. 27-34
Date 3-13-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.813	48.49	221	3.234	2	1.632	45.545	225	3.240	
	7.592		220			1.407		222		
	7.372		441			1.185		447		
10	22.777	7.592		3.675	3	4.224	1.408		3.687	
		56.085					46.953			B.M. 27-35 (F.C.B.M 115-231) BALLONA CR. & INGLEWOOD BLVD. SEE F.B. 1393-29 FOR DESCRIPTION
	0.685		155			8.670		171		
	0.525		156			8.499		169		
	0.369		311			8.330		340		
11	1.575	0.525		5.986	5	25.499	8.500		4.027	
	5.007		176			7.364		168		
	4.831		176			7.196		169		
	4.655		353			7.027		337		
12	14.493	4.831		4.334	2	21.587	7.196		4.364	
	6.370		220			7.918		210		
	6.150		216			7.708		211		
	5.934		436			7.497		421		
13	18.454	6.151		4.772	3	23.123	7.708		4.785	
		67.590					70.257			

F.B. PG. 225

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:05 70 11:10 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-37 To B.M. 27-34
Date 3-13-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.470	67.590	217	4774 3		7397	70.757	218	4785	
	7.253		215			7.179		216		
	7.038		432	5		6.963		434		
14	21.761	7.254		5206		21.539	7.180		5219	SUMMATION OF RUN
	7.043		221			8.242		213		B.M. 27-37 TO B.M. 37-34
	6.822		219			8.029		210		TOTAL BACKSIGHTS + 90.912
	6.603		440	5		7.819		423		TOTAL FORESIGHTS - 86.011
15	20.468	6.823		5646		24.090	8.030		5642	DIFF IN ELEVATION + 4.901
	9.461		217			0.749		106		
	9.244		214			0.543		103		
	9.030		431	6		0.340		409		
16	27.735	9.245		6.077	70°	1.632	0.544		6051	
										BM 27-34 (F.C. B.M. 115-230 BALLONA CR & CENTINELA AVE SEE F.B. 1393 - 28 FOR DESCRIPTION
		90.912					86.011			

F.B. 1393 PG. 226

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 9:30 to 10:15 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-35 To B.M. 27-37
Date 3-17-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1731		218		#2	7929		231		B.M. 27-35 (F.B. 115-231)
	1513		215			7698		229		Ballona Lnk. & Inglewood Blvd.
	1298		433			7469		460		See F.B. 1393-29
1	4542	1.514		433	61°	23096	7.699		460	for description
	2701		209			3952		211		
	2492		205			3741		210		⊼ G.E. Dreier
	2287		414			3531		421		
2	7480	2.493		847		11224	3.741		881	
	5229		217			4712		203		
	5012		214			4509		202		
	4798		431			4307		205		
3	15039	5.013		1278		13528	4.509		1286	
	4423		90			9126		95		
	4333		90			9031		93		
	4243		180			8938		188		
4	12999	4.333		1458		27095	9.032		1474	
										B.M. 27-36 (F.B. [illegible]-42)
										Ballona Lnk. & [illegible]
										See F.B. 1393-30
										for description
		13.353					24.981			

F.B. 1393 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 E. E. Dreier Weather Clear Inst. No. 5001.0
Notes by E. Landa Time 9:30 to 6:00 Rod No. 254

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4223
From B.M. 2735 To B.M. 2737
Date 3-17-[illegible]
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
	9868	13.353	213	1458		4561	20.381	203	1272	
	9655		213			4358		203		
	9442		426			4155		406		
5	28965	9.655		1884		13074	4.358		1880	
	8109		219			7683		206		
	5890		211			7327		206		
	2672		436			7125		410		
6	11672	5.891		2320		21983	7.328		2320	
	9615		213			4680		210		
	9402		211			4470		210		
	9191		424			4260		420		
7	28208	9.403		2764		15410	4.[illegible]		2710	
	8707		216			4222		217		
	8491		218			4012		214		
	8273		434			3798		431		
8	14071	4.690		3173		12032	[illegible]		3141	
	4625		120			3516		135		
	4505		120			3381		134		
	4385		240			3247		269		
9	13515	4.505		3018		10144	3.381		3410	
		45.297					48.531			

F.B. 1393 PG. 228

FORM 379 5M 7-4C

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 9:30 to 10:15 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-35 To B.M. 27-37
Date 3-17-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1970	45.497 ✓	130	3418 ✓		8060	48.53 ✓	128	3410 ✓	B.M. 27-37 (F.C. 116-03)
	1840		129			7938		127		Ballona Crk. & Coolidge Ave
	1711		259 ✓			7811		245		See F.B. 1393-71
10	5521 ✓	1.840 ✓		3677 ✓		23315 ✓	7.938 ✓	5	3655 ✓	for description
										Summation of Run
										B.M. 27-35 to B.M. 27-37
										Total Backsights = 47.337 ✓
										Total Foresights = 56.469 ✓
										Diff. in Elev. = -9.132 ✓
		47.337 ✓					56.469 ✓			

F.B. 379 PG. 229

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

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

F.B. 1393 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 G.E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G.E. DREIER Time 2:10 TO 3:15 Rod No. 284

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-37 To B.M. 27-44
Date 3-13-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.228		211		#2	1.378		213		B.M. 27-37 (F.C. B.M. 116-43)
	8.017		207			1.165		209		BALLONA CR & COLLIDGE AVE.
	7.808		420			0.956		422		SEE F.B. 1393-31
1	24.053	8.018		420	67°	3.499	1.166		422	FOR DESCRIPTION
	5.685		211			5.634		213		
	5.474		207			5.421		212		
	5.267		418			5.209		425		
2	16.426	5.475		838		16.264	5.421		847	
	8.559		213			5.245		214		
	8.346		213			4.831		212		
	8.133		426			4.619		426		
3	25.038	8.346		1.264		14.495	4.832		1.273	
	5.503		157			4.926		158		
	5.346		158			4.768		157		
	5.188		315			4.611		315		
4	16.037	5.346		1.579		14.305	4.768		1.588	
	5.567		155			4.185		152		
	5.412		152			4.033		150		
	5.260		307			3.883		302		
5	16.239	5.413		1.886		12.101	4.034		1.890	
		32.598					20.221			

F.B. 1393 PG. 32

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 60010
Notes by G. E. DREIER Time 2:10 TO 3:[illegible] Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-37 To B.M. 27-44
Date 3-13-53
Indexed [redacted]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		32.598		1.886			20.221		1.890	B.M. 27-38 (CITY OF L.A. VENICE L-1A) BALLONA CR. & SAWTELLE BLVD. SEE F.B. 1353-32 FOR DESCRIPTION
6	5.699 5.655 5.611 16.965	5.655	44 44 88	1.974		5.019 4.979 4.939 14.937	4.979	040 040 080	1.970	
		38.253					25.200			B.M. 27-39 (F.C.B.M. 116-44) BALLONA CR. & SAWTELLE BLVD SEE F.B. 393-32 FOR DESCRIPTION
F.B. 1393 PG. 232 7	3.497 3.350 3.205 10.052	3.351	147 145 292	2.266		4.619 4.474 4.330 13.423	4.474	145 144 289	2.259	
8	5.120 4.909 4.699 14.728	4.909	211 210 421	2.687		4.307 4.092 3.881 12.280	4.093	215 211 426	2.685	
		46.513					33.767			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR - WINDY Inst. No. 50010
Notes by G. E. DREIER Time 2:10 TO 3:15 Rod No. 2 & 4

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-37 To B.M. 27-44
Date 3-13-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.675	46.513	217	2.687		8.967	33.767	213	2.685	
	5.457		219			8.754		209		
	5.238		436			8.845		422		
9	16.369	5.456		3.123		26.266	8.755		3.107	
	5.614		214			7.993		217		
	5.400		212			7.776		[illegible]		
	5.188		426			7.560		433		
10	16.202	5.401		3.549	67°	23.329	7.776		3.540	END 3-13-53
		57.370					50.298			B.M. 27-40 (F.S. B.M. 116-45) BALLONA CR. & SEPULVEDA BLVD SEE F.B. 1393-33 FOR DESCRIPTION
	4.921		209			1.336		208		
	4.712		207			1.128		208		
	4.505		416			0.920		416		
11	14.138	4.713		3.965	59°	3.384	1.128		3.956	STARTED 3-16-53
	5.389		212			3.767		210		
	5.177		209			3.557		208		
	4.965		421			3.349		418		
12	15.534	5.178		4.386		10.673	3.558		4.374	
		67.261					54.984			

F.B. 1393 PG. 233

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 G.E. DREIER Weather HAZY Inst. No. 50010
Notes by G.E. DREIER Time 8:20 TO 10:00 Rod No. 2 & 4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-37 To B.M. 27-44
Date 3-16-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.632	67.261	240	4.386		7.263	54.984	275	4.374	
	3.392		237			6.988		278		
	3.155		477			6.710		553		
13	10.179	3.393		4.863		20.961	6.[illegible]87		4.927	
		70.654					61.971			B.M. 27-41 (F.C. B.M. 116-46) BALLONA CR(S SIDE) E. OF SEPULVEDA BLVD. SEE F.B. 1393-34 FOR DESCRIPTION
	7.157		265			3.139		230		
	6.892		262			2.909		229		
	6.630		527			2.680		459		
14	20.679	6.893		5.390		8.728	2.[illegible]09		5.386	
	11.140		210			9.018		218		
	11.230		210			8.800		215		
	11.020		420			8.585		433		
15	33.690	11.230		5.810		26.403	8.[illegible]01		5.819	
	9.556		216			7.145		215		
	9.340		212			6.930		212		
	9.128		428			6.718		427		
16	28.024	9.341		6.238		20.793	6.[illegible]71		6.246	
		98.118					82.612			

F.B. 1393 PG. 234

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 53010
Notes by G.E. DREIER Time 8:20 TO 10:00 Rod No. 2 & 4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-37 To B.M. 27-44
Date 3-16-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.386	98.118	216	6.238		6.838	80.612	215	6.246	
	8.164		212			6.643		211		
	7.952		428			6.432		426		
17	24.496	8.165		6.666		19.933	6.644		6.672	
	7.053		153			11.828		158		
	6.900		150			11.670		157		
	6.750		303			11.513		315		
18	20.703	6.901		6.969		35.011	11.670		6.987	
		113.184					98.926			B.M. 27-42 (F.C. B.M. 116-47) BALLONA CR. W. OF FOOT BRIDGE SEE F.B. 1393-35 FOR DESCRIPTION
	11.860		215			3.143		220		
	11.645		213			2.923		218		
	11.432		428			2.705		433		
19	34.937	11.646		7.397		8.771	2.924		7.425	
	3.022		220			7.509		217		
	2.802		222			7.392		216		
	2.580		442			7.176		433		
20	8.404	2.801		7.839		22.177	7.392		7.858	
		127.631					109.242			

F.B. 1393 PG. 235

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 G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 8:20 TO 10:00 Rod No. 2&4

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-37 To B.M. 27-44
Date 3-16-53 [redacted]
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
	10.509	127.631	233	7.839		7.397	10[illegible]242	222	7858	
	10.276		229			7.175		220		SUMMATION OF RUN
	10.047		462			6.955		442		B.M. 27-37 TO B.M. 27-44
21	30832	10.277		8301		21.527	[illegible]176		8300	TOTAL BACKSIGHTS + 152.627
	7.622		211			1.8[illegible]		211		TOTAL FORESIGHTS - 122.881
	7.411		210			1.630		214		DIFF IN ELEVATION + 29.746
	7.201		421			1.416		425		
22	22.234	7.411		8722		4.887	[illegible]29		8725	
		145.319					118.047			B.M. 27-43 (F.C. B.M. 116-48)
										SEE F.B. 1393-36 FOR DESCRIP
										BALLONA CR. & OVERLAND
	7.339		03[illegible]			4.873		039		B.M. 27-44 (F.C. B.M. 116-49)
	7.308		03[illegible]			4.834		038		BALLONA CR. & OVERLAND
	7.276		06[illegible]			4.796		077		SEE F.B. 1393-36
23	21.923	7.308		8785	62°	14.503	4.834		8802	FOR DESCRIPTION
		152.627					122.881			

F.B. 1393 PG. 236

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Hazy Inst. No. 50010
Notes by G.E. Dreier Time 10:00 to 11:45 Rod No. 280

Name L.A. CO. PRECISE LEVEL NET
Job No. 4223
From B.M. 27-44 To B.M. 27-37
Date 3-16-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.954		034		#2	7.424		022		B.M. 27-44 (F.C.E.M. 116-49)
	4.920		034			7.392		031		BALLONA CR. & OVERLAND BLVD
	4.886		068✓			7.361		063✓		SEE F.B. 1393-36
1	14.760	4.920✓		068✓	63°	22.177	7.392✓		063✓	FOR DESCRIPTION
										B.M. 27-43 F.C.E.M. 116-48
										BALLONA CR. & OVERLAND
										SEE F.B. 1393-36
										FOR DESCRIPTION
	2.017		215			7.800		211		
	1.802		212			7.589		211		TO E. LONDA
	1.590		427✓			7.375		422✓		
2	5.409	1.803✓		405✓		22.767	7.589✓		485✓	
	7.420		227			10.521		226		
	7.193		224			10.295		227		
	6.969		451✓			10.068		453✓		
3	21.582	7.194✓		946✓		30.884	10.295✓		438✓	
	7.767		222			3.173		216		
	7.545		223			2.957		218		
	7.322		445✓			2.739		434✓		
4	22.634	7.545✓		1391✓		8.869	2.956✓		1372✓	
		21.462✓					28.232✓			

F.B. 1393 PG. 23

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather HAZY Inst. No. 50310
Notes by G.E. DREIER Time 10:00 TO 11:45 Rod No. 2 & 4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 41423
From B.M. 27-44 To B.M. 27-37
Date 3-16-55
Indexed [redacted]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.131	21.462	218	1.371		11.849	21.322	216	1.372	
	2.913		216			11.633		213		
	2.697		434			11.420		429		
5	8.741	2.914		1.805		34.902	11.634		1.801	
		24.376					32.956			B.M. 27-42 (F.C.S.M. 116-47) BALLONA CR. W OF FOOT BRIDGE SEE F.B. 1393-35 FOR DESCRIPTION
	11.921		161			7.143		153		
	11.760		160			6.990		152		
	11.600		321			6.838		305		
6	35.281	11.760		2.126		20.971	6.990		2.126	
	6.832		214			8.356		215		
	6.618		210			8.141		214		
	6.408		424			7.927		429		
7	19.858	6.619		2.550		24.424	8.141		2.575	
	7.290		212			9.701		212		
	7.078		213			9.489		216		
	6.865		425			9.273		428		
8	21.233	7.078		2.975		28.463	9.488		2.973	
		49.833					64.485			

F.B. 1393 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 G. E. DREIER Weather HAZY Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:45 Rod No. 234

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-44 To B.M. 27-37
Date 3-16-55
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
	9.061	49.833	212	2.975 9		11.492	64.485	215	2.973 6	
	8.849		216			11.277		214		
	8.633		428			11.063		429		
9	26.543	8.848		3.483		33.832	11.277		3.402 39	
	2.662		229			6.678		262		
	2.433		230			6.416		263		
	2.203		459			6.153		525		
10	7.298	2.433		3.862 8		19.247	6.416		3.927 1	
		61.114					82.178			B.M. 27-41 (F.C.B.M. 116-46) BALLONA CR (S.SIDE) E. OF SEPULVEDA BLVD SEE F.B. 1343-34 FOR DESCRIPTION
	7.259		276			3.628		237		
	6.983		276			3.389		239		
	6.707		552			3.150		476		
11	20.949	6.983		4.414 3		10.167	3.389		4.403 39	
	4.975		207			6.598		211		
	4.768		209			6.387		211		
	4.559		416			6.176		422		
12	14.302	4.767		4.830 5		19.161	6.387		4.825 17	
		72.864					91.954			

F.B. 1373 PG. 23

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather HAZY Inst. No. 50010
Notes by G. E. Dreier Time 10:00 TO 11:45 Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 4928
From B.M. 27-44 To B.M. 27-37
Date 3-16-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.659	12.864	208	4.830 5		5.239	[illegible]	209	4.824 17	
	1.449		209			5.030		209		
	1.240		41 N	6		4.821		218	35	
13	4.346	1.449		5.247		15.090	5.030		5.243	
		14.313					9.684			B.M. 27-40 (F.C.B.M. 116-45) BALLONA CR & SEPULVEDA BLVD SEE F.B. 1393-33 FOR DESCRIPTION
	9.010		217			6.634		214		
	8.793		215			6.420		218		
	8.578		432	9		6.202		432	67	
14	26.381	8.794		56.79		19.256	6.419		56.75	
	7.802		204			4.520		222		
	7.598		208			4.298		222		
	7.390		412	11		4.076		444		
15	22.790	7.597		6.091		12.894	4.298		6.119	
	4.749		216			5.561		213		
	4.533		212			5.348		215		
	4.321		428	3		5.133		428	39	
16	13.603	4.534		6.579		16.042	5.347		6.558	
		95.238					112.048			

F.B. 1393 PG. 240

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No. 50010
Notes by G. E. DREIER Time 10:00 to 11:45 Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-44 To B.M. 27-37
Date 3-16-53
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4627	95.238	147	6.5~~49~~ 3		3,500	113.04	146	6.5~~47~~ 39	
	4480		143			3,354		143		
	4337		290			3,211		289		
17	13,444	4,481		6.809		10,065	3,355		6.8~~36~~ 28	
		99.719					116.403			B.M. 27-39 (F.C. B.M. 116-44) BALLONA CR & SAWTELLE BLVD SEE F.B. 1393-32 FOR DESCRIPTION
	5,091		046			5,769		047		
	5045		046			5,722		045		
	4999		092			5,677		092		
18	15,135	5,045		6.901		17,168	5,723		6.92~~8~~ 0	
		104.764					122.126			B.M. 27-38 (CITY OF L.A. VENICE L-1A) BALLONA CR & SAWTELLE BLVD SEE F.B. 1393-32 FOR DESCRIPTION
	4118		153			5,495		153		
	3,965		151			5342		151		
	3,814		304			5,191		304		
19	11,897	3,966		7.205		16,025	5,343		7.2~~32~~ 24	
		108.730					127.469			

F.B. 1393 PG. 241

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:[illegible] Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4928
From B.M. 27-44 To B.M. 27-37
Date 3-16-5[illegible]
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.885	108.730	164	7.205		5453	12[illegible]469	153	72~~32~~ 24	
	4.721		162			5300		151		
	4.559		326			5149		304		SUMMATION OF RUN
20	14.165	4.722		7.531		15.902	5.[illegible]01		7.5~~36~~ 28	B.M. 27-44 TO B.M. 27-37
	4670		212			8.189		211		TOTAL BACKSIGHTS + 124.337
	4458		211			7.978		210		TOTAL FORESIGHTS - 154.087
	4247		423			7.768		421		DIFF IN ELEVATION - 29.750
21	13.375	4.458		7.954		23.935	7.978		7.9~~54~~ 49	
	5222		211			5.281		211		
	5011		211			5.070		210		
	4800		422			4.860		421		
22	15.033	5.011		8.376		15.211	5.070		8.37~~8~~ 0	
	1629		212			8.478		210		B.M. 27-37 (F.C.B.M. 116-43)
	1.417		215			8.268		207		BALLONA CR & COOLIDGE AVE
	1.202		427			8.061		417		SEE F.B. 1393-31
23	4.248	1.416		8.803	640	24.807	8.[illegible]69		8.7~~93~~ 57	FOR DESCRIPTION
		124.337					154.087			

F.B. 1393 PG. 242

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No. 50010
Notes by R. J. HEMBELING Time 1:25 to 1:40 Rod No. 2 & 4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-37 To B.M. 27-38
Date 12-24-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.157		209		#2	1.304		211		B.M. 27-37 (F.C.B.A. 116-43)
	7.948		211			1.093		211		BALLONA CR. + COOLIDGE AVE.
	7.732		420			0.882		422		SEE F.B. 1393-31
1.	23.842	7.947		420	72°	3.279	1.093		422	FOR DESCRIPTION
	5.429		213			5.266		214		T. E. LANDA
	5.214		211			5.152		211		
	5.003		424			4.941		425		SUMMATION OF R.O.
2.	15.644	5.215		844		15.459	5.153		847	B.M. 27-37 TO B.M. 27-38
	8.043		214			4.519		211		TOTAL BACKSIGHTS = + 31.923
	7.829		214			4.308		210		TOTAL FORESIGHTS = − 19.331
	7.615		428			4.098		421		DIFF. IN ELEVATION = + 12.392
3.	23.487	7.829		1.272		12.925	4.308		1.268	
	5.458	20.991	160			4.899	10.554	157		
	5.298		158			4.722		155		
	5.140		318			4.567		312		
4.	15.896	5.299		1.590		14.168	4.723		1.580	
	5.586		154			4.205		152		B.M. 27-38 (CITY OF L.A. VENICE L-1A)
	5.432		152			4.053		149		BALLONA CR. & SANTA MONICA BLVD.
	5.280		306			3.904		301		SEE F.B. 1393-32
5.	16.298	5.433		1.896	78°	12.162	4.054		1.881	FOR DESCRIPTION
		31.923					19.331			

F.B. 1398 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 ..... Weather ..... Inst. No. .....
Notes by ..... Time ..... Rod No. .....

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1523 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 G. E. Dreier Weather Clear-Windy Inst. No. 50010
Notes by G. E. Dreier Time 1:45 to 2:50 Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-44 To B.M. 27-46
Date 3-16-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6530		286		#2	7.233		281		B.M. 27-44 (F.C. B.M. 1-6-49
	6.242		284			6.952		282		Ballona Crk. & Overland Ave
	5.958		572			6670		563		See F.B. 1393-36
1	18.730	6.243		572	66°	20.855	6.952		563	for description
	[illegible]		[illegible]			5.802		213		
	5.009		[illegible]			5.589		212		T. E. LANDA
	[illegible]		[illegible]			5.377		425		
2	15.028	5.009		.994		16.768	5.589		.988	
	5.131		213			[illegible]		215		
	4.918		211			[illegible]		212		
	4.707		424			[illegible]		427		
3	14.756	4.919		1.415		17.709	5.903		1.415	
	4.954		180			5.678		182		
	4.774		179			5.495		182		
	4.595		359			5.313		365		
4	14.323	4.774		1.774		16.486	5.495		1.780	
	4.858		178			7.145		174		
	4.680		175			6.971		171		
	4.505		353			6.800		345		
5	14.043	4.681		2.127		20.916	6.972		2.125	
		25.626					30.911			

F.B. 1393 PG. 245

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR - W[illegible] Inst. No. 5[illegible]010
Notes by G. E. DREIER Time 1:45 TO 2:[illegible] Rod No. 2 & 4

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4[illegible]
From B.M. 27-44 To B.M. 27-46
Date 3-16-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		25.626		2127 9			[illegible]		2125	B.M. 27-45 (CITY OF L.A. HOLLYWOOD A-12A) OVERLAND AVE & JEFFERSON BLVD. SEE F.B. 1393-37 FOR DESCRIPTION
	7.760		215			4.440		211		
	7.545		213			4.229		209		
	7.332		428	7		4.020		420		
6	22.637	7.546		2555		12.689	4.[illegible]30		2545	
	6.250		213			[illegible]		21[illegible]		
	6.037		215			4.39[illegible]		21[illegible]		
	5.822		425	6		4.1[illegible]		4[illegible]		
7	18.109	6.036		2.98[illegible]		13.173	4.391		2.[illegible]68	
	6.390		214			[illegible]		213		
	6.176		212			3.987		21[illegible]		
	5.964		426	11		3.[illegible]76		424		
8	18.530	6.177		3.409		11.96[illegible]	3.[illegible]8		3.392	
	6.439		216			4.444		215		
	6.223		212			4.229		21[illegible]		
	6.011		428	9		4.018		426		
9	18.673	6.224		3.83[illegible]		12.691	4.[illegible]30		3.818	
		51.609					4[illegible]50			

F.B. 1393 PG. 246

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:45 TO 2:50 Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4922
From B.M. 27-44 To B.M. 27-46
Date 3-16-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.112	5.892	220	3.822		4.581	4.368	213	3.518	
	5.892		219			4.368		215		
	5.673		439			4.153		428		
10	17.677	5.592		4.276		13.102	4.367		4.246	
	6.239		212			4.670		211		
	6.027		213			4.459		214		
	5.814		425			4.245		425		
11	18.080	6.027		4.704		13.374	4.458		4.671	
	6.067		168			5.558		170		B.M. 27-46 (CITY OF L.A.
	5.899		168			5.388		170		JEFFERSON BLVD, E. OF OVERLAND AVE.
	5.731		336			5.218		340		SEE F.B. 1393-38
12	17.697	5.899		5.037	67°	16.164	5.388		5.011	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 27-44 TO B.M. 27-46
										TOTAL BACKSIGHTS + 69.427
										TOTAL FORESIGHTS - 61.963
										DIFF IN ELEVATION = 7.464
		69.427					61.963			

F.B. 1393 PG. 247

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather Inst. No. 50010
Notes by Time Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27 To B.M. 27
Date
Indexed A. C. Johnson

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1393 PG. 245										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:50 TO 3:45 Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-46 To B.M. 27-44
Date 3-16-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.533		171		#2	6.039		168		B.M. 27-46 (CITY OF L.A. HOLLY B-11)
	5.362		171			5.871		166		JEFFERSON BLVD, E. OF OVERLAND AVE
	5.191		342			5.705		334		SEE F.B. 1393-38
1	16.086	5.362		.342	67°	17.615	5.872		.334	FOR DESCRIPTION
	4.695		214			6.261		212		
	4.481		211			6.049		214		TO E. LANDA
	4.270		425			5.835		426		
3	13.446	4.482		.767		18.145	6.048		.760	
	4.599		214			6.130		220		
	4.385		215			5.910		215		
	4.170		429			5.692		438		
5	13.154	4.385		1.196		17.732	5.911		1.198	
	4.414		214			6.411		215		
	4.200		211			6.196		214		
	3.989		425			5.982		429		
4	12.603	4.201		1.621		18.589	6.196		1.627	
	4.229		213			6.420		214		
	4.016		212			6.206		214		
	3.804		425			5.992		428		
5	12.049	4.016		2.046		18.618	6.206		2.055	
		22.446					30.233			

F.B. 372 PG. 249

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 5.0010
Notes by G. E. DREIER Time 2:50 to [illegible] Rod No. 284

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 27-46 To B.M. 27-44
Date 3-16-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.566	22.446	216	2.046		6.209	31.255	211	2.055	
	4.350		212			5.998		214		
	4.138		428			5.784		425		
6	13.054	4.351		2.474		17.991	5.997		2.480	
	4.560		212			7.881		213		
	4.348		212			7.665		214		
	4.136		424			7.454		427		
7	13.044	4.348		2.898		23.003	7.668		2.907	
		31.145					49.898			B.M. 27-45 (CITY OF L.A. HOLLYWOOD) A-12A OVERLAND AVE & JEFFERSON BLVD. SEE F.B. 1393-37 FOR DESCRIPTION
	7.228		176			4.939		178		
	7.052		172			4.761		174		
	6.879		349			4.587		352		
8	21.159	7.053		3.247		14.287	4.762		3.259	
	5.689		182			4.968		181		
	5.507		179			4.787		180		
	5.328		361			4.607		361		
9	16.524	5.508		3.608		14.362	4.787		3.620	
		43.706					58.147			

F.B. 1293 PG. 250

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 2:30 TO 3:40 Rod No. 284

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 27-46 To B.M. 27-44
Date 3-16-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6161	43,706	213	3,608		5112	53,007	214	3,620	
	5888		213			4,900		21		
	2,675		426			4689		425		
10	10,664	5,888		4,034		14,703	4,901		4,045	
	5779		218			5190		216		
	5,561		217			4,980		207		
	5,344		435			4,773		417		
11	16,684	5,561		4,469		14,943	4,981		4,462	
	7,239		282			6,532		284		B.M. 27-44 F.C. B.M. 16-49)
	6,957		281			6,245		287		BALLONA CR. & OVERLAND AVE
	6,676		563			5,961		571		SEE F.B. 1393-36
12	20,872	6,957		5,032		18,741	6,247		5,033	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 27-46 TO B.M. 27-44
										TOTAL BACKSIGHTS + 62112
										TOTAL FORESIGHTS - 69,578 6
										DIFF IN ELEVATION - 7,466 4
		62,112					69,578 6			

F.B. 1393 PG. 251

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1323 PG. 253										

76P526 S & E #379 1-54

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J. E. Dreier Weather Inst. No.
Notes by Time Rod No.

Name L.A. Co. Precise Level Net
Job No. 0301.02
From To
Date 7-15-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
										JOB NO 0301.02
										L.A. Co. PRECISE LEVEL NET
										SUPPLEMENTAL BMS FOR BM. 27-57
										DREIER
										MOODY
										OHASHI
										ALWIN
										MOORE, R.E.

F.B. 1393 PG. 253

76P526 S & E #379 1-54

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No NK 142552
Notes by G. E. DREIER Time 7:30 TO 9:00 Rod No 15 #16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM 27-57 To BM 27-57A & B
Date 7-15-58
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
1	6.348 6.035 5.636		346 299 678✓			[illegible] [illegible] [illegible]		[illegible] [illegible] 675✓		B.M. 27-57 CRENSHAW BLVD. & 57th ST. SEE F.B. 1393-49 FOR DESC.
										B.M. 27-57A B.SPK IN W. CURB OF CRENSHAW BLVD. 153 FT. S. OF S. CURB OF 57th ST.
2	6.541 5.878 5.215 17.634		663 663 1326✓			3.640 2.979 2.320 8.939		661 659 1320✓		
F.B. 1393 P.G. 254										B.M. 27-57B B.SPK IN S. CURB OF 57th ST., 133 FT. W. OF W. CURB OF CRENSHAW BLVD
3	4.567 4.223 3.882 12.672		344 341 685✓			2.719 2.408 2.097 7.224		311 311 622✓		B.M. 27-57
						7.224 + 1.960✓ 9.184✓				

76P526 S & E #379 1-54

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. Nr. 142552
Notes by G. E. DREIER Time 9:20 to 9:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 27-57 To B.M. 27-57A & B
Date 7-15-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	7.767 7.445 7.124 22.336	7.445✓ - 4.258✓ + 3.187✓	322 321 643✓			4.590 4.258 3.927 12.775	4.258✓	332 331 663		B.M. 27-57 CRENSHAW BLVD. & 57th ST. E. SEE F.B. 1393-49 FOR DESC.
										B.M. 27-57B B. SPK. IN S. CURB OF 57th ST., 133.5 FT. W. OF W. CURB OF CRENSHAW BLVD.
2	3.731 3.072 2.411 9.214	3.071✓	659 661 1320✓			6.638 5.971 5.305 17.914	5.971✓ 3.071✓ - 2.900✓	667 666 1.333		
										B.M. 27-57A B. SPK. IN W. CURB OF CRENSHAW BLVD. 133.5 FT. S. OF S. CURB OF 57th ST.
3	6.108 5.758 5.410 17.276	5.759✓	350 348 698			6.391 6.045 5.699 18.135	6.045✓ 5.759✓ - 0.286✓	346 346 692✓		B.M. 27-57

F.B. 1393 P.G. 255

SEE NEXT PAGE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From To
Date 7-15-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
										ADJUSTED ELEVATION B.M. 27-57 = 179.274
										MEAN DIFF IN ELEV. B.M. 27-57 TO B.M. 27-57A + 0.287
										ELEVATION OF B.M. 27-57A 179.561
										MEAN DIFF. IN ELEV. B.M. 27-57A TO B.M. 27-57B + 2.899
										ELEVATION OF B.M. 27-57B = 182.460
										MEAN DIFF. IN ELEV. B.M. 27-57B TO B.M. 27-57 − 3.186
										ELEV. B.M. 27-57 179.274

F.B. 1393 P.G. 256