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

F. B. Pg.

P.M. file o.k.

Microfilmed Jan '88

RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F. B. _____ PG. _____

| | |
|---|---|
| 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 DREIER |
| Checked | Notes DREIER Date 1-53 |
| Date | Indexed A. C. Johnson 3-31-53 |

F. B. 391 PG. 5

LINE NO. 21

JOB NO 4923

L.A.CO. PRECISE LEVEL NET

DREIER
LANDA
SHINODA
CALDERON
SONNENSCHEIN
OHASHI
BLACK

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726 LOS ANGELES COUNTY
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76F309S 247 2-51

F. B. 1391 PG. 6

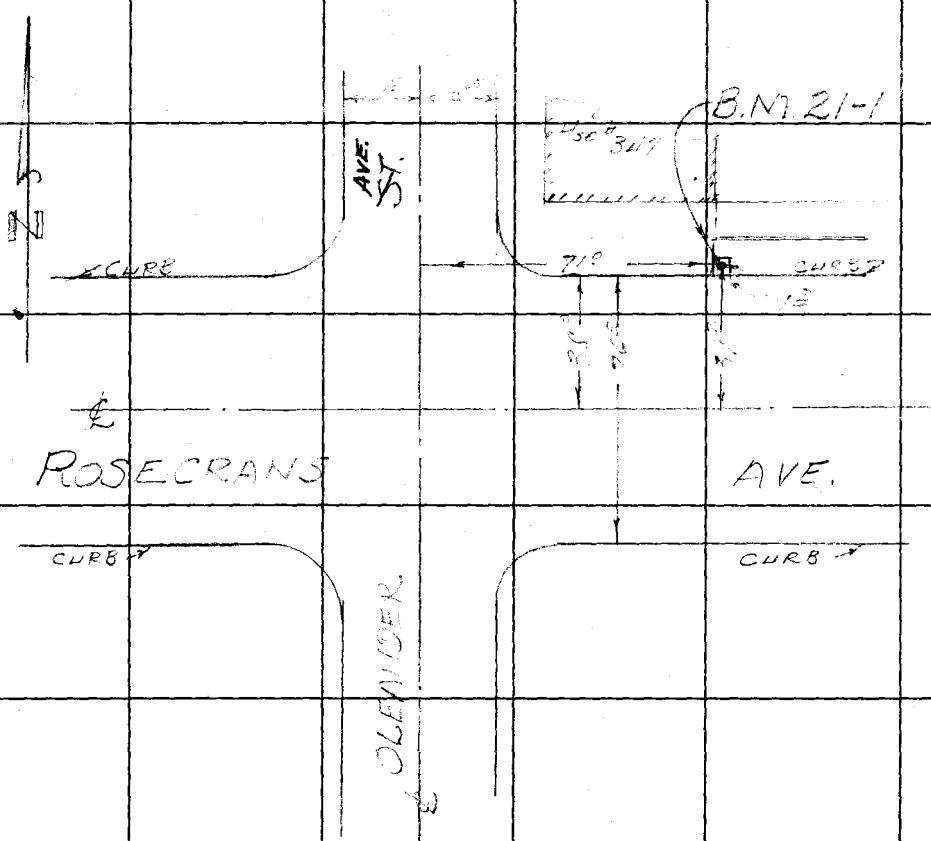
B.M 21-1

ROSECRANS AVE AND OLEANDER ~~ST.~~ AVE.

N.E. COR., A ~~STANDARD~~ L.A. COUNTY SURVEYOR ~~MONUMENT~~ 2½" Button Brass Cap MARKED "B.M. 21-1 1952 R.E. 63" SET IN CONCRETE 3.2 FT. NORTH OF THE ℄ OF ROSECRANS AVE AND 71.0 EAST ℄ OF OLEANDER ST IN FRONT OF HOUSE #347, 8 INCHES DEEP IN A WELL BACK OF THE CURB AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT".

L.A. Co. 1953 Adj. Elev. = 70.783 V

FEB. 6 OCT 1961




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 12-30-52 |
| Date | Indexed A. C. Johnson |

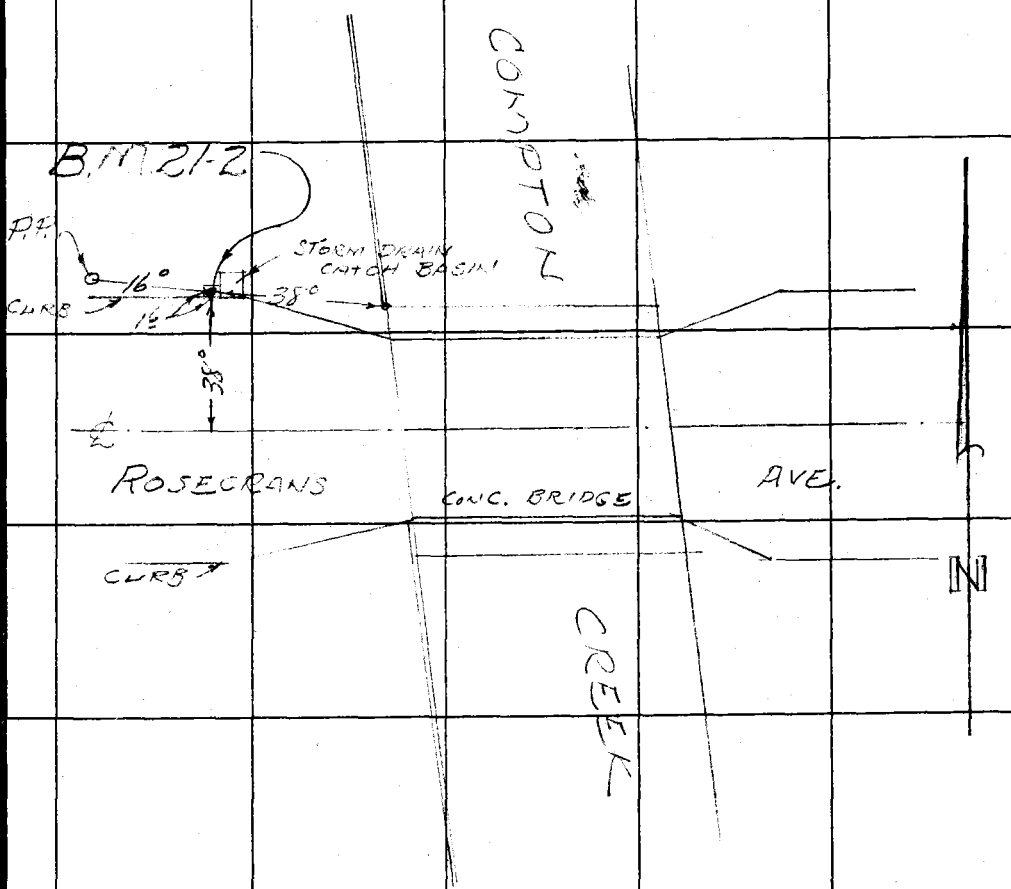
F.B. 1391 Pg. 7

FEB 1 1953

B.M. 21-2

ROSECRANS AVE AND COMPTON CREEK, N.W. COR., L.A. COUNTY SURVEYOR ~~STANDARD~~ ~~MONUMENT~~ 2½" "Button" Brass Cap MARKED "B.M. 21-2 1952 R.E. 63" SET IN CONCRETE 38.0 FT NORTH OF THE ℄ OF ROSECRANS AVE AND 38.0 FT WEST OF THE N.W. COR OF A CONCRETE BRIDGE OVER COMPTON CREEK, 8 INCHES DEEP IN A WELL BACK OF THE CURB AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT".

L.A. Co. 1953 Adj. Elev. = 76.221

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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F.B. 1391 PG. 8

FEB Cost 1964

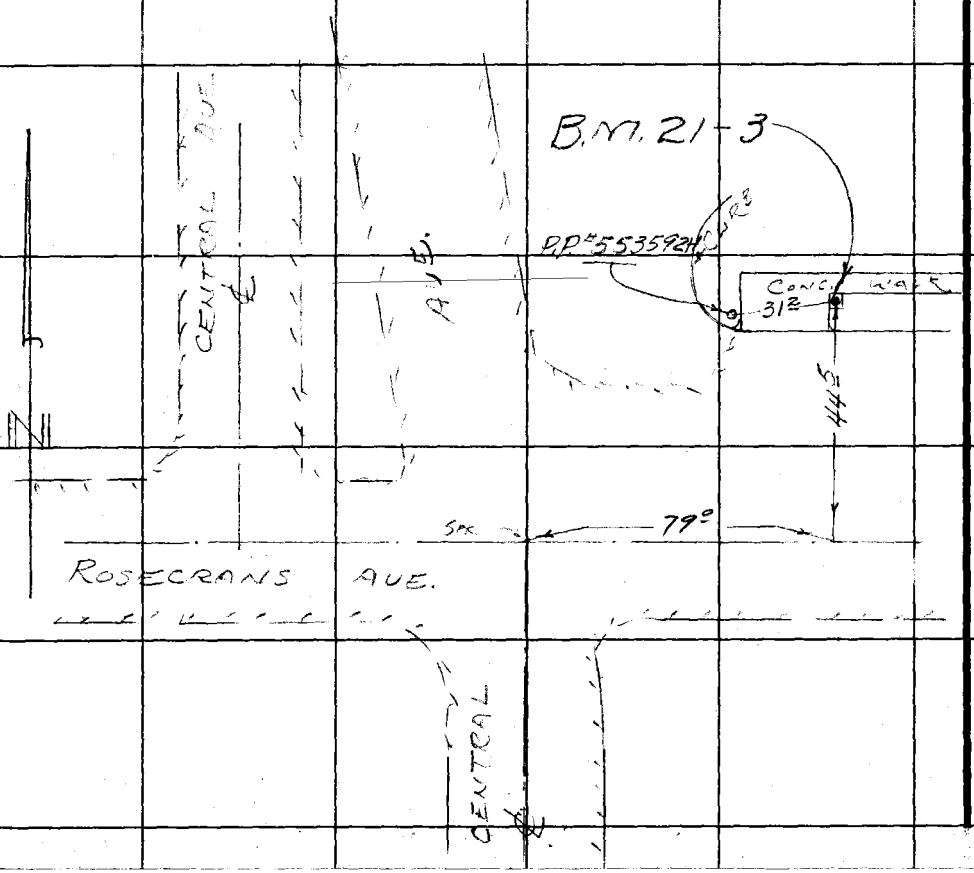
B.M. 21-3

ROSECRANS AVE. AND CENTRAL AVE. N.E. COR.

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

MARKED "B.M. 21-3 1952 R.E. 63" SET IN CONCRETE IN THE CORNER FORMED BY THE DRIVEWAY TO A SERVICE STATION 1201 Rosecrans Ave AND CONCRETE SIDEWALK, 79.0 FT EAST OF THE ℄ INTERSECTION OF CENTRAL AVE (EAST) AND ROSECRANS AVE AND 44.5 FEET NORTH OF THE ℄ OF ROSECRANS AVE. 10 INCHES DEEP IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT".

L.A. Co. 1953 Adj. Elev. = 100.763




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

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| | |
|---|---|
| Notes Ck'd by | Survey of L.A.Co PRECISE LEVEL NET |
| Map No. | W. O. 4923 Tape No. St'd. °F |
| Office Work | Surveyed by G.E. DREIER |
| Checked | Notes G.E. DREIER Date 12-30-52 |
| Date | Indexed A. C. Johnson |

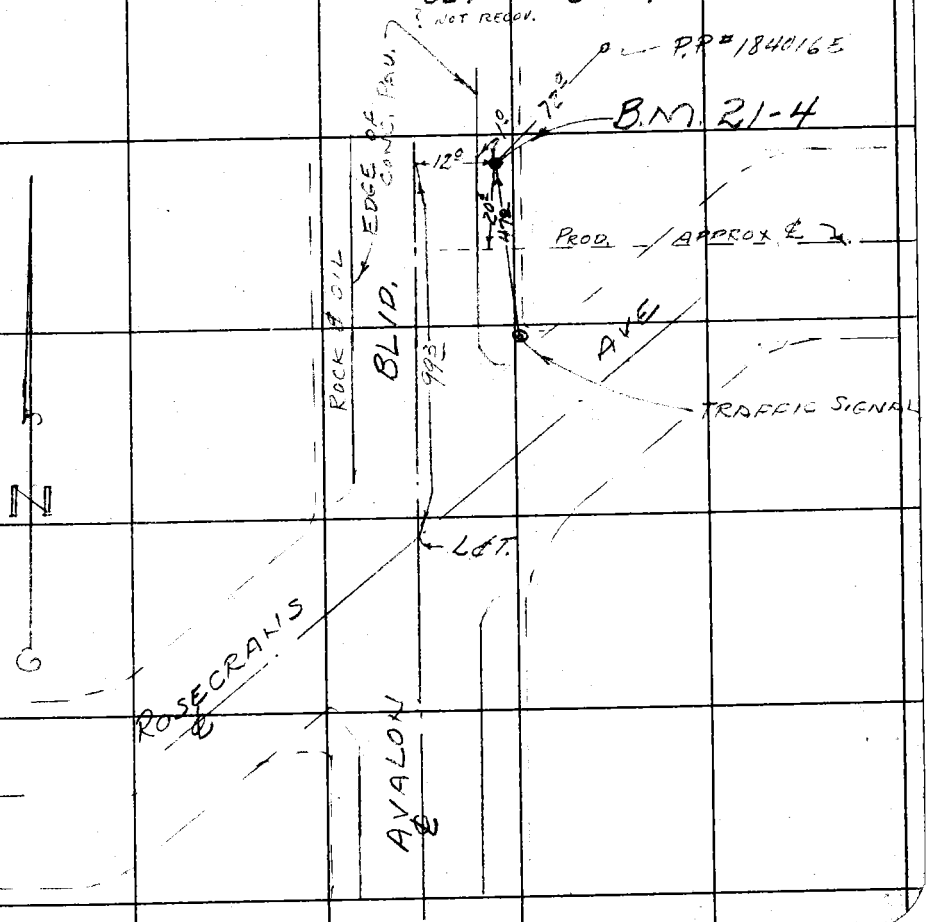
F. B. 1391 Pg. 9

B.M. 21-4

ROSECRANS AVE AND AVALON BLVD, A STANDARD COUNTY SURVEYOR MONUMENT MARKED: "B.M. 21-4 1952 R.E. 63" SET IN CONCRETE 9 INCHES BELOW THE SURFACE, 99.3 FT. NORTH OF ℄ INTERSECTION AND 12.0 FT. EAST OF ℄ OF AVALON BLVD., IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

L.A. Co. 1953 Adj. Elev = 115.532

out acs 6/2/60




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

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RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

78F309S 247 2-51

F. B. 1391 PG. 10

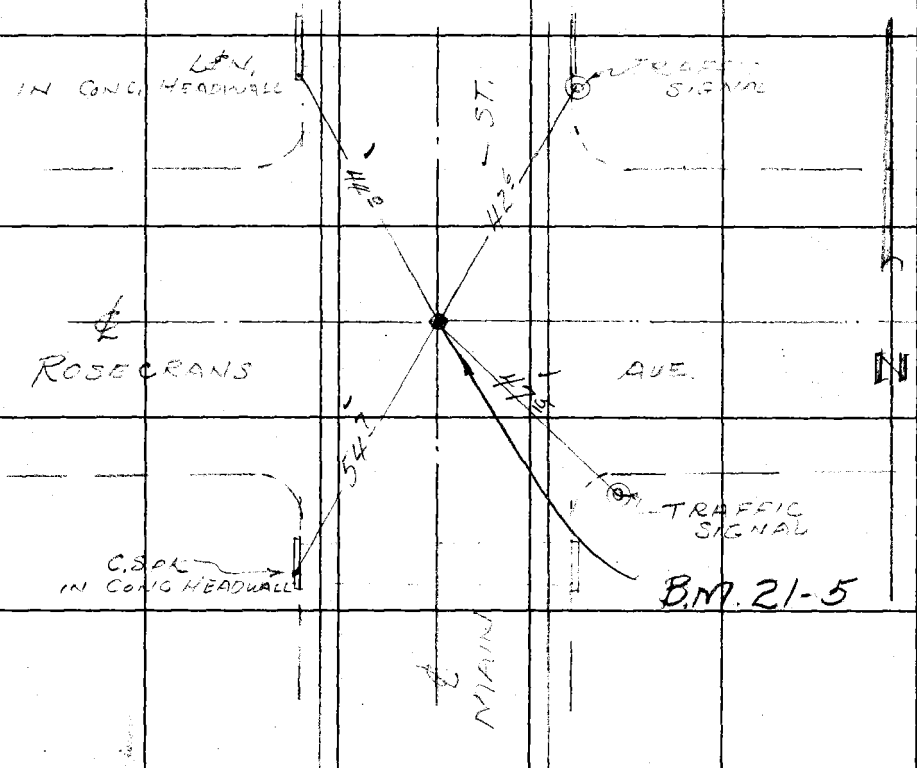
B.M. 21-5
ROSECRANS AVE. AND MAIN ST.
℄ INTERSECTION, A CITY OF LOS ANGELES
4" BRASS DISK "TRAVERSE STATION WATTS
D-12" SET IN CONCRETE 10 INCHES BELOW
THE SURFACE IN A WELL AND PROTECTED
BY A CAST IRON COVER MARKED "CITY
OF L.A. MONUMENT ENGINEERING".

L.A. Co. 1953 Adj. Elev: 113.239.

F.E.B. 8 Oct 1964

The mark is
44.0 ft. S.E. of L&N. in head wall on N.W. Cor.
54.7 " N.E. " Ct Spk " " " " S.W. "
47.5 " N.W. " Traffic Signal on S.E. Cor.
42.6 " ~~N.E.~~ S.W. " " " " N.E. Cor.

B.M. 21-5 Not Recovered, this intersection has recently been completely Reconstructed. Set B.M. 21-5A F.B. 3702-15. 8-May-70 JBR.




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

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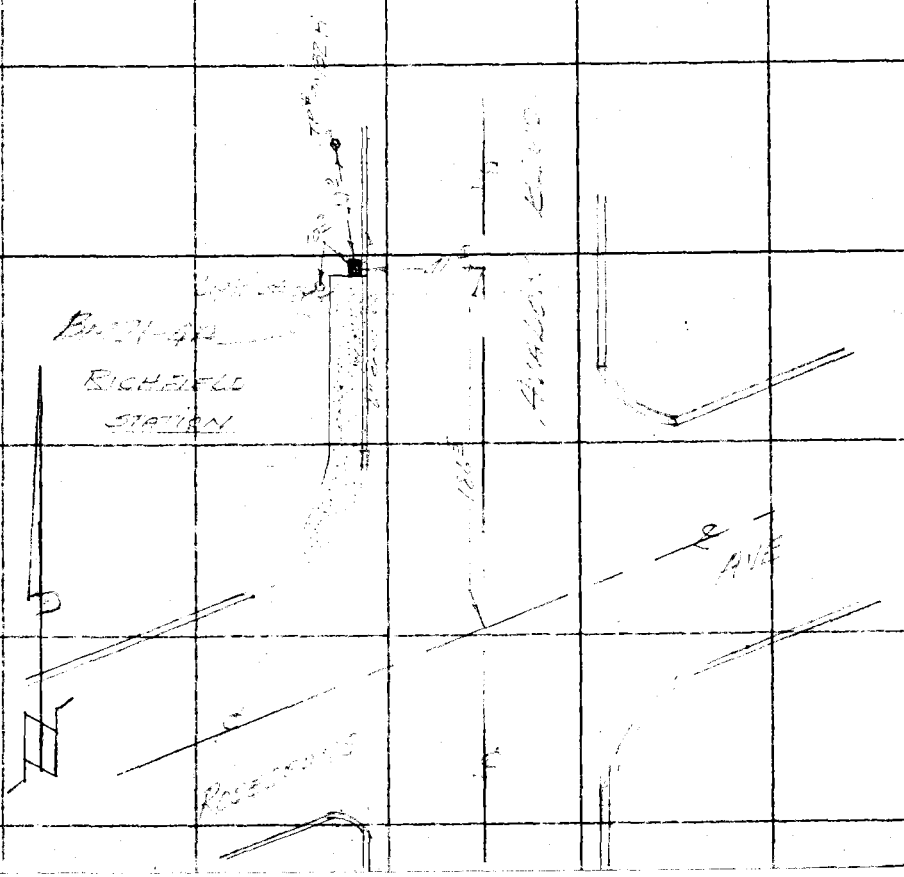
|---|---|
| Notes Ck'd by | Survey of C.A. CO. PRECISE LEVEL NE |
| Map No. | JN 0301.02 Tape Std °F |
| Office Work | Surveyed by A.C. [illegible] |
| Checked | Notes ACG Date 6/1/60 |
| Date | Indexed H. E. OTT MAY 2 '61 |

F. B. 1391 PG. 9A

F.E.B. 4 Det [illegible]

BM 2[illegible]A

COMPTON AREA ROSECRANS AVE & AVALON BLVD — 186.5 ft NO. OF ℄ INT. & 415 W. OF ℄ AVALON BLVD. SET A ~~STANDARD~~ L.A. [illegible] 2½" Button Brass Cap. [illegible] BM 2[illegible] 1960 [illegible] IN CONC. [illegible] BELOW TOP OF CB. IN A WELL [illegible] BY A CAST IRON COVER MK'D [illegible]

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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76F309S S&E #247 11-58

F. B. 1321 PG 98

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| | |
|---|---|
| Notes Ck'd by | Survey of L.A. Co. PRECISE LEVEL NET |
| Map No. | W. O. 1928 Tape No. St'd. °F |
| Office Work | Surveyed by C.E. DREIER |
| Checked | Notes C. E. DREIER Date 1-21-53 |
| Date | Indexed K. C. Johnson |

F. B. 1371 Pg. 11

B.M. 21-6

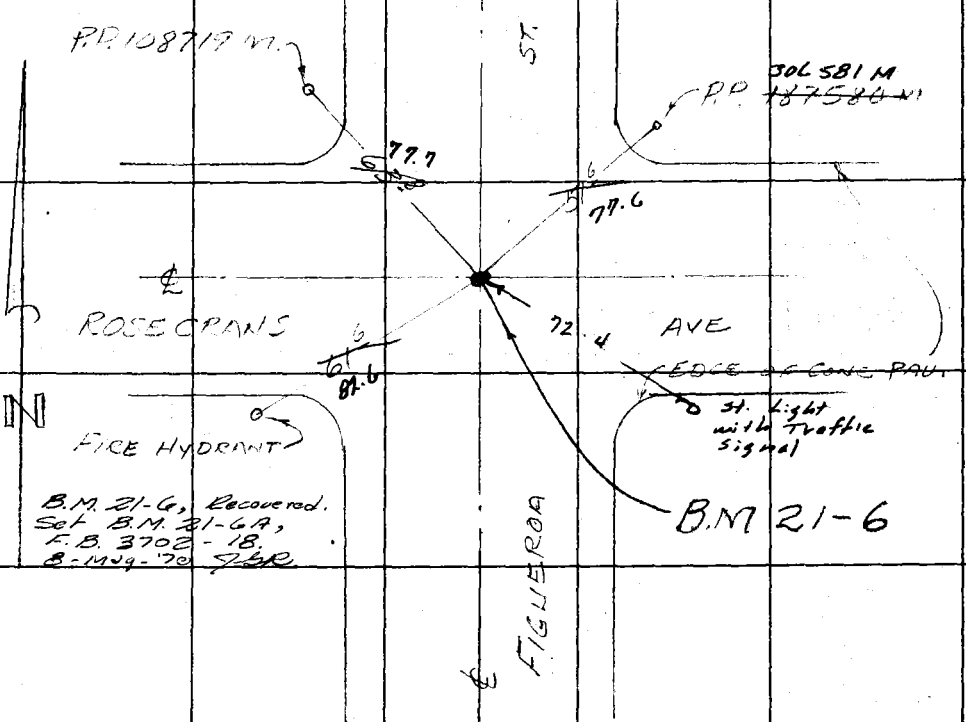
ROSECRANS AVE AND FIGUEROA ST., ℄ INTERSECTION, A CITY OF LOS ANGELES BRASS DISK "TRAVERSE STATION WATTS C-12B" SET IN CONCRETE 10 INCHES BELOW THE SURFACE IN A WELL AND PROTECTED BY A CAST IRON COVER MARKED "CITY OF L.A. MONUMENT ENGINEERING"

L.A.Co. 1953 Adj. Elev. = 100.139

The mark is

77.7 ft S.E. of P.P. # 108719 M on N.W. Cor.
82.6 ft N.E. of Fire hyd. " S.W. "
72.4 " N.W. of st. light with traffic signal on S.E. Cor.
77.7 " S.W. of P.P. # 306581 M on N.E. Cor.

FEB. 8 OCT 1964

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

76F309S 247 2-51

F.B. 1391 PG. 12

B.M. 21-7

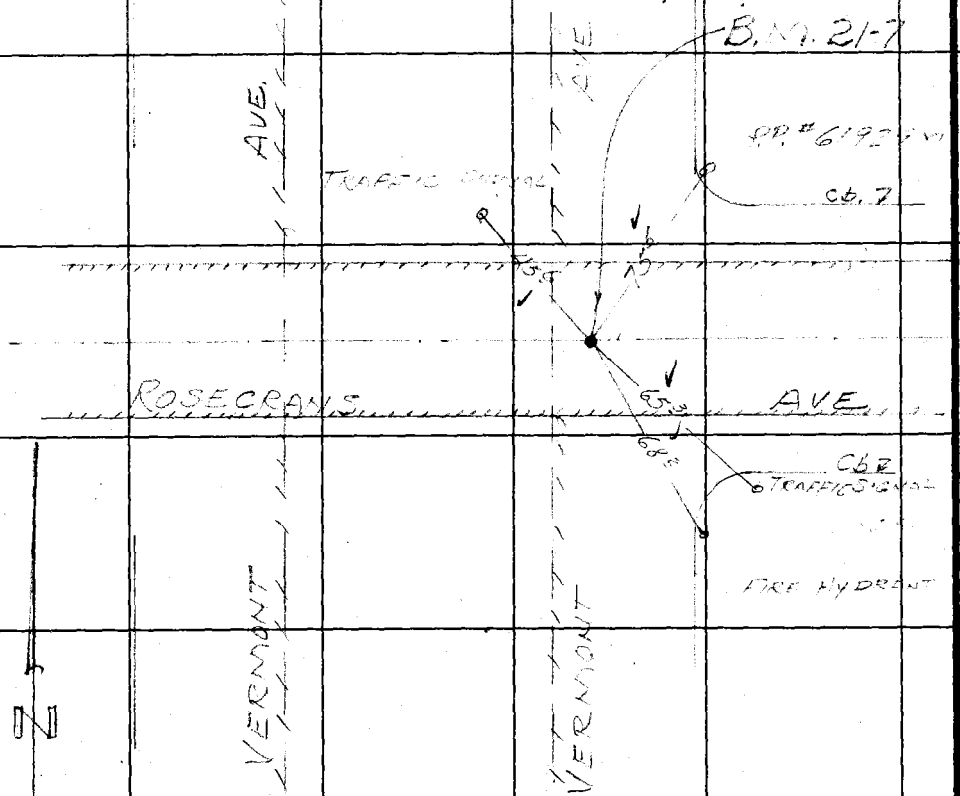
ROSECRANS AVE AND VERMONT AVE, EAST SIDE, ON APPARENT ℄ INTERSECTION, A CITY OF LOS ANGELES BRASS DISK "TRAVERSE STATION WATTS B-12 1946" SET IN CONCRETE 10 INCHES BELOW THE SURFACE IN A WELL PROTECTED BY A CAST IRON COVER MARKED "CITY OF L.A. MONUMENT ENGINEERING"

L.A. Co. 1953 Adj. Elev: 61.651

F.E.B. 8 Oct 1964

The mark is
45.6 ft S.E. of Traffic Signal on N.W. Cor.
75.5 ft S.W. of P.P.# 61929 M " N.E. "
65.3 ft. N.W. " Traffic Signal " S.E. Cor.
68.2 ft " " Fire hyd. " " ".

B.M. 21-7 not Recovered, Set B.M. 21-7A approx. 500' Eastly. See F.B. 3702-19. 8-May-70 [illegible]




RETURN TO
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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 C. E. DREIER |
| Checked | Notes G.E.D. Date 1-21-53 |
| Date | Indexed [illegible] C. Johnson |

F.B. 1371 PG. 13

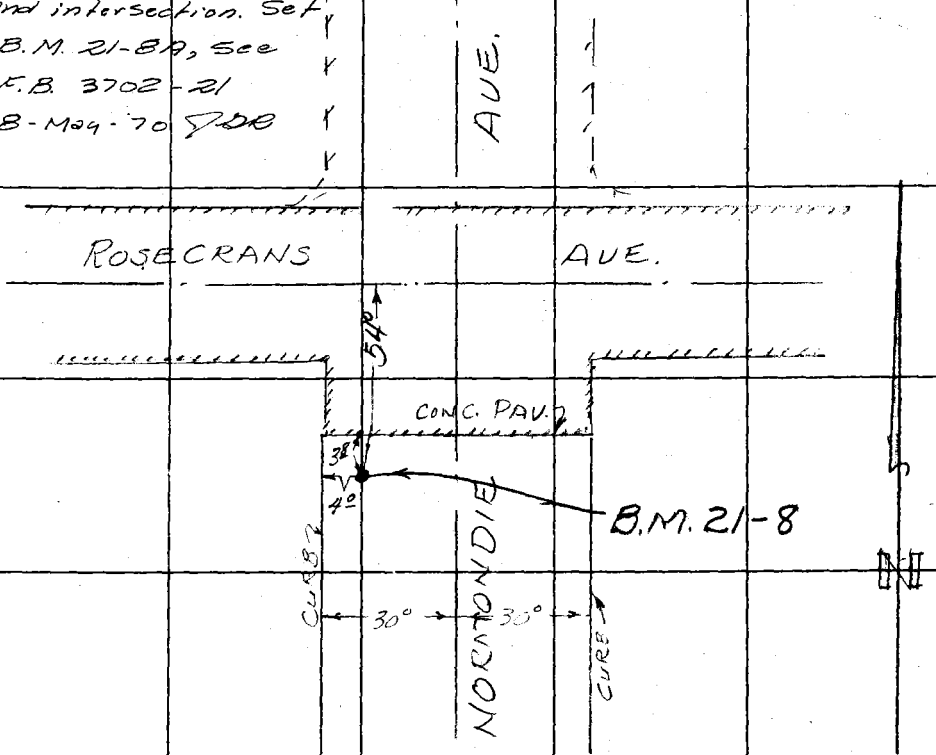
FEB 1954

B.M. 21-8

ROSECRANS AVE AND NORMONDIE AVE., S.W. COR. A ~~STANDARD~~ L.A. COUNTY SURVEYOR ~~MONUMENT~~ 2 1/2" Button Brass Cap MARKED "B.M. 21-8 1952 RE.63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE, 54.0 FEET SOUTH OF THE ℄ OF ROSECRANS AVE., AND 26 FT WEST OF THE ℄ OF NORMONDIE AVE., 4.0 FEET EAST OF THE WEST CURB, IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

L.A. Co. 1953 Adj. Elev.: 46.388

B.M. 21-8 destroyed in Construction of Curbs and intersection. Set B.M. 21-8A, See F.B. 3702-21 8-May-70 [illegible]

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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

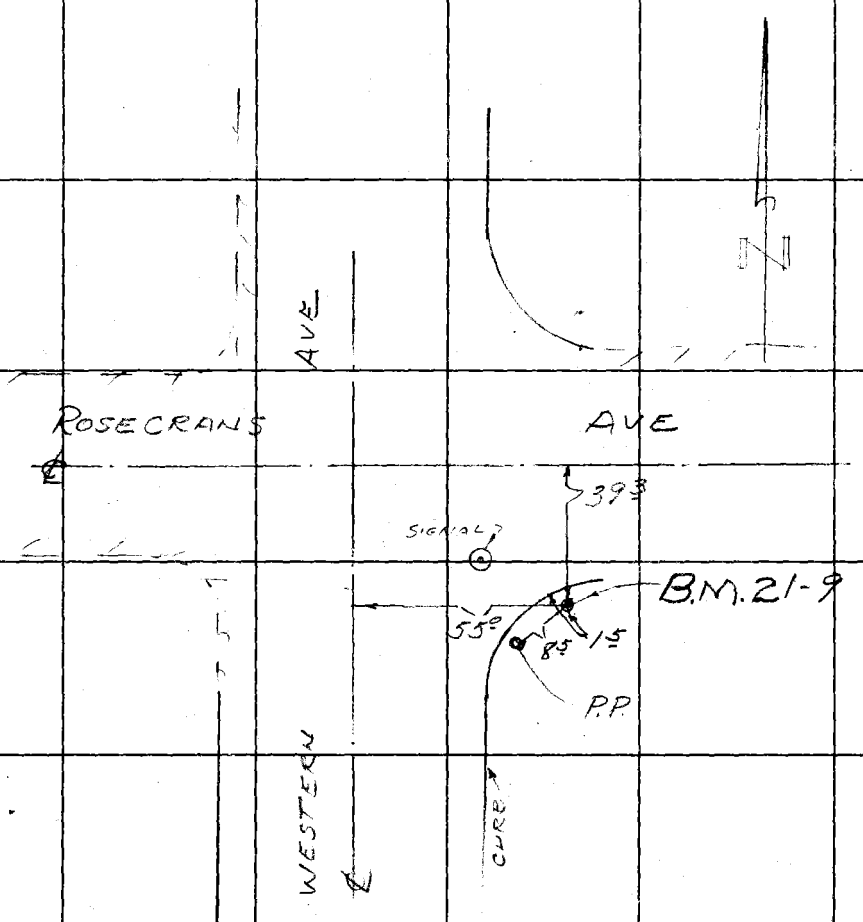
76F3095 247 2-51

F. B. 1971 PG. 14

B.M. 21-9

ROSECRANS AVE. AND WESTERN AVE,
S.E. COR. A STANDARD COUNTY SURVEYOR
MONUMENT MARKED "B.M. 21-9 1952 RE. 63".
SET IN CONCRETE 10 INCHES BELOW THE
TOP OF THE CURB, 39.3 FEET SOUTH OF
THE ℄ OF ROSECRANS AVE, AND 55.0 FEET
EAST OF THE ℄ OF WESTERN AVE, 1.5 FT.
BACK OF THE MIDDLE OF THE CURB RETURN
IN A WELL PROTECTED BY A CAST IRON
COVER MARKED "COUNTY SURVEYOR MONUMENT".

L.A.Co. 1953 Adj. Elev.: 46.484
OUT acb 6/2/60




RETURN TO
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726 LOS ANGELES COUNTY
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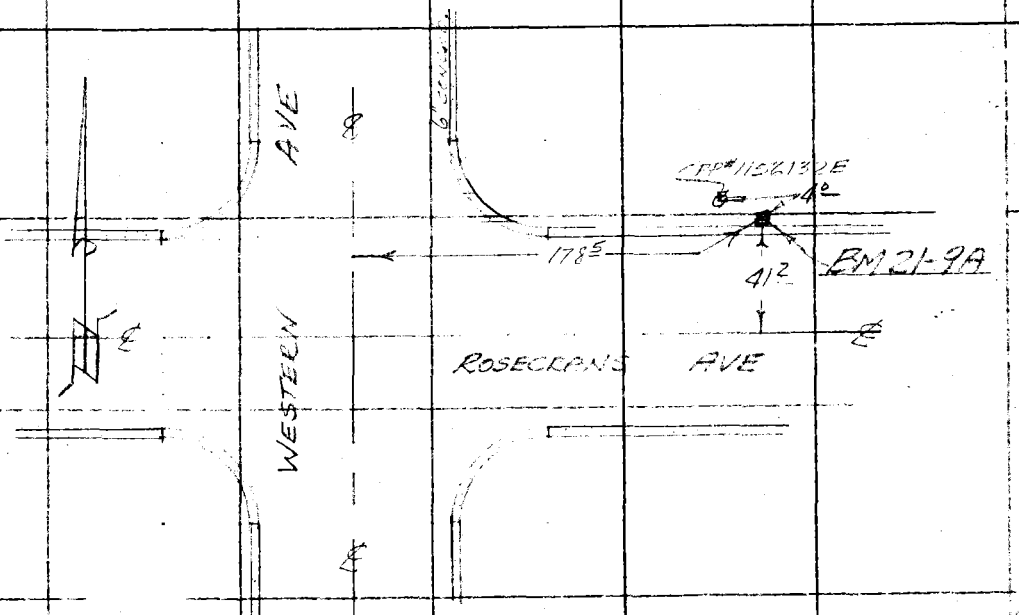
| | | |
|---|---|---|
| Notes Ck'd by | Survey of **C.A. CO. PRECISE LEVEL NET** | F. B. 1391 PG. 14A |
| Map No. | JN 030102 Tape Std °F | |
| Office Work | Surveyed by A.C. GUIZADO | |
| Checked | Notes ACG Date 6-2-60 | |
| Date | Indexed MAY 2 '61 H. E. OTT | |

FEB Oct 1964

BM 21-9A

COMPTON AREA; ROSECRANS & WESTERN AVES. SET [illegible] L.A. COUNTY ENGINEER 2½" B.H. on [illegible] MARKED "BM 21-9A [illegible]" [illegible] 10 INCHES BELOW TOP OF CURB IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY ENGINEER MONUMENT"; 178.5 E & 41.2 [illegible] ℄ [illegible] ℄ [illegible] OF [illegible] SET 1[illegible] NORTH OF CONCRETE CURB.

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76F309S S&E #247 11-58

F. B. 1391 PG 148

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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 1-21-53 |
| Date | Indexed A. C. Johnson |

F. B. 1391 Pg. 15

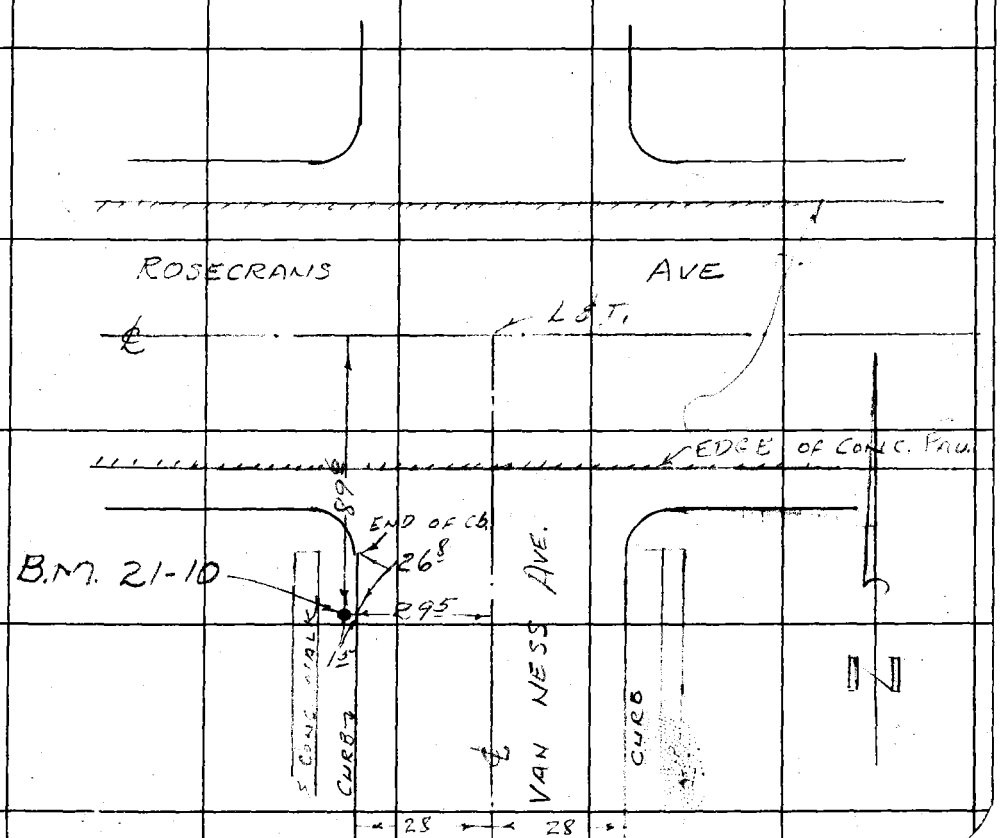
FEB 6 Oct 1954

B.M. 21-10

ROSECRANS AVE. AND VAN NESS AVE.

A ~~STANDARD~~ L.A. COUNTY SURVEYOR ~~MONUMENT~~ 2 1/2" Button Brass Cap MARKED "B.M. 21-10 1952 R.E. 63" SET IN CONCRETE 10 INCHES BELOW THE CURB 89.6 FEET SOUTH OF THE ℄ OF ROSECRANS AVE AND 29.5 FEET WEST OF THE ℄ OF VAN NESS AVE. AND 1.5 FEET BACK OF THE CURB IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

L.A. Co. 1953 Adj. Elev. = 44.548

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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F. B. 1391 PG. 16

B.M. 21-11 L.A.Co. 1953 Adj. Elev. = 47.461

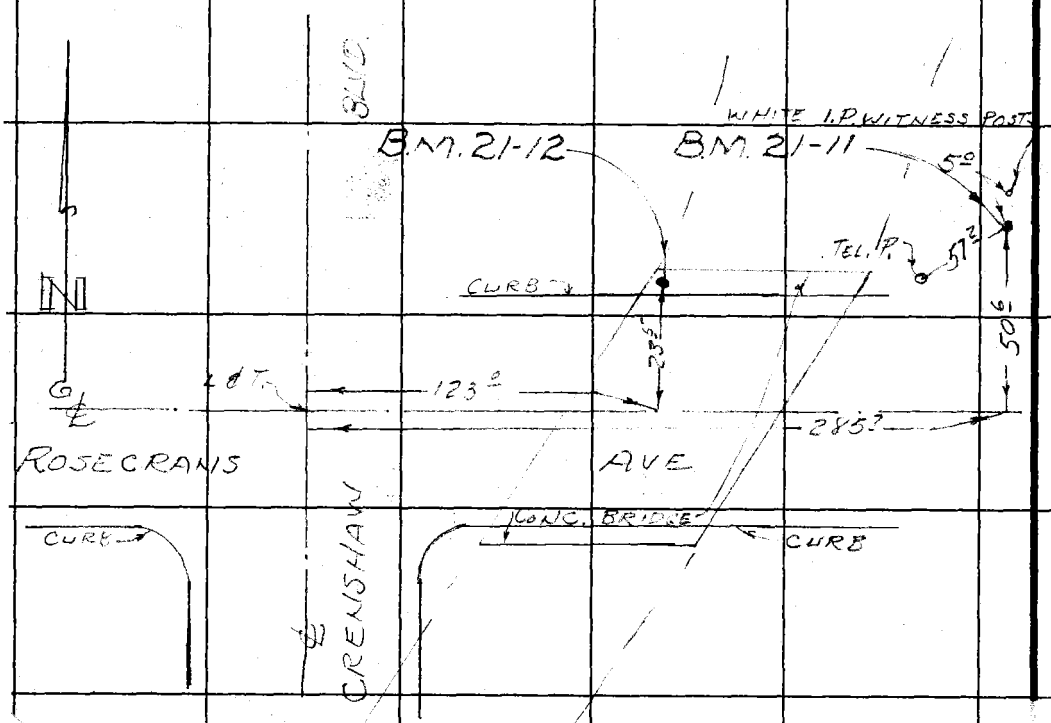
ROSECRANS AVE AND CRENSHAW BLVD, 285.7 FEET EAST OF ℄ OF CRENSHAW BLVD, AND 50.6 FEET NORTH OF ℄ OF ROSECRANS AVE, 5.0 FEET SOUTH OF A WHITE WITNESS PIPE, 18 INCHES BELOW THE SURFACE, A STANDARD LOS ANGELES COUNTY FLOOD CONTROL DISTRICT BRASS DISK SET IN CONCRETE AND MARKED "R/W 114-4"

B.M. 21-12 (L.A.Co.F.C.D. 113-21A)

ROSECRANS AVE AND CRENSHAW BLVD, 123.0 FEET EAST OF ℄ OF CRENSHAW BLVD AND 23.5 FEET NORTH OF ℄ OF ROSECRANS AVE, A STANDARD LOS ANGELES COUNTY FLOOD CONTROL BRASS DISK SET IN N.W. CORNER OF CONCRETE BRIDGE MARKED "B.M. 113-21A"

L.A.Co. 1953 Adj. Elev.: ~~47.401~~ 54.401

BMs not recovered
6 Oct 1964 F.E.B.
See F.B. 3702-27,28
for BM 21-11 A-1 & BM 21-12 A




RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
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| | |
|---|---|
| Notes Ck'd by | Survey of L.A. Co. PRECISE LEVELNET |
| Map No. | W. O. 4923 Tape No. St'd. °F |
| Office Work | Surveyed by G. E. DREIER |
| Checked | Notes G. E. DREIER Date 1-9-53 |
| Date | Indexed A. C. Johnson |

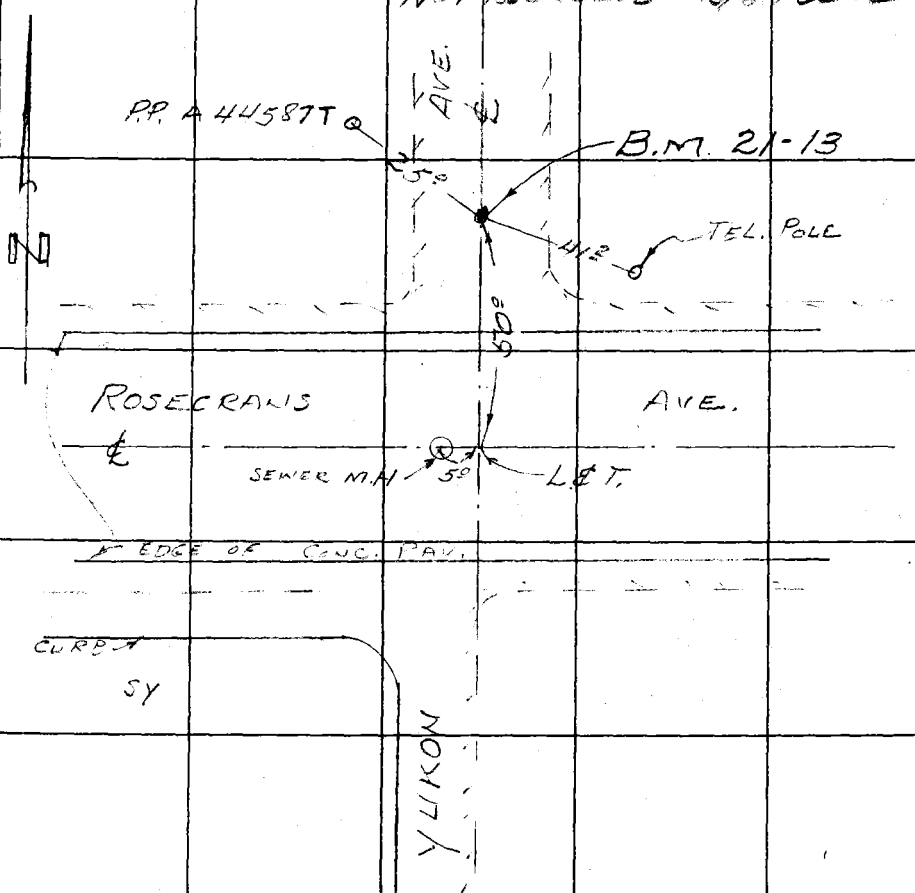
F. B. 1391 Pg. 17

B.M. 21-13

ROSECRANS AVE AND YUKON AVE, A STANDARD COUNTY SURVEYOR MONUMENT R.E. 329 SET IN CONCRETE 7 INCHES BELOW THE SURFACE ON THE ℄ OF YUKON AVE. 50° FEET NORTH OF THE ℄ OF ROSECRANS AVE. IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

L.A. Co. 1953 Adj. Elev. = 50.243

NOT RECOVERED 6/3/60 [illegible]




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

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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

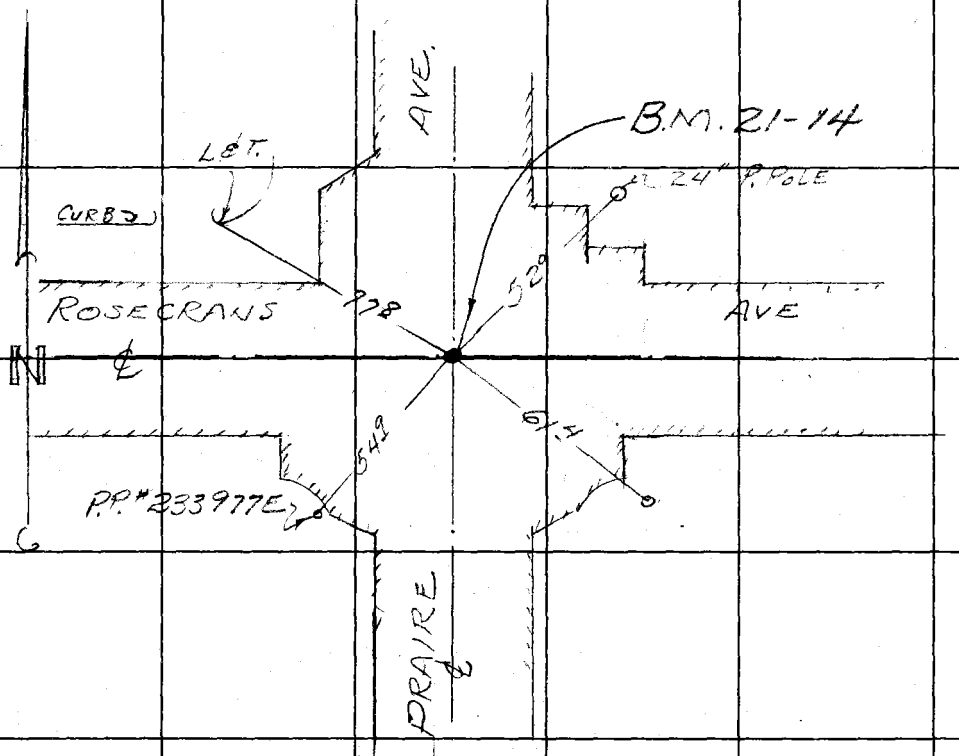
76F309S 247 2-51

F. B. 1391 PG. 18

B.M. 21-14 (INGLEWOOD G-128)
ROSECRANS AVE AND PRAIRIE AVE,
℄ INTERSECTION A STANDARD LOS ANGELES
COUNTY TRIANGULATION BRASS DISK "INGLEWOOD
G-128 SET IN CONCRETE 10 INCHES BELOW
THE SURFACE IN A WELL PROTECTED BY
A CAST IRON COVER MARKED "COUNTY
SURVEYOR MONUMENT."

L.A. Co. 1953 Adj. Elev. = 53.603

See F.B. 3702-31 for
new description
F.E.B. 8 Oct 1964




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

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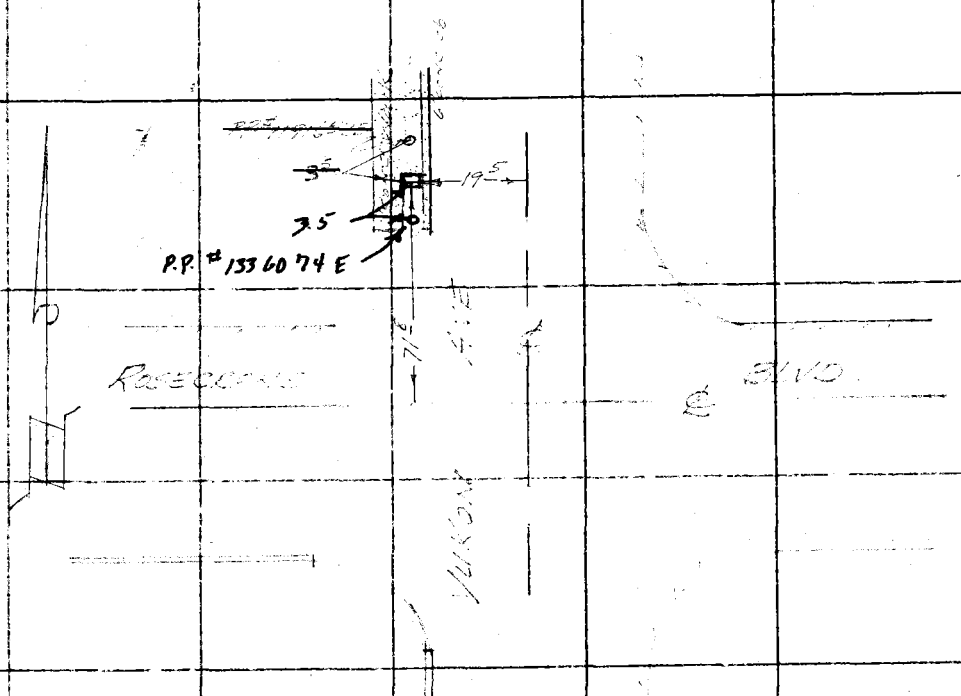
| | | |
|---|---|---|
| Notes Ck'd by | Survey of | **C.A. CO. PRECISE LEVEL NET** |
| Map No. | JN 030155 Tape Std °F | F. B. 1391 PG. 17A |
| Office Work | Surveyed by A.C. [illegible] | |
| Checked | Notes ACG Date [illegible] | |
| Date | Indexed MAY 2 '61 H. E. OTT | |

F.E.B. 8 OCT 1964

BM 21-BA

~~COMPTON AREA~~ ROSECRANS BLVD & YUKON AVE: 71.8 N & 19.5 W OF ℄ INTERSECTION SET A ~~[illegible]~~ L.A. CO. ENGR. ~~[illegible]~~ 2½" BUTTON CAP MON MKD "BM 21-BA 1960 RE 5869" IN CONCRETE 10 INCHES BELOW TOP OF CURB, 3.5 ~~[illegible]~~ N. OF ~~[illegible]~~ 1336074 E. & PROTECTED BY A CAST IRON COVER MKD "CO. ENGR. MON."

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

6F309S S&E #247 11-58

F. B. 1391 PG. 178

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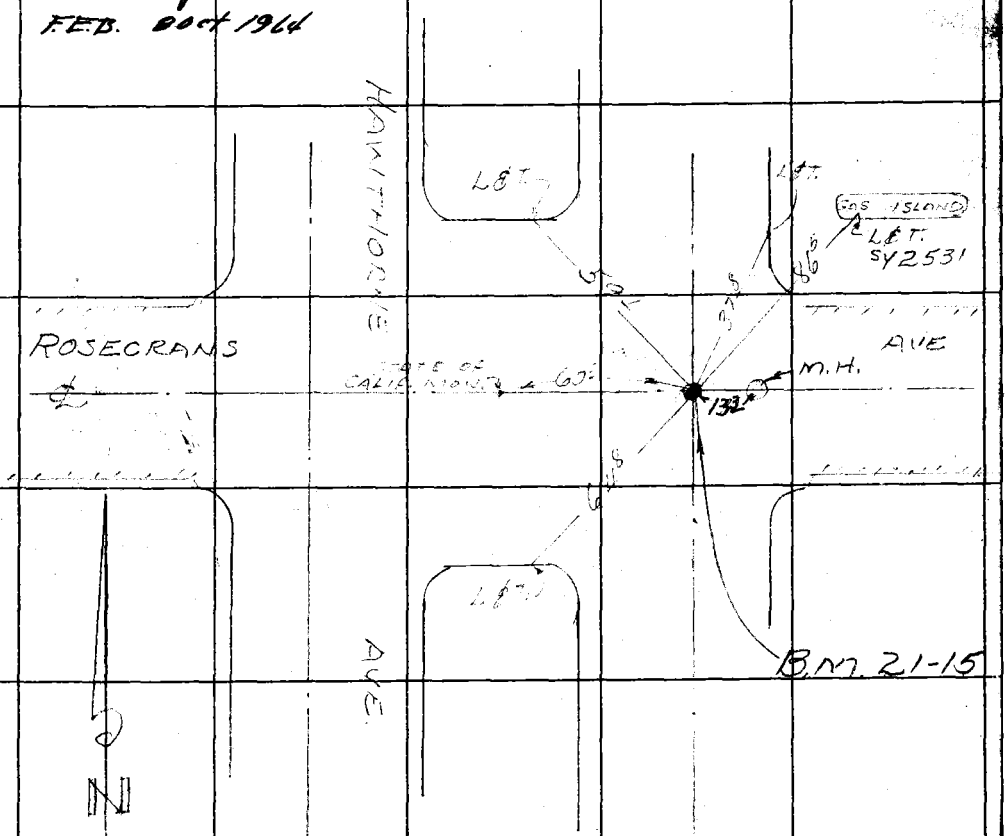
| Notes Ck'd by | Survey of L.A. Co. PRECISE LEVEL NET |
| Map No. | W. O. 1923 Tape No. St'd. °F |
| Office Work | Surveyed by G.E. DREIER |
| Checked | Notes G.E. DREIER Date 1-9-53 |
| Date | Indexed E. C. Johnson |

F. B. 1391 Pg. 19

B.M. 21-15 (INGLEWOOD F-12) (SY 565)
ROSECRANS AVE AND HAWTHORNE AVE,
(EAST) ℄ INTERSECTION, A STANDARD
LOS ANGELES TRAVERSE STATION "INGLEWOOD
F-12" SET IN CONCRETE 11 INCHES BELOW
THE SURFACE IN A WELL PROTECTED BY
A CAST IRON COVER MARKED "COUNTY
SURVEYOR MONUMENT"

L.A. Co. 1953 Adj. Elev. = 62.069

See F.B. 3702-32 for
new description.
F.E.B. Oct 1964

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76F309S 247 2-51

F.B. 1371 PG. 20

1941
2177

FEB 8 Oct 1964

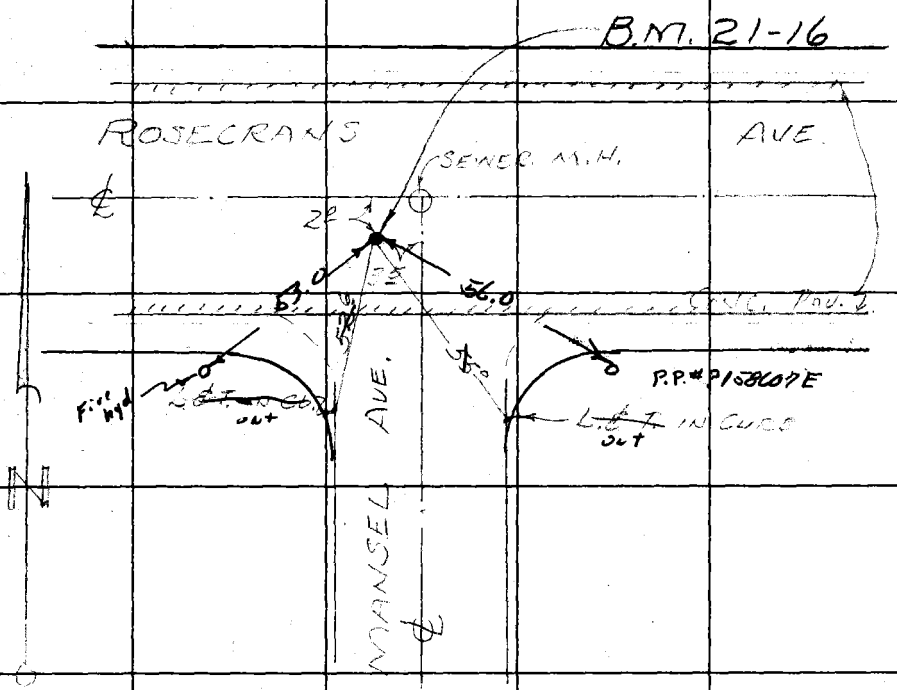
B.M. 21-16 (INGLEWOOD F-12A) (SY 569)

ROSECRANS AVE AND MANSEL AVE, A ~~STANDARD~~ L.A. COUNTY ~~SURVEYOR~~ Survey Control System 4" Brass TRAVERSE ~~STATION~~ Disk stamped "INGLEWOOD F-12A" RE 2177 1941 SET IN CONCRETE ~~10~~ 12 INCHES BELOW THE SURFACE, 2.0 FEET SOUTH OF THE ℄ OF ROSECRANS AVE AND 3.5 FEET WEST OF THE ℄ OF MANSEL AVE, IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT".

L.A. Co. 1953 Adj. Elev = 72.879

The mark is
56.0 ft N.W. of P.P.# P158607E on S.E. Cor. E end C.R.
53.0 " N.E. " Fire hyd " S.W. "

B.M. 21-16 Recovered as described, set B.M. 21-16 A, See F.B. 3702-35
8-May-70 [illegible]

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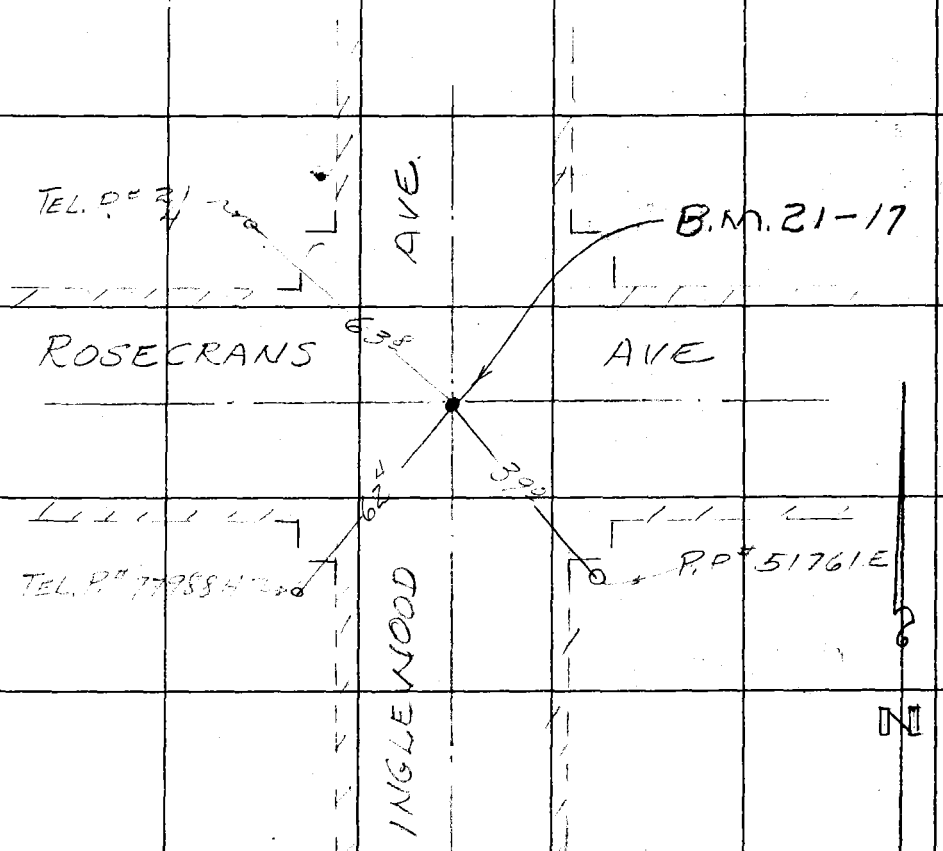
| Map No. | W. O. 4923 Tape No. St'd. °F |
| Office Work | Surveyed by G.E. DREIER |
| Checked | Notes G.E. DREIER Date 1-9-53 |
| Date | Indexed A. C. Johnson |

F. B. 1311 Pg. 21

B.M. 21-17 (INGLEWOOD E-12) (SY 572)
ROSECRANS AVE AND INGLEWOOD AVE.,
A STANDARD COUNTY SURVEYOR TRAVERSE STATION BRASS DISK "INGLEWOOD E-12" SET IN CONCRETE 11 INCHES BELOW THE SURFACE ON ℄ INTERSECTION IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."
L.A. Co. 1953 Adj. Elev = 69.928 ✓
NOT RECOVERED 6/2/[illegible]

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76F309S 247 2-51

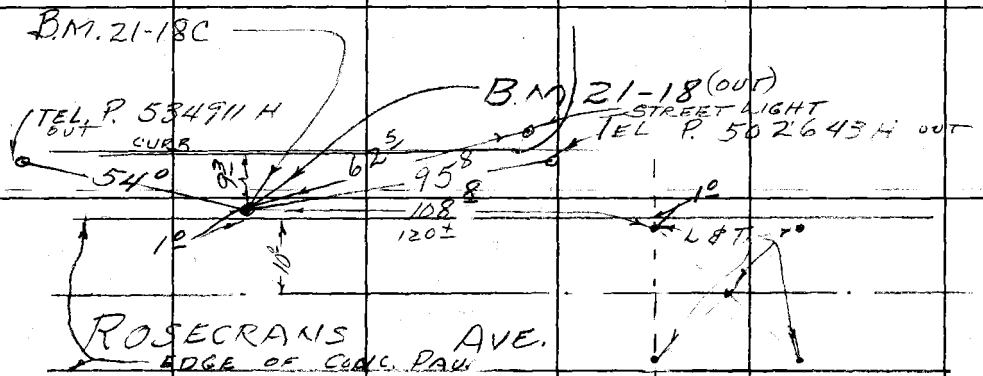
F.B. 1391 PG. [illegible]

B.M. 21-18 (INGLEWOOD D-12)

ROSECRANS AVE AND HINDRY AVE., A STANDARD COUNTY SURVEYOR TRAVERSE STATION BRASS DISK "INGLEWOOD D-12" SET IN CONCRETE 12 INCHES BELOW THE SURFACE 11.0 FT. NORTH OF THE ℄ OF ROSECRANS AVE. AND 108.8 FEET WEST OF TWO LEAD AND TACKS IN LINE WITH THE CENTER OF THE PAVEMENT OF HINDRY AVE. IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT".

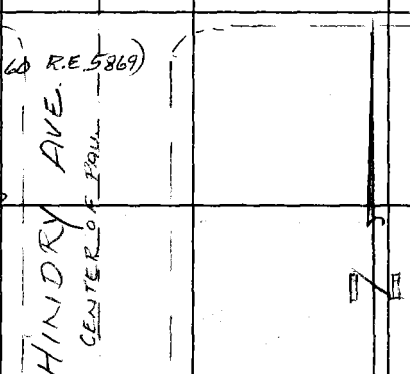
L.A.Co. 1953 Adj. Elev = 82.744

NOT RECOVERED [illegible]




B.M. 21-18C (INGLEWOOD D-12 RESET 1960 R.E. 5869)

ROSECRANS AVE. ABOUT 120 FT. WEST OF HINDRY AVE., 9.3 FEET S. OF THE N. CURB, 62.5 FT. S.W. OF A STREET LIGHT, FOUND A CO. ENGR. TRAVERSE STA. DISC, STAMPED "INGLEWOOD D-12 RESET 1960 RE 5869" 8" DN., UNDER A CAST IRON COVER.

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C.E.346

# RECOVERY REPORT

~~GEODETIC STATION~~ - - - - - (Line out one) - - - - - PRECISE BENCH MARK

F.B. 1391-21A

W. D. BAY
Party Chief

F. B. Reference

10-19-62
Date

Note: This monument was not destroyed by construction ~~Cap~~ was reset in Conc. driveway over monument EAR 1-7-63

| CI Cover Sta. No. | Estab. By | Year | Quad. Sheet | Condition Mark ~~R. Ms.~~ | Stamped | Obstructions |
|---|---|---|---|---|---|---|
| BM 21-17A | L.A. CO. ENGR. | 1960 | ——— | GOOD TO BE DESTROYED BY CONST. | BM 21-17A 1960 RE 5869 | ——— |

General Remarks, New Routes, Replacement, etc.

SEE FB 1391-21C FOR LOCATION OF R.M.'S 1 & 2

SEE F.B. 1392-215-217 FOR ELEV.'S OF R.M.'S 1 & 2

Note: Return completed reports to Geodetic Sec., Survey Div., Co. Engr. Office

| | | |
|---|---|---|
| Notes Ck'd by | Survey of A. CO. PRECISE LEVEL NE | F. B. 1391 PG. 21 A |
| Map No. | JN 03C102 Tape Std °F | |
| Office Work | Surveyed by A. C. GUIZADO | |
| Checked | Notes ACG Date 6/2/60 | |
| Date | Indexed H. E. OTT MAY 2 61 | |

BM 21-17A

[illegible] 61.0 [illegible] of N. ℄

Curb Rosecrans Ave Ø Inglewood Ave

31⁵ W of ℄ ~~[illegible]~~, 36⁵ S. of

PP#1195226E, SET A ~~STD~~ L.A. CO. ENGR ~~[illegible]~~ 24½ Button

[illegible] MON. MK'D "BM 21-17A 1960

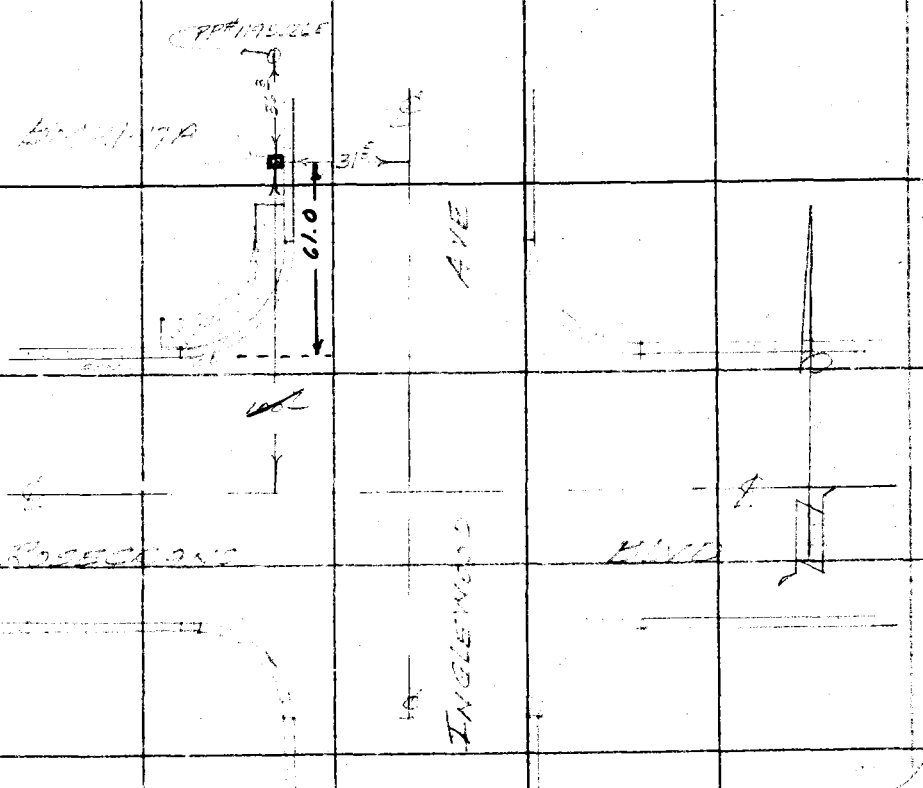
RE 5869" IN CONCRETE 10 INCHES BELOW

TOP OF ~~CURB~~ Conc drive & PROTECTED BY A CAST IRON

COVER MK'D "CO. ENGR. MON."

FEB 9 Oct 1964

SEE PG. 21C FOR LOC OF RM.s 1 & 2
SEE F.B. 1392, 215-218 FOR ELEV. of RM.s 1 & 2
10-19-'62 BAY

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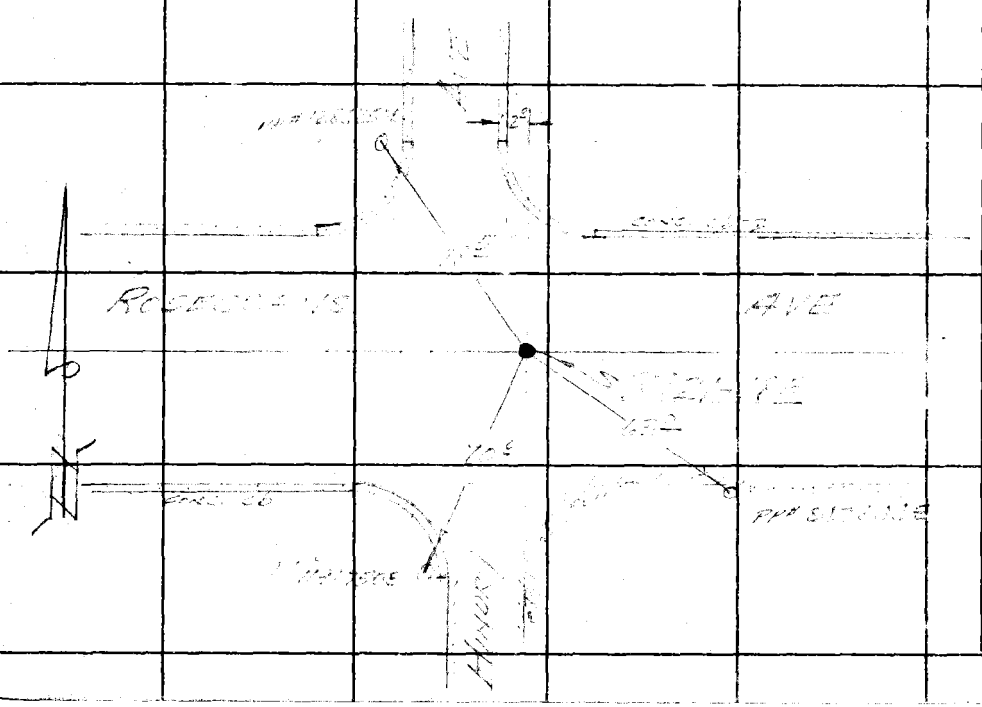
76F309S S&E #247 11-58

F. B. 1291 PG 21B

BM 21-18A

[illegible]

See F.B. 3702-41 for
new description
9 Oct 1964 F.E.B.



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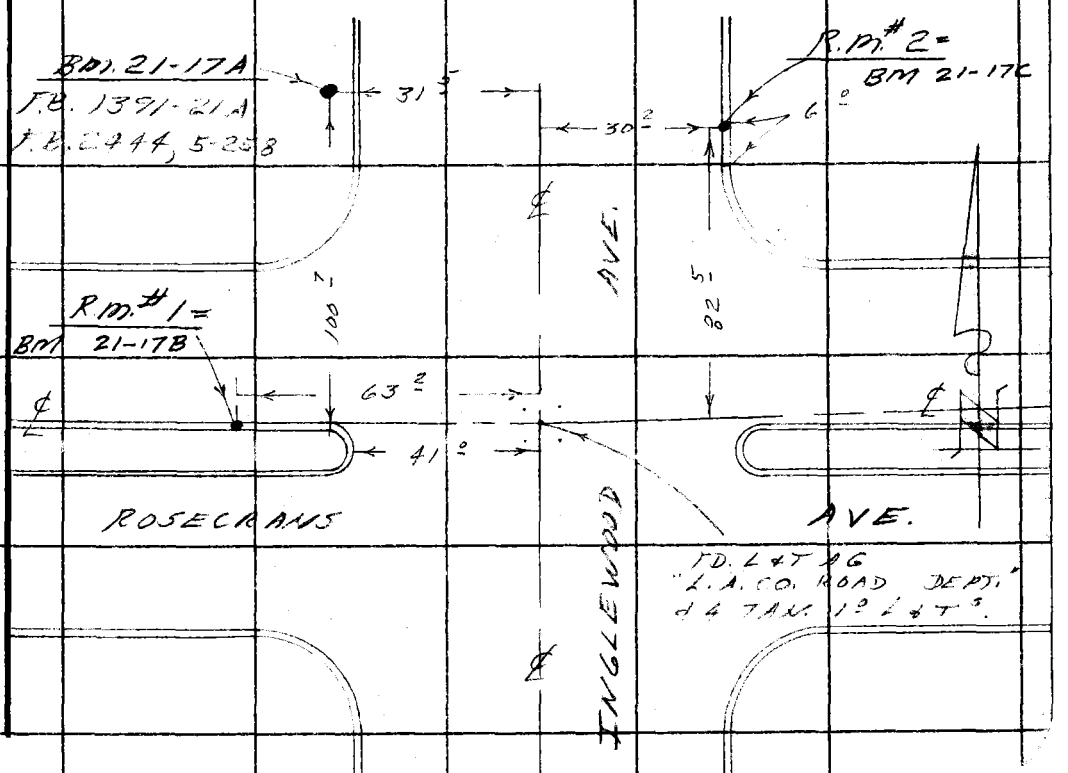
| | | |
|---|---|---|
| Notes Ck'd by | Survey of PRECISE LEVELS | F. B. 1391 PG. 21 C |
| Map No. | JN 0301.02 Tape — Std — °F | |
| Office Work | Surveyed by RAY | |
| Checked | Notes RAY Date 10-19-62 | |
| Date | Indexed C. J. GALLI JAN 9 '63 | |

FD (R.M. #1) = BM 21-17B ROSECRANS AVE. & INGLEWOOD AVE., W. SIDE, 63.2' WEST OF ℄ OF INGLEWOOD AVE. & 0.2' S. OF ℄ ROSECRANS AVE. A BT. SPK. IN LEAD IN TOP OF N. CURB, 22.2' W. OF E. END OF ISLAND.

FD (R.M. #2) = BM 21-17C ROSECRANS AVE. & INGLEWOOD AVE. N.E. COR. 30.2' EAST OF ℄ INGLEWOOD AVE. & 82.5' N. of ℄ ROSECRANS AVE. A BENCH NAIL IN LEAD IN TOP OF CURB, 6.0' N. OF N. END. C.R. AND CURB IS CHISELED "S.D. 3018".

SEE F.B. 1392, 215-218 FOR R.M. ELEVS.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE # 310 3-61

F. B. 1391 PG. 21 D

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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 1-15-53 |
| Date * 21-19C = | Indexed C. Johnson |

F. B. 1391 Pg. 32

B.M. 149 L.A.CO. Rd. DEPT

COPPER DISC IN N. END OF ~~WEST~~ NORTH ABUT. N.W. COR. OF ROSECRANS AVE. & AVIATION BLVD.

L.A.Co. 1953 Adj. Elev = 81.651

B.M. 21-19 (INGLEWOOD C-12)

ROSECRANS AVE & AVIATION BLVD., A STANDARD COUNTY SURVEYOR BRASS DISK "INGLEWOOD C-12" SET IN CONCRETE 6 INCHES BELOW THE SURFACE ON R.R. R/W. OVER INTERSECTION 4.9 FEET SOUTHWESTERLY FROM S.W'LY RAIL AND 11.4 SOUTHEASTERLY FROM S.E'LY CONCRETE ABUTMENT.

L.A.Co. 1953 Adj. Elev. = 91.174

*21-19B =

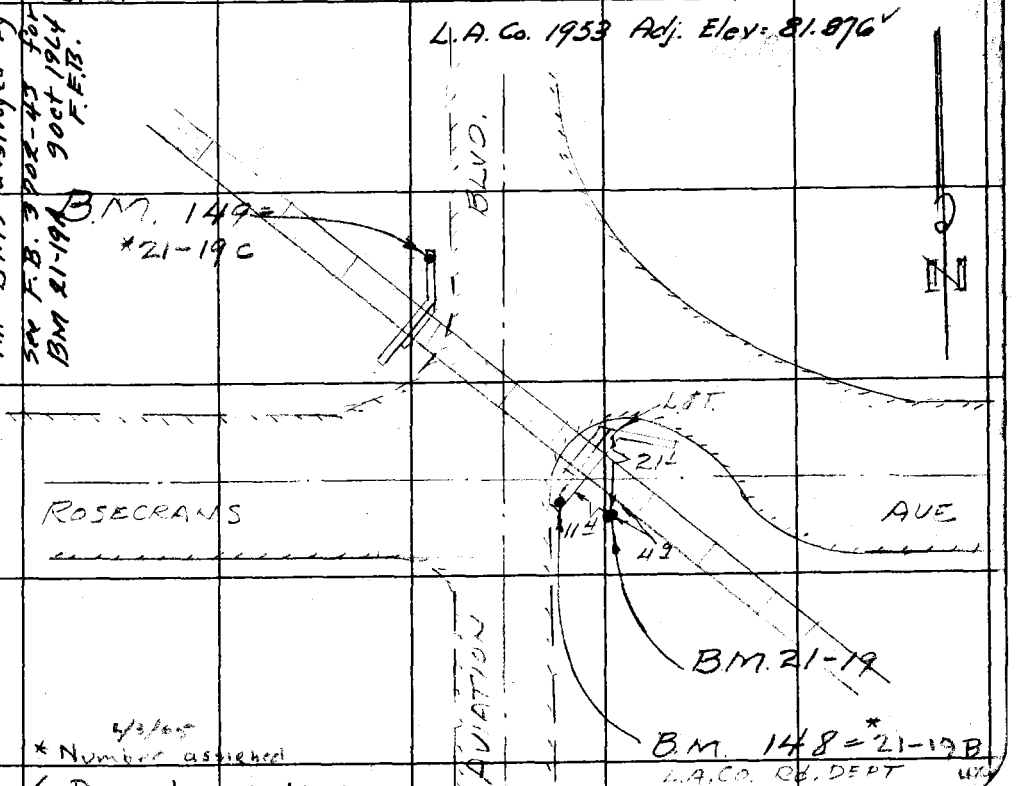
B.M. 148 L.A.CO. RD. DEPT.

COPPER DISC IN S. END OF WEST ABUT. S.E. COR. OF ROSECRANS AVE AND AVIATION BLVD.

L.A.Co. 1953 Adj. Elev = 81.876

All BMs destroyed by new const.

See F.B. 3902-43 for BM 21-19A 9 Oct 1964 F.E.B.




* Number assigned for Description & position along line 162

4/3/65

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51

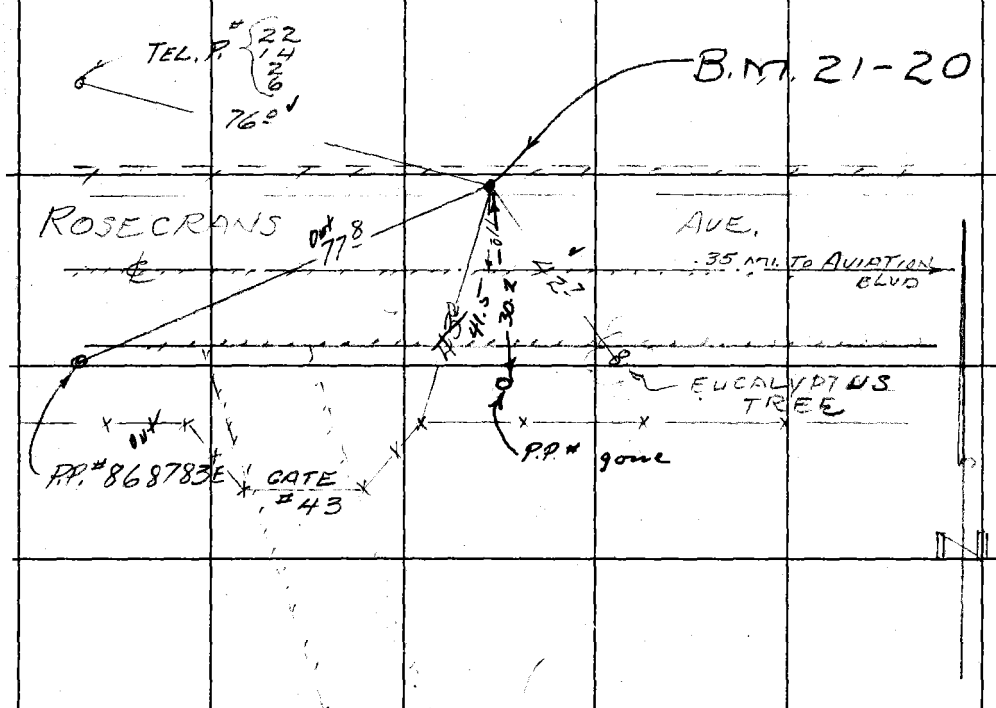
F. B. 1391 PG. 24

B.M. 21-20 (INGLEWOOD B-12)
ROSECRANS AVE., .35 MILE WEST OF AVIATION BLVD. (1858 FT.) OPPOSITE STANDARD OIL CO. GATE No. 43, A ~~STANDARD~~ L.A. COUNTY ~~SURVEYOR~~ Survey Control System 4" Brass TRAVERSE STATION Stamped "INGLEWOOD B-12" RE 2177 1942 SET IN CONCRETE 12 INCHES DEEP 76.0 FT. S.E'LY FROM TEL. POLE # 22-14-2-6, ~~77.8~~ 30.2 FT. N.~~E'LY~~ FROM POWER POLE # ~~868783E~~ gone, AND 42.7 FT. N.W'LY FROM A 18 INCH EUCALYPTUS TREE IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

F.E.B. 9 Oct 1964

L.A. Co. 1953 Adj. Elev = 111.439

B.M. 21-20 destroyed during street construction. Not recovered. Set B.M. 21-20A, F.B. 3702-45
8-May-'70 [illegible]

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| Checked | Notes G.E. DREIER Date 1-15-53 |
| Date | Indexed A. O. Johnson |

E.B. 1391 Pg. 25

11"

B.M. 21-21 (INGLEWOOD A-12A)

ROSECRANS AVE 0.15 MILE EAST OF SEPULVEDA BLVD., NEAR SANTA FE R.R. SPUR LINE, A ~~STANDARD~~ L.A. COUNTY ~~SURVEYOR~~ Survey Control System 4" Brass disk Stamped TRAVERSE STATION "INGLEWOOD A-12A" 1942 RE 2177 SET IN CONCRETE 11 INCHES BELOW THE SURFACE, 9.7 FT. N. OF ℄ ROSECRANS AVE, 68.3 WEST OF WESTERLY RAIL, AND 29.0 N.W'LY FROM NORTHERLY CORNER OF CONCRETE BASE OF R.R. WARNING WIG WAG, IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

L.A.Co. 1953 Adj. Elev. = 116.479

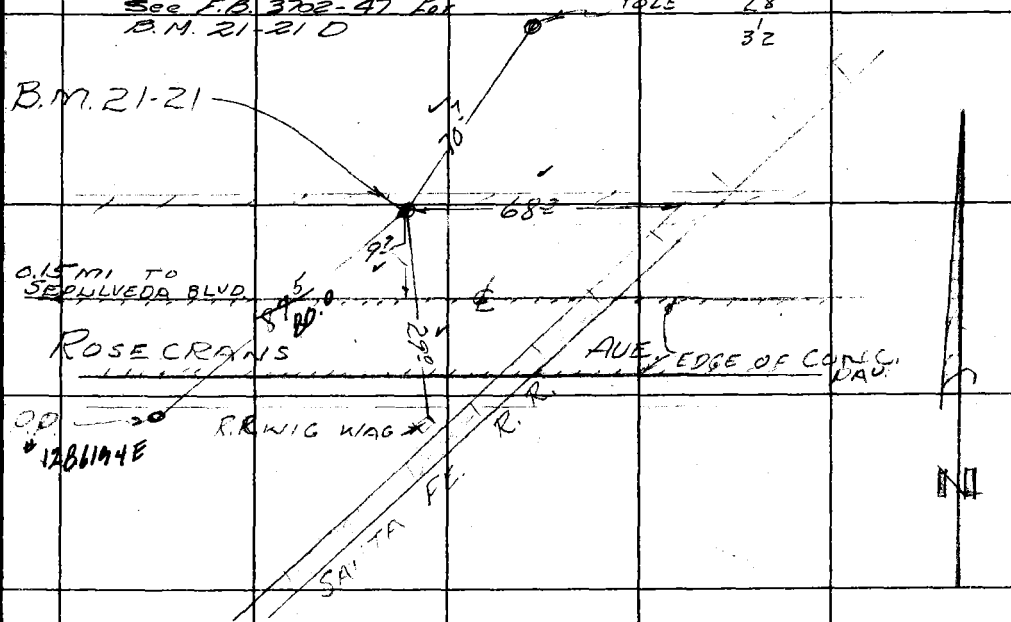
Not Recovered: 8-May-70 [illegible]

See F.B. 3702-47 for B.M. 21-21 D

F.E.B. 9 Oct 1964

See F.B. 3702-49 for BM 21-21 A

BM 21-21 B & BM 21-21 C

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76F309S 247 2-51

F.B. 1391 PG. 26

B.M. 21-22 (INGLEWOOD A-12B)

ROSECRANS AVE AND OAK AVE, A ~~STANDARD~~ L.A. COUNTY TRAVERSE ~~STATION~~ Control System 4" Brass Disk

stamped "INGLEWOOD A-12B" 1942 SET IN CONCRETE 11 INCHES BELOW THE SURFACE, 18.0 FT S.W. OF A LEAD AND TACK AT ℄ INTERSETION, ~~29.5~~ 54.4 FT N.W. OF A FIRE HYDRANT AND 16.7 FT N.E. FROM POWER POLE # 438790E, IN A WELL 1 FOOT OFF SOUTH EDGE OF CONCRETE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

L.A. Co. 1953 Adj. Elev = 169.118

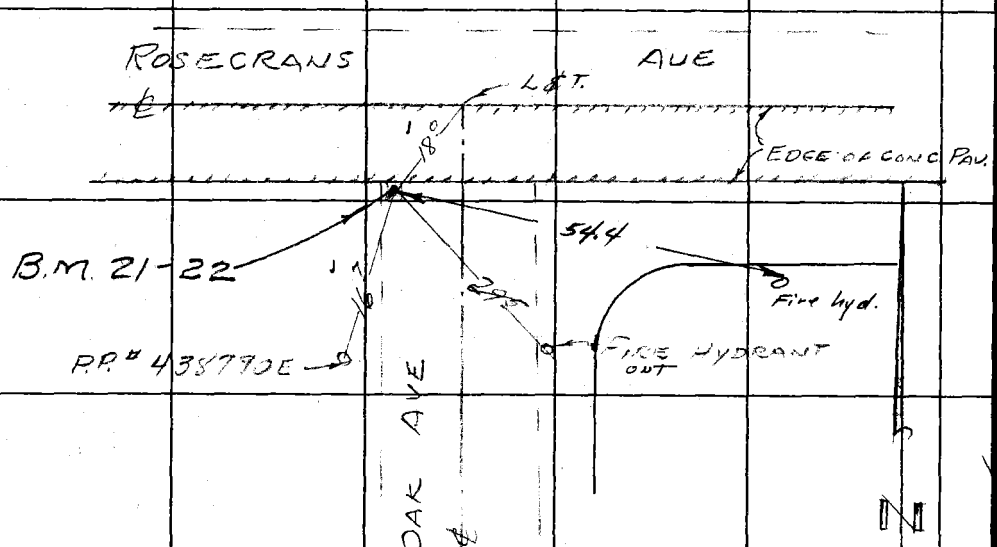
F.E.B. 13 Oct 1964

Note R.F. No. has been chisled off.

See F.B. 3702-53 for BM 21-22A

See F.B. 3702-51 for B.M. 21-22B D

JDR 8-May-70

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| Checked | Notes G.E. DREIER Date 1-15-53 |
| Date | Indexed E. C. Johnson |

F.B. 1371 PG. 27

11"

F.B. 13 Oct 1964

B.M. 21-23

ROSECRANS AVE AND FLOURNEY ~~AVE~~ RD

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

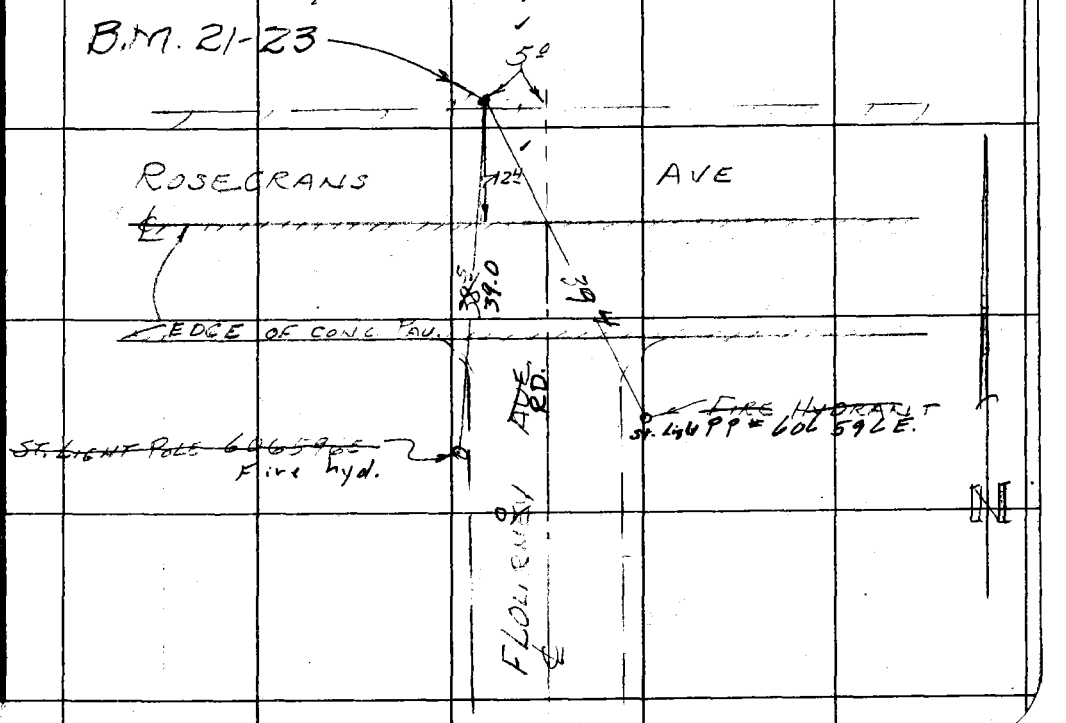
MARKED "B.M. 21-23 1952 R.E.63" SET IN CONCRETE 11 INCHES BELOW THE SURFACE, 12.4 NORTH OF THE ℄ OF ROSECRANS AVE, AND 5.0 WEST OF THE ℄ OF FLOURNEY AVE, IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

L.A. Co. 1953 Adj. Elev. = 115.826

The mark is 39.0 ft N'ly of a fire hyd.

and 39.4 ft. N.W. of ~~P.P.~~ St. Light P.P. # 606596E.

B.M. 21-23 Not recovered, destroyed during street construction. See F.B. 3702-55 for B.M. 21-23A. JBB 8-May-'70

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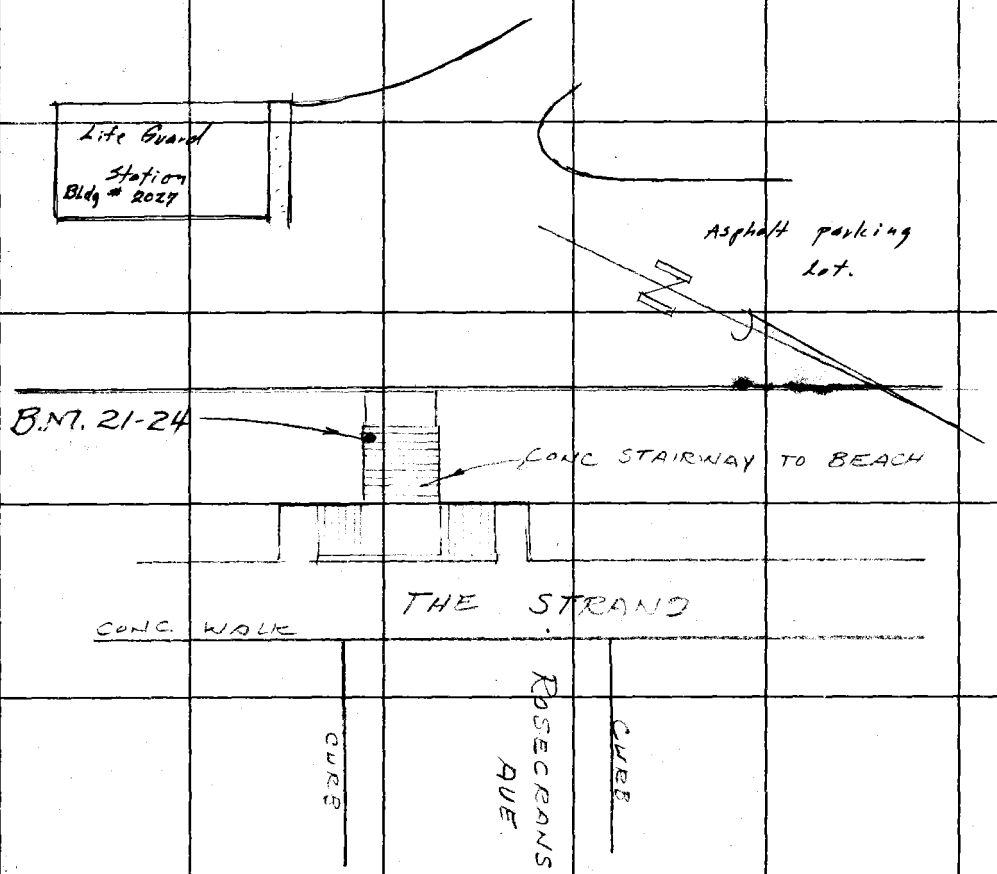
76F309S 247 2-51

F. B. 1391 PG. 28

FEB 13 Oct 1964

B.M. 21-24 (U.S. 3646 Y-614)
AT MANHATTAN BEACH, AT THE S.W.
END OF ROSECRANS AVE, ~~N.E. OF THE (ABANDONED)~~
~~P.E.Ry TRACK~~, AT THE FOOT OF THE CONC.
STEPS LEADING TO THE BEACH, IN THE TOP OF
THE 2ND STEP AND 0.5' N.W. OF THE ~~N.E.~~ S.E.
END. A ~~STD~~ U.S.C&G.S. 4" Brass Bench Mark DISK, STAMPED Y-614 1941"
L.A. Co. 1953 Adj. Elev.: 27.579

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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 1-15-53 |
| Date | Indexed S. C. Johnson |

F. B. 1311 Pg. 29

F.E.B. 14 Oct 64

B.M. 21-25 (R.M. #3 TORRANCE 8-1)

AT MANHATTAN BEACH, NEAR THE STRAND AND 32ND ST., A ~~STANDARD~~ L.A. Co. Survey Control System ~~TRAVERSE STATION~~ 4" Brass Disk REFERANCE ~~MONUMENT~~ SET IN CONCRETE post & 12" sq. FLUSH WITH THE SURFACE, 64.8 FEET WESTERLY FROM THE WESTERLY EDGE OF THE CONCRETE WALK PARALLELING THE BEACH, AND 49.5 FEET NORTHERLY FROM THE WESTERLY PROLONGATION OF THE N'LY EDGE OF CONCRETE STEPS LEADING TO BEACH.

Stamped TORRANCE 8-1 RM 3 RE 21-77 1940

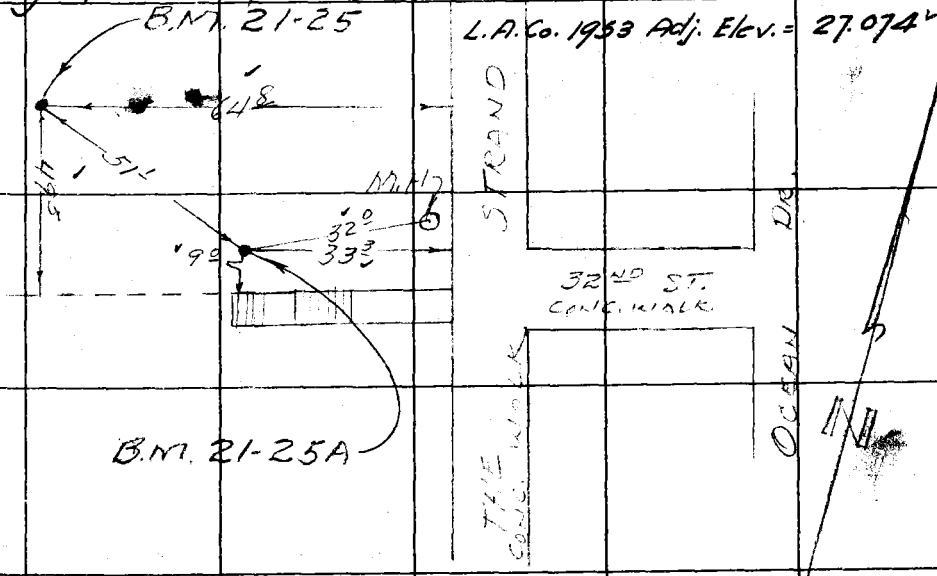
L.A. Co. 1953 Adj. Elev. = 26.141'

B.M. 21-25A (R.M. #1 TORRANCE 8-1)

AT MANHATTAN BEACH, NEAR THE STRAND AND 32ND ST, A ~~STANDARD~~ L.A. Co. Survey Control System ~~TRAVERSE~~ 4" Brass Disk ~~STATION~~ REFERENCE ~~MONUMENT~~ Disk SET IN CONCRETE 2 FEET BELOW THE SURFACE, 33.3 FEET WESTERLY FROM WESTERLY EDGE OF THE CONCRETE WALK PARALLELING THE BEACH AND 9.0 FEET NORTHERLY FROM THE N'LY PROLONGATION OF THE N'LY EDGE OF CONCRETE STEPS TO THE BEACH.

Stamped TORRANCE 8-1 RM #1 RE 21-77 1939

L.A.Co. 1953 Adj. Elev. = 27.074'




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

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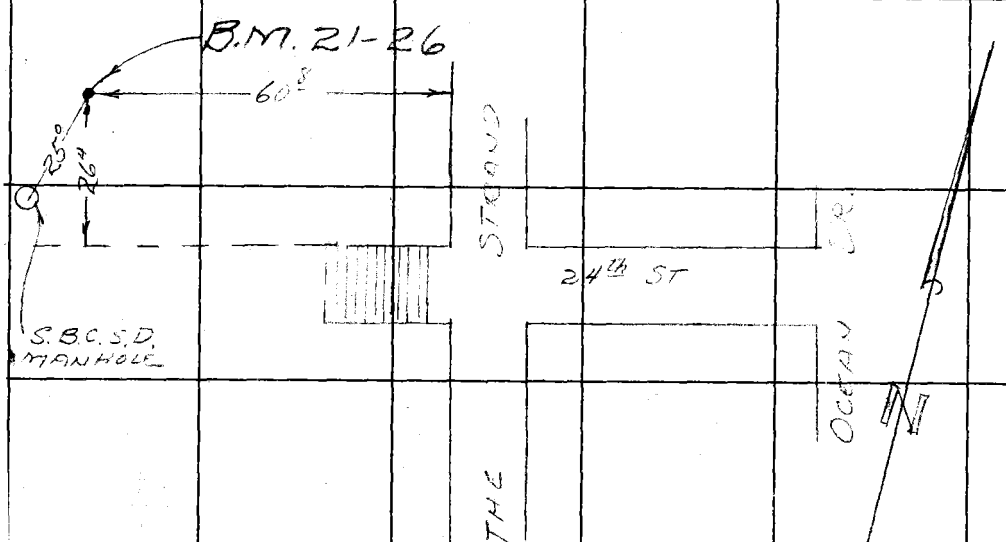
76F309S 247 2-51

F. B. 1391 PG. 30

B.M. 21-26 (U.S. 3647) (TORRANCE C-1A)
AT MANHATTAN BEACH, ON THE P.E.RY
AT THE S.W. END OF 24TH ST, AT THE FOOT
OF THE CONC. STEPS LEADING TO THE BEACH,
52.5' W. OF THE CENTER OF THE BOTTOM STEP,
25' N. OF THE CENTER OF A CIRCULAR CONCRETE
SEWER M.H, ~~AND 7.7' S. W. OF THE ℄ OF THE~~
~~TRACK~~. A L.A. CO. SURVEY CONTROL SYSTEM
STD TRAVERSE-STATION DISK, STAMPED
"TORRANCE C-1A 1987 RE. 2177" AND SET
IN THE TOP OF A CONC. POST ABOUT FLUSH
WITH THE GROUND.

L.A.Co. 1953 Adj. Elev= 24.690

See F.B. 3702-65
for new description
F.E.B. 14 Oct 1964

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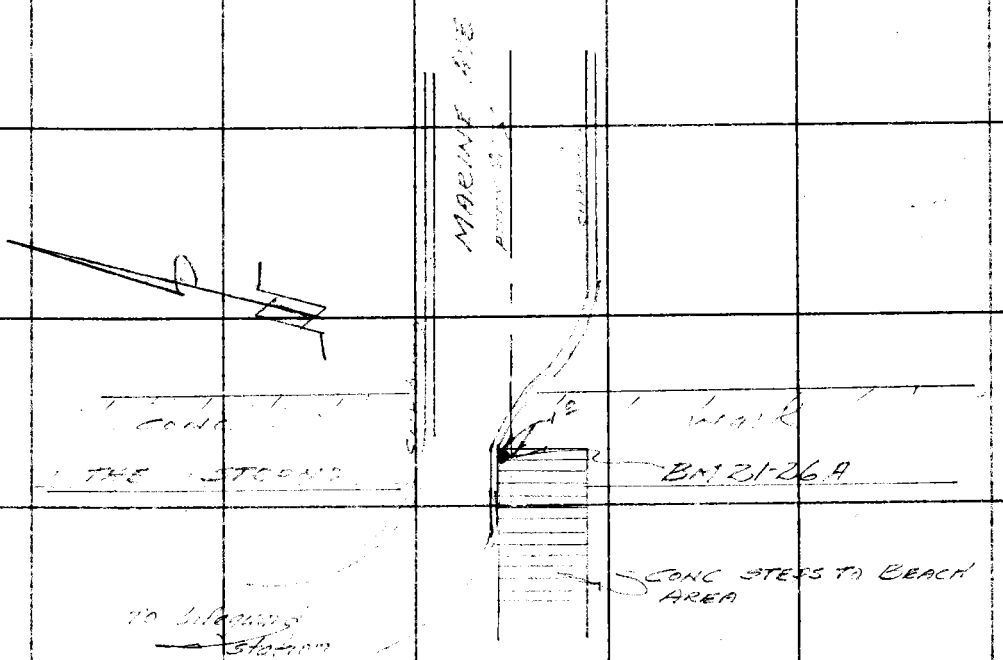
| | | |
|---|---|---|
| Notes Ck'd by | Surveyed by A. CO. PRECISE LEVEL NE | F. B. 1391 Pg. 30 A |
| Map No. | JN 0301.02 Tape Std °F | |
| Office Work | Surveyed by A.C. GUIZADO | |
| Checked | Notes ACG Date 6/20/60 | |
| Date | Indexed H. E. OTT MAY 2 '61 | |

BM 21-26A (USC&GS J1052 1960)
MANHATTEN BEACH AT THE WEST END OF MARINE AVE AT THE STRAND ON THE NE COR OF CONC STEPS TO BEACH AREA ON FIRST STEP BELOW CONC. WALK & 1° N. OF ℄ MARINE AVE — Fd A USC&GS 3½" BM DISK MK'd "J1052 1960" SET FLUSH WITH STEP

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76F309S S&E #247 11-58

F. B. 1391 PG. 305

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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 2-17-53 |
| Date | Indexed E. O. Johnson |

F.B. 1391 PG. 31

BM 21-27
Removed by constr.
F.E.B. 10-14-64

B.M. 21-27 (U.S. 3649) (R.M. #2 TORRANCE C-2)

AT MANHATTAN BEACH, AT THE N. COR. OF THE XING ~~OF THE P.E.RR~~ AND CENTER ST, 40.8' N.W. OF THE ℄ OF THE ST, ~~29.5' N.E. OF THE ℄ OF THE TRACK~~, 3' S.W. OF THE S.E. END OF A CONCRETE GUARDRAIL AT THE S.W. EDGE OF THE CONC. WALK PARRELLING THE BEACH, AND 0.8' N.W. OF THE N.W. EDGE OF THE SIDEWALK PARRELLING THE ST. A L.A. CO. SURVEY CONTROL SYSTEM STD REF.-MARK DISK, STAMPED "TORRANCE C-2 R.M. NO 2 1939 RE 2177" AND SET IN TOP OF A CONC. POST ABOUT FLUSH WITH THE GROUND

L.A. Co. 1953 Adj. Elev: 23.528

BM 21-28 See F.B. 3702-69 for new descrip. F.E.B. 10-[illegible]

B.M. 21-28 (U.S. 3648) (TORRANCE C-2)

AT MANHATTAN BEACH, ~~AT THE CENTER OF THE~~ XING OF THE ~~P.E.RR~~ AND CENTER ST, A L.A. CO. SURVEY CONTROL SYSTEM STD TRAVERSE STATION DISK, STAMPED "TORRANCE C-2 RE 2177 1939" AND SET IN THE TOP OF A CONCRETE POST ABOUT 1' UNDER GROUND, ACCESS TO WHICH IS HAD THRU AN 8" IRON PIPE BEARING A COVER MARKED "COUNTY SURVEYOR MONUMENT."

L.A. Co. 1953 Adj. Elev: 22.084

BM 21-29 See F.B. 3702-69 for new descrip. F.E.B. 10-14-64

B.M. 21-29 (U.S. 98) (U.S.G.S. 20)

AT MANHATTAN BEACH, AT THE E. COR. ~~OF THE XING OF THE P.E.RY~~ AND CENTER ST, 43.5 S.E. OF THE ℄ OF THE STREET, ~~30.5' N.E. OF THE ℄ OF THE TRACK~~ AND 1.8' S.W. OF A POINT 4' S.E. OF THE S. END OF A CONCRETE GUARD RAIL AT THE S.W. EDGE OF THE SIDE WALK PARRELLING THE BEACH, A U.S.G.S. STD. TRIANGULATION STATION DISK, STAMPED "20 1922" AND SET IN THE TOP OF A CONCRETE POST ABOUT FLUSH WITH THE GROUND.

L.A. Co. 1953 Adj. Elev: 23.679

NOT RECOVERED PROBABLY DESTROYED 7-30-73 G.E. DREIER

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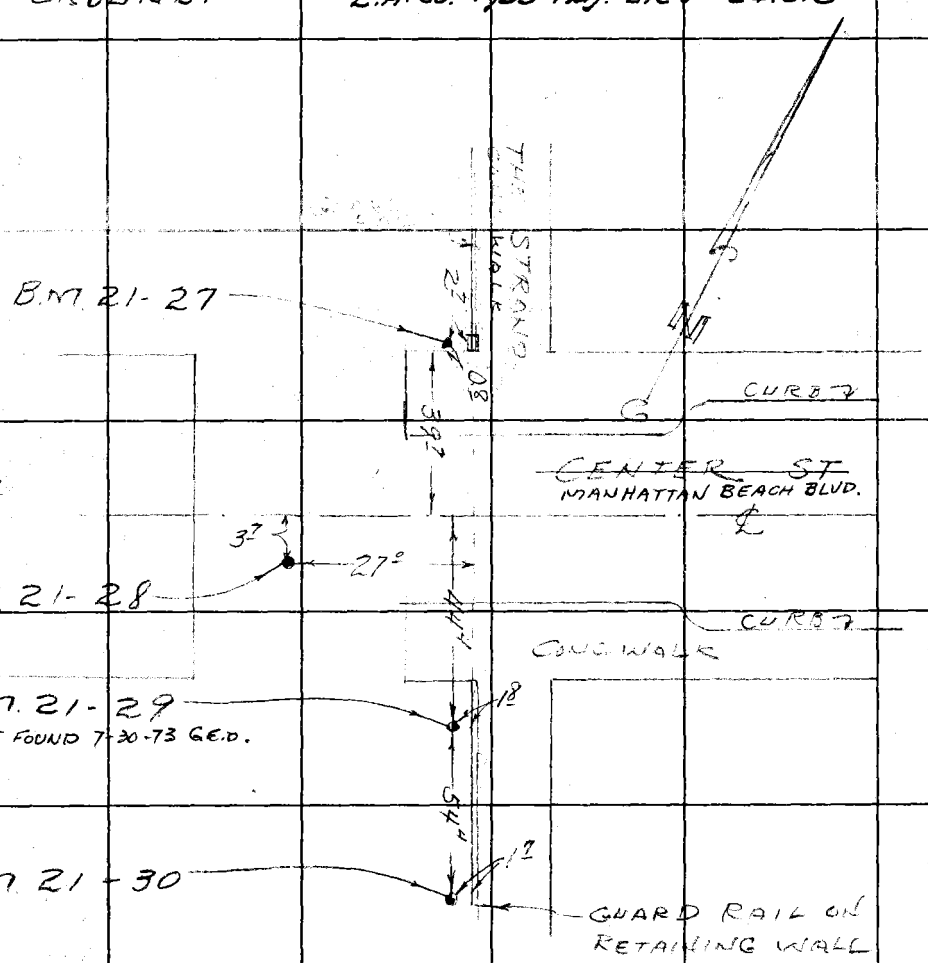
76F3095 247 2-51

F. B. 1391 PG. 32

BM 21-30 see F.B. 3702-69 for new descrip. F.E.B. 10-14-64

B.M. 21-30 (U.S. 1279 S-50)

NEW DESCRIPTION - AT MANHATTAN BEACH, AT THE E. COR. OF THE ~~KING OF RE.RY~~ AND CENTER ST, 98.5' S.E. OF THE ℄ OF THE ST. 58.7 S.E. OF THE N.W. END OF A CONC. GUARDRAIL AT THE S.W. EDGE OF THE SIDEWALK PARALLELING THE BEACH, ~~30.5' N.E. OF THE ℄ OF THE TRACK~~, AND 1.7' S.W. OF A CONC. RETAINING WALL, A STD. DISK STAMPED "S 50 1925" AND SET IN THE TOP OF A CONC. POST PROJECTING ABT. 0.5' ABOVE GROUND. L.A. Co. 1953 Adj. Elev = 24.018'

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|---|---|
| Notes Ck'd by | Survey of L.A.Co. PRECISE LEVEL NET |
| Map No. | W. O. 4923 Tape No. St'd. °F |
| Office Work | Surveyed by G.E. DREIER |
| Checked | Notes G.E. DREIER Date 2-17-53 |
| Date | Indexed A. O. Johnson |

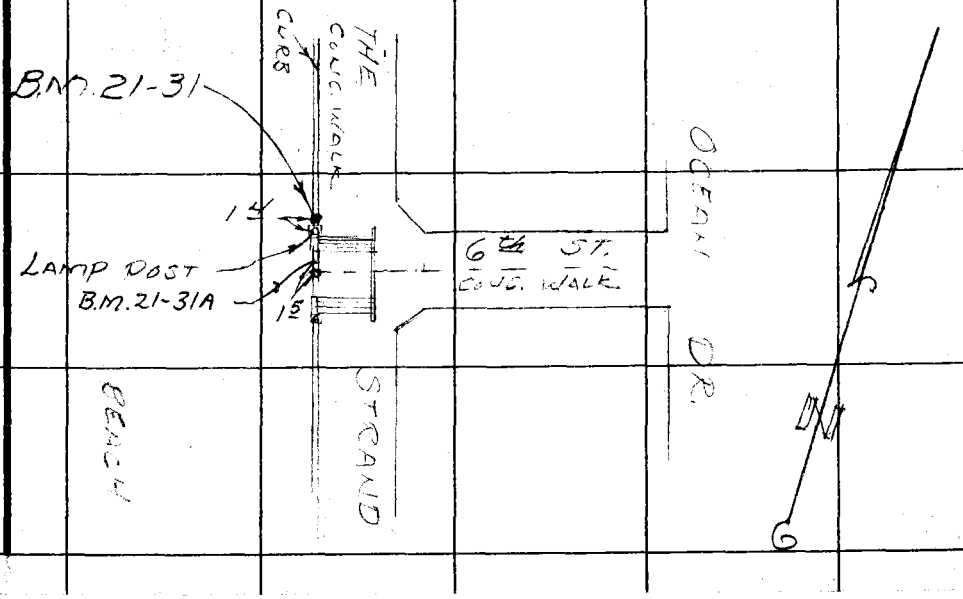
F.B. 1391 PG. 33

B.M. 21-31 (U.S. 3804 C-768)
AT MANHATTAN BEACH, NR. THE INTERSEC. OF OCEAN DR. AND 6TH ST., 115.6 S.W. OF THE S.W. EDGE OF OCEAN DR., 5' N.W. OF THE N.W. EDGE OF THE 6TH ST. PAVEMENT, IN THE S.W. CURB OF A SIDEWALK, AND ABOUT 7" HIGHER THAN THE SIDEWALK, A STD. DISK, STAMPED "C-768 1945"

L.A.Co. 1953 Adj. Elev.: 27.272

See F.B. 3702-71 for new description
FEB 14 Oct 1964

NOT RECOVERED, OBVIOUSLY DESTROYED, NO STAIRWAY, NEW CURB, 7-30-73, G.E.D.
SEE F.B. 3702-71 FOR B.M. 21-31A

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76F309S 247 2-51

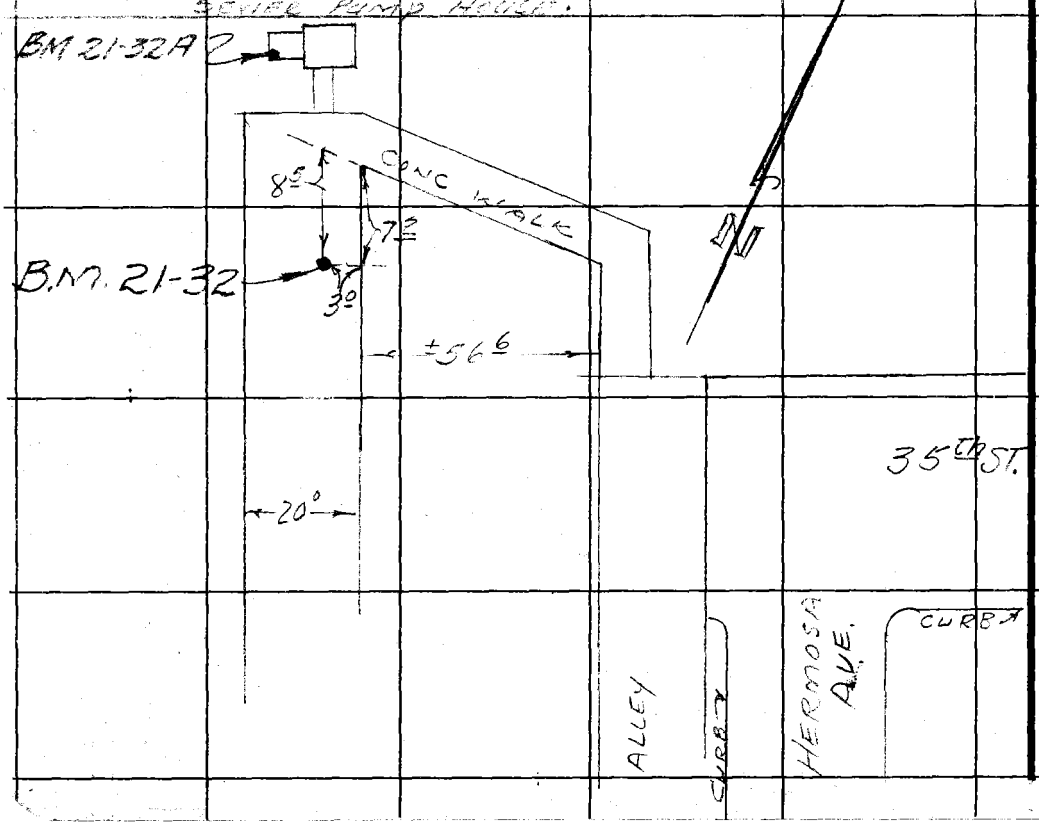
F. B. 1391 PG. 34

See F.B. 3702-73 for new description
F.E.B. 15 Oct 1964

B.M. 21-32 (TORRANCE D-3)
HERMOSA "BEACH", ON THE STRAND NEAR THE INTERSECTION OF HERMOSA AVE AND 35TH ST, A STANDARD COUNTY TRAVERSE STATION MONUMENT "TORRANCE D-3" 48 INCHES BELOW THE SURFACE, 3.3 FEET S.W.'LY FROM THE N.E.LY. EDGE OF THE CONCRETE WALK PARALLELING THE BEACH AND 8.5 FEET S.E.'LY. FROM THE WESTERLY PROLONGATION OF THE SOUTH EDGE OF THE CONCRETE WALK LEADING FROM THE STRAND TO HERMOSA AVE, IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

L.A. Co. 1953 Adj. Elev = 10.465

BM 21-32A
SET A Lg BT SPK IN S'WLY COR. OF CONC. [illegible] TO SEWER PUMP HOUSE.

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|---|---|
| Notes Ck'd by | Survey of L.A.Co. PRECISE LEVEL NET |
| Map No. | W. O. 4723 Tape No. St'd. °F |
| Office Work | Surveyed by C.E. DREIER |
| Checked | Notes G.E. DREIER Date 2-17-53 |
| Date | Indexed B. C. Johnson |

F.B. 1391 PG. 35

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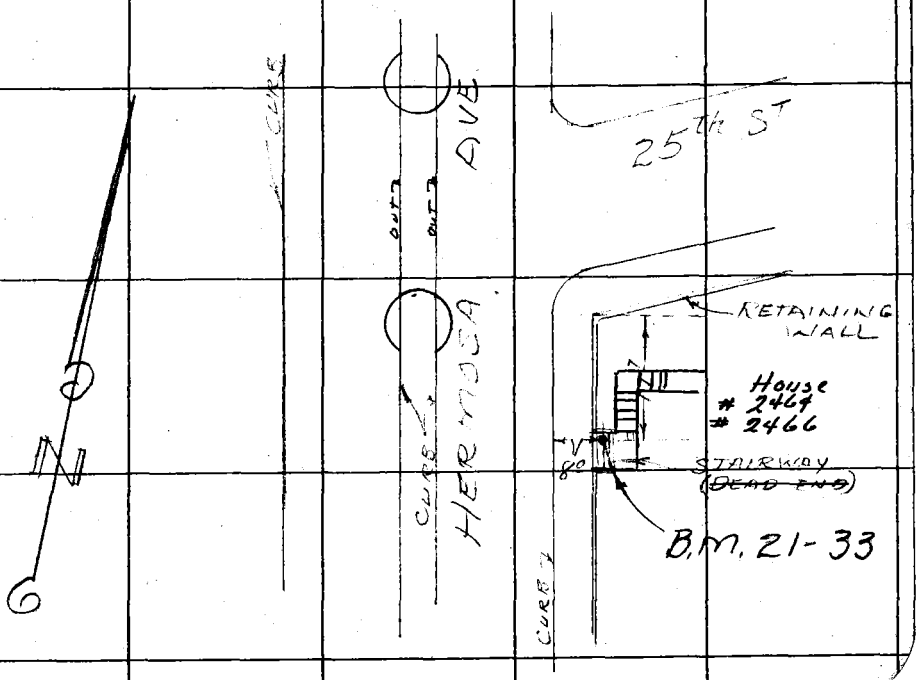
15 Oct 1964

FEB

B.M. 21-33 (U.S. 3805 Z-767)
AT HERMOSA BEACH, AT THE SE. COR
OF THE INTERSEC. OF HERMOSA AVE. AND
25th ST, ~~8' N.E. OF THE N.E. CURB OF THE~~
~~AVENUE, 24.8' S.E. OF THE S.E. CURB OF~~
~~THE ST,~~ IN THE ~~LOWEST~~ 1st. step ~~ONE~~ OF A ~~SET~~
~~OF~~ CONCRETE ~~STEPS~~ stairway To house # 2464-2466 AND ABOUT 8"
HIGHER THAN THE SIDEWALK, A ~~STA~~ USC&G.S.
4" Brass Bench Mark
DISK, STAMPED Z-767 1945
L.A.Co. 1953 Adj. Elev = 23.477




76F309S 247 2-51

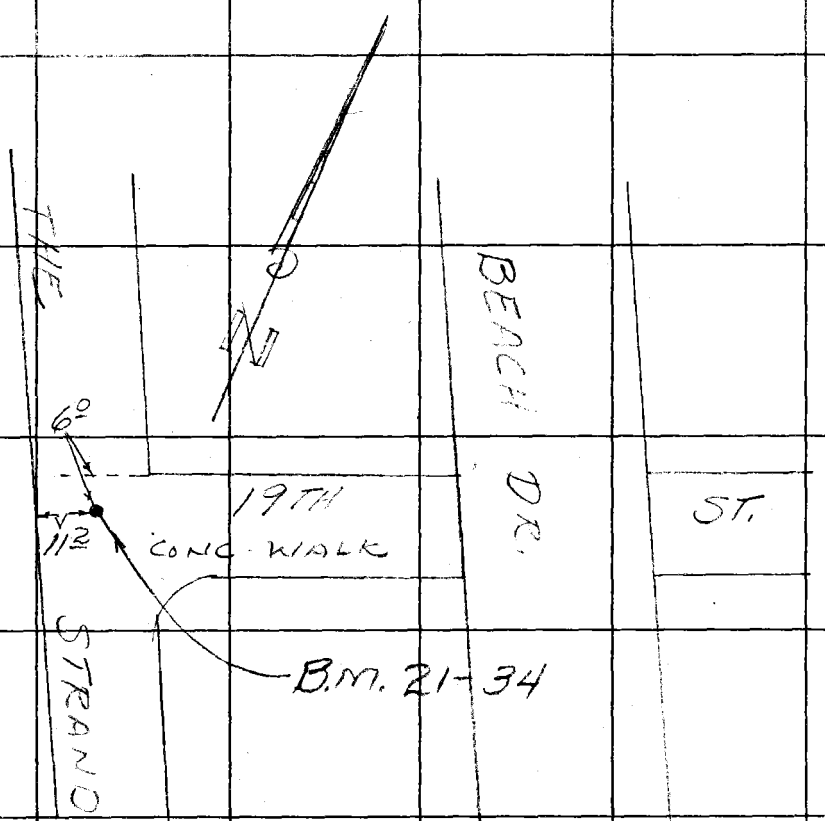
F. B. 1391 PG. 36

B.M. 21-34 (TORRANCE D-4)

HERMOSA BEACH IN THE INTERSECTION OF 19th ST. AND THE STRND A ~~STANDARD~~ L.A. Co. Survey Control System 4" Brass ~~COUNTY SURVEYOR~~ TRAVERSE ~~STATION~~ Disk ~~MONUMENT~~ Stamped "TORRANCE D-4" RE 2177 1939 9 INCHES BELOW THE SURFACE, 6.0 FT. SOUTHERLY FROM THE NORTHERLY EDGE OF CONCRETE WALK IN 19th ST. PRODUCED WESTERLY AND 11.2 FT. EASTERLY FROM THE WESTERLY EDGE OF THE STRAND IN A WELL CUT THROUGH THE WALK AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

L.A. Co. 1953 Adj. Elev.: 13.150

FEB 15 Oct 1964

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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 2-17-53 |
| Date | Indexed A. O. Johnson |

F. B. 1391 Pg. 37

B.M. 21-35 (U.S. 1280 T-50)
AT HERMOSA BEACH, AT THE ~~S.~~ S.W. COR OF THE INTERSECTION OF HERMOSA AVE. AND 13TH ST ~~ABT. 140' N.W. OF CITY HALL~~, AT A LARGE 2-STORY GRANITE BLDG. OCCUPIED BY THE HERMOSA THEATRE, IN THE N.E. FACE OF THE BUILDING, 2' ~~S.E.~~ S.W. OF THE N.W. COR. AND ABOUT ~~1.5'~~ 1.9' ABOVE THE SIDEWALK. A ~~STD~~ U.S.C.&G.S. 4" Brass Bench Mark DISK, STAMPED "T 50 1926" ~~AND~~ Mark is SET VERTICALLY.

L.A.Co. 1953 Adj. Elev. = 15.525'

FEB. 15 Oct 1964

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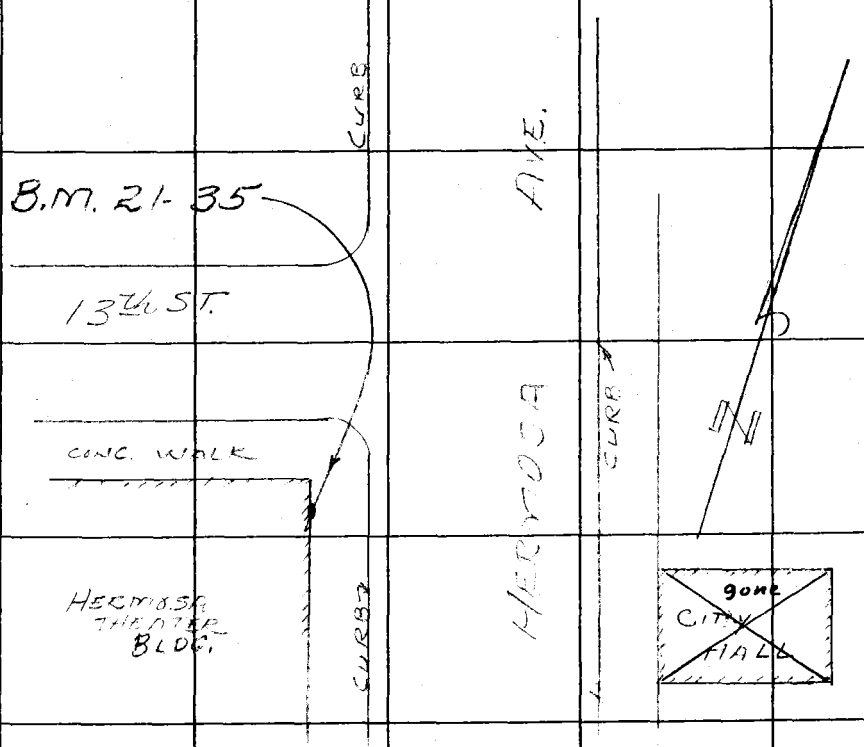



76F309S 247 2-51

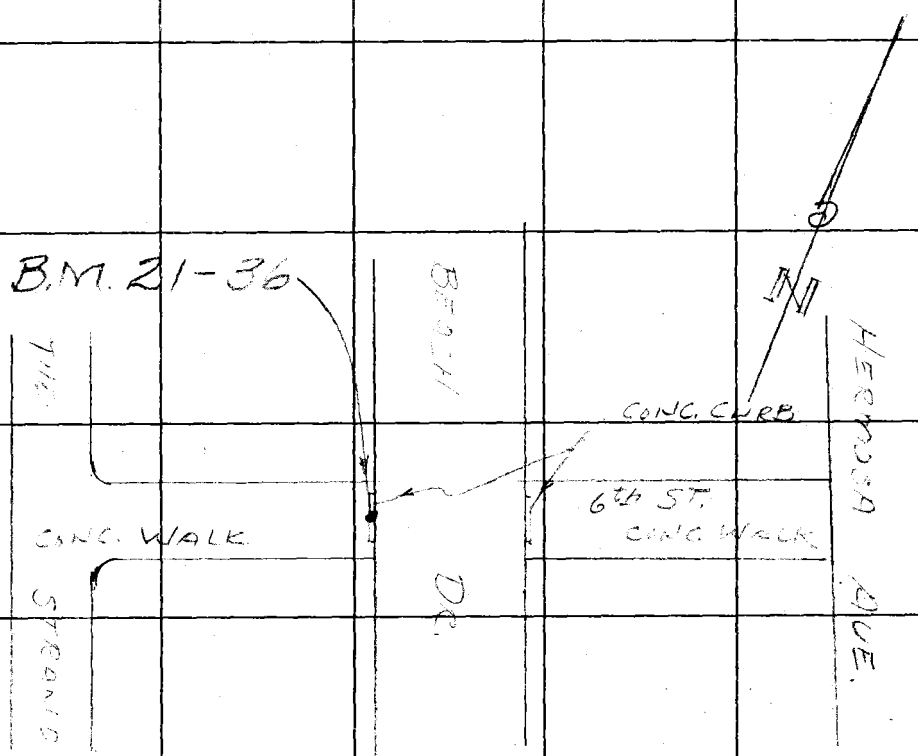
F. B. 1391 PG. 38

B.M. 21-36 (U.S. 3806 Y-767)

AT HERMOSA BEACH, 259.4' S.W. ALONG THE PROLONGATION OF THE ℄ OF 6th ST. FROM THE S.W. CURB OF HERMOSA AVE. IN THE TOP OF A CONC. BLOCK, AND ABOUT 1½' HIGHER THAN THE PAVEMENT. A STD. DISK, STAMPED "Y 767 1945"

L.A. Co. 1953 Adj. Elev = 13.424

NOT RECOVERED 6/3/63 cab
OBVIOUSLY OUT, NEW CATCH BASIN

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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 2-17-53 |
| Date | Indexed A. C. Johnson |

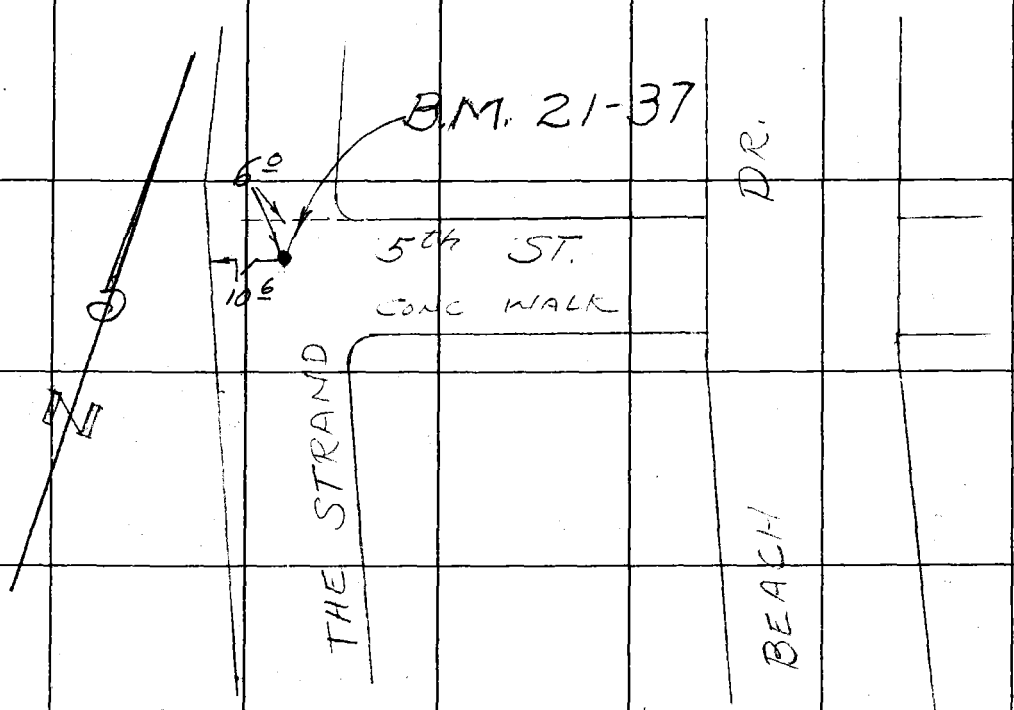
F. B. 139 Pg. 37

FEB 15 Oct 1964

B.M. 21-37 (TORRANCE E-6B)

HERMOSA BEACH, IN THE INTERSECTION OF 5th ST. AND THE STRAND, A ~~STANDARD~~ L.A. Co. Survey ~~COUNTY SURVEYOR~~ Control System 4" Brass TRAVERSE ~~STATION~~ Disk stamped TORRANCE E-6B" 1939 RE 2177 SET IN CONCRETE 9 INCHES BELOW THE SURFACE, 6.0 FEET SOUTHERLY FROM THE NORTHERLY LINE OF CONCRETE WALK ON 5th ST. PRODUCED WESTERLY AND 10.6 FEET EASTERLY FROM THE WESTERLY EDGE OF CONCRETE WALK (THE STRAND) IN A WELL CUT THROUGH THE WALK AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

L.A. Co. 1953 Adj. Elev. = 13.295

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76F309S 247 2-51

F. B. 1391 PG. 40

FEB 15 Oct 1964

B.M. 21-38 (TORRANCE E-6A)

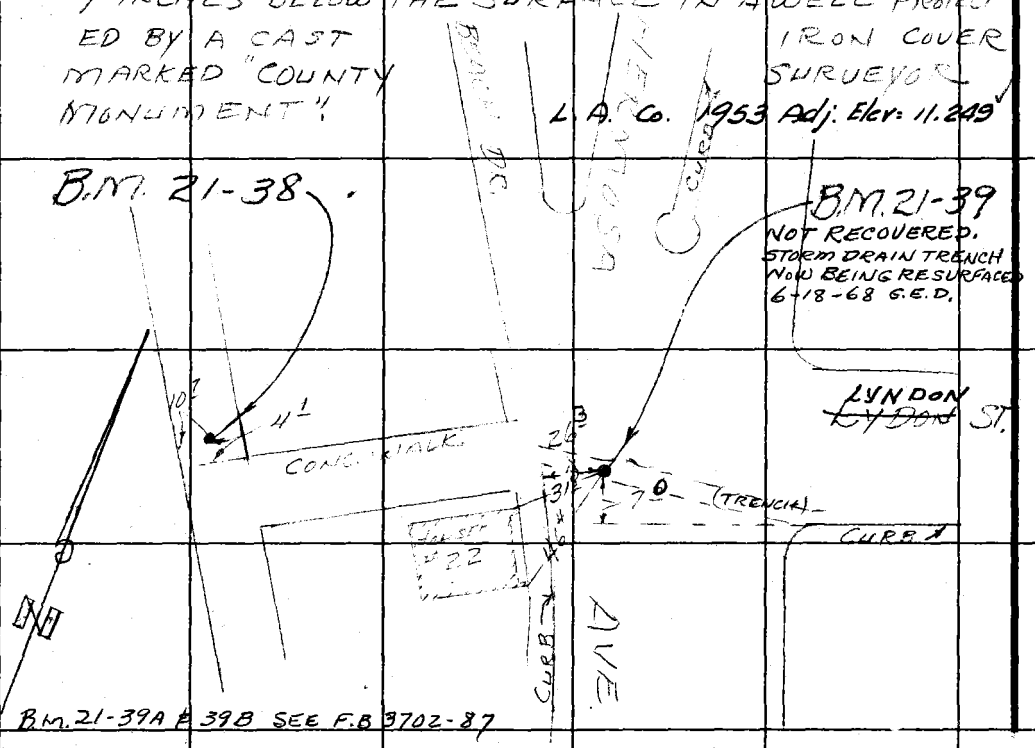
HERMOSA BEACH ON THE STRAND, AT ITS INTERSECTION WITH ~~LYDON~~ LYNDON ST., 10.7 FT EASTERLY FROM THE WESTERLY EDGE OF CONCRETE WALK ON THE STRAND AND 4.1 FT. NORTHERLY FROM THE WESTERLY PROLONGATION OF NORTHERLY EDGE OF CONCRETE WALK IN ~~LYDON~~ LYNDON ST, A ~~STANDARD COUNTY SURVEYOR~~ L.A. Co. Survey Control System 4" Disk stamped 1939 RE 2177 TRAVERSE ~~STATION~~ TORRANCE E-6A" 9 INCHES BELOW THE SURFACE IN A WELL CUT THROUGH CONCRETE WALK AND PROTECTED BY A CAST IRON COVER MARKED" COUNTY SURVEYOR MONUMENT"

L.A. Co. 1953 Adj. Elev: 13.799

B.M. 21-39 (TORRANCE E-6)

HERMOSA BEACH, IN THE INTERSECTION OF HERMOSA AVE. AND ~~LYDON~~ LYNDON ST. 26.3 FT. EAST OF THE WEST CURB OF HERMOSA AVE AND 7.0 FT. N OF THE WESTERLY PROLONGATION OF THE SOUTH CURB OF ~~LYDON~~ LYNDON ST. A ~~STANDARD COUNTY SURVEYOR~~ L.A. Co. Survey Control System Triangulation Disk stamped 1939 RE 2177 ~~TRAVERSE STATION~~ TORRANCE E-6" SET IN CONCRETE 9 INCHES BELOW THE SURFACE IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT".

L.A. Co. 1953 Adj. Elev: 11.249




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 C. E. DREIER |
| Checked | Notes C.E. DREIER Date 2-17-53 |
| Date | Indexed ~~A. C. Johnson~~ |

F.B. 1331 Pg. 41

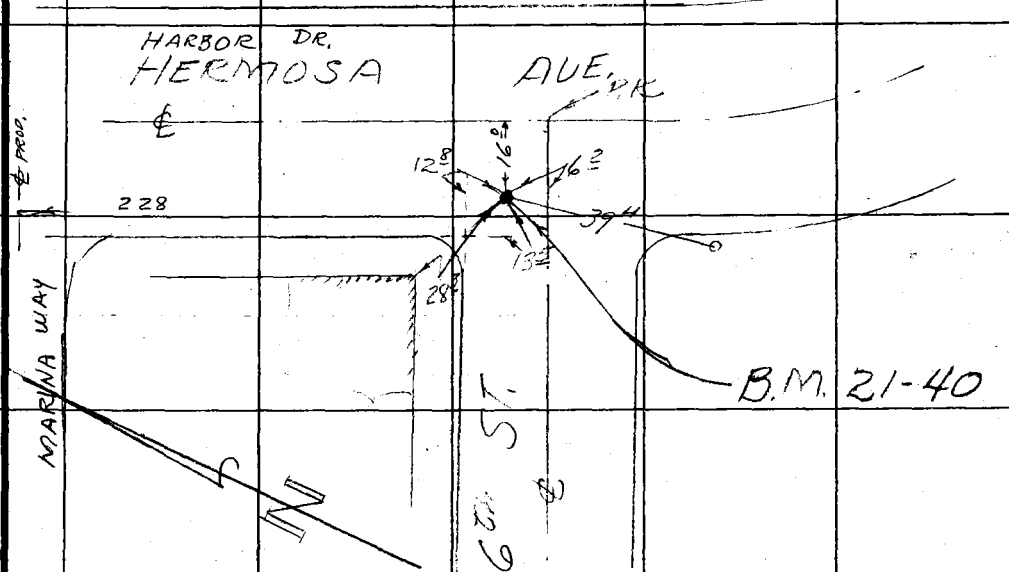
B.M. 21-40 (TORRANCE E-7A)

REDONDO BEACH, IN THE INTERSECTION OF 6th ST. AND HERMOSA AVE., 12.8 FT. SOUTHEASTERLY FROM THE NORTERLY CURB LINE ON 6th ST PRODUCED NORTHEASTERLY AND 13.5 FT. NORTHEASTERLY FROM THE WESTERLY CURB LINE OF HERMOSA AVE PRODUCED SOUTHEASTERLY, A STANDARD COUNTY SURVEYOR TRIANGULATION STATION "TORRANCE E-7A" SET IN CONCRETE 10 INCHES BELOW THE SURFACE IN A WELL AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT".

L.A.Co. 1953 Adj. Elev: 8.883

See F.B. 3702-09 for new description

F.E.B. 16 Oct 1964

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76F309S 247 2-51

F. B. _____ PG. 42

B.M. 21-41 (U.S. 3809) (TORRANCE E-7) (L.A.C.)

At Redondo Beach at the C.L. of HARBOR DR. 0.10 M. S'ly of BERYL ST. ~~Hermosa Ave. and 212.8 ft. N of the CL of 3rd St.~~, A L.A.C. Sur. Cont. System ~~Traverse Sta.~~ 4" Brass disk, stamped "~~TOR.~~ TORRANCE E 7 1939" and set in the top of a conc. post about 17" below the st. surface, access to which is had thru a cast-iron cover marked "County Surveyor Monument" RE 2177

L.A.Co. 1953 Adj. Elev = 15.605

16 Oct 1964

FEB

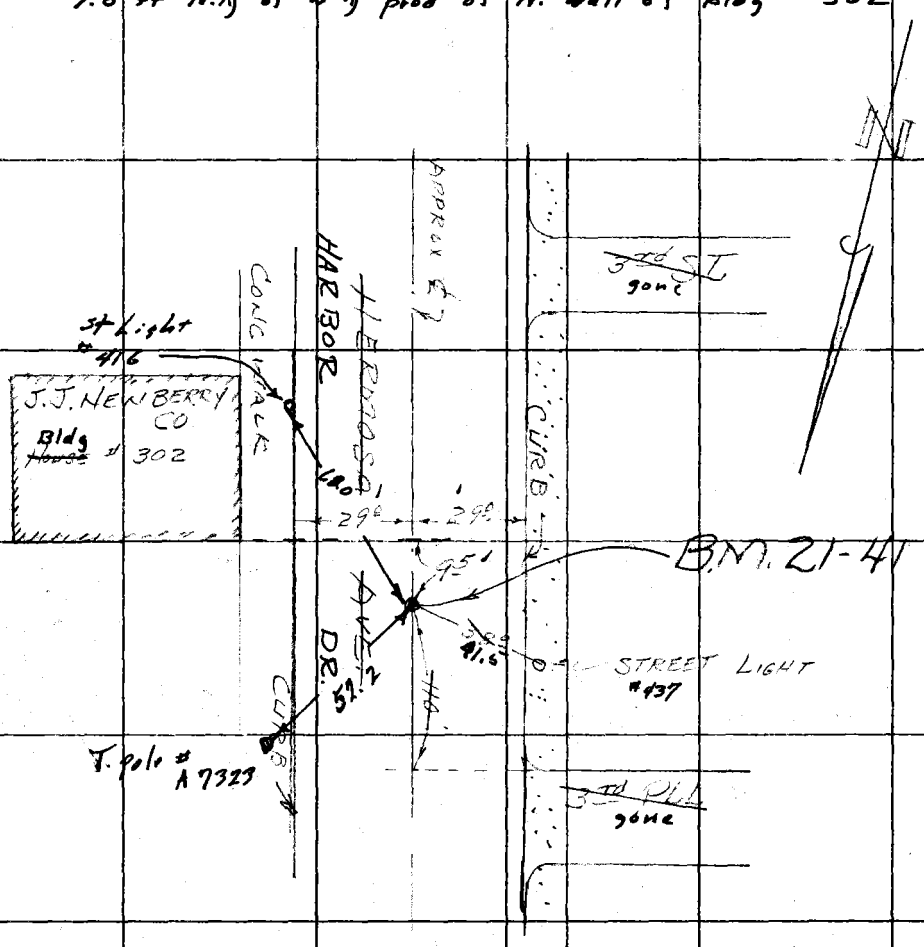
The mark is

41.5 ft S.E. of St. light # 437

52.2 " S.W. " T. pole # A 7323

68.0 " N.W. " St. light # 416

9.6 ft N'ly of W'ly prod of N. wall of bldg # 302

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| Notes Ck'd by | Survey of LA Co. PRECISE LEVEL NET |
| Map No. | W. O. 4923 Tape No. St'd. °F |
| Office Work | Surveyed by G. E. DREIER |
| Checked | Notes G. E. DREIER Date 2-17-53 |
| Date | Indexed A. C. Johnson |

F. B. 1391 Pg. 43

16 Oct 1964

F.E.B.

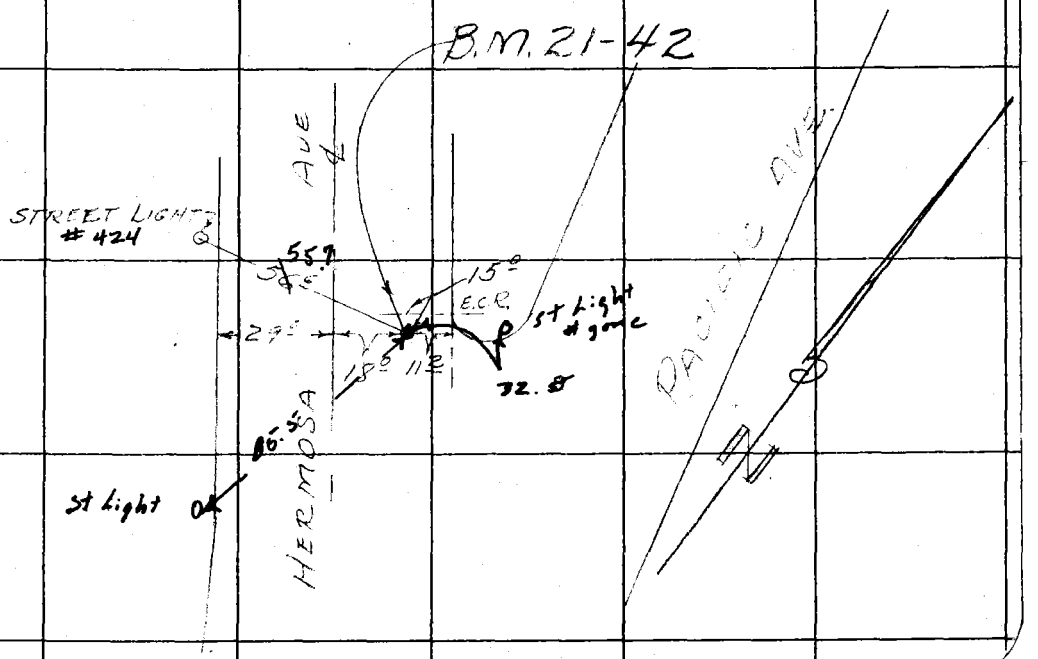
B.M. 21-42 (U.S. 3810) (TORRANCE F-7) (L.A.C.)

At Redondo beach near the intersect of ~~Hermosa~~ HARBOR DR. and Pacific Ave. (112 FT) W of the E curb of Hermosa Ave. ~~and 141' N of the center of the curb return at the intersec.~~ Proded S. and 15 FT. S. of S. END OB. RETURN A L.A.Co. Survey Control System ~~std.~~ 4" Brass Traverse disk, stamped Torrance F 7 1939" and set in the top of a Conc. post about 14 in below the st. surface, access to which is had thru a cast iron cover marked "County Surveyor Monument" RE2177

L.A. Co. 1953 Adj. Elev.: 17.865

The mark is

| | | | | | |
|---|---|---|---|---|---|
| 32.5 ft | W'ly | of | St. Light | # gone |
| 85.5 " | N.E. | " | " | " | " |
| 55.7 | E'ly | " | " | " | # 424 |

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726 LOS ANGELES COUNTY
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76F309S 247 2-51

F.B. 1391 PG. 44

B.M. 21-43 (U.S. 2780 TIDAL 1)

At Redondo Beach, nr the intersec. of Pacific Ave. & Emerald St. abt. 121' N of a public men's room attached to the C of C Bldg. (opps. the W end of Emerald St.) in the W face of a conc. wall paralleling the W curb of Pacific Ave., 3' W of the curb and abt. 0.4' lower than the top of the wall. The highest part of a copper bolt, stamped "1" & projecting abt. 0.3" from the wall.

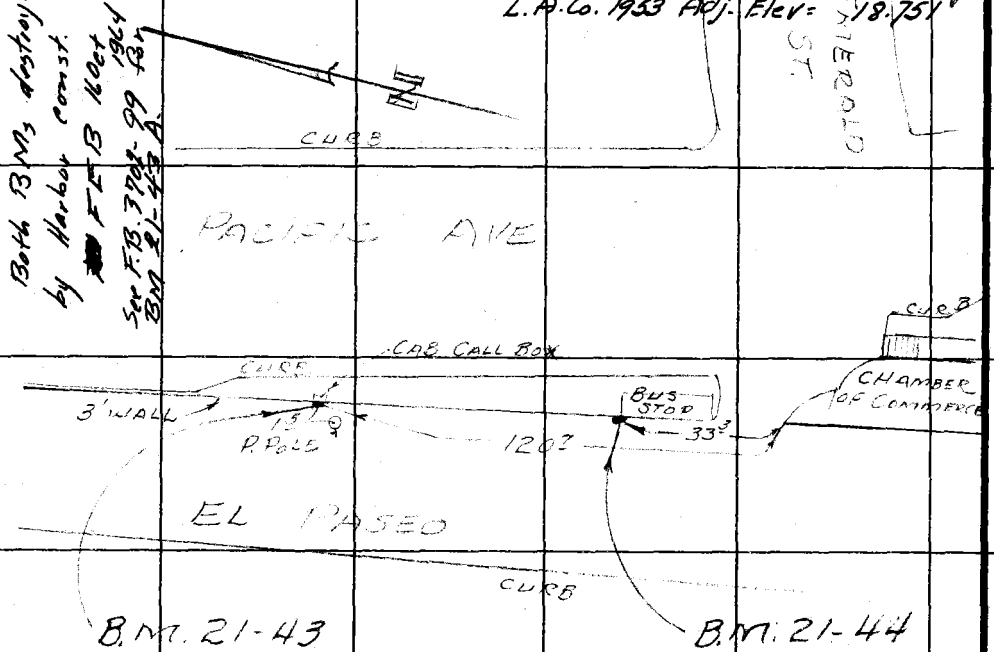
L.A.Co. 1953 Adj. Elev: 18.905

B.M. 21-44 (U.S. 2781 Tidal 2)

At Redondo Beach nr the intersec. of Pacific Ave. & Emerald St., 33.3' N of a public men's room attached to the C of C Bldg. (opp. the W end of Emerald St.) in the W face of a conc. wall paralleling the W curb of Pacific Ave., 3' W of the curb & abt 0.3' lower than the top of the wall, the highest part of a copper bolt stamped "2" & projecting abt 0.3" from the wall.

L.A.Co. 1953 Adj. Elev: 18.751

Both BMs destroyed by Harbor const. FEB 16 Oct 1964 See F.B. 3702-99 for BM 21-43 A.

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| Map No. | W. O. 1923 Tape No. St'd. °F |
| Office Work | Surveyed by G. E. DREIER |
| Checked | Notes G. E. DREIER Date 2-17-53 |
| Date | Indexed E. C. Johnson |

F. B. 1371 Pg. 45

B.M. 21-45 (U.S.G.S. R.S. 28-A 1925)
AT REDONDO BEACH, L.A. Co., AT THE
EMERALD ST. ENTRANCE TO THE CITY HALL,
AND IN THE TOP OF THE EAST END OF THE
BOTTOM STEP. A UNITED STATES GEOLOGICAL
SURVEY STD. DISK, STAMPED "R.S. 28A 1925".
L.A.Co. 1953 Adj: Elev= 44.365

See F.B. 3702-101 for new description
16 Oct 1964 F.E.B.
8-1-73 G.E.D. NOT RECOVERED AREA REDEVELOPED

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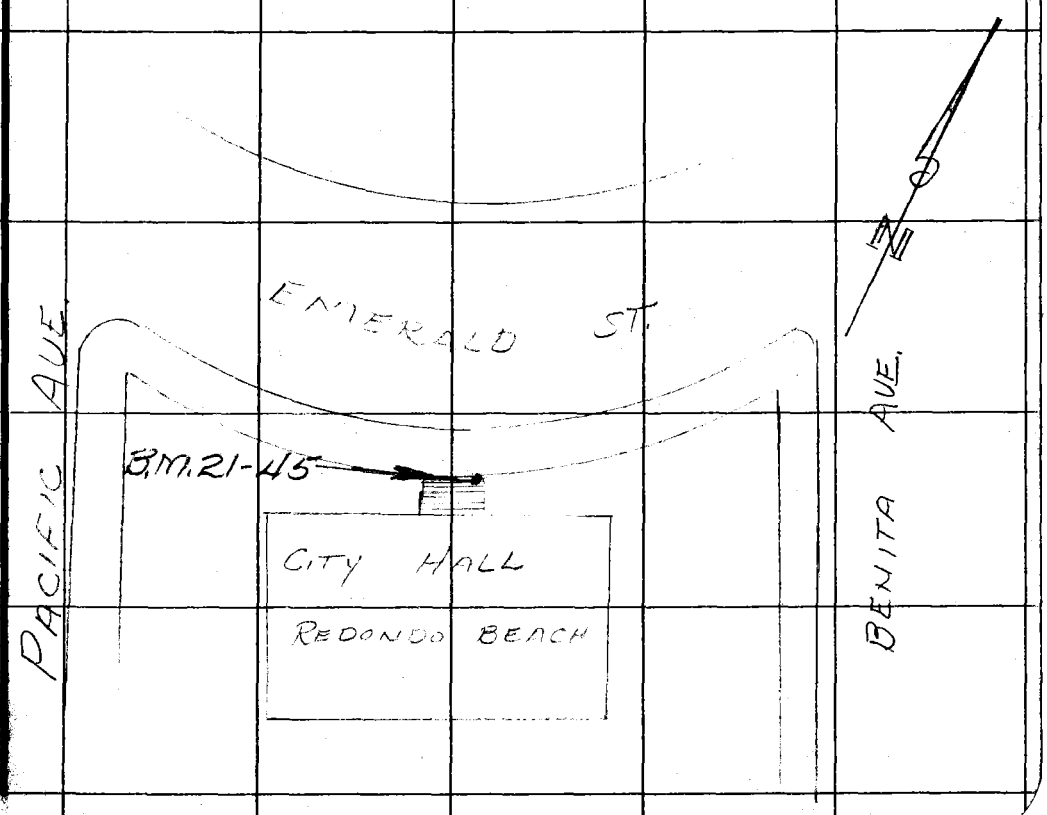



78F3095 247 2-51

F. B. 1391 PG. 46

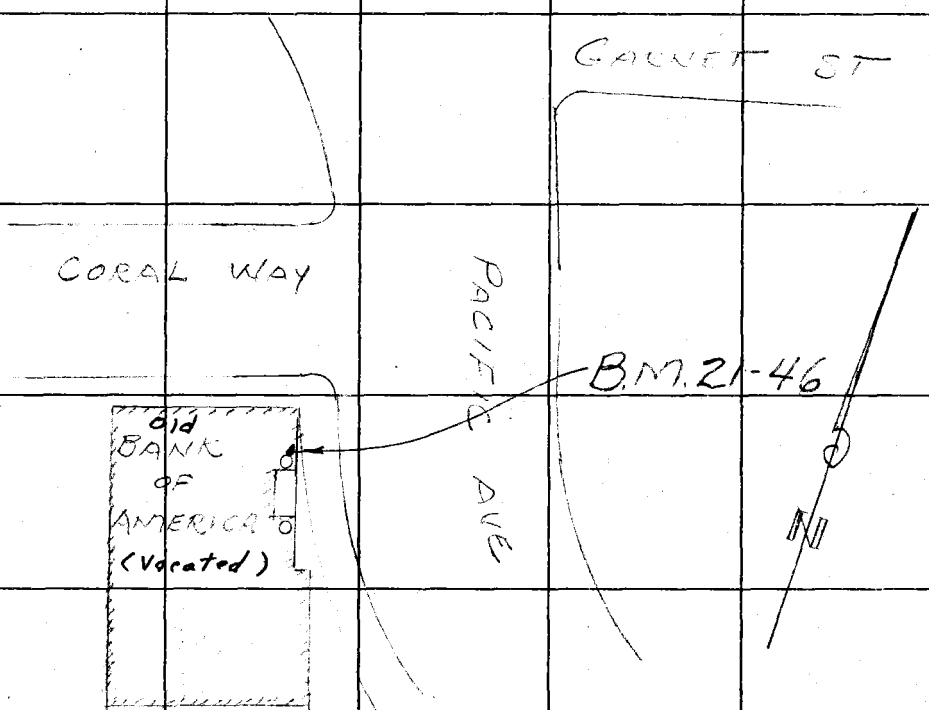
B.M. 21-46 (U.S. 1281 U-50)

At Redondo Beach, at the SW cor of the intersec. of Pacific Ave. & Coral Way, at the old Bank of America Bldg. Vacated between the large pillars N of the doors & in the top of the stone foundation. A ~~std. disk~~ U.S.C.&G.S. 4" Brass Bench Mark Disk stamped "U 50 1928"

F.E.B. 19 Oct 1964

L.A.C. 1953 Adj. Elev: 47.698

6-18-68 OBVIOUSLY GONE, BLDG. REMOVED 6-18-68

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| Office Work | Surveyed by C. E. DREIER |
| Checked | Notes C. E. DREIER Date 2-17-53 |
| Date | Indexed A. C. Johnson |

F. B. 1391 Pg. 47

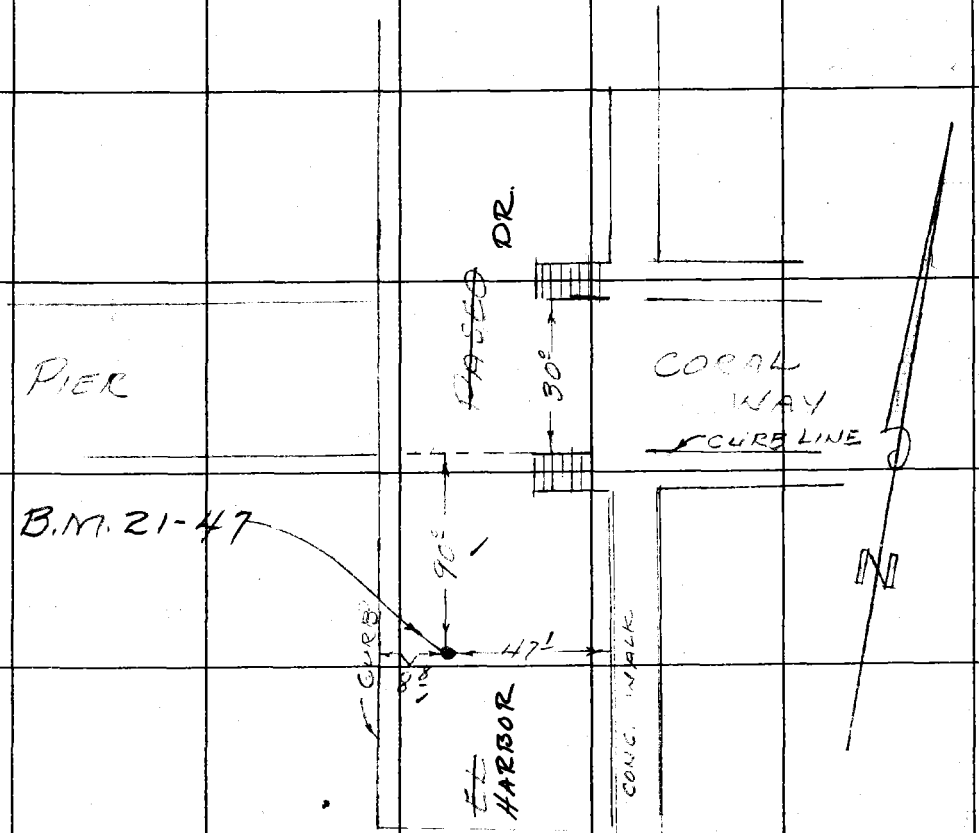
FEB 19 Oct 1964

B.M. 21-47

~~EL PASEO~~ HARBOR DR. AND CORAL WAY, A L.A. ~~STANDARD~~ COUNTY SURVEYOR ~~MONUMENT~~ 2½" Brass cap ~~set in place~~ stamped ~~RE~~ 63" SET IN CONCRETE 8 INCHES BELOW THE SURFACE, 90 FEET SOUTHERLY FROM THE WESTERLY PROLONGATION OF THE SOUTH CURB OF CORAL WAY AND 8.8 FEET EAST OF THE WEST CURB OF EL PASEO, IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT".

L.A.Co. 1953 Adj. Elev = 16.716

8-1-73 NOT RECOVERED, AREA HAS BEEN REDEVELOPED, PROBABLY DESTROYED.

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76F309S 247 2-51

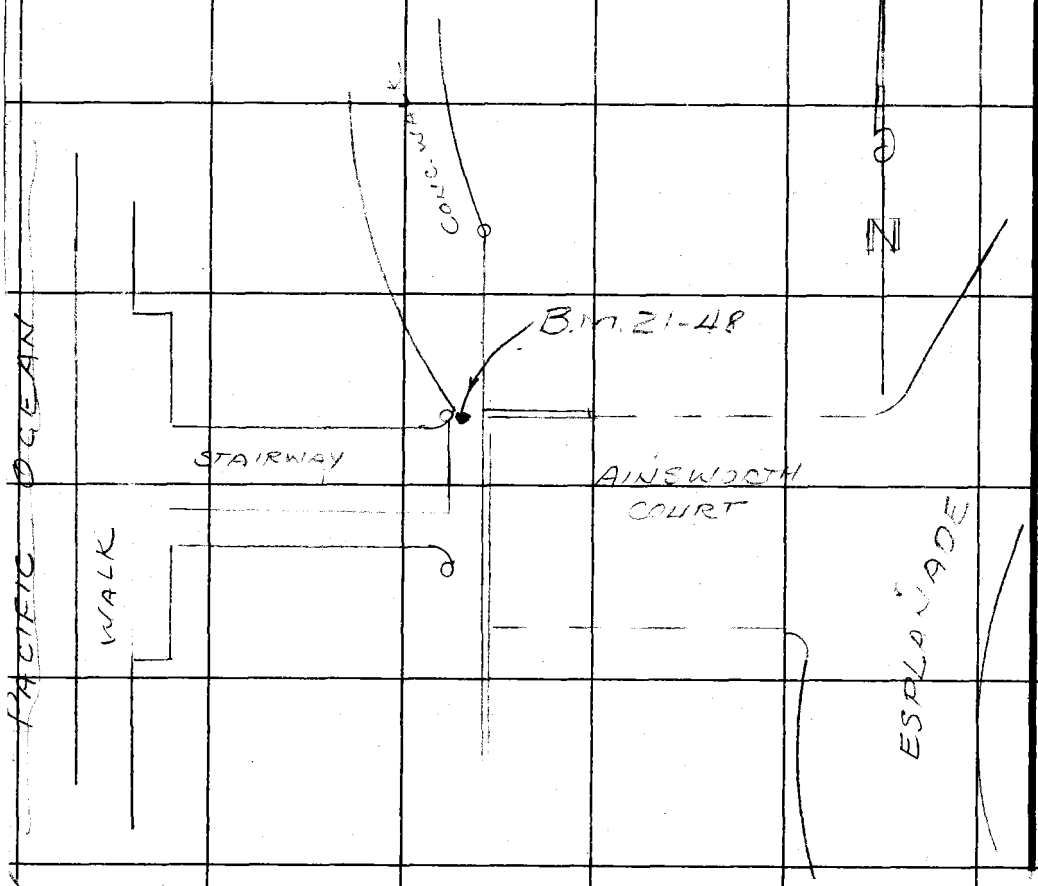
F. B. 1391 PG. 48

B.M. 21-48 (U.S. 104) (CITY OF REDONDO)

At Redondo Beach about half block SW along Esplanade St. from the intersec. of Catalina Ave., abt 110 yds W of the CL of the St., at the head of the concrete stairway leading from Ainsworth Court to the Beach, 0.4' E of the N concrete head post, and in the top of the concrete sidewalk. A City of Redondo Beach stl disk, stamped "46.48."

L.A.Co. 1953 Adj. Elev: 44.285

Not Recovered 4/3/60 [illegible]

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| Date | Indexed A. C. Johnson |

F. B. 1391 Pg. 49

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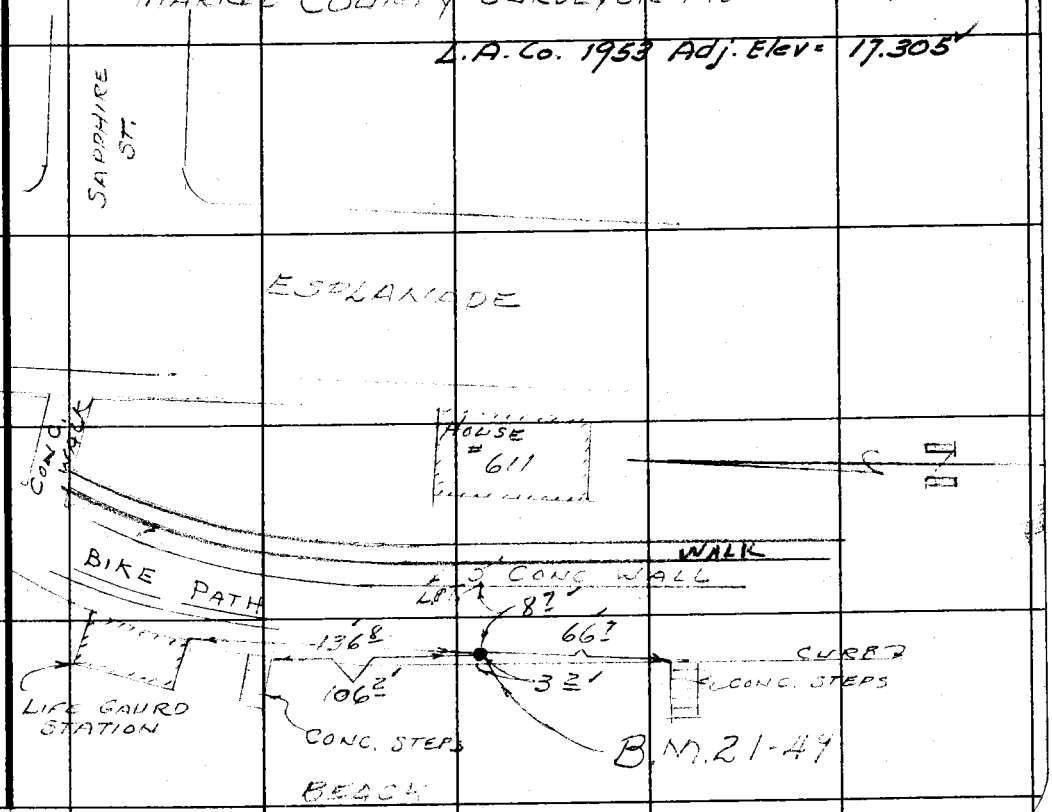
FEB 19 Oct 1964

B.M. 21-49 (TORRANCE F-9A)
REDONDO BEACH, ABOUT 0.5 SOUTH OF THE BUSINESS DISTRICT ON A ROAD THROUGH REDONDO BEACH PARK, 136.8 FEET SOUTHERLY FROM THE SOUTH EAST CORNER OF A LIFE GUARD STATION NEAR A WALK LEADING TO ESPLANADE ON PROLONGATION OF SAPPHIRE ST., 67.0 FEET NORTHERLY FROM THE NORTH EDGE OF CONCRETE STEPS TO BEACH, AND 3.2 FEET EAST OF THE WEST CURB OF THE ROAD, A ~~STANDARD~~ L.A.Co. Survey Control System 4" Brass disc stamped "TORRANCE F-9A" ~~COUNTY~~ TRAVERSE ~~STATION~~ RE2177 1939
SET IN CONCRETE 9 INCHES BELOW THE SURFACE IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT".

L.A. Co. 1953 Adj. Elev = 17.305

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 247 2-51

F.B. 1391 PG. 50

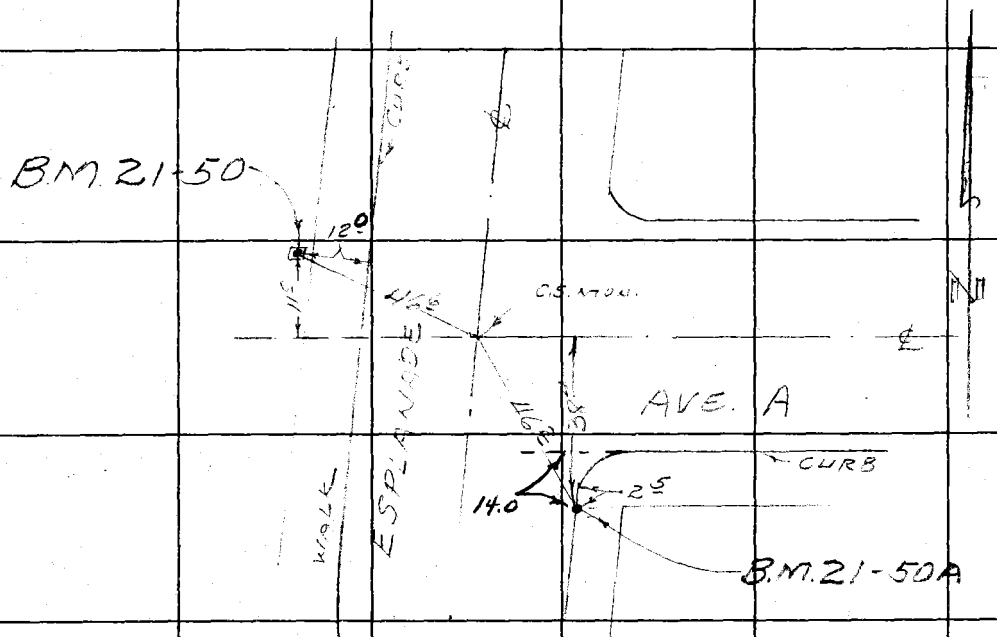
FEB 20 Oct 1964

B.M. 21-50 (U.S. 3811) (REDONDO) (TORRANCE F-9)
AT REDONDO BEACH, L.A.CO., AT THE INTERSECT. OF ESPLANADE AND AVE. A 12.0' W OF THE W. CURB OF ESPLANADE, 11' N. OF THE ℄ OF AVE. A, AND AB-½" HIGHER THAN THE SIDEWALK, A ~~STD.~~ USC&G.S. 4" Brass TRIANGULATION STA. DISK STAMPED "REDONDO 1927" AND SET IN THE TOP OF A beat up CONC. POST.

L.A.Co. 1953 Adj. Elev= 69.550

B.M. 21-50A (R.M. REDONDO)
~~85.8 S.E. OF TRIANGULATION STA. REDONDO DESCRIBED ABOVE, IN~~ Esplanade and Ave A S.E. Cor. Cemented into The Top of THE E CURB OF ESPLANADE, AND 14' S. OF THE LINE OF THE S CURB OF AVE. A. A ~~STD.~~ USC&G.S. 4" Brass REF. MARK DISK, STAMPED "REDONDO 1927".

L.A.Co. 1953 Adj. Elev= 68.815

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| Map No. | W. O. 4923 Tape No. St'd. °F |
| Office Work | Surveyed by C.E. DREIER |
| Checked | Notes C.E. DREIER Date 2-13-53 |
| Date | Indexed A. C. Johnson |

F.B. 1391 Pg. 51

B.M. 21-51 (TORRANCE F-10)

REDONDO BEACH, AT AVE I AND ESPLANADE, S.E. Cor. A STANDARD COUNTY SURVEYOR TRIANGULATION STATION "TORRANCE F-10" SET IN CONCRETE 9 INCHES BELOW THE SURFACE IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT," 18 FEET WESTERLY FROM THE EASTERLY CURB AND ± 103 FEET S'LY OF THE SOUTH CURB OF AVE I PRODUCED WESTERLY AND 125.2 FEET SOUTHWESTERLY FROM ℄ INTERSECTION

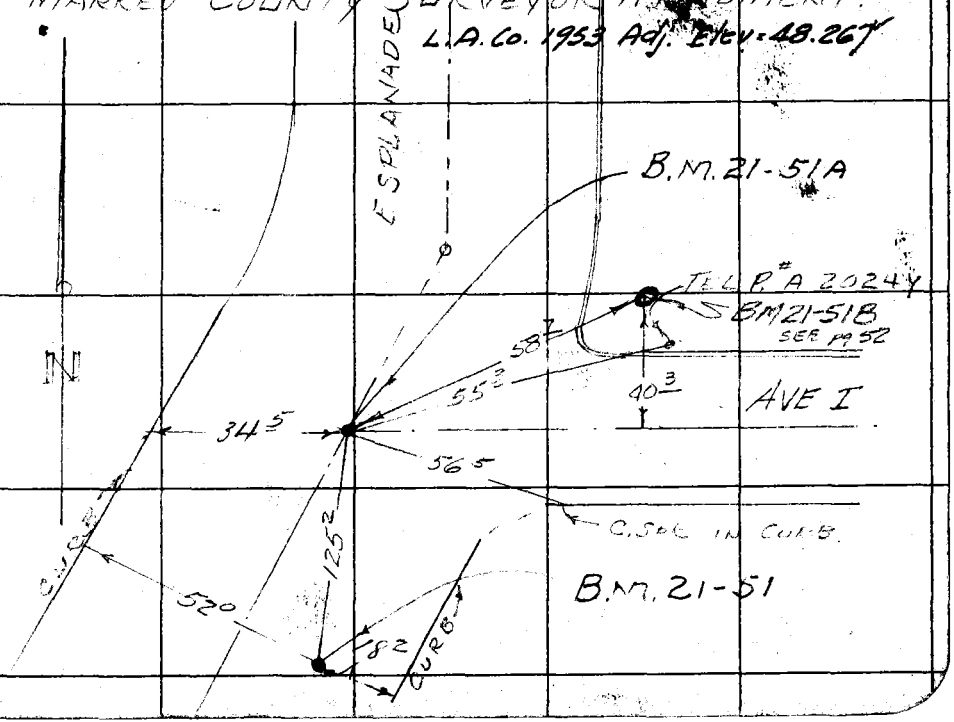
L.A. Co. 1953 Adj. Elev = 47.270

B.M. 21-51A

REDONDO BEACH, AT AVE I AND ESPLANADE, ℄ INTERSECTION, A STANDARD COUNTY SURVEYOR MONUMENT "R.E. 329" SET IN CONCRETE 9 INCHES BELOW THE SURFACE IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

L.A. Co. 1953 Adj. Elev = 48.267

SEE F.B. 3702-113 for new descriptions of BM 21-51 & BM 21-51A FEB 20 Oct 1954

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76F3095 247 2-51

F.B. 1391 PG. 52

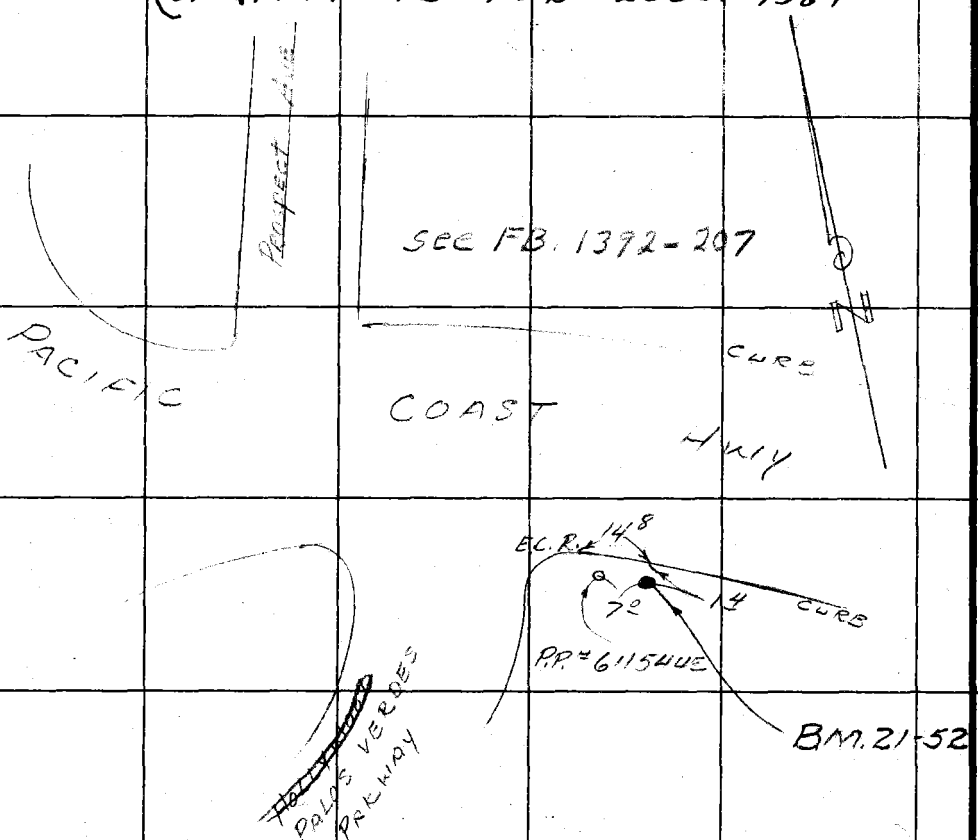
Not recovered See F.B. 1392-207 for BM 21-52A & BM 21-52B. See F.B. 3702-115 for BM 21-52 ⊙ 20 Oct 1964 F.E.B.

B.M. 21-52 (U.S. 4144 E-768)
At Torrance at the junct. of Pac. Cst hwy. - (US 1014) & Hlywd. Palos Verdes pkwy, 46.0 ft SE of the S curb of the pkwy., 1.4 ft. S of the S curb of the hwy, and abt. 4 in. higher than the top of the curb. A std. disk, stamped "E 768 1945" & set in the top of a conc. post.

L.A.Co. 1953 Adj. Elev. = 86.641

BM 21-51B (USC&GS D-768 1945)
Ave I & Esplanade @ Redondo Beach NE cor Fd a USC&GS D.C. mkd "D 768 1945" flush with concrete walk, 58.2 N of ℄ int & 40.3 N of ℄ Ave I

See F.B. 3702-113 for new description of BM 21-51B FEB 20 Oct 1964

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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 2-5-53 |
| Date | Indexed A. C. Johnson |

Bk. B. 1391 Pg. 53

BM 21-53 (U.S. 3813 = 768)

At Torrance at the junction of Pacific Coast Hwy. (US 101A) & the E end of Vista del Parque, 40 ft W of the C.L. of Vista del Parque, 1.2 ft S of the S curve of Hwy & about 4 in higher than the curb. A stl disk stamped "F 768 1945" & set in the top of a conc post.

L.A.Co. 1953 Adj: Elev = 116.065

out acc 6/3/60

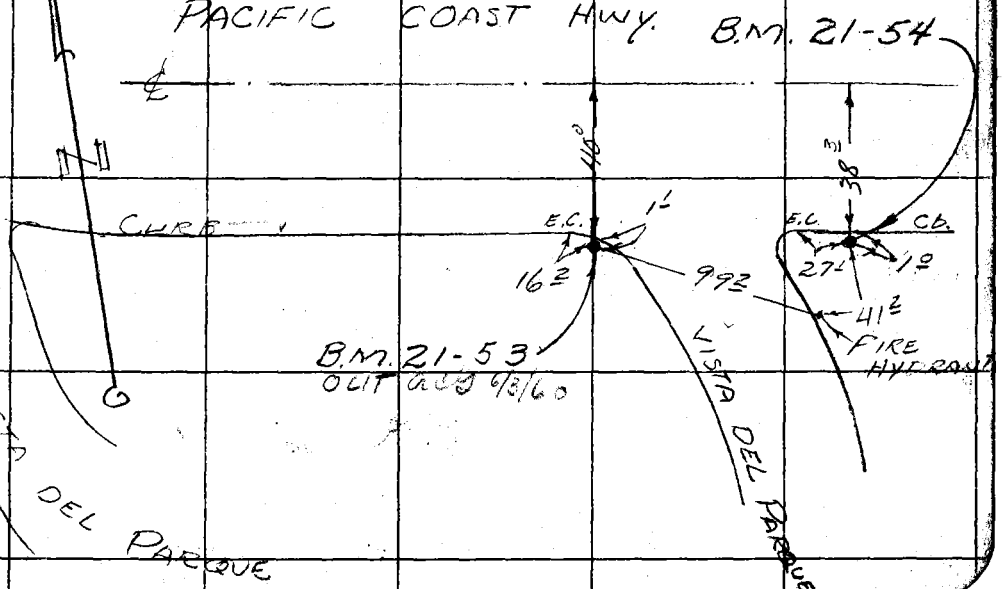
B.M. 21-54

TORRANCE, AT PACIFIC COAST HWY. AND VISTA DEL PARQUE (EAST) SOUTH EAST CORNER, A ~~STANDARD~~ L.A. ~~COUNTY~~ SURVEYOR ~~MONUMENT~~ Cap 2½" Bronze Brass STAMPED "B.M. 21-54 1952 RE.63" SET IN CONCRETE 11 INCHES BELOW THE TOP OF THE CURB, 27.1 FT EASTERLY FROM THE EAST END OF THE CURB RETURN AND 1 FOOT BEHIND THE CURB, IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT".

[redacted] L.A.Co. 1953 Adj: Elev = 117.255

SCIFD ~~[illegible]~~ for BM 21-54A 1391-53A

(RECOVERED 10-28-74 GRD)

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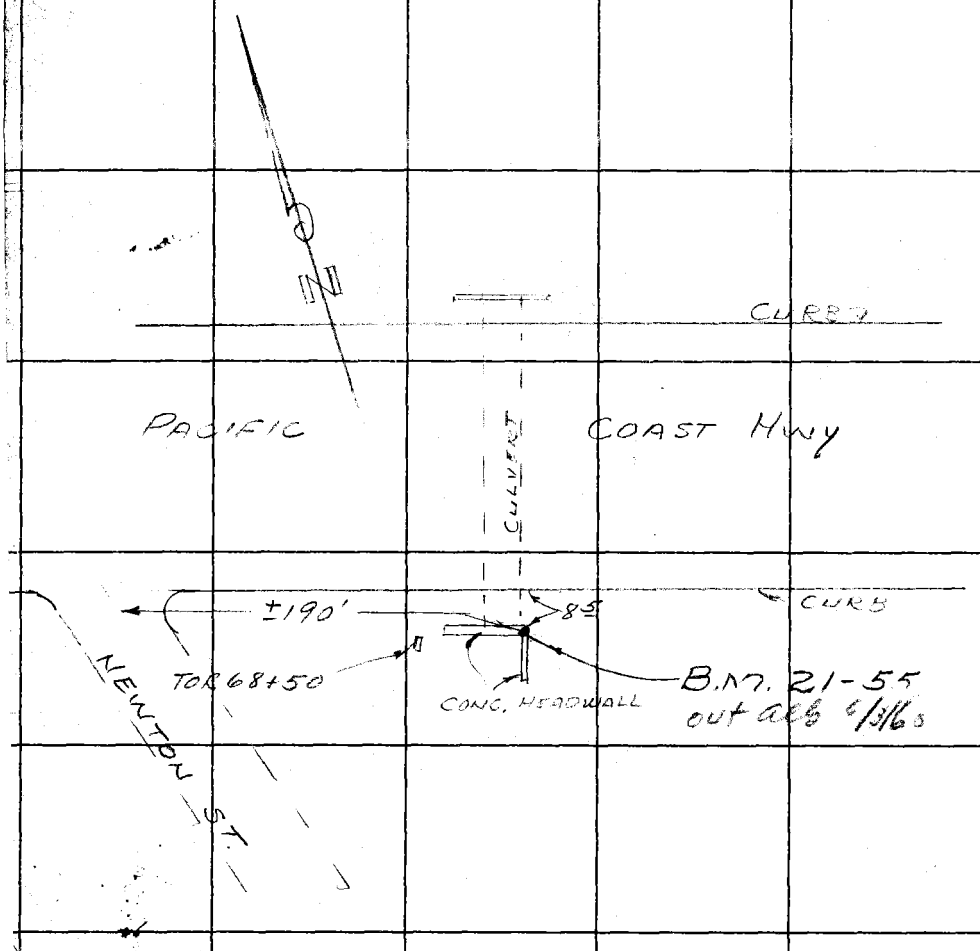
76F3095 247 2-51

F. B. 1391 PG. 54

B.M. 21-55 (U.S. 3652, L-615)

At Torrance abt 1.2 mi alg. U.S. Hwy 101A fr the junction of Hawthorne Ave. at Walteria, about 65 yds E of the junct. of the abandoned RW of the old Redondo-Wilmington Blvd. at the S end of Culvert TOR 69+00, in the top of the angle of the L shaped conc. head wall. 26.4 S of the C.L. of the Hwy & app. 1.5 ft. lower than the hwy. A std. disk stamped "L 615 1921"

L.A. Co. 1953 Adj. Elev. = 94.111
out acb 6/13/60

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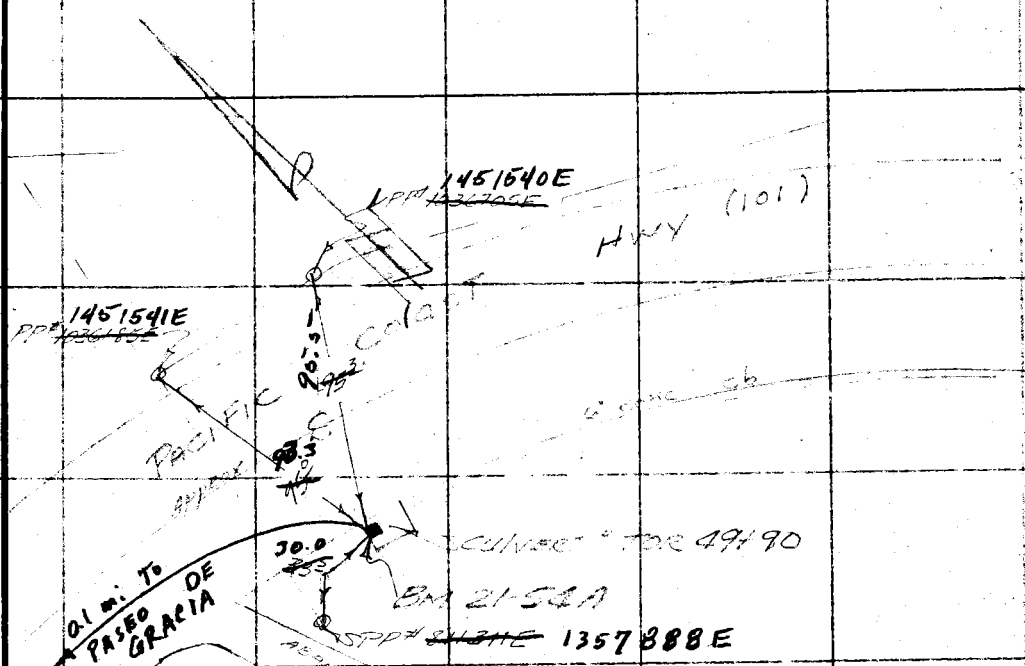
| Map No. | JN 0301.02 Tape Std °F |
| Office Work | Surveyed by A.C. Guizado |
| Checked | Notes ACG Date 6-15-60 |
| Date | Indexed H. E. OTT 1 6 60 |

F. B. 1391 PG. 53 A

USC&GS X 1053 1960

FEB 20 Oct 1960

BM 21-54A (USC&GS X-1053 1960)
ON S'ly SIDE OF PACIFIC COAST HWY
0.1 mi E'ly of PASEO DE GRACIA ST IN A CULVERT
Headwall mk'd "TOR. 49+90" Fd a USC&GS
BM DISK SET IN CONCRETE Flush with CURB
MK'D "USC&GS X-1053 1960", ~~35.5~~ 30.0 E'ly FROM
PP# ~~8113HE~~ 1357888 E ; ~~95.5~~ 93.3 SE'ly PP# ~~1036185E~~ 1451541 E & ~~95.5~~ 95.5 SW'ly
OF PP# ~~1036705E~~ 1451540 E

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76F309S S&E #247 11-58

F. B. 1391 PG 53B

BM 21-55 A

PACIFIC COAST HIGHWAY and CALLE MAYOR South East corner. In a catch basin 167 ft. Easterly of Electric Stop light # M6447 and 38 ft ± Southerly of aprox ℄ of Pacific Coast Highway a bt. spk set in lead 1.0 ft back of curb and 0.5 ft easterly of Westerly edge of catch basin. BM 21-55 A chisled in concrete. State Div. of Highway Stationing sign TOR - 69+00 at westerly edge of catch basin

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| Office Work | Surveyed by G.E. DREIER |
| Checked | Notes G.E. DREIER Date 2-5-53 |
| Date | Indexed C. Johnson |

F.B. 1391 Pg. 55

B.M. 21-56 A ~~(U.S. 3814 A 768)~~

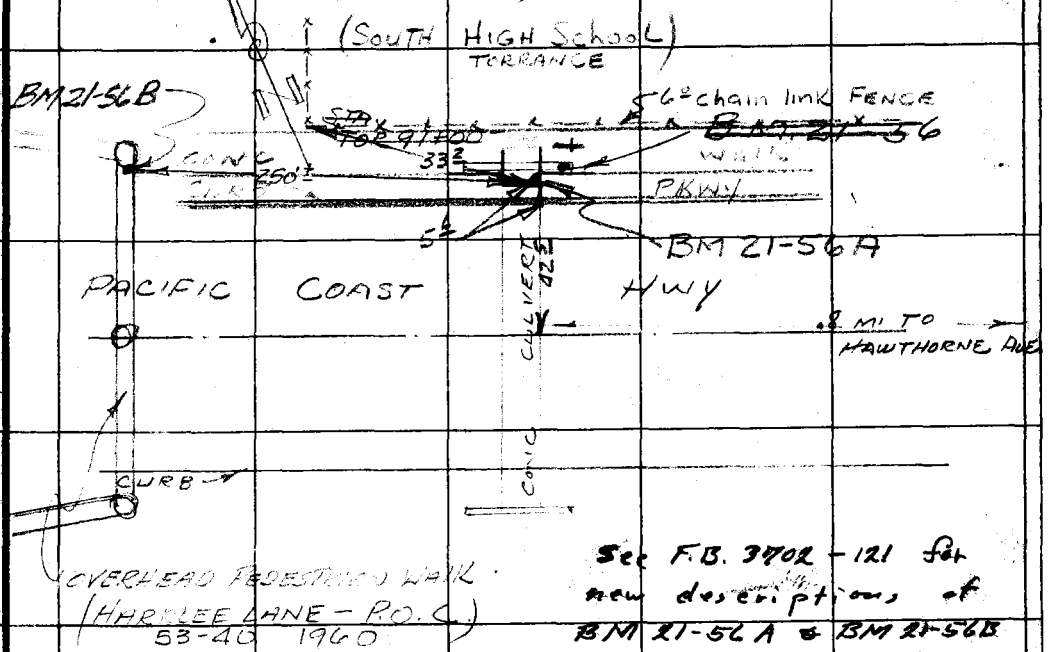
At Torrance abt. 0.8 mi NW alg Pacific Cst Hwy (US 101A) from the intersection of Hawthorne Ave. at Watteria in the S N end of Culvert TOR 91400, and 5.6 ft. NE of the NE curb of the Hwy. ~~A Std. disk stamped "A 768 1935"~~

L.A. Co. 1953 Adj. Elev = 78.445

(A STD DO ENGR. BM BRASS CAP MK'D "BM 21-56A 1960 RE 5369" SET FLUSH ON TOP OF CONC. CULV. BOX, 42.5 N'ly OF PAC. CST HWY ℄.) 6/6/60 acb

BM 21-56B (USC&GS W 1053 1960)

PAC. CST HWY NO. SIDE, IN N'ly COLUMN OF OVERHEAD PEDESTRIAN WALK ON S'ly FACE, UD 4.3 ABOVE GROUND




See F.B. 3702 - 121 for new descriptions of BM 21-56A & BM 21-56B
F.E.B. 20 Oct 1964

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76F309S 247 2-51

F. B. 1391 PG. 56

See F.B. 3704-125 for new description F.E.B. 20 Oct 1964

B.M. 21-57 (TORRANCE J-12)

TORRANCE, ON ℄ PACIFIC COAST HWY ±1080 NORTHWESTERLY FROM OCEAN AVE., A STANDARD COUNTY SURVEYOR TRAVERSE STATION "TORRANCE J-12" SET IN CONCRETE 11 INCHES BELOW THE SURFACE, 57.9 FEET S.ELY FROM THE CENTER OF A CONCRETE CULVERT AT HWY STATION TORRANCE 107+90, IN A WELL AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT".

L.A. Co. 1953 Adj. Elev = 75.813

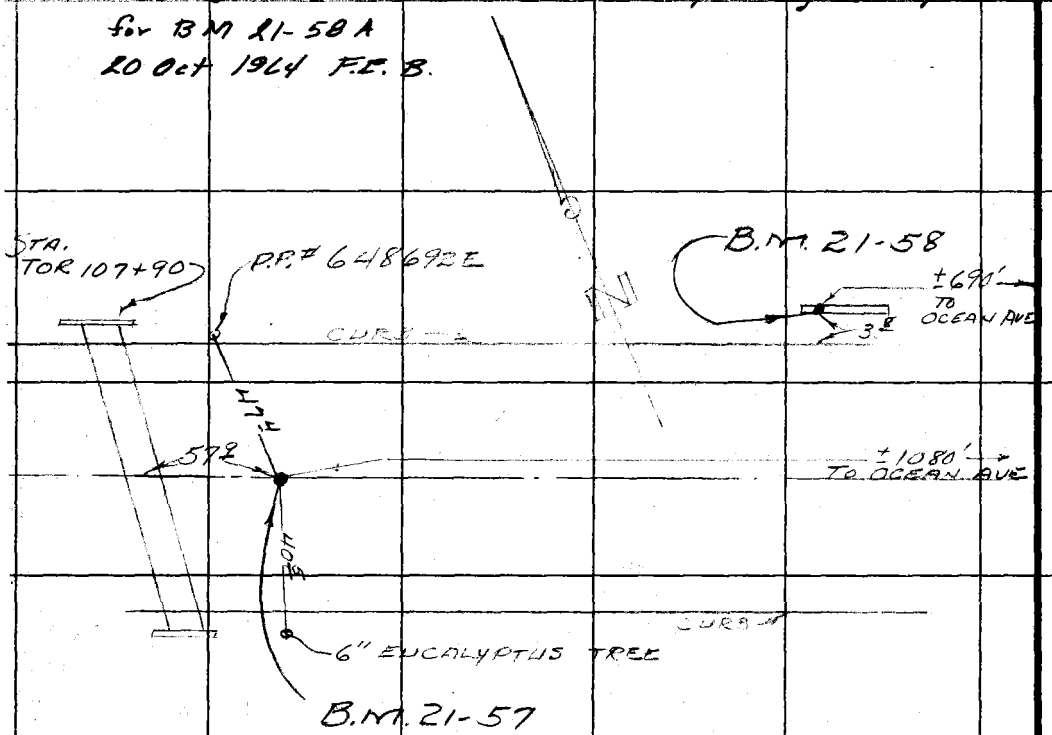
B.M 21-58 (U.S. 3653 K-615)

AT TORRANCE ABOUT 0.4 MI W. ALONG U.S. HWY 101 ALT. FROM THE JUNCT. OF HAWTHORNE AVE. AT KIALTERIA AT CULVERT TOR 112+00, IN THE TOP OF THE N. CONC. HEAD WALL, 2.5' E. OF THE W. END, 41' HIGHER THAN THE HWY, A STD. DISK, STAMPED "K-615 1941".

(not recovered)

See F.B. 3704-125 for BM 21-58A 20 Oct 1964 F.E.B.

L.A. Co. 1953 Adj. Elev = 78.189




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

Do not extend notes this side of this line.

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

| | |
|---|---|
| Notes Ck'd by | Survey of L.A.Co. PRECISE LEVEL NET |
| Map No. | W. O. 1923 Tape No. St'd. °F |
| Office Work | Surveyed by G.E. DREIER |
| Checked | Notes G.E. DREIER Date 2-5-53 |
| Date | Indexed A. C. Johnson |

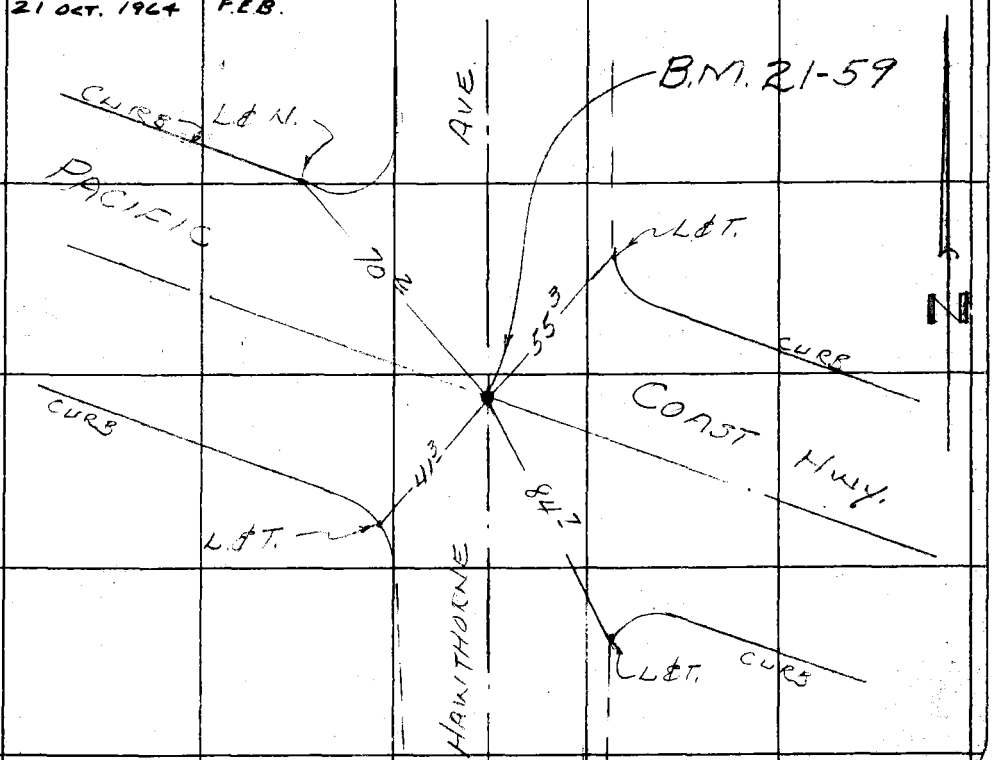
F. B. 1391 Pg. 57

1-4"

B.M. 21-59 (U.S 3815) (TORRANCE K-12) (L.A.C.)
In Torrance at Walteria, at the center of the Intersec. of Pac. Cst Hwy (U.S. 101A) & Hawthorne Ave
A L.A. Co. Sur. Control System Std. Traverse Sta. disk, stamped "TORRANCE K-12 1942"
& set in the top of a conc. post abt 14 in below the st. surface, access to which is had thru a cast-iron cover marked "County Surveyor Monument"
L.A.Co. 1953 Adj. Elev = 95.042

SEE F.B. 3702-127
FOR NEW DESCRIPTION

21 OCT. 1964 F.E.B.

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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. 1391 PG. 58

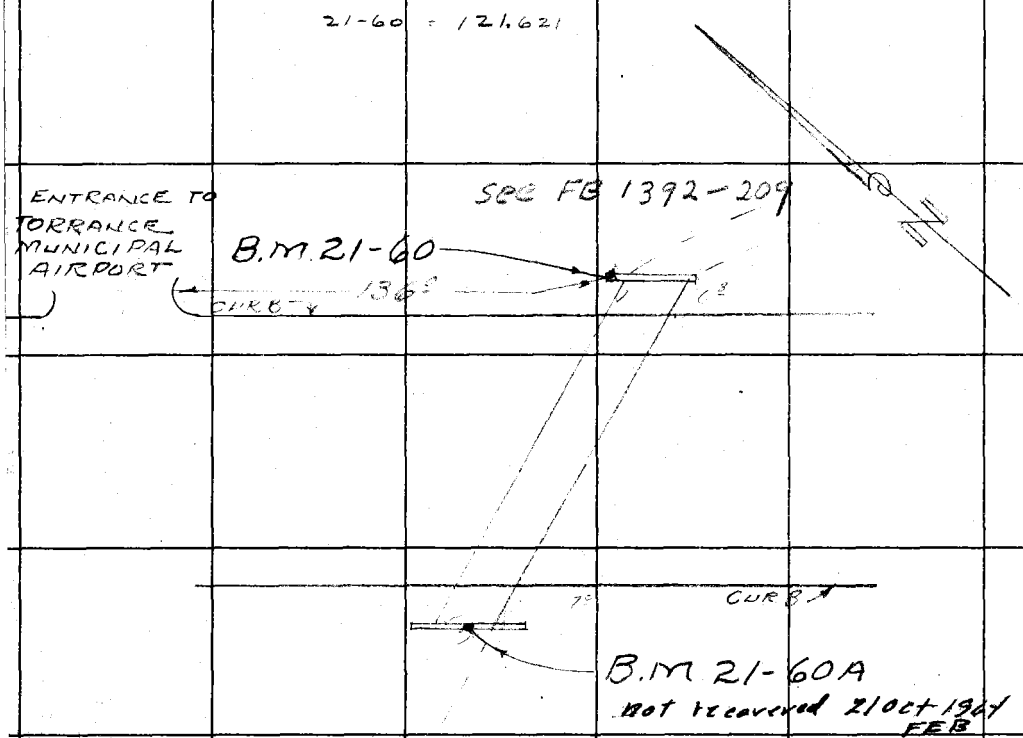
B.M. 21-60 (U.S 3819 X-767)
At Torrance on Pac. Cst. Hwy. (US 101A) abt 1/4 mi NW of the junct. of Newton St. at Culvert TOR 170+43, in the top of the NE head wall, 1.2 ft. SE of the NW end, 6.0 ft. NE of the NE curb of the hwy, & abt 6 in. higher than the curb. A std disk, stamped "X 767 1945"

L.A.Co. 1953 Adj. Elev: 119.969

Not recovered 21 Oct 1964 FEB

See F.B. 1392-208 for BM 21-60B
" " " 209 " " 21-60C
" " " 210 " " 21-60D

21-60 = 121.621




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

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| | |
|---|---|
| Notes Ck'd by | Survey of L.A.Co. PRECISE LEVEL NET |
| Map No. | W. O. 4923 Tape No. St'd. °F |
| Office Work | Surveyed by G.E. DREIER |
| Checked | Notes G.E. DREIER Date 2-5-53 |
| Date | Indexed K. C. Johnson |

F.B. 1391 PG. 59

B.M. 21-61 (U.S. 3654 H-615)

Abt. 1.0 mi W alg US Hwy 101A fr the intersec. of Eshelmen Ave. at Lomita at the center of a N & S depression in surrounding land, at the S.D. culvert TOR ~~215+15~~ 210+57, in the top of the conc. head wall, 1 ft W of the E end, 43 ft S of the C.L. of the hwy, and abt. 2 ft. lower than the hwy. A std. disk stamped "H 615 1941" out acf 6/3/6

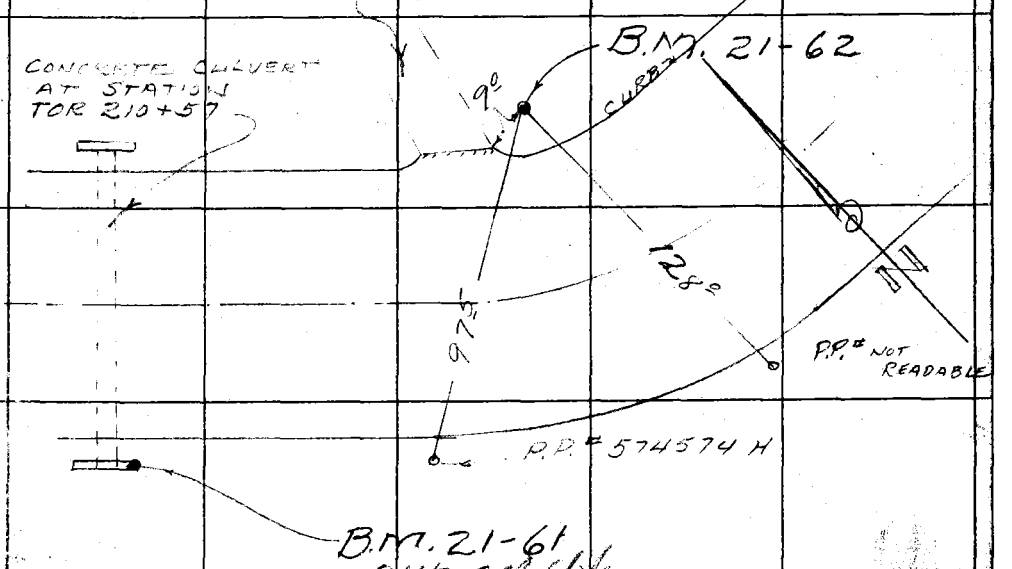
L.A. Co. 1953 Adj. Elev = 137.277

B.M. 21-62 (U.S. 4645 K-748)

AT LOMITA FLIGHT STRIP, AT THE MAIN GATE, ~~56.5' S-SE. OF THE S.E. COR OF THE GUARDHOUSE~~ 42.6' N. OF THE ℄ OF U.S. HWY 101A, 24' E. OF THE ℄ OF THE ROAD (ABANDONED) LEADING INTO THE FIELD, 2.4' N.E. OF A FENCE CORNER, AND 1.2' S. OF A WHITE WOODEN WITNESS POST. A STAND. DISK, STAMPED "K-748 1945" AND SET IN THE TOP OF A CONC. POST PROJECTING ABOUT 0.4' ABOVE GROUND.

L.A. Co. 1953 Adj. Elev = 135.484

not recovered 21 Oct 1964
See F.B. 3702-135 for BM 21-62A F.E.B.

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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

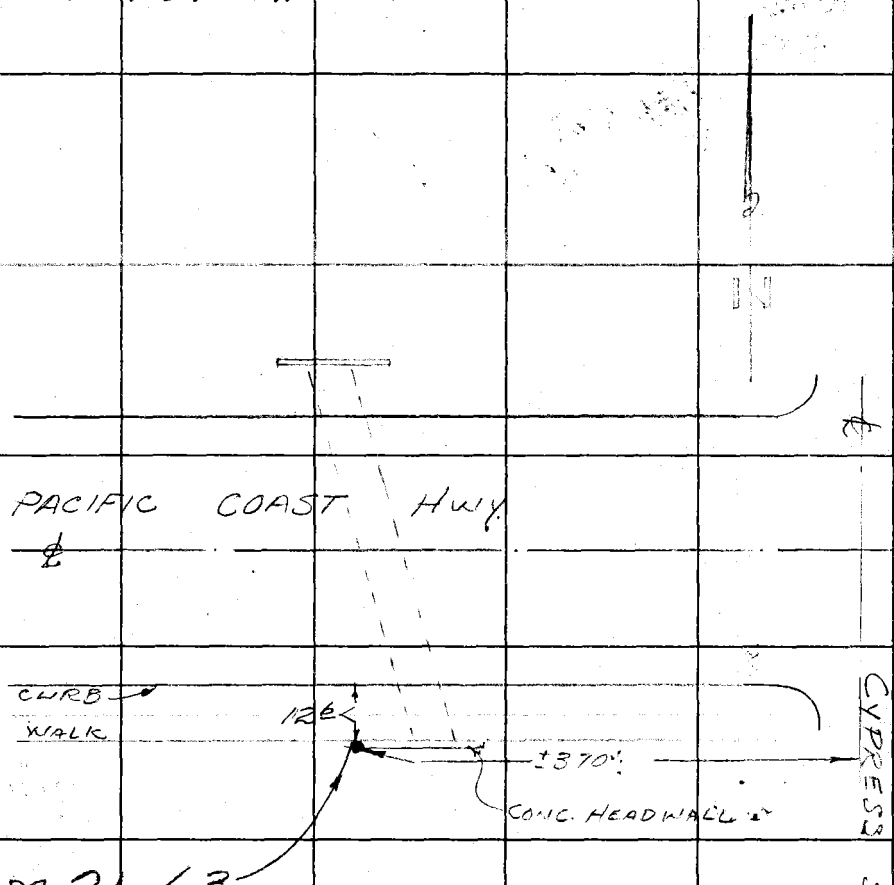
F. B. 1391 PG. 60

B.M. 21-63 (U.S. 3820 E-767)

At Lomita, on Pacific Cst Hwy (US 101A) about 429 ft. E of the C.L. of Penna Ave. in the W end of Culvert C238+81.10, 12.6 ft. S of the S curb of the Hwy, and about 3 in higher than the sidewalk. A stk disk stamped "E 767 1945".

L.A.C. 1953 Adj. Elev = 138.655

not recovered 21 Oct 1964
See F.B. 3702-139 for
BM 21-63A F.E.B.




RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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| | |
|---|---|
| Notes Ck'd by | Survey of L.A. Co. PRECISE LEVELING |
| Map No. | W. O. 1923 Tape No. St'd. °F |
| Office Work | Surveyed by G.E. DREIER |
| Checked | Notes G.E. DREIER Date 2-18-53 |
| Date | Indexed E. C. Johnson |

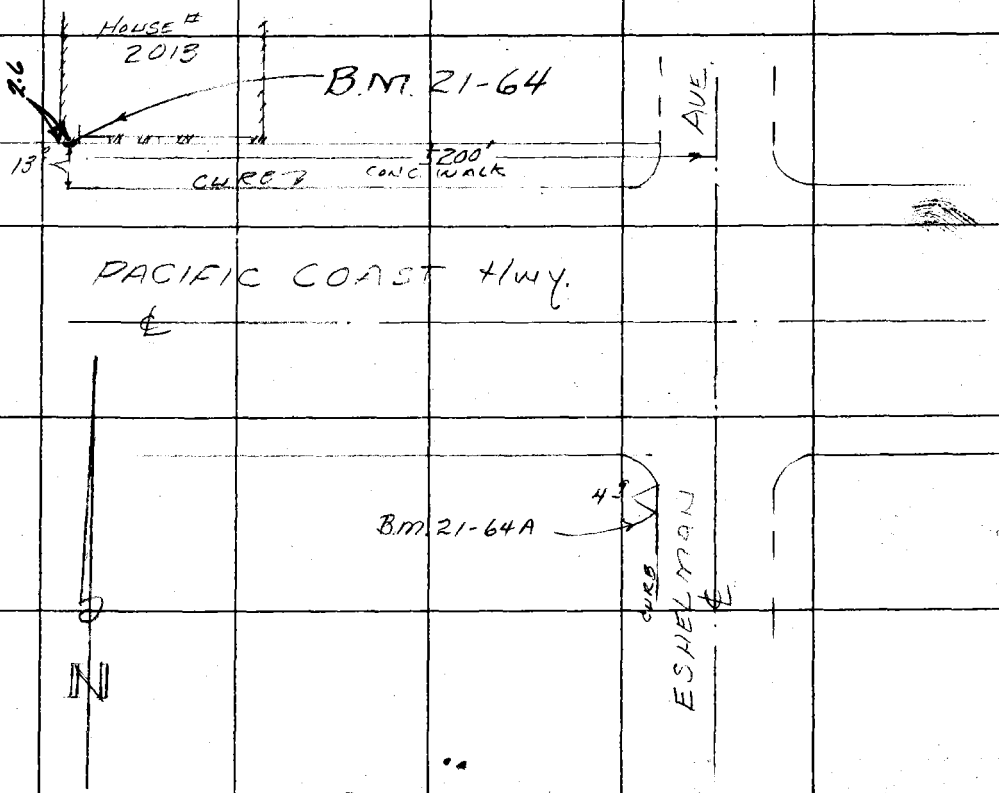
F. B. 1391 Pg. 61

FEB 21 Oct 1964

B.M. 21-64 (L.S. 2701 S-99) Coast Hwy.
AT LOMITA, AT ~~2013~~ 2015 ~~PACIFIC COAST BLVD~~ Pacific (U.S. Hwy 101 ALT.) ~~ABOUT ½ BLOCK W OF THE INTERSECTION~~ and Eshelman Ave NW Cor. 200 ft I W. OF ESHELMAN AVE. ~~ON THE N. SIDE OF THE BLVD.~~, AT THE W END OF THE TWO STORY LOMITA ODD FELLOWS BLDG ~~ASSN. BRICK BLDG~~ Bldg # 2013, IN THE S. FACE OF THE WALL, 2.6' E OF THE S.W. COR., ~~JUST W OF THE LARGE DOORWAY AT 2017, BEHIND A BLACK BOARD~~ AND ABOUT 2.8' ABOVE THE SIDEWALK, A ~~STD~~ USC&GS 4" Brass B.M. DISK STAMPED "S 99 1932" AND SET VERTICALLY.

L.A. Co. 1953 Adj. Elev: 116.700

NOT RECOVERED, THIN BRICK VENEER COVERS FACE OF BLDG., OCT. 1974, G.E.D.
SEE F.B. 3702-140 FOR B.M. 21-64A

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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51

F. B. 1391 PG. 62

B.M. 21-65 (U.S. 3655 G-615)

At Lomita, at the SE cor of the intersec. of S. Western Ave. & 258th St. (U.S. Hwy 101 Alt.) at the Texaco Service Sta., 51' W of the C.L. of the avenue, 14' S of the S curb of the St., at a large Texaco sign, set in the top of the E cor of the 3x3 sq. conc. base. A stel. disk, stamped "G 615 1941"

L.A. Co. 1953 Adj. Elev: 81.364
out all 6/8/60

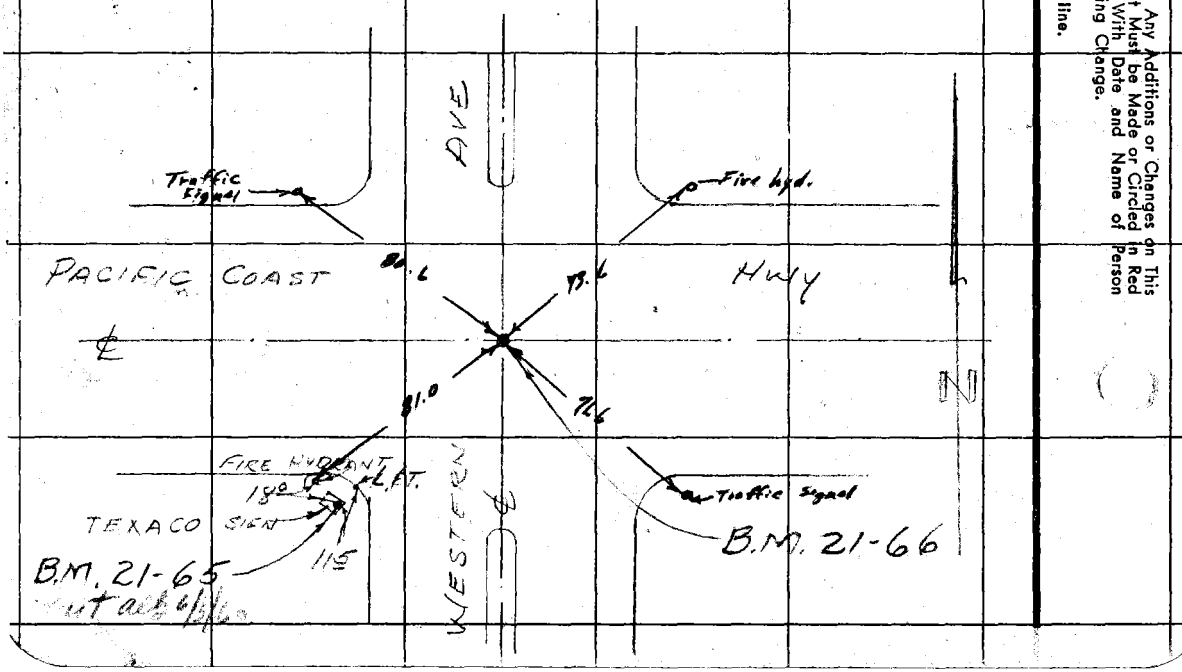
B.M. 21-66

PACIFIC COAST HWY AND WESTERN AVE. ℄ INTERSECTION, A 3/4 INCH HEXAGON BAR SET IN CONCRETE 12 INCHES BELOW THE SURFACE IN A WELL PROTECTED BY A CAST IRON COVER MARKED "CITY OF L.A. MONUMENT ENGINEERING"

F.E.S. 22 Oct 1964

The mark is L.A.Co. 1953 Adj. Elev: 79.490

73.6 ft S.W. of Fire hyd. on N.E. Cor.
80.6 " S.E. " Traffic Signal " N.W. "
81.0 " N.E. " Fire Hyd. " S.W. "
71.6 " N.W. " Traffic Signal " S.E. "




RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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| | |
|---|---|
| Notes Ck'd by | Survey of L.A. Co. PRECISE LEVEL NET |
| Map No. | W. O. 1923 Tape No. St'd. °F |
| Office Work | Surveyed by C.E. DREIER |
| Checked | Notes C.E. DREIER Date 2-13-53 |
| Date | Indexed A. C. Johnson |

F. B. 139 PG. 63

B.M. 21-67 (CITY OF L.A. WILMINGTON A-2)

PACIFIC COAST HWY AND NORMONDIE AVE., ON APPROXIMATE ℄ INTERSECTION, A CITY OF LOS ANGELES TRAVERSE STION BRASS DISK "WILMINGTON A-2" SET IN CONCRETE 10 INCHES BELOW THE SURFACE IN A WELL AND PROTECTED BY A CAST IRON COVER MARKED "CITY OF L.A MONUMENT ENGINEERING"

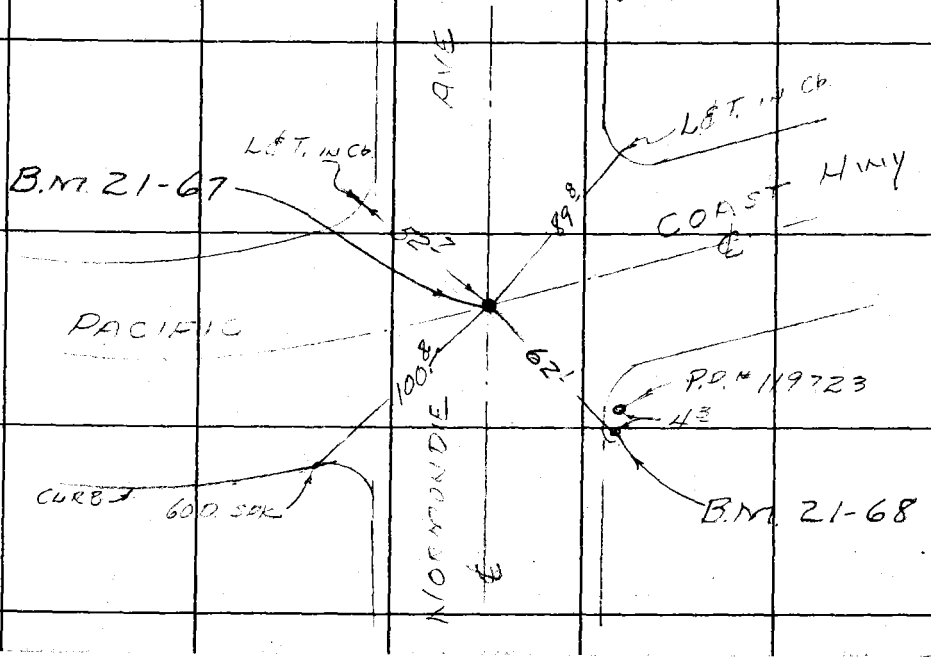
L.A.Co. 1953 Adj: Elev= 47.477

B.M. 21-68 (U.S. 4186 Y-780)

IN L.A. ABOUT 0.5 MI. N. ALG. NORMONDIE AVE. FROM THE INTERSEC OF ANAHEIM ST. AT WILMINGTON, AT THE INTERSECTION OF THE PACIFIC COAST HWY, (U.S. 101 ALT.) 23.4 S.E. OF THE LINE OF THE S.E. CURB OF THE HWY, 4.2' S. OF POWER-TRANSMISSION LINE POLE #119723M, 1.2 E. OF THE E. CURB OF THE AVENUE, AND ABOUT 3" HIGHER THAN THE CURB. A STD. DISK, STAMPED "Y 780 1945" AND SET IN THE TOP OF A CONCRETE POST PROJECTING ABOUT 1" ABOVE GROUND.

L.A. Co. 1953 Adj: Elev= 48.392

Sec. F.B. 8P02-145 for BM 21-67 & BM 21-68 & new description FEB 22 Oct 1954

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

78F3095 247 2-51

F. B. 1391 PG. 64

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

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FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-19 To B.M. 5-20
Date 1-5-53
Indexed [redacted] 2-25-53

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6058 | | 186 | | #5 | 5641 | | 191 | | B.M. 5-19 (132nd ST) |
| | 5872 | | 183 | | | 5450 | | 191 | | ALAMEDA ST & EUCLID AVE |
| | 5689 | | 369 | | | 5259 | | 382 | | SEE F.B. 1206-20 |
| 1 | 17619 | 5873 | | .369 | 64° | 16350 | 5450 | | .382 | FOR DESCRIPTION |
| | 5077 | | 214 | | | 5514 | | 214 | | |
| | 4863 | | 211 | | | 5300 | | 212 | | T. E. LANDA |
| | 4652 | | 425 | | | 5088 | | 426 | | |
| 2 | 14592 | 4864 | | .794 | | 15902 | 5301 | | .808 | |
| | 5253 | | 214 | | | 5388 | | 211 | | |
| | 5039 | | 214 | | | 5169 | | 211 | | |
| | 4825 | | 428 | | | 4958 | | 422 | | |
| 3 | 15117 | 5039 | | 1.222 | | 15507 | 5169 | | 1.230 | |
| | 5085 | | 217 | | | 5293 | | 213 | | |
| | 4868 | | 215 | | | 5080 | | 210 | | |
| | 4653 | | 432 | | | 4870 | | 423 | | |
| 4 | 14606 | 4869 | | 1.654 | | 15243 | 5081 | | 1.653 | |
| | 5294 | | 215 | | | 5550 | | 214 | | |
| | 5081 | | 212 | | | 5336 | | 215 | | |
| | 4869 | | 427 | | | 5121 | | 429 | | |
| 5 | 15246 | 5082 | | 2.081 | | 16007 | 5336 | | 2.082 | |
| | | 25727 | | | | | 26337 | | | |

F.B. 1331 PG. 71

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9.45 TO 10.25 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 5-19 To B.M. 5-20
Date 1-5-58
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5162 | 25.727 | 214 | 2.081 | | 5650 | 28.237 | 213 | 2.082 | |
| | 4948 | | 215 | | | 5437 | | 210 | | |
| | 4733 | | 429 | | | 5227 | | 423 | | |
| 6 | 14843 | 4.948 | | 2.510 | | 16314 | 5.438 | | 2.505 | |
| | 5119 | | 218 | | | 6.239 | | 208 | | B.M. 5-20 |
| | 4901 | | 214 | | | 6.031 | | 206 | | ALAMEDA ST AT CONSOLIDATED |
| | 4687 | | 432 | | | 5.825 | | 414 | | ROCK PRODUCTS CO. |
| 7 | 14707 | 4.902 | | 2.942 | 68° | 18.095 | 6.032 | | 2.919 | SEE F.B. 1206-21 FOR DESCRIPTION |
| | | | | | | | | | | |
| | | | | | | | | | | SUMMATION OF RUN |
| | | | | | | | | | | B.M. 5-19 TO B.M. 5-20 |
| | | | | | | | | | | TOTAL BACKSIGHTS + 35.577 |
| | | | | | | | | | | TOTAL FORESIGHTS - 37.807 |
| | | | | | | | | | | DIFF IN ELEVATION - 2.230 |
| | | 35.577 | | | | | 37.807 | | | |

F.B. 4921 PG. 72

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-20 To B.M. 5-19
Date 1-5-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6467 | | 207 | | #5 | 5.346 | | 217 | | 5-20 (U.S. 4088 a-766) |
| | 6260 | | 207 | | | 5.129 | | 216 | | ALAMEDA ST. AT CONSOLIDATED |
| | 6053 | | 414 | | | 4.913 | | 433 | | ROCK PRODUCTS |
| 1 | 18780 | 6.260 | | .414 | 60° | 15388 | 5.129 | | 433 | SEE F.B. 1206-21 FOR DESCRIPTION |
| | 5.603 | | 213 | | | 5.116 | | 215 | | |
| | 5.390 | | 213 | | | 4.901 | | 215 | | T. E. LANDA |
| | 5.177 | | 426 | | | 4.689 | | 427 | | |
| 2 | 16.170 | 5.390 | | .840 | | 14.706 | 4.902 | | 860 | |
| | 5.551 | | 219 | | | 5.287 | | 209 | | |
| | 5.332 | | 219 | | | 5.078 | | 207 | | |
| | 5.113 | | 438 | | | 4.871 | | 416 | | |
| 3 | 15.996 | 5.332 | | 1.278 | | 15.236 | 5.079 | | 1.276 | |
| | 5.235 | | 213 | | | 5.029 | | 216 | | |
| | 5.022 | | 210 | | | 4.813 | | 217 | | |
| | 4.812 | | 423 | | | 4.596 | | 433 | | |
| 4 | 15.069 | 5.023 | | 1.701 | | 14.438 | 4.813 | | 1.709 | |
| | 5.431 | | 212 | | | 5.304 | | 213 | | |
| | 5.219 | | 211 | | | 5.091 | | 212 | | |
| | 5.008 | | 423 | | | 4.879 | | 425 | | |
| 5 | 15.658 | 5.219 | | 2.124 | | 15.274 | 5.091 | | 2.134 | |
| | | 27.224 | | | | | 25.014 | | | |

F.B. 1209 PG. 22

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLE Inst. No. 50010
Notes by G.E. DREIER Time 9:00 TO 9:45 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 5-20 To B.M. 5-19
Date 1-5-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.490 | 27.224 | 213 | 2124 | | 5.057 | 25.014 | 216 | 2134 | |
| | 5.277 | | 211 | | | 4.841 | | 212 | | |
| | 5.066 | | 424 | | | 4.629 | | 428 | | |
| 6 | 15.833 | 5.278 | | 2548 | | 14.527 | 4.842 | | 2562 | |
| | 5.518 | | 190 | | | 5.932 | | 184 | | B.M. 5-19 (132ND ST) |
| | 5.328 | | 193 | | | 5.748 | | 184 | | ALAMEDA ST & EUCLID AVE |
| | 5.135 | | 383 | | | 5.564 | | 368 | | SEE F.B. 1206-20 |
| 7 | 15.981 | 5.327 | | 2931 | 64° | 17.244 | 5.748 | | 2930 | FOR DESCRIPTION |
| | | | | | | | | | | |
| | | | | | | | | | | SUMMATION OF RUN B.M. 5-20 TO B.M. 5-19 |
| | | | | | | | | | | TOTAL BACKSIGHTS + 37.829 |
| | | | | | | | | | | TOTAL FORESIGHTS − 35.604 |
| | | | | | | | | | | DIFF. IN ELEVATION + 2.225 |
| | | 37.829 | | | | | 35.604 | | | |

F.B. 1207 PG. 74

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 F. E. Dreier Weather Overcast Inst. No. 56010
Notes by J. M. CALDERON Time 9:45 - 11:00 Rod No. 5-E-6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 5-20 To B.M. 5-21
Date 12-19-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 3734 | | 219 | | #5 | 5673 | | 221 | | B.M. 5-20 (1.5.4088) (Q-766) |
| | 3515 | | 220 | | | 5452 | | 220 | | Consolidated Rock Whse. |
| | 3295 | | 439 | | | 5232 | | 441 | | See F.B. 1206-21 |
| 1 | 10544 | 3515 | | 439 | 58° | 16357 | 5452 | | 441 | for description |
| | 5252 | | 215 | | | 5651 | | 213 | | |
| | 5037 | | 215 | | | 5438 | | 214 | | E. Landa |
| | 4822 | | 430 | | | 5224 | | 427 | | |
| 2 | 15111 | 5037 | | 869 | | 16313 | 5438 | | 868 | |
| | 5342 | | 213 | | | 5498 | | 216 | | |
| | 5129 | | 211 | | | 5282 | | 213 | | |
| | 4918 | | 424 | 2 | | 5069 | | 429 | 2 | |
| 3 | 15389 | 5130 | | 1393 | | 15849 | 5283 | | 1397 | |
| | 5216 | | 214 | | | 5548 | | 215 | | |
| | 5002 | | 210 | | | 5333 | | 213 | | |
| | 4792 | | 424 | 7 | | 5120 | | 428 | 7 | |
| 4 | 15010 | 5003 | | 1817 | | 16001 | 5334 | | 1825 | |
| | 4544 | | 227 | | | 4934 | | 230 | | T.B.M. #1 Rosecrans |
| | 4317 | | 227 | | | 4704 | | 227 | | Ave & Alameda St. N.W. Cor. |
| | 4090 | | 454 | 1 | | 4477 | | 457 | 1 | B. Spk in Ch. 47.4 Ft. W. of |
| 5 | 12951 | 4317 | | 2271 | | 14115 | 4705 | | 2282 | W. End of Ch. Retwn. |
| | | 23,002 | | | | | 26,212 | | | |

F.B. 1391 PG. 75

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party E. E. Dreier Weather Overcast Inst. No. 50010
Notes by J. M. CALDERON Time 9:45-11:00 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 5-20 To B.M. 5-21
Date 12-19-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 8138 | 23,002 | 215 | 2271 | | 6784 | 26212 | 214 | 2282 | |
| | 7923 | | 212 | | | 6570 | | 213 | | |
| | 7711 | | | | | 6357 | | | | |
| 6 | 23772 | 7924 | 427 | 2698 | | 19711 | 6570 | 427 | 2709 | |
| | 4159 | | 214 | | | 4817 | | 216 | | |
| | 3945 | | 213 | | | 4601 | | 212 | | |
| | 3732 | | | | | 4389 | | | | |
| 7 | 11836 | 3945 | 427 | 3125 | | 13807 | 4602 | 428 | 3137 | |
| | 4561 | | 213 | | | 4873 | | 215 | | |
| | 4348 | | 212 | | | 4658 | | 213 | | |
| | 4136 | | | | | 4445 | | | | |
| 8 | 13045 | 4348 | 425 | 3550 | | 13976 | 4659 | 428 | 3575 | |
| | 4629 | | 216 | | | 5371 | | 216 | | |
| | 4413 | | 213 | | | 5155 | | 215 | | |
| | 4200 | | | | | 4940 | | | | |
| 9 | 13242 | 4414 | 429 | 3879 | | 15466 | 5155 | 431 | 4066 | |
| | 5070 | | 216 | | | 4974 | | 215 | | |
| | 4854 | | 212 | | | 4759 | | 216 | | |
| | 4642 | | | | | 4543 | | | | |
| 10 | 14566 | 4855 | 428 | 4407 | | 14276 | 4759 | 431 | 4437 | |
| | | 48488 | | | | | 51957 | | | |

F.B. 1391 PG. 76

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 F. E. Drover Weather Overcast Inst. No. 50010
Notes by J. M. CALDERON Time 9:45 - 11:00 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M 520 To B.M. 5-21
Date 12-19-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4565 | 48488 | 218 | 4407 3 | | 4908 | 51957 | 212 | 4437 32 | |
| | 4347 | | 217 | | | 4696 | | 210 | | |
| | 4130 | | | | | 4486 | | | | |
| 11 | 13042 | 4347 | 435 | 4842 | | 14090 | 4697 | 422 | 4859 74 | |
| | 4557 | | 220 | | | 4843 | | 213 | | |
| | 4337 | | 219 | | | 4640 | | 212 | | |
| | 4118 | | | | | 4438 | | | | |
| 12 | 13012 | 4337 | 439 | 5281 1 | | 13921 | 4640 | 425 | 5284 15 | |
| | 4195 | | 223 | | | 5651 | | 211 | | Summation of Run |
| | 3972 | | 220 | | | 5440 | | 209 | | B.M. 5-20 to B.M 5-21 |
| | 3752 | | | | | 5231 | | | | |
| 13 | 11919 | 3973 | 443 | 5724 6 | | 16322 | 5441 | 420 | 5704 57 | |
| | 5182 | | 213 | | | 5641 | | 217 | | Total Backsights = + 71.165 |
| | 4969 | | 211 | | | 5424 | | 214 | | Total Foresights = - 78.338 |
| | 4758 | | | | | 5210 | | | | Diff. in Elev. = - 7.173 |
| 14 | 14909 | 4970 | 424 | 6148 0 | | 16275 | 5425 | 431 | 6135 00 | |
| | 5240 | | 190 | | | 6373 | | 195 | | B.M. 5-21 |
| | 5050 | | 190 | | | 6178 | | 196 | | Compton & Alameda |
| | 4860 | | | | | 5982 | | | | See F.B. 1206-22 |
| 15 | 15150 | 5050 | 380 | 6528 4 | 60° | 18533 | 6178 | 391 | 6526 39 | for description |
| | | 71.165 | | | | | 78338 | | | |

F.B. 1391 PG. 77

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

| Number of Station | BACKSIGHT | | | | B. S. Rod and Temp. | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | Thread Readings | Mean | Thread Intervals | Sum of Intervals | | Thread Readings | Mean | Thread Intervals | Sum of Intervals | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| F.B. 1391 PG. 78 | | | | | | | | | | |
| | | | | | | | | | | |

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by J.M. CALDERON Time 1:30 To 2:45 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 5-21 To B.M. 5-20
Date 12-19-62
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6337 | | 194 | | #5 | 5207 | | 195 | | B.M. 5-21 |
| | 6143 | | 190 | | | 5012 | | 193 | | Compton & Alameda |
| | 5953 | | | | | 4819 | | | | See F.B. 1206-22 |
| 1 | 18433 | 6144 | 384 | 384 | 59° | 15038 | 5013 | 388 | 388 | for description |
| | 5541 | | 217 | | | 5083 | | 213 | | |
| | 5324 | | 215 | | | 4870 | | 211 | | π E. Landa |
| | 5109 | | | | | 4659 | | | | |
| 2 | 15974 | 5325 | 432 | 816 | | 14612 | 4871 | 424 | 812 | |
| | 5688 | | 215 | | | 4220 | | 218 | | |
| | 5473 | | 214 | | | 4002 | | 215 | | |
| | 5259 | | | | | 3787 | | | | |
| 3 | 16420 | 5473 | 429 | 1245 | | 12009 | 4003 | 433 | 1245 | |
| | 4718 | | 211 | | | 4420 | | 214 | | |
| | 4507 | | 209 | | | 4206 | | 211 | | |
| | 4298 | | | | | 3995 | | | | |
| 4 | 13523 | 4508 | 419 (20) | 1664 (5) | | 12621 | 4207 | 425 | 1670 | |
| | 4992 | | 215 | | | 4640 | | 212 | | |
| | 4777 | | 213 | | | 4428 | | 214 | | |
| | 4564 | | | | | 4214 | | | | |
| 5 | 14333 | 4778 | 428 | 2093 (3) | | 13282 | 4427 | 426 | 2096 | |
| | | 26228 | | | | | 22521 | | | |

F.B. 1391 PG. 79

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Draier Weather overcast Inst. No. 50010
Notes by J. M. Calderon Time 1:30 to 2:45 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 5-21 To B.M. 5-20
Date 12-19-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4968 | 26228 | 217 | 2092 3 | | 5060 | 22521 | 212 | 2096 | |
| | 4751 | | 213 | | | 4848 | | 214 | | |
| | 4538 | | | | | 4634 | | | | |
| 6 | 14257 | 4752 | 430 | 2522 3 | | 14542 | 4847 | 426 | 2522 | |
| | 5409 | | 217 | | | 4663 | | 213 | | |
| | 5192 | | 214 | | | 4450 | | 212 | | |
| | 4978 | | | | | 4238 | | | | |
| 7 | 15579 | 5193 | 431 | 2953 4 | | 13351 | 4450 | 425 | 2947 | |
| | 4892 | | 214 | | | 4581 | | 213 | | |
| | 4678 | | 215 | | | 4368 | | 213 | | |
| | 4463 | | | | | 4155 | | | | |
| 8 | 14033 | 4678 | 429 | 3382 3 | | 13104 | 4368 | 426 | 3373 | |
| | 4868 | | 215 | | | 4209 | | 214 | | |
| | 4653 | | 215 | | | 3995 | | 213 | | |
| | 4438 | | | | | 3782 | | | | |
| 9 | 13959 | 4653 | 430 | 3812 3 | | 11986 | 3995 | 427 | 3800 | |
| | 6459 | | 219 | | | 7831 | | 223 | | T.B.M.#1 ROSECRANS AVE. |
| | 6250 | | 216 | | | 7608 | | 221 | | & ALAMEDA ST. N.W. COR. |
| | 6044 | | | | | 7387 | | | | B.SPK. IN CURB 47.4 FT. W. |
| 10 | 18753 | 6251 | 435 | 4247 38 | | 22826 | 7609 | 444 | 4244 | OF W. END CURB RETURN |
| | | 51.755 | | | | | 47.790 | | | |

F.B. 1391 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 OVERCAST Inst. No. 50010
Notes by J. M. CALDERON Time 1:30 TO 2:45 Rod No. 5 96

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-21 To B.M. 5-20
Date 12-19-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4.932 | 51.755 | 228 | 4.2~~47~~ 38 | | 4.548 | 47.790 | 231 | 4.244 | |
| | 4.704 | | 224 | | | 4.317 | | 230 | | |
| | 4.480 | | 452 | | | 4.087 | | 116 | | |
| 11 | 14.116 | 4.705 | | 4.6~~77~~ 90 | | 12.952 | 4.317 | | 4.705 | |
| | 5.588 | | 218 | | | 5.253 | | 213 | | |
| | 5.370 | | 215 | | | 5.040 | | 210 | | |
| | 5.155 | | 433 | | | 4.830 | | 423 | | |
| 12 | 16.113 | 5.371 | | 5.1~~32~~ 23 | | 15.123 | 5.041 | | 5.128 | |
| | 5.513 | | 214 | | | 5.359 | | 215 | | CONTINUATION OF RUN |
| | 5.299 | | 216 | | | 5.144 | | 213 | | B.M. 5-21 TO B.M. 5-20 |
| | 5.083 | | 430 | | | 4.931 | | 428 | | |
| 13 | 15.895 | 5.298 | | 5.5~~62~~ 53 | | 15.434 | 5.145 | | 5.556 | TOTAL BACKSIGHTS +77.987 |
| | 5.640 | | 217 | | | 5.240 | | 213 | | TOTAL FORESIGHTS -70.814 |
| | 5.423 | | 214 | | | 5.027 | | 215 | | DIFF IN ELEVATION +7.173 |
| | 5.209 | | 431 | | | 4.812 | | 428 | | |
| 14 | 16.272 | 5.424 | | 5.99~~3~~ 4 | | 15.079 | 5.026 | | 5.984 | |
| | 5.657 | | 224 | | | 3.717 | | 223 | | B.M. 5-20 (U.S. 4088 Q-766) |
| | 5.433 | | 220 | | | 3.494 | | 221 | | ALAMEDA ST AT CONSOLIDATED |
| | 5.213 | | 444 | | | 3.273 | | 444 | | ROCK PRODUCTS CO. |
| 15 | 16.303 | 5.434 | | 6.4~~37~~ 28 | 62° | 10.484 | 3.495 | | 6.428 | SEE F.B. 1206-21 FOR DESCRIPTION |
| | | 77.982 | | | | | 70.814 | | | |

F.B. 1391 PG. 81

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

| Number of Station | BACKSIGHT | | | | B. S. Rod and Temp. | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | Thread Readings | Mean | Thread Intervals | Sum of Intervals | | Thread Readings | Mean | Thread Intervals | Sum of Intervals | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| F.B. 1391 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. Landa Time 10:40 to 11:30 Rod No. 5 6 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-21 To B.M. 5-23
Date 1-5-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6568 | | 191 | | 75 | 6323 | | 191 | | B.M. 5-21 |
| | 6377 | | 192 | | | 6132 | | 190 | | Alameda St. & Compton Blvd |
| | 6185 | | 383 | | | 5942 | | 381 | | See F.B. 1206-22 |
| 1 | 19130 | 6377 | | 383 | | 18397 | 6132 | | 381 | for description |
| | 5260 | | 192 | | | 5943 | | 191 | | |
| | 5068 | | 189 | | | 5752 | | 192 | | T G. E. Dreier |
| | 4879 | | 188 | | | 5560 | | 383 | | |
| 2 | 15207 | 5067 | | 764 | | 17255 | 5752 | | 764 | |
| | 5035 | | 192 | | | 5330 | | 190 | | NOTE B.M. 5-22 (H.3.4) |
| | 4843 | | 190 | | | 5140 | | 190 | | (U.S.G.S. D-33-67) FOUND |
| | 4653 | | 382 | | | 4950 | | 380 | | DESTROYED |
| 3 | 14531 | 4844 | | 1146 | | 15420 | 5140 | | 1144 | |
| | 5591 | | 190 | | | 6133 | | 191 | | |
| | 5401 | | 190 | | | 5942 | | 190 | | |
| | 5211 | | 380 | | | 5752 | | 381 | | |
| 4 | 16203 | 5401 | | 1526 | | 17827 | 5942 | | 1525 | |
| | 5230 | | 192 | | | 5100 | | 190 | | |
| | 5038 | | 192 | | | 4910 | | 191 | | |
| | 4846 | | 384 | | | 4719 | | 381 | | |
| 5 | 15114 | 5038 | | 1910 | | 14729 | 4910 | | 1906 | |
| | 36.729 | | | | | 27.876 | | | | |

F.B. 1391 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. 50010
Notes by E. Landa Time 10:40 to 11:30 Rod No. 556

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-21 To B.M. 5-23
Date 1-5-53
Indexed J. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5427 | 26.729 | 228 | 1910 | | 6479 | 27.876 | 228 | 1906 | |
| | 5199 | | 229 | | | 6251 | | 229 | | |
| | 4970 | | 457 | | | 6022 | | 457 | | |
| 6 | 15596 | 5199 | | 2367 | | 18752 | 6251 | | 2363 | |
| | 5662 | | 135 | | | 5437 | | 137 | | |
| | 5527 | | 135 | | | 5300 | | 137 | | |
| | 5392 | | 270 | | | 5163 | | 274 | | |
| 7 | 16581 | 5527 | | 2637 | | 15900 | 5300 | | 2637 | |
| | 5542 | | 137 | | | 5376 | | 137 | | |
| | 5405 | | 134 | | | 5239 | | 136 | | |
| | 5271 | | 271 | | | 5103 | | 273 | | |
| 8 | 16218 | 5406 | | 2908 | | 15718 | 5239 | | 2910 | |
| | 5822 | | 215 | | | 4761 | | 213 | | |
| | 5607 | | 212 | | | 4548 | | 212 | | |
| | 5395 | | 427 | | | 4336 | | 425 | | |
| 9 | 16824 | 5608 | | 3335 | | 13645 | 4548 | | 3335 | |
| | 5042 | | 215 | | | 5072 | | 212 | | |
| | 4827 | | 213 | | | 4860 | | 212 | | |
| | 4614 | | 428 | | | 4650 | | 422 | | |
| 10 | 14483 | 4828 | | 3763 | | 14582 | 4861 | | 3757 | |
| | | 53.297 | | | | | 54.075 | | | |

F.B. 1391 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. Drazian Weather clear Inst. No. 50010
Notes by E. Landa Time 10:40 to 11:30 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 5-21 To B.M. 5-23
Date 1-5-58
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5006 | 53297 | 214 | 3763 | | 4463 | 54075 | 208 | 3757 | |
| | 4790 | | 210 | | | 4255 | | 206 | | |
| | 4580 | | 424 | | | 4049 | | 414 | | |
| 11 | 14376 | 4790 | | 4187 | | 12767 | 4256 | | 4171 | |
| | 4862 | | 213 | | | 6348 | | 207 | | B.M. 5-23 |
| | 4649 | | 210 | | | 6141 | | 204 | | Alameda St. & Raymond St. |
| | 4439 | | 423 | | | 5937 | | 411 | | See F.B. 1206-24 |
| 12 | 13950 | 4650 | | 4610 | | 18426 | 6142 | | 4582 | for description |
| | | | | | | | | | | Summation of Run B.M. 5-21 to B.M. 5-23 |
| | | | | | | | | | | Total Backsights = 62,737 8 |
| | | | | | | | | | | Total Foresights = 64473 |
| | | | | | | | | | | diff. in Elev. = -1.736 5 |
| | | | | | | | | | | F.B. 1371 PG. 85 |
| | 62737 8 | | | | | 64473 | | | | |

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 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. 1391 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 F.E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 1:30 To 2:00 pm Rod No. 5E6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 5-23 To B.M. 5-21
Date 1-5-53
Indexed A. C. Jones

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6207 | | 209 | | 75 | 4921 | | 213 | | B.M. 5-23 |
| | 6198 | | 205 | | | 4708 | | 210 | | Alameda St. & Raymond St |
| | 5993 | | 414 | | | 4498 | | 423 | | See F.B. 1206-24 |
| 1 | 18598 | 6199 | | 414 | 72° | 14127 | 4709 | | 423 | for description |
| | 4623 | | 210 | | | 5162 | | 212 | | |
| | 4413 | | 208 | | | 4950 | | 213 | | T F.E. Dreier |
| | 4205 | | 418 | | | 4737 | | 425 | | |
| 2 | 13241 | 4414 | | 832 | | 14849 | 4950 | | 848 | |
| | 4985 | | 215 | | | 4909 | | 212 | | |
| | 4770 | | 214 | | | 4737 | | 210 | | |
| | 4556 | | 429 | | | 4527 | | 422 | | |
| 3 | 14311 | 4770 | | 1261 | | 14213 | 4738 | | 1270 | |
| | 4739 | | 214 | | | 5802 | | 215 | | |
| | 4525 | | 213 | | | 5587 | | 216 | | 1 hr. for Lunch |
| | 4312 | | 427 | | | 5371 | | 431 | | |
| 4 | 13576 | 4525 | | 1688 | | 16760 | 5587 | | 1701 | |
| | 5401 | | 138 | | | 5568 | | 137 | | |
| | 5263 | | 135 | | | 5431 | | 136 | | |
| | 5128 | | 273 | | | 5295 | | 273 | | |
| 5 | 15792 | 5264 | | 1961 | | 16294 | 5431 | | 1974 | |
| | | 25172 | | | | | 25415 | | | |

F.B. 1371 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. Drover Weather clear Inst. No. 50010
Notes by E. Lando Time 11:30 to 2:00 pm Rod No. 5-E-6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-23 To B.M. 8-21
Date 1-5-63
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5380 | 25.172 | 137 | 1961 | | 5608 | 25.415 | 136 | 1974 | |
| | 5243 | | 134 | | | 5472 | | 135 | | |
| | 5109 | | 271 | | | 5337 | | 271 | | |
| 6 | 15732 | 5244 | | 2232 | | 16417 | 5472 | | 2245 | |
| | 6447 | | 230 | | | 5393 | | 226 | | |
| | 6217 | | 227 | | | 5167 | | 227 | | |
| | 5990 | | 457 | | | 4940 | | 453 | | |
| 7 | 18654 | 6218 | | 2689 | | 15500 | 5167 | | 2698 | |
| | 5012 | | 189 | | | 5142 | | 193 | | |
| | 4823 | | 191 | | | 4949 | | 190 | | |
| | 4632 | | 380 | | | 4759 | | 383 | | |
| 8 | 14467 | 4822 | | 3069 | | 14850 | 4950 | | 3081 | |
| | 6109 | | 196 | | | 5559 | | 188 | | |
| | 5913 | | 193 | | | 5371 | | 185 | | |
| | 5720 | | 389 | | | 5186 | | 373 | | |
| 9 | 17742 | 5914 | | 3458 | | 16116 | 5372 | | 3454 | |
| | 5299 | | 190 | | | 5002 | | 190 | | |
| | 5109 | | 191 | | | 4812 | | 191 | | |
| | 4918 | | 381 | | | 4621 | | 381 | | |
| 10 | 15326 | 5109 | | 3839 | | 14435 | 4812 | | 3835 | |
| | | 52479 | | | | | 51188 | | | |

F.B. 1391 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 E. Landa Time 11:30 to 2:00 pm Rod No. 5 & 6

Name A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 5-23 To B.M. 5-21
Date 1-5-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5939 | 52.479 | 192 | 3839 | | 5254 | 51.188 | 191 | 3835 | |
| | 5747 | | 190 | | | 5063 | | 191 | | |
| | 5557 | | 382 | | | 4872 | | 382 | | |
| 11 | 17243 | 5748 | | 4221 | | 15189 | 5063 | | 4217 | |
| | 6483 | | 192 | | | 6729 | | 192 | | B.M. 5-21 |
| | 6291 | | 191 | | | 6537 | | 192 | | Alameda St. & Compton Blvd. |
| | 6100 | | 383 | | | 6345 | | 384 | | See F.B. 1206-22 |
| 12 | 18874 | 6291 | | 4604 | | 19611 | 6537 | | 4601 | for description |
| | | | | | | | | | | Summation of Run |
| | | | | | | | | | | B.M. 5-23 to B.M. 5-21 |
| | | | | | | | | | | Total Backsights = 64.518 |
| | | | | | | | | | | Total Fore " = 62.788 |
| | | | | | | | | | | diff. in Elev. = 1.730 |
| | | | | | | | | | | F.B. 1221 PG. 89 |
| | | 64.518 | | | | | 62.788 | | | |

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 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. 1391 PG. 90 | | | | | | | | | | |
| | | | | | | | | | | |

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 J. M. CALDERON Time 9:40 - 10:15 Rod No. 5 Ec 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From T.B.M-1 To B.M-21-1
Date 12-22-52
Indexed [illegible]

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6080 | | 248 | | | 6203 | | 245 | | T.B.M-1 ROSECRANS AVE |
| | 5832 | | 244 | | | 5958 | | 245 | | [illegible] |
| | 5588 | | | | | 5713 | | | | [illegible] |
| 1 | 17500 | 5833 | 492 | 492 | 62° | 17874 | 5958 | 490 | 490 | [illegible] |
| | 5273 | | 217 | | | 5328 | | 216 | | |
| | 5056 | | 216 | | | 5112 | | 214 | | E. Landa |
| | 4840 | | | | | 4898 | | | | |
| 2 | 15169 | 5056 | 433 | 925 | | 15338 | 5113 | 430 | 920 | |
| | 5788 | | 216 | | | 3722 | | 213 | | |
| | 5572 | | 213 | | | 3509 | | 211 | | |
| | 5359 | | | | | 3298 | | | | |
| 3 | 16719 | 5573 | 429 | 1354 | | 10529 | 3510 | 424 | 1344 | |
| | 3797 | | 214 | | | 5247 | | 227 | | |
| | 3583 | | 211 | | | 5020 | | 224 | | |
| | 3372 | | | | | 4796 | | | | |
| 4 | 10752 | 3584 | 425 | 1779 | | 15063 | 5021 | 451 | 1795 | |
| | 4991 | | 247 | | | 4959 | | 229 | | |
| | 4744 | | 243 | | | 4730 | | 228 | | |
| | 4501 | | | | | 4502 | | | | |
| 5 | 14236 | 4745 | 490 | 2269 | | 14191 | 4730 | 457 | 2252 | |
| | | 24791 | | | | | 24332 | | | |

F.B. 1391 PG. 91

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party F.E. Dreier Weather Clear Inst. No. 50010
Notes by J.M. Calderon Time 9:40 - 10:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From T.B.M. #1 To B.M. 21-1
Date 12-22-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5269 | 24.791 | 220 | 2.269 | | 5560 | 24.332 | 208 | 2.252 | |
| | 5049 | | 219 | | | 5352 | | 208 | | Summation of Run |
| | 4830 | | | | | 5144 | | | | T.B.M. #1 to B.M. 21-1 |
| 6 | 15148 | 5.049 | 439 | 2.708 | | 16056 | 5.352 | 416 | 2.668 | |
| | 5911 | | 225 | | | 5165 | | 205 | | Total Backsights = +40.264 |
| | 5686 | | 224 | | | 4960 | | 203 | | Total Foresights = -39.625 |
| | 5462 | | | | | 4757 | | | | Diff. in Elev. + 0.639 |
| 7 | 17059 | 5.686 | 449 | 3.157 | | 14882 | 4.961 | 408 | 3.076 | |
| | 4918 | | 181 | | | 5227 | | 247 | | B.M. 21-1 |
| | 4737 | | 179 | | | 4980 | | 247 | | Rosecrans & Oleander |
| | 4558 | | | | | 4733 | | | | See F.B. 1391-6 |
| 8 | 14213 | 4.738 | 360 | 3.517 | 62° | 14940 | 4.980 | 494 | 3.570 | for description |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | 40.264 | | | | | 39.625 | | | |

F.B. 1391 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 J.M CALDERON Time 1:50 to 2:30 P.M. Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M-21-1 To T.B.M-1
Date 12-22-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5624 | | 214 | | #6 | 5382 | | 213 | | B.M-21-1 |
| | 5410 | | 214 | | | 5169 | | 211 | | Rosecrans & Alondra |
| | 5196 | | | | | 4958 | | | | See F.B. 1391-6 |
| 1 | 16230 | 5410 | 428 | 428 | 70° | 15509 | 5170 | 424 | 424 | for description |
| | 5136 | | 215 | | | 5865 | | 216 | | |
| | 4921 | | 211 | | | 5649 | | 215 | | A. E. Londa |
| | 4710 | | | | | 5434 | | | | |
| 2 | 14767 | 4922 | 426 | 854 | | 16948 | 5649 | 431 | 855 | |
| | 5522 | | 211 | | | 5225 | | 216 | | |
| | 5311 | | 211 | | | 5009 | | 214 | | |
| | 5100 | | | | | 4795 | | | | |
| 3 | 15933 | 5311 | 422 | 1276 | | 15029 | 5010 | 430 | 1285 | |
| | 5550 | | 239 | | | 5557 | | 235 | | |
| | 5311 | | 238 | | | 5322 | | 231 | | |
| | 5073 | | 477 | | | 5091 | | 466 | | |
| 4 | 15934 | 5311 | | 1753 | | 15970 | 5323 | | 1751 | |
| | 5221 | | 221 | | | 3780 | | 217 | | |
| | 5000 | | 220 | | | 3563 | | 214 | | |
| | 4780 | | | | | 3349 | | | | |
| 5 | 15001 | 5000 | 441 | 2194 | | 10692 | 3564 | 431 | 2182 | |
| | | 25954 | | | | | 24716 | | | |

F.B. 1391 PG. 93

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather Clear Inst. No. 50010
Notes by J.M. CALDERON Time 1:50 PM-2:[illegible] P.M. Rod No. 5806

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-1 To T.B.M. #1
Date 12-22-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 3678 | 25.954 | 212 | 21~~83~~ 94 | | 5743 | 24.716 | 213 | 21~~93~~ 82 | |
| | 3466 | | 211 | | | 5530 | | 212 | | |
| | 3255 | | | | | 5318 | | | | |
| 6 | 10399 | 3466 | 423 | 26~~06~~ 17 | | 16591 | 5530 | 425 | 26~~18~~ 07 | |
| | 5222 | | 219 | | | 5160 | | 215 | | |
| | 5003 | | 215 | | | 4945 | | 215 | | |
| | 4788 | | | | | 4730 | | | | |
| 7 | 15013 | 5004 | 434 | 30~~40~~ 51 | | 14835 | 4945 | 430 | 30~~48~~ 37 | |
| | 6241 | | 249 | | | 6108 | | 244 | | T.B.M. #1 |
| | 5992 | | 250 | | | 5864 | | 242 | | Spike in curb |
| | 5742 | | | | | 5622 | | | | Rosecrans Ave |
| 8 | 17975 | 5992 | 499 | 35~~39~~ 50 | 68° | 17594 | 5[illegible]5 | 486 | 35~~34~~ 23 | & Alameda St. |
| | | | | | | | | | | Summation of Run B.M. 21-1 to T.B.M. #1 |
| | | | | | | | | | | Total Backsights = + 40416 |
| | | | | | | | | | | Total Foresights = - 41.056 |
| | | | | | | | | | | diff. in Elev. = 0.640 |
| | | 40416 | | | | | 41.056 | | | |

F.B. 1391 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. DREFER Weather Clear Inst. No. 50010
Notes by J.M. CALDERON Time 10:15 - 11:15 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-1 To B.M. 21-2
Date 12-22-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6047 | | 035 | | #5 | 5281 | | 034 | | B.M 21-1 |
| | 6012 | | 034 | | | 5247 | | 034 | | Rosecrans & Oleander |
| | 5978 | | | | | 5213 | | | | See F.B. 1391-6 |
| 1 | 18037 | 6012 | 069 | 069 | 62° | 15741 | 5247 | 068 | 068 | For Description |
| | | | | | | | | | | SY-1068 |
| | | | | | | | | | | L.S. N 35' W of Cb. nat. |
| | | | | | | | | | | N.E. Cor. Alameda & |
| | | | | | | | | | | Rosecrans Ave |
| | 5618 | | 143 | | | 5162 | | 142 | | |
| | 5475 | | 141 | | | 5020 | | 144 | | To E. Lande |
| | 5334 | | | | | 4876 | | | | |
| 2 | 16427 | 5476 | 284 | 353 | | 15058 | 5019 | 286 | 354 | |
| | 5553 | | 143 | | | 5234 | | 144 | | |
| | 5410 | | 142 | | | 5090 | | 141 | | |
| | 5268 | | | | | 4949 | | | | |
| 3 | 16231 | 5410 | 285 | 638 | | 15273 | 5091 | 285 | 639 | |
| | 5738 | | 213 | | | 5300 | | 216 | | |
| | 5525 | | 212 | | | 5084 | | 212 | | |
| | 5313 | | | | | 4872 | | | | |
| 4 | 16576 | 5525 | 425 | 1063 | | 15256 | 5085 | 428 | 1067 | |
| | 22423 | | | | | 20442 | | | | |

F.B. 1391 PG. 25

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 20010
Notes by J. M. CALDERON Time 10:15 - 11:15 Rod No. 5 Ec 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-1 To B.M. 21-2
Date 12-22-52
Indexed L. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5599 | 22.423 | 214 | 1.063 | | 5199 | 20.442 | 213 | 1.067 | |
| | 5385 | | 213 | | | 4986 | | 213 | | |
| | 5172 | | | | | 4773 | | | | |
| 5 | 16156 | 5.385 | 427 | 1.490 | | 14958 | 4.986 | 426 | 1.493 | |
| | 5533 | | 216 | | | 5292 | | 213 | | |
| | 5317 | | 215 | | | 5079 | | 212 | | |
| | 5102 | | | | | 4867 | | | | |
| 6 | 15952 | 5.317 | 431 | 1.921 | | 15238 | 5.079 | 425 | 1.918 | |
| | 5713 | | 213 | | | 5253 | | 215 | | |
| | 5500 | | 210 | | | 5038 | | 215 | | |
| | 5290 | | | | | 4823 | | | | |
| 7 | 16503 | 5.501 | 423 | 2.344 | | 15114 | 5.038 | 430 | 2.348 | |
| | 5730 | | 215 | | | 5192 | | 214 | | |
| | 5515 | | 212 | | | 4978 | | 212 | | |
| | 5303 | | | | | 4766 | | | | |
| 8 | 16548 | 5.516 | 427 | 2.771 | | 14936 | 4.979 | 426 | 2.774 | |
| | 5778 | | 214 | | | 5191 | | 211 | | |
| | 5564 | | 211 | | | 4980 | | 212 | | |
| | 5353 | | | | | 4768 | | | | |
| 9 | 16695 | 5.565 | 425 | 3.196 | | 14939 | 4.980 | 423 | 3.197 | |
| | | 49.707 | | | | | 45.504 | | | |

F.B. 1391 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 J. M. CALDERON Time 10:15 - 11:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-1 To B.M. 21-2
Date 12-22-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5739 | 49.707 | 216 | 3.196 | | 5208 | 45.504 | 215 | 3.197 | |
| | 5523 | | 213 | | | 4993 | | 213 | | |
| | 5310 | | | | | 4780 | | | | |
| 10 | 16572 | 5.524 | 429 | 3625 | | 14981 | 4.994 | 428 | 3625 | |
| | | 55.231 | | | | | 50.498 | | | SY 1071 L&T can. Cb. return N.E. cor. Wilmington Ave & Rosecrans Ave |
| | 5665 | | 231 | | | 5366 | | 231 | | |
| | 5434 | | 231 | | | 5135 | | 228 | | |
| | 5203 | | | | | 4907 | | | | |
| 11 | 16302 | 5.434 | 462 | 4087 | | 15408 | 5.136 | 459 | 4.084 | |
| | 5608 | | 217 | | | 5318 | | 216 | | |
| | 5391 | | 213 | | | 5102 | | 213 | | |
| | 5178 | | | | | 4889 | | | | |
| 12 | 16177 | 5392 | 430 | 4517 | | 15309 | 5.103 | 429 | 4.513 | |
| | 5318 | | 217 | | | 5143 | | 212 | | |
| | 5101 | | 214 | | | 4931 | | 213 | | |
| | 4887 | | | | | 4718 | | | | |
| 13 | 15306 | 5.102 | 431 | 4.948 | | 14792 | 4.931 | 425 | 4.938 | |
| | | 71.159 | | | | | 65.668 | | | |

F.B. 1591 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 J M CALDERON Time 10:15 - 11:15 Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-1 To B.M. 21-2
Date 12-22-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5561 | 71.159 | 210 | 4.948 | | 5618 | 65.668 | 216 | 4938 | B.M. 21-2 |
| | 5351 | | 210 | | | 5402 | | 214 | | Rosecrans Ave & Compton Creek |
| | 5141 | | | | | 5188 | | | | See F.B. 1391-7 |
| 14 | 16053 | 5351 | 420 | 5.368 | 64' | 16208 | 5403 | 430 | 5.368 | for description |
| | | | | | | | | | | |
| | | | | | | | | | | Summation of Run B.M. 21-1 to B.M. 21-2 |
| | | | | | | | | | | Total Backsight = + 76.510 |
| | | | | | | | | | | Total Foresight = - 71.071 |
| | | | | | | | | | | diff. in Elev. = +5.439 |
| | | | | | | | | | | |
| | | 76510 | | | | | 71.071 | | | |

F.B. 1391 PG. 98

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 J. M. CALDERON Time 11:15-1:50 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 21-2 To BM 21-1
Date 12-22-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5105 | | 214 | | #5 | 5054 | | 213 | | B.M. 21-2 |
| | 4891 | | 213 | | | 4841 | | 211 | | Compton Creek |
| | 4678 | | | | | 4630 | | | | See F.B. 1391-7 |
| 1 | 14674 | 4.891 | 427 | 427 | 64° | 14525 | 4.842 | 424 | 424 | for description |
| | 5089 | | 216 | | | 5257 | | 215 | | |
| | 4873 | | 213 | | | 5042 | | 214 | | ⊼ E. Landa |
| | 4660 | | | | | 4828 | | | | |
| 2 | 14622 | 4.874 | 429 | 856 | | 15127 | 5.042 | 429 | 853 | |
| | 5309 | | 216 | | | 5597 | | 216 | | |
| | 5093 | | 213 | | | 5381 | | 212 | | |
| | 4880 | | | | | 5169 | | | | |
| 3 | 15282 | 5094 | 429 | 1285 | | 16147 | 5.382 | 428 | 1281 | |
| | 5215 | | 229 | | | 5523 | | 236 | | |
| | 4986 | | 229 | | | 5287 | | 233 | | |
| | 4757 | | | | | 5054 | | | | |
| 4 | 14958 | 4.986 | 458 | 1743 | | 15864 | 5.288 | 469 | 1750 | |
| | | | | | | | | | | SY 1071 L&T can. Cb. |
| | | | | | | | | | | ret. N.E. cor |
| | | | | | | | | | | Wilmington & Rosecran |
| | | 19.845 | | | | | 20.554 | | | |

F.B. 1391 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 J M CALDERON Time 11:15 - 1:50 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M 21-2 To B.M 21-1
Date 12-22-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5212 | 19845 | 215 | 1743 | | 5741 | 20554 | 213 | 1750 | |
| | 4997 | | 215 | | | 5528 | | 213 | | |
| | 4782 | | | | | 5315 | | | | |
| 5 | 14991 | 4997 | 430 | 2173 | | 16584 | 5528 | 426 | 2176 | |
| | 5203 | | 213 | | | 5789 | | 216 | | |
| | 4990 | | 212 | | | 5573 | | 213 | | |
| | 4778 | | | | | 5360 | | | | |
| 6 | 14971 | 4990 | 425 | 2598 | | 16722 | 5574 | 429 | 2605 | |
| | 5140 | | 213 | | | 5679 | | 216 | | |
| | 4927 | | 214 | | | 5463 | | 213 | | |
| | 4713 | | | | | 5250 | | | | |
| 7 | 14780 | 4927 | 427 | 3025 | | 16392 | 5464 | 429 | 3034 | |
| | 5238 | | 217 | | | 5697 | | 211 | | |
| | 5021 | | 213 | | | 5486 | | 208 | | |
| | 4808 | | | | | 5278 | | | | |
| 8 | 15067 | 5022 | 430 | 3455 | | 16461 | 5487 | 419 | 3453 | |
| | 5317 | | 215 | | | 5555 | | 216 | | |
| | 5102 | | 213 | | | 5339 | | 214 | | |
| | 4889 | | | | | 5125 | | | | |
| 9 | 15308 | 5103 | 428 | 3883 | | 16019 | 5340 | 430 | 3883 | |
| | | 44884 | | | | | 47947 | | | |

F.B. 1391 PG. 100

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH 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. [illegible]
Notes by J. M. CALDERON Time 11:15-1:50 P.M. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-2 To B.M. 21-1
Date 12-22-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5252 | 44.884 | 214 | 3883 | | 5653 | 47.947 | 214 | 3882 3 | |
| | 5038 | | 214 | | | 5439 | | 214 | | |
| | 4824 | | | | | 5225 | | | | |
| 10 | 15114 | 5038 | 428 | 4311 | | 16317 | 5439 | 428 | 4316 1 | |
| | 5207 | | 215 | | | 5643 | | 214 | | |
| | 4992 | | 212 | | | 5429 | | 211 | | |
| | 4780 | | | | | 5218 | | | | |
| 11. | 14979 | 4.993 | 427 | 4738 | | 16290 | 5430 | 425 | 4735 6 | |
| | 5247 | | 146 | | | 5565 | | 145 | | |
| | 5101 | | 142 | | | 5420 | | 142 | | |
| | 4959 | | | | | 5278 | | | | |
| 12 | 15307 | 5.102 | 288 | 5.026 | 67° | 16263 | 5421 | 287 | 5.022 3 | |
| | 5168 | | 144 | | | 5620 | | 141 | | |
| | 5024 | | 141 | | | 5479 | | 142 | | |
| | 4883 | | | | | 5337 | | | | |
| 13 | 15075 | 5.025 | 285 | 5311 | | 16436 | 5479 | 283 | 5305 6 | |
| | | | | | | | | | | SY 1068 |
| | | | | | | | | | | L & N ≈ 5' W cb. ret. |
| | | | | | | | | | | N.E. Cor Oleander Ave |
| | | | | | | | | | | & Rosecrans Ave |
| | | 65042 | | | | | 69716 | | | |

F.B. 1391 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 F. E. Dreier Weather Clear Inst. No. 50010
Notes by J. M. Calderon Time 11:15 - 1.50 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-2 To B.M. 21-1
Date 12-22-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5227 | 65042 | 034 | 5311 | | 5992 | 69716 | 034 | 53056 | B.M. 21-1 |
| | 5192 | | 033 | | | 5958 | | 033 | | Rosecrans & Oleander |
| | 5159 | | | | | 5925 | | | | See F.B. |
| 14 | 15578 | 5193 | 068 | 5379 | | 17875 | 5958 | 067 | 5373 | for description |
| | | | | | | | | | | |
| | | | | | | | | | | Summation of Run From B.M. 21-2 to B.M. 21-1 |
| | | | | | | | | | | Total Backsights = +70.235 |
| | | | | | | | | | | Total Foresights = 75.674 |
| | | | | | | | | | | diff in Elev. = -5.439 |
| | | | | | | | | | | |
| | | 70.235 | | | | | 75.674 | | | |

F.B. 1391 PG. 102

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G E Dreier Weather Clear Inst. No. 50010
Notes by M. Sonnenschein Time 10:05AM-11:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 21-2 To BM 21-3
Date 12-23-52
Indexed [illegible] 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 | 6.189<br>5.976<br>5.767<br>17.932 | 5.977 | 213<br>209<br>422 | 422 | #5<br>T=60 | 4.113<br>3.899<br>3.688<br>11.700 | 3.900 | 214<br>211<br>425 | 425 | B.M. 21-2<br>Rosecrans Ave & Compton Creek<br>See F.B. 1391-7<br>For Description |
| 2 | 5.693<br>5.483<br>5.275<br>16.451 | 5.484 | 210<br>208<br>418 | 840 | | 4.079<br>3.860<br>3.641<br>11.580 | 3.860 | 219<br>218<br>438 | 863 | ⊼ E. Landa |
| 3 | 5.841<br>5.631<br>5.420<br>16.892 | 5.631 | 210<br>211<br>421 | 1261 | | 4.122<br>3.908<br>3.695<br>11.725 | 3.908 | 214<br>213<br>427 | 1290 | |
| 4 | 5.788<br>5.572<br>5.359<br>16.719 | 5.573 | 216<br>213<br>429 | 1690 | | 4.194<br>3.980<br>3.769<br>11.943 | 3.981 | 214<br>211<br>425 | 1715 | |
| 5 | 6.176<br>5.953<br>5.732<br>17.861 | 5.954 | 223<br>221<br>444 | 2134 | | 4.533<br>4.330<br>4.128<br>12.991 | 4.330 | 203<br>202<br>405 | 2120 | |
| | | 28.619 | | | | | 19.979 | | | |

F.B. 1391 PG. 103

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather Clear Inst. No. 50010
Notes by M. SONNENSCHEIN Time 10:05AM-4:15PM Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From BM21-2 To BM21-3
Date 12-23-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 5.475 | 28.619 | 67 | 2134 | | 4.893 | 19.979 | 75 | 2120 | |
| | 5.408 | | 68 | | | 4.818 | | 77 | | |
| | 5.340 | | | | | 4.741 | | | | |
| | 16.223 | 5.408 | 135 | 2269 | | 13.452 | 4.817 | 152 | 2272 | |
| | | 34.027 | | | | | 24.796 | | | S.Y. 1976 L.& NAIL IN E. CURB OF TAJANTA AVE. ±60'S OF ℄ OF ROSECRANS AVE. |
| 7 | 5.537 | | 213 | | | 3.841 | | 216 | | |
| | 5.324 | | 211 | | | 3.625 | | 213 | | |
| | 5.113 | | | | | 3.412 | | | | |
| | 15.974 | 5.325 | 424 | 2693 | | 10.878 | 3.626 | 429 | 2701 | |
| 8 | 6.763 | | 214 | | | 4.175 | | 215 | | |
| | 6.549 | | 212 | | | 3.960 | | 212 | | |
| | 6.337 | | | | | 3.748 | | | | |
| | 19.649 | 6.550 | 426 | 3119 | | 11.883 | 3.961 | 427 | 3128 | |
| 9 | 6.389 | | 216 | | | 3.618 | | 216 | | |
| | 6.173 | | 212 | | | 3.402 | | 212 | | |
| | 5.961 | | | | | 3.190 | | | | |
| | 18.523 | 6.174 | 428 | 3547 | | 10.210 | 3.403 | 428 | 3556 | |
| | | 52.076 | | | | | 35.786 | | | |

F.B. 1391 PG. 104

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather Clear Inst. No. 50010
Notes by M. SONNENSCHEIN Time 10:05AM-11:15AM Rod No. 5 Be 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 21-2 To BM 21-3
Date 12-23-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 6.114<br>5.900<br>5.690<br>17.704 | 52.076<br>5.901 | 214<br>210<br>424 | 3547<br>3971 | | 3.860<br>3.647<br>3.433<br>10.940 | 35.786<br>3.647 | 213<br>214<br>427 | 3556<br>3973 | SUMMATION OF RUN<br>B.M. 21-2 to B.M. 21-3 |
| 11 | 5.913<br>5.699<br>5.489<br>17.101 | 5.700 | 214<br>210<br>424 | 439<br>4405 | | 4.175<br>3.960<br>3.746<br>11.881 | 3.960 | 215<br>214<br>429 | 4402 | Total Backsights = +76.729<br>Total Foresights = -52.189<br>Diff. in Elevation = +24.540 |
| 12 | 6.433<br>6.249<br>6.064<br>18.746 | 6.249 | 184<br>185<br>369 | 76<br>4774 | | 4.356<br>4.170<br>3.987<br>12.513 | 4.171 | 186<br>183<br>369 | 8<br>4771 | |
| 13 | 7.018<br>6.803<br>6.589<br>20.410 | 6.803 | 215<br>214<br>429 | 19<br>5203 | T=64 | 4.838<br>4.624<br>4.413<br>13.875 | 4.625 | 214<br>211<br>425 | 20<br>5196 | BM 21-3<br>ROSECRANS & CENTRAL<br>See F.B. 1391-8<br>FOR DESCRIPTION |
| | | 76.729 | | | | | 52.189 | | | |

F.B. 1391 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 ..... 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. 1391 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 GE DREIER Weather Clear Inst. No. 50010
Notes by M. SONNENSCHEIN Time 11:15 AM-12:00 Rod No. 5 9 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 21-3 To BM 21-2
Date 12-23-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4798 | | 210 | | #5 | 6977 | | 216 | | B.M. 21-3 |
| | 4588 | | 210 | | | 6761 | | 212 | | ROSECRANS & CENTRAL |
| | 4378 | | | | 74 | 6549 | | | | SEE F.B. 1591-8 |
| | 13754 | 4588 | 420 | 420 | | 20287 | 6762 | 428 | 428 | FOR DESCRIPTION |
| 2 | 4339 | | 183 | | | 6420 | | 185 | | |
| | 4156 | | 184 | | | 6235 | | 183 | | |
| | 3972 | | | | | 6052 | | | | |
| | 12467 | 4150 | 367 | 787 | | 18707 | 6236 | 368 | 796 | |
| 3 | 4203 | | 214 | | | 5940 | | 213 | | |
| | 3989 | | 214 | | | 5727 | | 212 | | |
| | 3775 | | | | | 5515 | | | | |
| | 11967 | 3989 | 428 | 1215 | | 17182 | 5727 | 425 | 1221 | |
| 4 | 3865 | | 214 | | | 6122 | | 212 | | |
| | 3651 | | 213 | | | 5910 | | 212 | | |
| | 3438 | | | | | 5698 | | | | |
| | 10954 | 3651 | 427 | 1642 | | 17730 | 5910 | 424 | 1645 | |
| 5 | 3740 | | 217 | | | 6508 | | 216 | | |
| | 3523 | | 214 | | | 6292 | | 212 | | |
| | 3309 | | | | | 6080 | | | | |
| | 10572 | 3524 | 431 | 2073 | | 18880 | 6293 | 428 | 2073 | |
| | | 19908 | | | | | 30728 | | | |

F.B. 1391 PG. 107

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather Clear Inst. No. 50010
Notes by M. SONNENSCHEIN Time [illegible] Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-[illegible] To B.M. 21-[illegible]
Date 12-23-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 3990 | 19,908 | 215 | 2063 | | 6581 | 30,928 | 213 | 2073 | |
| | 3775 | | 214 | | | 6368 | | 214 | | |
| | 3561 | | | | | 6154 | | | | |
| | 11326 | 3775 | 429 | 2092 | | 19103 | 6368 | 427 | 2500 | |
| 7 | 3847 | | 215 | | | 5543 | | 212 | | |
| | 3632 | | 212 | | | 5331 | | 211 | | |
| | 3420 | | | | | 5120 | | | | |
| | 10899 | 3633 | 427 | 2949 | | 15994 | 5331 | 423 | 2923 | |
| | | 27,316 | | | | | 42,627 | | | S.Y. 1076 Lead ± [illegible] in S. Curb of Tajanta Ave. ± [illegible] S. of ℄ of Rosecrans Ave. |
| 8 | 4861 | | 71 | | | 5455 | | 73 | | |
| | 4790 | | 72 | | | 5382 | | 72 | | |
| | 4718 | | | | | 5310 | | | | |
| | 14369 | 4790 | 143 | 3062 | | 16147 | 5382 | 145 | 3068 | |
| 9 | 4510 | | 213 | | | 6130 | | 211 | | |
| | 4297 | | 212 | | | 5919 | | 210 | | |
| | 4085 | | | | | 5709 | | | | |
| | 12892 | 4297 | 425 | 3487 | | 17758 | 5919 | 421 | 3489 | |
| | | 36403 | | | | | 53,928 | | | |

F.B. 1391 PG. 108

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier  Weather Clear  Inst. No. 50010
Notes by M. Sonnenschein  Time 11:15AM-12:00  Rod No. [illegible]

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From BM 21-3 To BM 21-2
Date 12-23-[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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 4194<br>3979<br>3767<br>11940 | 36403<br><br><br>3980 | 215<br>212<br><br>427 | 3487<br>9<br>2<br>[illegible]4 | | 5790<br>5577<br>5366<br>16733 | 53.928<br><br><br>5578 | 213<br>211<br><br>424 | 3489<br><br><br>39.13 | SUMMATION OF RUN<br>B.M. 21-3 to B.M. 21-2 |
| 11 | [illegible]75<br>3963<br>3753<br>11891 | <br><br><br>3964 | 212<br>210<br><br>422 | <br><br><br>4336 | | [illegible]<br>5688<br>5475<br>17067 | <br><br><br>5689 | 216<br>213<br><br>[illegible] | <br><br><br>[illegible]42 | Total Backsights = +52.120<br>Total Foresights = −76.666<br>[illegible] in Elev. = −24.546 |
| 12 | [illegible]96<br>[illegible]<br>3568<br>11345 | <br><br><br>3782 | 215<br>213<br><br>428 | <br><br><br>4764 | | [illegible]<br>[illegible]<br>5193<br>16219 | <br><br><br>5406 | [illegible]<br>[illegible]<br><br>[illegible] | [illegible]8 | |
| 13 | [illegible]<br>[illegible]<br>[illegible]<br>11974 | <br><br><br>3991 | 215<br>[illegible]<br><br>426 | <br><br><br>5[illegible]78 | T=65 | [illegible]78<br>6064<br>[illegible]<br>18195 | <br><br><br>6065 | [illegible]14<br>211<br><br>425 | <br><br><br>5193 | B.M. 21-2<br>Compton Creek<br>SEE F.B. 13[illegible]-7<br>FOR D[illegible] |
| | | 52.120 | | | | | 76666 | | | |

F.B. 1391 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 ..... Weather ..... Inst. No. .....
Notes by ..... Time ..... Rod No. .....

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

| Number of Station | BACKSIGHT | | | | B. S. Rod and Temp. | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | Thread Readings | Mean | Thread Intervals | Sum of Intervals | | Thread Readings | Mean | Thread Intervals | Sum of Intervals | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| F.B. 1391 PG. 110 | | | | | | | | | | |
| | | | | | | | | | | |

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-3 To B.M. 21-4
Date 12-29-52
Indexed A. C. JOHNSON

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6284 | | 105 | | #5 | 4112 | | 98 | | B.M. 21-3 N.E. COR. ROSECRANS AVE & CENTRAL AVE |
| | 6179 | | 107 | | | 4014 | | 96 | | SEE F.B. 1391-8 |
| | 6072 | | 212 | | | 3918 | | 194 | | FOR DESCRIPTION |
| 1 | 18535 | 6178 | | 212 | 65° | 12044 | 4015 | | 194 | |
| | | | | | | | | | | SY 1079 ROSECRANS AVE & CENTRAL AVE., L&T. IN E. EDGE OF CONC. PAVT. ± 14' E. ℄ OF CENTRAL AVE. & ± 70' S. OF ℄ ROSECRANS AVE. |
| | 5815 | | 209 | | | 4616 | | 213 | | AT E. LANDA |
| | 5606 | | 209 | | | 4403 | | 213 | | |
| | 5397 | | 418 | | | 4190 | | 426 | | |
| 2 | 16818 | 5606 | | 630 | | 13209 | 4403 | | 620 | |
| | 6299 | | 212 | | | 4267 | | 214 | | |
| | 6087 | | 211 | | | 4053 | | 211 | | |
| | 5876 | | 423 | | | 3842 | | 425 | | |
| 3 | 18262 | 6087 | | 1053 | | 12162 | 4054 | | 1045 | |
| | 5444 | | 211 | | | 4261 | | 213 | | |
| | 5233 | | 211 | | | 4048 | | 212 | | |
| | 5022 | | 422 | | | 3836 | | 425 | | |
| 4 | 15699 | 5233 | | 1475 | | 12145 | 4048 | | 1470 | |
| | | 23104 | | | | | 16520 | | | |

F.B. 1391 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 G. E. DREIER Time 11:00 TO 12:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-2 To B.M. 21-4
Date 12-29-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.432 | 23.104 | 212 | 1.475 | | 4.490 | 16.520 | 214 | 1.470 | |
| | 5.220 | | 210 | | | 4.276 | | 215 | | |
| | 5.010 | | 422 | | | 4.061 | | 429 | | |
| 5 | 15.662 | 5.222 | | 1.897 | | 12.827 | 4.276 | | 1.899 | |
| | 6.081 | | 212 | | | 4.353 | | 215 | | |
| | 5.869 | | 211 | | | 4.138 | | 211 | | |
| | 5.658 | | 423 | | | 3.927 | | 426 | | |
| 6 | 17.608 | 5.869 | | 2.320 | | 12.418 | 4.1[illegible] | | 2.325 | |
| | 5.172 | | 213 | | | 4.182 | | 214 | | |
| | 4.959 | | 214 | | | 3.968 | | 214 | | |
| | 4.745 | | 427 | | | 3.754 | | 428 | | |
| 7 | 14.876 | 4.959 | | 2.747 | | 11.904 | 3.968 | | 2.753 | |
| | 6.527 | | 208 | | | 6.138 | | 221 | | |
| | 6.319 | | 207 | | | 5.919 | | 219 | | |
| | 6.112 | | 415 | | | 5.700 | | 440 38 | | |
| 8 | 18.958 | 6.319 | | 3.162 | | 17.757 | 5.919 | | 3.193 | |
| | 5.690 | | 212 | | | 4.593 | | 228 | | |
| | 5.478 | | 215 | | | 4.365 | | 227 | | |
| | 5.263 | | 427 | | | 4.138 | | 455 | | |
| 9 | 16.431 | 5.477 | | 3.589 | | 13.096 | 4.365 | | 3.648 | |
| | | 50.949 | | | | | 39.187 | | | |

F.B. 1391 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 G.E. DREIER Time 1:30 TO 1:25 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-3 To B.M. 21-4
Date 12-29-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6.138 | 50.949 | 213 | 5.589 | | 4.577 | 39.187 | 202 | 3.6415 | SUMMATION OF RUN |
| | 5.925 | | 210 | | | 4.375 | | 198 | 6 | B.M. 21-3 TO B.M. 21-4 |
| | 5.715 | | 423 | | | 4.177 | | 400 | | |
| 10 | 17.778 | 5.926 | | 4.012 | | 13.129 | 4.376 | | 4.048 6 | |
| | 5.740 | | 211 | | | 4.555 | | 213 | | TOTAL BACKSIGHTS + 78.382 |
| | 5.529 | | 214 | | | 4.342 | | 212 | | TOTAL FORESIGHTS - 63.625 |
| | 5.315 | | 425 | | | 4.130 | | 425 | | DIFF. IN ELEVATION + 14.757 |
| 11 | 16.584 | 5.528 | | 4.437 | | 15.027 | 4.342 | | 4.473 1 | |
| | 6.260 | | 228 | | | 4.128 | | 214 | | |
| | 6.032 | | 229 | | | 3.914 | | 211 | | |
| | 5.803 | | 457 | | | 3.703 | | 425 | | |
| 12 | 18.095 | 6.032 | | 4.894 | | 11.745 | 3.915 | | 4.898 6 | |
| | 6.069 | | 148 | | | 6.245 | | 145 | | |
| | 5.921 | | 148 | | | 5.900 | | 142 | | |
| | 5.773 | | 296 | | | 5.758 | | 287 | | |
| 13 | 17.763 | 5.921 | | 5.190 | | 17.703 | 5.901 | | 5.185 3 | |
| | 4.169 | | 143 | | | 6.051 | | 147 | | B.M. 21-4 |
| | 4.026 | | 142 | | | 5.904 | | 146 | | ROSECRANS AVE & AVALON BLVD. |
| | 3.884 | | 285 | | | 5.758 | | 293 | | SEE F.B. 1391-9 |
| 14 | 12.079 | 4.026 | | 5.475 | 65° | 17.713 | 5.904 | | 5.488 6 | FOR DESCRIPTION |
| | | 78.382 | | | | | 63.625 | | | |

F.B. 1391 PG. 113

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. .....
From ..... To .....
Date .....
Indexed J. 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. 139 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 CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:35 TO Rod No. 56

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-4 To B.M. 21-3
Date 12-29-52
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6113 | | 146 | | #5 | 4.232 | | 142 | | B.M. 21-4 |
| | 5.967 | | 147 | | | 4.090 | | 141 | | ROSECRANS AVE & AVALON BLVD |
| | 5820 | | 293 | | | 3.949 | | 283 | | SEE F.B. 1391-9 |
| 1 | 17.900 | 5.967 | | 293 | 65° | 12.271 | 4.090 | | 283 | FOR DESCRIPTION |
| | 5998 | | 146 | | | 6.022 | | 149 | | |
| | 5852 | | 142 | | | 5.873 | | 147 | | T. E. LANDA |
| | 5710 | | 288 | | | 5726 | | 296 | | |
| 2 | 17.560 | 5.853 | | 581 | | 17.621 | 5.874 | | 579 | |
| | 3977 | | 220 | | | 6.095 | | 222 | | |
| | 3.757 | | 219 | | | 5.873 | | 220 | | |
| | 3538 | | 439 | | | 5653 | | 442 | | |
| 3 | 11.272 | 3.757 | | 1020 | | 17.621 | 5.874 | | 1021 | |
| | 4521 | | 213 | | | 5708 | | 213 | | |
| | 4.308 | | 212 | | | 5.495 | | 213 | | |
| | 4.096 | | 425 | | | 5.282 | | 426 | | |
| 4 | 12.925 | 4.308 | | 1445 | | 16.485 | 5.495 | | 1447 | |
| | 4.555 | | 215 | | | 6122 | | 203 | | |
| | 4.340 | | 212 | | | 5.919 | | 206 | | |
| | 4128 | | 427 | | | 5713 | | 409 | | |
| 5 | 13.023 | 4.341 | | 1.872 | | 17.754 | 5.918 | | 1856 | |
| | | 24.226 | | | | | 27.251 | | | |

F.B. 1391 PG. 115

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:35 TO Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-4 To B.M. 21-3
Date 12-29-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4.841 | 24.226 | 219 | 1.872 | | 5.928 | 27.351 | 219 | 1.856 | |
| | 4.628 | | 215 | | | 5.709 | | 217 | | |
| | 4.407 | | 434 | | | 5.492 | | 436 | | |
| 6 | 13.870 | 4.623 | | 2.306 | | 17.129 | 5.710 | | 2.292 | |
| | 6.359 | | 211 | | | 6.762 | | 211 | | |
| | 6.148 | | 210 | | | 6.551 | | 213 | | |
| | 5.938 | | 421 | | | 6.338 | | 424 | | |
| 7 | 18.445 | 6.148 | | 2.727 | | 19.651 | 6.550 | | 2.716 | |
| | 4.814 | | 212 | | | 5.810 | | 214 | | |
| | 4.602 | | 209 | | | 5.596 | | 216 | | |
| | 4.393 | | 421 | | | 5.380 | | 430 | | |
| 8 | 13.809 | 4.603 | | 3.148 | | 16.786 | 5.595 | | 3.146 | |
| | 4.322 | | 213 | | | 6.053 | | 213 | | |
| | 4.109 | | 212 | | | 5.840 | | 211 | | |
| | 3.897 | | 425 | | | 5.629 | | 424 | | |
| 9 | 12.328 | 4.109 | | 3.573 | | 17.522 | 5.841 | | 3.570 | |
| | 4.538 | | 214 | | | 5.483 | | 213 | | |
| | 4.324 | | 212 | | | 5.270 | | 211 | | |
| | 4.112 | | 426 | | | 5.059 | | 424 | | |
| 10 | 12.974 | 4.325 | | 3.999 | | 15.812 | 5.271 | | 3.994 | |
| | | 48.034 | | | | | 56.218 | | | |

F.B. 139 PG. 116

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 Time 1:35 TO 2:35 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-4 To B.M. 21-3
Date 12-29-52
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4359 | 48.034 | 214 | 3.999 | | 5.544 | 56.218 | 210 | 3.994 | |
| | 4.145 | | 212 | | | 5.334 | | 210 | | |
| | 3.933 | | 426 | | | 5124 | | 420 | | SUMMATION OF RUN |
| 11 | 12.437 | 4.146 | | 4.425 | | 16.002 | 5.334 | | 4.414 | B.M. 21-4 TO B.M. 21-3 |
| | 4.275 | | 215 | | | 6308 | | 213 | | TOTAL BACKSIGHTS + 64.933 |
| | 4.060 | | 211 | | | 6.095 | | 213 | | TOTAL FORESIGHTS - 79.705 |
| | 3.849 | | 426 | | | 5.882 | | 426 | | DIFF. IN ELEVATION - 14.772 |
| 12 | 12.184 | 4.061 | | 4.851 | | 18.285 | 6.095 | | 4.840 | |
| | 4416 | | 209 | | | 5620 | | 212 | | |
| | 4.207 | | 212 | | | 5.408 | | 214 | | |
| | 3995 | | 421 | | | 5194 | | 426 | | |
| 13 | 12.618 | 4.206 | | 5.272 | | 16.222 | 5.407 | | 5.266 | |
| | | 60.447 | | | | | 78.054 | | | SY 1079 ROSECRANS AVE & CENTRAL AVE, S.E. COR |
| | | | | | | | | | | L.&T. IN E. EDGE OF CONC. PAVT ±14' |
| | | | | | | | | | | E. OF ℄ CENTRAL AVE. AND ± 70' |
| | | | | | | | | | | S OF ℄ ROSECRANS AVE |
| | 4.626 | | 141 | | | 6789 | | 138 | | B.M. 21-3 |
| | 4.485 | | 138 | | | 6.651 | | 137 | | ROSECRANS AVE & CENTRAL AVE. N.E. COR. |
| | 4.347 | | 279 | | | 6514 | | 275 | | SEE F.B. 1391-8 |
| 14 | 13.458 | 4.486 | | 5.551 | | 19.954 | 6.651 | | 5.541 | FOR DESCRIPTION |
| | | 64.933 | | | | | 79.705 | | | |

F.B. 1391 PG. 112

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

| Number of Station | BACKSIGHT | | | | B. S. Rod and Temp. | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | Thread Readings | Mean | Thread Intervals | Sum of Intervals | | Thread Readings | Mean | Thread Intervals | Sum of Intervals | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| F.B. 1391 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. Orozier Weather overcast Inst. No. 50010
Notes by E. Landa Time 10:15 - 11:20 Rod No. 5E6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-3 To B.M. 21-4
Date 12-30-57
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6.782 | | 119 | | #5 | 4.577 | | 80 | | B.M. 21-3 |
| | 6.663 | | 116 | | | 4.497 | | 80 | | Rosecrans Ave. & Central Ave |
| | 6.547 | | 235 | | | 4.417 | | 160 | | See F.B. 1391-8 |
| 1 | 17.992 | 6.664 | | 235 | 55° | 13.491 | 4.497 | | 160 | for description |
| | 6.688 | | 203 | | | 4.503 | | 221 | | SY 1079 ROSECRANS AVE. AND |
| | 5.485 | | 203 | | | 4.282 | | 220 | | CENTRAL AVE. S.E. COR. 18 T. in E |
| | 5.282 | | 406 | | | 4.062 | | 441 | | edge of Con. Pav. 3' 12" E of ℄ of |
| 2 | 16.455 | 5.485 | | 641 | | 12.847 | 4.282 | | 601 | Central & 1 70 of ℄ of Rosecrans |
| | 6.517 | | 212 | | | 4.482 | | 211 | | |
| | 6.305 | | 210 | | | 4.271 | | 211 | | ⊼ G.E. Orozier |
| | 6.095 | | 422 | | | 4.060 | | 422 | | |
| 3 | 18.917 | 6.306 | | 1.063 | | 12.813 | 4.271 | | 1.023 | |
| | 5.699 | | 202 | | | 4.528 | | 221 | | |
| | 5.497 | | 203 | | | 4.307 | | 218 | | |
| | 5.294 | | 406 | | | 4.089 | | 439 | | |
| 4 | 16.490 | 5.497 | | 1.468 | | 12.924 | 4.308 | | 1.462 | |
| | 5.952 | | 218 | | | 4.988 | | 215 | | |
| | 5.719 | | 210 | | | 4.773 | | 213 | | |
| | 5.509 | | 428 | | | 4.560 | | 428 | | |
| 5 | 17.160 | 5.720 | | 1.891 | | 14.321 | 4.774 | | 1.890 | |
| | | 29.672 | | | | | 22.132 | | | |

F.B. 1391 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 G.E. Dreier Weather Cloudy Inst. No. 500.10
Notes by E. Landa Time 10:15-11:20 Rod No. 556

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-3 To B.M. 21-4
Date 12-30-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6.542 | 29.672 | 2.12 | 1.891 | | 4.810 | 22.132 | 2.13 | 1.890 | |
| | 6.330 | | 2.11 | | | 4.597 | | 2.13 | | |
| | 6.119 | | 0.23 | | | 4.384 | | 0.26 | | |
| 6 | 18.991 | 6.330 | | 2.314 | | 13.791 | 4.597 | | 2.316 | |
| | 5.725 | | 2.13 | | | 4.782 | | 2.13 | | |
| | 5.512 | | 2.11 | | | 4.569 | | 2.11 | | |
| | 5.301 | | 0.24 | | | 4.358 | | 0.24 | | |
| 7 | 16.538 | 5.513 | | 2.738 | | 13.559 | 4.520 | | 2.700 | |
| | 6.810 | | 2.11 | | | 6.411 | | 2.13 | | |
| | 6.599 | | 2.10 | | | 6.198 | | 2.15 | | |
| | 6.389 | | 0.21 | | | 5.983 | | 0.28 | | |
| 8 | 19.798 | 6.599 | | 3.152 | | 18.592 | 6.197 | | 3.168 | |
| | 6.067 | | 2.13 | | | 4.991 | | 2.23 | | |
| | 5.854 | | 2.11 | | | 4.768 | | 2.26 | | |
| | 5.643 | | 0.24 | | | 4.542 | | 0.49 | | |
| 9 | 17.564 | 5.855 | | 3.583 | | 14.301 | 4.767 | | 3.617 | |
| | 6.190 | | 2.03 | | | 4.625 | | 2.14 | | |
| | 5.987 | | 2.00 | | | 4.411 | | 2.12 | | |
| | 5.787 | | 0.03 | | | 4.199 | | 0.26 | | |
| 10 | 17.964 | 5.988 | | 3.986 | | 13.235 | 4.412 | | 4.023 | |
| | | 59.957 | | | | | 46.625 | | | |

F.B. 1391 PG. 120

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather overcast Inst. No. 50010
Notes by E. Landa Time 10:15-11:20 Rod No. 556

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-3 To B.M. 21-4
Date 12-30-52
Indexed A. C. Tobias

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.789 | 59.957 | 212 | 3.986 | | 4.601 | 06.625 | 213 | 4.023 | |
| | 5.577 | | 214 | | | 4.388 | | 212 | | |
| | 5.363 | | 426 | | | 4.176 | | 425 | | |
| 11 | 16.729 | 5.576 | | 4.412 | | 13.165 | 4.388 | | 4.468 | |
| | 6.338 | | 229 | | | 4.202 | | 212 | | |
| | 6.109 | | 229 | | | 3.990 | | 211 | | Summation of Run |
| | 5.880 | | 458 | | | 3.779 | | 423 | | B.M. 21-3 to B.M. 21-4 |
| 12 | 18.327 | 6.109 | | 4.870 | | 11.971 | 3.990 | | 4.891 | |
| | 6.272 | | 150 | | | 6.260 | | 140 | | Total Backsights = +81.889 |
| | 6.142 | | 150 | | | 6.120 | | 139 | | Total Foresights = −67.105 |
| | 5.992 | | 300 | | | 5.981 | | 279 | | diff. in Elev. = +14.784 |
| 13 | 18.426 | 6.142 | | 5.170 | | 18.361 | 6.120 | | 5.170 | |
| | 4.246 | 71.78 | 142 | | | 6.130 | 61.1 | 148 | | B.M. 21-4 |
| | 4.104 | | 140 | | | 5.982 | | 147 | | Rosecrans ave & Avalon |
| | 3.964 | | 282 | | | 5.835 | | 295 | | See F.B. 1391-9 |
| 14 | 12.314 | 4.105 | | 5.452 | 55° | 17.947 | 5.982 | | 5.465 | for description |
| | | | | | | | | | | |
| | | 81.889 | | | | | 67.105 | | | |

F.B. 1391 PG. 121

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

| Number of Station | BACKSIGHT | | | | B. S. Rod and Temp. | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | Thread Readings | Mean | Thread Intervals | Sum of Intervals | | Thread Readings | Mean | Thread Intervals | Sum of Intervals | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| F.B. 1391 PG. 122 | | | | | | | | | | |
| | | | | | | | | | | |

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Overcast Inst. No. 50010
Notes by E. Landa Time 11:20 - 1:30 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-4 To B.M. 21-3
Date 12-30-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6.167 | | 147 | | #5 | 4.286 | | 143 | | B. M. 21-4 |
| | 6.020 | | 147 | | | 4.143 | | 141 | | Rosecrans Ave. & Avalon Ave |
| | 5.873 | | 294 | | | 4.002 | | 284 | | See F.B. 1391-9 |
| 1 | 18.060 | 6.020 | | 294 | 55° | 12.431 | 4.144 | | 284 | for description |
| | 6.230 | | 142 | | | 6.258 | | 149 | | |
| | 6.088 | | 143 | | | 6.109 | | 150 | | ⊼ G. E. Dreier |
| | 5.945 | | 285 | | | 5.959 | | 299 | | |
| 2 | 18.263 | 6.088 | | 579 | | 18.326 | 6.109 | | 583 | |
| | 4.143 | | 216 | | | 6.267 | | 225 | | |
| | 3.927 | | 217 | | | 6.042 | | 221 | | |
| | 3.710 | | 433 | | | 5.821 | | 446 | | |
| 3 | 11.780 | 3.927 | | 1.012 | | 18.130 | 6.043 | | 1.029 | |
| | 4.571 | | 203 | | | 5.777 | | 220 | | |
| | 4.368 | | 205 | | | 5.557 | | 220 | | |
| | 4.163 | | 408 | | | 5.337 | | 440 | | |
| 4 | 13.102 | 4.367 | | 1.420 | | 16.671 | 5.557 | | 1.469 | |
| | 4.709 | | 214 | | | 6.275 | | 205 | | |
| | 4.495 | | 212 | | | 6.070 | | 203 | | |
| | 4.283 | | 426 | | | 5.867 | | 408 | | |
| | 13.487 | 4.496 | | 1.846 | | 18.212 | 6.071 | | 1.877 | |
| | | 24.898 | | | | | 27.924 | | | |

F.B. 1391 PG. 123

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Draier Weather Overcast Inst. No. 500 10
Notes by E. Landa Time 11:20 - 1:3 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-4 To B.M. 21-3
Date 12-30-52
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4.967 | 24.898 | 225 | 1846 | | 6.041 | 27.924 | 211 | 1877 | |
| | 4.742 | | 223 | | | 5.830 | | 212 | | |
| | 4.519 | | 448 | | | 5.618 | | 423 | | |
| 6 | 14.228 | 4.743 | | 2294 | | 17.489 | 5.830 | | 2300 | |
| | 6.444 | | 214 | | | 6.840 | | 209 | | |
| | 6.230 | | 213 | | | 6.631 | | 210 | | |
| | 6.017 | | 427 | | | 6.421 | | 419 | | |
| 7 | 18.691 | 6.230 | | 2721 | | 19.892 | 6.631 | | 2719 | |
| | 4.683 | | 212 | | | 5.676 | | 214 | | |
| | 4.471 | | 211 | | | 5.462 | | 211 | | |
| | 4.260 | | 423 | | | 5.251 | | 423 | | |
| 8 | 13.414 | 4.471 | | 3144 | | 16.389 | 5.463 | | 3144 | |
| | 4.767 | | 215 | | | 6.494 | | 212 | | |
| | 4.552 | | 213 | | | 6.282 | | 211 | | 1 hr. for lunch |
| | 4.339 | | 428 | | | 6.071 | | 423 | | |
| 9 | 13.658 | 4.553 | | 3572 | | 18.847 | 6.282 | | 3567 | |
| | 4.977 | | 214 | | | 5.920 | | 212 | | |
| | 4.763 | | 212 | | | 5.708 | | 211 | | |
| | 4.551 | | 426 | | | 5.497 | | 423 | | |
| 10 | 14.291 | 4.764 | | 3998 | 57° | 17.125 | 5.708 | | 3990 | |
| | | 49.659 | | | | | 57.838 | | | |

F.B. 1391 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 Overcast Inst. No. 50010
Notes by E. Landa Time 11:20 - 1:30 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-4 To B.M. 21-3
Date 12-30-52
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4.542 | 49.659 | 213 | 3.998 | | 5.729 | 57.838 | 212 | 3.990 | |
| | 4.329 | | 212 | | | 5.517 | | 210 | | |
| | 4.117 | | 425 | | | 5.307 | | 422 | | |
| 11 | 12.988 | 4.329 | | 4.423 | | 16.553 | 5.518 | | 4.412 | |
| | 4.486 | | 214 | | | 6.520 | | 211 | | Summation of Run |
| | 4.272 | | 211 | | | 6.309 | | 211 | | B.M. 21-4 to B.M. 21-3 |
| | 4.061 | | 425 | | | 6.098 | | 422 | | |
| 12 | 12.819 | 4.273 | | 4.848 | | 18.927 | 6.309 | | 4.834 | |
| | 4.479 | [illegible] | 209 | | | 5.683 | [illegible] | 212 | | Total Backsights = + 66.823 |
| | 4.270 | | 209 | | | 5.471 | | 212 | | Total Foresights = - 81.595 |
| | 4.061 | | 418 | | | 5.259 | | 424 | | Diff. in Elev. = - 14.772 |
| 13 | 12.810 | 4.270 | | 5.266 | | 16.413 | 5.471 | | 5.258 | |
| | | 62.531 | | | | | 75.136 | | | SY 1079 Rosecrans Ave & Central Ave S.E.Co. L.&T. in E. edge of Con. Pav. ± 14'E of ℄ of Central ± 70/65 of ℄ Rosecrans |
| | 4.387 | | 95 | | | 6.562 | | 103 | | B.M. 21-3 |
| | 4.292 | | 95 | | | 6.459 | | 104 | | Rosecrans Ave. & Central Ave |
| | 4.197 | | 190 | | | 6.355 | | 207 | | See F.B. 1391-8 |
| 14 | 12.876 | 4.292 | | 5.456 | 57° | 19.376 | 6.459 | | 5.465 | for description |
| | | 66.823 | | | | | 81.595 | | | |

F.B. 1391 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 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. 391 PG. 126 | | | | | | | | | | |
| | | | | | | | | | | |

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 2:35 TO 3:10 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-3 To B.M. 21-4
Date 12-30-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6.412 | | 102 | | #5 | 4.242 | | 98 | | B.M. 21-3 |
| | 6.310 | | 102 | | | 4.144 | | 96 | | ROSECRANS AVE & CENTRAL AVE |
| | 6208 | | 204 | | | 4.048 | | 194 | | SEE F.B. 1391-8 |
| 1 | 18.930 | 6.310 | | 204 | 57° | 12.434 | 4.145 | | 194 | FOR DESCRIPTION |
| | | | | | | | | | | SY 1079 |
| | | | | | | | | | | LOT. IN E. EDGE OF CONC. |
| | | | | | | | | | | PAV'T, ±14' E. OF ℄ OF CENTRAL |
| | | | | | | | | | | AVE, ±65 S. OF ℄ OF ROSECRANS |
| | 5.652 | | 213 | | | 4.452 | | 214 | | |
| | 5.439 | | 209 | | | 4.238 | | 210 | | T. E. LANDA |
| | 5230 | | 422 | | | 4.028 | | 424 | | |
| 2 | 16.321 | 5.440 | | 626 | | 12.718 | 4.239 | | 618 | |
| | 6.352 | | 212 | | | 4.320 | | 212 | | |
| | 6.140 | | 210 | | | 4.108 | | 212 | | |
| | 5930 | | 422 | | | 3.896 | | 424 | | |
| 3 | 18.422 | 6.141 | | 1.048 | | 12.324 | 4.108 | | 1.042 | |
| | 5.461 | | 210 | | | 4.277 | | 214 | | |
| | 5.251 | | 211 | | | 4.063 | | 211 | | |
| | 5.040 | | 42 | | | 3.852 | | 425 | | |
| 4 | 15.752 | 5.251 | | 1.469 | | 12.192 | 4.064 | | 1.467 | |
| | | 23.142 | | | | | 16.556 | | | |

F.B. 1391 PG. 127

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50610
Notes by G.E. DREIER Time 2:35 TO 5:16 Rod No. 56

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 23-3 To B.M. 23-4
Date 12-30-52
Indexed

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.450 | 23.142 | 213 | 1469 | | 4.504 | 16.556 | 213 | 1467 | |
| | 5.237 | | 214 | | | 4.291 | | 212 | | |
| | 5.023 | | 427 | | | 4.079 | | 425 | | |
| 5 | 15.710 | 5.237 | | 1596 | | 12.874 | 4.291 | | 1892 | |
| | 6.508 | | 212 | | | 4.272 | | 214 | | |
| | 5.790 | | 213 | | | 4.058 | | 211 | | |
| | 5.577 | | 425 | | | 3.847 | | 425 | | |
| 6 | 17.369 | 5.790 | | 2321 | | 12.177 | 4.059 | | 2317 | |
| | 5.307 | | 214 | | | 4.313 | | 212 | | |
| | 5.093 | | 214 | | | 4.101 | | 212 | | Ended day |
| | 4.879 | | 428 | | | 3.889 | | 424 | | |
| 7 | 15.279 | 5.093 | | 2749 | | 12.303 | 4.101 | | 2741 | |
| | 6.593 | | 212 | | | [illegible] | | 215 | | |
| | 6.381 | | 208 | | | 5.972 | | 214 | | |
| | 6.173 | | 420 | | | 5.758 | | 429 | | |
| 8 | 19.147 | 6.382 | | 3169 | | 17.947 | 5.982 | | 3170 | |
| | 5.989 | | 210 | | | 4.975 | | 208 | | |
| | 5.779 | | 206 | | | 4.767 | | 207 | | |
| | 5.573 | | 416 | | | 4.560 | | 415 | | |
| 9 | 17.341 | 5.780 | | 3585 | | 14.302 | 4.767 | | 3585 | |
| | | 51.424 | | | | | 39.756 | | | |

F.B. 1291 PG. 128

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 T. OHASHI Time 9:30 - 10:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-3 To B.M. 21-4
Date 12-30-52
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6130 | 5.429 | 219 | 3585 | | 4479 | 39.750 | 220 | 3585 | |
| | 5912 | | 220 | | | 4259 | | 216 | | |
| | 5692 | | 438 | | | 4043 | | 436 | | |
| 10 | 17.734 | 5.911 | | 4023 | | 12.781 | 4.260 | | 4021 | |
| | 5919 | | 210 | | | 4735 | | 214 | | |
| | 5709 | | 213 | | | 4521 | | 212 | | SUMMATION OF RUN |
| | 5496 | | 423 | | | 4309 | | 426 | | B.M. 23-3 TO B.M. 23-4 |
| 11 | 17.124 | 5.708 | | 4446 | | 13.565 | 4.522 | | 4447 | |
| | 6313 | | 223 | | | 4195 | | 221 | | TOTAL BACKSIGHTS = +78.974 |
| | 6090 | | 220 | | | 3974 | | 217 | | TOTAL FORESIGHTS = -64.210 |
| | 5870 | | 443 | | | 3757 | | 438 | | DIFF IN ELEVATION = +14.764 |
| 12 | 18.273 | 6.091 | | 4889 | | 11.926 | 3.975 | | 4885 | |
| | 5893 | | 145 | | | 5875 | | 147 | | |
| | 5748 | | 146 | | | 5728 | | 148 | | |
| | 5602 | | 291 | | | 5580 | | 295 | | |
| 13 | 17.243 | 5.748 | | 5180 | | 17.183 | 5.728 | | 5180 | |
| | 4233 | | 141 | | | 6117 | | 148 | | B.M. 23-4 |
| | 4092 | | 141 | | | 5969 | | 147 | | ROSECRANS AVE & AVALON BLVD. |
| | 3951 | | 282 | | | 5822 | | 295 | | SEE F.B. 1391-9 |
| 14 | 12.276 | 4.092 | | 5462 | 68° | 17.908 | 5.969 | | 5475 | FOR DESCRIPTION |
| | | 78.974 | | | | | 64.210 | | | |

F.B. 1391 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 ..... Weather ..... Inst. No. .....
Notes by ..... Time ..... Rod No. .....

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

| Number of Station | BACKSIGHT | | | | B. S. Rod and Temp. | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | Thread Readings | Mean | Thread Intervals | Sum of Intervals | | Thread Readings | Mean | Thread Intervals | Sum of Intervals | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| F.B. 639 PG. 130 | | | | | | | | | | |
| | | | | | | | | | | |

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by T. Ohashi Time 11:00 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM. 21-4 To BM. 21-5
Date 12-31-52
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.198 | | 070 | | | 5.795 | | 079 | | B.M. 21-4 |
| | 5.128 | | 073 | | | 5.716 | | 077 | | Rosecrans Ave. & Avalon BLVD |
| | 5.055 | | 143 | | | 5.639 | | 156 | | SEE F.B. 1391-9 |
| 1. | 15.381 | 5.127 | | 143 | 58° | 17.150 | 5.717 | | .156 | FOR DESCRIPTION |
| | | | | | | | | | | S.Y. 217 |
| | | | | | | | | | | Lead & Tack at inters. of |
| | | | | | | | | | | Rosecrans Ave. & Avalon |
| | 0.920 | | 222 | | | 6.410 | | 221 | | |
| | 0.698 | | 225 | | | 6.189 | | 219 | | |
| | 0.473 | | 447 | | | 5.970 | | 440 | | |
| 2. | 2.091 | 0.697 | | 590 | | 18.569 | 6.190 | | .596 | |
| | 4.843 | | 213 | | | 5.857 | | 216 | | |
| | 4.630 | | 212 | | | 5.641 | | 213 | | |
| | 4.418 | | 425 | | | 5.428 | | 429 | | |
| 3. | 13.891 | 4.630 | | 1.015 | | 16.926 | 5.642 | | 1.025 | |
| | 4.822 | | 209 | | | 5.764 | | 209 | | |
| | 4.613 | | 206 | | | 5.555 | | 207 | | |
| | 4.407 | | 415 | | | 5.348 | | 416 | | |
| 4. | 13.842 | 4.614 | | 1.430 | | 16.667 | 5.556 | | 1.441 | |
| | | 15.068 | | | | | 23.105 | | | |

F.B. 1391 PG. 131

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: G. E. Deier
Notes by: T. Ohashi
Weather: Clear
Time: 11:00 A.M.
Inst. No.: 50010
Rod No.: 5 & 6

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 4923
From: BM. 21-4 To: BM. 21-5
Date: 12-31-52
Indexed: R. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4.879 | 15.068 | 215 | 1430 | | 5.370 | 23.105 | 212 | 1441 | |
| | 4.664 | | 211 | | | 5.158 | | 211 | | |
| | 4.453 | | 426 | | | 4.947 | | 424 | | |
| 5 | 13.996 | 4.665 | | 1856 | | 15.475 | 5.158 | 3 | 1865 | |
| | 5.973 | | 214 | | | 4.759 | | 211 | | |
| | 5.759 | | 215 | | | 4.548 | | 209 | | |
| | 5.544 | | 429 | | | 4.339 | | 420 | | |
| 6. | 17.276 | 5.759 | | 2285 | | 13.646 | 4.549 | | 2285 | |
| | 5.960 | | 212 | | | 4.555 | | 214 | | |
| | 5.748 | | 211 | | | 4.341 | | 210 | | |
| | 5.537 | | 423 | | | 4.131 | | 424 | | |
| 7. | 17.245 | 5.748 | | 2708 | | 13.027 | 4.342 | | 2709 | |
| | 6.162 | | 213 | | | 4.853 | | 213 | | |
| | 5.949 | | 213 | | | 4.640 | | 210 | | |
| | 5.736 | | 426 | | | 4.430 | | 423 | | |
| 8. | 17.847 | 5.949 | | 3134 | | 13.923 | 4.641 | | 3132 | |
| | 5.812 | | 215 | | | 4.831 | | 214 | | |
| | 5.597 | | 214 | | | 4.617 | | 214 | | |
| | 5.383 | | 429 | | | 4.403 | | 428 | | |
| 9 | 16.792 | 5.597 | | 3563 | | 13.851 | 4.617 | | 3560 | |
| | | 42.786 | | | | | 46.112 | | | |

F.B. 1291 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 T. Ohashi Time 11:00 to 12:00 Rod No. 5 6'6

Name
Job No. 4923
From B.M. 21-4 To B.M. 21-5
Date 12-31-52
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.893 | 42.786 | 118 | 3563 | | 4.812 | 46.412 | 118 | 3564 59 | |
| | 5.775 | | 117 | | | 4.694 | | 115 | | |
| | 5.658 | | 235 | | | 4.579 | | 233 | | |
| 10 | 17326 | 5.775 | | 3798 | | 14085 | 4.695 | | 3797 2 | |
| | 5.535 | | 117 | | | 5.301 | | 120 | | B.M. 21-5 |
| | 5.418 | | 118 | | | 5.181 | | 120 | | Rosecrans Ave & Main St. |
| | 5.300 | | 235 | | | 5.061 | | 240 | | See F.B. 139, -10 |
| 11 | 16253 | 5.418 | | 4033 | 60° | 15543 | 5.184 | | 4032 2 | for description |
| | | | | | | | | | | Summation of Run B.M. 21-4 to B.M. 21-5 |
| | | | | | | | | | | Total Backsight = + 53.979 Total Foresight = - 56.288 Diff. in Elev. = - 2.309 |
| | | | | | | | | | | |
| | | 53.979 | | | | | 56.288 | | | |

F.B. 139 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 ..... Weather ..... Inst. No. .....
Notes by ..... Time ..... Rod No. .....

Name .....
Job No. .....
From ..... To .....
Date .....
Indexed A. C. Johnson

| Number of Station | BACKSIGHT | | | | B. S. Rod and Temp. | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | Thread Readings | Mean | Thread Intervals | Sum of Intervals | | Thread Readings | Mean | Thread Intervals | Sum of Intervals | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| F.B. 139 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. Deier Weather Part Cloudy Inst. No. 50010
Notes by T. Ohashi Time 1:30 P.M. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-5 To B.M. 21-4
Date 12-31-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1. | 5130<br>5010<br>4891<br>15.031 | 5.010 | 120<br>119<br>239 | .239 | | 5366<br>5246<br>5129<br>15.741 | 5.247 | 120<br>117<br>237 | .237 | B.M. 21-5<br>ROSECRANS AVE & MAIN ST.<br>SEE F.B. 1391-10<br>FOR DESCRIPTION |
| 2. | 4558<br>4440<br>4323<br>13.321 | 4.440 | 118<br>117<br>235 | .474 | | 5642<br>5524<br>5406<br>16.572 | 5.524 | 118<br>118<br>236 | .473 | T. E. LANDA |
| 3. | 4787<br>4572<br>4360<br>13.719 | 4.573 | 215<br>212<br>427 | .901 | | 5769<br>5553<br>5340<br>16.662 | 5.554 | 216<br>213<br>429 | .902 | |
| 4 | 4842<br>4632<br>4420<br>13.894 | 4.631 | 210<br>212<br>422 | 1.323 | | 6155<br>5940<br>5729<br>17.824 | 5.941 | 215<br>211<br>426 | 1.328 | |
| 5. | 4553<br>4340<br>4130<br>13.023 | 4.341 | 213<br>210<br>423 | 1.746 | | 5959<br>5745<br>5533<br>17.237 | 5.746 | 214<br>212<br>426 | 1.754 | |
| | | 22.995 | | | | | 28.012 | | | |

F.B. 1391 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 G. E. Dreier Weather Partly Cloudy Inst. No. 50010
Notes by T. Ohashi Time 1:30 P.M. Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-5 To B.M. 21-4
Date 12-31-52
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4722 | 22995 | 214 | 1746 | | 5931 | 28012 | 211 | 1754 | |
| | 4508 | | 216 | | | 5720 | | 211 | | |
| | 4292 | | 430 | | | 5509 | | 422 | | |
| 6. | 13522 | 4507 | | 2176 | | 17160 | 5720 | | 2176 | |
| | 5385 | | 213 | | | 4893 | | 214 | | |
| | 5172 | | 213 | | | 4679 | | 211 | | |
| | 4959 | | 426 | | | 4468 | | 425 | | |
| 7. | 15516 | 5172 | | 2602 | | 14040 | 4680 | | 2601 | |
| | 5733 | | 210 | | | 4792 | | 207 | | |
| | 5523 | | 206 | | | 4585 | | 206 | | |
| | 5317 | | 416 | | | 4379 | | 413 | | |
| 8. | 16573 | 5524 | | 3018 | | 13756 | 4585 | | 3014 | |
| | 7646 | | 215 | | | 6638 | | 217 | | |
| | 7431 | | 212 | | | 6421 | | 218 | | |
| | 7219 | | 427 | | | 6203 | | 425 | | |
| 9. | 22296 | 7432 | | 3445 | | 19262 | 6421 | | 3439 | |
| | 7017 | | 219 | | | 1534 | | 225 | | |
| | 6798 | | 216 | | | 1309 | | 223 | | |
| | 6582 | | 435 | | | 1086 | | 448 | | |
| 10. | 20397 | 6799 | | 3880 | | 3929 | 1310 | | 3887 | |
| | | 52429 | | | | | 50720 | | | |

F.B. 39 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 Partly Cloudy Inst. No. 50010
Notes by T. Ohashi Time 1:30 - 2:35 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-5 To B.M. 21-4
Date 12-31-52
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 52.429 | | 3.880 | | | 50.728 | | 3.877 | SY 217 L&T at inter. of ROSECRANS AVE. & AVALON BLVD. |
| " | 5.764<br>5.689<br>5.613 | 17.066 | 075<br>076<br>151 | 5.689 | 4.03 N | 5.172<br>5.098<br>5.022 | 15.292 | 074<br>076<br>150 | 5.097 | 4.037 B.M. 21-4 ROSECRANS AVE & AVALON BLVD SEE F.B. 1391-9 |
| | | | | | | | | | | Summation of Run BM.21-5 to BM.21-4 |
| | | | | | | | | | | Total Backsight = +58.118<br>Total Foresight = -55.825<br>Diff in Elev. = +2.293 |
| | | | | | | | | | | |
| | | 58.118 | | | | | 55.825 | | | |

F.B. 1391 PG. 37

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name .....
Job No. .....
From ..... To .....
Date .....
Indexed A. C. Johnson

| Number of Station | BACKSIGHT | | | | B. S. Rod and Temp. | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | Thread Readings | Mean | Thread Intervals | Sum of Intervals | | Thread Readings | Mean | Thread Intervals | Sum of Intervals | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| F.B. 139 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 G.E. DREIER Time 2:20 TO 3:00 Rod No. 546

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-4 To B.M. 21-5
Date 1-5-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5311 | | 069 | | #5 | 5913 | | 080 | | B.M. 21-4 |
| | 5242 | | 069 | | | 5833 | | 080 | | ROSECRANS AVE & AVALON BLVD. |
| | 5173 | | 138 | | | 5753 | | 160 | | SEE F.B. 1391-9 |
| 1 | 15726 | 5242 | | 138 | | 17499 | 5833 | | 160 | FOR DESCRIPTION |
| | 1769 | | 224 | | | 7255 | | 219 | | Sy 217 L & T. AT INTER. |
| | 1545 | | 225 | | | 7036 | | 218 | | OF ROSECRANS AVE & AVALON BLVD. |
| | 1320 | | 449 | | | 6818 | | 437 | | |
| 2 | 4634 | 1545 | | 587 | | 21109 | 7036 | | 597 | T E. LANDA |
| | 6082 | | 213 | | | 7091 | | 214 | | |
| | 5869 | | 213 | | | 6877 | | 215 | | |
| | 5656 | | 426 | | | 6662 | | 429 | | |
| 3 | 17607 | 5869 | | 1013 | | 20630 | 6877 | | 1026 | |
| | 5122 | | 208 | | | 6061 | | 207 | | |
| | 4914 | | 212 | | | 5854 | | 206 | | |
| | 4702 | | 420 | | | 5648 | | 413 | | |
| 4 | 14738 | 4913 | | 1433 | | 17563 | 5854 | | 439 | |
| | 5599 | | 214 | | | 6088 | | 214 | | |
| | 5385 | | 213 | | | 5874 | | 213 | | |
| | 5172 | | 427 | | | 5661 | | 427 | | |
| 5 | 16156 | 5385 | | 1860 | | 17623 | 5874 | | 1866 | |
| | | 22954 | | | | | 21474 | | | |

F.B. 1391 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 G. E. DREIER Time [illegible] Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-4 To B.M. 21-5
Date 12-5-52
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.999 | 22.954 | 212 | 1863 | | 4.788 | 31.474 | 211 | 1866 | |
| | 5.787 | | 213 | | | 4.574 | | 218 | | |
| | 5.574 | | 425 | | | 4.356 | | 427 | | |
| 6 | 17.360 | 5.787 | | 2.285 | 67° | 13.723 | 4.574 | | 3.209 | |
| | 5.689 | | 216 | | | 4.273 | | 209 | | |
| | 5.473 | | 214 | | | 4.064 | | 210 | | |
| | 5.259 | | 430 | | | 3.854 | | 419 | | |
| 7 | 16.421 | 5.470 | | 2.715 | | 12.203 | 4.069 | | 2.712 | |
| | 5.874 | | 215 | | | 4.563 | | 212 | | |
| | 5.659 | | 211 | | | 4.351 | | 212 | | |
| | 5.448 | | 426 | | | 4.139 | | 424 | | |
| 8 | 16.981 | 5.660 | | 3.141 | | 13.053 | 4.351 | | 3.136 | |
| | 5.789 | | 215 | | | 4.367 | | 215 | | |
| | 5.574 | | 214 | | | 4.152 | | 215 | | |
| | 5.360 | | 429 | | | 3.937 | | 427 | | |
| 9 | 16.723 | 5.574 | | 3.570 | | 12.456 | 4.152 | | 2.563 | |
| | 5.604 | | 117 | | | 4.523 | | 119 | | |
| | 5.487 | | 122 | | | 4.403 | | 116 | | |
| | 5.365 | | 239 | | | 4.287 | | 232 | | |
| 10 | 16.459 | 5.486 | | 3.826 | | 13.213 | 4.404 | | 3.796 | |
| | | 50.955 | | | | | [illegible] | | | |

F.B. 1391 PG. 140

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER  Weather CLEAR  Inst. No. [illegible]
Notes by G. E. DREIER  Time 2:20 TO 5:00  Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-4 To B.M. 21-5
Date 1-5-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5249 | 50.985 ✓ | 119 | 3806 ✓ | | 5018 | [illegible] ✓ | 125 | 3796 ✓ | B.M. 21-5 |
| | 5130 | | 117 | | | [illegible] | | 121 | | ROSECRANS AVE & [illegible] ST. |
| | 5013 | | 236 ✓ | | | 4.772 | | 246 ✓ | | SEE F.B. 1391-10 |
| | 15392 | 5.131 ✓ | | 4042 ✓ | 64° | 14.683 | 4.894 ✓ | | 4042 ✓ | FOR DESCRIPTION |
| | | | | | | | | | | SUMMATION OF RUN B.M. 21-4 TO B.M. 21-5 |
| | | | | | | | | | | TOTAL BACKSIGHTS = 56.036 ✓ |
| | | | | | | | | | | TOTAL FORESIGHTS = 58.357 ✓ |
| | | | | | | | | | | DIFF. IN ELEVATION = 2.291 ✓ |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | 56.036 ✓ | | | | | 58.357 ✓ | | | |

F.B. 1391 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 ..... Weather ..... Inst. No. .....
Notes by ..... Time ..... Rod No. .....

Name L. A. CO. PRECISE LEVEL NET
Job No. .....
From ..... To .....
Date .....
Indexed L. O. 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. 1391 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

**L. A. CO. PRECISE LEVEL NET**

Chief of Party G. E. Oroier Weather Clear Inst. No. 50010
Notes by E. Landa Time 9:45 to 10:30 Rod No. 5 & 6

Name
Job No. 4923
From B.M. 21-5 To B.M. 21-6
Date 1-2-53
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 7.583 | | 214 | | #5 | 1.366 | | 214 | | B.M. 21-5 (City of L.A. Watts D-12) |
| | 7.369 | | 212 | | | 1.152 | | 211 | | Rosecrans Ave & Main St. |
| | 7.157 | | 426 | | | 0.941 | | 425 | | See F.B. 1391-10 |
| 1 | 22.109 | 7.370 | | 426 | 64 | 3.459 | 1.153 | | 425 | for description |
| | 8.383 | | 214 | | | 5.711 | | 212 | | |
| | 8.169 | | 214 | | | 5.499 | | 212 | | ↑ F.B. [illegible] |
| | 7.955 | | 428 | | | 5.287 | | 424 | | |
| 2 | 24.507 | 8.169 | | 854 | | 16.497 | 5.499 | | 849 | |
| | 5.209 | | 211 | | | 6.551 | | 214 | | |
| | 4.998 | | 210 | | | 6.337 | | 214 | | |
| | 4.788 | | 421 | | | 6.123 | | 428 | | |
| 3 | 14.995 | 4.998 | | 1275 | | 19.011 | 6.337 | | 1277 | |
| | 3.187 | | 210 | | | 7.312 | | 213 | | |
| | 2.977 | | 210 | | | 7.099 | | 210 | | |
| | 2.767 | | 420 | | | 6.889 | | 423 | | |
| 4 | 8.931 | 2.977 | | 1695 | | 21.300 | 7.100 | | 1700 | |
| | 3.440 | | 198 | | | 4.649 | | 198 | | |
| | 3.242 | | 197 | | | 4.451 | | 198 | | |
| | 3.025 | | 395 | | | 4.253 | | 396 | | |
| 5 | 9.727 | 3.242 | | 2090 | | 13.353 | 4.451 | | 2096 | |
| | | 26.750 | | | | | 22.540 | | | |

F.B. 1391 PG. 145

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 9:45 to 10:30 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-5 To B.M. 21-6
Date 1-2-53
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4.112 | 26.756 | 211 | 2.090 | | 7.165 | 24.540 | 213 | 2.096 | |
| | 3.901 | | 211 | | | 6.952 | | 213 | | |
| | 3.690 | | 422 | | | 6.739 | | 426 | | |
| 6 | 11.703 | 3.901 | | 2.512 | | 20.856 | 6.952 | | 2.522 | |
| | 3.387 | | 215 | | | 6.864 | | 212 | | |
| | 3.172 | | 212 | | | 6.652 | | 210 | | Summation of Run |
| | 2.960 | | 427 | | | 6.442 | | 422 | | B.M. 21-5 to B.M. 21-6 |
| 7 | 9.519 | 3.173 | | 2.939 | | 19.958 | 6.653 | | 2.944 | |
| | 4.437 | | 212 | | | 7.294 | | 212 | | Total Backsights = 46.004 |
| | 4.225 | | 212 | | | 7.082 | | 212 | | Total Fore. " = 59.104 |
| | 4.013 | | 424 | | | 6.870 | | 424 | | diff. in Elev. = -13.100 |
| 8 | 12.675 | 4.225 | | 3.363 | | 21.246 | 7.082 | | 3.368 | |
| | 3.869 | | 129 | | | 6.785 | | 127 | | |
| | 3.740 | | 128 | | | 6.658 | | 128 | | |
| | 3.612 | | 257 | | | 6.530 | | 255 | | |
| 9 | 11.221 | 3.740 | | 3.620 | | 19.973 | 6.658 | | 3.623 | |
| | 4.341 | | 132 | | | 7.348 | | 129 | | B.M. 21-6 (city of L.A. Watts -C-12B) |
| | 4.209 | | 132 | | | 7.219 | | 128 | | Rosecrans Ave. & Figueroa |
| | 4.077 | | 264 | | | 7.091 | | 257 | | See F.B. 1391-11 |
| 10 | 12.627 | 4.209 | | 3.884 | 69° | 21.658 | 7.219 | | 3.880 | for description |
| | | 46.004 | | | | | 59.104 | | | |

F.B. 1391 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 10:30 to 11:15 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-6 To B.M. 21-5
Date 1-2-53
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 7309 | | 128 | | #5 | 4302 | | 132 | | B.M. 21-6 (City of L.A. Water C-12B) |
| | 7181 | | 129 | | | 4170 | | 132 | | Rosecrans Ave. & Figueroa |
| | 7052 | | 257 | | | 4038 | | 264 | | See F.B. 1391-11 |
| 1 | 21542 | 7181 | | 257 | 69° | 12510 | 4170 | | 264 | for description |
| | 6770 | | 128 | | | 3856 | | 128 | | |
| | 6642 | | 129 | | | 3728 | | 128 | | ⊼ G. E. Dreier |
| | 6513 | | 257 | | | 3600 | | 256 | | |
| 2 | 19925 | 6642 | | 514 | | 11184 | 3728 | | 520 | |
| | 7273 | | 212 | | | 4417 | | 214 | | |
| | 7061 | | 211 | | | 4203 | | 210 | | |
| | 6850 | | 423 | | | 3993 | | 424 | | |
| 3 | 21184 | 7061 | | 937 | | 12613 | 4204 | | 944 | |
| | 6738 | | 212 | | | 3259 | | 212 | | |
| | 6526 | | 213 | | | 3047 | | 215 | | |
| | 6313 | | 425 | | | 2832 | | 427 | | |
| 4 | 19577 | 6526 | | 1362 | | 9138 | 3046 | | 1371 | |
| | 7227 | | 215 | | | 4172 | | 210 | | |
| | 7012 | | 213 | | | 3962 | | 210 | | |
| | 6799 | | 428 | | | 3752 | | 420 | | |
| 5 | 21038 | 7013 | | 1790 | | 11886 | 3962 | | 1791 | |
| | | 34423 | | | | | 19110 | | | |

F.B. 1391 PG. 145

FORM 379 SM 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: G.E. Drover
Notes by: E. Landa
Weather: clear
Time: 10:30 to 11:15
Inst. No.: 50010
Rod No.: 5 & 6

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 4923
From: B.M. 21-6 To: B.M. 21-5
Date: 1-2-53
Indexed: A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4.673 | 30.423 | 197 | 1.790 | | 3.466 | 9.176 | 199 | 1.791 | |
| | 4.476 | | 197 | | | 3.267 | | 199 | | |
| | 4.279 | | 394 | | | 3.068 | | 398 | | |
| 6 | 13.428 | 4.476 | | 2.184 | | 9.801 | 3.267 | | 2.189 | |
| | 7.368 | | 213 | | | 3.201 | | 210 | | Summation of Run |
| | 7.115 | | 213 | | | 2.991 | | 211 | | B.M. 21-6 to B.M. 21-5 |
| | 6.902 | | 426 | | | 2.780 | | 421 | | |
| 7 | 21.385 | 7.115 | | 2.610 | | 8.972 | 2.991 | | 2.610 | |
| | 6.568 | | 215 | | | 5.220 | | 212 | | Total Backsights = + 58.909 |
| | 6.353 | | 212 | | | 5.012 | | 209 | | Total Forea " = - 45.809 |
| | 6.141 | | 427 | | | 4.803 | | 421 | | Diff. in elev. = + 13.100 |
| 8 | 19.062 | 6.354 | | 3.037 | | 15.039 | 5.013 | | 3.031 | |
| | 5.587 | | 216 | | | 8.258 | | 214 | | |
| | 5.371 | | 212 | | | 8.044 | | 213 | | |
| | 5.159 | | 428 | | | 7.831 | | 427 | | |
| 9 | 16.117 | 5.372 | | 3.465 | | 20.133 | 8.044 | | 3.458 | |
| | 1.382 | | 214 | | | 7.599 | | 216 | | B.M. 21-5 (City of L.A. Watts 0-12) |
| | 1.168 | | 210 | | | 7.383 | | 214 | | Rosecrans Ave. & Main St. |
| | 0.958 | | 424 | | | 7.169 | | 430 | | See F.B. 1391-10 |
| 10 | 3.508 | 1.169 | | 3.889 | 73° | 22.151 | 7.384 | | 3.888 | for description |
| | | 58.909 | | | | | 45.109 | | | |

F.B. 1391 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 G.E. DREIER Time 2:00 TO 2:50 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-6 To B.M. 21-7
Date 1-2-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4538 | | 213 | | #5 | 7.172 | | 213 | | B.M. 21-6 (L.A. CITY WATTS C-128) |
| | 4325 | | 212 | | | 6.959 | | 211 | | ROSECRANS AVE & FIGUEROA ST. |
| | 4.113 | | 425 | | | 6.748 | | 424 | | SEE F.B. 1391-11 |
| 1 | 12.976 | 4.325 | | 425 | 73° | 20.879 | 6.960 | | 424 | FOR DESCRIPTION |
| | 3437 | | 215 | | | 6419 | | 216 | | π E. LANDE |
| | 3222 | | 212 | | | 6.203 | | 212 | | |
| | 3010 | | 427 | | | 5.991 | | 428 | | |
| 2 | 9.669 | 3.223 | | 852 | | 18.613 | 6.204 | | 852 | |
| | 3.510 | | 215 | | | 7.025 | | 213 | | |
| | 3.295 | | 214 | | | 6.812 | | 212 | | |
| | 3.081 | | 429 | | | 6.600 | | 425 | | |
| 3 | 9.886 | 3.295 | | 1281 | | 20.437 | 6.812 | | 1277 | |
| | 5.406 | | 214 | | | 5981 | | 211 | | |
| | 5.192 | | 212 | | | 5.770 | | 212 | | |
| | 4.980 | | 426 | | | 5.558 | | 423 | | |
| 4 | 15.578 | 5.193 | | 1.707 | | 17.309 | 5.770 | | 1.700 | |
| | 4808 | | 215 | | | 7.736 | | 213 | | |
| | 4593 | | 211 | | | 7523 | | 210 | | |
| | 4382 | | 426 | | | 7313 | | 423 | | |
| 5 | 13783 | 4.594 | | 2.133 | | 22572 | 7.524 | | 2.123 | |
| | | 20630 | | | | | 33270 | | | |

F.B. 1391 PG. 147

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO 2:50 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-6 To B.M. 21-7
Date 1-2-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2.541 | 20.630 | 211 | 2.133 | | 8.251 | 33.270 | 214 | 2.123 | |
| | 2.330 | | 213 | | | 8.037 | | 216 | | |
| | 2.117 | | 424 | | | 7.821 | | 430 | | |
| 6 | 6.988 | 2.329 | | 2.557 | | 24.109 | 8.036 | | 2.553 | |
| | 2.548 | | 215 | | | 8.384 | | 212 | | |
| | 2.333 | | 212 | | | 8.172 | | 212 | | SUMMATION OF RUN |
| | 2.121 | | 427 | | | 7.960 | | 424 | | B.M. 21-6 TO B.M. 21-7 |
| 7 | 7.002 | 2.334 | | 2.984 | | 24.516 | 8.172 | | 2.977 | TOTAL BACKSIGHTS +33.539 |
| | 2.681 | | 223 | | | 8.109 | | 215 | | TOTAL FORESIGHTS -72.026 |
| | 2.468 | | 213 | | | 7.894 | | 214 | | DIFF. IN ELEVATION -38.487 |
| | 2.255 | | 436 | | | 7.680 | | 429 | | |
| 8 | 7.404 | 2.468 | | 3.420 | | 23.683 | 7.894 | | 3.406 | |
| | 3.217 | | 147 | | | 7.882 | | 145 | | |
| | 3.070 | | 147 | | | 7.737 | | 145 | | |
| | 2.923 | | 294 | | | 7.592 | | 290 | | |
| 9 | 9.210 | 3.070 | | 3.714 | | 23.211 | 7.737 | | 3.696 | |
| | 2.851 | | 142 | | | 7.069 | | 152 | | B.M. 21-7 |
| | 2.709 | | 144 | | | 6.917 | | 152 | | ROSECRANS AVE & VERMONT AVE |
| | 2.565 | | 286 | | | 6.765 | | 304 | | SEE F.B. 1391-12 |
| 10 | 8.125 | 2.708 | | 4.000 | 71° | 20.751 | 6.917 | | 4.000 | FOR DESCRIPTION |
| | | 33.539 | | | | | 72.026 | | | |

F.B. 1391 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 G.E. DREIER Time 2:50 to 3:40 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-7 To B.M. 21-6
Date 1-2-53
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 7.06 | | 149 | | #5 | 2.852 | | 146 | | BM21-7 |
| | 6.912 | | 147 | | | 2.706 | | 147 | | ROSECRANS AVE & VERMONT AVE |
| | 6.765 | | 296 | | | 2.559 | | 293 | | SEE F.B. 1391-12 |
| 1 | 20.738 | 6.913 | | 296 | 71° | 8.117 | 2.706 | | 293 | FOR DESCRIPTION |
| | 7.886 | | 147 | | | 3.218 | | 147 | | |
| | 7.739 | | 144 | | | 3.071 | | 144 | | |
| | 7.595 | | 291 | | | 2.927 | | 291 | | |
| 2 | 23.220 | 7.740 | | 587 | | 9.216 | 3.072 | | 584 | |
| | 8.111 | | 213 | | | 2.685 | | 214 | | |
| | 7.898 | | 216 | | | 2.471 | | 212 | | |
| | 7.682 | | 429 | | | 2.259 | | 426 | | |
| 3 | 23.691 | 7.897 | | 1016 | | 7.415 | 2.472 | | 1010 | |
| | 8.377 | | 213 | | | 2.539 | | 213 | | |
| | 8.164 | | 211 | | | 2.326 | | 213 | | |
| | 7.953 | | 424 | | | 2.113 | | 426 | | |
| 4 | 24.494 | 8.165 | | 1.440 | | 6.978 | 2.326 | | 1436 | |
| | 8.283 | | 214 | | | 2.573 | | 214 | | |
| | 8.069 | | 215 | | | 2.359 | | 210 | | |
| | 7.854 | | 429 | | | 2.149 | | 424 | | |
| 5 | 24.206 | 8.069 | | 1.869 | | 7.081 | 2.360 | | 1860 | |
| | | 38.784 | | | | | 12.936 | | | |

F.B. 1391 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 2:50 TO 3:40 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-7 To B.M. 21-6
Date 1-2-53
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 7.738 | 38.784 | 211 | 1.869 | | 4.816 | 12.936 | 213 | 1.860 | |
| | 7.527 | | 212 | | | 4.597 | | 213 | | |
| | 7.315 | | 423 | | | 4.384 | | 426 | | |
| 5 | 22.580 | 7.527 | | 2.292 | | 13.791 | 4.597 | | 2.286 | |
| | 6.029 | | 213 | | | 5.451 | | 213 | | |
| | 5.816 | | 214 | | | 5.238 | | 213 | | |
| | 5.602 | | 427 | | | 5.025 | | 426 | | |
| 7 | 17.447 | 5.816 | | 2.719 | | 15.714 | 5.238 | | 2.712 | SUMMATION OF RUN B.M. 21-7 TO B.M. 21-6 |
| | 7.020 | | 212 | | | 3.503 | | 213 | | TOTAL BACKSIGHTS + 72.140 |
| | 6.808 | | 212 | | | 3.290 | | 213 | | TOTAL FORESIGHTS - 38.653 |
| | 6.596 | | 424 | | | 3.077 | | 426 | | DIFF IN ELEVATION + 33.48 " |
| 8 | 20.424 | 6.808 | | 3.143 | | 9.870 | 3.290 | | 3.138 | |
| | 6.413 | | 214 | | | 3.432 | | 213 | | |
| | 6.199 | | 214 | | | 3.219 | | 214 | | |
| | 5.985 | | 428 | | | 3.005 | | 427 | | |
| 9 | 18.597 | 6.199 | | 3.571 | | 9.656 | 3.219 | | 3.565 | |
| | 7.218 | | 213 | | | 4.587 | | 215 | | B.M. 21-6 (L.A. CITY WATTS C-128) |
| | 7.005 | | 211 | | | 4.372 | | 213 | | ROSECRANS AVE & FIGUEROA ST. |
| | 6.794 | | 424 | | | 4.159 | | 428 | | SEE F.B. 1391-11 |
| 10 | 21.017 | 7.006 | | 3.995 | 69° | 13.118 | 4.373 | | 3.993 | FOR DESCRIPTION |
| | | 72.140 | | | | | 38.653 | | | |

F.B. 1391 PG. 150

FORM 379 SM 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Overcast Inst. No. 50010
Notes by E. Landa Time 9:00 - 9:40 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-7 To B.M. 21-8
Date 1-7-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4069 | | 212 | | #5 | 6871 | | 212 | | B.M. 21-7 (cit. of L.A. B-12) |
| | 3807 | | 212 | | | 6659 | | 210 | | Rosecrans Ave & Vermont Ave |
| | 3645 | | 424 | | | 6449 | | 422 | | See F.B. 1391-12 |
| 1 | 11571 | 3857 | | 424 | 62° | 19979 | 6660 | | 422 | for description |
| | 4459 | | 211 | | | 6363 | | 213 | | |
| | 4248 | | 211 | | | 6150 | | 214 | | G.E. Dreier |
| | 4037 | | 422 | | | 5936 | | 427 | | |
| 2 | 12744 | 4248 | | 846 | | 18449 | 6150 | | 849 | |
| | 4273 | | 211 | | | 6305 | | 214 | | |
| | 4062 | | 210 | | | 6091 | | 213 | | |
| | 3852 | | 421 | | | 5878 | | 427 | | |
| 3 | 12187 | 4062 | | 1267 | | 18274 | 6091 | | 1276 | |
| | 4474 | | 211 | | | 6442 | | 211 | | |
| | 4263 | | 212 | | | 6231 | | 212 | | |
| | 4051 | | 423 | | | 6019 | | 423 | | |
| 4 | 12788 | 4263 | | 1690 | | 18692 | 6231 | | 1699 | |
| | 4641 | | 216 | | | 6497 | | 212 | | |
| | 4425 | | 214 | | | 6285 | | 210 | | |
| | 4211 | | 430 | | | 6075 | | 422 | | |
| 5 | 13277 | 4426 | | 2120 | | 18857 | 6286 | | 2121 | |
| | | 20.856 | | | | | 31.418 | | | |

F.B. 1391 PG. 151

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather overcast Inst. No. 50010
Notes by E. Landa Time 9:00 to 9:[illegible] Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-7 To B.M. 21-8
Date 1-7-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4321 | 20.856 | 214 | 2120 | | 6430 | [illegible] | 212 | 2121 | |
| | 4107 | | 214 | | | 6218 | | 215 | | |
| | 3893 | | 428 | | | 6003 | | 427 | | |
| 6 | 12321 | 4107 | | 2548 | | 18651 | [illegible]17 | | 2548 | |
| | 4802 | | 215 | | | 5769 | | 213 | | |
| | 4587 | | 216 | | | 5556 | | 213 | | |
| | 4371 | | 431 | | | 5343 | | 426 | | |
| 7 | 13760 | 4587 | | 2979 | | 16668 | 5556 | | 2974 | |
| | 5229 | | 224 | | | 5738 | | 205 | | |
| | 5005 | | 223 | | | 5533 | | 202 | | Summation of Run |
| | 4782 | | 447 | | | 5331 | | 407 | | B.M. 21-7 to B.M. 21-8 |
| 8 | 15016 | 5005 | | 3426 | | 16602 | 5534 | | 3381 | |
| | [illegible] | | 131 | | | 5518 | | 144 | | Total Backsight = +44.673 |
| | 4968 | | 131 | | | 5374 | | 143 | | Total Fore " = -59.937 |
| | 4837 | | 262 | | | 5231 | | 287 | | diff. in Elev. = -15.264 |
| 9 | 14904 | 4968 | | 3688 | | 16123 | 5374 | | 3668 | |
| | 5283 | | 133 | | | 5980 | | 142 | | B.M. 21-8 |
| | 5150 | | 133 | | | 5838 | | 143 | | Rosecrans Ave. & Normandie |
| | 5017 | | 266 | | | 5695 | | 285 | | See F.B. 1391-13 |
| 10 | 15450 | 5150 | | 3954 | 62° | 17513 | 5838 | | 3953 | for description |
| | | 44.673 | | | | | 59.937 | | | |

F.B. 1391 PG. 152

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Cloudy Inst. No. 50010
Notes by E. Landa Time 9:40 to 10:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-8 To B.M. 21-7
Date 1-7-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5982 | | 142 | | | 5286 | | 135 | | B.M. 21-8 |
| | 5840 | | 141 | | | 5151 | | 133 | | Rosecrans Ave & Normandie |
| | 5699 | | 283 | | | 5018 | | 268 | | See F.B. 139-13 |
| 1 | 17521 | 5840 | | 283 | 60° | 15455 | 5152 | | 268 | for description |
| | 5582 | | 137 | | | 5175 | | 137 | | |
| | 5445 | | 136 | | | 5038 | | 138 | | ⊼ G. E. Dreier |
| | 5309 | | 273 | | | 4900 | | 275 | | |
| 2 | 16336 | 5445 | | 556 | | 15113 | 5038 | | 543 | |
| | 5730 | | 212 | | | 5201 | | 213 | | |
| | 5518 | | 213 | | | 4988 | | 214 | | |
| | 5305 | | 425 | | | 4774 | | 427 | | |
| 3 | 16553 | 5518 | | 981 | | 14963 | 4988 | | 970 | |
| | 5773 | | 210 | | | 4813 | | 215 | | |
| | 5563 | | 210 | | | 4598 | | 215 | | |
| | 5358 | | 420 | | | 4383 | | 430 | | |
| 4 | 16704 | 5568 | | 1401 | | 13794 | 4598 | | 1400 | |
| | 6371 | | 213 | | | 4263 | | 213 | | |
| | 6158 | | 212 | | | 4050 | | 212 | | |
| | 5946 | | 425 | | | 3838 | | 425 | | |
| 5 | 18475 | 6158 | | 1826 | | 12151 | 4050 | | 1825 | |
| | | 28529 | | | | | 23.826 | | | |

F.B. 139 PG. 153

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. 5000
Notes by E. Landa Time 9:40 To 1:15 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-8 To B.M. 21-7
Date 1-7-53
Indexed [redacted] C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6458 | 28.529 | 215 | 1826 | | 4259 | 28.826 | 212 | 1838 | |
| | 6243 | | 216 | | | 4385 | | 213 | | |
| | 6051 | | 427 | | | 4172 | | 425 | | |
| 6 | 18732 | 6244 | | 2233 | | 12816 | 4265 | | 2250 | |
| | 6448 | | 214 | | | 4482 | | 210 | | |
| | 6234 | | 212 | | | 4270 | | 212 | | |
| | 6022 | | 426 | | | 4058 | | 422 | | |
| 7 | 18704 | 6234 | | 2679 | | 12808 | 4269 | | 2672 | |
| | 6211 | | 214 | | | 4181 | | 210 | | |
| | 5997 | | 215 | | | 3971 | | 212 | | Summation of Run |
| | 5782 | | 429 | | | 3759 | | 422 | | B.M. 21-8 to B.M. 21-7 |
| 8 | 17990 | 5997 | | 3108 | | 11911 | 3970 | | 3094 | |
| | 6363 | | 213 | | | 4460 | | 211 | | Total Backsights = + 59.801 |
| | 6150 | | 212 | | | 4249 | | 21 | | Total Fore " = - 44.542 |
| | 5938 | | 425 | | | 4038 | | 428 | | Diff. in Elev = + 15.259 |
| 9 | 18451 | 6150 | | 3533 | | 12747 | 4249 | | 3516 | |
| | 6855 | | 209 | | | 4058 | | 216 | | B.M. 21-7 (Cit. of L.A. B-12) |
| | 6647 | | 208 | | | 3842 | | 213 | | Rosecrans Ave & Vermont Ave |
| | 6439 | | 417 | | | 3629 | | 429 | | See F.B. 1391-12 |
| 10 | 19941 | 6647 | | 3949 | 61° | 11529 | 3843 | | 3945 | for description |
| | | 59.801 | | | | | 44.542 | | | |

F.B. 1391 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 OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 10:20 TO 11:05 Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 4925
From B.M. 21-8 To B.M. 21-9
Date 4-7-52
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.513 | | 214 | | #5 | 5.588 | | 214 | | B.M. 21-8 |
| | 5.299 | | 212 | | | 5.175 | | 213 | | REFERENCING AVE. OF 16 REVOLVE AVE |
| | 5.187 | | 423 | | | 4.959 | | 429 | | SEE P.S. 1391-13 |
| 1 | 16.199 | 5.400 | | .226 | 64° | 16.719 | 5.573 | | .439 | FOR DESCRIPTION |
| | 5.275 | | 214 | | | 5.425 | | 216 | | |
| | 5.161 | | 211 | | | 5.212 | | 213 | | |
| | 4.960 | | 425 | | | 4.999 | | 429 | | |
| 2 | 15.396 | 5.132 | | .851 | | 15.636 | 5.212 | | .858 | |
| | 5.392 | | 217 | | | 5.504 | | 211 | | |
| | 5.175 | | 215 | | | 5.293 | | 208 | | |
| | 4.960 | | 432 | | | 5.085 | | 419 | | |
| 3 | 15.527 | 5.176 | | 1.283 | | 15.882 | 5.294 | | 1.277 | |
| | 5.368 | | 214 | | | 5.578 | | 217 | | |
| | 5.154 | | 211 | | | 5.361 | | 218 | | |
| | 4.943 | | 425 | | | 5.147 | | 439 | | |
| 4 | 15.465 | 5.155 | | 1.708 | | 16.086 | 5.362 | | 1.707 | |
| | 5.435 | | 215 | | | 5.552 | | 214 | | |
| | 5.223 | | 212 | | | 5.338 | | 215 | | |
| | 5.011 | | 427 | | | 5.123 | | 429 | | |
| 5 | 15.672 | 5.224 | | 2.135 | | 16.013 | 5.338 | | 2.136 | |
| | | 26.119 | | | | | 26.800 | | | |

F.B. 1391 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 OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO [illegible] Rod No. 5 E 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-8 To B.M. 21-9
Date 1-7-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5,502 | 26.117 | 212 | 2,135 | | 5,302 | [illegible] | 212 | 2,136 | |
| | 5,290 | | 212 | | | 5,090 | | 212 | | |
| | 5,078 | | 424 | | | 4,878 | | 424 | | |
| 6 | 15,870 | 5,290 | | 2,559 | | 15,270 | 5,090 | | 2,560 | |
| | 5,512 | | 214 | | | 5,298 | | 215 | | |
| | 5,298 | | 211 | | | 5,083 | | 213 | | |
| | 5,087 | | 425 | | | 4,870 | | 428 | | |
| 7 | 15,897 | 5,299 | | 2,984 | | 15,251 | 5,084 | | 2,988 | |
| | [illegible] | | 215 | | | 5,151 | | 212 | | |
| | 5,302 | | 212 | | | 4,938 | | 213 | | |
| | 5,090 | | 427 | | | 4,725 | | 426 | | |
| 8 | 15,909 | 5,303 | | 3,4[illegible] | | 14,814 | [illegible] | | 3,414 | |
| | 5,370 | | 181 | | | 5,794 | | 186 | | B.M. 21-9 |
| | 5,189 | | 181 | | | 5,608 | | 188 | | ROSECRANS AVE [illegible] AVE |
| | 5,008 | | 362 | | | 5,420 | | 374 | | SEE F.B. 1391-14 FOR DESCRIPTION |
| 9 | 15,567 | 5,189 | | 3,773 | | 16,822 | [illegible] | | 3,788 | |
| | | | | | | | | | | TOTAL BACKSIGHTS + 47,198 |
| | | | | | | | | | | TOTAL FORESIGHTS [illegible] |
| | | | | | | | | | | DIFF. IN ELEVATION + 0.0[illegible] |
| | | 47,198 | | | | | 47,[illegible] | | | |

F.B. 1391 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 Raining  Inst. No. 50010
Notes by G. E. Dreier  Time [illegible] to [illegible]  Rod No. 5 [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-9 To B.M. 21-8
Date 1-7-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5858 | | 186 | | #5 | 5.438 | | 185 | | B.M. 21-9 |
| | 5.672 | | 183 | | | 5.253 | | 183 | | Rose [illegible] |
| | 5.489 | | 369 | | | 5.070 | | 368 | | [illegible] |
| 1 | 17.019 | 5.673 | | 369 | 64° | 15.761 | 5.254 | | 368 | |
| | 5190 | | 215 | | | 5555 | | 215 | | |
| | 4977 | | 214 | | | 5340 | | 211 | | |
| | 4763 | | 427 | | | 5129 | | 426 | | |
| 2 | 4.930 | 4.977 | | 796 | | 16.024 | 5.341 | | 794 | |
| | 5242 | | 214 | | | 5456 | | 215 | | |
| | 5028 | | 214 | | | 5241 | | 211 | | |
| | 4814 | | 428 | | | 5030 | | 426 | | |
| 3 | 15084 | 5.028 | | 1.224 | | 15727 | 5.242 | | 1220 | |
| | 5311 | | 213 | | | [illegible] | | 213 | | |
| | 5.098 | | 213 | | | 5298 | | 213 | | |
| | 4885 | | 426 | | | 5085 | | 426 | | |
| 4 | 15294 | 5.098 | | 1.650 | | 15.894 | 5.298 | | 1646 | |
| | 5.592 | | 214 | | | 5.479 | | 214 | | |
| | 5378 | | 214 | | | 5.265 | | 213 | | |
| | 5.164 | | 428 | | | 5.052 | | 427 | | |
| 5 | 16134 | 5.378 | | 2078 | | 15.796 | 5.265 | | 2073 | |
| | | 26.154 | | | | | 26.400 | | | |

F.B. 1391 PG. 157

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER  Weather RAINING  Inst. No. 50010
Notes by G. E. DREIER  Time 11:05 TO  Rod No. 566

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-9 To B.M. 21-8
Date 1-7-53
Indexed

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5572 | 26.154 | 214 | 2078 | | 5.365 | [illegible] | 213 | 2073 | |
| | 5358 | | 215 | | | 5.152 | | 213 | | |
| | 5143 | | 429 | | | 4939 | | 426 | | |
| 6 | 16073 | 5.358 | | 2507 | | 15556 | [illegible] | | 2409 | |
| | 5515 | | 215 | | | 5.394 | | 213 | | |
| | 5.300 | | 212 | | | 5.181 | | 211 | | |
| | 5.088 | | 427 | | | 4.974 | | 424 | | |
| 7 | 15903 | [illegible] | | 2734 | | [illegible] | [illegible] | | [illegible] | [illegible] |
| | [illegible] | | 213 | | | [illegible] | | 210 | | |
| | [illegible] | | 214 | | | [illegible] | | 212 | | |
| | [illegible] | | 427 | | | [illegible] | | 428 | | |
| 8 | 15[illegible] | [illegible] | | [illegible] | | [illegible] | [illegible] | | [illegible] | |
| | [illegible] | | [illegible] | | | [illegible] | | [illegible] | | [illegible] 21-8 |
| | 5273 | | 215 | | | [illegible] | | 216 | | [illegible] |
| | 5060 | | 429 | | | 5.[illegible] | | [illegible] | | [illegible] |
| 9 | 15823 | [illegible] | | 2782 | [illegible] | [illegible] | [illegible] | | 3785 | [illegible] |
| | | | | | | | | | | Total Backsights + 47.353 |
| | | | | | | | | | | Total Foresights - 47.448 |
| | | | | | | | | | | Diff in Elevation - 0.095 |
| | | 47.353 | | | | | 47.448 | | | |

F.B. 1391 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 Cloudy Inst. No. 50010
Notes by E. Landa Time 1:45 To 2:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-9 To B.M. 21-10
Date 1-7-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.930<br>5.719<br>5.508<br>17157 | 5719 | 211<br>211<br>422 | 422 | #5 | 5.742<br>5.530<br>5.319<br>16591 | 5530 | 212<br>211<br>423 | 423 | B. M. 21-9<br>Rosecrans Ave & Western<br>See F.B. 1391-14<br>for description |
| 2 | 5.351<br>5.143<br>4.931<br>15431 | 5144 | 214<br>212<br>426 | 848 | | 5.728<br>5.514<br>5.300<br>16542 | 5514 | 214<br>214<br>428 | 851 | [illegible] |
| 3 | [illegible]<br>4.931<br>[illegible]<br>14946 | 4982 | 215<br>212<br>427 | 1275 | | [illegible]<br>5.511<br>5.298<br>16532 | 5511 | 212<br>213<br>425 | 1276 | |
| 4 | 5.281<br>5.071<br>4.859<br>15211 | 5070 | 210<br>212<br>422 | 1697 | | 5.751<br>5.538<br>5.325<br>16614 | 5538 | 213<br>213<br>426 | 1702 | |
| 5 | 5.247<br>5.033<br>4.8[illegible]<br>15102 | 5033 | 214<br>211<br>425 | 2122 | | 5.477<br>5.262<br>5.050<br>15789 | 5263 | 215<br>212<br>427 | 2129 | |
| | | 55.943 | | | | | 27356 | | | |

F.B. 1391 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 Cloudy Inst. No. 50010
Notes by E. Landa Time 1:45 to 2:30 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-9 To B.M. 21-10
Date 1-7-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5772 | 25.948 | 214 | 2122 | | 5351 | 27.356 | 214 | 2129 | |
| | 5558 | | 213 | | | 5137 | | 213 | | |
| | 5345 | | 427 | | | 4924 | | 427 | | |
| 6 | 16675 | 5558 | | 2549 | | 15412 | 5137 | | 2556 | |
| | 5731 | | 214 | | | 5278 | | 213 | | |
| | 5517 | | 215 | | | 5065 | | 215 | | Summation of Run |
| | 5302 | | 429 | | | 4850 | | 428 | | B.M. 21-9 to B.M. 21-10 |
| 7 | 16550 | 5517 | | 2978 | | 15193 | 5064 | | 2984 | |
| | 5383 | | 213 | | | 5597 | | 214 | | Total Backsights + 52.123 |
| | 5170 | | 213 | | | 5383 | | 213 | | Total Foresights − 54.055 |
| | 4957 | | 426 | | | 5170 | | 427 | | Diff. in Elevation − 01.932 |
| 8 | 15510 | 5170 | | 3404 | | 16150 | 5383 | | 3411 | |
| | 5218 | | 275 | | | 5718 | | 266 | | SY 550 L&T in conc. Pvt. on |
| | 4943 | | 271 | | | 5452 | | 266 | | ℄ prod. of Arlington Ave |
| | 4672 | | 546 | | | 5186 | | 532 | | ± 14' S. ℄ of Rosecrans Ave |
| 9 | 14833 | 4944 | | 3950 | | 16356 | 5452 | | 3943 | near Tel. pole 18/18 ± 1/2 mi W of Western |
| | 5043 | 47.137 | 57 | | | 5723 | 48.332 | 60 | | B.M. 21-10 |
| | 4986 | | 58 | | | 5663 | | 60 | | Rosecrans Ave & Van Ness Ave |
| | 4928 | | 115 | | | 5603 | | 120 | | See F.B. 1391-15 |
| 10 | 14957 | 4986 | | 4065 | 62° | 16989 | 5663 | | 4063 | for description |
| | | 52.123 | | | | | 54.055 | | | |

F.B. 1391 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. Drolen Weather Cloudy Inst. No. [illegible]
Notes by E. Lauda Time 2:30 to 3:10 Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-10 To B.M. 21-9
Date 1-7-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5736<br>5677<br>5619<br>11032 | 5677 | 59<br>58<br>117 | 117 | #5<br>62° | 5053<br>4999<br>4946<br>10052 | 4999 | 59<br>59<br>118 | 118 | B.M. 21-10<br>Rosecrans Ave. & Van Ness Ave.<br>See F.B. 139-15<br>for description |
| 2 | 5807<br>5537<br>5337<br>16731 | 5577 | 270<br>270<br>540 | 631 | | 5338<br>5068<br>4799<br>15205 | 5068 | 270<br>269<br>539 | 657 | Sy 550 left on corner of concrete sidewalk ±14'S & of Rosecrans & near tel. pole 1/2 mi W of Western Ave. |
| 3 | 5638<br>5423<br>5211<br>16212 | 5424 | 215<br>212<br>427 | 1084 | | 5422<br>5209<br>4997<br>15628 | 5209 | 213<br>212<br>425 | 1082 | G. E. Drolen |
| 4 | 5278<br>5062<br>4850<br>15190 | 5063 | 216<br>212<br>428 | 1512 | | 5729<br>5514<br>5300<br>16543 | 5514 | 215<br>214<br>429 | 1511 | |
| 5 | 5292<br>5079<br>4866<br>15237 | 5079 | 213<br>213<br>426 | 1938 | | 5713<br>5499<br>5288<br>16500 | 5500 | 214<br>211<br>425 | 1936 | |
| | | 26.820 | | | | | 26.290 | | | |

F.B. 139 PG. 16

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Oneier Weather Cloudy Inst. No. 50010
Notes by E. Landa Time 2:30 to 3:[illegible] Rod No. 55 C

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-10 To B.M. 21-9
Date 1-7-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5490 | 26.820 | 215 | 1938 | | 5259 | 26.290 | 212 | 1936 | |
| | 5275 | | 213 | | | 5047 | | 212 | | |
| | 5062 | | 428 | | | 4835 | | 424 | | |
| 6 | 15827 | 5276 | | 2366 | | 15141 | 5047 | | 2360 | |
| | 5707 | | 215 | | | 5276 | | 213 | | |
| | 5532 | | 213 | | | 5063 | | 211 | | |
| | 5319 | | 428 | | | 4852 | | 424 | | |
| 7 | 16598 | 5533 | | 2794 | | 15191 | 5064 | | 2784 | |
| | 5724 | | 212 | | | 5200 | | 215 | | |
| | 5512 | | 210 | | | 4985 | | 215 | | Summation of Run |
| | 5302 | | 422 | | | 4770 | | 430 | | B.M. 21-10 to B.M. 21-9 |
| 8 | 16538 | 5513 | | 3216 | | 14955 | 4985 | | 3214 | |
| | 5696 | | 218 | | | 5321 | | 212 | | Total Backsights = + 54172 |
| | 5479 | | 212 | | | 5109 | | 211 | | Total Foresights = − 52235 |
| | 5267 | | 425 | | | 4898 | | 423 | | diff. in elev. = + 1937 |
| 9 | 16438 | 5479 | | 3641 | | 15328 | 5109 | | 3637 | |
| | 5762 | | 211 | | | 5952 | | 213 | | B.M. 21-9 |
| | 5551 | | 211 | | | 5739 | | 209 | | Rosecrans Ave & Western Ave |
| | 5340 | | 422 | | | 5530 | | 422 | | See F.B. 1391-14 |
| 10 | 16653 | 5551 | | 4063 | | 17221 | 5740 | | 4059 | for description |
| | | 54172 | | | | | 52235 | | | |

F.B. 1391 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 G. E. DREIER  Time 1:15 TO 2:00  Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-10 To B.M. 21-11
Date 1-8-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6.358 | | 213 | | 45 | 5.186 | | 216 | | B.M. 21-10 |
| | 6.145 | | 212 | | | 4.970 | | 213 | | ROSECRANS AVE & VAN NESS AVE. |
| | 5.933 | | 425 | | | 4.757 | | 429 | | SEE F.B. 1391-15 |
| 1 | 18.436 | 6.145 | | 425 | 64° | 14.913 | 4.971 | | 429 | FOR DESCRIPTION |
| | 5.538 | | 213 | | | 5.253 | | 215 | | |
| | 5.325 | | 212 | | | 5.038 | | 214 | | T F. LANDA |
| | 5.113 | | 425 | | | 4.824 | | 429 | | |
| 2 | 15.976 | 5.325 | | 850 | | 15.115 | 5.038 | | 858 | |
| | 5.619 | | 212 | | | 5.223 | | 212 | | |
| | 5.407 | | 215 | | | 5.011 | | 212 | | |
| | 5.192 | | 427 | | | 4.799 | | 424 | | |
| 3 | 16.218 | 5.406 | | 1.277 | | 15.033 | 5.011 | | 1.282 | |
| | 4.690 | | 212 | | | 4.532 | | 217 | | |
| | 4.478 | | [illegible] | | | 4.318 | | 217 | | |
| | 4.268 | | 427 | | | 4.101 | | 434 | | |
| 4 | 13.437 | 4.479 | | 1.698 | | 12.954 | 4.318 | | 1.716 | |
| | 5.597 | | 215 | | | [illegible] | | 215 | | |
| | 5.382 | | 212 | | | 4.952 | | 214 | | |
| | [illegible] | | 427 | | | 4.738 | | 429 | | |
| 5 | 16.029 | 5.343 | | 2.133 | | 14.857 | 4.952 | | 2.145 | |
| | | 26.698 | | | | | 24.298 | | | |

F.B. 1391 PG. 163

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 1/5 70 2100 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-10 To B.M. 21-11
Date 1-8-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5697 | 26.698 | 216 | 2425 | | 5,341 | 24.290 | 211 | 2145 | |
| | 5,481 | | 213 | | | 5130 | | 210 | | |
| | 5268 | | 429 | | | 4.920 | | 421 | | |
| 6 | 16,446 | 5.482 | | 2554 | | 15.391 | 5.130 | | 2566 | |
| | 5,721 | | 238 | | | 5180 | | 232 | | |
| | 5.483 | | 235 | | | 4948 | | 235 | | |
| | 5248 | | 473 | | | 4.713 | | 467 | | |
| 7 | 16452 | 5484 | | 3027 | | 14.841 | 4.947 | | 3033 | |
| | 6520 | | 215 | | | 6922 | | 211 | | B.M. 21-11 (L.A.C.F.C.D. R/W 114-4) |
| | 6,305 | | 213 | | | 6691 | | 211 | | ROSECRANS AVE & CRENSHAW BLVD |
| | 6092 | | 428 | | | 6480 | | 422 | | SEE F.B. 1391-16 |
| 8 | 18917 | 6.306 | | 3455 | | 20.073 | 6691 | | 3455 | FOR DESCRIPTION |
| | | | | | | | | | | SUMMATION OF RUN |
| | | | | | | | | | | B.M. 21-10 TO 21-11 |
| | | | | | | | | | | TOTAL BACKSIGHTS +43.970 |
| | | | | | | | | | | TOTAL FORESIGHTS -41.058 |
| | | | | | | | | | | DIFF IN ELEVATION +2.912 |
| | | 43.970 | | | | | 41.058 | | | |

F.B. 1391 PG. 164

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO 2:40 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-11 To B.M. 21-10
Date 1-8-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.849<br>6.635<br>6.422<br>19.906 | 6.635 | 214<br>212<br>427 | .427 | [illegible] | 6.464<br>6.251<br>6.039<br>18.754 | 6.251 | 213<br>212<br>425 | .425 | B.M. 21-11 (L.A.Co.F.C.S. R/W 114-4) ROSECRANS AVE & CRENSHAW BLVD. SEE F.B. 1391-16 FOR DESCRIPTION |
| 2 | 5.183<br>4.947<br>4.710<br>14.840 | 4.947 | 236<br>237<br>473 | .900 | | 5.718<br>5.482<br>5.248<br>16.448 | 5.483 | 236<br>234<br>470 | .895 | ☆ E. LANDA |
| 3 | 5.317<br>5.101<br>4.889<br>15.307 | 5.102 | 216<br>212<br>428 | 1.328 | | 5.668<br>5.453<br>5.242<br>16.363 | 5.454 | 215<br>211<br>426 | 1.321 | |
| 4 | 5.217<br>5.002<br>4.790<br>15.009 | 5.003 | 215<br>212<br>427 | 1.755 | | 5.609<br>5.393<br>5.179<br>16.181 | 5.394 | 216<br>214<br>430 | 1.751 | |
| 5 | 5.310<br>5.093<br>4.879<br>15.282 | 5.094 | 217<br>214<br>431 | 2.186 | | 5.468<br>5.253<br>5.041<br>15.762 | 5.254 | 215<br>212<br>427 | 2.178 | |
| | | 26.781 | | | | | 27.836 | | | |

F.B. 1391 PG. 165

FORM 379 SM 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO 2:[illegible] Rod No. 556

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4922
From B.M. 21-11 To B.M. 21-10
Date 1-8-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.140<br>4.932<br>4.719 | 2.678 | 214<br>213<br>427 | 2.186 | | 5.540<br>5.325<br>5.114 | | 212<br>214<br>426 | 2.178 | |
| 6 | 14.797 | 4.932 | | 2.613 | | 15.952 | [illegible] | | 2.604 | |
| | 5.043<br>4.829<br>4.616 | | 214<br>213<br>427 | | | 5.330<br>5.117<br>4.904 | | 213<br>213<br>426 | | |
| 7 | 14.488 | 4.829 | | 3.040 | | 15.351 | 5.117 | | 3.030 | |
| | 5.017<br>4.804<br>4.595 | | 213<br>209<br>422 | | | 6.192<br>5.980<br>5.769 | | 212<br>211<br>423 | | B.M. 21-10<br>ROSECRANS AVE. & VAN NESS AVE.<br>SEE L.B. [illegible]<br>SEE DESCRIPTION |
| 8 | 14.416 | 4.805 | | 3.462 | | 17.941 | [illegible] | | 3.452 | |
| F.B. 139 PG. 166 | | | | | | | | | | SUMMATION OF RUN<br>B.M. 21-11 TO B.M. 21-10 |
| | | | | | | | | | | TOTAL BACKSIGHTS + 41.347<br>TOTAL FORESIGHTS - 41.261<br>DIFF. IN ELEVATION = [illegible] |
| | | 41.347 | | | | | 41.261 | | | |

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Drozier Weather Clouds Inst. No. 20010
Notes by E. Lanch Time 8:40 to 9:55 Rod No. 266

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 1913
From B.M. 21-11 To B.M. 21-12
Date 1-8-43
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 | [illegible] 10280 [illegible] | [illegible] | [illegible] 101 [illegible] | 242 | [illegible] | [illegible] 3950 2816 | [illegible] | [illegible] 122 [illegible] | 246 | B.M. 21-11 (R.A. 1956) (W 114-4) Rosecrans Ave. 80' [illegible] See F.B. 1391-1 for [illegible] |
| | | | | | | | | | | B.M. 21-[illegible] (R.A. 1950) B.M. 115-214 [illegible] Crenshaw & [illegible] See F.B. 1391-1 for [illegible] |
| 2 | [illegible] 2261 [illegible] 2226 [illegible] | [illegible] | 236 233 [illegible] | 469 | | [illegible] 3346 [illegible] 25038 | [illegible] | [illegible] [illegible] [illegible] | 712 | [illegible] |
| 3 | [illegible] 13742 | [illegible] | 215 [illegible] 220 | 1137 | | 5520 5509 [illegible] 22225 | 5308 | 211 213 [illegible] | 1136 | See F.B. 1392-189. Supplemental T.B.M. For B.M. 21-12 |
| 4 | [illegible] 4002 [illegible] [illegible] | [illegible] | 213 218 [illegible] | 1563 | | [illegible] 5132 [illegible] 15421 | 5142 | 213 [illegible] [illegible] | 1521 | |
| | | 22.638 | | | | | 22.788 | | | |

F.B. 1391 PG. 167

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. Dronin  Weather Cloudy  Inst. No. 5001
Notes by E. Landa  Time 2:43-4:55  Rod No. 5 PC

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 2223
From S.M. 21-11 To S.M. 21-13
Date 1-8-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5799 | 23.032 | 214 | 1563 | | 5547 | 21.785 | 214 | 1561 | |
| | 5588 | | 211 | | | 5193 | | 213 | | |
| | 5377 | | 422 | | | 4980 | | 424 | | |
| 5 | 16764 | 6588 | | 1955 | | 15720 | 6195 | | 1958 | |
| | 5736 | | 213 | | | 5521 | | 213 | | |
| | 5523 | | 213 | | | 5108 | | 212 | | |
| | 5310 | | 426 | | | 4896 | | 425 | | |
| 6 | 16569 | 6223 | | 2411 | | 15525 | 6108 | | 2413 | |
| | 5521 | | 212 | | | 5338 | | 212 | | |
| | 5309 | | 211 | | | 5126 | | 212 | | |
| | 5225 | | 423 | | | 4914 | | 426 | | |
| 7 | 16916 | 6339 | | 2834 | | 15378 | 5128 | | 2839 | |
| | 5716 | | 213 | | | 5500 | | 213 | | |
| | 5505 | | 213 | | | 5117 | | 213 | | |
| | 5292 | | 426 | | | 4904 | | 426 | | |
| 8 | 16513 | 6504 | | 3263 | | 15521 | 5177 | | 3265 | |
| | 5804 | | 214 | | | 5[illegible] | | 213 | | |
| | 5591 | | 213 | | | 5[illegible] | | 213 | | |
| | 5379 | | 427 | | | 4[illegible] | | 426 | | |
| 9 | 16774 | 5592 | | 3687 | | 15[illegible] | 5[illegible] | | 3688 | |
| | | 30.[illegible] | | | | | 2[illegible] | | | |

F.B. 1391 PG. 168

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Drexler Weather Cloudy Inst. No. 50010
Notes by E. Landa Time 2:40 to 3:55 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-11 To B.M. 21-13
Date 1-8-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | [illegible] | 50.879 | 218 | 3487 | | [illegible] | 48.379 | [illegible] | 3533 | |
| | [illegible] | | 214 | | | 5136 | | 214 | | |
| | 4358 | | 426 | | | 4922 | | 428 | | |
| 10 | 16720 | 55.73 | 32 | 4113 9 | | 15408 | 51.36 | | 4116 | |
| | [illegible] | | 88 | | | [illegible] | | 86 | | B.M. 21-13 |
| | [illegible] | | [illegible] | | | 5121 | | 86 | | Rosecrans & Yukon |
| | [illegible] | | 175 | | | 5035 | | 172 | | See F.B. 1391-13 |
| 11 | 4902 | [illegible] | | 42 94 | 63° | 15363 | [illegible] | | 4288 | for description |
| | | | | | | | | | | Summation of Run B.M. 21-11 to B.M. 21-13 |
| | | | | | | | | | | Total Backsights = 61.419 |
| | | | | | | | | | | Total Fore " = 58.636 |
| | | | | | | | | | | Diff. in Elev. = 2.783 |
| | | | | | | | | | | |
| | | 61.419 | | | | | 58.636 | | | |

F.B. 1391 PG. 169

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

| Number of Station | BACKSIGHT | | | | B. S. Rod and Temp. | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | Thread Readings | Mean | Thread Intervals | Sum of Intervals | | Thread Readings | Mean | Thread Intervals | Sum of Intervals | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| F.B. 139 / PG. 170 | | | | | | | | | | |
| | | | | | | | | | | |

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Lovely Time 1:20 to 2:30 Rod No. 55

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 2925
From B.M. 21-3 To B.M. 21-11
Date 1-9-53
Indexed A. C. Johns

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5294 | | 84 | | | 5148 | | 90 | | B.M. 21-13 |
| | 5210 | | 84 | | | 5058 | | 87 | | Rosecrans Ave & Vikon Ave |
| | 5126 | | 168 | | | 4966 | | 177 | | See F.B. 1391-12 |
| 1 | 16630 | 5210 | | 168 | | 15122 | 5054 | | 177 | for description |
| | 5211 | | 218 | | | 5678 | | 211 | | |
| | 5209 | | 214 | | | 5467 | | 212 | | ⊼ G. E. Dreier |
| | 5205 | | 432 | | | 5255 | | 423 | | |
| 2 | 15621 | 5208 | | 620 | | 16400 | 5467 | | 600 | |
| | 5161 | | 215 | | | 5732 | | 213 | | |
| | 5058 | | 211 | | | 5519 | | 213 | | |
| | 4757 | | 426 | | | 5306 | | 426 | | |
| 3 | 15976 | 5319 | | 1021 | | 16557 | 5519 | | 1026 | |
| | 5216 | | 214 | | | 5622 | | 213 | | |
| | 5002 | | 211 | | | 5409 | | 213 | | |
| | 4791 | | 425 | | | 5196 | | 423 | | |
| 4 | 15009 | 5003 | | 1449 | | 16990 | 5330 | | 1449 | |
| | 5008 | | 215 | | | 5519 | | 211 | | |
| | 4793 | | 213 | | | 5308 | | 213 | | 1 hr. for lunch |
| | 4580 | | 428 | | | 5095 | | 424 | | |
| 5 | 14381 | 4794 | | 1877 | | 15922 | 5307 | | 1873 | |
| | | 25006 | | | | | 26677 | | | |

F.B. 1391 PG 171

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dre[illegible] Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:20 to 2:30 Rod No. 5E6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-13 To B.M. 21-11
Date 1-9-53
Indexed K. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5284 | 25.006 | 213 | 1877 | | 5710 | 26.677 | 212 | 1873 | |
| | 5071 | | 214 | | | 5488 | | 211 | | |
| | 4857 | | 427 | | | 5277 | | 423 | | |
| 6 | 15212 | 5071 | | 2304 | | 16465 | 5488 | | 2290 | |
| | 5303 | | 212 | | | 5693 | | 211 | | |
| | 5091 | | 212 | | | 5487 | | 212 | | |
| | 4879 | | 424 | | | 5275 | | 423 | | |
| 7 | 15273 | 5091 | | 2728 | | 16460 | 5487 | | 2719 | |
| | 5159 | | 213 | | | 5560 | | 212 | | |
| | 4946 | | 214 | | | 5348 | | 211 | | |
| | 4732 | | 427 | | | 5137 | | 423 | | |
| 8 | 14837 | 4946 | | 3155 | | 16045 | 5348 | | 3142 | |
| | 5351 | | 213 | | | 4623 | | 212 | | |
| | 5138 | | 212 | | | 4411 | | 213 | | |
| | 4926 | | 425 | | | 4198 | | 425 | | |
| 9 | 15415 | 5138 | | 3580 | | 13232 | 4411 | | 3567 | |
| | 8563 | | 232 | | | 2247 | | 235 | | |
| | 8331 | | 232 | | | 2012 | | 232 | | |
| | 8099 | | 464 | | | 1780 | | 467 | | |
| 10 | 24993 | 8331 | | 4044 | | 6039 | 2013 | | 4034 | |
| | | 53.583 | | | | | 49.424 | | | |

F.B. 1391 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 E. Landa Time 11:20 to 2:30 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-13 To B.M. 21-11
Date 1-9-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 53.583 ✓ | | 4044 ✓ | | | 49.424 ✓ | | 4034 | B.M. 21-12 (L.A.C.F.C.D. B.M. 113-124) Rosecrans Ave & Crenshaw Blvd See F.B. 1391-16 for description |
| | 3857 | | 126 | | | 10796 | | 124 | | B.M. 21-11 (L.A.C.F.C.D. R/W 114-4) Rosecrans Ave & Crenshaw Blvd See F.B. 1391-16 for description |
| | 3731 | | 122 | | | 10672 | | 122 | | |
| | 3609 | | 248 ✓ | | | 10550 | | 246 ✓ | | |
| 11 | 11197 ✓ | 3732 ✓ | | 4292 ✓ | 74° | 32018 ✓ | 10673 ✓ | | 4280 ✓ | |
| | | | | | | | | | | |
| | | | | | | | | | | Summation of Run B.M. 21-13 to B.M. 21-11 |
| | | | | | | | | | | Total Backsights = ± 57.315 ✓ Total foresights = ± 60.097 ✓ diff. in Elev. = ± -2.782 ✓ |
| | | 57.315 ✓ | | | | | 60.097 ✓ | | | |

F.B. 1391 PG 173

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

| Number of Station | BACKSIGHT | | | | B. S. Rod and Temp. | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | Thread Readings | Mean | Thread Intervals | Sum of Intervals | | Thread Readings | Mean | Thread Intervals | Sum of Intervals | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| F.B. 1391 PG. 174 | | | | | | | | | | |
| | | | | | | | | | | |

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by G. E. DREIER Time 2:35 to 3:25 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-13 To B.M. 21-14
Date 1-9-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5456 | | 79 | | #5 | 5258 | | 83 | | B.M. 21-13 |
| | 5377 | | 79 | | | 5175 | | 82 | | Rosecrans Ave. & Yukon Ave. |
| | 5293 | | 158 | | | 5093 | | 165 | | See F.B. 1391-16 |
| 1 | 16131 | 5377 | | 158 | 74° | 15526 | 5175 | | 165 | for description |
| | | | | | | | | | | SY 2828 L & B nail in S. Cb. Rosecrans Ave. ±5' W. of Cb. ret. at S.W. Cor. Rosecrans Ave & Yukon Ave. |
| | 5301 | | 213 | | | 4.847 | | 214 | | ⊼ E. LANDA |
| | 5.088 | | 214 | | | 4.633 | | 211 | | |
| | 4.874 | | 427 | | | 4.422 | | 425 | | |
| 2 | 15263 | 5.088 | | 585 | | 13902 | 4.634 | | 590 | |
| | 5.176 | | 210 | | | 5295 | | 214 | | |
| | 4.966 | | 209 | | | 5077 | | 212 | | |
| | 4.757 | | 419 | | | 4.867 | | 426 | | |
| 3 | 14899 | 4.966 | | 1.004 | | 15241 | 5.080 | | 1.018 | |
| | 5893 | | 214 | | | 4922 | | 212 | | |
| | 5.679 | | 213 | | | 4.710 | | 212 | | |
| | 5466 | | 427 | | | 4498 | | 424 | | |
| 4 | 17.038 | 5.679 | | 143 | | 14.130 | 4.710 | | 1442 | |
| | | 21.110 | | | | | 19.599 | | | |

F.B. 1391 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 C.E. DREIER Weather CLEAR Inst. No. 50010
Notes by C.E. DREIER Time 2:35 To 3:35 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-13 To B.M. 21-14
Date 1-9-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.497 | 21.110 | 217 | 1431 | | 5.152 | 5.599 | 214 | 1442 2 | |
| | 5.280 | | 218 | | | 4.938 | | 215 | | |
| | 5.062 | | 435 | | | 4.723 | | 429 | | |
| 5 | 15.839 | 5.280 | | 1.866 | | 14.813 | 4.938 | | 1.869 7 | |
| | 5.827 | | 215 | | | 5.215 | | 214 | | |
| | 5.612 | | 213 | | | 5.001 | | 211 | | |
| | 5.399 | | 428 | | | 4.790 | | 425 | | |
| 6 | 16.838 | 5.613 | | 2.294 | | 15.006 | 5.002 | | 2.294 6 | |
| | 5.769 | | 216 | | | 5.320 | | 211 | | |
| | 5.553 | | 212 | | | 5.109 | | 213 | | |
| | 5.34[illegible] | | 428 | | | 4.896 | | 424 | | |
| 7 | 16.663 | 5.554 | | 2.722 | | 15.325 | 5.108 | | 2.718 20 | |
| | 5.427 | | 222 | | | 4.922 | | 213 | | |
| | 5.205 | | 212 | | | 4.709 | | 213 | | |
| | 4.986 | | 434 | | | 4.496 | | 426 | | |
| 8 | 15.618 | 5.206 | | 3.163 | | 14.127 | 4.709 | | 3.144 6 | |
| | 5.589 | | 209 | | | 5.310 | | 178 | | |
| | 5.380 | | 208 | | | 5.132 | | 177 | | |
| | 5.172 | | 417 | | | 4.955 | | 355 | | |
| 9 | 16.141 | 5.380 | | 2.580 | | 15.400 | 5.133 | | 2.496 8 | |
| | | 48.143 | | | | | 44.184 | | | |

F.B. 139 / PG. 176

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:35 TO 3:25 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-13 To B.M. 21-14
Date 1-9-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.608 | 48.143 | 192 | 3580 | | 5.930 | 44.489 | 219 | 3496 | B.M. 21-14 (INGLEWOOD G-1 B) |
| | 5.416 | | 192 | | | [illegible] | | 218 | | ROSECRANS AVE & PRAIRIE AVE, |
| | 5.224 | | 384 | | | 5.493 | | 437 | | SEE F.B. 1391-18 |
| 10 | 16.248 | 5.416 | | 3964 | 74° | 17.124 | 5.[illegible] | | 3933 | FOR DESCRIPTION |
| | | | | | | | | | | |
| | | | | | | | | | | SUMMATION OF RUN B.M. 21-13 TO B.M. 21-14 |
| | | | | | | | | | | TOTAL BACKSIGHTS ± 53559 |
| | | | | | | | | | | TOTAL FORESIGHTS ± 50200 |
| | | | | | | | | | | DIFF IN ELEVATION ± 3359 |
| | | | | | | | | | | |
| | | 53559 | | | | | 50200 | | | |

F.B. 1391 PG 177

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

| Number of Station | BACKSIGHT | | | | B. S. Rod and Temp. | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | Thread Readings | Mean | Thread Intervals | Sum of Intervals | | Thread Readings | Mean | Thread Intervals | Sum of Intervals | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| F.B. 1391 PG. 178 | | | | | | | | | | |
| | | | | | | | | | | |

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. F. DREIER Weather CLEAR Inst. No. 50010
Notes by G. F. DREIER Time 3:25 TO 3:50 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-14 To B.M. 21-13
Date 1-9 & 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.837 | | 203 | | #5 | 5.248 | | 206 | | B.M. 21-14 (INGLEWOOD G12B) |
| | 5.636 | | 204 | | | 5.342 | | 206 | | ROSECRANS AVE & PRAIRIE AVE. |
| | 5.432 | | 407 | | | 5.136 | | 412 | | SEE F.B. 1391-18 |
| 1 | 16.907 | 5.636 | | .407 | 74° | 16.526 | 5.342 | | .412 | FOR DESCRIPTION |
| | 5.294 | | 174 | | | 5.582 | | 213 | | |
| | 5.120 | | 171 | | | 5.369 | | 210 | | ⊼ E. LANDA |
| | 4.949 | | 345 | | | 5.159 | | 423 | | |
| 2 | 15.363 | 5.121 | | .752 | | 16.110 | 5.370 | | .835 | |
| | 5.239 | | 230 | | | 5.710 | | 206 | | |
| | 5.009 | | 230 | | | 5.504 | | 203 | | |
| | 4.779 | | 460 | | | 5.301 | | 409 | | |
| 3 | 15.027 | 5.009 | | .212 | | 16.515 | 5.505 | | 1.244 | |
| | 5.238 | | 215 | | | 5.685 | | 213 | | |
| | 5.023 | | 211 | | | 5.472 | | 212 | | |
| | 4.812 | | 426 | | | 5.260 | | 425 | | |
| 4 | 15.073 | 5.024 | | 1.638 | | 16.417 | 5.472 | | 1.669 | |
| | 5.047 | | 219 | | | 5.444 | | 206 | | (AT DOTY AVE.) |
| | 4.828 | | 219 | | | 5.437 | | 207 | | |
| | 4.609 | | 438 | | | 5.230 | | 413 | | |
| 5 | 14.484 | 4.828 | | 2.076 | 74° | 16.311 | 5.437 | 4 | 2.082 | STOPPED 3:50 1-9-53 |
| | | 25.615 | | | | | 27.126 | | | |

F.B. 1391 PG 179

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER  Weather OVERCAST  Inst. No. 50010
Notes by G.E. DREIER  Time 9:00 TO 9:30  Rod No. 5[illegible]6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-14 To B.M. 21-13
Date 1-12-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5056 | 25.618 | 217 | 2076 | | 5.296 | 27.126 | 216 | 2.082 | |
| | 4.839 | | 217 | | | 5188 | | 212 | | |
| | 4622 | | 434 | | | 4.9[illegible] | | 428 | | |
| 6 | 14.517 | 4.839 | | 2510 | | 15.544 | 5.181 | | 2510 | |
| | 4.960 | | 211 | | | 5.932 | | 214 | | |
| | 4.749 | | 212 | | | 5.718 | | 213 | | SUMMATION OF RUN |
| | 4537 | | 423 | | | 5.505 | | 427 | | B.M. 21-14 TO B.M. 21-13 |
| 7 | 14246 | 4.749 | | 2933 | | 17155 | 5.718 | | 2937 | |
| | 5592 | | 215 | | | 5475 | | 212 | | TOTAL BACKSIGHTS + 50.509 |
| | 5.377 | | 214 | | | 5.263 | | 208 | | TOTAL FORESIGHTS - 53.871 |
| | 5163 | | 429 | | | 5055 | | 420 | | DIFF IN ELEVATION - 3.362 |
| 8 | 16132 | 5.377 | | 3.362 | | 15.793 | 5.264 | | 3357 | |
| | 5.027 | | 215 | | | 5482 | | 214 | | Sy 2828 [illegible] NAIL IN S. |
| | 4.812 | | 213 | | | 5.268 | | 213 | | Cb. ROSECRANS AVE. ± 5' W OF |
| | 4.599 | | 428 | | | 5052 | | 430 | | Cb. RET. AT S.W. COR. ROSECRANS |
| 9 | 14438 | 4.813 | | 3.790 | | 15.802 | 5.267 | | 3787 | AVE & YUKON AVE. |
| | 5195 | 45.396 | 83 | | | 5405 | 48.556 | 90 | | B.M. 21-13 |
| | 5.112 | | 81 | | | 5315 | | 91 | | ROSECRANS AVE. & YUKON AVE. |
| | 5.031 | | 164 | | | 5224 | | 181 | | SEE F.B. 1391-17 |
| 10 | 15338 | 5.113 | | 3954 | | 15.944 | 5.315 | | 3.968 | FOR DESCRIPTION |
| | | 50.509 | | | | | 53.871 | | | |

F.B. 1391 PG. 180

FORM 379 SM 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-14 To B.M. 21-16
Date 1-12-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6404 | | 213 | | #5 | 4471 | | 213 | | B.M. 21-14 (Ingwich G128) |
| | 6191 | | 213 | | | 4258 | | 213 | | Rosecrans Ave & Faire Ave |
| | 5978 | | 426 | | | 4045 | | 426 | | See F.B. 139-18 |
| 1 | 18573 | 6191 | | 426 | 60° | 12774 | 4258 | | 424 | for description |
| | 5723 | | 212 | | | 4628 | | 215 | | |
| | 5511 | | 214 | | | 4413 | | 213 | | G. E. Dreier |
| | 5297 | | 425 | | | 4200 | | 428 | | |
| 2 | 16531 | 5510 | | 851 | | 13241 | 4414 | | 854 | |
| | 5512 | | 213 | | | 4793 | | 213 | | |
| | 5299 | | 212 | | | 4580 | | 212 | | |
| | 5087 | | 425 | | | 4369 | | 425 | | |
| 3 | 15898 | 5299 | | 1276 | | 13741 | 4580 | | 1279 | |
| | 7571 | | 213 | | | 5038 | | 216 | | |
| | 7358 | | 212 | | | 4822 | | 214 | | |
| | 7145 | | 426 | | | 4608 | | 430 | | |
| 4 | 22074 | 7358 | | 1702 | | 14468 | 4823 | | 1709 | |
| | 5581 | | 211 | | | 5272 | | 216 | | |
| | 5370 | | 211 | | | 5058 | | 213 | | |
| | 5159 | | 422 | | | 4845 | | 429 | | |
| 5 | 16110 | 5370 | | 2124 | | 15177 | 5059 | | 2138 | |
| | | 29.728 | | | | | 28.184 | | | |

F.B. 139 / 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 G. E. Dreier Weather Cloudy Inst. No. 50010
Notes by E. Landa Time 10:10 to 11:35 Rod No. 566

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-14 To B.M. 21-16
Date 1-12-53
Indexed [illegible]

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5642 | 29.728 | 211 | 2124 5 | | 5433 | 23.134 23.134 | 214 | 2138 | |
| | 5431 | | 211 | | | 5219 | | 212 | | |
| | 5220 | | 422 | | | 5007 | | 426 | | |
| 6 | 16293 | 5431 | | 2546 7 | | 15659 | 5.220 | | 2564 | |
| | 5715 | | 218 | | | 5490 | | 207 | | |
| | 5497 | | 218 | | | 5283 | | 206 | | |
| | 5279 | | 436 | | | 5077 | | 413 | | |
| 7 | 16491 | 5497 | | 2982 3 | | 15850 | 5283 | | 2977 | |
| | 6088 | | 216 | | | 4799 | | 215 | | |
| | 5872 | | 212 | | | 4584 | | 213 | | |
| | 5660 | | 428 | | | 4371 | | 428 | | |
| 8 | 17620 | 5873 | | 3410 1 | | 13754 | 4585 | | 3405 | |
| | 6277 | | 176 | | | 4347 | | 168 | | |
| | 6101 | | 174 | | | 4179 | | 167 | | |
| | 5927 | | 350 | | | 4012 | | 335 | | |
| 9 | 18305 | 6102 | | 3768 1 | | 12538 | 4179 | | 3740 | |
| | | | | | | | | | | SY 2531 L&T in W end gas sta. island at N.E. Cor. of Rosecrans ave & Hawthorne Blvd. E. dr. from the South |
| | | 52.631 | | | | | 42.401 | | | |

F.B. 1391 PG. 182

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Orozier Weather Cloudy Inst. No. 50010
Notes by E. Lozada Time 10/10/70 11:35 Rod No. 56'6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-14 To B.M. 21-16
Date 1-12-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4895 | 52.63N | 62 | 3768 | | 6659 | 82.401 | 65 | 3760 | B.M. 21-15 (INGLEW 900 F-2) (5/5/68) |
| | 4833 | | 61 | | | 6596 | | 64 | | Rosecrans Ave & Hawthorne Blvd |
| | 4772 | | 123 | | | 6532 | | 129 | | See F.B. 1391-19 |
| 10 | 45000 | 4833 | | 3885 | | 19787 | 6596 | | 3869 | -No description |
| | | 57.464 | | | | | 48.997 | | | |
| | 7171 | | 219 | | | 4977 | | 220 | | |
| | 6952 | | 220 | | | 4757 | | 218 | | |
| | 6732 | | 439 | | | 4539 | | 438 | | |
| 11 | 20855 | 6952 | | 4322 | | 14273 | 4758 | | 4307 | |
| | 6467 | | 198 | | | 2193 | | 212 | | |
| | 6269 | | 198 | | | 1981 | | 213 | | |
| | 6071 | | 396 | | | 1768 | | 425 | | |
| 12 | 18807 | 6269 | | 4718 | | 5942 | 1981 | | 4732 | |
| | 8872 | | 215 | | | 2291 | | 211 | | |
| | 8657 | | 215 | | | 2080 | | 209 | | |
| | 8442 | | 430 | | | 1871 | | 420 | | |
| 13 | 25971 | 8657 | | 5147 | | 6242 | 2081 | | 5152 | |
| | | 79.342 | | | | | 57.817 | | | |

F.B. 1391 PG. 183

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Cloudy Inst. No. 50010
Notes by E. Landa Time 10:10 to 11:35 Rod No. 5 E 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-14 To B.M. 21-16
Date 1-12-531
Indexed [illegible]

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5512 | 79.342 | 135 | 5148 | | 7750 | 57.817 | 133 | 5150 | (Sy 869) B.M. 21-16 (INGLEWOOD F-12A) |
| | 5377 | | 135 | | | 7625 | | 133 | | Rosecrans Ave. & Mansolano |
| | 5242 | | 270 | | | 7492 | | 266 | | See F.B. 1391-20 |
| 14 | 16131 | 53771 | | 5418 | | 22875 | 7625 | | 5418 | for description |
| | | | | | | | | | | |
| | | | | | | | | | | Summation of Run B.M. 21-14 to B.M. 21-16 |
| | | | | | | | | | | Total Backsights + 84.719 |
| | | | | | | | | | | Total Foresights − 65.442 |
| | | | | | | | | | | Diff in Elevation + 19.277 |
| | | | | | | | | | | |
| | | 84.719 | | | | | 65.442 | | | |

F.B. 1391 PG. 184

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 E. Landa Time 1:35 to 2:40 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-16 To B.M. 21-14
Date 1-14-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 7530 | | 131 | | #6 | 5284 | | 134 | | B.M. 21-16 (Ingl. F-124)(SY-565) |
| | 7399 | | 131 | | | 5.150 | | 134 | | Rosecrans Ave. & Mansel Ave |
| | 7268 | | 262 | | | 5016 | | 268 | | See F.B. 1391-20 |
| 1 | 22197 | 7.399 | | 262 | 60° | 15450 | 5.150 | | 268 | for description |
| | 2152 | | 214 | | | 8727 | | 214 | | ⊼ G.E. Dreier |
| | 1938 | | 215 | | | 8513 | | 210 | | |
| | 1723 | | 429 | | | 8303 | | 424 | | |
| 2 | 5813 | 1.938 | | 691 | | 25543 | 8.514 | | 692 | |
| | 2299 | | 201 | | | 6600 | | 211 | | |
| | 2098 | | 200 | | | 6389 | | 211 | | |
| | 1898 | | 401 | | | 6178 | | 422 | | |
| 3 | 6295 | 2.098 | | 1092 | | 19167 | 6.389 | | 1114 | |
| | 4933 | | 220 | | | 7126 | | 220 | | |
| | 4713 | | 220 | | | 6906 | | 219 | | |
| | 4493 | | 440 | | | 6681 | | 439 | | |
| 4 | 14139 | 4.713 | | 1532 | | 20719 | 6.906 | | 1553 | |
| | | | | | | | | | | B.M. 21-15 (Ing. F-12)(SY-565) |
| | | | | | | | | | | Rosecrans Ave. & Hawthorne Blvd |
| | | | | | | | | | | See F.B. 1391-19 |
| | | | | | | | | | | for description |
| | | 16.148 | | | | | 26.959 | | | |

F.B. 1391 PG. 185

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Windy Inst. No. 50010
Notes by E. Landa Time 1:35 to 2:40 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-16 To B.M. 21-14
Date 1-14-53
Indexed K. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6547 | 16.148 | 63 | 1532 | | 4786 | 26.959 | 63 | 1553 | |
| | 6484 | | 61 | | | 4723 | | 63 | | |
| | 6423 | | 124 | | | 4660 | | 126 | | |
| 5 | 19454 | 6.485 | | 1656 | | 14169 | 4.723 | | 1679 | |
| | | 22.633 | | | | | 31.682 | | | SY 2531 L. & T in W end gas sta. at N.E. Cor. of Rosecrans Ave. & Hawthorne Blvd. ± 60' E. of Hawthorne Blvd. E. dr. fr the So. |
| | 4338 | | 169 | | | 6265 | | 175 | | |
| | 4169 | | 169 | | | 6090 | | 173 | | |
| | 4000 | | 338 | | | 5917 | | 348 | | |
| 6 | 12507 | 4.169 | | 1994 | | 18272 | 6.091 | | 2027 | |
| | 4390 | | 215 | | | 5680 | | 216 | | |
| | 4175 | | 213 | | | 5464 | | 213 | | |
| | 3962 | | 428 | | | 5251 | | 429 | | |
| 7 | 12527 | 4.176 | | 2422 | | 16395 | 5.465 | | 2456 | |
| | 5379 | | 212 | | | 5596 | | 216 | | |
| | 5167 | | 209 | | | 5380 | | 213 | | |
| | 4958 | | 421 | | | 5167 | | 429 | | |
| 8 | 15504 | 5.168 | | 2843 | | 16143 | 5.[illegible] | | 2885 | |
| | | 36.146 | | | | | 48.[illegible]9 | | | |

F.B. 1391 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 Windy Inst. No. 50010
Notes by E. Landa Time 1:35 to 2:40 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-16 To B.M. 21-14
Date 1-14-53
Indexed [illegible]

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5471 | 36.146 ✓ | 213 | 2843 ✓ | | 5673 | 48.619 ✓ | 207 | 2885 ✓ | |
| | 5253 | | 214 | | | 5466 | | 208 | | |
| | 5039 | | 432 ✓ | | | 5258 | | 415 ✓ | | |
| 9 | 15763 | 5.254 ✓ | | 3275 ✓ | | 16397 | 5.466 ✓ | | 3300 ✓ | |
| | 4571 | | 212 | | | 4882 | | 214 | | |
| | 4359 | | 210 | | | 4668 | | 212 | | |
| | 4149 | | 422 ✓ | | | 4456 | | 426 ✓ | | |
| 10 | 13079 | 4360 ✓ | | 3697 ✓ | | 14006 | 4.669 ✓ | | 3726 ✓ | |
| | 5028 | | 215 | | | 7562 | | 214 | | |
| | 4813 | | 213 | | | 7348 | | 211 | | |
| | 4600 | | 428 ✓ | | | 7137 | | 425 ✓ | | |
| 11 | 14441 | 4.814 ✓ | | 4125 ✓ | | 22047 | 7.349 ✓ | | 4151 ✓ | |
| | 5758 | | 211 | | | 6464 | | 211 | | |
| | 5539 | | 218 | | | 6253 | | 209 | | |
| | 5321 | | 437 ✓ | | | 6044 | | 420 ✓ | | |
| 12 | 16618 | 5.539 ✓ | | 4562 ✓ | | 18761 | 6.254 ✓ | | 4571 ✓ | |
| | 5585 | | 215 | | | 6631 | | 214 | | |
| | 5370 | | 218 | | | 6467 | | 214 | | |
| | 5152 | | 433 ✓ | | | 6253 | | 428 ✓ | | |
| 13 | 16107 | 5.369 ✓ | | 4995 ✓ | | 19401 | 6.467 ✓ | | 4999 ✓ | |
| | | 61482 ✓ | | | | | 78.824 ✓ | | | |

F.B. 1391 PG. 187

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Windy Inst. No. 50010
Notes by E. Lanch Time 1:35 to 2:40 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-16 To B.M. 21-14
Date 1-14-53
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5813 | 61.482 ✓ | 215 | 4995 ✓ | | 7747 | 7.824 ✓ | 215 | 4999 ✓ | B.M. 21-14 |
| | 5598 | | 215 | | | 7532 | | 214 | | Rosecrans Ave. & Prairie Ave |
| | 5383 | | 430 ✓ | | | 7318 | | 429 ✓ | | See F.B. 1391, 18 |
| 14 | 16794 | 5.598 ✓ | | 5425 ✓ | 2° | 22597 | 7.532 ✓ | | 5428 ✓ | for description |
| | | | | | | | | | | Summation of Run B.M. 21-16 to B.M. 21-14 |
| | | | | | | | | | | Total Backsights = + 67.080 ✓ |
| | | | | | | | | | | Total Fore " = - 86.356 ✓ |
| | | | | | | | | | | Diff. in Elev. - 19.276 ✓ |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | 67.080 ✓ | | | | | 86.356 ✓ | | | |

F.B. 1391 PG 188

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 11:30 TO 2:30 Rod No. 5[illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-16 To B.M. 21-18
Date 1-12-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2587 | | 285 | | #5 | 5.433 | | 280 | | B.M. 21-16 (INGLEWOOD F-12A) (SY 569) |
| | 2304 | | 282 | | | 5.153 | | 278 | | ROSECRANS AVE. & MANSEL AVE. |
| | 2022 | | 567 | | | 4.875 | | 558 | | SEE F.B. 1391-20 |
| 1 | 6.913 | 2.305 | | 567 | 62° | 15.461 | 5.154 | | 558 | FOR DESCRIPTION |
| | 6695 | | 229 | | | 4.402 | | 224 | | |
| | 6.466 | | 228 | | | 4.178 | | 225 | | ⊼ E. LANDA |
| | 6.238 | | 457 | | | 3.953 | | 449 | | |
| 2 | 19.399 | 6.466 | | 1024 | | 12.533 | 4.178 | | 1007 | |
| | 4.794 | | 216 | | | 5.495 | | 216 | | |
| | 4578 | | 218 | | | 5.279 | | 216 | | |
| | 4360 | | 434 | | | 5.063 | | 432 | | |
| 3 | 13.732 | 4.577 | | 1.458 | | 15.837 | 5.279 | | 1.439 | STOPPED 1 HOUR 12:00 TO 1:00 |
| | 4855 | | 211 | | | 5.464 | | 239 | | |
| | 4644 | | 207 | | | 5.225 | | 238 | | |
| | 4.437 | | 418 | | | 4987 | | 477 | | |
| 4 | 13.936 | 4.645 | | 1.876 | | 15.676 | 5.225 | | 1.916 | |
| | 5.072 | | 115 | | | 5.390 | | 141 | | |
| | 4.957 | | 116 | | | 5.249 | | 139 | | |
| | 4.841 | | 231 | | | 5.110 | | 280 | | |
| 5 | 14.870 | 4.957 | | 2.107 | | 15.749 | 5.250 | | 2.196 | |
| | | 22.950 | | | | | 25.086 | | | |

F.B. 1391 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 OVERCAST  Inst. No. 50010
Notes by G. E. DREIER  Time 11:30 TO 2:30  Rod No. 5 [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-16 To B.M. 21-18
Date 1-12-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.097 | 22.950 | 142 | 2107 | | 5.912 | 25.086 | 142 | 2196 | |
| | 4.955 | | 141 | | | 5.770 | | 141 | | |
| | 4.814 | | 283 | | | 5.629 | | 283 | | |
| 6 | 14.866 | 4.955 | | 2390 | | 17.311 | 5.770 | | 2479 | |
| | | 27.905 | | | | | 34.856 | | | (SY 572) B.M. 21-17 (INGLEWOOD E-12) ROSECRANS AVE & INGLEWOOD AVE. SEE F.B. 1391-21 FOR DESCRIPTION |
| | 5.693 | | 213 | | | [illegible] | | 231 | | |
| | 5.480 | | 212 | | | 4.589 | | 231 | | |
| | 5.268 | | 425 | | | 4.358 | | 462 | | |
| 7 | 16.441 | 5.480 | | 2815 | | 13.767 | 4.589 | | 2941 | |
| | 5.592 | | 196 | | | 5.081 | | 212 | | |
| | 5.396 | | 197 | | | 4.869 | | 211 | | |
| | 5.199 | | 393 | | | 4.658 | | 423 | | |
| 8 | 16.187 | 5.396 | | 3208 | | 14.608 | 4.869 | | 3364 | |
| | 5.677 | | 214 | | | 5.220 | | 212 | | |
| | 5.463 | | 211 | | | 5.008 | | 213 | | |
| | 5.252 | | 425 | | | 4.795 | | 425 | | |
| 9 | 16.392 | 5.464 | | 3633 | | 15.023 | 5.008 | | 3789 | |
| | | 44.245 | | | | | 45.322 | | | |

F.B. 1391 PG. 190

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 11:30 TO 2:30 Rod No. 5 [illegible]

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4922
From B.M. 21-11 To B.M. 21-8
Date 1-12-53
Indexed S. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.739 | 44.245 | 229 | 3633 | | 5.139 | 45.222 | 201 | 3.789 | |
| | 5.510 | | 228 | | | 4.939 | | 198 | | |
| | 5.282 | | 457 | | | 4.741 | | 398 | | |
| 10 | 16.531 | 5.510 | | 4.090 | | 14.819 | 4.940 | | 4.187 | |
| | 5.525 | | 213 | | | 4.978 | | 215 | | |
| | 5.312 | | 212 | | | 4.763 | | 211 | | |
| | 5.100 | | 425 | | | 4.552 | | 426 | | |
| 11 | 15.937 | 5.312 | | 4.615 | | 14.293 | 4.764 | | 4.613 | |
| | 5.489 | | 216 | | | 4.321 | | 212 | | T.P. [illegible] |
| | 5.273 | | [illegible] | | | 4.109 | | 211 | | GATE [illegible], N.E. [illegible] |
| | 5.057 | | 429 | | | 3.898 | | 423 | | L.E.V. [illegible] |
| 12 | 15.822 | 5.274 | | 4.944 | | 12.328 | 4.109 | | 5.036 | |
| | 5.161 | 60.341 | 232 | | | 4.970 | 59.135 | 222 | | |
| | 4.930 | | 232 | | | 4.738 | | 231 | | |
| | 4.695 | | 463 | | | 4.507 | | 453 | | |
| 13 | 14.789 | 4.930 | | 4.407 | | 14.215 | 4.738 | | 5.199 | |
| | 5.318 | | 214 | | | 4.965 | | 213 | | |
| | 5.105 | | 213 | | | 4.752 | | 212 | | |
| | 4.892 | | 427 | | | 4.540 | | 425 | | |
| 14 | 15.916 | 5.305 | | 4.334 | | 14.257 | 4.752 | | 5.924 | |
| | | 70.576 | | | | | 68.625 | | | |

F.B. 391 PG. 191

FORM 379 SM 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather Overcast Inst. No. 50010
Notes by G. E. DREIER Time 11:30 to 2:30 Rod No. 556

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-16 To B.M. 21-18
Date 1-12-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6.337 | 70.576 ✓ | 217 | 5.834 ✓ | | 4.643 | 68.025 ✓ | 210 | 5.924 ✓ | |
| | 6.120 | | 213 | | | 4.435 | | 208 | | |
| | 5.907 | | 430 ✓ | | | 4.225 | | 418 ✓ | | |
| 15 | 18.364 ✓ | 6.121 ✓ | | 6.264 ✓ | | 13.301 ✓ | 4.434 ✓ | | 6.342 ✓ | |
| | 5.800 | 76.697 ✓ | 156 | | | 4.817 | 73.059 ✓ | 157 | | Sy 575 L & T. IN CONC. |
| | 5.644 | | 153 | | | 4.662 | | 153 | | PAVT. ± 9' S. OF ℄ ROSECRANS |
| | 5.491 | | 309 ✓ | | | 4.509 | | 310 ✓ | | AVE. ± 10' E. ℄ OF ANZA AVE. |
| 16 | 16.935 ✓ | 5.645 ✓ | | 6.573 ✓ | | 13.990 ✓ | 4.663 ✓ | | 6.652 ✓ | |
| | 5.740 | | 215 | | | 3.471 | | 213 | | |
| | 5.525 | | 214 | | | 3.258 | | 211 | | |
| | 5.311 | | 429 ✓ | | | 3.047 | | 424 ✓ | | |
| 17 | 16.576 ✓ | 5.525 ✓ | | 7.002 ✓ | | 9.776 ✓ | 3.259 ✓ | | 7.076 ✓ | |
| | 7.240 | | 215 | | | 4.256 | | 215 | | B.M. 21-18 (INGLEWOOD DIV.) |
| | 7.025 | | 213 | | | 4.041 | | 213 | | ROSECRANS AVE & HINDRY AVE |
| | 6.812 | | 428 ✓ | | | 3.828 | | 428 ✓ | | SEE F.B. 1391-22 FOR DESCRIPTION |
| 18 | 21.077 ✓ | 7.026 ✓ | | 7.430 ✓ | 60° | 12.125 ✓ | 4.042 ✓ | | 7.504 ✓ | SUMMATION OF RUN |
| | | | | | | | | | | B.M. 21-16 TO B.M. 21-18 |
| | | | | | | | | | | TOTAL BACKSIGHTS + 94.893 ✓ |
| | | | | | | | | | | TOTAL FORESIGHTS − 85.023 ✓ |
| | | | | | | | | | | DIFF IN ELEVATION + 9.870 ✓ |
| | | 94.893 ✓ | | | | | 85.023 ✓ | | | |

F.B. 1391 PG. 192

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G.E. DREIER Time 10:20 TO 11:30 Rod No. 5[illegible]

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-18 To B.M. 21-16
Date 1-14-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4.535 | | 213 | | #6 | 7.510 | | 215 | | B.M. 21-18 (INGLEWOOD D-12) |
| | 4.312 | | 214 | | | 7.295 | | 213 | | ROSECRANS AVE & HINDRY AVE |
| | 4.098 | | 427 | | | 7.082 | | 428 | | SEE F.B. 1391-22 |
| 1 | 12.935 | 4.312 | | 427 | 58° | 21.887 | 7.296 | | 428 | FOR DESCRIPTION |
| | 3.977 | | 213 | | | 6.245 | | 215 | | |
| | 3.764 | | 210 | | | 6.030 | | 213 | | ⊼ E. LANDA |
| | 3.554 | | 423 | | | 5.817 | | 428 | | |
| 2 | 11.295 | 3.765 | | 850 | | 18.092 | 6.031 | | 856 | |
| | 4.784 | | 154 | | | 5.768 | | 155 | | |
| | 4.630 | | 154 | | | 5.613 | | 154 | | |
| | 4.476 | | 308 | | | 5.459 | | 309 | | |
| 3 | 13.890 | 4.630 | | 1.158 | | 16.840 | 5.613 | | 1.165 | |
| | | 12.707 | | | | | 18.940 | | | SY 575 L.&T. IN CONC. PUT ±9' S. OF ℄ OF ROSECRANS AVE. ±10' E. ℄ OF ANZA AVE. |
| | 4.355 | | 212 | | | 6.043 | | 213 | | |
| | 4.143 | | 208 | | | 5.830 | | 213 | | |
| | 3.935 | | 420 | | | 5.617 | | 426 | | |
| 4 | 12.433 | 4.144 | | 1.578 | | 17.490 | 5.830 | | 1.591 | |
| | | 16.851 | | | | | 24.770 | | | |

F.B. 1391 PG. 193

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by " Time 10:20 TO 11:30 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-18 To B.M. 21-16
Date 1-14-53
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.129 | 16.851 | 216 | 1.578 | | 5.679 | 24.770 | 212 | 1.591 | |
| | 4.913 | | 214 | | | 5.467 | | 211 | | |
| | 4.699 | | 430 | | | 5.256 | | 423 | | |
| 5 | 14.741 | 4.914 | | 2.008 | | 16.402 | 5.467 | | 2.014 | |
| | 5.003 | | 231 | | | 5.194 | | 233 | | |
| | 4.772 | | 231 | | | 4.961 | | 230 | | |
| | 4.541 | | 462 | | | 4.731 | | 463 | | |
| 6 | 14.316 | 4.772 | | 2.470 | | 14.886 | 4.962 | | 2.477 | |
| | 4.490 | 26.537 | 213 | | | 5.655 | 35.199 | 215 | | T.P. ROSECRANS & OCEAN |
| | 4.277 | | 213 | | | 5.440 | | 211 | | GATE AVE N.E. COR. |
| | 4.064 | | 426 | | | 5.229 | | 426 | | L.8 N. IN CONC. HEADWALL |
| 7 | 12.831 | 4.277 | | 2.896 | | 16.324 | 5.441 | | 2.903 | |
| | 5.083 | | 213 | | | 5.628 | | 214 | | |
| | 4.870 | | 211 | | | 5.414 | | 214 | | |
| | 4.659 | | 424 | | | 5.200 | | 428 | | |
| 8 | 14.612 | 4.871 | | 3.320 | | 16.242 | 5.414 | | 3.331 | |
| | 5.221 | | 214 | | | 5.791 | | 213 | | |
| | 5.007 | | 215 | | | 5.578 | | 213 | | |
| | 4.792 | | 429 | | | 5.365 | | 426 | | |
| 9 | 15.020 | 5.007 | | 3.749 | | 16.734 | 5.578 | | 3.757 | |
| | | 40.692 | | | | | 51.692 | | | |

F.B. 1391 PG 194

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 10:20 TO 11:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-18 To B.M. 21-16
Date 1-14-55
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.160 | 4.692 | 212 | 3.749 | | 5.612 | 5.632 | 213 | 3.757 | |
| | 4.948 | | 215 | | | 5.399 | | 210 | | |
| | 4.732 | | 427 | | | 5.189 | | 423 | | |
| 10 | 14.841 | 4.947 | | 4.176 | | 16.200 | 5.400 | | 4.180 | |
| | 5.150 | | 212 | | | 5.663 | | 214 | | |
| | 4.938 | | 213 | | | 5.449 | | 214 | | |
| | 4.725 | | 425 | | | 5.235 | | 428 | | |
| 11 | 14.813 | 4.938 | | 4.601 | | 16.347 | 5.449 | | 4.608 | |
| | 4.850 | | 215 | | | 5.745 | | 213 | | |
| | 4.635 | | 214 | | | 5.532 | | 210 | | |
| | 4.421 | | 429 | | | 5.322 | | 423 | | |
| 12 | 13.906 | 4.635 | | 5.030 | | 16.599 | 5.533 | | 5.031 | (SY 572) |
| | | 55.212 | | | | | 68.014 | | | B.M. 21-17 (INGLEWOOD E -12) ROSECRANS AVE & INGLEWOOD AVE. SEE F.B. 1391-21 FOR DESCRIPTION |
| | 5.853 | | 141 | | | 5.038 | | 144 | | |
| | 5.712 | | 140 | | | 4.894 | | 141 | | |
| | 5.572 | | 281 | | | 4.753 | | 285 | | |
| 13 | 17.137 | 5.712 | | 5.311 | | 14.685 | 4.895 | | 5.316 | |
| | | 60.924 | | | | | 72.909 | | | |

F.B. 1391 PG. 19

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-18 To B.M. 21-16
Date 1-14-53
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.328 | 6.0924 | 141 | 5.311 | | 4.962 | 7.2909 | 139 | 5.316 | |
| | 5.187 | | 139 | | | 4.823 | | 139 | | |
| | 5.048 | | 280 | | | 4.684 | | 278 | | |
| 14 | 15.563 | 5.188 | | 5.591 | | 14.469 | 4.823 | | 5.594 | |
| | 5.581 | | 211 | | | 5.069 | | 214 | | |
| | 5.370 | | 211 | | | 4.855 | | 214 | | SUMMATION OF RUN |
| | 5.159 | | 422 | | | 4.641 | | 428 | | B.M. 21-18 TO B.M. 21-16 |
| 15 | 16.110 | 5.370 | | 6.013 | | 14.565 | 4.855 | | 6.022 | |
| | 5.853 | | 215 | | | 5.1[illegible] | | 214 | | TOTAL BACKSIGHTS + 86.587 |
| | 5.638 | | 211 | | | 4.936 | | 213 | | TOTAL FORESIGHTS - 96.426 |
| | 5.427 | | 426 | | | 4.723 | | 427 | | DIFF. IN ELEVATION - 9.839 |
| 16 | 6.918 | 5.639 | | 6.439 | | 14.809 | [illegible] | | 6.449 | |
| | 4.549 | | 214 | | | 6.686 | | 215 | | |
| | 4.335 | | 214 | | | 6.471 | | 212 | | |
| | 4.121 | | 428 | | | 6.259 | | 427 | | |
| 17 | 13.005 | 4.335 | | 6.867 | | 19.416 | 6.472 | | 6.876 | |
| | 5.434 | | 304 | | | 2.717 | | 387 | | B.M. 21-16 (INGLEWOOD |
| | 5.130 | | 302 | | | 2.430 | | 283 | | ROSECRANS AVE & MANSEL |
| | 4.828 | | 606 | | | 2.147 | | 670 | | SEE F.B. 1391 - 20 |
| 18 | 15.392 | 5.131 | | 7.473 | 63° | 7.294 | 2.431 | 15 | 7.546 | FOR DESCRIPTION |
| | | 86.587 | | | | | 96.426 | | | |

F.B. 1391 PG. 196

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR-BREEZY Inst. No. 50010
Notes by G.E. DREIER Time 1:10 TO 2:45 Rod No. 5E6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-18 To B.M. 21-16
Date 1-15-53
Indexed A. C. TORRES

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4.378 | | 216 | | #5 | 7.359 | | 216 | | B.M. 21-18 (INGLEWOOD D-12) |
| | 4.162 | | 213 | | | 7.143 | | 213 | | ROSECRANS AVE & HINDRY AVE. |
| | 3.949 | | 429 | | | 6.930 | | 429 | | SEE F.B. 1391-22 |
| 1 | 12.489 | 4.163 | | 429 | 72° | 21.432 | 7.144 | | 429 | FOR DESCRIPTION |
| | 3896 | | 214 | | | 6162 | | 213 | | |
| | 3.682 | | 210 | | | 5.949 | | 212 | | T E. LANDA |
| | 3472 | | 424 | | | 5.737 | | 425 | | |
| 2 | 11.050 | 3.683 | | 853 | | 17.848 | 5.949 | | 854 | |
| | 4632 | | 155 | | | 5603 | | 154 | | |
| | 4467 | | 155 | | | 5.449 | | 154 | | SY 575 L&T. IN CONC. PIT=9 |
| | 4.312 | | 310 | | | 5295 | | 308 | | S OF ℄ ROSECRANS AVE. ± 10' E |
| 3 | 13.401 | 4.467 | | 1.163 | | 16.347 | 5.449 | | 1.162 | OF ANZA AVE. |
| | 4.483 | 12.313 | 210 | | | 6.175 | 18.542 | 216 | | |
| | 4.273 | | 210 | | | 5.959 | | 212 | | |
| | 4063 | | 420 | | | 5.747 | | 428 | | |
| 4 | 12.819 | 4.273 | | 1.583 | | 17.881 | 5960 | | 1.590 | |
| | 5.105 | | 213 | | | 5660 | | 214 | | |
| | 4.892 | | 212 | | | 5.446 | | 213 | | |
| | 4.680 | | 425 | | | 5.233 | | 427 | | |
| 5 | 14.677 | 4.892 | | 2008 | | 16.339 | 5.446 | | 2.012 | |
| | | 21.478 | | | | | 29.948 | | | |

F.B. 1391 PG. 197

FORM 379 SM 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR-BREEZY Inst. No. 50010
Notes by G.E. DREIER Time 1:10 TO 2:45 Rod No. 556

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-18 To B.M. 21-16
Date 1-15-53
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5040 | 21.478 | 232 | 2.008 | | 5.231 | 21.948 | 233 | 2.017 | |
| | 4.808 | | 231 | | | 4.998 | | 230 | | T.P. ROSECRANS AVE & OCEAN |
| | 4577 | | 463 | | | 4.768 | | 463 | | VIEW AVE. N.E. COR. L. & N. IN |
| 6 | 14.425 | 4.808 | | 2.471 | | 14.997 | 4.999 | | 2.480 | CONC HEADWALL |
| | 4.460 | 26.286 | 212 | | | 5.627 | 23.947 | 215 | | |
| | 4.248 | | 213 | | | 5.412 | | 212 | | |
| | 4.035 | | 425 | | | 5.200 | | 427 | | |
| 7 | 12.743 | 4.248 | | 2.896 | | 16.239 | 5.413 | | 2.907 | |
| | 5.149 | | 215 | | | 5.692 | | 212 | | |
| | 4.937 | | 213 | | | 5.480 | | 211 | | |
| | 4.721 | | 428 | | | 5.269 | | 423 | | |
| 8 | 14.804 | 4.935 | | 3.324 | | 16.441 | 5.480 | | 3.330 | |
| | 5143 | | 215 | | | 5.710 | | 212 | | |
| | 4.928 | | 216 | | | 5.498 | | 211 | | |
| | 4.712 | | 431 | | | 5.287 | | 423 | | |
| 9 | 14.783 | 4.928 | | 3.755 | | 16.495 | 5.498 | | 3.753 | |
| | 5.168 | | 216 | | | 5.620 | | 212 | | |
| | 4.952 | | 212 | | | 5.408 | | 212 | | |
| | 4.740 | | 428 | | | 5.196 | | 424 | | |
| 10 | 14.860 | 4.953 | | 4.183 | | 16.224 | 5.408 | | 4.177 | |
| | | 45.350 | | | | | 56.746 | | | |

F.B. 1391 PG. 198

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-BREEZY Inst. No. 50010
Notes by G. E. DREIER Time 1:10 TO 2:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-18 To B.M. 21-16
Date 1-15-52
Indexed L. A. CO. ENGINEER

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.028 | 45.350 | 215 | 4.183 | | 5.537 | 56.746 | 198 | 4.177 | |
| | 4.813 | | 212 | | | 5.339 | | 197 | | |
| | 4.601 | | 427 | | | 5.142 | | 395 | | |
| 11 | 14.442 | 4.814 | | 4.610 | | 16.018 | 5.339 | | 4.572 | |
| | 4.766 | | 224 | | | 5.658 | | 222 | | |
| | 4.542 | | 221 | | | 5.436 | | 220 | | |
| | 4.321 | | 445 | | | 5.216 | | 442 | | |
| 12 | 13.629 | 4.543 | | 5.055 | | 16.310 | 5.437 | | 5.014 | |
| | | 54.707 | | | | | 67.522 | | | 34.572 |
| | | | | | | | | | | B.M. 21-17 (INGLEWOOD E-12) ROSECRANS AVE & INGLEWOOD AVE. SEE F.B. 1391-21 |
| | 5.810 | | 141 | | | 4.995 | | 143 | | |
| | 5.669 | | 140 | | | 4.852 | | 142 | | |
| | 5.529 | | 281 | | | 4.710 | | 285 | | |
| 13 | 17.008 | 5.669 | | 5.336 | | 14.557 | 4.852 | | 5.299 | |
| | 5.301 | | 130 | | | 4.957 | | 149 | | |
| | 5.171 | | 130 | | | 4.808 | | 149 | | |
| | 5.041 | | 260 | | | 4.659 | | 298 | | |
| 14 | 15.513 | 5.171 | | 5.596 | | 14.424 | 4.808 | | 5.597 | |
| | | 65.547 | | | | | 77.182 | | | |

F.B. 1391 PG. 19.2

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR - BREEZY Inst. No. 50010
Notes by G. E. DREIER Time 1:10 TO 2:45 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-18 To B.M. 21-16
Date 1-15-53
Indexed L. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.574 | 5.547 | 213 | 5.596 | | 5.065 | 7.182 | 213 | 5.597 | |
| | 5.361 | | 209 | | | 4.852 | | 213 | | |
| | 5.152 | | 422 | | | 4.639 | | 426 | | |
| 15 | 16.087 | 5.362 | | 6.018 | | 14.556 | 4.852 | | 6.023 | |
| | 5.543 | | 215 | | | 4.840 | | 215 | | |
| | 5.328 | | 215 | | | 4.625 | | 214 | | |
| | 5.109 | | 434 | | | 4.411 | | 429 | | |
| 16 | 15.980 | 5.327 | | 6.452 | | 13.876 | 4.625 | | 6.452 | |
| | 4.370 | | 212 | | | 6.509 | | 214 | | |
| | 4.158 | | 212 | | | 6.295 | | 214 | | |
| | 3.946 | | 424 | | | 6.081 | | 428 | | |
| 17 | 12.474 | 4.158 | | 6.876 | | 18.885 | 6.295 | | 6.880 | SUMMATION OF RUN B.M. 21-18 TO B.M. 21-16 |
| | 4.703 | | 211 | | | 3.779 | | 212 | | TOTAL BACKSIGHTS + 91.136 |
| | 4.492 | | 212 | | | 3.567 | | 215 | | TOTAL FORESIGHTS - 101.000 |
| | 4.280 | | 423 | | | 3.352 | | 427 | | DIFF. IN ELEVATION - 9.864 |
| 18 | 13.475 | 4.492 | | 7.299 | | 10.698 | 3.566 | | 7.307 | |
| | 6.335 | | 085 | | | 4.558 | | 78 | | B.M. 21-16 (54 569) (INGLEWOOD F-12A) |
| | 6.250 | | 086 | | | 4.480 | | 77 | | ROSECRANS AVE & MANSEL AVE |
| | 6.164 | | 171 | | | 4.403 | | 155 | | SEE F.B. 1391-20 |
| 19 | 18.749 | 6.250 | | 7.470 | 76 | 13.441 | 4.480 | | 7.462 | FOR DESCRIPTION |
| | | 91.136 | | | | | 101.000 | | | |

F.B. 1391 PG. 200

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Cloudy Inst. No. 50010
Notes by E. Landa Time 2:35 to 3:30 Rod No. 5 8 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-18 To B.M. 148
Date 1-12-53
Indexed [illegible]

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5084 | | 213 | | #5 | 7303 | | 212 | | B.M. 21-18 (Inglwd. D-12) |
| | 4871 | | 212 | | | 7091 | | 212 | | Rosecrans Ave. & Hindry Ave. |
| | 4659 | | 425 | | | 6879 | | 424 | | See F.B. 1391-[illegible] |
| 1 | 14614 | 4871 | | 425 | 60° | 21273 | 7,091 | | 424 | for description |
| | 3070 | | 211 | | | 4240 | | 213 | | |
| | 2859 | | 211 | | | 4027 | | 212 | | [illegible] G. E. Dreier |
| | 2648 | | 422 | | | 3815 | | 425 | | |
| 2 | 8577 | 2859 | | 847 | | 12082 | 4,027 | | 849 | |
| | 9530 | | 212 | | | 2945 | | 213 | | |
| | 9318 | | 210 | | | 2732 | | 211 | | |
| | 9108 | | 422 | | | 2521 | | 424 | | |
| 3 | 27956 | 9319 | | 1269 | | 8198 | 2,733 | | 1273 | |
| | 2211 | | 212 | | | 9067 | | 210 | | |
| | 1999 | | 212 | | | 8857 | | 210 | | |
| | 1787 | | 424 | | | 8647 | | 420 | | |
| 4 | 5997 | 1,999 | | 1693 | | 26571 | 8,857 | | 1693 | |
| | 2092 | | 212 | | | 6048 | | 215 | | |
| | 1880 | | 211 | | | 5833 | | 212 | | |
| | 1669 | | 423 | | | 5621 | | 427 | | |
| 5 | 5641 | 1880 | | 2116 | | 17502 | 5834 | | 2120 | |
| | | 20,928 | | | | | 28,542 | | | |

F.B. 1391 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 Cloudy Inst. No. 50010
Notes by E. Landa Time 2:35 to 3:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 6923
From B.M. 21.18 To B.M. 148
Date 1-12-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.481 | 20.928 | 182 | 2116 | | 5.252 | 28.542 | 175 | 2120 | |
| | 5.299 | | 183 | | | 5.077 | | 174 | | |
| | 5116 | | 365 | | | 4.903 | | 349 | | |
| 6 | 15.896 | 5.299 | | 2481 | | 15.232 | 5.077 | | 2469 | |
| | 7.028 | | 158 | | | 0727 | | 158 | | |
| | 6.870 | | 158 | | | 0569 | | 157 | | |
| | 6.712 | | 316 | | | 0412 | | 315 | | |
| 7 | 20.610 | 6.870 | | 2797 | | 1.708 | 0.569 | | 2784 | |
| | | 33.097 | | | | | [illegible] | | | B.M. Y 149 (CO.L.A ROAD) COPPER DISC IN N. END OF WEST ABUT. N.W. COR OF ROSECRANS AVE & AVIATION BLVD. |
| | 0481 | | 125 | | | 0602 | | 121 | | |
| | 0356 | | 126 | | | 0481 | | 121 | | |
| | 0230 | | 251 | | | 0360 | | 242 | | |
| 8 | 1.067 | 0.356 | | 3048 | | 1.443 | 0.481 | | 3026 | |
| | 10423 | | 48 | | | 0050 | | 57 | | |
| | 10375 | | 48 | | | 0493 | | 55 | | |
| | 10327 | | 96 | | | 0433 | | 112 | | |
| 9 | 31125 | 10.375 | | 3144 | | 1481 | 0.494 | | 3138 | |
| | | 43.828 | | | | | 35.163 | | | |

F.B. 1391 PG. 202

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Cloudy Inst. No. 500[illegible]
Notes by E. Landa Time 2:30 to 3:30 Rod No. 5[illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-18 To B.M. 148
Date 1-12-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6822 | 43828 ✓ | 18 | 3144 ✓ | | 7057 | 35.163 ✓ | 19 | 3138 ✓ | B.M. 21-19 (Inglwd. C-12) |
| | 6804 | | 16 | | | 7038 | | 18 | | Rosecrans Ave & Aviation Ave |
| | 6788 | | 34 ✓ | | | 7020 | | 37 ✓ | | See F.B. 1391-23 |
| 10 | 20414 | 6805 ✓ | | 3178 ✓ | | 21115 | 7.038 ✓ | | 3175 ✓ | for description |
| | | 50.633 ✓ | | | | | 42.201 ✓ | | | |
| | 0990 | | 31 | | | 10303 | | 47 | | B.M. 148 (LA Co. Rd. Dept) |
| | 0959 | | 31 | | | 10256 | | 47 | | Copper dis. in S.W. end of |
| | 0928 | | 62 ✓ | | | 10209 | | 94 ✓ | | West abut. S.E. Cor. of |
| 11 | 2877 | 0.959 ✓ | | 3240 | 590 | 30768 | 10.256 ✓ | | 3269 ✓ | Rosecrans Ave & Aviation Blvd |
| | | | | | | | | | | Summation of Run B.M. 21-18 to B.M. 148 |
| | | | | | | | | | | Total Backsights = + 51.592 ✓ |
| | | | | | | | | | | Total Foresights = 52.457 ✓ |
| | | | | | | | | | | diff. in Elev. = − 0.865 ✓ |
| | | 51.592 ✓ | | | | | 52.457 ✓ | | | |

F.B. 1391 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 K. 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. 1391 PG. 204 | | | | | | | | | | |
| | | | | | | | | | | |

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by G. Landa Time 9:25 to 11:15 Rod No. 256

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 148 To B.M. 21-18
Date 1-14-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 10 506 | | 49 | | #5 | 1191 | | 33 | | B.M. 148 (L.A.Co. Eng. Dept.) |
| | 10 457 | | 49 | | | 1158 | | 32 | | Copper cap in S.W. end of |
| | 10408 | | 98 | | | 1126 | | 65 | | E. abut. S.E. cor. of |
| 1 | 31.371 | 10.457 | | 98 | 61° | 3475 | 1.158 | | 65 | Rosecrans Ave & Aviation Blvd. |
| | | | | | | | | | | G. E. Dreier |
| | 5169 | | 32 | | | 4936 | | 34 | | B.M. 21-19 (Engel C-12) |
| | 5137 | | 34 | | | 4902 | | 33 | | Rosecrans Ave. & Aviation Blvd. |
| | 5103 | | 67 | | | 4869 | | 67 | | See F.B. 1391-23 |
| 2 | 15409 | 5.136 | | 165 | | 14707 | 4902 | | 132 | for description |
| | 0569 | | 53 | | | 10442 | | 45 | | |
| | 0516 | | 53 | | | 10397 | | 45 | | |
| | 0463 | | 106 | | | 10352 | | 90 | | |
| 3 | 1548 | 0.516 | | 270 | | 3119 | 10.397 | | 222 | |
| | 0647 | | 124 | | | 0524 | | 124 | | |
| | 0523 | | 123 | | | 0600 | | 124 | | |
| | 0400 | | 247 | | | 0216 | | 248 | | |
| 4 | 1570 | 0.523 | | 517 | | 1200 | 0.600 | | 470 | |
| | | 16.632 | | | | | 16.857 | | | |

F.B. 1391 PG. 205

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 9:25 to 11:15 Rod No. 556

Name L. A. CO. PRECISE LEVEL NET
Job No. 4903
From B.N. 148 To B.N. 21-13
Date 1-12-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 16.632 | | ~~416~~ 517 | | | [illegible] | | 470 | B.M. Y-149 (CO. LA. Rd. DEPT) COPPER DISC IN N. END OF WEST ABUT. N.W. COR. OF ROSECRANS AVE. & AVIATION BLVD. |
| | 0.780 | | 158 | | | 7.081 | | 158 | | |
| | 0.622 | | 155 | | | 6.923 | | 156 | | |
| | 0.467 | | 313 | 830 ~~757~~ | | 6.767 | | 314 | | |
| 5 | 1.869 | 0.623 | | | | 20.771 | 6.924 | | 784 | |
| | 5.215 | | 175 | | | 5.447 | | 185 | | |
| | 5.040 | | 175 | | | 5.262 | | 184 | | |
| | 4.865 | | 350 | 1180 ~~1084~~ | | 5.078 | | 369 | | |
| 6 | 15.120 | 5.040 | | | | 15.787 | 5.262 | | 1153 | |
| | 6.338 | | 220 | | | 6.370 | | 208 | | |
| | 6.118 | | 218 | | | 6.162 | | 204 | | |
| | 5.900 | | 438 | 1618 ~~1519~~ | | 5.958 | | 412 | | |
| 7 | 18.356 | 6.119 | | | | 18.490 | 6.163 | | 1565 | |
| | 9.411 | | 211 | | | 2.552 | | 212 | | |
| | 12.200 | | 211 | | | 2.340 | | 211 | | |
| | 8.989 | | 422 | 2040 ~~1944~~ | | 2.129 | | 423 | | |
| 8 | 27.600 | 9.200 | | | | 7.021 | 2.340 | | 1958 | |
| | | 37.614 | | | | | 32.746 | | | |

F.B. 1391 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. S. [illegible] Weather Clear Inst. No. 50010
Notes by E. Landa Time 9:25 to 10:15 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 148 To B.M. 21-18
Date 1-14-58
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 3289 | 37.614 | 218 | ~~1941~~ 2040 | | 9866 | 33.546 | 209 | 1988 | |
| | 3071 | | 218 | | | 9657 | | 207 | | |
| | 2853 | | 436 | | | 9450 | | 416 | | |
| 9 | 9213 | 3.071 | | 2476 ~~2377~~ | | 28973 | 9.658 | | 2404 | |
| | 4529 | | 215 | | | 3359 | | 212 | | |
| | 4314 | | 212 | | | 3147 | | 211 | | |
| | 4102 | | 427 | | | 2936 | | 423 | | |
| 10 | 12945 | 4.315 | | 2903 ~~2894~~ | | 9442 | 3.147 | | 2827 | |
| | 7500 | | 212 | | | 5280 | | 212 | | B.M. 21-18 (Ingwd. D-12) |
| | 7288 | | 211 | | | 5068 | | 213 | | Rock nans [illegible] & [illegible] |
| | 7077 | | 423 | | | 4855 | | 425 | | See F.B. 1391-2 |
| 11 | 21865 | 7.288 | | 3326 ~~3227~~ | | 15203 | 5.068 | | 3252 | for description |
| | | | | | | | | | | Summation of Run B.M. Y 149 to B.M. 21-18 |
| | | | | | | | | | | Total Backsights = + 52.288 |
| | | | | | | | | | | Total Foresights = - 51.419 |
| | | | | | | | | | | diff. in Elev = + 0.869 |
| | | 52.288 | | | | | 51.419 | | | |

F.B. 1391 PG. 207

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. .....
From ..... To .....
Date .....
Indexed R. 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. 139 PG. 208 | | | | | | | | | | |
| | | | | | | | | | | |

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 3:10 to 3:40 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. Y-148 To B.M. 21-21
Date 1-15-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0791 | | 178 | | #5 | 4953 | | 191 | | B.M. Y-148 (L.A. Co. Rd. Dept.) |
| | 0613 | | 175 | | | 4762 | | 191 | | Copper dis. in W. end of S |
| | 0438 | | 353 | | | 4571 | | 382 | | about S.E. Cor. Rosecrans & [illegible] |
| 1 | 1842 | 0.614 | | 353 | 74° | 14286 | 4.762 | | 382 | |
| | 9671 | | 213 | | | 4813 | | 213 | | |
| | 9458 | | 211 | | | 4600 | | 211 | | |
| | 9247 | | 424 | | | 4389 | | 424 | | |
| 2 | 28376 | 9.459 | | 777 | | 13802 | 4.601 | | 806 | |
| | 6162 | | 212 | | | 4777 | | 218 | | |
| | 5950 | | 212 | | | 4559 | | 218 | | |
| | 5738 | | 424 | | | 4341 | | 436 | | |
| 3 | 17850 | 5.950 | | 1201 | | 13677 | 4.559 | | 1242 | |
| | 6220 | | 221 | | | 4689 | | 208 | | |
| | 5999 | | 218 | | | 4481 | | 209 | | |
| | 5781 | | 439 | | | 4272 | | 417 | | |
| 4 | 18000 | 6.000 | | 1640 | | 13442 | 4.481 | | 1659 | Stopped 3:40 p.m. 1-15-53 |
| | 5963 | | 212 | | | 3611 | | 216 | | |
| | 5751 | | 212 | | | 3395 | | 215 | | Started 9:10 a.m. 1-16-53 |
| | 5539 | | 424 | | | 3180 | | 431 | | |
| 5 | 17253 | 5.751 | | 2064 | 57° | 10186 | 3.395 | | 2090 | |
| | | 27.774 | | | | | 21.798 | | | |

F.B. 1391 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 F. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 9:10 to Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. Y-48 To B.M. 21-21
Date 1-16-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 8156 | 27.774 | 129 | 2064 | | 0620 | 21.798 | 131 | 2090 | |
| | 8027 | | 130 | | | 0489 | | 131 | | |
| | 7897 | | 259 | | | 0358 | | 262 | | |
| 6 | 24080 | 8.027 | | 2323 | | 1467 | 0.489 | | 2352 | |
| | 10483 | | 121 | | | 0781 | | 112 | | |
| | 10362 | | 121 | | | 0669 | | 112 | | |
| | 10241 | | 242 | | | 0557 | | 224 | | |
| 7 | 31086 | 10.362 | | 2565 | | 2007 | 0.669 | | 2576 | |
| | 9638 | | 108 | | | 3290 | | 108 | | |
| | 9530 | | 108 | | | 3182 | | 107 | | |
| | 9422 | | 216 | | | 3075 | | 215 | | |
| 8 | 28590 | 9.530 | | 2781 | | 9547 | 3.182 | | 2791 | |
| | | 55.693 | | | | | 76.138 | | | B.M. 21-20 (Inglwd. B-12) ROSECRANS AVE AT STANDARD OIL CO. GATE #43 SEE F.B. 1391-24 FOR DESCRIPTION |
| | 6732 | | 212 | | | 7416 | | 214 | | |
| | 6520 | | 209 | | | 7202 | | 212 | | |
| 9 | 6311 | | 421 | | | 6990 | | 426 | | |
| | 19563 | 6.521 | | 3202 | | 21608 | 7.203 | | 3217 | |
| | | 62.214 | | | | | 33.341 | | | |

F.B. 1391 PG. 210

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 9:10 to Rod No. 5616

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. Y-148 To B.M. [illegible]
Date 1-16-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 3830 | 62.214 | 218 | 3202 | | 6673 | 33.321 | 210 | 3217 | |
| | 3612 | | 215 | | | 6463 | | 210 | | |
| | 3397 | | 433 | | | 6253 | | 420 | | |
| 10 | 10839 | 3.613 | | 3635 | | 19389 | 6.463 | | 3637 | |
| | 6997 | | 215 | | | 11605 | | 212 | | |
| | 3882 | | 211 | | | 11393 | | 213 | | |
| | 3671 | | 426 | | | 11180 | | 425 | | |
| 11 | 11650 | 3.883 | | 4061 | | 34178 | 11.393 | | 4062 | |
| | 0539 | | 88 | | | 10392 | | 85 | | |
| | 0451 | | 88 | | | 10309 | | 87 | | |
| | 0363 | | 176 | | | 10222 | | 172 | | |
| 12 | 1353 | 0.451 | | 4237 | | 30925 | 10.308 | | 4234 | |
| | 0582 | | 79 | | | 9789 | | 80 | | |
| | 0453 | | 79 | | | 9649 | | 79 | | |
| | 0374 | | 158 | | | 9570 | | 159 | | |
| 13 | 1359 | 0.453 | | 4395 | | 28948 | 9.649 | | 4393 | |
| | 2385 | | 212 | | | 5370 | | 213 | | |
| | 2173 | | 211 | | | 5157 | | 214 | | |
| | 1962 | | 423 | | | 4943 | | 427 | | |
| 14 | 6520 | 2.173 | | 6818 | | 15470 | 5.157 | | 4820 | |
| | | 12.787 | | | | | 76.311 | | | |

F.B. 139 PG. 211

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 9:10 to 10:20 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. Y-148 To B.M. 21-21
Date 1-16-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 7227 | 72.787 | 215 | 3813 | | 0833 | 76.511 | 213 | 4820 | |
| | 7012 | | 211 | | | 0620 | | 212 | | |
| | 6801 | | 426 | | | 0408 | | 425 | | |
| 15 | 21040 | 7.013 | | 5244 | | 1861 | 0.620 | | 5245 | |
| | 9951 | | 213 | | | 0667 | | 215 | | |
| | 9738 | | 211 | | | 0452 | | 213 | | Summation of Run |
| | 9527 | | 424 | | | 0239 | | 428 | | B.M. Y-148 to B.M. 21-21 |
| 16 | 29216 | 9.739 | | 5668 | | 1358 | 0.453 | | 5673 | |
| | 10868 | | 210 | | | 1362 | | 214 | | Total Backsights = + 119.271 |
| | 10658 | | 208 | | | 1148 | | 213 | | Total Foresights = - 84.678 |
| | 10450 | | 418 | | | 0935 | | 427 | | diff. in Elev. = + 34.593 |
| 17 | 31976 | 10.659 | | 6086 | | 3445 | 1.148 | | 6100 | |
| | 8837 | | 109 | | | 1135 | | 105 | | |
| | 8728 | | 109 | | | 1030 | | 106 | | |
| | 8619 | | 218 | | | 0924 | | 211 | | |
| 18 | 26184 | 8.728 | | 6304 | | 3089 | 1.030 | | 6311 | |
| | 10477 | | 132 | | | 5250 | | 135 | | B.M. 21-21 (Inglwd. A12A) |
| | 10345 | | 132 | | | 5115 | | 133 | | Rosecrans & R.R. E. of Sepulveda |
| | 10213 | | 264 | | | 4982 | | 268 | | See F.B. 1391-25 |
| 19 | 31035 | 10.345 | | 6568 | 62° | 15347 | 5.11[illegible] | | 6579 | For Description |
| | | 119.271 | | | | | 84.678 | | | |

F.B. 1391 PG. 212

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 2:20 to 3:40 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-21 To B.M. Y-148
Date 1-16-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5193 | | 132 | | #6 | 10422 | | 132 | | B. M. 21-21 (INGLEWOOD 4-12A) |
| | 5061 | | 132 | | | 10290 | | 132 | | ROSECRANS AVE & R.R TRACKS E. OF |
| | 4929 | | 264 | | | 10158 | | 264 | | SEPULVEDA BLVD |
| 1 | 15183 | 5.061 | | 264 | 65° | 30870 | 10.290 | | 264 | SEE F.B. 1391-25 FOR DESCRIPTION |
| | 1046 | | 108 | | | 8742 | | 109 | | ↑ G. E. Dreier |
| | 0938 | | 108 | | | 8633 | | 105 | | |
| | 0830 | | 216 | | | 8528 | | 214 | | |
| 2 | 2814 | 0.938 | | 480 | | 25903 | 8.634 | | 478 | |
| | 1013 | | 213 | | | 10527 | | 214 | | |
| | 0800 | | 211 | | | 10313 | | 213 | | |
| | 0589 | | 424 | | | 10100 | | 427 | | |
| 3 | 2402 | 0.801 | | 904 | | 30940 | 10.313 | | 905 | |
| | 0691 | | 213 | | | 9974 | | 211 | | |
| | 0478 | | 214 | | | 9763 | | 210 | | |
| | 0264 | | 427 | | | 9553 | | 421 | | |
| 4 | 1433 | 0.478 | | 1331 | | 29290 | 9.763 | | 1326 | |
| | 0793 | | 214 | | | 7186 | | 213 | | |
| | 0579 | | 213 | | | 6973 | | 210 | | |
| | 0366 | | 427 | | | 6763 | | 423 | | |
| 5 | 1738 | 0.579 | | 1758 | | 20922 | 6.974 | | 1749 | |
| | | 7.857 | | | | | 45.974 | | | |

F.B. 1391 PG. 213

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather clear Inst. No. 50010
Notes by E. London Time 8:20 to 3:40 Rod No. 556

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-21 To B.M. Y-148
Date 1-16-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5031 | 7.857 | 216 | 1758 | | 2445 | 45.974 | 213 | 1749 | |
| | 5215 | | 213 | | | 2232 | | 211 | | |
| | 5002 | | 429 | | | 2021 | | 424 | | |
| 6 | 15648 | 5.216 | | 2187 | | 6698 | 2.233 | | 2173 | |
| | 9644 | | 79 | | | 0850 | | 80 | | |
| | 9565 | | 78 | | | 0370 | | 80 | | |
| | 9487 | | 157 | | | 0290 | | 160 | | |
| 7 | 28696 | 9.565 | | 2344 | | 1110 | 0.370 | | 2333 | |
| | 11109 | | 87 | | | 1259 | | 92 | | |
| | 11022 | | 84 | | | 1167 | | 93 | | |
| | 10938 | | 171 | | | 1074 | | 185 | | |
| 8 | 33069 | 11.023 | | 2515 | | 3500 | 1.167 | | 2518 | |
| | 11791 | | 212 | | | 4284 | | 213 | | |
| | 11579 | | 212 | | | 4071 | | 213 | | |
| | 11367 | | 424 | | | 3858 | | 426 | | |
| 9 | 34737 | 11.579 | | 2939 | | 12213 | 4.071 | | 2944 | |
| | 6282 | | 212 | | | 3431 | | 212 | | |
| | 6070 | | 212 | | | 3219 | | 212 | | |
| | 5858 | | 424 | | | 3007 | | 424 | | |
| 10 | 18210 | 6.070 | | 3363 | | 9657 | 3.219 | | 3368 | |
| | | 51.310 | | | | | 57.034 | | | |

F.B. 1391 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 F. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Landa Time 2:20 to 3:40 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-21 To B.M. Y-148
Date 1-16-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 7112 | 51.310 | 213 | 3363 | | 6030 | 57.034 | 211 | 3368 | |
| | 6899 | | 211 | | | 6219 | | 210 | | |
| | 6688 | | 424 | | | 6009 | | 421 | | |
| 11 | 20699 | 6.900 | | 3787 | | 18658 | 6.219 | | 3789 | |
| | | 58.210 | | | | | 63.253 | | | B.M. 21-20 INGLEWOOD 8-12 ROSECRANS AVE & STANDARD OIL CO. GATE #43 SEE F.B. 1391-24 FOR DESCRIPTION |
| | 3522 | | 109 | | | 9869 | | 107 | | |
| | 3413 | | 106 | | | 9762 | | 107 | | |
| | 3307 | | 215 | | | 9655 | | 214 | | |
| 12 | 10242 | 3.414 | | 4002 | | 29286 | 9.762 | | 4003 | |
| | 0503 | | 116 | | | 10199 | | 117 | | |
| | 0387 | | 117 | | | 10082 | | 115 | | |
| | 0270 | | 233 | | | 9967 | | 232 | | |
| 13 | 1160 | 0.387 | | 4235 | | 30248 | 10.083 | | 4235 | |
| | 0611 | | 132 | | | 8151 | | 132 | | |
| | 0479 | | 131 | | | 8019 | | 131 | | |
| | 0348 | | 263 | | | 7888 | | 263 | | |
| 14 | 1438 | 0.479 | | 4498 | | 24058 | 8.019 | | 4498 | |
| | | 62.490 | | | | | 91.117 | | | |

F.B. 1391 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. Drexler  Weather: Clear  Inst. No.: 50010
Notes by: E. Lunda  Time: 2:20 to 3:20  Rod No.: 5 & 6

Name: **L. A. CO. PRECISE LEVEL NET**
Job No.: 4923
From: B.M. 21-21  To: B.M. Y-148
Date: 1-16-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 3923 | 6.290 | 215 | 4498 | | 6279 | 9.177 | 212 | 4498 | |
| | 3708 | | 215 | | | 6065 | | 213 | | |
| | 3493 | | 430 | | | 3852 | | 427 | | |
| 15 | 11124 | 3.708 | | 4928 | | 18196 | 6.065 | | 4925 | |
| | 4622 | | 215 | | | 6140 | | 212 | | |
| | 4407 | | 214 | | | 5928 | | 213 | | Summation of Run |
| | 4193 | | 429 | | | 5715 | | 425 | | B.M. 21-21 to B.M. Y-148 |
| 16 | 13222 | 4.407 | | 5357 | | 17783 | 5.928 | | 5350 | |
| | 4880 | | 218 | | | 6268 | | 215 | | Total Backsights = + 84.751 |
| | 4662 | | 216 | | | 6053 | | 212 | | Total Foresights = − 119.360 |
| | 4446 | | 434 | | | 5841 | | 227 | | Diff. in Elev. = − 34.609 |
| 17 | 13988 | 4.663 | | 5791 | | 18160 | 6.053 | | 5777 | |
| | 4818 | | 209 | | | 9656 | | 217 | | |
| | 4609 | | 209 | | | 9467 | | 216 | | |
| | 4400 | | 418 | | | 9251 | | 433 | | |
| F.B. 139 PG. 216 18 | 13827 | 4.609 | | 6209 | | 28402 | 9.467 | | 6210 | |
| | 5061 | | 188 | | | 0912 | | 185 | | B.M. 148 (L.A. Co. Dept.) |
| | 4873 | | 184 | | | 0728 | | 181 | | Copper Disc in W. end of S. abut. |
| | 4689 | | 372 | | | 0547 | | 366 | | S.E. Cor. of Rosecrans Ave & |
| 19 | 14623 | 4.874 | 2 | 6582 | 65° | 2187 | 0.729 | 5 | 6575 | Aviation Blvd. |
| | | 84.751 | | | | | 119.360 | | | |

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH 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 3:00 to 3:30 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. Y-148 To B.M. 21-20
Date 2-2-53
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1005 | | 173 | | #5 | 5182 | | 203 | | B.M. Y-148 (L.A.Co. Rd Dept.) |
| | 0832 | | 173 | | | 4979 | | 202 | | copper dis. in W end of S |
| | 0659 | | 346 | | | 4777 | | 405 | | abt. S.E. Cor. Rosecrans & Aviation |
| 1 | 2496 | 0.832 | | 346 | 67' | 14938 | 4.979 | | 405 | |
| | 9873 | | 222 | | | 4994 | | 204 | | |
| | 9651 | | 222 | | | 4790 | | 202 | | ⊼ G.E. Dreier |
| | 9429 | | 444 | | | 4588 | | 406 | | |
| 2 | 28953 | 9.651 | | 790 | | 14372 | 4.791 | | 811 | |
| | 6173 | | 213 | | | 4790 | | 219 | | |
| | 5960 | | 213 | | | 4571 | | 219 | | |
| | 5747 | | 426 | | | 4352 | | 438 | | |
| 3 | 17880 | 5.960 | | 1216 | | 13713 | 4.571 | | 1249 | |
| | 6225 | | 213 | | | 4707 | | 215 | | |
| | 6012 | | 211 | | | 4492 | | 213 | | |
| | 5801 | | 424 | | | 4279 | | 428 | | |
| 4 | 18038 | 6.013 | | 1640 | | 13478 | 4.493 | | 1677 | |
| | 6061 | | 220 | | | 3690 | | 208 | | |
| | 5841 | | 220 | | | 3482 | | 206 | | |
| | 5621 | | 440 | | | 3276 | | 414 | | |
| 5 | 17523 | 5.841 | | 2080 | | 10448 | 3.483 | | 2091 | |
| | | 28.297 | | | | | 22.317 | | | |

F.B. 139 PG. 217

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Lanza Time 3:00 to 3:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. Y-148 To B.M. 21-20
Date 2-2-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 8169 | 28.297 | 135 | 2080 | | 0626 | 22.317 | 130 | 2091 | |
| | 8034 | | 134 | | | 0496 | | 130 | | |
| | 7900 | | 269 | | | 0366 | | 260 | | |
| 6 | 24103 | 8.034 | | 2349 | | 1488 | 0.496 | | 2351 | |
| | 10309 | | 118 | | | 0612 | | 115 | | |
| | 10191 | | 116 | | | 0497 | | 118 | | |
| | 10075 | | 234 | | | 0379 | | 233 | | |
| 7 | 30575 | 10.192 | | 2583 | | 1488 | 0.496 | | 2584 | |
| | 9861 | | 108 | | | 3514 | | 109 | | B.M. 21-20 (Inglwd. B-12) |
| | 9753 | | 106 | | | 3405 | | 107 | | Rosecrans Ave at Standard Oil |
| | 9647 | | 214 | | | 3298 | | 216 | | Co. Gate #43 |
| 8 | 29261 | 9.754 | | 2797 | 62° | 10217 | 3.406 | | 2800 | See S.B. 1391-24 for description |
| | | | | | | | | | | Summation of Run B.M. Y-148 to B.M. 21-20 |
| | | | | | | | | | | Total Backsights = + 56.277 |
| | | | | | | | | | | Total Foresights = − 26.715 |
| | | | | | | | | | | Diff. in Elev. = + 29.562 |
| | | 56.277 | | | | | 26.715 | | | |

F.B. 1391 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 10:25 TO 12:00 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-21 To B.M. 21-23
Date 1-16-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 8.648 | | 187 | | | 0.820 | | 182 | | B.M. 21-21 (INGLEWOOD A-12A) |
| | 8.461 | | 186 | | | 0.638 | | 181 | | ROSECRANS AVE. NEAR R.R. TRACKS |
| | 8.275 | | 373 | | | 0.457 | | 363 | | E. OF SEPULVEDA BLVD. |
| 1 | 25.384 | 8.461 | | .373 | 62° | 1.915 | 0.638 | | .363 | SEE F.B. 1391-25 FOR DESCRIPTION |
| | 9.853 | | 110 | | | 0.824 | | 109 | | |
| | 9.743 | | 111 | | | 0.715 | | 107 | | T. E. LANDA |
| | 9.632 | | 221 | | | 0.608 | | 216 | | |
| 2 | 29.228 | 9.743 | | .594 | | 2.147 | 0.716 | | .579 | |
| | 10.234 | | 115 | | | 0.538 | | 117 | | |
| | 10.119 | | 118 | | | 0.421 | | 114 | | |
| | 10.001 | | 233 | | | 0.307 | | 231 | | |
| 3 | 30.354 | 10.118 | | .827 | | 1.266 | 0.423 | | .810 | |
| | 10.510 | | 117 | | | 0.558 | | 118 | | |
| | 10.393 | | 116 | | | 0.440 | | 116 | | |
| | 10.277 | | 233 | | | 0.324 | | 234 | | |
| 4 | 31.180 | 10.395 | | 1.060 | | 1.322 | 0.441 | | 1.044 | |
| | 9.544 | | 146 | | | 2.961 | | 147 | | |
| | 9.398 | | 146 | | | 2.814 | | 145 | | |
| | 9.252 | | 292 | | | 2.669 | | 292 | | |
| 5 | 28.194 | 9.398 | | 1.352 | | 8.444 | 2.815 | | 1.336 | |
| | | 48.113 | | | | | 5.032 | | | |

F.B. 1391 PG. 219

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:25 TO 12:00 Rod No. 5 #6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-21 To B.M. 21-23
Date 1-16-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 11.253 | 48.113 | 191 | 1.352 | | 1.673 | 5.032 | 189 | 1.336 | |
| | 11.062 | | 190 | | | 1.504 | | 185 | | |
| | 10.872 | | 381 | | | 1.319 | | 374 | | |
| 6 | 33.187 | 11.062 | | 1.733 | | 4.516 | 1.505 | | 1.710 | |
| | | 59.175 | | | | | 6.537 | | | B.M. 21-22 (INGLEWOOD A-12B) ROSECRANS AVE. & OAK AVE. SEE F.B. 1391-26 FOR DESCRIPTION |
| | 4.910 | | 212 | | | 10.737 | | 217 | | |
| | 4.698 | | 210 | | | 10.520 | | 213 | | |
| | 4.488 | | 422 | | | 10.307 | | 430 | | |
| 7 | 14.096 | 4.699 | | 2.155 | | 31.564 | 10.521 | | 2.140 | |
| | 0.730 | | 139 | | | 11.338 | | 157 | | |
| | 0.591 | | 138 | | | 11.181 | | 155 | | |
| | 0.453 | | 277 | | | 11.026 | | 312 | | |
| 8 | 1.774 | 0.591 | | 2.432 | | 33.545 | 11.182 | | 2.452 | |
| | 0.542 | | 152 | | | 10.952 | | 143 | | |
| | 0.390 | | 151 | | | 10.809 | | 144 | | |
| | 0.239 | | 303 | | | 10.665 | | 287 | | |
| 9 | 1.171 | 0.390 | | 2.735 | | 32.426 | 10.809 | | 2.739 | |
| | | 64.855 | | | | | 39.049 | | | |

F.B. 1391 PG. 220

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 10:25 TO 12:00 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-21 To B.M. 21-23
Date 1-16-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0.536 | 0.855 | 137 | 2.745 | | 11.827 | 39.049 | 147 | 2.739 | |
| | 0.399 | | 135 | | | 11.680 | | 145 | | |
| | 0.264 | | 272 | | | 11.535 | | 292 | | |
| 10 | 1.199 | 0.400 | | 3.017 | | 35.042 | 11.681 | | 3.031 | |
| | 0.788 | | 118 | | | 10.441 | | 103 | | |
| | 0.670 | | 116 | | | 10.338 | | 103 | | |
| | 0.554 | | 234 | | | 10.235 | | 206 | | |
| 11 | 2.012 | 0.671 | | 3.251 | | 31.014 | 10.338 | | 3.237 | |
| | 0.500 | | 112 | | | 10.379 | | 123 | | |
| | 0.388 | | 115 | | | 10.256 | | 120 | | |
| | 0.273 | | 227 | | | 10.136 | | 243 | | |
| 12 | 1.161 | 0.387 | | 3.478 | | 30.771 | 10.257 | | 3.480 | |
| | 0.642 | | 172 | | | 9.591 | | 193 | | |
| | 0.470 | | 173 | | | 9.398 | | 197 | | |
| | 0.297 | | 345 | | | 9.201 | | 390 | | |
| 13 | 1.409 | 0.470 | | 3.823 | | 28.190 | 9.397 | | 3.870 | |
| | 4.593 | | 190 | | | 0.968 | | 180 | | |
| | 4.403 | | 187 | | | 0.788 | | 179 | | |
| | 4.216 | | 377 | | | 0.609 | | 359 | | |
| 14 | 13.212 | 4.404 | | 4.200 | | 2.365 | 0.788 | | 4.229 | |
| | | 7.187 | | | | | 81.510 | | | |

F.B. 1301 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 10:25 TO 12:00 Rod No. 5 #6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-21 To B.M. 21-23
Date 1-16-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 10.848 | 71.187 | 220 | 4.200 190 | | 5.302 | 5.510 | 208 | 4.229 | |
| | 10628 | | 219 | | | 5.094 | | 206 | | |
| | 10.409 | | 439 | | | 4.888 | | 414 | | |
| 15 | 31.885 | 10.628 | | 4.639 2 | | 15.284 | 5.095 | | 4.643 | |
| | 2.873 | | 213 | | | 10.978 | | 216 | | |
| | 2.660 | | 210 | | | 10.762 | | 213 | | |
| | 2450 | | 423 | | | 10.549 | | 429 | | |
| 16 | 7.983 | 2.661 | | 5.062 5 | | 32.289 | 10.763 | | 5.072 | |
| | 3.572 | | 213 | | | 1.212 | | 212 | | |
| | 3.259 | | 214 | | | 1.000 | | 209 | | |
| | 3.145 | | 427 | | | 0791 | | 421 | | |
| 17 | 10.076 | 3.359 | | 5.489 7 | | 3.003 | 1.001 | | 5.493 | SUMMATION OF RUN B.M. 21-21 TO B.M. 21-23 |
| | 11.057 | | 196 | | | 0.684 | | 197 | | TOTAL BACKSIGHTS + 105.148 |
| | 10.861 | | 192 | | | 0.487 | | 198 | | TOTAL FORESIGHTS - 105.802 |
| | 10.669 | | 388 | | | 0289 | | 395 | | DIFF. IN ELEVATION - 0.654 |
| 18 | 32.587 | 10.862 | | 5.877 6 | | 1.460 | 0.487 | | 5.888 | |
| | 6.598 | | 147 | | | 7.092 | | 146 | | B.M. 21-23 |
| | 6.451 | | 146 | | | 6.946 | | 147 | | ROSECRANS AVE & FLOURNEY AVE |
| | 6.305 | | 293 | | | 6.799 | | 293 | | SEE F.B. 1391-27 |
| 19 | 19.354 | 6.451 | | 6.170 6 | | 20.837 | 6.946 | | 6.181 | FOR DESCRIPTION |
| | | 105.148 | | | | | 105.802 | | | |

F.B. 1391 PG. 222

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO Rod No. 596

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-23 To B.M. 21-21
Date 1-16-53
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 7.091 | | 147 | | F5 | 6.597 | | 147 | | B.M. 21-23 |
| | 6.944 | | 145 | | | 6.450 | | 146 | | ROSECRANS AVE & ROWLEY AVE |
| | 6.799 | | 292 | | | 6.304 | | 293 | | SEE F.B. 1591-27 |
| 1 | 20.834 | 6.945 | | 292 | 64° | 19.351 | 6.450 | | 293 | FOR DESCRIPTION |
| | 0.686 | | 198 | | | 11.057 | | 195 | | |
| | 0.488 | | 199 | | | 10.862 | | 193 | | π FLANGE |
| | 0.289 | | 397 | | | 10.669 | | 388 | | |
| 2 | 1.463 | 0.488 | | .689 | | 32.588 | 10.863 | | .681 | |
| | 1.161 | | 213 | | | 3.519 | | 214 | | |
| | 0.948 | | 214 | | | 3.305 | | 213 | | |
| | 0.734 | | 427 | | | 3.092 | | 427 | | |
| 3. | 2.843 | 0.948 | | 1.116 | | 9.916 | 3.305 | | 1.108 | |
| | 10.958 | | 215 | | | 2.855 | | 214 | | |
| | 10.743 | | 212 | | | 2.641 | | 211 | | |
| | 10.531 | | 427 | | | 2.430 | | 425 | | |
| 4 | 32.232 | 10.744 | | 1.543 | | 7.926 | 2.642 | | 1.533 | |
| | 5.384 | | 214 | | | 10.917 | | 215 | | |
| | 5.170 | | 214 | | | 10.702 | | 211 | | |
| | 4.956 | | 428 | | | 10.491 | | 426 | | |
| 5. | 15.510 | 5.170 | | 1.971 | | 32.110 | 10.703 | | 1.959 | |
| | | 24.295 | | | | | 33.963 | | | |

F.B. 1591 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 1:00 TO Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-23 To B.M. 21-21
Date 1-16-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0.994 | 24.295 | 185 | 1.971 | | 4.611 | 23.963 | 185 | 1.959 | 6058 |
| | 0.809 | | 184 | | | 4.426 | | 186 | | 33962 |
| | 0.625 | | 369 | | | 4.240 | | 371 | | 40.022 |
| 6 | 2.428 | 0.809 | | 2.340 | | 13.277 | 4.426 | | 2.330 | |
| | 9.526 | | 189 | | | 0.588 | | 178 | | |
| | 9.337 | | 190 | | | 0.410 | | 178 | | |
| | 9.147 | | 379 | | | 0.232 | | 356 | | |
| 7 | 28.010 | 9.337 | | 2.719 | | 1.230 | 0.410 | | 2.686 | |
| | 10.401 | | 122 | | | 0.522 | | 112 | | |
| | 10.279 | | 121 | | | 0.410 | | 112 | | |
| | 10.158 | | 243 | | | 0.298 | | 224 | | |
| 8 | 30.838 | 10.279 | | 2.962 | | 1.230 | 0.410 | | 2.910 | |
| | 10.258 | | 108 | | | 0.591 | | 110 | | |
| | 10.150 | | 112 | | | 0.481 | | 110 | | |
| | 10.042 | | 220 | | | 0.371 | | 220 | | |
| 9 | 30.450 | 10.150 | 16 | 3.182 | | 1.443 | 0.481 | | 3.130 | |
| | 11.760 | | 148 | | | 0.467 | | 136 | | |
| | 11.612 | | 147 | | | 0.331 | | 132 | | |
| | 11.465 | | 295 | | | 0.199 | | 268 | | |
| 10 | 34.837 | 11.612 | | 3.472 | | 0.997 | 0.332 | | 3.398 | |
| | | 66.482 | | | | | 40.022 | | | |

F.B. 1391 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. 50510
Notes by G. E. DREIER Time 1:00 PM Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-23 To E.M. 21-21
Date 1-16-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 10.887 | 66.482 | 154 | 3.477 | | 0.458 | 40.022 | 141 | 3.398 | |
| | 10.733 | | 152 | 3 | | 0.317 | | 143 | | |
| | 10.581 | | 306 | | | 0.174 | | 284 | | |
| 11 | 32.201 | 10.734 | | 3.783 | | 0.949 | 0.316 | | 3.682 | |
| | 11.320 | | 157 | 79 | | 0.712 | | 139 | | |
| | 11.163 | | 153 | | | 0.573 | | 136 | | |
| | 11.010 | | 310 | | | 0.437 | | 275 | | |
| 12 | 33.493 | 11.164 | | 4.093 | | 1.722 | 0.574 | | 3.957 | |
| | 10.043 | | 182 | 89 | | 4.282 | | 244 | | |
| | 9.861 | | 180 | | | 4.038 | | 243 | | |
| | 9.681 | | 362 | | | 3.795 | | 487 | | |
| 13 | 29.585 | 9.862 | | 4.456 | | 12.115 | 4.038 | | 4.444 | |
| | | 98.242 | | 1 | | | 44.952 | | | B.M. 21-22 (INGLEWOOD ROSECRANS AVE & OAK AVE SEE F.B. 1391-26 FOR DESCRIPTION |
| | 1.725 | | 186 | | | 11.290 | | 192 | | |
| | 1.539 | | 186 | | | 11.098 | | 195 | | |
| | 1.353 | | 372 | 3 | | 10.903 | | 387 | | |
| 14 | 4.617 | 1.539 | | 4.823 | | 33.291 | 11.097 | | 4.831 | |
| | | 99.781 | | | | | 56.047 | | | |

F.B. 153 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 G. E. DREIER  Weather CLEAR  Inst. No. 50010
Notes by G. E. DREIER  Time 1:00 TO  Rod No. 5 #6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-23 To B.M. 21-21
Date 1-16-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2989 | 99781 | 149 | 4827 3 | | 9572 | 56047 | 147 | 4831 | |
| | 2840 | | 147 | | | 9425 | | 145 | | |
| | 2693 | | 296 | 19 | | 9280 | | 292 | | |
| 15 | 8522 | 2841 | | 5123 | | 28277 | 9426 | | 5123 | |
| | 0579 | | 118 | | | 10531 | | 117 | | |
| | 0461 | | 115 | | | 10414 | | 115 | | |
| | 0346 | | 233 | 2 | | 10299 | | 232 | | |
| 16 | 1386 | 0462 | | 5356 | | 31244 | 10415 | | 5355 | |
| | 0636 | | 116 | | | 10334 | | 116 | | |
| | 0520 | | 113 | | | 10218 | | 118 | | |
| | 0407 | | 229 | 1 | | 10100 | | 234 | | SUMMATION OF RUN |
| 17 | 1563 | 0521 | | 5585 | | 30652 | 10217 | | 5589 | B.M. 21-23 TO B.M. 21-21 |
| | 1113 | | 109 | | | 10141 | | 110 | | TOTAL FORESIGHTS + 105.263 |
| | 1004 | | 107 | | | 10031 | | 110 | | TOTAL BACKSIGHTS − 104.612 |
| | 0897 | | 216 | 797 | | 9921 | | 220 | | DIFF IN ELEVATION + 0.651 |
| 18 | 3014 | 1005 | | 5804 | | 30093 | 10031 | | 5809 | |
| | 0835 | | 183 | | | 8661 | | 184 | | B.M. 21-21 (INGLEWOOD A-12 |
| | 0652 | | 181 | | | 8477 | | 187 | | ROSECRANS AVE & R.R.E. OF SEPULVEDA |
| | 0471 | | 364 | 1 | | 8290 | | 371 | | SEE F.B. 1391-25 |
| 19 | 1958 | 0653 | | 6165 | | 25428 | 8476 | | 6180 | FOR DESCRIPTION |
| | | 105.263 | | | | | 104.612 | | | |

F.B. 1391 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 OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 11:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-23 To B.M. 21-24
Date 1-19-53
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 3.427 | | 212 | | 45 | 6.317 | | 216 | | B.M. 21-23 |
| | 3.211 | | 212 | | | 6.101 | | 212 | | ROSECRANS AVE & FLOURNEY AVE |
| | 2.999 | | 424 | | | 5.889 | | 428 | | SEE F.B. 21-27 |
| 1 | 9.633 | 3.211 | | .424 | 56° | 18.307 | 6.102 | | .428 | FOR DESCRIPTION |
| | 4.495 | | 214 | | | 6.677 | | 215 | | |
| | 4.281 | | 211 | | | 6.463 | | 211 | | ⊼ E. LANDA |
| | 4.070 | | 425 | | | 6.251 | | 426 | | |
| 2 | 12.846 | 4.282 | | .849 | | 19.390 | 6.463 | | .854 | |
| | 4.238 | | 218 | | | 2.421 | | 223 | | |
| | 4.020 | | 216 | | | 2.198 | | 224 | | |
| | 3.804 | | 434 | | | 1.974 | | 447 | | |
| 3 | 12.062 | 4.021 | | 1.283 | | 6.593 | 2.198 | | 1.301 | |
| | 8.492 | | 215 | | | 7.332 | | 212 | | |
| | 8.277 | | 218 | | | 7.120 | | 209 | | |
| | 8.059 | | 433 | | | 6.911 | | 421 | | |
| 4 | 24.828 | 8.276 | | 1.716 | | 21.363 | 7.121 | | 1.722 | |
| | 2.441 | | 214 | | | 11.474 | | 214 | | |
| | 2.227 | | 215 | | | 11.260 | | 212 | | |
| | 2.012 | | 429 | | | 11.048 | | 426 | | |
| 5 | 6.680 | 2.227 | | 2.145 | | 33.782 | 11.261 | | 2.148 | |
| | | 22.017 | | | | | 33.145 | | | |

F.B. 1391 PG. 227

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER  Weather FOGGY  Inst. No. 50010
Notes by G. E. DREIER  Time 9:00 AM 1:30  Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-3 To B.M. 21-1
Date 1-19-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 3.155 | 22.017 | 202 | 2.145 | | 0.791 | 10.145 | 163 | 2.148 | |
| | 2.953 | | 199 | | | 0.618 | | 163 | | |
| | 2.754 | | 40 | | | 0.455 | | 326 | | |
| 6 | 8.862 | 2.954 | | 2.546 | | 1.854 | .618 | | 2.474 | |
| | 10.752 | | 105 | | | 0.475 | | 097 | | |
| | 10.647 | | 108 | | | 0.381 | | 094 | | |
| | 10.539 | | 213 | | | 0.287 | | 191 | | |
| 7 | 31.938 | 10.646 | | 2.759 | | 1.146 | .382 | | 2.665 | |
| | 11.723 | | 93 | | | 1.239 | | 117 | | |
| | 11.630 | | 93 | | | 1.122 | | 113 | | |
| | 11.537 | | 186 | | | 1.009 | | 230 | | |
| 8 | 34.890 | 11.630 | | 2.945 | | 3.370 | 1.123 | | 2.595 | |
| | 10.861 | | 108 | | | 0.503 | | 95 | | |
| | 10.753 | | 106 | | | 0.408 | | 97 | | |
| | 10.647 | | 214 | | | 0.311 | | 192 | | |
| 9 | 32.261 | 10.754 | | 3.159 | | 1.222 | 0.407 | | 3.087 | |
| | 11.641 | | 090 | | | 1.630 | | 119 | | |
| | 11.551 | | 090 | | | 1.511 | | 118 | | |
| | 11.461 | | 180 | | | 1.393 | | 237 | | |
| 10 | 34.653 | 11.551 | | 3.339 | | 4.534 | 1.511 | | 3.324 | |
| | | 69.552 | | | | | 37.186 | | | |

F.B. 139 PG. 228

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier  Weather Foggy  Inst. No. 50010
Notes by G. E. Dreier  Time 9:00 to 11:30  Rod No. 586

Name L. A. CO. [illegible]
Job No. 4923
From B.M. 21-23 To B.M. 21-24
Date 1-19-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 11.499 | 69.552 | 209 | 3.339 | | 6.869 | 37.186 | 216 | 3.324 | |
| | 11.290 | | 210 | | | 6.653 | | 216 | | |
| | 11.080 | | 419 | | | 6.437 | | 432 | | |
| 11 | 33.869 | 11.290 | | 3.758 | | 19.959 | 6.653 | | 3.756 | |
| | 10.079 | | 146 | | | 10.030 | | 151 | | |
| | 0.933 | | 144 | | | 9.879 | | 148 | | |
| | 0.789 | | 290 | | | 9.73[illegible] | | 299 | | |
| 12 | 2.801 | 0.934 | | 4.048 | | 29.640 | 9.880 | | 4.055 | |
| | 0.891 | | 148 | | | 11.479 | | 147 | | |
| | 0.743 | | 144 | | | 11.332 | | 144 | | |
| | 0.599 | | 292 | | | 11.188 | | 291 | | |
| 13 | 2.233 | 0.74[illegible] | | 4.340 | | 33.999 | 11.333 | | 4.346 | |
| | 0.706 | | 147 | | | 11.878 | | 135 | | |
| | 0.559 | | 145 | | | 11.743 | | 131 | | |
| | 0.414 | | 292 | | | 11.612 | | 266 | | |
| 14 | 1.679 | 0.560 | | 4.632 | | 35.233 | 11.744 | | 4.612 | |
| | 0.508 | | 086 | | | 10.554 | | 101 | | |
| | 0.422 | | 084 | | | 10.453 | | 100 | | |
| | 0.338 | | 170 | | | 10.353 | | 201 | | |
| 15 | 1.268 | 0.423 | | 4.802 | | 31.360 | 10.453 | | 4.813 | |
| | | 83.503 | | | | | 87.249 | | | |

F.B. 1391 PG. 229

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather FOGGY Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO [illegible] Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-23 To B.M. 21-24
Date 1-19-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0825 | 83.503 | .062 | 4.802 | | 9.876 | 87.549 2 | .053 | 4.813 | |
| | 0762 | | .063 | | | 9.823 | | .052 | | |
| | 0.699 | | 126 | | | [illegible] | | 105 | | |
| 16 | 2.286 | 0.762 | | 4.928 | | 29.470 | [illegible] | | 4.918 | |
| | 0.345 | | 057 | | | 10.084 | | .056 | | |
| | 0288 | | 058 | | | 10.028 | | .058 | | |
| | 0.230 | | 115 | | | 9.970 | | 114 | | |
| 17. | 0.863 | 0.288 | | 5.043 | | 30.082 | [illegible].027 | | 5.032 | |
| | 0.472 | | 054 | | | 10.530 | | .059 | | |
| | 0.418 | | 055 | | | 10.471 | | .060 | | |
| | 0.363 | | 104 | | | 10.411 | | 119 | | |
| 18 | 1.253 | 0.418 | | 5152 | | 31.412 | [illegible].471 | | 5.151 | |
| | 0482 | | 053 | | | 10.072 | | 052 | | |
| | 0.429 | | 056 | | | 10.020 | | 050 | | |
| | 0.373 | [illegible] | 109 | | | 9.970 | [illegible] | 102 | | |
| 19 | 1.284 | 0.428 | | 5.263 | | 30.062 | [illegible].021 | | 5.253 | |
| | 0512 | | 070 | | | 9.962 | | 052 | | |
| | 0.442 | | 069 | | | 9.911 | | 053 | | |
| | 0373 | | 134 | | | 9.858 | | 105 | | |
| 20 | 1.327 | 0.442 | | 5.402 | | 29.732 | [illegible].11 | | 5.358 | |
| | | 85.841 | | | | | 137.802 5 | | | |

F.B. 1391 PG. 230

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 Fair Inst. No. C 0010
Notes by C. E. DREIER Time 9:00 to 11:30 Rod No. 55

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4-23
From B.M. 21-23 To B.M. 21-24
Date 1-10-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1.963 8.5 VIII | | 033 | 5.403 | | 10.531 17.7 X 12 | | 052 | 5.558 | |
| | 1.930 | | 034 | | | 10.479 | | 056 | | |
| | 1.896 | | 067 | | | 10.423 | | 102 | | |
| 21 | 5.789 | 1.930 | | 5.469 | | 31.439 | 10.480 | | 5.460 | |
| | 1.115 | | 073 | | 7 | 10.962 | | 071 | | |
| | 1.042 | | 07[illegible] | | | 10.891 | | 071 | | |
| | 0.971 | | 140 | | | 10.820 | | 142 | | |
| 22 | 3.128 | 1.043 | | 5.613 | | 32.673 | 10.8[illegible] | | 5.602 | |
| | 1.613 | | 057 | | 1 | 11.740 | | 043 | | |
| | 1.556 | | 057 | | | 11.695 | | 043 | | |
| | 1.499 | | 114 | | | 11.655 | | 085 | | |
| 23 | 4.668 | 1.556 | | 5.723 | | 35.093 | 11.698 | | 5.687 | |
| | 2.325 | | 017 | | | 10.371 | | 022 | | B.M. 21-24 (U.S. 3662 Y 614) |
| | 2.308 | | 016 | | | 10.349 | | 022 | | DESCRIBED IN THE STRAND |
| | 2.292 | | 033 | | | 10.327 | | 044 | | SEE F.B. 1341-38 |
| 24 | 6.925 | 2.308 | | 5.769 | 5.70 | 31.047 | 10.349 | | 5.731 | FOR DESCRIPTION |
| | | | | 58 | | | | | | SUMMARY OF RUN B.M. 21-23 TO B.M. 21-24 |
| | | | | | | | | | | TOTAL BACKSIGHTS = 92.678 |
| | | | | | | | | | | TOTAL FORESIGHTS = 180.920 |
| | | | | | | | | | | DIFF IN ELEVATION = 88.242 |
| | 92.678 | | | | | 180.920 | | | | |

F.B. 1397 PG. 231

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

| Number of Station | BACKSIGHT | | | | B. S. Rod and Temp. | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | Thread Readings | Mean | Thread Intervals | Sum of Intervals | | Thread Readings | Mean | Thread Intervals | Sum of Intervals | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| F.B. 1391 PG. 232 | | | | | | | | | | |
| | | | | | | | | | | |

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 Foggy Inst. No. 50010
Notes by C. E. DREIER Time 11:30 to 12:00 Rod No. 5-46

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-24 To B.M. 21-23
Date 1-19-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 10.348 | | .121 | | #5 | 2.322 | | .115 | | B.M. 21-24 U.S. 3546 Y-614 |
| | 10.227 | | .119 | | | 2.286 | | .116 | | Intersection Ave & Tr. Station |
| | 10.108 | | .040 | | | 2.270 | | .032 | | See F.B. 1391-25 |
| 1 | 30.983 | 10.327 | | .040 | 57° | 6.858 | 2.286 | | .032 | For Description |
| | 11.748 | | .047 | | | 1.558 | | .058 | | |
| | 11.702 | | .093 | | | 1.500 | | .058 | | T. E. Lance |
| | 11.660 | | .086 | | | 1.500 | | .116 | | |
| 2 | 35.108 | 11.703 | | [illegible] | | 4.680 | 1.560 | | .148 | |
| | 10.858 | | .072 | | | 1.006 | | .071 | | |
| | 10.781 | | .071 | | | 0.932 | | .072 | | |
| | 10.710 | | .143 | | | 0.862 | | .138 | | |
| 3 | 32.349 | 10.781 | | .269 | | 2.795 | 0.932 | | .294 | |
| | 9.581 | | .041 | | | 1.032 | | .043 | | |
| | 9.540 | | .040 | | | 0.990 | | .044 | | |
| | 9.500 | | .081 | | | 0.946 | | .087 | | |
| 4 | 28.621 | 9.540 | | [illegible] | | 2.970 | 0.990 | | .381 | |
| | 10.572 | | .057 | | | 1.661 | | .057 | | |
| | 10.515 | | .056 | | | 1.604 | | .055 | | |
| | 10.459 | | .113 | | | 1.549 | | .112 | | |
| 5 | 31.546 | 10.515 | | .463 | | 4.814 | 1.605 | | .493 | |
| | 52.866 | | | | | 7.374 | | | | |

F.B. 1391 PG. 22

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather FOGGY Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO Rod No. 5.86

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-24 To B.M. 21-23
Date 1-19-53
Indexed 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 10.925 | 52.866 | 064 | 463 | | 0.762 | [illegible] | 051 | 493 | |
| | 10.861 | | 062 | | | 0.711 | | 051 | | |
| | 10.799 | | 126 | | | 0.660 | | 102 | | |
| 6 | 32585 | 10.862 | | .589 | | 2.133 | 0.711 | | .595 | |
| | 10.864 | | 063 | | | 0.802 | | 051 | | |
| | 10.801 | | 062 | | | 0.749 | | 051 | | |
| | 10.739 | | 125 | | | 0.698 | | 102 | | |
| 7 | 32404 | 10.801 | | .714 | | 2.247 | 0.749 | | .697 | |
| | 10.529 | | 065 | | | 0.779 | | 054 | | |
| | 10.464 | | 063 | | | 0.725 | | 053 | | |
| | 10.401 | | 128 | | | 0.672 | | 107 | | |
| 8 | 31394 | 10.465 | | .542 | | 2.176 | 0.725 | | .804 | |
| | 9.728 | | 050 | | | 0.681 | | 066 | | |
| | 9.678 | | 050 | | | 0.615 | | 064 | | |
| | 9.628 | | 100 | | | 0.551 | | 130 | | |
| 9 | 29034 | 9.678 | | .942 | | 1.847 | 0.616 | | .934 | |
| | 10.524 | | 102 | | | 0.476 | | 086 | | |
| | 10.422 | | 99 | | | 0.390 | | 084 | | |
| | 10.323 | | 201 | | | 0.306 | | 170 | | |
| 10 | 31269 | 10.423 | | .1143 | | 1.172 | 0.391 | | 1.104 | |
| | | 105.095 | | | | | 10.562 | | | |

F.B. 1391 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 FOGGY Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO 2:40 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-24 To B.M. 21-23
Date 1-19-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 11.821 | 105.095✓ | 130 | 1.143✓ | | 0.654 | 10.566✓ | 148 | 1.104✓ | |
| | 11.691 | | 131 | | | 0.506 | | 147 | | |
| | 11.560 | | 261✓ | | | 0.359 | | 295✓ | | |
| 11 | 33.072 | 11.691✓ | | 1.404✓ | | 1.519 | 3.506✓ | | 1.599✓ | |
| | 11.424 | | 145 | | | 0.840 | | 150 | | |
| | 11.279 | | 143 | | | 0.690 | | 148 | | |
| | 11.136 | | 288✓ | | | 0.542 | | 298✓ | | |
| 12 | 33.839 | 11.280✓ | | 1.692✓ | | 2.072 | 0.691✓ | | 1.697✓ | |
| | 10.127 | | 151 | | | 1.176 | | 146 | | |
| | 9.975 | | 149 | | | 1.030 | | 144 | | |
| | 9.824 | | 300✓ | | | 0.886 | | 290✓ | | |
| 13 | 29.936 | 9.979✓ | | 1.992✓ | | 3.092 | 1.031✓ | | 1.987✓ | |
| | 6.881 | | 213 | | | 11.518 | | 213 | | |
| | 6.668 | | 213 | | | 11.305 | | 211 | | |
| | 6.455 | | 426✓ | | | 11.094 | | 424✓ | | |
| 14 | 20.004 | 6.668✓ | | 2.418✓ | | 33.917 | 11.306✓ | | 2.411✓ | |
| | 0.719 | | 096 | | | 10.771 | | 109 | | |
| | 0.623 | | 095 | | | 10.662 | | 107 | | |
| | 0.529 | | 189✓ | | | 10.555 | | 216✓ | | |
| 15 | 1.872 | 0.624 | | 2.607✓ | | 31.988 | 10.663✓ | | 2.627✓ | |
| | 145.332✓ | | | | | 34.763✓ | | | | |

F.B. 1391 PG. 235

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C. E. DREIER  Weather Foggy  Inst. No. 50010
Notes by G. E. DREIER  Time 1:00 to 2:40  Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-24 To B.M. 21-23
Date 1-19-53
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0.468 | 145.337 | 098 | 2.607 | | 10.822 | 34.763 | 106 | 2.627 | |
| | 0.370 | | 098 | | | 10.716 | | 106 | | |
| | 0.272 | | 196 | | | 10.610 | | 212 | | |
| 16 | 1.110 | 0.370 | | 2.803 | | 32.148 | 10.716 | | 2.839 | |
| | 1.509 | | 117 | | | 11.992 | | 094 | | |
| | 1.392 | | 114 | | | 11.898 | | 093 | | |
| | 1.278 | | 231 | | | 11.805 | | 187 | | |
| 17 | 4.179 | 1.393 | | 3.034 | | 35.695 | 11.898 | | 3.026 | |
| | 0.600 | | 094 | | | 10.880 | | 110 | | |
| | 0.506 | | 093 | | | 10.770 | | 110 | | |
| | 0.413 | | 187 | | | 10.660 | | 220 | | |
| 18 | 1.519 | 0.506 | | 3.221 | | 32.310 | 10.770 | | 3.246 | |
| | 0.992 | | 163 | | | 3.362 | | 199 | | |
| | 0.829 | | 163 | | | 3.163 | | 199 | | |
| | 0.666 | | 326 | | | 2.964 | | 398 | | |
| 19 | 2.487 | 0.829 | | 3.547 | | 9.489 | 3.163 | | 3.644 | |
| | 11.843 | | 224 | | | 2.790 | | 202 | | |
| | 11.619 | | 225 | | | 2.588 | | 204 | | |
| | 11.394 | | 449 | | | 2.384 | | 406 | | |
| 20 | 34.856 | 11.619 | | 3.996 | | 7.762 | 2.587 | | 4.050 | |
| | | 160.054 | | | | | 73.897 | | | |

F.B. 1391 PG. 236

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather FOGGY Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:40 Rod No. 580

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-24 To B.M. 21-23
Date 1-19-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 7.285 | 7.060 | 225 | 3.996 | | 8.422 | 8.217 | 205 | 4.050 | |
| | 7.060 | | 221 | | | 8.217 | | 206 | | |
| | 6.839 | | 226 | | | 8.011 | | 211 | | |
| 21 | 21.184 | 7.061 | | 4.442 | | 28.650 | 8.217 | | 4.461 | |
| | 2.179 | | 221 | | | 3.999 | | 219 | | |
| | 1.958 | | 220 | | | 3.780 | | 220 | | |
| | 1.738 | | 441 | | | 3.560 | | 439 | | |
| 22 | 5.875 | 1.958 | | 4.883 | | 11.339 | 3.780 | | 4.900 | |
| | 6.634 | | 214 | | | 4.503 | | 213 | | |
| | 6.422 | | 212 | | | 4.290 | | 211 | | |
| | 6.260 | | 426 | | | 4.079 | | 424 | | |
| 23 | 19.416 | 6.472 | | 5.307 | | 12.872 | 4.291 | | 5.324 | |
| | 6.637 | | 219 | | | 3.737 | | 208 | | B.M. 21-23 |
| | 6.418 | | 218 | | | 3.529 | | 210 | | ROSECRANS AVE & FLOURNEY AVE |
| | 6.200 | | 437 | | | 3.319 | | 418 | | SEE F.B. 1391-37 FOR DESCRIPTION |
| 24 | 19.255 | 6.418 | | 5.746 | | 10.585 | 3.528 | | 5.742 | SUMMATION OF RUN |
| | | | | | | | | | | B.M. 21-24 TO B.M. 21-23 |
| | | | | | | | | | | TOTAL BACKSIGHTS = 181.963 |
| | | | | | | | | | | TOTAL FORESIGHTS = 93.713 |
| | | | | | | | | | | DIFF IN ELEVATION = 88.250 |
| | | 181.963 | | | | | 93.713 | | | |

F.B. 1391 PG. 237

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party ..... 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. 1391 PG. 238 | | | | | | | | | | |
| | | | | | | | | | | |

FORM 379 SM 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: G. E. Dozier  Weather: Overcast  Inst. No. 50010
Notes by: E. Landa  Time: 3:00 p.m. to 5:30  Rod No. 5 & 6

Name: **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-24 To B.M. 21-26
Date 1-19-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 10428 | | 19 | | 45 | 0382 | | 23 | | B.M. 21-24 (1933 H.V. 669) |
| | 10409 | | 18 | | | 0359 | | 22 | | Stamped on top of [illegible] |
| | 10391 | | 37 | | | 0337 | | 45 | | See F.B. 391-28 |
| 1 | 31228 | 10.409 | | 37 | 57° | 10078 | 0.359 | | 45 | for description |
| | 10576 | | 245 | | | 5961 | | 241 | | |
| | 10331 | | 242 | | | 5720 | | 241 | | |
| | 10089 | | 487 | | | 5479 | | 482 | | |
| 2 | 30996 | 10.332 | | 524 | | 17160 | 5.720 | | 527 | |
| | 9750 | | 213 | | | 6130 | | 212 | | |
| | 9537 | | 212 | | | 5918 | | 212 | | |
| | 9325 | | 425 | | | 5706 | | 424 | | |
| 3 | 28612 | 9.537 | | 949 | | 17754 | 5.913 | | 951 | |
| | 9907 | | 215 | | | 6252 | | 213 | | |
| | 9692 | | 212 | | | 6039 | | 212 | | |
| | 9480 | | 427 | | | 5827 | | 425 | | |
| 4 | 28079 | 9.693 | | 1376 | | 18118 | 6.039 | | 1376 | |
| | 9806 | | 133 | | | 8265 | | 128 | | |
| | 9673 | | 130 | | | 8137 | | 127 | | |
| | 9543 | | 263 | | | 8010 | | 255 | | |
| 5 | 29022 | 9.674 | | 1639 | | 24412 | 8.137 | | 1631 | |
| | | 34.655 | | | | | 36.173 | | | |

F.B. 1395 PG. 37

FORM 379 SM 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Overcast Inst. No. 50010
Notes by E. Landa Time 3:00 p.m. to 3:30 p.m. Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-24 To B.M. 21-26
Date 1-19-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1745 | 34.655 | 58 | 1639 | | 11669 | 26.173 | 61 | 1631 | |
| | 1687 | | 58 | | | 11608 | | 61 | | Stopped 5:30 p.m. |
| | 1629 | | 116 | | | 11547 | | 122 | | 1-19-53 |
| 6 | 5061 | 1.687 | | 1755 | | 34824 | 11.608 | | 1753 | |
| | | 36.342 | | | | | 37.781 | | | B.M. 21-25 (R.M. #3 Torr. B-1) THE STRAND & 32nd ST SEE F.B. 1391-29 FOR DESCRIPTION |
| | 5405 | | 38 | | | 4520 | | 35 | | |
| | 5417 | | 37 | | | 4485 | | 35 | | Began 9:00 a.m. 1-20-53 |
| | 5380 | | 75 | | | 4450 | | 70 | | |
| 7 | 16252 | 5.417 | | 1830 | 55° | 13455 | 4.485 | | 1823 | |
| | | 41.759 | | | | | 42.266 | | | B.M. 21-25 A (R.M. #1 Torrance B-1) THE STRAND & 32nd ST. SEE F.B. 1391 FOR DESCRIPTION |
| | 11065 | | 26 | | | 0840 | | 27 | | |
| | 11039 | | 26 | | | 0813 | | 26 | | |
| | 11013 | | 52 | | | 0787 | | 53 | | |
| 8 | 33117 | 11.039 | | 1082 | | 2440 | 0.813 | | 1876 | |
| | | 52.798 | | | | | 43.079 | | | |

F.B. 1391 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 Overcast Inst. No. 50010
Notes by E. Landa Time 9:00am to 9:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-24 To B.M. 21-26
Date 1-20-53
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4250 | 52.798 | 260 | 1882 | | 7082 | 43.077 | 261 | 1876 | |
| | 3990 | | 259 | | | 6821 | | 260 | | |
| | 3731 | | 519 | | | 6561 | | 521 | | |
| 9 | 11971 | 3.990 | | 2401 | | 20464 | 6.821 | | 2397 | |
| | 4503 | | 212 | | | 6287 | | 216 | | |
| | 4291 | | 211 | | | 6071 | | 213 | | |
| | 4080 | | 423 | | | 5858 | | 429 | | |
| 10 | 12874 | 4.291 | | 2824 | | 18216 | 6.072 | | 2826 | |
| | [illegible] | | 212 | | | 6080 | | 210 | | |
| | 4677 | | 211 | | | 5870 | | 211 | | |
| | 4466 | | 423 | | | 5659 | | 421 | | |
| 11 | 14032 | 4.677 | | 3247 | | 17609 | 5.870 | | 3247 | |
| | 5829 | | 214 | | | 5504 | | 212 | | |
| | 5615 | | 213 | | | 5292 | | 212 | | |
| | 5402 | | 427 | | | 5080 | | 424 | | |
| 12 | 16846 | 5.615 | | 3674 | | 15876 | 5.292 | | 3671 | |
| | 7020 | | 213 | | | 4788 | | 214 | | |
| | 6807 | | 215 | | | 4574 | | 211 | | |
| | 6592 | | 428 | | | 4363 | | 425 | | |
| 13 | 20419 | 6.806 | | 4102 | | 13725 | 4.575 | | 4096 | |
| | | 78.177 | | | | | 71.709 | | | |

F.B. 139 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 Overcast Inst. No. 50010
Notes by E. Landa Time 9:00 am to 9:45 Rod No. 566

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-24 To B.M. 21-26
Date 1-20-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6113 | 78.177 ✓ | 211 | 41.02 ✓ | | 5351 | 71.709 ✓ | 212 | 4096 ✓ | |
| | 5902 | | 211 | | | 5139 | | 211 | 6 | |
| | 5691 | | 422 ✓ | | | 4928 | | 423 ✓ | | |
| 14 | 17706 ✓ | 5.902 ✓ | | 4524 ✓ | | 15418 ✓ | 5.139 ✓ | | 4519 | |
| | 1326 | | 80 | | | 11436 | | 75 | | B.M. 21-26 (Torrance C-14) |
| | 1246 | | 79 | | | 11361 | | 73 | | THE STRAND & 24th ST. |
| | 1167 | | 159 ✓ | | | 11288 | | 148 ✓ | | See F.B. 1391-30 |
| 15 | 3739 ✓ | 1.246 ✓ | | 4683 ✓ | 55° | 34085 ✓ | 11.362 ✓ | | 4667 | for description |
| | | | | | | | | | | Summation of Run B.M. 21-24 to B.M. 21-26 |
| | | | | | | | | | | Total Backsights = + 85.325 ✓ Total Foresights = - 88.210 ✓ diff. in Elev. = - 2.885 ✓ |
| | | | | | | | | | | |
| | | 85.325 ✓ | | | | | 88.210 ✓ | | | |

F.B. 1391 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 Overcast Inst. No. 52010
Notes by E. Landa Time 1:30 pm to 2:30 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-26 To B.M. 21-24
Date 1-20-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 11634 | | 77 | | #5 | 1520 | | 78 | | B.M. 21-26 (Torrance C-1A) |
| | 11357 | | 75 | | | 1282 | | 79 | | The Strand & 24th St. |
| | 11282 | | 152 | | | 1163 | | 157 | | See F.B. 1391-30 |
| 1 | 34073 | 11.358 | | 152 | 60° | 3725 | 1.242 | | 157 | for description |
| | 5382 | | 211 | | | 6151 | | 214 | | |
| | 5171 | | 211 | | | 5937 | | 214 | | G.E. Dreier |
| | 4960 | | 422 | | | 5723 | | 428 | | |
| 2 | 15513 | 5.171 | | 574 | | 17811 | 5.937 | | 585 | |
| | 4752 | | 212 | | | 6986 | | 214 | | |
| | 4540 | | 210 | | | 6772 | | 213 | | |
| | 4330 | | 422 | | | 6559 | | 427 | | |
| 3 | 13622 | 4.541 | | 996 | | 20317 | 6.772 | | 1012 | |
| | 5504 | | 211 | | | 5832 | | 215 | | |
| | 5293 | | 211 | | | 5617 | | 215 | | |
| | 5082 | | 422 | | | 5402 | | 430 | | |
| 4 | 15879 | 5.293 | | 1418 | | 16851 | 5.617 | | 1442 | |
| | 6171 | | 217 | | | 4967 | | 208 | | |
| | 5954 | | 214 | | | 4759 | | 207 | | |
| | 5740 | | 431 | | | 4552 | | 415 | | |
| 5 | 17865 | 5.955 | | 1849 | | 14278 | 4.759 | | 1857 | |
| | 32.318 | | | | | 24.327 | | | | |

F.B. 1391 PG. 243

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Overcast Inst. No. 50010
Notes by E. Landa Time 1:30 pm to 2:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-26 To B.M. 21-24
Date 1-20-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6305 | 32.318 | 214 | 1849 | | 4523 | 24.327 | 211 | 1857 | |
| | 6091 | | 214 | | | 4312 | | 212 | | |
| | 5877 | | 428 | | | 4100 | | 423 | | |
| 6 | 18273 | 6.091 | | 2277 | | 12935 | 4.312 | | 2280 | |
| | 7148 | | 264 | | | 4180 | | 262 | | |
| | 6884 | | 261 | | | 3918 | | 262 | | |
| | 6623 | | 525 | | | 3656 | | 524 | | |
| 7 | 20655 | 6.885 | | 2802 | | 11754 | 3.918 | | 2804 | |
| | 0971 | | 33 | | | 11330 | | 30 | | |
| | 0938 | | 32 | | | 11300 | | 30 | | |
| | 0906 | | 65 | | | 11270 | | 60 | | |
| 8 | 2815 | 0.938 | | 2865 | | 33900 | 11.300 | | 2864 | |
| | | 46.232 | | | | | 43.857 | | | B.M. 21-25A (R.M.# Torrance B1) the Strand & 32nd St. See F.B. 1391-29 for description |
| | 4490 | | 36 | | | 5426 | | 38 | | |
| | 4454 | | 35 | | | 5388 | | 37 | | |
| | 4419 | | 71 | | | 5351 | | 75 | | |
| 9 | 13363 | 4.454 | | 2938 | | 16165 | 5.388 | | 2939 | |
| | | 50.686 | | | | | 49.245 | | | |

F.B. 1391 PG. 244

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather Overcast Inst. No. 50010
Notes by E. Landa Time 1:30 pm to 2:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-26 To B.M. 21-24
Date 1-20-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 50.696 | | 2936 8 | | | 49.245 | | 2939 | B.M. 21-25 (R.Y. #3 Torrance B-1) the Strand & [illegible] St. See F.B. 1391-29 for description |
| | 10671 | | 58 | | | 0751 | | 57 | | |
| | 10613 | | 58 | | | 0694 | | 55 | | |
| | 10555 | | 116 | | | 0639 | | 112 | | |
| 10 | 31839 | 10.613 | | 3052 4 | | 2084 | 0.695 | | 3051 | |
| | 8331 | | 128 | | | 4873 | | 132 | | |
| | 8203 | | 125 | | | 4741 | | 131 | | |
| | 8078 | | 253 | | | 4610 | | 263 | | |
| 11 | 24612 | 8.204 | | 3305 7 | | 14224 | 4.741 | | 3314 | |
| | 6225 | | 214 | | | 4879 | | 214 | | |
| | 6011 | | 213 | | | 4665 | | 212 | | |
| | 5798 | | 427 | | | 4453 | | 426 | | |
| 12 | 18034 | 6.011 | | 3732 4 | | 13997 | 4.666 | | 3740 | |
| | 6060 | | 212 | | | 4690 | | 214 | | |
| | 5848 | | 211 | | | 4476 | | 213 | | |
| | 5637 | | 423 | | | 4263 | | 427 | | |
| 13 | 17545 | 5.848 | | 4155 7 | | 13429 | 4.476 | | 4167 | |
| | | 81.362 | | | | | 63.823 | | | |

F.B. 1391 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 Overcast Inst. No. 50010
Notes by E. Landa Time 1:30 pm to 2:30 pm Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-26 To B.M. 21-24
Date 1-20-53
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5907 | 81362 | 244 | 4155 7 | | 10517 | 63.923 | 244 | 4167 | |
| | 5663 | | 243 | | | 10273 | | 241 | | |
| | 5420 | | 487 | | | 10032 | | 485 | | |
| 14 | 16990 | 5.663 | | 4642 4 | | 30822 | 10.274 | | 4652 | |
| | 0351 | | 24 | | | 10396 | | 19 | | B.M. 21-24 (U.S. 3646 - Y614) |
| | 0327 | | 24 | | | 10.877 | | 19 | | Rosecrans Ave. & The Strand |
| | 0303 | | 48 | | | 10358 | | 38 | | See F.B. 1391-28 |
| 15 | 0981 | 0.327 | | 4690 2 | 61° | 31131 | 10.377 | | 4690 | for description |
| | | | | | | | | | | Summation of Run B.M. 21-26 to B.M. 21-24 |
| | | | | | | | | | | Total Backsights = + 87352 |
| | | | | | | | | | | Total Foresights = - 84474 |
| | | | | | | | | | | diff. in Elev. = + 2.878 |
| | | 87.352 | | | | | 84.474 | | | |

F.B. 1391 PG. 246

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER  Weather FOGGY  Inst. No. 50010
Notes by G. E. DREIER  Time 10:00 TO  Rod No. 5E6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-26 To B.M. 21-30
Date 1-20-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 11.314 | | 063 | | #6 | 0807 | | 56 | | B.M. 21-26 (TORRANCE C-1A) |
| | 11.251 | | 062 | | | 0.751 | | 57 | | THE STRAND & 24th ST. |
| | 11.189 | | 125 | | | 0.694 | | 113 | | SEE F.B. 1391-30 |
| 1 | 33.754 | 11.251 | | 125 | 55° | 2.252 | 0.751 | | 113 | FOR DESCRIPTION |
| | 5.613 | | 073 | | | 5.337 | | 071 | | |
| | 5.540 | | 074 | | | 5.265 | | 072 | | ⊼ E. LANDA |
| | 5.466 | | 147 | | | 5.196 | | 143 | | |
| 2 | 16.619 | 5.540 | | 272 | | 15.803 | 5.265 | | 256 | |
| | 4.999 | | 216 | | | 4.589 | | 212 | | |
| | 4.783 | | 213 | | | 4.377 | | 213 | | |
| | 4.570 | | 429 | | | 4.164 | | 425 | | |
| 3 | 14.352 | 4.784 | | 701 | | 13.130 | 4.377 | | 681 | |
| | 5.695 | | 212 | | | 5.650 | | 217 | | |
| | 5.483 | | 208 | | | 5.433 | | 215 | | |
| | 5.275 | | 420 | | | 5.218 | | 432 | | |
| 4 | 16.453 | 5.484 | | 1.121 | | 16.301 | 5.434 | | 1.113 | |
| | 5.899 | | 215 | | | 3.390 | | 213 | | |
| | 5.684 | | 212 | | | 3.177 | | 213 | | |
| | 5.472 | | 427 | | | 2.964 | | 426 | | |
| 5 | 17.055 | 5.685 | | 1.548 | | 9.531 | 3.177 | | 1.539 | |
| | | 32.744 | | | | | 19.007 | | | |

F.B. 1391 PG. 2117

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather FOGGY Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:10 Rod No. 5.56

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-26 To B.M. 21-32
Date 1-20-53
Indexed A. C. Johnson

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B.S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6.880 | 32.744 | 213 | 1.548 | | 5.370 | 19.207 | 214 | 1.539 | |
| | 6.667 | | 213 | | | 5.156 | | 214 | | |
| | 6.454 | | 426 | | | 4.942 | | 428 | | |
| 6 | 20.001 | 6.667 | | 1.974 | | 15.468 | 5.156 | | 1.967 | |
| | 4.919 | | 212 | | | 5.825 | | 212 | | |
| | 4.707 | | 212 | | | 5.613 | | 213 | | |
| | 4.495 | | 424 | | | 5.400 | | 425 | | |
| 7 | 14.121 | 4.707 | | 2.398 | | 16.838 | 5.613 | | 2.392 | |
| | 6.676 | | 216 | | | 3.804 | | 214 | | |
| | 6.460 | | 215 | | | 3.590 | | 212 | | |
| | 6.245 | | 431 | | | 3.378 | | 426 | | |
| 8 | 19.381 | 6.460 | | 2.829 | | 10.772 | 3.590 | | 2.818 | |
| | 6.338 | | 218 | | | 5.353 | | 213 | | |
| | 6.120 | | 214 | | | 5.139 | | 212 | | |
| | 5.906 | | 432 | | | 4.927 | | 425 | | |
| 9 | 18.364 | 6.121 | | 3.261 | | 15.418 | 5.139 | | 3.243 | |
| | 4.499 | | 214 | | | 6.223 | | 214 | | |
| | 4.285 | | 212 | | | 6.009 | | 213 | | |
| | 4.073 | | 426 | | | 5.796 | | 427 | | |
| 10 | 12.857 | 4.286 | | 3.687 | | 18.028 | 6.009 | | 3.670 | |
| | | 60.985 | | | | | 44.515 | | | |

F.B. 1391 PG. 248

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather FOGGY Inst. No. 50010
Notes by G.E. DREIER Time 10:00 TO 11:10 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 21-26 To B.M. 21-30
Date 1-20-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 3341 | 60.985 | 214 | 3.687 | | 6.850 | 44.515 | 217 | 3.670 | |
| | 3127 | | 214 | | | 6638 | | 214 | | |
| | 2913 | | 428 | | | 6419 | | 431 | | |
| 11 | 9381 | 3.127 | | 4.115 | | 19902 | 6.634 | | 4.101 | |
| | 3936 | | 215 | | | 9939 | | 211 | | |
| | 3721 | | 213 | | | 9728 | | 211 | | |
| | 3508 | | 428 | | | 9517 | | 422 | | |
| 12 | 11.165 | 3.722 | | 4.543 | | 29184 | 9.728 | | 4.523 | |
| | 2.089 | | 094 | | | 10.216 | | 098 | | |
| | 1.995 | | 092 | | | 10.118 | | 098 | | |
| | 1903 | | 186 | | | 10020 | | 196 | | |
| 13 | 5.987 | 1.996 | | 4.729 | | 30354 | 10.118 | | 4.719 | |
| | | 69.530 | | | | | 70.995 | | | B.M. 21-27 (TORRANCE C-2 RM #2) (U.S. 3649) BLVD. THE STRAND & MANHATTAN BEACH SEE F.B. 1391-31,32 FOR DESC. |
| | 4530 | | 035 | | | 5.974 | | 036 | | |
| | 4495 | | 034 | | | 5.938 | | 037 | | |
| | 4461 | | 069 | | | 5901 | | 073 | | |
| 14 | 13.486 | 4.495 | | 4.798 | | 17.813 | 5.938 | | 4.792 | |
| | | 74.325 | | | | | 76.933 | | | |

F.B. 1391 PG. 2119

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather FOGGY Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:00 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-26 To B.M. 21-30
Date 1-20-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 74.325 | | 4.798 | | | 76.933 | | 4.792 | B.M. 21-28 (TORRANCE C-2) (U.S. 3648) THE STRAND & MANHATTAN BEACH BLVD. SEE F.B. 1391-31,32 FOR DESCRIPTION |
| 15 | 6.215<br>6.181<br>6.148<br>18.544 | 6.181 | .034<br>.033<br>.067 | .865 | | 4.621<br>4.587<br>4.551<br>13.759 | 4.586 | .34<br>.36<br>.072 | 4.862 | |
| | | | | | | | | | | B.M. 21-29 (U.S. 98) (U.S.G.S. 5-20) THE STRAND & MANHATTAN BEACH BLVD. SEE F.B. 1391-31,32 FOR DESC. |
| F.B. 1391 PG. 250 16 | 4.532<br>4.492<br>4.452<br>13.476 | 4.492 | .040<br>.040<br>.080 | 4.945 | | 4.193<br>4.153<br>4.114<br>12.460 | 4.153 | .040<br>.039<br>.079 | 4.941 | B.M. 21-30 (U.S. 1279 5-50) THE STRAND & MANHATTAN BEACH BLVD. SEE F.B. 1391-32 FOR DESCRIPTION |
| | | | | | | | | | | Total Backsights = + 84.998<br>Total Foresights = − 85.672<br>Diff in Elevation = − 0.674 |
| | | 84.998 | | | | | 85.672 | | | |

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather FOGGY Inst. No. 50010
Notes by G.E. DREIER Time 11:10 TO 12:00 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-30 To B.M. 21-26
Date 1-20-52
Indexed A. C. Tobias

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4193 | | 040 | | | 4.530 | | 039 | | B.M. 21-30 (U.S. 1279 S-50) THE STRAND & MANHATTAN BEACH BLVD. SEE F.B. 1391-32 FOR DESCRIPTION |
| | 4153 | | 039 | | | 4491 | | 040 | | |
| | [illegible] | | 079 | | | 4.451 | | 79 | | |
| 1 | 3.460 | 4.192 | | .079 | | 3.472 | 4.491 | | .079 | |
| | | | | | | | | | | B.M. 21-29 (U.S. 98) (U.S.G.S. 20) THE STRAND & MANHATTAN BEACH BLVD. SEE F.B. 1391-31,32 FOR DESC. |
| | 4645 | | 035 | | | 6.240 | | 34 | | |
| | 4610 | | 035 | | | 6.206 | | 35 | | |
| | 4575 | | 070 | | | 6171 | | 069 | | |
| 2 | 18.830 | 4.610 | | .149 | | 18.617 | 6.206 | | .148 | |
| | | | | | | | | | | B.M. 21-28 (TORRANCE C-2) (U.S. 3648) THE STRAND & MANHATTAN BEACH BLVD. SEE F.B. 1391-31,32 FOR DESC. |
| | 5.968 | | 037 | | | 4523 | | 035 | | |
| | 5.931 | | 035 | | | 4488 | | 036 | | |
| | 5896 | | 072 | | | 4452 | | 071 | | |
| 3 | 17.795 | 5.932 | | .221 | | 13.463 | 4488 | | .219 | |
| | | 14.695 | | | | | 15.185 | | | |

F.B. 1391 PG. 251

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather FOGGY Inst. No. 50010
Notes by G. E. DREIER Time 11:10 TO 12 Rod No. 5-66

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-30 To B.M. 21-26
Date 1-20-53
Indexed **A. C. Johnson**

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 14.695 | | 221 | | | [illegible] | | .219 | B.M. 21-27 (R.M. #2 TORRANCE C2) (L.S. 3649) THE STRAND & MANHATTAN BEACH BLVD. SEE F.B. 1391-91,92 FOR DESC. |
| 4 | 9.979<br>9.882<br>9.789<br>29.650 | 9.883 | 097<br>093<br>190 | .411 | | 1.856<br>1.760<br>1.665<br>5.281 | 1.760 | 096<br>095<br>191 | .415 | |
| 5 | 9.818<br>9.603<br>9.392<br>28.813 | 9.604 | 215<br>211<br>426 | .837 | | 3.812<br>3.598<br>3.385<br>10.795 | [illegible] | 214<br>213<br>427 | .837 | |
| F.B. 1391 PG. 252 6 | 6.842<br>6.631<br>6.419<br>19.892 | 6.631 | 211<br>212<br>423 | .1260 | | 3.339<br>3.123<br>2.910<br>9.372 | 3.124 | 216<br>213<br>429 | .1266 | |
| 7 | 5.980<br>5.764<br>5.550<br>17.294 | 5.765 | 216<br>214<br>430 | .1690 | | 4.253<br>4.039<br>3.828<br>12.120 | 4.040 | 214<br>211<br>425 | .1691 | |
| | | 46.578 | | | | | 27.797 | | | |

FORM 379 5M 7-40

PLEASE RETURN TO
**LOS ANGELES COUNTY SURVEYOR**
**700 HALL OF RECORDS**

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 21-30 To B.M. 21-26
Date 1-20-53
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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.339 | 46.578 | 211 | 1690 | | 6.325 | 27.707 | 215 | 1691 | |
| | 5.128 | | 212 | | | 6.110 | | 215 | | |
| | 4.916 | | 423 | | | 5.895 | | 430 | | |
| 8 | 15.353 | 5.128 | | 2.113 | | 18.330 | 6.110 | | 2.121 | |
| | 3.797 | | 211 | | | 6.671 | | 216 | | |
| | 3.588 | | 213 | | | 6.455 | | 215 | | |
| | 3.375 | | 424 | | | 6.240 | | 431 | | |
| 9 | 10.762 | 3.587 | | 2.537 | | 19.366 | 6.455 | | 2.552 | |
| | 5.873 | | 212 | | | 4.969 | | 214 | | |
| | 5.661 | | 209 | | | 4.755 | | 215 | | |
| | 5.452 | | 421 | | | 4.540 | | 429 | | |
| 10 | 16.986 | 5.662 | | 2.958 | | 14.264 | 4.755 | | 2.981 | |
| | 5.285 | | 217 | | | 6.785 | | 208 | | |
| | 5.068 | | 218 | | | 6.577 | | 207 | | |
| | 4.850 | | 435 | | | 6.370 | | 415 | | |
| 11 | 15.203 | 5.068 | | 2.393 | | 19.732 | 6.577 | | 2.396 | |
| | 3.444 | | 213 | | | 5.954 | | 215 | | |
| | 3.231 | | 211 | | | 5.739 | | 212 | | |
| | 3.020 | | 424 | | | 5.527 | | 427 | | |
| 12 | 9.695 | 3.232 | | 3.817 | | 17.220 | 5.740 | | 3.823 | |
| | | 69.255 | | | | | 244 | | | |

F.B. 1391 PG. 253

FORM 37[illegible]-40

LOS AN[illegible] [illegible] 1391

[illegible] NOTES THIS SI[illegible] OF TH[illegible]

Chief of Party G. E. Dreier  Weather Foggy  Inst. No. 5[illegible]

Notes by G. E. DREIER  Time 1:00 TO 1[illegible]  Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET

Job No. 4923

From B.M. 21-30 To B.M. 21-26

Date 1-20-53

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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5.653 | 69.255 | 214 | 3.817 | | 5.701 | 57.344 | 211 | 3.823 | |
| | 5.439 | | 214 | | | 5.490 | | 215 | | |
| | 5.225 | | 428 | | | 5.275 | | 426 | | |
| 13 | 16.317 | 5.439 | | 4.245 | | 16.466 | 5.489 | | 4.249 | |
| | 5.060 | | 212 | | | 5.172 | | 216 | | |
| | 4.848 | | 211 | | | 5.256 | | 215 | | |
| | 4.637 | | 423 | | | 5.041 | | 431 | | |
| 14 | 14.545 | 4.848 | | 4.668 | | 15.769 | 5.256 | | 4.680 | |
| | 5.332 | | 073 | | | 5.606 | | 075 | | |
| | 5.259 | | 070 | | | 5.531 | | 073 | | |
| | 5.189 | | 143 | | | 5.455 | | 148 | | |
| 15 | 15.780 | 5.260 | | 4.8[illegible] | | 16.595 | 5.532 | | 4.828 | |
| | 0.865 | | 058 | | | 11.372 | | 065 | | (U.S. 3647) B.M. 21-26 (TORRANCE C-1A) |
| | 0.807 | | 058 | | | 11.307 | | 066 | | THE STRAND & 24th ST, |
| | 0.749 | | 116 | | | 11.241 | | 13[illegible] | | SEE F.B. 1391-30 |
| 16 | 2.421 | 0.807 | | 4.9[illegible] | | 33.920 | [illegible] | | 4.959 | FOR DESCRIPTION |
| | | | | | | | | | | Total Backsights + 85.609 |
| | | | | | | | | | | Total Foresights − 84.928 |
| | | | | | | | | | | Diff in Elevations + 0.681 |
| | | 85.609 | | | | | | | | |

F.B. 1391 PG. 254