Notes Ck'd by
Office Work
Checked

Survey of GEODETIC CONTROL
JN 0301.00 Tape Std °F
Surveyed by W.D. BAY
Notes J. BAZEN Date 3/26/63
Indexed GALLI

F. B. 2458 PG. 5

J.N. 0301.00

GEODETIC CONTROL

"SANTA MONICA MOUNTAINS"

SADDLE PEAK TRAVERSE 9 to 22

HENRY RIDGE TRAVERSE 23 to 46

3/26/63

PARTY

BAY

BAZEN

MATHER

McKNIGHT

OHASHI.

Microfilmed Jan '86

F. B. 2458 PG. 6

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Office Work		Surveyed by	
Checked		Notes Date	
Date		Indexed	

F. B. 2458 PG. 7

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CAD. TIE R-17 W	LAS FLORES G-7A & F-6A TO SEC 27	T-1-S 97

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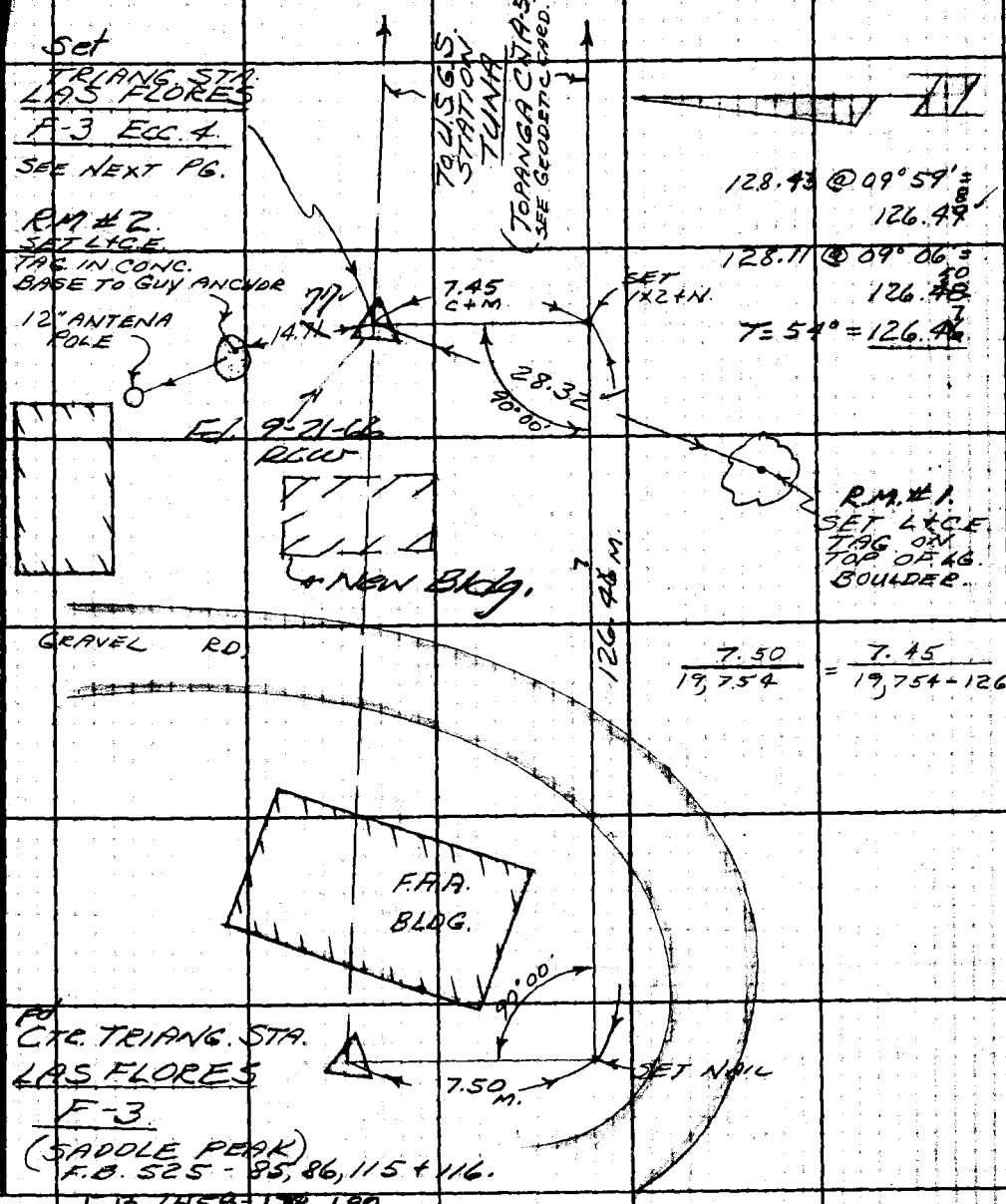
Map No.	JN 3301.00 Tape 127 Std 84 °F
Office Work	Surveyed by W.D. BAY
Checked	Notes Date 3/26/63
Date	Indexed E. J. GALLI APR 1 1963

F. B. 2458 PG. 9

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
LAS FLORES F-3-ECC.4



F.B. 525 - 85, 86, 115 + 116.
F.B. 2458 - 179, 180

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F. B. 2458 PG. 10

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
LAS FLORES F-3, ECC. 4
(SADDLE PEAK)

THIS STATION IS IN THE COUNTY OF LOS ANGELES, (R17W - T1S) IN THE S.E. 1/4 OF SEC. 16 ON SADDLE PEAK MTN. AND IS LOCATED 100' ± E. OF AIRCRAFT BECON TOWER. AND IS PROTECTED BY A YELLOW MARKER PIPE 5' N'LY.

STATION MARK:

SET A STD. 4" BRASS CAP TRIANG. MON. IN A 12"X12" CONC BLK. + STAMPED: "LAS FLORES F-3, ECC. 4 1963, R.E. 5869."

REFERENCE MARKS:

R.M. NO. 1.: SET L+C.E. TAG. ON TOP OF LARGE SANDSTONE BOULDER S.W'LY. 28.32'

R.M. NO. 2.: SET L+C.E. TAG IN CONC. BASE TO GUY WIRE ANCHOR N.W'LY 14.71'.

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F.B. 2458 Pg. 11

Profile No.	Notes Red	Plotted	Job No. 0301.00 Division No. 11
	Date	Date	Survey of GEODETIC CONTROL
X-Sec. No.	Notes Chkd.	Checked	Survey by W. BAY Notes BAZEN Date 3/28/63
	Date	Date	Map No. Indexed L. J. GALLI Date [illegible]

RELATIVE ELEVATIONS
OF MONUMENTS AT.
(SADDLE PEAK)

LAS FLORES F-3
LAS FLORES F-3 R.M. NO. 2
LAS FLORES F-3 ECC. #4.

PER F.B. 525 - 85, 86, 115, + 116
F.B. 2458 - 9, 10.

J. N. 0301.00

3/28/63

ELEV.	PARTY
	W. BAY
F.S.	J. BAZEN R. MATHER T. OHASHI
H.I.	
B.S.	
STATION	

Noted on Geo. Index Card
Placed on U.S.G.S. Quad Sheet
Sketched on Use Card

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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
LAS FLORES F-3	218	102 18		100 00	(ASSUMED ELEV.) SEE	F.B. 525-85,86,115+116.
R-M #2	056	97 63	511	97 07	MON. R.M #2 - SEE	F.B. 525-85,86,115+116
T.P.	189	89 49	1003	87 60	T.P.	
LAS FLORES F-3 ECC #4	726	89 06	769	81 80	F-3 ECC# 4 SEE	F.B. 2458 - 9+10
T.P.	1146	99 06	146	87 60	T.P.	
T.P.	499	102 70	135	97 71	T.P.	
LAS FLORES F-3			271	[illegible]	F-3 CTR. STA. (SADDLE PEAK)	
					SEE F.B. 525 - 85,86,115+116.	
LF F-3 Ecc4				2785.8		
" " RM2				2801.1		
" " (ctr. Sta.)				2804.0		

F.B. 2458 PG. 12

Job No. 0301.00 Division No. 11 Notes Red ____ Plotted ____ Profile ____

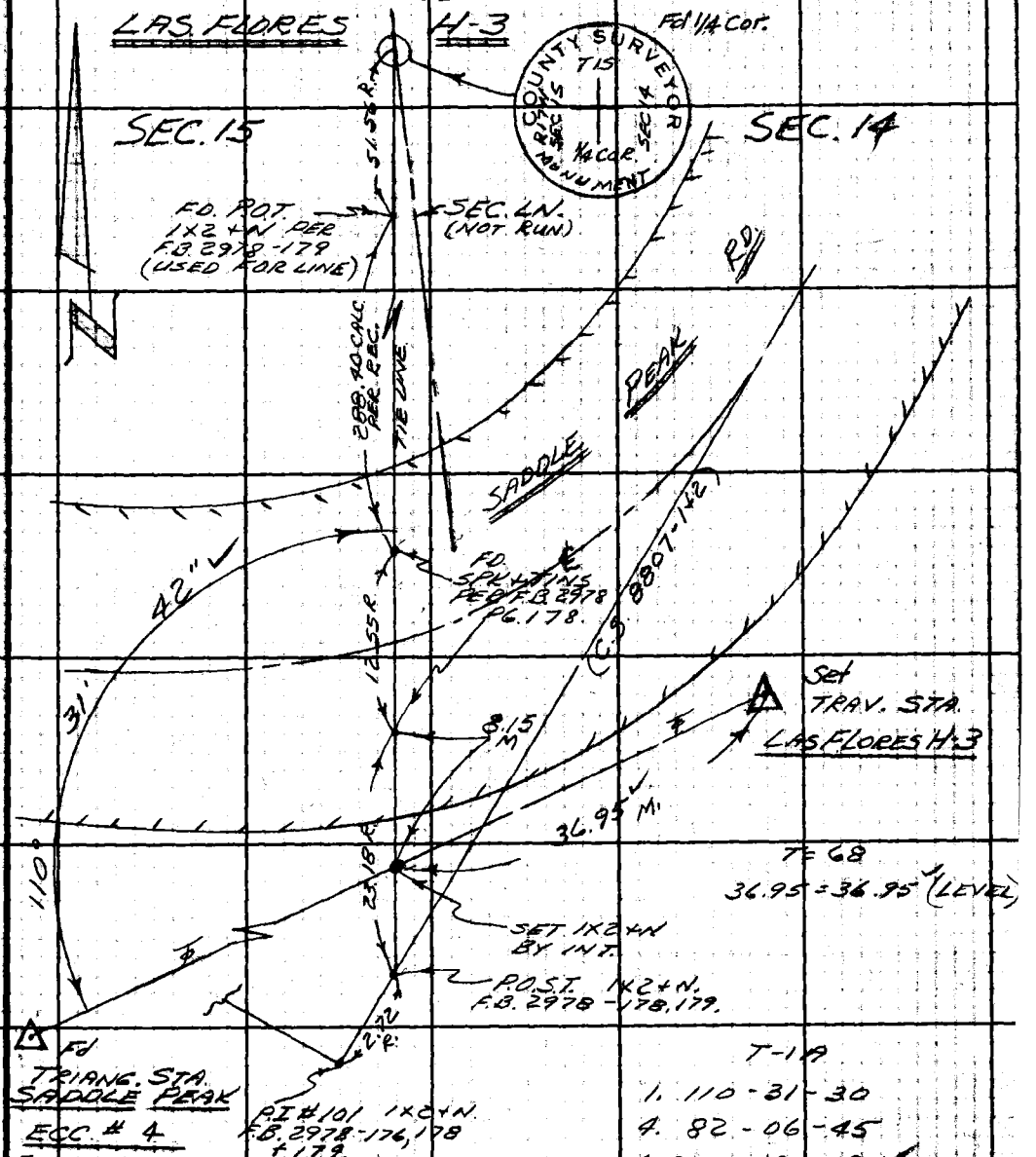
Survey of GEODETIC CONTROL Date ____ Date ____ No. ____ X-Sec. ____

Survey by W. BAY Notes J. BAZEN Notes Chkd. ____ Checked ____ No. ____

Indexed C. J. GALLI Date ____ Date ____ Date ____

Notes Ck'd D. RUBENACKER	Survey of GEODETIC CONTROL	F. B 2458 Pg. 13
Map No.	JN 4301.00 Tape 127 Std 84 °F	
Office Work	Surveyed by W. D. BAY	
Checked	Notes J. BAZEN Date 3-25-63	
Date	Indexed C. J. GALLI	

L.A. COUNTY SURVEY CONTROL SYS.
TRAVERSE STATION
LAS FLORES H-3



T-1A
1. 110-31-30
4. 82-06-45
6. 303-10-10
110-31-41 2/3

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Discrepancies Or Questions
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76F309S C.E. #3 0 6-62

F. B. 2458 PG. 14

L.A. COUNTY SURVEY CONTROL SYSTEM.
TRAVERSE STATION
LAS FLORES H-3.

THIS STATION IS IN THE COUNTY OF LOS ANGELES, R17W - T1S. NEAR SEC LINE OF SEC 14 + SEC 15. + IS ON THE SO. EDGE OF SADDLE PEAK RD.; THIS STATION CAN BE REACHED BY TRAVELING ELY FROM THE INTERSECTION OF SCHOREEN RD. + SADDLE PEAK RD. 0.2 MILES. AND IS PROTECTED BY A YELLOW MARKER PIPE 3' N'LY.

STATION MARK:

SET A STD. 4" BRASS CAP TRAVERSE MON. IN A 12"X12" CONC BLOCK + STAMPED, "LAS FLORES H-3, 1963, R.E. 5869" FLUSH.

REFERENCE MARKS:

NONE SET.

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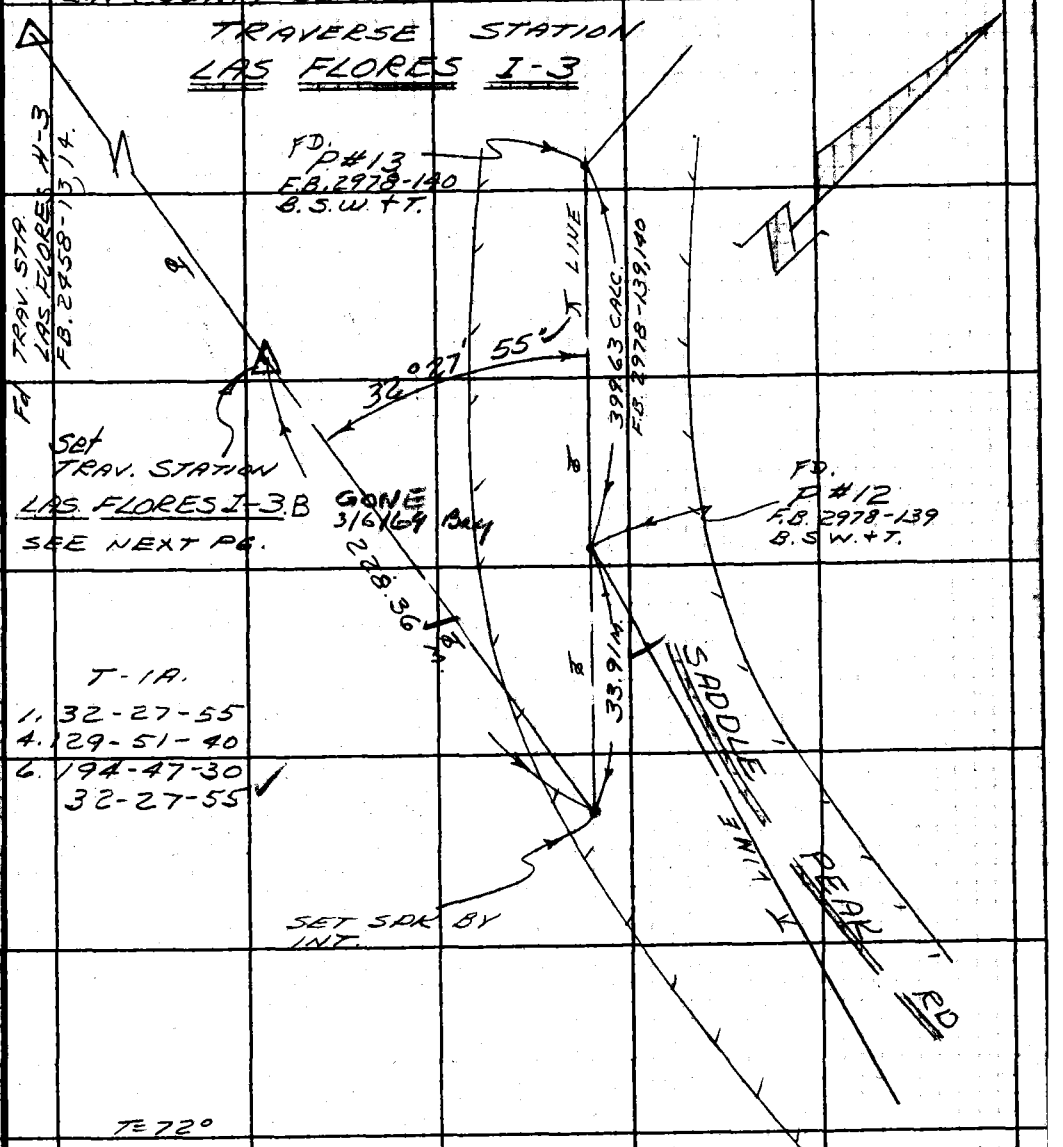
Notes Ck'd by C. RUBENACKER	Survey of GEODETIC CONTROL	F. B. 2458 PG. 15
Map No.	JN 0301.00 Tape 127 Std 84 °F	
Office Work	Surveyed by W. D. BAY	
Checked	Notes J. BAZEN Date 3/25/63	
Date	Indexed C. J. GALLI Apr 1 5 '63	

L.A COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

LAS FLORES I-3



T-1A.

1. 32-27-55
4. 129-51-40
6. 194-47-30
32-27-55

T=72°

① 231.47 @ 09°21' = 228.39

② 231.71 @ 09°45' = 228.36

MEAN = 228.38 T=72° = 228.36

33.91 = 33.91 (LEVEL)

Noted on Eng. Index Card
Sheet Must be Noted on Change on Ends
Ink With Date and Name of Person
Making Change
Sketch on Gen. Desc. Card

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76F309S CE #310 6-62

F. B. 2458 PG. 16

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
LAS FLORES I-3.

THIS STATION IS IN THE COUNTY OF LOS ANGELES, R17W - T1S IN THE CTR. SOUTH HALF OF SEC 14 AND IS LOCATED AT N. SIDE OF LG. BOULDER (30' FT. W. + 15' FT. HIGH) + 100' ± SO. OF SO. EDGE OF SADDLE PEAK RD.; THIS STA. CAN BE REACHED BY TRAVELING E'LY FROM INTER. OF SCHUEREN RD + SADDLE PEAK RD. 1.4 MILES. & ~~IS PROTECTED BY A YELLOW MARKER PIPE 5' HLY.~~ (REMOVED) 4/3/63 A.C.D.

STATION MARK:

SET A STD. 4" BRASS CAP TRAVERSE STATION MON IN A 12"X12" CONC. BLK. + STAMPED, "LAS FLORES I-3, 1963, R.E. 5869." FLUSH.

REFERENCE MARK:

NONE SET.

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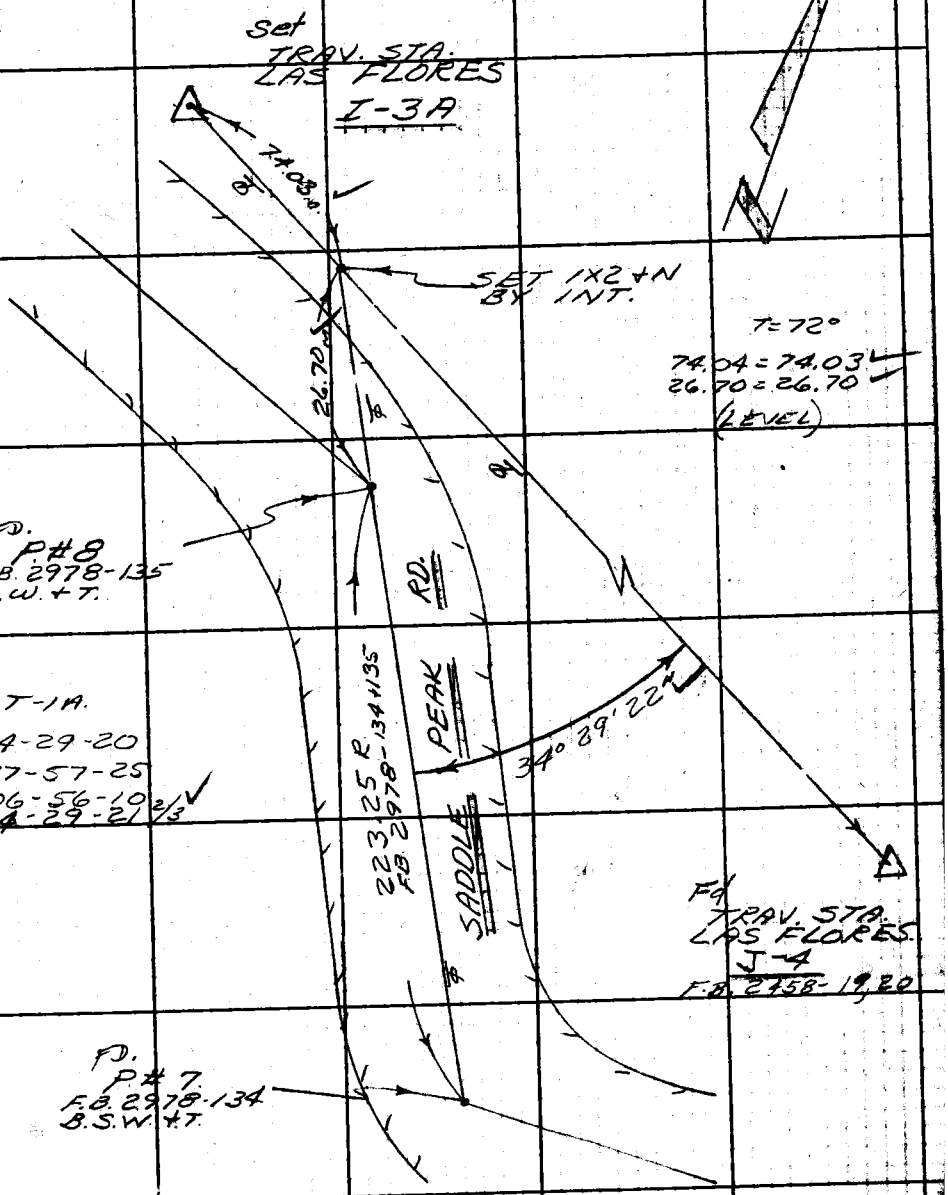
Map No.	JN 0301.00 Tape 127 Std 84 °F	
Office Work	Surveyed by W. D. BAY	
Checked	Notes J. BAZEN Date 3-25-63	
Date	Indexed J. GALLI APR 15 63	

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

LAS FLORES I-3A



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Sketch on Geo. Desc. Card

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F. B. 2458 PG. 18

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
LAS FLORES I-3A

THIS STATION IS IN THE COUNTY OF LOS ANGELES, (R17W - T1S) IN THE S.E. 1/4 OF SEC. 14 + 10'± N. OF N. EDGE OF SADDLE PEAK RD. THIS STATION CAN BE REACHED BY TRAVELING E'LY FROM INTER. OF SCHUREN RD. + SADDLE PEAK RD. 1.9 MILES. AND PROTECTED BY A YELLOW MARKER PIPE 3' S'LY.

STATION MARK:

SET A STD. 4" BRASS CAP TRAV. MON. SET IN A 12"X 12" CONC. BLK. + STAMPED, "LAS FLORES I-3A 1963, R.E. 5869." FLUSH.

REFERENCE MARKS:

NONE SET.

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Map No.	JN 4301.00 Tape 127 Std 84 °F	
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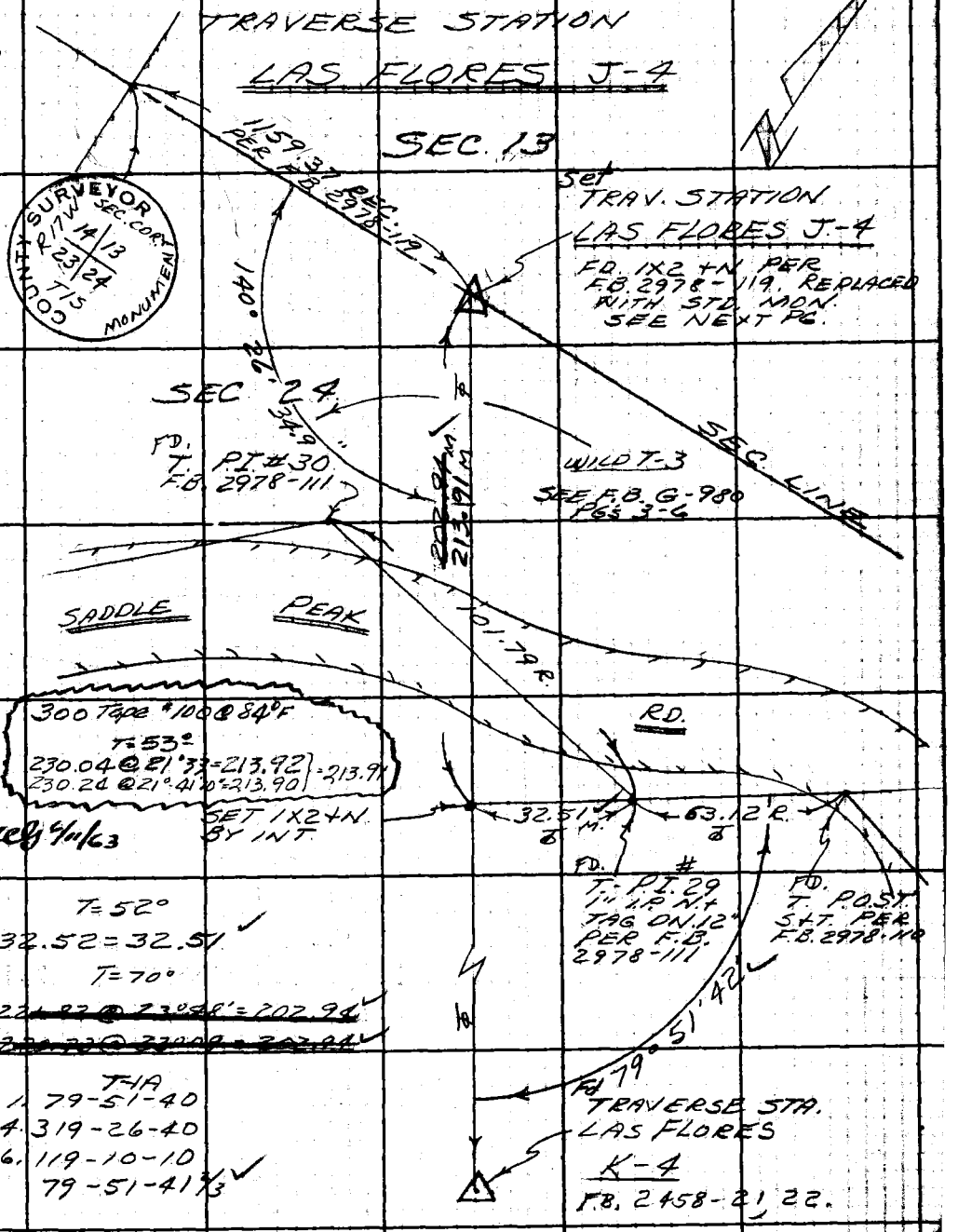
Date	Indexed R. J. CAIN APR 1 5 63	

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

LAS FLORES J-4



3.465
8.54

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F. B. 2458 PG. 20

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION

LAS FLORES J-4

THIS STATION IS IN THE COUNTY OF LOS ANGELES, (R17W T1S) ON THE SEC. LINE BETWEEN SEC. 13 AND 24 AND IS LOCATED ON THE SO. EDGE OF A FIRE BREAK 300'± E. OF SADDLE PEAK RD. THIS STATION CAN BE REACHED BY TRAVELING ELY ON SADDLE PEAK FROM INTER. OF SCHUREN RD. 2.3 MILES TO FIRE BREAK AND IS PROTECTED BY A YELLOW MARKER PIPE S'NLY.

STATION MARK:

SET A STD. 4" BR. CAP TRAVERSE MON, SET IN A 8" DIA. CONC FORM & STAMPED, "LAS FLORES J-4, 1963, R.E. 5869." FLUSH.

REFERENCE MARKS:

NONE SET.

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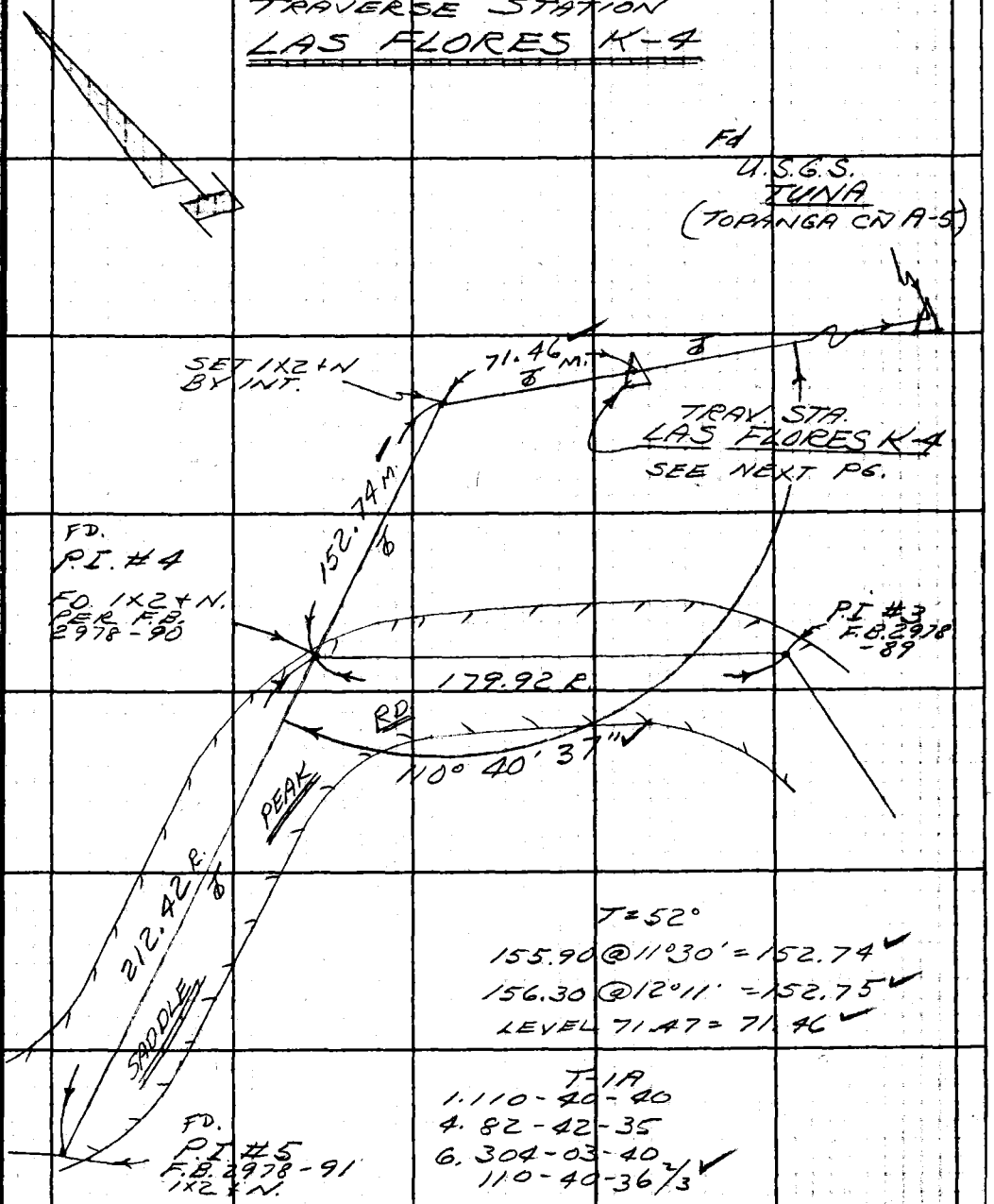
Date	Indexed R. J. GALLI APR 15 63

F. B. 2458 PG. 21

L.A COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

LAS FLORES K-4



T=52°

155.90 @ 11°30' = 152.74

156.30 @ 12°11' = 152.75

LEVEL 71.47 = 71.46

T-1A

1. 110-40-40

4. 82-42-35

6. 304-03-40

110-40-36 2/3

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F. B. 2458 PG. 22

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
LAS FLORES K-4

THIS STATION IS IN THE COUNTY OF LOS ANGELES, (R17W - T1S) N.E. 1/4 OF SEC. 24. 200± N. OF SADDLE PEAK RD. THIS STA. CAN BE REACHED BY TRAVELING W'LY ON SADDLE PEAK RD. FROM THE INTER. AT TUNA CN. RD. 0.1 MILES. ~~+ 15 PROTECTED BY A YELLOW MARKER AZ 5' N'LY.~~ (REMOVED 4/3/63 C.G.D.)

STATION MARK:
SET A STD. 4" BR. CAP TRAVERSE MON. IN A 12"x12" CONC. BLK. + STAMPED, "LAS FLORES K-4, 1963, R.E. 5869." FLUSH.

REFERENCE MARKS:
NONE SET.

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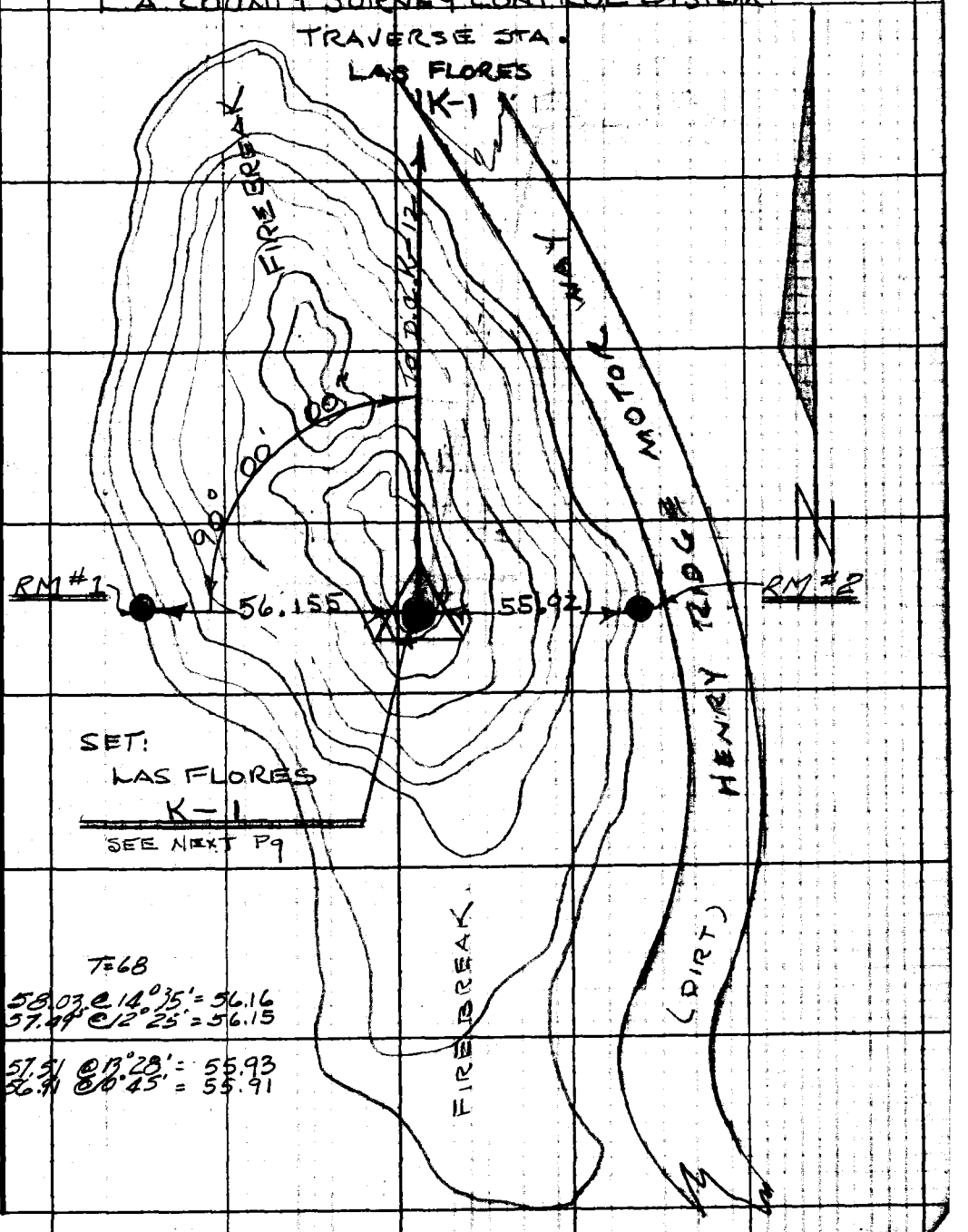
Map No.	JN 0301.00 Tape 4193 Std 68 °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes R.D. SMITH Date 4-3-63	
Date	Indexed [illegible]	

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STA.

LAS FLORES

K-1



SET:
LAS FLORES
K-1

SEE NEXT Pg

T=68

58.03 @ 14°35' = 56.16
57.49 @ 12°25' = 56.15

57.51 @ 13°28' = 55.93
56.91 @ 10°45' = 55.91

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Sketch on Geo. Desc. Card

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F. B2458 PG 24

STATION DESCRIPTION
TRAVERSE STA.

LAS FLORES

K-1

THIS TRAV. STA. IS IN L.A. CO. ON THE WEST WALL OF TOPANGA CN. AND ON A FIRE BREAK ALONG HENRY RIDGE MOTORWAY.

TO REACH: START AT THE INT. OF THE NEW & THE OLD TOPANGA CN. ROADS. PROCEED 0.25 MILE NORTHERLY ALONG THE NEW TOPANGA CN RD. TO A LEFT TURN. THENCE 0.20 MILES ALONG A PAVED ROAD PASSED A SCHOOL TO THE END OF PAVEMENT AND A CABLE BARRICADE ("L" KEY) THENCE 0.50 MILE ALONG HENRY RIDGE ROAD TO THE TOP OF A KNOLL THENCE (HIKE) ABOUT 600 FT. SOUTHERLY DOWN THE FIREBREAK TO THE STATION

STATION MARK: SET 1" PIPE W/ CONC CORE AND BRASS NAIL. 3" DOWN

REFERENCE MARK NO 1
SET 1" PIPE W/CONC PLUG & BRASS NAIL FLUSH.
S80°W

REFERENCE MARK NO 2.
SET 1" PIPE W/CONC PLUG & BRASS NAIL FLUSH
N80°E

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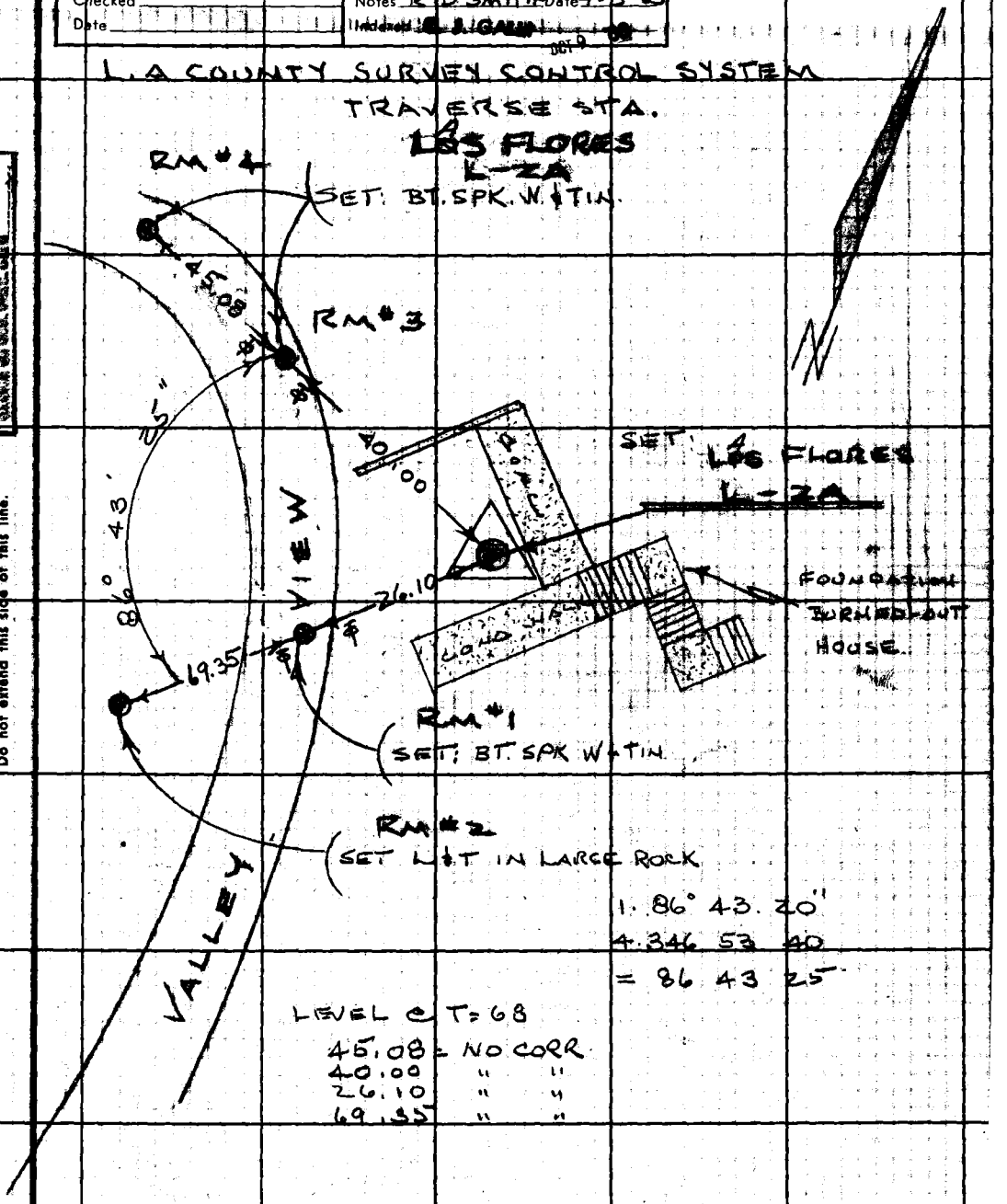
Notes Ck'd by	Survey of GEODETIC CONTROL F. BZ458 Pd. 25
Map No.	JN0301.00 Tape 0198 Std 68 °F
Office Work	Surveyed by A. C. GUIZADO
Checked	Notes R. D. SMITH Date 4-5-63
Date	Indexed [illegible]

L. A COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STA.



1. 86° 43. 20"
4. 346 53 40
= 86 43 25

LEVEL @ T=68

45.08 = NO CORR
40.00 " "
26.10 " "
69.35 " "

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76F3095 CE #310 8-62

F. B2458 PG 26

DESCRIPTIONS.
TRAVERSE STA.
LOS FLORES
L-2A

THIS STATION IS IN L.A COUNTY IN THE TOPANGA CN AND 25'± NORTH OF THE CENTER-LINE OF VALLEY - - VIEW DRIVE AT HOUSE NUMBER 19783 (HOUSE BURNED - FOUNDATION ONLY) TO REACH START @ FERWOOD CO. FIRE STATION 0.15 MILE ALONG FERWOOD PACIFIC DR. TO VALLEY VIEW DR. THENCE 0.30 MI. TO STA.

STATION MARK: SET 1" I.P W/ CONC. CORE & BRASS NAIL - DOWN 6"

REFERENCE MARK NO 1, 3 & 4 SET: BT. SPK W&TIN IN PAV.

REFERENCE MARK NO 2 SET L&T IN LARGE ROCK.

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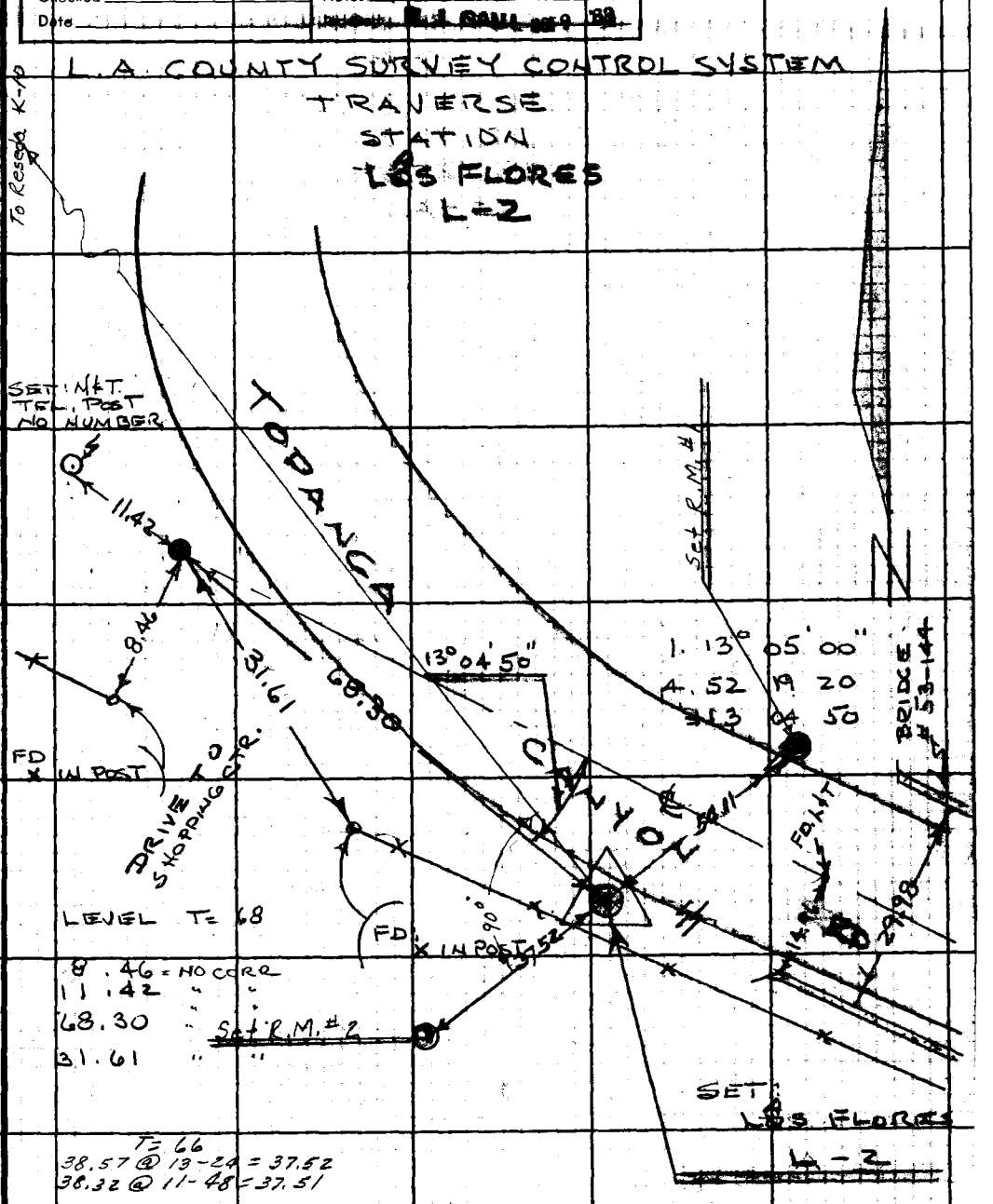
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN0201 Tape 0193 Std 68 °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes R.D. SMITH Date 4-5-63
Date	[illegible]

F. BZ458 PG. 27

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION LOS FLORES L-2



Note: Any Additional Information on this Sheet Must be Made of Circled in Red Ink With Data and Numerical Sheet Making Charts on the Desc. Card

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

76F309S CE #310 6-62

F. B2458 PG 28

DESCRIPTIONS
TRAVERSE STA
LOS FLORES
L-2

THIS STATION IS IN L.A. COUNTY IN THE TOPANGA CN. AND IN THE INT. OF OLD TOPANGA CN. RD & NEW TOPANGA CN. RD. @ THE "HOPPING" SHOPING CENTER.

STATION MARK: SET 1" I.P. W/ CONC. CORE & BRASS NAIL DOWN 6"

REFERENCE MARK #2 Set 1" I.P. W/CONC. CORE & BRASS NAIL FLUSH

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Notes Ck'd by	Survey of GEOD CONTROL
Map No.	JN 0301.00 Tape 0193 Std 68 °F
Office Work	Surveyed by A C GUIZADO
Checked	Notes D. L. WILKS Date 5-2-63
Date	Indexed R. J. GALLA [illegible]

F. B 2458 PG. 29

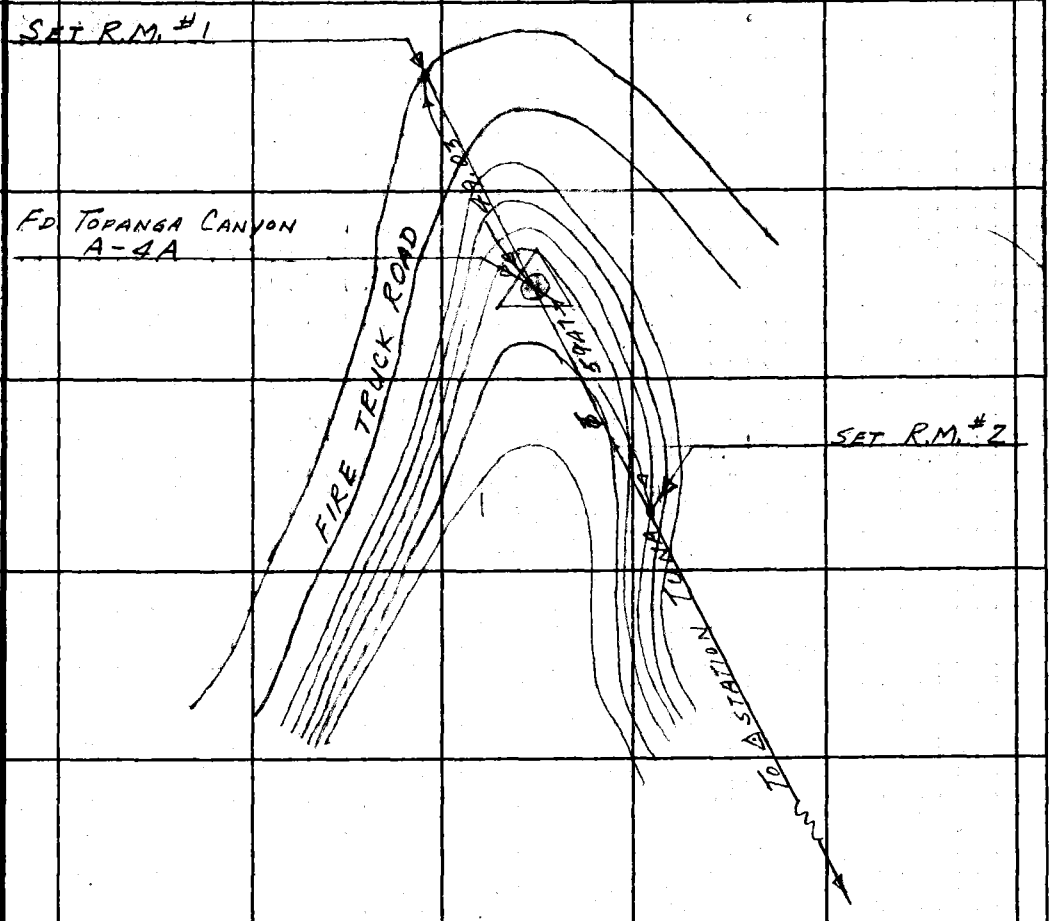
L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
TOPANGA CANYON
A-4A

N

T= 70

60.28 @ 09-24 = 59.47
60.09 @ 08-16 = 59.47

50.23 @ 12-33 = 49.03
49.94 @ 10-57 = 49.03



Noted on Geo. Index Card
Sketch on Geo. Desc. Card

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76F309S CE #310 6-62

F. B 2458 PG 30

STATION DESCRIPTION
TRAVERSE STATION
TOPANGA CANYON
A-4A

THIS STATION IS IN L.A. Co.

TO REACH: FROM THE INT. OF FERNWOOD PACIFIC DR. & S. TOPANGA BLVD. GO UP FERNWOOD PACIFIC DR. 2.2 MILES & TURN LEFT ON DIRT ROAD THRU A GATE WHICH REQUIRES AN "L" KEY 0.4 MILES TO JCT. THEN LEFT 500± TO STATION WHICH IS APPROX. 10FT HIGHER THAN THE ROAD.

STATION MARK: FD. A STANDARD CITY OF L.A 4" BRASS CAP TRIANGULATION MON. FLUSH STAMPED "TOPANGA CANYON A 4 A 1950"

REFERENCE MARK #1: SET 1" PIPE WITH CONC. PLUG & BRASS NAIL FLUSH.

REFERENCE MARK #2: SAME AS R.M. #1

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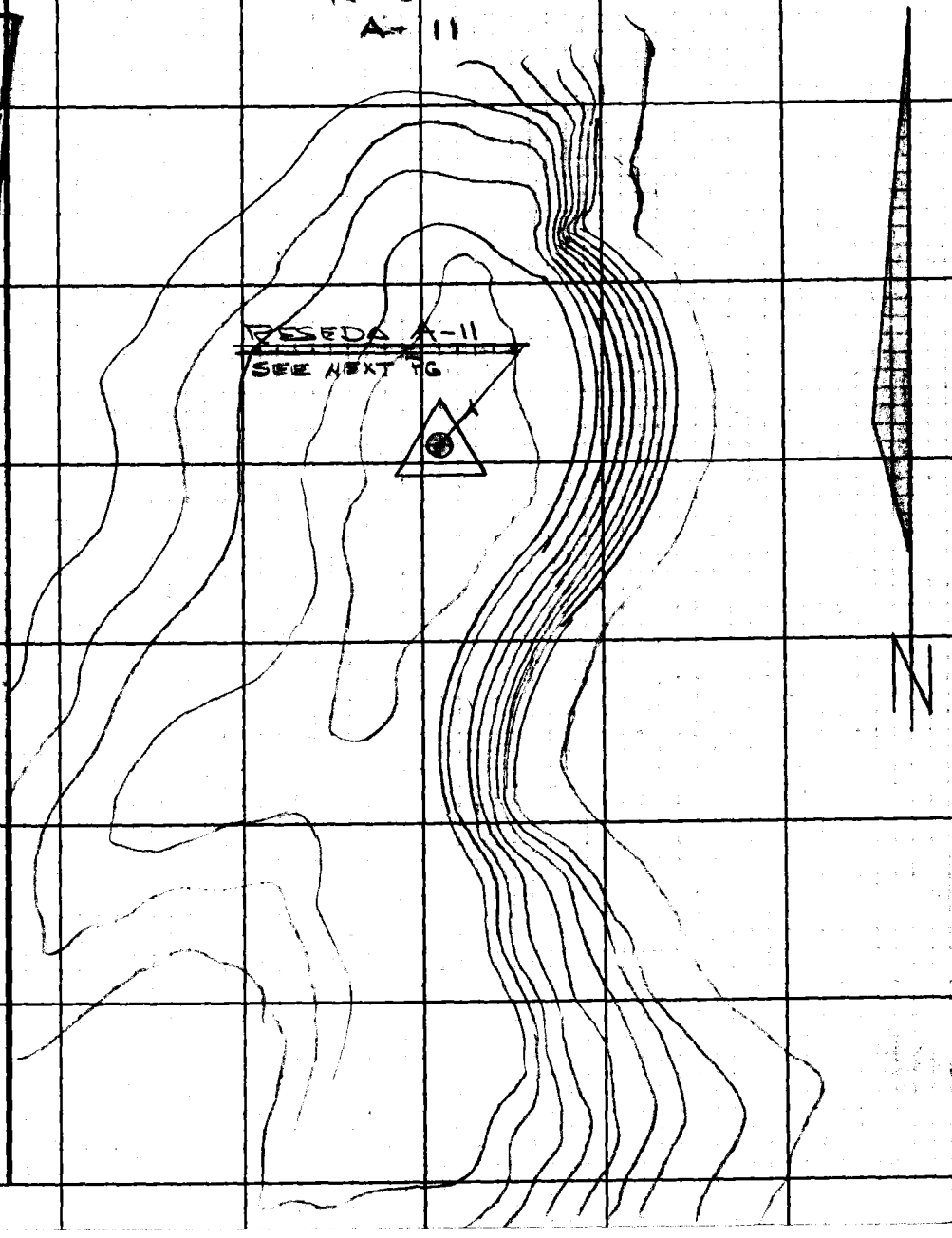
Notes Ck'd by	Survey of GEODETIC CONTROL F. B2458 PG. 31
Map No.	JN0301.00 Tape Std °F
Office Work	Surveyed by A C GUIZADO
Checked	Notes R. D. SMITH Date 4-8-63
Date	Indexed R. J. GALLI OCT 9 '63

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STA

RESEDA

A-11



Note: Any Additional Changes on this Sheet Must Be Made on Mapping Ink With Batching Notes on Parcel Making Changes and on Sec. Div. W.S. No. Sketch on Geo. Desc. Card

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76F309S CE #310 6-62

F. B 2458 PG. 32

DESCRIPTIONS.
TRAVERSE
STATION
RESEDA
A-11

THIS STATION IS IN L.A. COUNTY IN TOPANGA CN. ON THE WEST WALL OF TOPANGA CN AND AT THE SUMMIT OF A TALL PEAK IN THE N.E. QUARTER OF SEC. # 6 T. 1.N. R 16 W.

TO REACH THIS STATION START AT JUNCTION OF THE OLD & NEW TOPANGA CN. ROADS, PROCEED 1.60 MILES NORTHERLY ALONG THE NEW TOPANGA CN RD TO "HILLSIDE DR" ON THE LEFT. THENCE 0.60 MI ALONG HILLSIDE DR TO END OF PAVEMENT & FORK; KEEP RIGHT THENCE PICK OWN ROUTE (NO WELL DEFINED ROAD) TO TOP OF PEAK (N.E. QUARTER OF SEC. #6 T. 1 N. R 16 W.

STATION MARK SET 1" I.P. W/ CONC CORE & BRASS NAIL 3" DN

REFERENCE MARK. NONE SET

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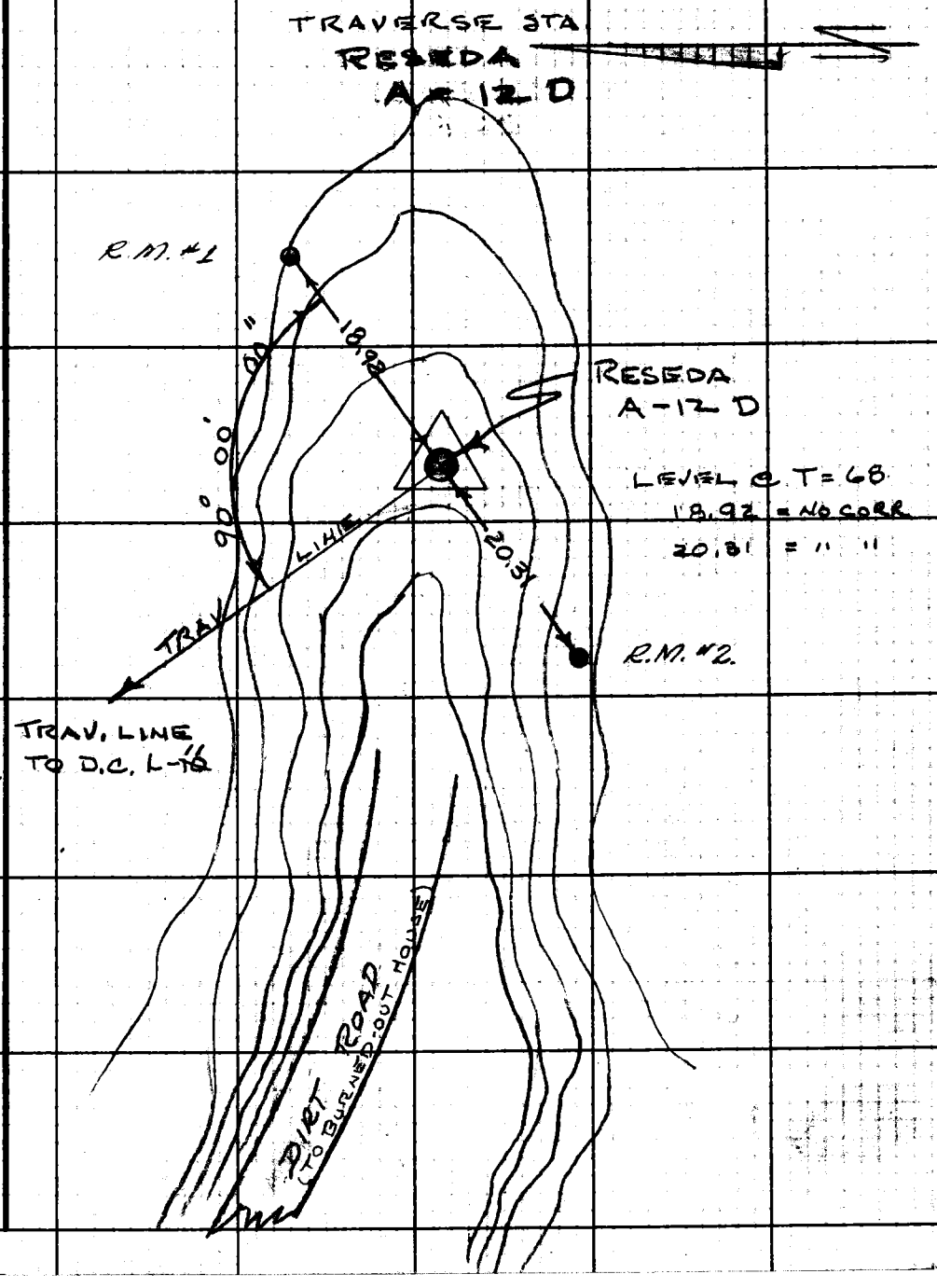
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No:	JN 0301.00 Tape 0193 Std 68 °F
Office Work	Surveyed by A. C. GUIZADO
Checked	Notes R D SMITH Date 4-4-63
Date	Indexed [redacted]

F. B. 2458 PG. 33

LA COUNTY SURVEY CONTROL SYSTEM



Notes: Any Additions or Changes on this Sheet Must be Made on Circled Sheet Bits. Ink With Date Placed Above. Sign. Dept. Div. Bldg. Making Changes. Sketch on Bus. Bosn. Card

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76F3095 CE #310 6-62

F. B 2458 PG 34

DESCRIPTIONS.
TRAVERSE STA.
RESEDA
A-12 D

THIS STATION IS IN L.A. COUNTY IN TOPANGA CN. ON THE WEST WALL OF TOPANGA CN. AND AT THE END OF A VACATED DIRT ROAD TO A BURNED-OUT HOUSE (ONLY STONE FIRE PLACE STANDING)

TO REACH THIS STATION START AT JUNCTION OF THE OLD & NEW TOPANGA CN. PROCEED 1.60 MILE NORTHERLY ALONG THE NEW TOPANGA CN. RD. TO "HILLSIDE DR" ON THE LEFT. THENCE 0.60 MILE ALONG HILLSIDE DR. TO END OF PAVEMENT & A FORK. KEEP LEFT PROCEED 0.05 TO FORK KEEP LEFT THENCE 0.10 TO STATION.

STATION MARK: SET 1" I.P W/ CONC CORE & BRASS NAIL DN 3"

REFERENCE MARK NO 1 SET 1" I.P W/ CONC CORE & BRASS NAIL FLUSH

REFERENCE MARK NO 2 SET 1" I.P. W/ CONC CORE & BRASS NAIL FLUSH

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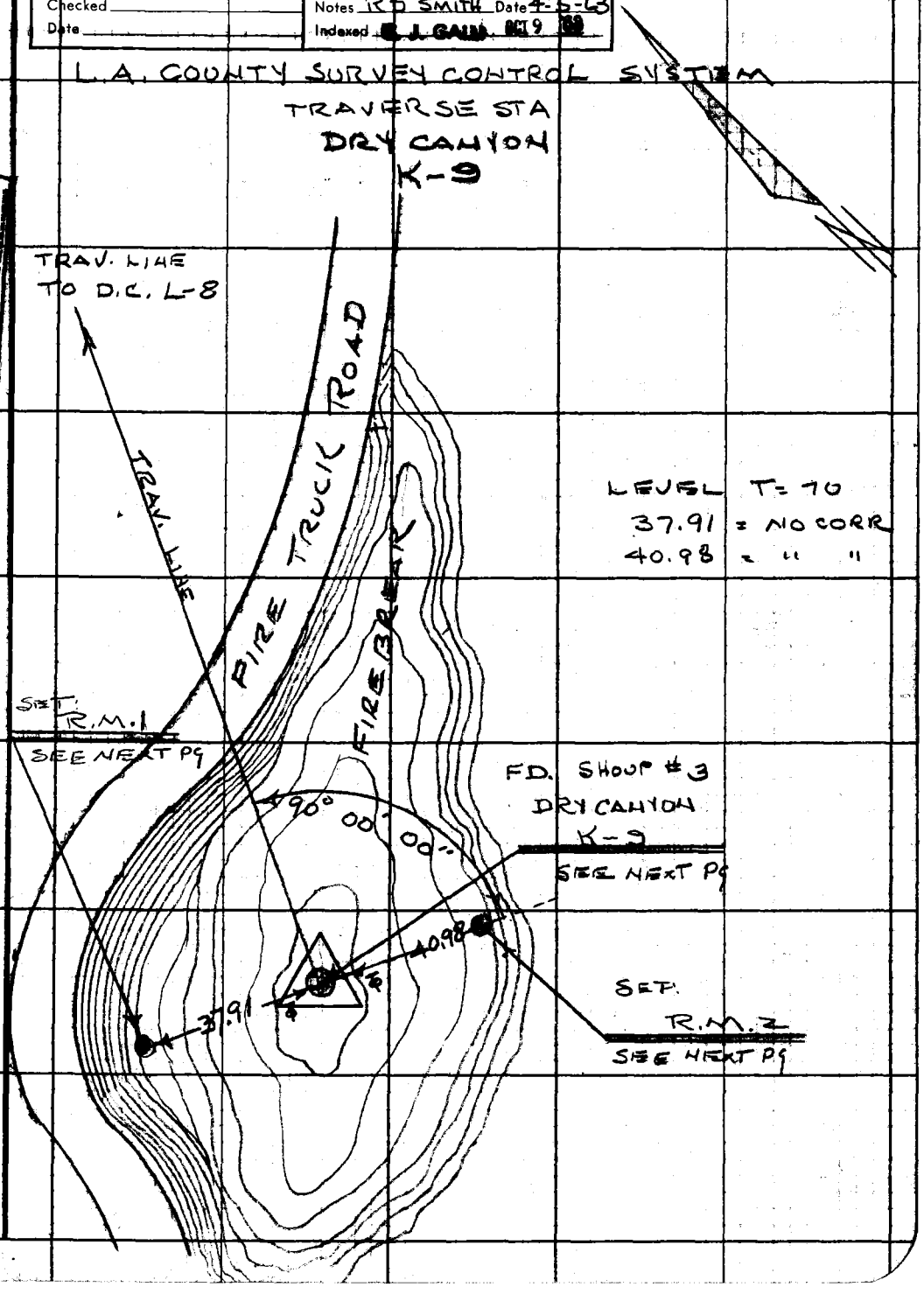
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN0301.00 Tape 0193 Std 68 °F
Office Work	Surveyed by A. G GUIZADO
Checked	Notes R D SMITH Date 4-5-63
Date	Indexed E. J. GALLI OCT 9 '63

F. B2458 PG. 35

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STA
DRY CANYON
K-9



Note: Any [illegible] Sheet Must [illegible] Ink With [illegible] Making Ch[illegible]

Plotted on Sta. Div. W.S. No. ____
Sketch on Geo. Desc. Card

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76F309S CE #310 6-62

F. B. 2458 PG. 36

DESCRIPTIONS
TRAVERSE STA.
DRY CANYON
K-9

THIS STATION IS IN L.A. COUNTY NEAR THE SUMMIT OF TOPANGA CN. RD. ON THE WEST WALL OF TOPANGA CN ON A FIREBREAK

TO REACH START AT THE SUMMIT OF TOPANGA CN. RD. (TOP-O-TOPANGA) AT A CABLE BARRICADE ("L" KEY) AT A FIRE TRUCK ROAD GOING WESTERLY. PROCEED 0.50 MILE TO A FORK; KEEP LEFT THENCE 0.60 MILE TO A PROMINATE KNOLL THENCE (HIKE) SOUTH EASTERLY. TO THE SUMMIT AND THE STATION.

STATION MARK: FOUND A 2½" CAP IN A 12" SLAB OF CONC. FLUSH AND STAMPED "SHOUP, NO. 3, LAND, 1956

REFERENCE MARK NO 1 SET 1" I.P. CONC. CORE & BRASS NAIL, FLUSH.

REFERENCE MARK NO 2. SET 1" I.P CONC. CORE, & BRASS NAIL, FLUSH.

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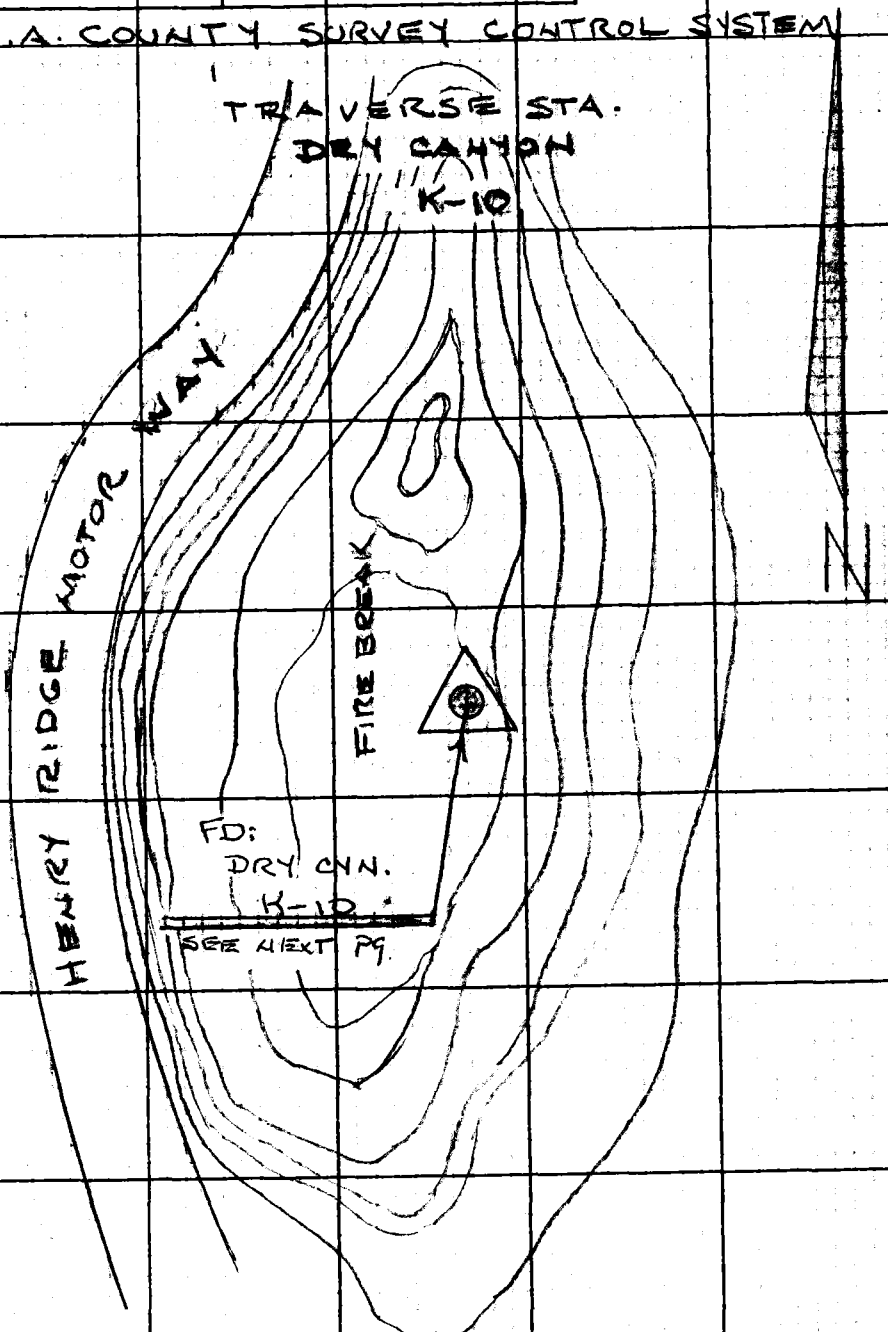
Notes Ck'd by	Survey of GEODETIC CONTROL F. BZ458 PG. 37
Map No.	JN0301.00 Tape Std °F
Office Work	Surveyed by A C GUIZADO
Checked	Notes R D SMITH Date 4-3-63
Date	Indexed C. J. GALLI OCT 9 '68

L.A. COUNTY SURVEY CONTROL SYSTEM



Notes: Any Additions or Changes Sheet Must be Ink With Date Making Change

Sketch on Geo. Desc. Card

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76F309S CE #310 6-62

F. B2458 PG 38

DESCRIPTIONS TRAVERSE STA. DRY CANYON

K-10

THIS STATION IS IN L.A. COUNTY ON THE WEST WALL OF TOPANGA CN. AND ON A FIREBREAK ALONG HENRY RIDGE MOTOR WAY

TO REACH. START AT THE INT. OF THE NEW TOPANGA CN. RD & THE OLD TOPANGA CN. RD. PROCEED 0.25 MILE TO A LEFT TURN

THENCE 0.20 MILE ALONG A PAVED ROAD PASSING A SCHOOL TO THE END OF PAVEMENT AND A CABLE BARRICADE ("L" KEY)

THENCE 1.10 MILES ALONG HENRY RIDGE ROAD TO A FORK KEEP LEFT AND PROCEED 2.90 MILES ALONG RIDGE TO THE TOP OF KNOLL. THENCE (HIKE) SOUTHERLY TO SUMMIT TO STATION

STATION MARK. FOUND. STD. CITY OF LOS ANGELES FIRST ORDER TRI. 4" BRASS CAP IN CONC. AND STAMPED: "D.C. K-10 1950

REFERENCE MARKS. NONE FD OR SET

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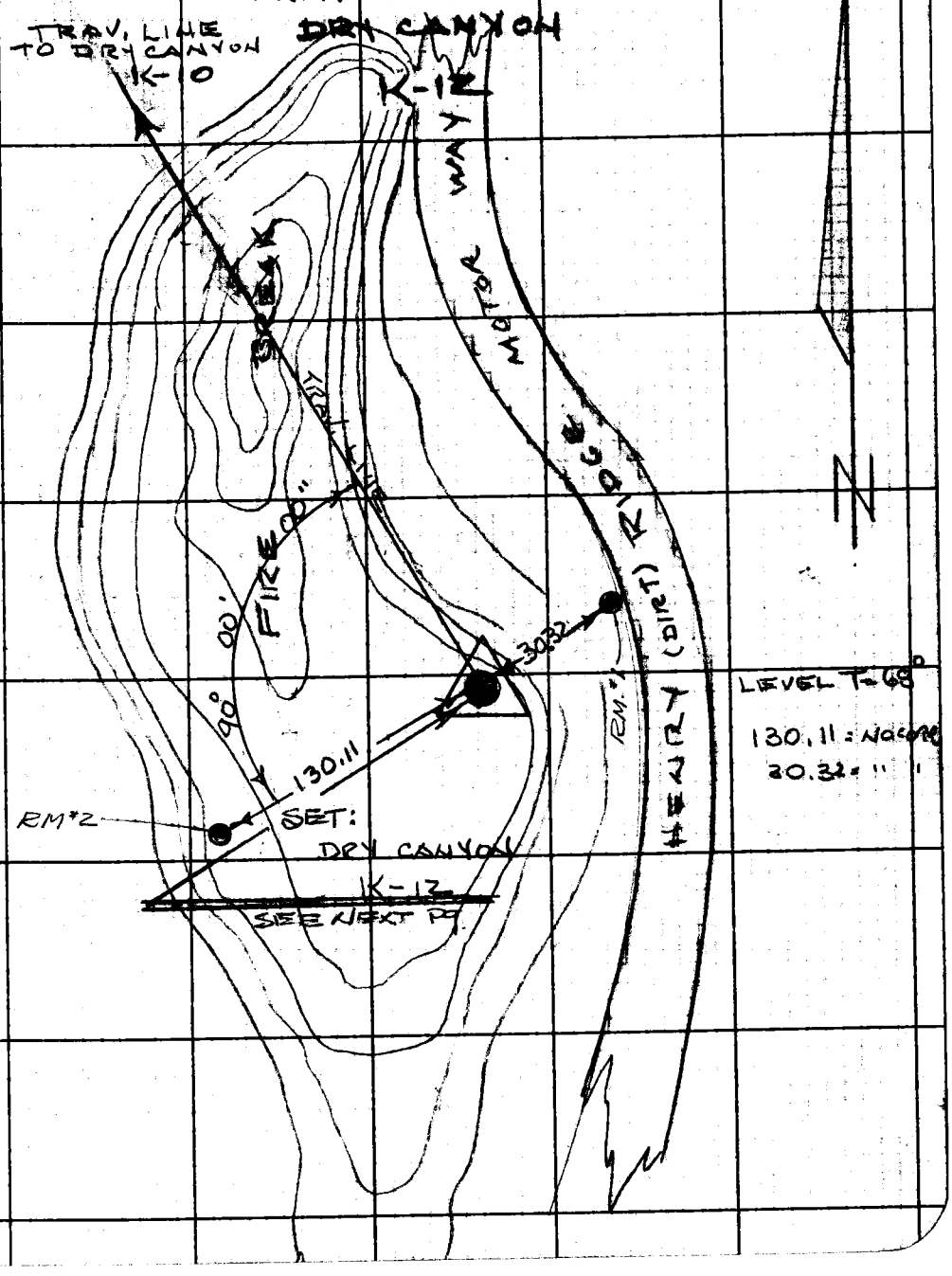
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 0193 Std 68 °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes R.D. SMITH Date 4-3-63
Date	Indexed R.J. GALLI

F. B 2458 PG. 39

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STA



Note: Any Additions or Changes in Sheet Must be Indexed on Cadastral Sheet Ink With Date and Name of Making Change. Do not Sub. Div. W.S. No. Sketch on Geo. Desc. Card

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76F3095 CE #310 6-62

F. B2458 PG 40

DESCRIPTIONS.
TRAVERSE.
STATION
DRY CANYON

K-12

THIS STATION IS IN L.A. COUNTY. ON THE WEST WALL OF TOPANGA CN. AND ON A FIREBREAR ALONG HENRY RIDGE MOTOR WAY.

TO REACH START AT THE INT. OF THE NEW TOPANGA CN. RD & OLD TOPANGA CN RD. PROCEED 0.25 MILE NORTHERLY ALONG NEW TOPANGA RD TO A LEFT TURN. THENCE 0.20 MILES ALONG A PAVED ROAD PASSING A SCHOOL TO THE END OF PAVEMENT AND A GABLE HARRIAGE ("L" KEY) THENCE 1.10 MILE ALONG HENRY RIDGE ROAD TO A FORK; KEEP LEFT AND PROCEED 0.30 MILE TO TOP OF RIDGE. THENCE (HIKE) ABOUT 850' SOUTHERLY ALONG FIRE BREAK TO STATION.

STATION MARK: SET 1" I.P W/CONC CORE & BRASS NAIL 3" DOWN

REFERENCE MARK NO 1 SET 1" I.P W/CONC CORE & BRASS NAIL (FLUSH)

REFERENCE MARK NO 2 SET 1" I.P W/CONC CORE & BRASS NAIL (FLUSH)

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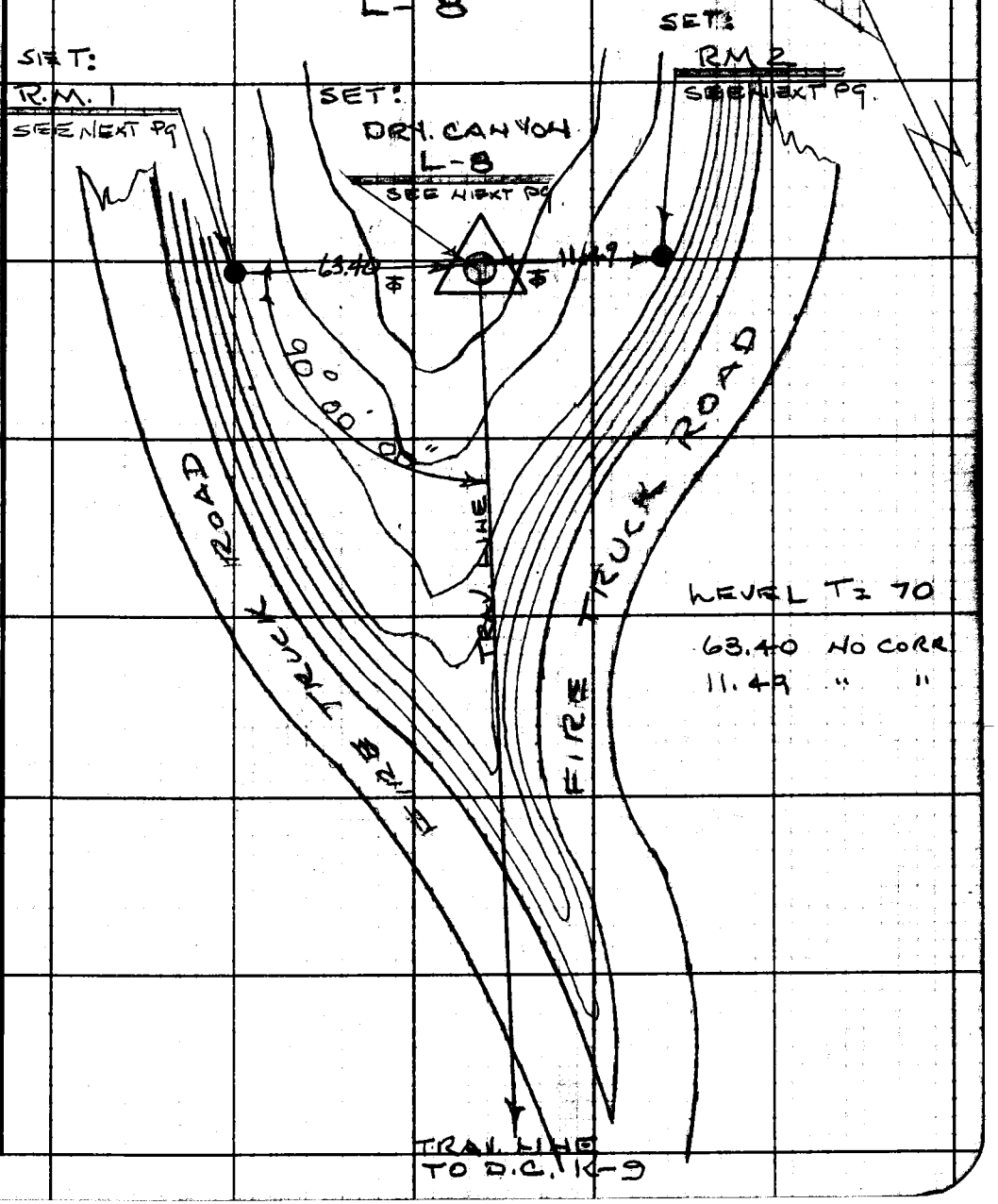
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 0193 Std 68 °F
Office Work	Surveyed by A.C. QUIZADO
Checked	Notes RD SMITH Date 4-5-63
Date	Indexed J. GALLI

F. B 2458 Pg. 41

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STA
DRY CANYON
L-8



Note: Any Revisions or Changes on this Sheet Must be Made of Checked on Red Ink With Paper and Name of S. Nelson Making Check on Geo. Desc. Card

Noted on Geo. Index Card

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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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76F309S CE #310 6-62

F. B. 2458 PG. 42

DESCRIPTIONS.
TRAVERSE STA.
DRY CANYON
L-8.

THIS STATION IS IN L.A. COUNTY. NEAR THE SUMMIT OF TOPANGA CN. RD. ON THE WEST WALL OF TOPANGA CN. ON A FIREBREAR ALONG. HENRY RIDGE.

TO REACH. START AT THE SUMMIT OF TOPANGA CN ROAD. (TOP-O-TOPANGA) AT A CABLE BARRICADE (L" KEY) AT A FIRE TRUCK ROAD GOING WESTERLY. PROCEED 0.50 MILE ALONG THIS ROAD TO A FORK. THENCE (HIKE) NORTHERLY ALONG FIREBREAK TO SUMMIT OF KNOLL AND STATION.

STATION MARK: SET 1" I.P. CONC. CORE W/ BRASS NAIL.

REFERENCE MARK NO1: SET 1" I.P. CONC CORE & BRASS NAIL FLUSH.

REFERENCE MARK NO 2 SET 1" I.P. CONC CORE & BRASS NAIL, FLUSH.

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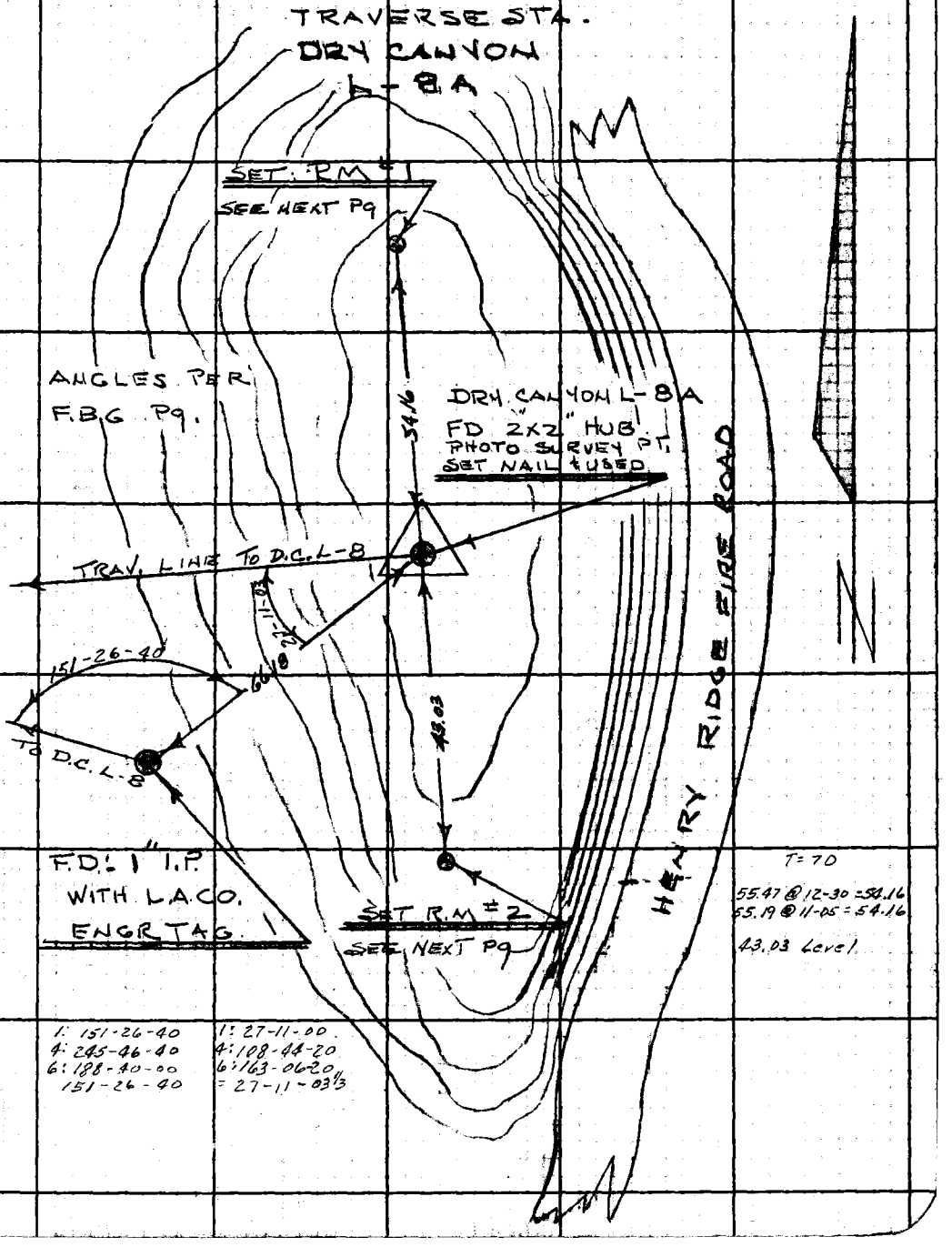
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 0193 Std 68 °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes R.D. SMITH Date 5-2-63
Date	Indexed E. J. GALLI 6-19-63

F. B 2458 Pg. 43

L.A. COUNTY SURVEY CONTROL SYSTEM



T=70

55.47 @ 12-30 = 54.16
55.19 @ 11-05 = 54.16

43.03 Level

1: 151-26-40
4: 245-46-40
6: 188-40-00
151-26-40

1: 27-11-00
4: 108-44-20
6: 163-06-20
= 27-11-03 1/3

Notes: Any Additions or Changes Shall Be Made in Accordance with Sheet Must Be Made in Accordance with Ink With Different Name of Person Making Change.

Sketch on Geo. Desc. Card

Note: Any Additions or Changes Shall Be Made in Accordance with Sheet Must Be Made in Accordance with Ink With Different Name of Person Making Change.

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76F3095 CE #3 0 6-62

F. B. 2458 PG. 44

DESCRIPTIONS
TRAVERSE STA
DRY CANYON
L-8A

THIS STATION IS IN L.A. COUNTY NEAR THE SUMMIT OF TOPANGA CN. RD ON THE WEST WALL OF TOPANGA CN. ON A FIRE BREAK ALONG HENRY RIDGE.

TO REACH START AT THE SUMMIT OF TOPANGA CN RD. (TOP-O-TOPANGA) AT A CABLE BARRICADE (L-KEY) AT A FIRE TRUCK GOING WESTERLY PROCEED 0.15 MILE ALONG THIS ROAD TO THE START OF A CUTBANK ON THE RIGHT THENCE (HIKE) WESTERLY 300'± TO THE TOP OF A KNOLL AND THE STATION.

STATION MARK: FOUND A 2"X2" HUB PAINTED WHITE (PHOTO-SURVEY PT.) SET NAIL IN CTR.

REFERENCE MARK NO. 1. SET 1" I.P. CONC CORE & BRASS NAIL FLUSH

REFERENCE MARK NO. 2. SAME AS REF. MARK NO 1

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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 0193 Std 68 °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes R.D. SMITH Date 4-4-63
Date	Indexed E. J. GALLI OCT 9 '63

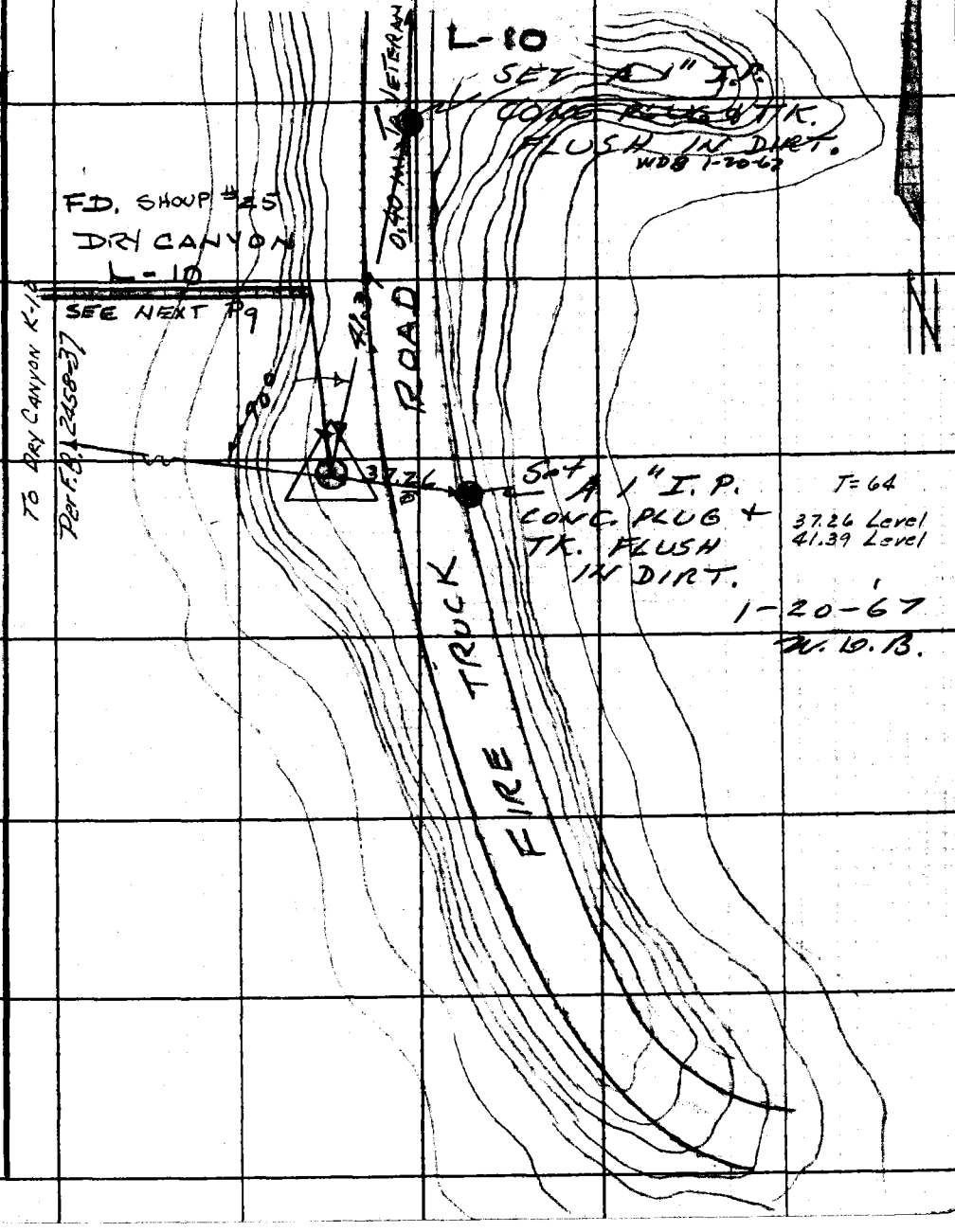
F. B 2458 PG. 45

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STA.

DRY CANYON

L-10



Noted on Geo. Index Cards on this Sheet. Information on Curved in Red Ink. With Date and Name of Person Making Change. Div. W.S. No. Sketch on Geo. Desc. Card

Note: Any Additions or Changes on this Sheet Information on Curved in Red Ink. With Date and Name of Person Making Change. Div. W.S. No. Sketch on Geo. Desc. Card

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76F3095 C.E. #310 6-62

F. B. 2458 PG. 46

DESCRIPTION
TRAVERSE
STATION
DRY CANYON

L-10

THIS STATION IS IN L.A. COUNTY NEAR THE SUMMIT OF TOPANGA CN RD. ON THE WEST WALL OF TOPANGA CN. ON A FIRE BREAK.

TO REACH START AT THE SUMMIT OF TOPANGA CN RD (TOP-O-TOPANGA) AT A CABLE BARRICADE ("L" KEY). AT A FIRE TRUCK ROAD GOING WESTERLY. PROCEED 0.50 MILE TO A FORK - KEEP LEFT THENCE 0.75 MILE TO JUNCTION OF HENRY RIDGE ROAD, PROCEED SOUTHERLY ON HENRY RIDGE RD. THENCE 0.15 MILE TO JUNCTION HENRY RIDGE RD & VETERAN SPRINGS RD. THENCE EASTERLY 0.15 ON VETERAN SPRINGS RD. TO FORK KEEP RIGHT 0.40 MILE TO TOP OF SMALL KNOB AND STATION.

STATION MARK: FOUND A 2½" CAP IN A 8" BLOCK OF CONC. FLUSH. AND STAMPED SHOUP ~~RD~~ 25 ~~LAND~~ L.S. 1956. A 1"x1½" COPPER TAG ATTACHED TO THE CONC. WITH A BRASS SCREW AND IS 0.22 N'LY. AND REFERENCE MARK NO 1 STAMPED "NOT ON SEC. LINE."

NONE SET

1-20-'67
W. O. B.

REFERENCE MARK NO 2

NONE SET

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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 127 Std 84 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes J. BAZEN Date 4-30-63
Date	Indexed C. J. GALLI

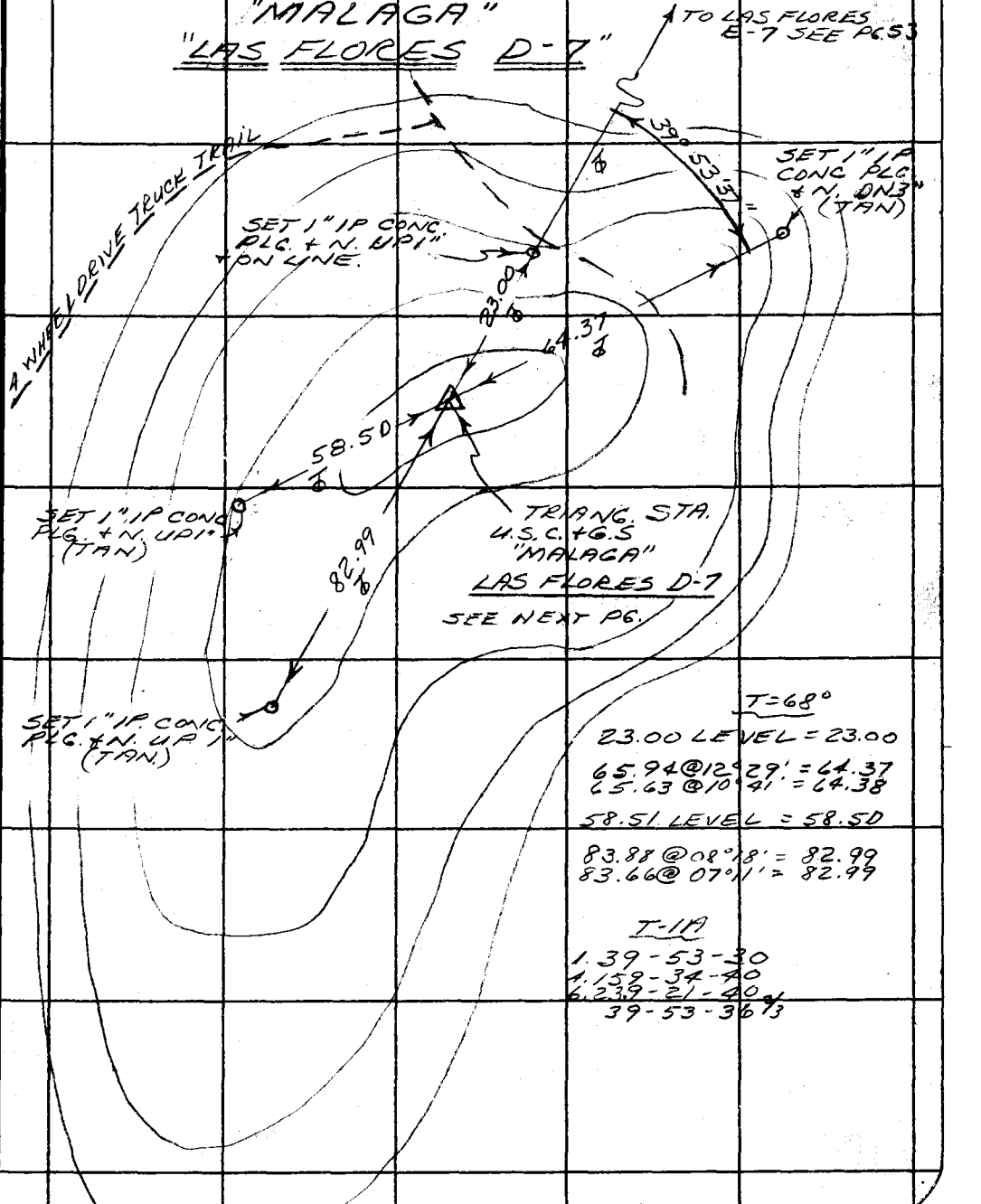
F. B. 2458 PG. 51

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

"MALAGA"

"LAS FLORES D-7"



T=68°

23.00 LEVEL = 23.00

65.94 @ 12°29' = 64.37
65.63 @ 10°41' = 64.38

58.51 LEVEL = 58.50

83.88 @ 08°18' = 82.99
83.66 @ 07°11' = 82.99

T-1A

1. 39-53-30
4. 159-34-40
6. 239-21-40
39-53-36 2/3

Note: Any Alloted on Checking Card This Sheet Must Be Made of Cycled Tin Red Ink With Background Lines Unscreen Making Charges. Stretch on Dec. Dec. Card

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76F3095 CE # 310 3-61

F. B. 2458 PG. 52

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
"LAS FLORES D-7"
(U.S.C. & G.S. "MALAGA")

THIS STATION IS IN THE COUNTY OF LOS ANGELES IN THE "RANCHO MALIBU, TOPANGA SEQUIT" SO. OF SEC. 28. (R17W-T1S). AND ON TOP OF A RIDGE N.E. OF THE MALIBU SPORTS PIER (1/2 MI ±). THIS STATION CAN BE REACHED BY TRAVELING N'LY FROM THE PACIFIC COAST HWY 0.3 MI. ON "SWEETWATER CN. RD" (PRIVATE RD) TURN LEFT ACROSS BUILDING SITE & PROCEED UP (4 WHEEL DRIVE) TRUCK TRAIL 0.4 MI. TO JUNCTION, TURN RIGHT 200' ± TO STATION. THIS STATION IS PROTECTED BY A STD. CO. ENGR. YELLOW MARKED PIPE 3' N'LY.

STATION MARK:

FD. A 4" U.S.C.+G.S. TRIAN. STATION FLUSH AND STAMPED, "MALAGA, 1862" (NO REF)

REFERENCE MARKS:

NONE SET OTHER THAN TIES SET PER SKETCH.

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

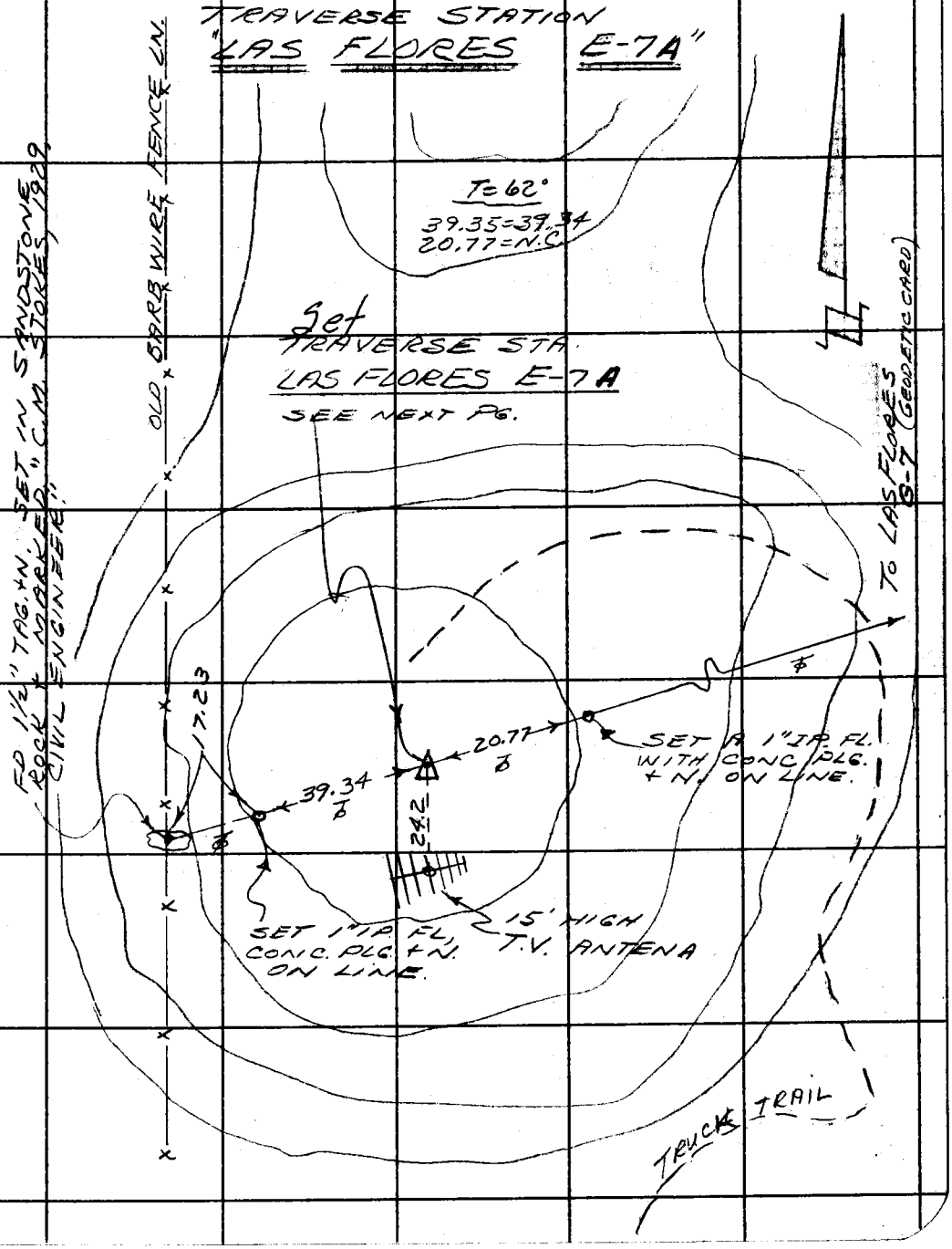
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 127 Std 84 °F
Office Work	Surveyed by W.D. BAY
Checked	Notes J. BAZEN Date 4-25-63
Date	Indexed C. J. GALLI OCT 9 '63

F. B. 2458 PG. 53

L.A COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

"LAS FLORES E-7A"



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

Noted on Geo. Index Card

Sketch on Geo. Desc. Card

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

76F3095 CE # 310 3-61

V-

F. B. 2458 PG. 54

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
LAS FLORES E-7A

THIS STATION IS IN THE COUNTY OF LOS ANGELES (R17W - T1S) IN THE CARBON BEACH AREA. IT CAN BE REACHED BY TRAVELING WLY ON PACIFIC COAST HWY FROM CARBON CANYON RD. 0.6 MI. ± TURN RT. UP TRUCK TRAIL (E'LY SIDE OF MALIBU SANDS MOTEL) ± TRAVEL NLY 0.7 MI. TO STA. WHICH IS LOCATED ON A 100' DIA. ± FLAT MESA.

STATION MARK

SET A 1" IP. FLUSH WITH CONC. PLG. N ± OF TNG.

REFERENCE MARK.

NONE SET OTHER THAN TIES SHOWN PER SKETCH.

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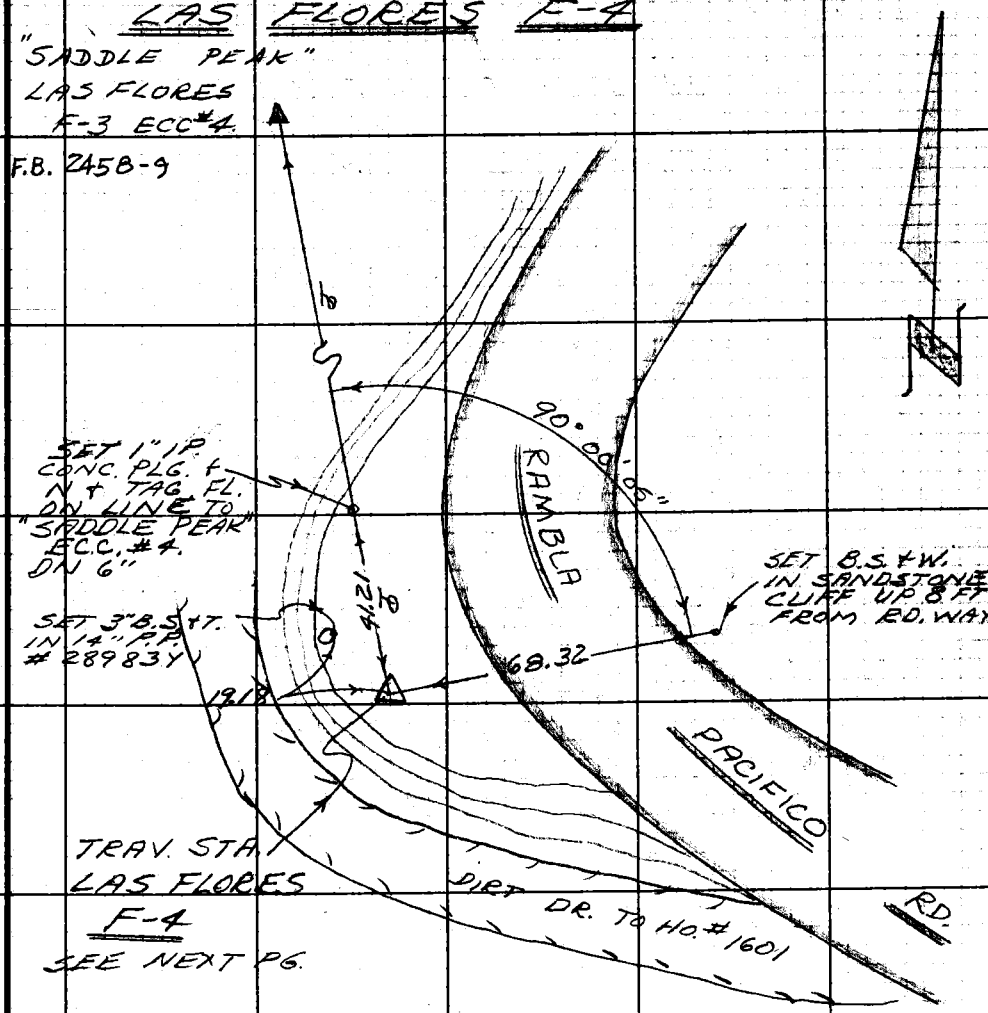
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 0187 Std 68 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes J. BAZEN Date 4-16-63
Date	Indexed E. J. GALM

F. B. 2458 PG. 55

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
LAS FLORES F-4



SEC. 22

T-1A	T=66°
1. 90-00-00	41.21=41.21
2. 180-00-10	19.18=19.18
90-00-05	68.32=68.32

Note: Any Accounts or Changes in Sheet Must be Placed on Drawing Sheets. Ink With Date and Name of Person Making Change. Sketch on Sur. Div. M.S. No.

Do not extend notes this side of this line.

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

76F309S CE #247—3-57

VV

F.B. 2458 Pg. 56

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
"LAS FLORES F-4."

THIS STATION IS IN THE COUNTY OF LOS ANGELES (R17W & T-1-S) IN THE S.W. 1/4 OF SEC. 22. ON RAMBLA PACIFICO ROAD. ± 30' W. OF W. EDGE OF PAVMT. IT CAN BE REACHED BY TRAVELING N'LY. ON RAMBLA PACIFICO 3.85 MI. FROM THE PACIFIC COAST HWY. THIS STA. IS PROTECTED BY A CO. ENG'R. YELLOW MARKER PIPE 5' W'LY.

STATION MARK:

SET A STD. 4" BRASS CAP TRAV. MON IN CONC. 3" BELOW SURFACE & STAMPED "LAS FLORES F-4. 1963, R.E. 5869."

REFERENCE MARKS:

NONE SET OTHER THAN TIES SHOWN ON SKETCH.

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

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

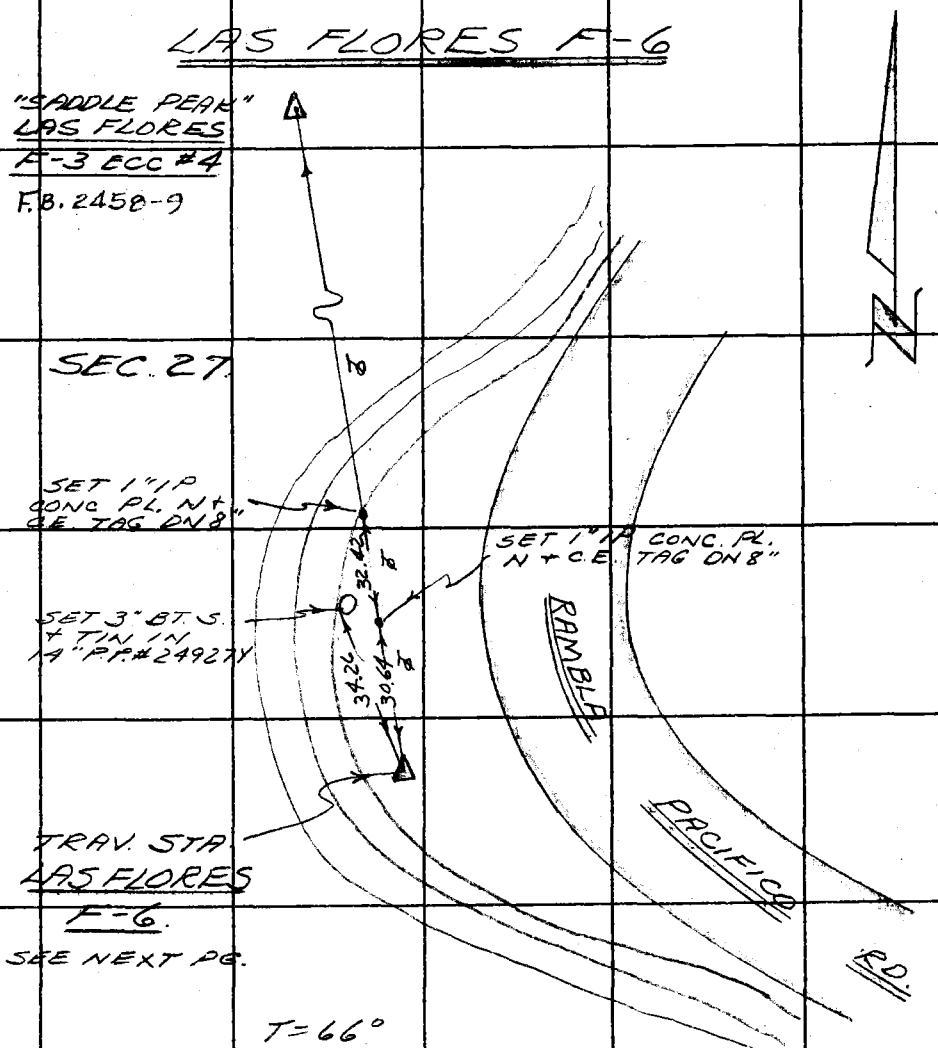
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 0187 Std 68 °F
Office Work	Surveyed by W.D. BAY
Checked	Notes J. BAZEN Date 4-17-63
Date	Indexed C. J. GALLI OCT 9 '63

F. B. 2458 PG. 57

L.A COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

LAS FLORES F-6



T = 66°

32.42 / 30.64 = NO CH.

34.26 NO. CH.

Noted on Gen. Index Card
Sketch on Gen. Desc. Card

Note: Any Additions or Changes on this Sheet Must be Placed in Circle with Ink With Date and Name Initials Making Change.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76F309S CE # 310 3-61

F. B 2458 PG 58

L.A COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
"LAS FLORES E-6"

THIS STATION IS IN THE COUNTY OF LOS ANGELES (R17W - T1S) IN THE N.W. 1/4 OF SEC. 27 + ON THE W. SIDE OF RAMBLA PACIFICO RD. IT CAN BE REACHED BY TRAVELING N'LY ON RAMBLA PACIFICO RD. 2.70 MI. FROM THE PACIFIC COAST HWY. THIS STA. IS PROTECTED BY A STD. CO. ENG'R. YELLOW MARKER PIPE 5' W'LY.

STATION MARK:

SET A STD 3" BRASS CAP TAN'T. MON. IN CONC. 4" BELOW SURFACE + STAMPED, "LAS FLORES E-6, 1963, R.E. 5869."

REFERENCE MARKS:

NONE SET OTHER THAN TIES SHOWN ON SKETCH.

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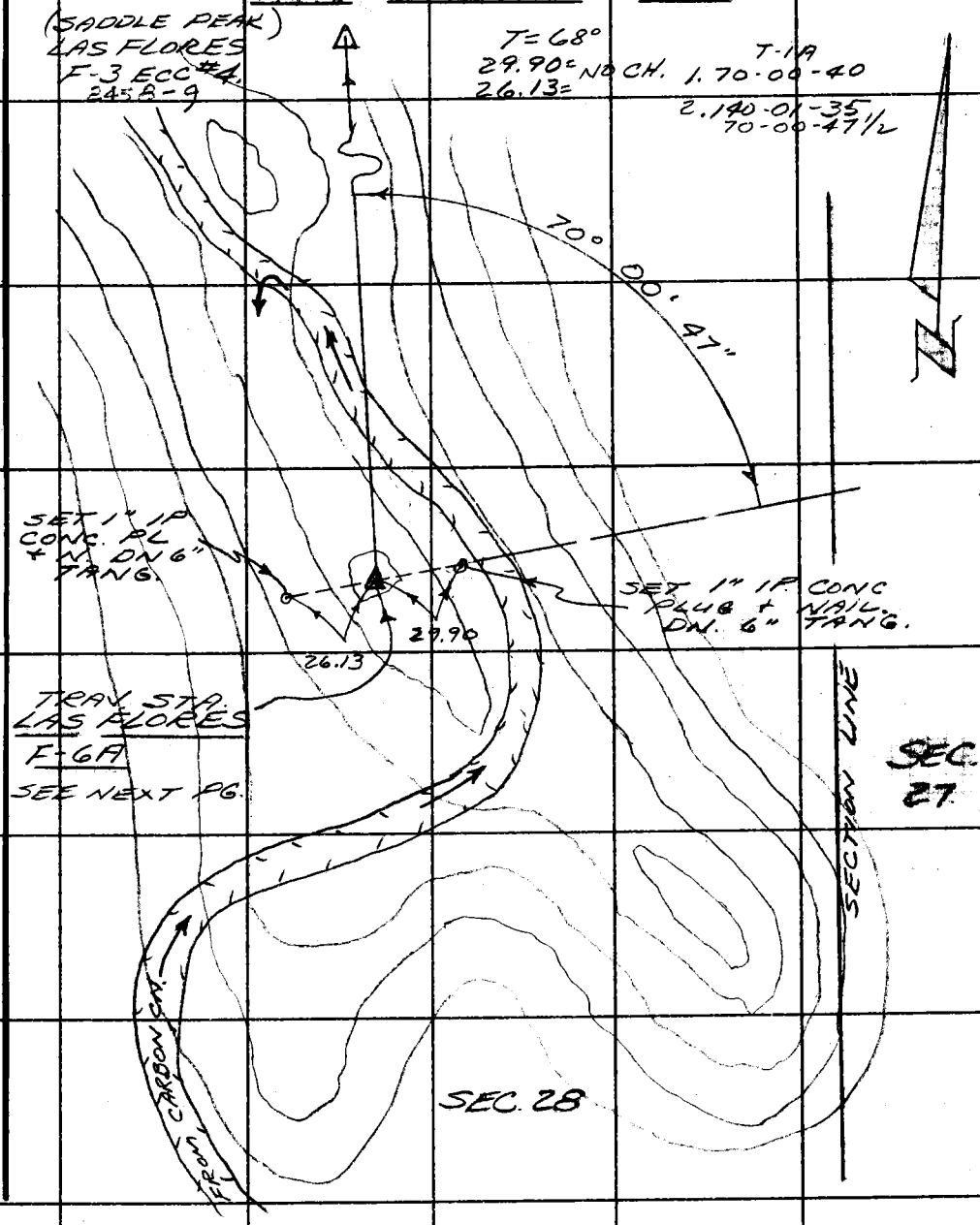
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of GEODETIC CONTROL	F. B. 2458 PG. 59
Map No.	JN 0301.00 Tape 0187 Std 68 °F	
Office Work	Surveyed by W. D. BAY	
Checked	Notes J. BAZEN Date 4-23-63	
Date	Indexed [illegible] J. GALLI OCT 9 '63	

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION
LAS FLORES F-6A



Note: Any additions or changes [illegible] Sheet Must [illegible] Ink With Date and Name of Person Making Change [illegible]

Do not extend this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE # 310 3-61

VV

F. B. 2458 PG 60

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
"LAS FLORES F-6A"

THIS STATION IS IN THE COUNTY OF LOS ANGELES (R17W-T1S) S.E. 1/4 OF SEC. 28 ON TOP OF A LG. ROCK (4'x4') ON A RIDGE 50'± W. OF FIRE RD. + CAN BE REACHED BY TRAVELING NLY ON CARBON CN. RD. 0.5 MI. FROM THE PACIFIC COAST HWY. THEN SWING RT. + FOLLOW DIRT DRIVE 0.5 MI. UNTIL YOU CROSS OVER LAST WOODEN BRIDGE, THEN SWING LEFT UP FIRE RD. 0.5 MI. TO STATION.

STATION MARK:

SET N + C.E. TAG. IN SANDSTONE BOULDER ON A FIRE BREAK UP 12"

REFERENCE MARKS:

NONE SET OTHER THAN TIES SHOWN ON SKETCH.

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

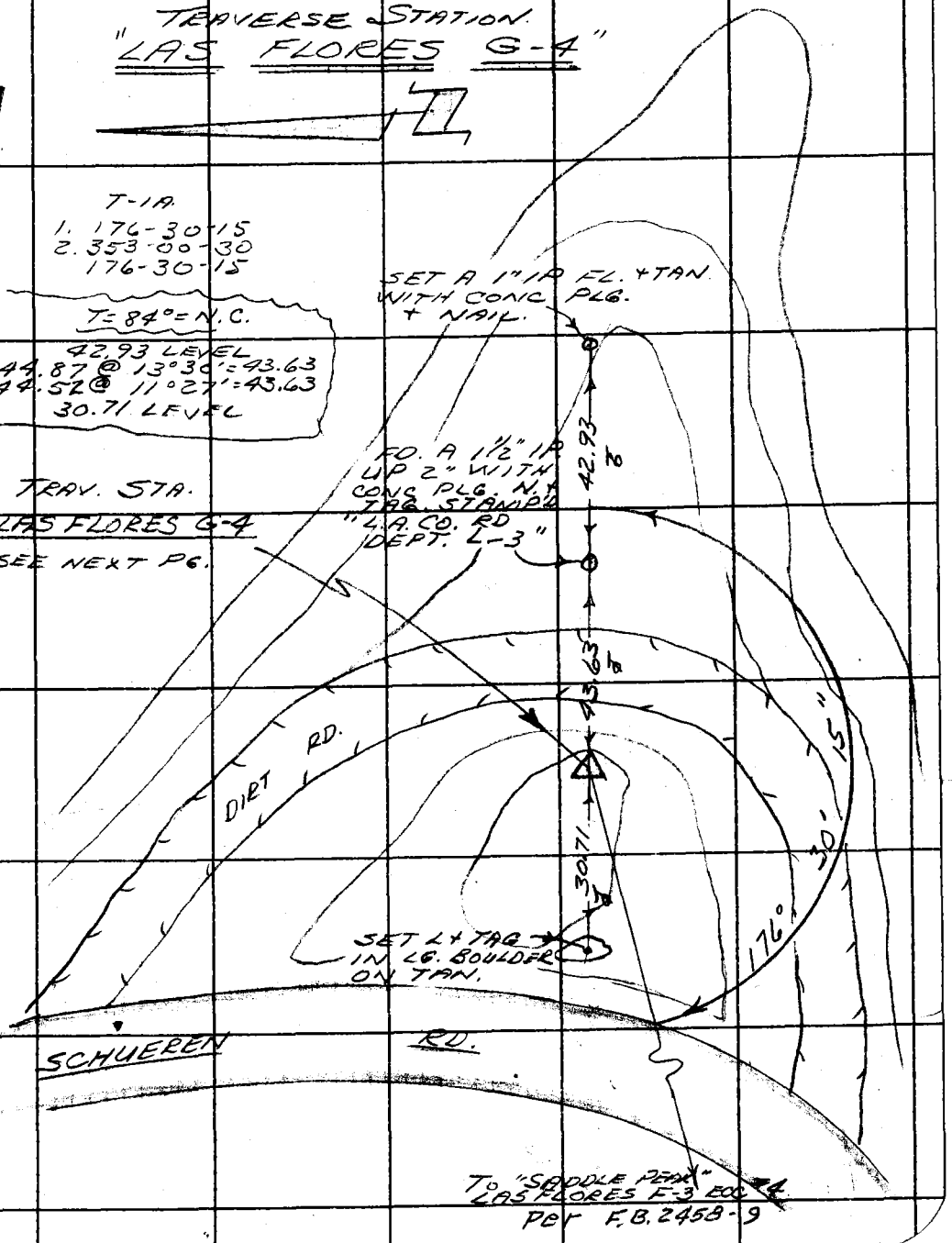
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301-00 Tape 127 Std 84 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes J BAZEN Date 4-29-63
Date	Indexed R. J. GALLI OCT 9 '63

F. B. 2458 PG. 61

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

"LAS FLORES G-4"



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

Plotted on Sec. Inv. W.S. No. Sketch on Geo. Desc. Card

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
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76F309S CE # 310 3-61

VV

F. B 2458 PG. 62

L.A COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
"LAS FLORES G-4"

THIS STATION IS IN THE COUNTY OF LOS ANGELES (R10W T-5) IN THE S.E¼ OF SEC. 15. + ON A SMALL RIDGE ±50'± E. OF SCHUEREN RD. IT CAN BE REACHED BY TRAVELING N'LY. FROM INTERSECTION AT RAMBLA PACIFICO RD. 0.80 Mi. ON SCHUEREN RD. THEN TURN RT. ONTO SMALL DIRT RD. 100'±. THIS STATION IS PROTECTED BY A STD. CO. ENG'R. YELLOW MARKER PIPE 4' N'LY.

STATION MARK:

SET A STD. 4" BRASS CAP TRAV. MON IN CONC. FL. + SET IN A 7" SLEEVE + STAMPED "LAS FLORES G-4, 1963, R.E. 5869."

REFERENCE MARKS:

NONE SET OTHER THAN TIES SHOWN ON SKETCH.

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

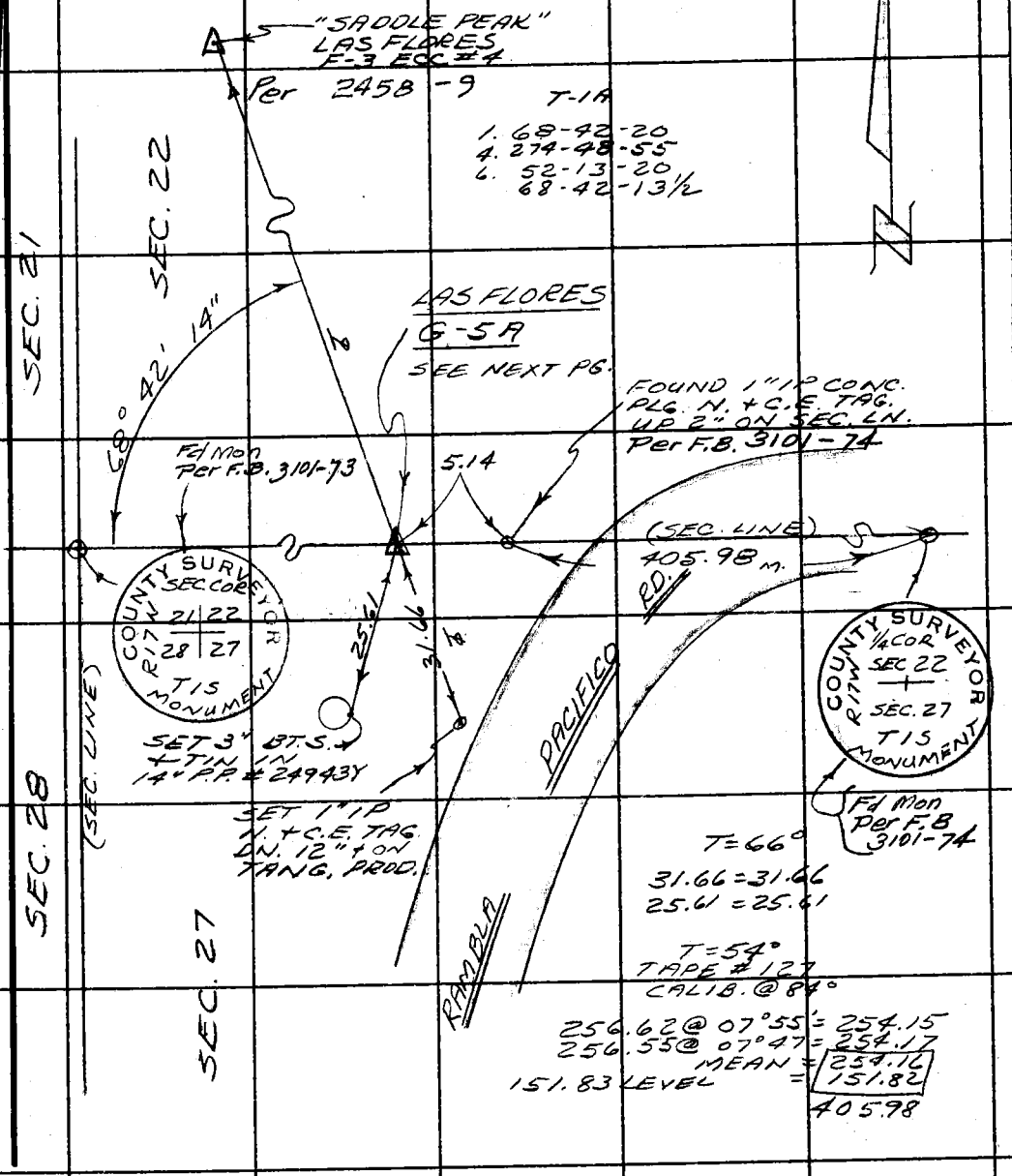
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 0187 Std 68 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes J. BAZEN Date 4-17-63
Date	Indexed G. J. GALLI OCT 9

F. B. 2458 PG. 63

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

LAS FLORES G-5A



Note: Any Additions or Changes on this Sheet Must be Made of Circle Grid Ink With Data Entered on Sec. Sheet Ink Making Changes. Sheet on Sec. Div. U.S. No. Sketch on Geo. Desc. Card

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76F3095 CE # 310 3-61

F. B. 2458 PG. 64

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
LAS FLORES G-5A

THIS STATION IS IN THE COUNTY OF LOS ANGELES (R17W - T1S) ON THE SEC. LINE BETWEEN SEC. 22 + 27. + ON THE W. SIDE OF RAMBLA PACIFICO RD. THIS STATION CAN BE REACHED BY TRAVELING N'LY ON RAMBLA PACIFICO RD. 3.15 MI. FROM THE PACIFIC COAST HWY. THIS STA. IS PROTECTED BY A STD. CO. ENG'R. YELLOW MARKER PIPE 5' S'LY.

STATION MARK:

SET A STD 3" BRASS CAP TRAV. MON. IN CONC. FLUSH + STAMPED, "LAS FLORES G-5A, 1963, R.E. 5869."

REFERENCE MARKS:

NONE SET OTHER THAN TIES SHOWN ON SKETCH.

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

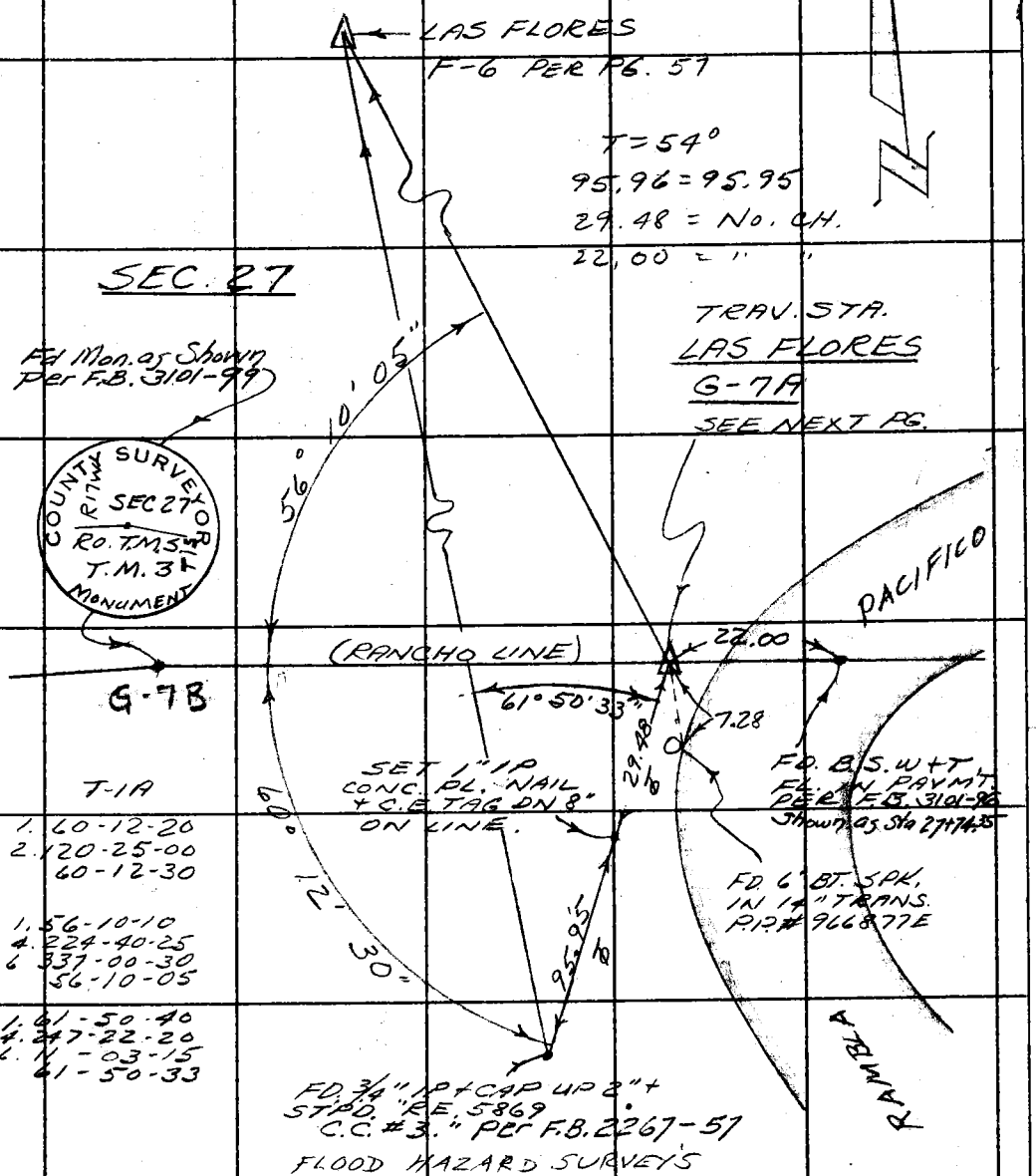
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 0187 Std 68 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes J. BAZEN Date 4-18-63
Date	Indexed E. J. GALLI OCT 9 '63

F. B. 2458 PG. 65

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

"LAS FLORES G-7A"



Note: Any Additional Information Concerning this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Changes. Sketch on Geo. Desc. Card

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
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76F309S CE # 310 3-61

VV

F. B. 2458 PG. 66

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
"LAS FLORES G-7A"

THIS STATION IS IN THE COUNTY OF LOS ANGELES (R17W-T1S) ON RANCHO LINE ON THE S. SIDE OF SEC. 27. + IS ON THE W. SIDE OF RAMBLA PACIFICO RD. IT CAN BE REACHED BY TRAVELING NLY ON RAMBLA PACIFICO RD. 1.55 MI. FROM THE PACIFIC COAST HWY. THIS STA. IS PRO-JECTED BY A CO. ENG'R YELLOW MARKER PIPE 5' SLY.

STATION MARK:

SET A STD. 4" BRASS CAP TOPY. MON. IN CONC. ON 3" ϕ STAMPED "LAS FLORES G-7A, 1963, R.E. 5869"

REFERENCE MARKS:

NONE SET OTHER THAN TIES SHOWN ON SKETCH.

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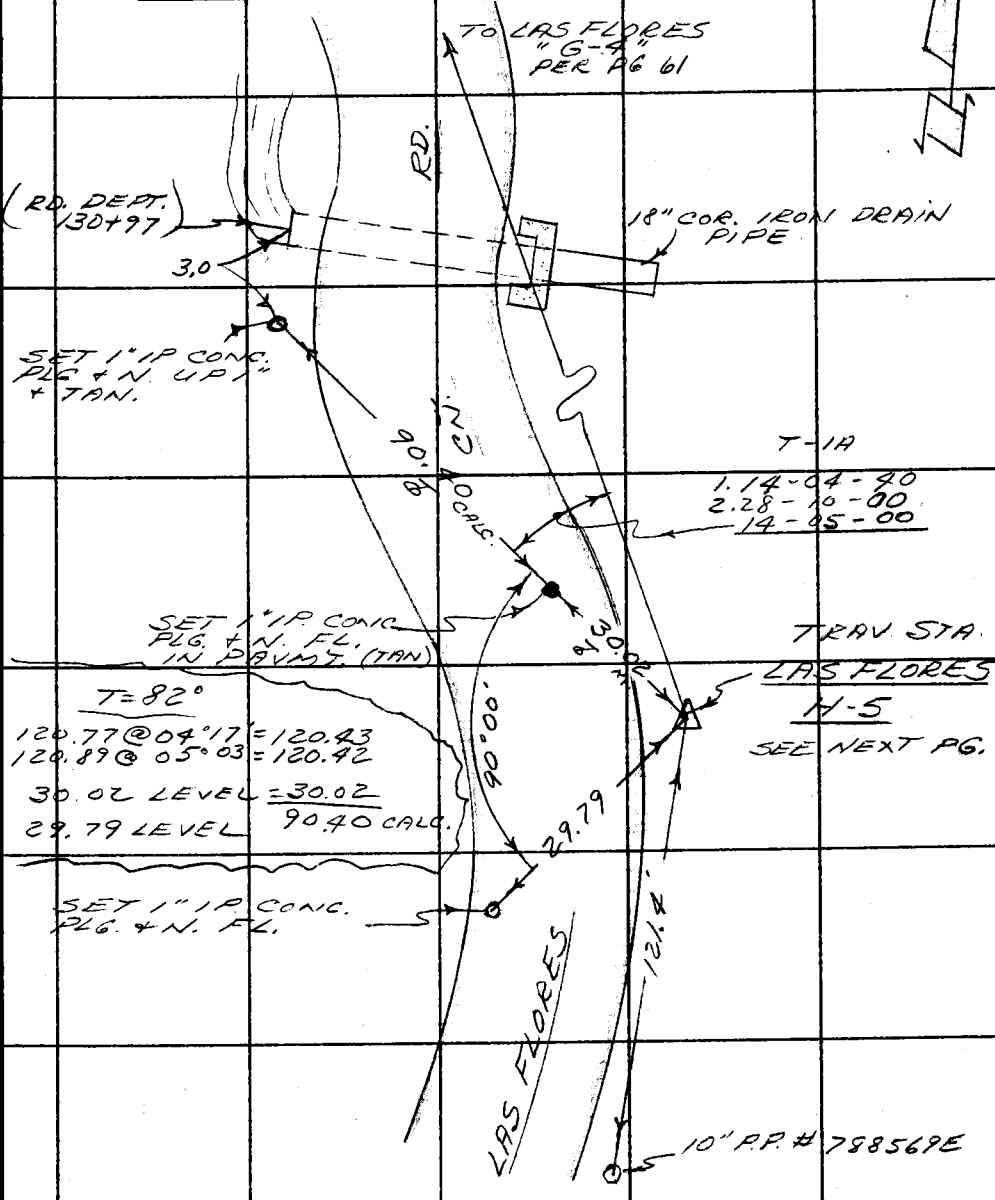
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 127 Std 84 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes J. BAZEN Date 4-29-63
Date	Indexed G. J. GALLI OCT 9 '63

F. B. 2458 PG. 67

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION "LAS FLORES H-5"



Note: Any additions or changes on this Sheet Must be Dept. Junior Card in Red Ink With Department's Name, Person Making Change.

Do not extend this side of this line.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE # 310 3-61

F. B. 2458 PG. 68

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
"LAS FLORES H-5"

THIS STATION IS IN THE COUNTY OF LOS ANGELES (R17W T1S) IN THE S.W. 1/4 OF SEC. 23. ± ON THE E. SIDE OF LAS FLORES CNT. RD. 3' ± FROM EDGE OF PAV. THIS STATION CAN BE REACHED BY TRAVELING N'LY FROM PACIFIC COAST HWY ON LAS FLORES CNT RD. 2.5 MI. TO STA. WHICH IS PROTECTED BY A STD. CO. ENG'R. YELLOW MARKER PIPE.

STATION MARK:

SET A STD. 4" BRASS CAP TRAV. MON. IN CONC. ON 3" ± STEEL PIPE "LAS FLORES H-5, 1963, R.E. 5869."

REFERENCE MARK:

NONE SET OTHER THAN TIES SHOWN ON SKETCH

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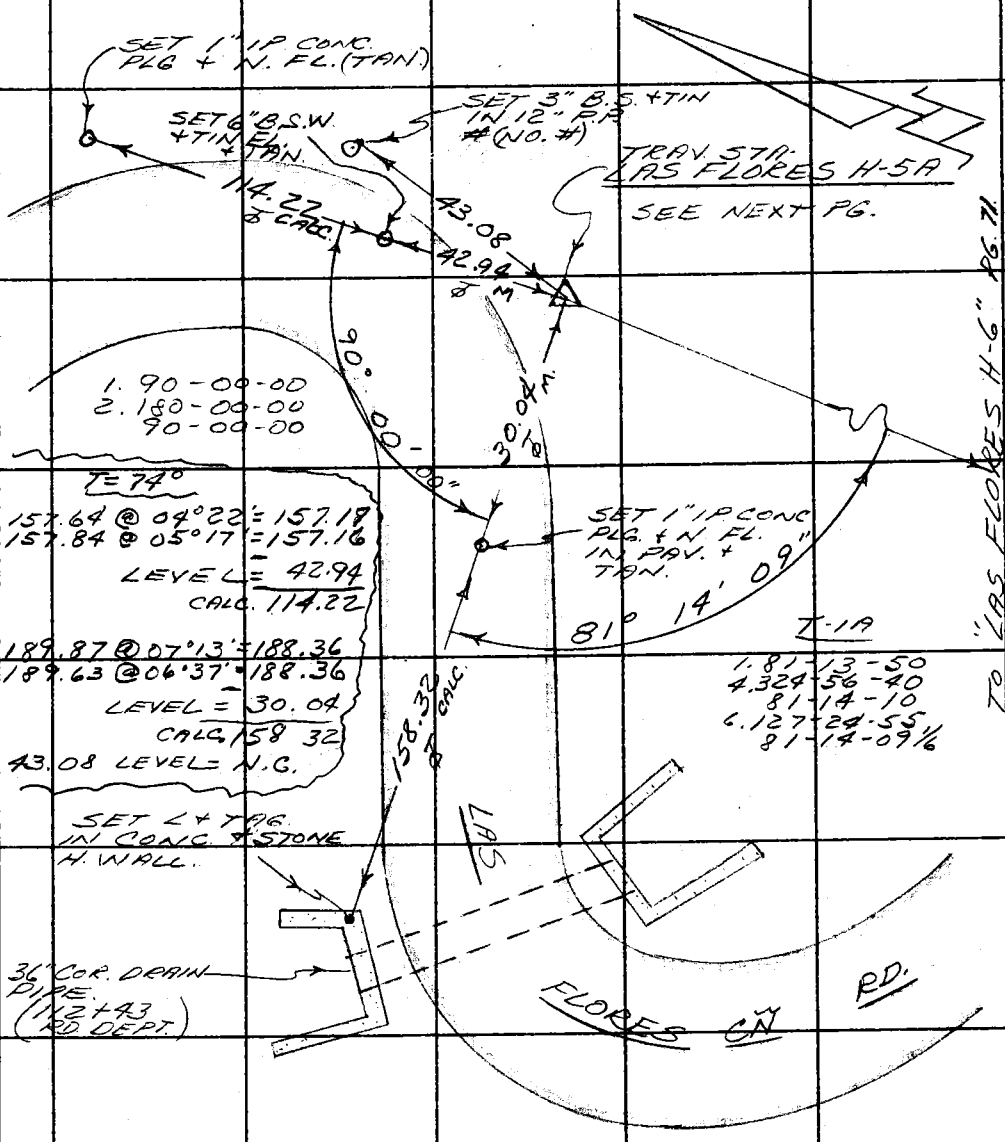
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of GEODETIC CONTROL	F. B. 2458 PG. 69
Map No.	JN 0301.00 Tape 127 Std 84 °F	
Office Work	Surveyed by W. D. BAY	
Checked	Notes J BAZEN Date 4-30-63	
Date	Indexed [illegible] J. GALLI [illegible] '63	

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

"LAS FLORES H-5A"



Note: Added on Geo. Index Card on this Sheet Must be Made or Printed in Red Ink With Date and Name of Person Making Changes. Sur. Div. W. S. No. ____

Sketch on Geo. Desc. Card

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76F309S CE # 310 3-61

✓✓

F. B. 2458 PG. 70

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

"LAS FLORES H-5A"

THIS STATION IS IN THE COUNTY OF LOS ANGELES (R17W - T1S) IN THE S.W. 1/4 OF SEC. 23. ALONG THE E. SIDE OF LAS FLORES CN. RD. 3' ± OFF THE E. EDGE OF PAVMT. THIS STATION CAN BE REACHED BY TRAVELING N'LY ON LAS FLORES CN. RD. 2.2 MI. FROM THE PACIFIC COAST HWY. THIS STATION IS PROTECTED BY A STD. CO. ENGR. YELLOW MARKER PIPE 4' S.W'LY.

STATION MARK:

SET A STD. 4" BRASS CAP TRAV. MON. IN CONC. EL 4[illegible] AND "LAS FLORES H-5A 1[illegible]"

REFERENCE MARK:

NONE SET OTHER THAN TIES SHOWN ON SKETCH.

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403 Los Angeles County Engineering Bldg.

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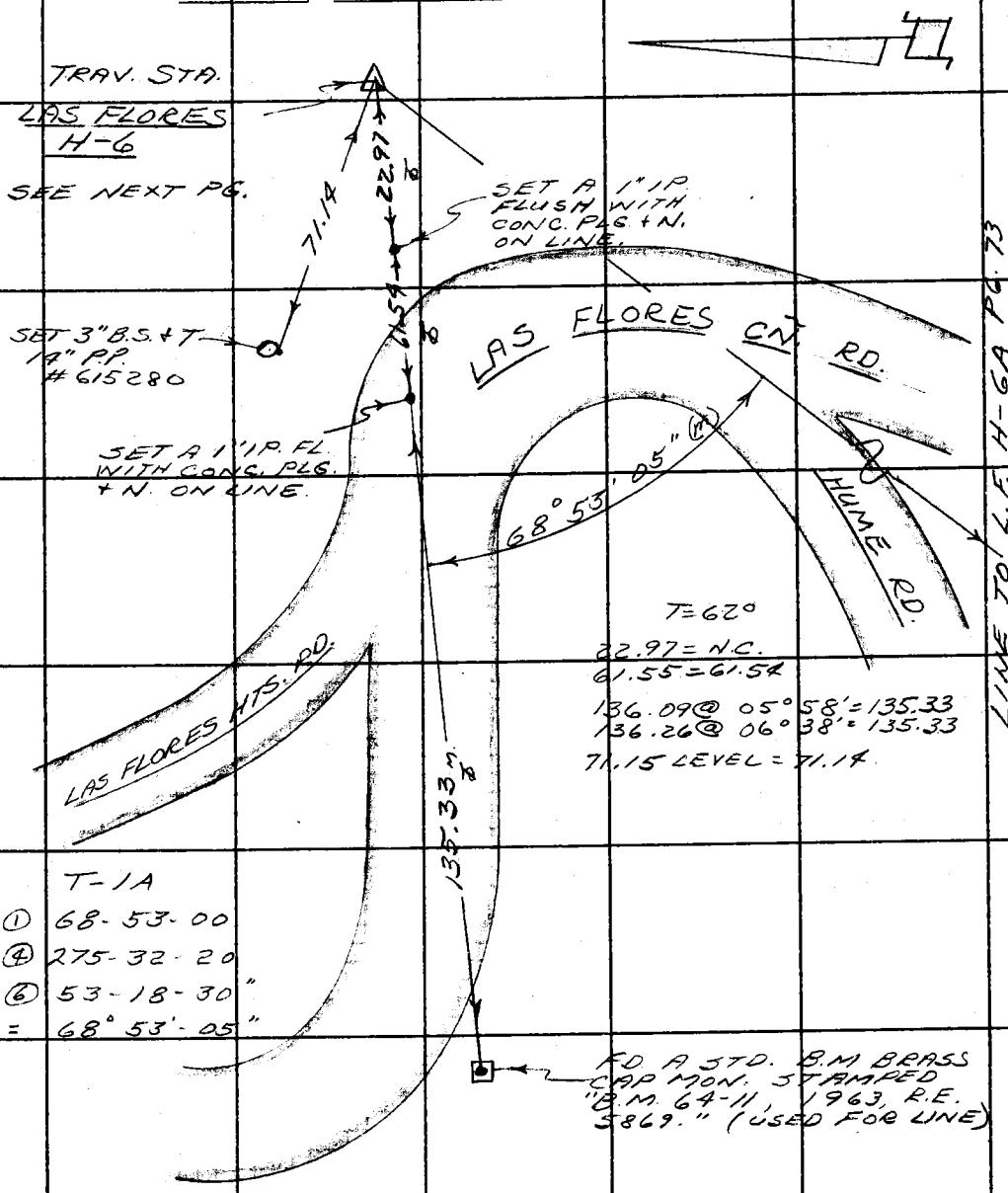
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 030100 Tape 127 Std 54 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes J. BAZEN Date 4-26-63
Date	Indexed C. J. GALLI OCT 9 '63

F. B 2458 PG. 71

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION "LAS FLORES H-6"



Note: Any Additional Sheet Must be Placed on Geo. Index Card Ink With Date and Name of Person Making Change. Placed on Ser. Div. W.S. No. Sketch on Geo. Desc. Card

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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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76F309S CE # 310 3-61

V V

F. B. 2458 PG. 72

L.A COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
"LAS FLORES H-6"

THIS STATION IS IN THE COUNTY OF LOS ANGELES (R17W - T1S) IN THE NW. 1/4 OF SEC. 26. AND IS LOCATED IN A PARKING AREA AT THE INTER. OF LAS FLORES CNTY RD. + HUME RD. IT CAN BE REACHED BY TRAVELING N'LY FROM THE PACIFIC COAST HWY ON LAS FLORES CNTY RD. 1.7 MI. + IS ON THE ELY SIDE OF INTER. + IS PROTECTED BY A STD. CO. ENGR. YELLOW MARKER PIPE 5' N'LY.

STATION MARK:

SET A STD. 3" BRASS CAP TYPE MON. IN CONC. FLUSH + STAMPED," LAS FLORES H-6, 1963, R.E. 5869."

REFERENCE MARKS:

NONE SET OTHER THAN TIES SHOWN ON SKETCH.

PLEASE RETURN TO
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403 Los Angeles County Engineering Bldg.
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Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

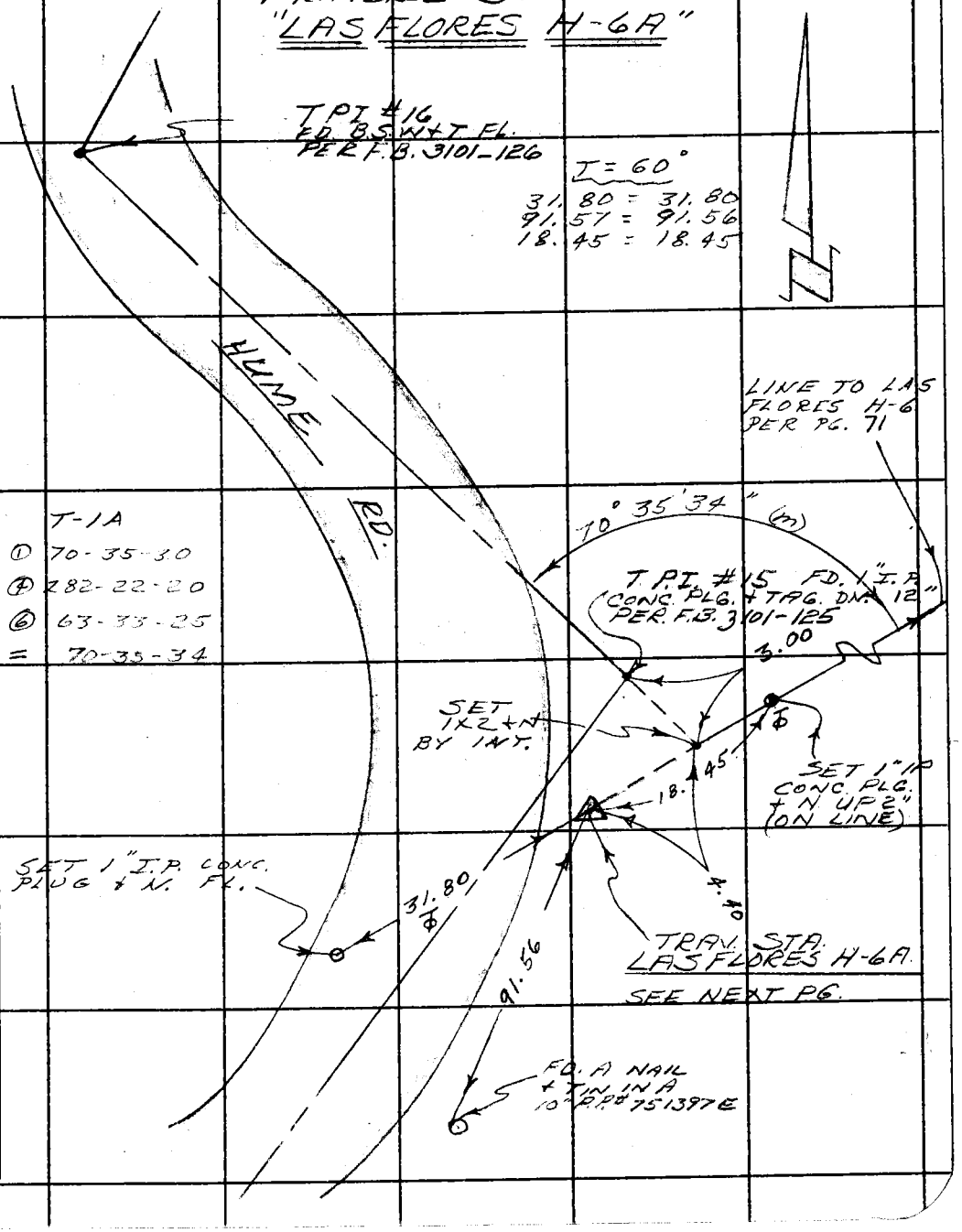
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 127 Std 84 °F
Office Work	Surveyed by W.D. BAY
Checked	Notes J. BAZEN Date 4-30-63
Date	Indexed E. J. GALLI OCT 9 '63

F. B. 2458 PG. 73

L.A COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

"LAS FLORES H-6A"



Note: Any [illegible] Sheet Must be Made of Tracing Ink With [illegible] Making [illegible] Sketch on Unn. Desc. Card.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
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76F309S CE # 310 3-61

VV

F. B. 2458 Pg 74

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
"LAS FLORES H-6A"

THIS STATION IS IN THE COUNTY OF LOS ANGELES (R17W-T1S) IN THE S.E. 1/4 OF SEC. 27 ± IS 3'± OFF THE E. EDGE OF HUME RD. THIS STATION CAN BE REACHED BY TRAVELING N.ELY FROM THE INT. OF RAMBLA PACIFICO RD. 0.30 MI. ON HUME RD. TO STATION. THIS STA. IS PROTECTED BY A STD. CO. ENG'R. YELLOW MARKER PIPE 4' SLY.

STATION MARK:

SET A STD 4" BRASS CAP TRAV. MON IN CONC. FLUSH. + STAMPED "LAS FLORES H-6A, 1963, RE. 5869."

REFERENCE MARKS:

NONE SET OTHER THAN TIES SHOWN ON SKETCH.

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

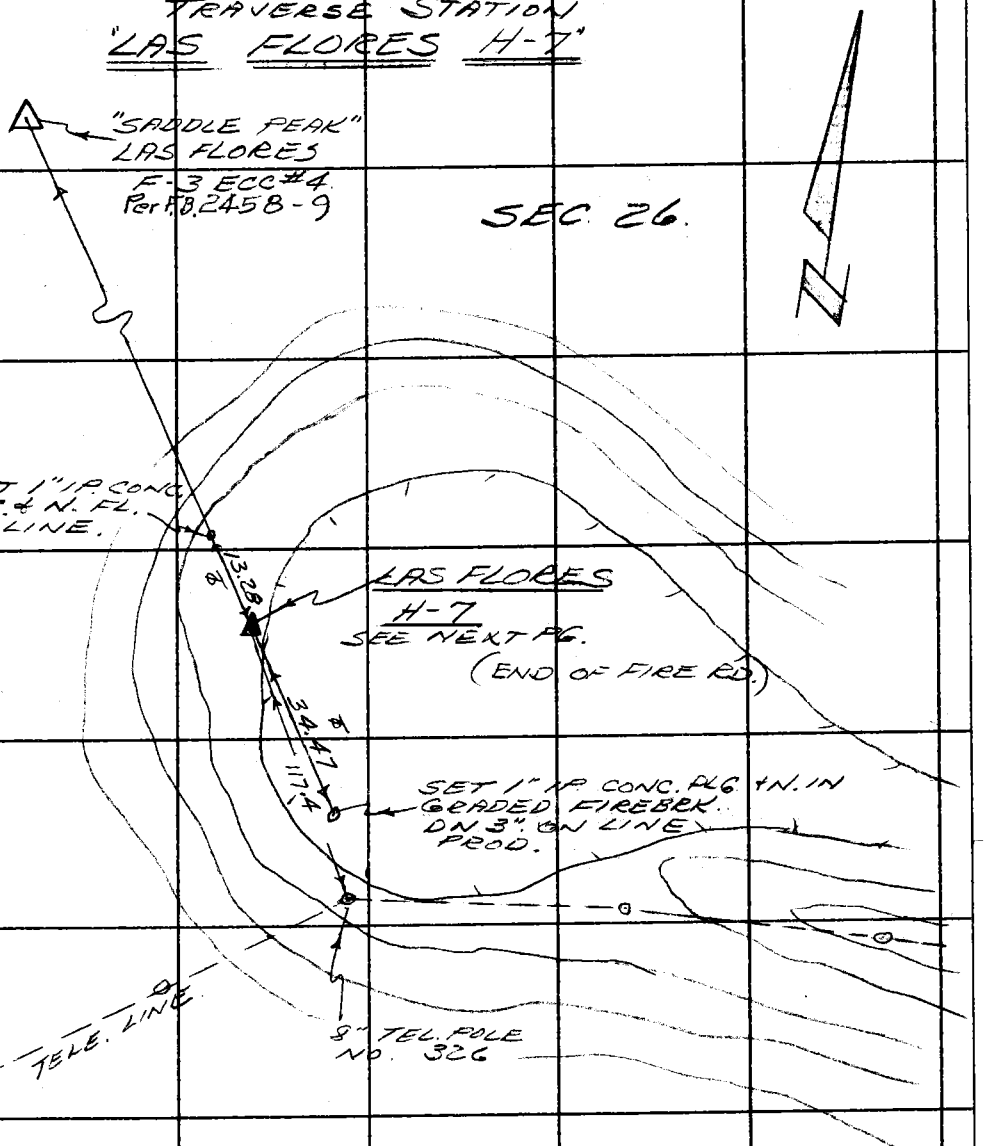
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301-00 Tape 0187 Std 68 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes J. BAZEN Date 4-23-63
Date	Indexed C. J. GALLI C. J. GALLI

F. B. 2458 PG. 75

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

"LAS FLORES H-7"



Note: Any Additions or Changes Sheet Must be Made or Checked on Sec. Ink With Date and Name of Person Making Change. Placed on Sec. Div. W.S. No.

Stated on Dec. Desc. Card

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76F309S CE # 310 3-61

VV

F. B. 2458 PG. 76

L.A COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
LAS FLORES H-7

THIS STA. IS IN THE COUNTY OF LOS ANGELES (R13W-T1S) S.W 1/4 OF SEC 26. + AT THE END OF A FIREBRK. THIS STATION CAN BE REACHED BY TRAVELING N'LY FROM THE PACIFIC COAST HWY ON BIG ROCK CAT D.R. 1.9 MI. TO BIG ROCK FIRE TRUCK TRAIL (GATE) FOLLOW FIRE RD. 0.5 MI. TO FIRE RD. INTER. TURN LEFT (W'LY) + FOLLOW THIS FIRE RD. TO VERY END (0.7 MI).

STATION MARK:

SET A 1" IP PLUG WITH LONG PLUG + C.E TAG.

REFERENCE MARKS:

NONE SET OTHER THAN TIES SHOWN ON SKETCH.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
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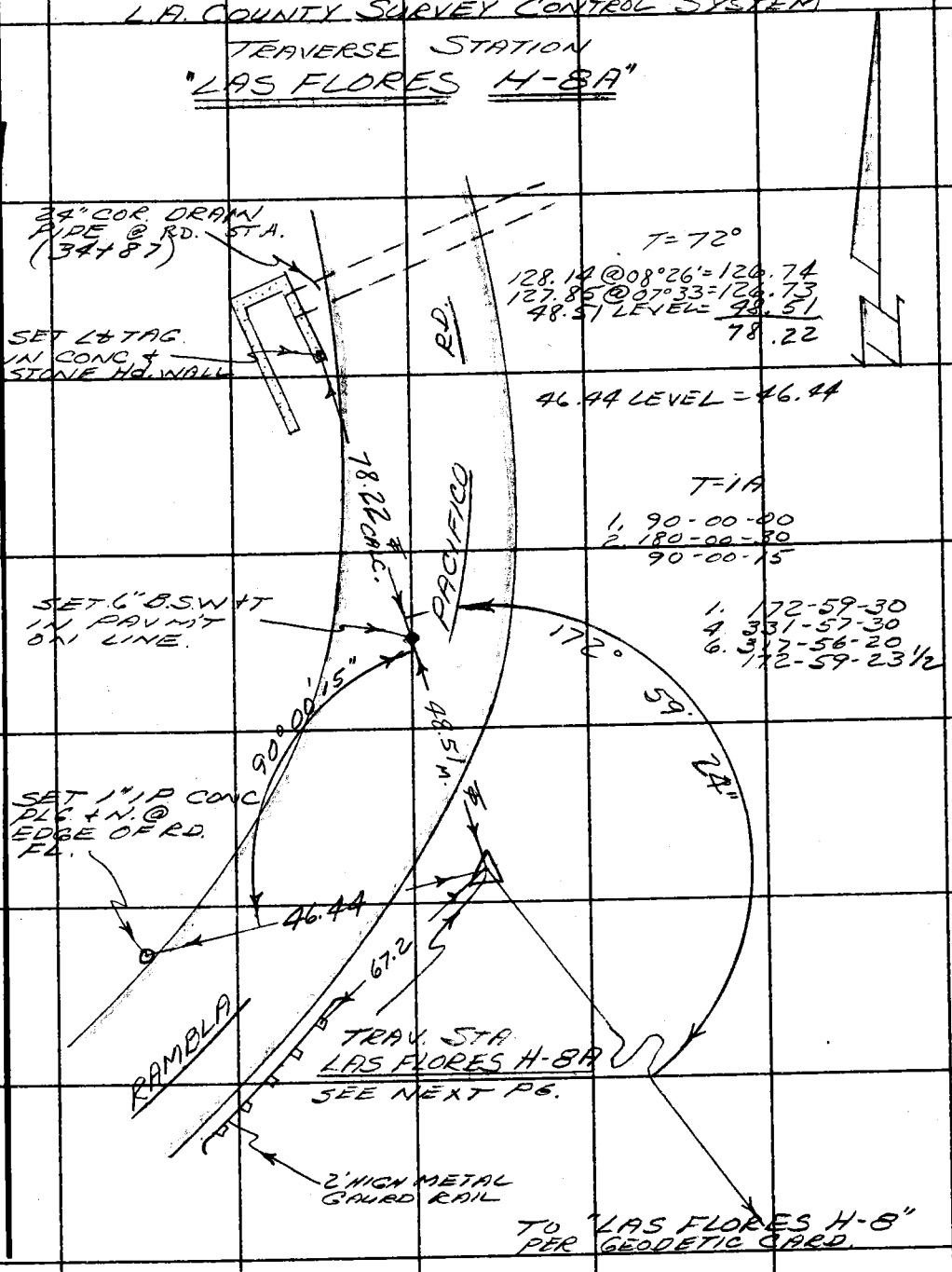
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of GEODETIC CONTROL	F. B. 2958 PG. 77
Map No.	JN 0301.00 Tape 127 Std 84 °F	
Office Work	Surveyed by W. D. BAY	
Checked	Notes J. BAZEN Date 4-30-63	
Date	Indexed C. J. GALLI OCT 9 '63	

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

"LAS FLORES H-8A"



Note: Any Additions or Changes on this Sheet Must Be Made Under Cap Red Ink With Dimensions Used in U.S.G.S. Quad. Sets Making Change. Sketch on Geo. Desc. Card

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
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V V

F. B. 2458 PG. 78

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
"LAS FLORES H-8A."

THIS STATION IS IN THE COUNTY OF LOS ANGELES, 600'± W. OF THE WEST LINE OF SEC. 35, T1S, R17W. & IS 10'± OFF THE ELY EDGE OF RAMBLA PACIFICO RD. IT CAN BE REACHED BY TRAVELING NLY FROM THE PACIFIC COAST HWY. ON RAMBLA PACIFICO RD. 0.70 MI. THIS STATION IS PROTECTED BY A STD. L.A.CO. YELLOW MARKER PIPE 4' S.W'LY.

STATION MARK:

SET A STD. 4" BRASS CAP TRAV. MON. IN CONC. FLUSH & STAMPED, "LAS FLORES H-8A, 1963, RE. 5869"

REFERENCE MARK

NONE SET OTHER THAN TIES SHOWN ON SKETCH.

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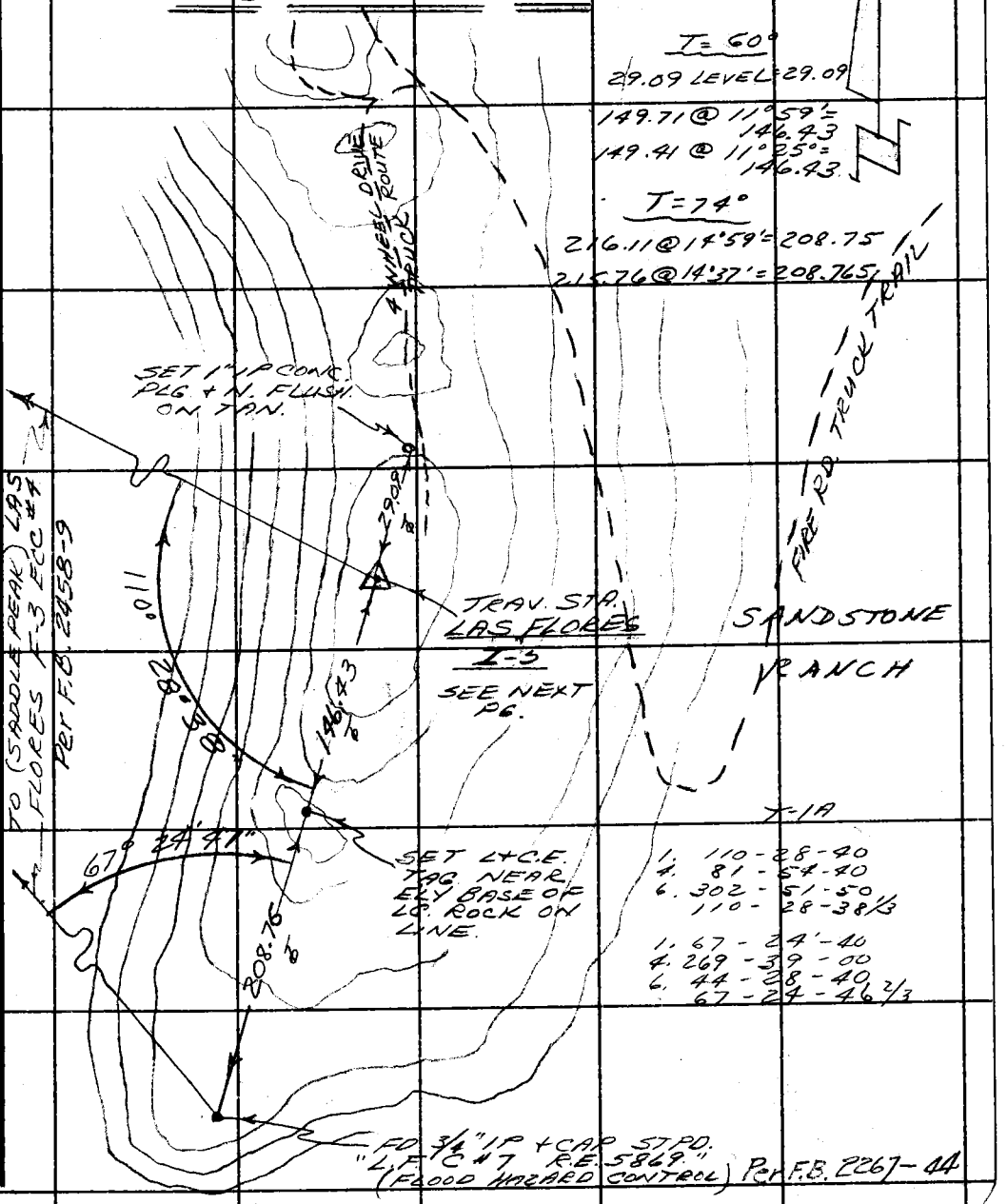
Notes Ck'd by	Survey of GEODETIC CONTROL	F. B. 2458 PG. 79
Map No.	JN 0301.00 Tape 127 Std 84 °F	
Office Work	Surveyed by W. D. BAY	
Checked	Notes J. BAZEN Date 4-23-63	
Date	Indexed E. J. GALLI OCT 9 '63	

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

LAS FLORES I-5



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V V

F. B. 2458 PG. 80

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
"LAS FLORES I-5"

THIS STATION IS IN THE COUNTY OF LOS ANGELES (R17W - T1S) IN THE CTR OF SEC 23. IT CAN BE REACHED FROM TUNA CYN. ROAD BY ENTERING "SANDSTONE RANCH" RD. (LOWER ENTRANCE) & DRIVING WLY 0.3 MI. TO FIRE RD. TAKE FIRE RD. 0.9 MI. TO INTERSECTION OF FIRE RDS. & TAKE FIRE RD. TO RT. PROCEED 0.2 MI. THEN TURN LEFT ON ANOTHER FIRE RD. PROCEED 0.75 MI. THEN SWING LEFT & PARK OR PROCEED SLY ON RIDGE WITH 4 WHEEL DRIVE TRUCK 300'±.
(ENTRANCE TO SANDSTONE RANCH IS ABOUT 1 MI. ± SLY OF SADDLEPEAK RD.)

STATION MARK:

FD. A 1½" IP UP 10" WITH WOOD PLG. & N & TAG. MARKED "L.A. CO. RD. DEPT. BV-6."

REFERENCE MARK:

NONE SET OTHER THAN TIES SHOWN ON SKETCH.

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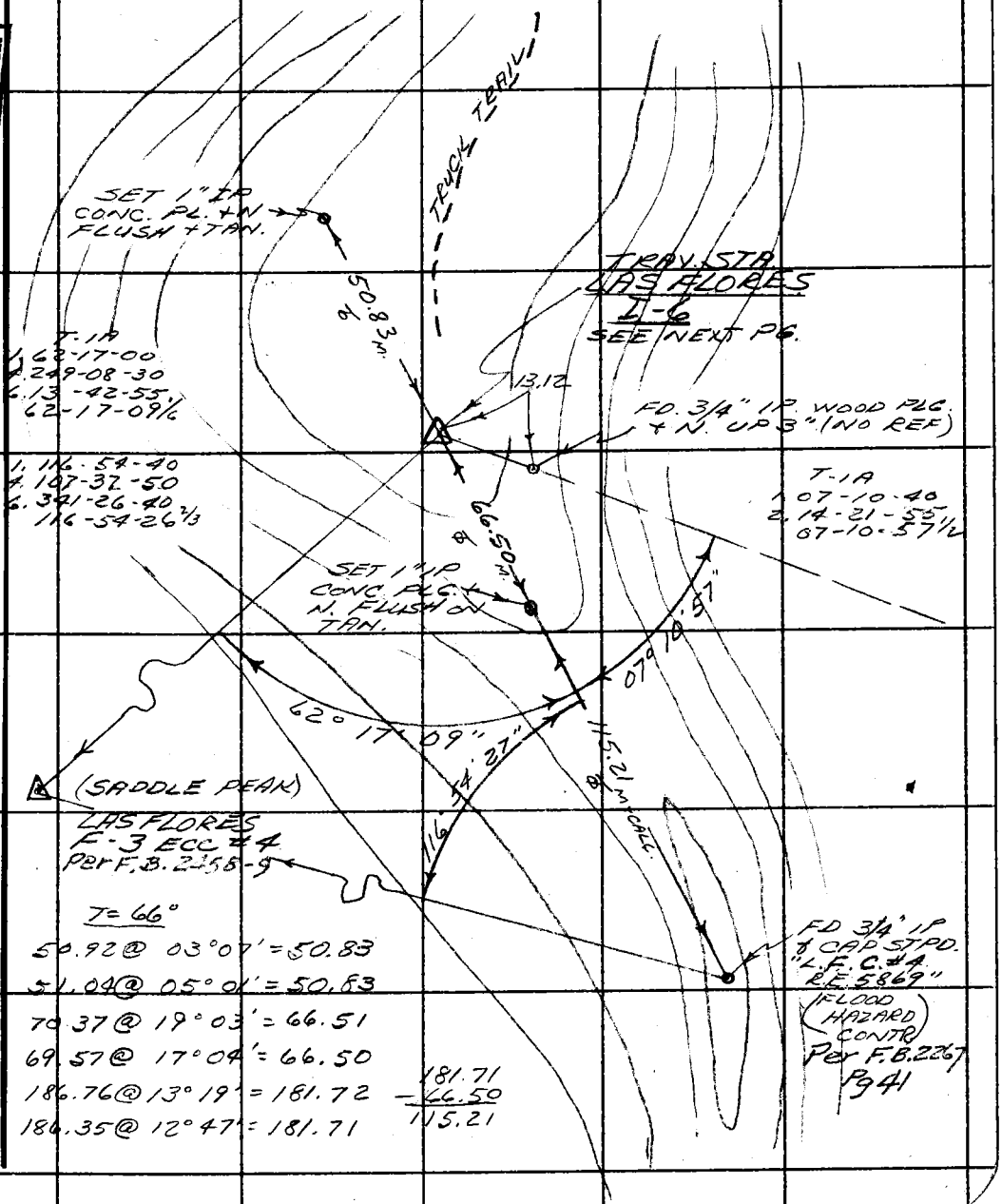
Office Work	Surveyed by W. D. BAY
Checked	Notes J. BAZEN Date 4-23-63
Date	Indexed C. J. GALLI

F. B. 2458 PG. 81

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

LAS FLORES I-6



T = 66°

50.92 @ 03°07' = 50.83

51.04 @ 05°01' = 50.83

70.37 @ 19°03' = 66.51

69.57 @ 17°04' = 66.50

186.76 @ 13°19' = 181.72

186.35 @ 12°47' = 181.71

181.71
− 66.50
115.21

Note: Any Sheet Mistake Made in Ink With Making Changes on this Sheet Mark Or Circle Red Ink With Dated Sign. Signature Checked on Sev. Inv. W. S. No. Sketch on Geo. Desc. Card

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F. B. 2458 PG. 82

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
"LAS FLORES I-6"

THIS STA. IS IN THE COUNTY OF LOS ANGELES (R17W - T1S) NEAR THE CTR. OF SEC. 26 + ON A RIDGE OVERLOOKING LAS FLORES CÑ. THIS STA. CAN BE REACHED BY TRAVELING N'LY FROM THE PACIFIC COAST HWY UP BIG ROCK CÑ. RD. 1.9 MI. TO BIG ROCK FIRE TRUCK TRAIL (GATE) FOLLOW FIRE RD. 0.7 MI. + SWING LEFT (W'LY) DOWN SMALL TRUCK TRAIL 0.4 MI. TO STATION.

STATION MARK

FD A 1½" IP [illegible] WITH [illegible] N + TAG. MARKED "L.A. CO., BV-3, RD. DEPT."

REFERENCE MARKS.

NONE SET OTHER THAN TIES SHOWN ON SKETCH.

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Office Work	Surveyed by W. D. BAY
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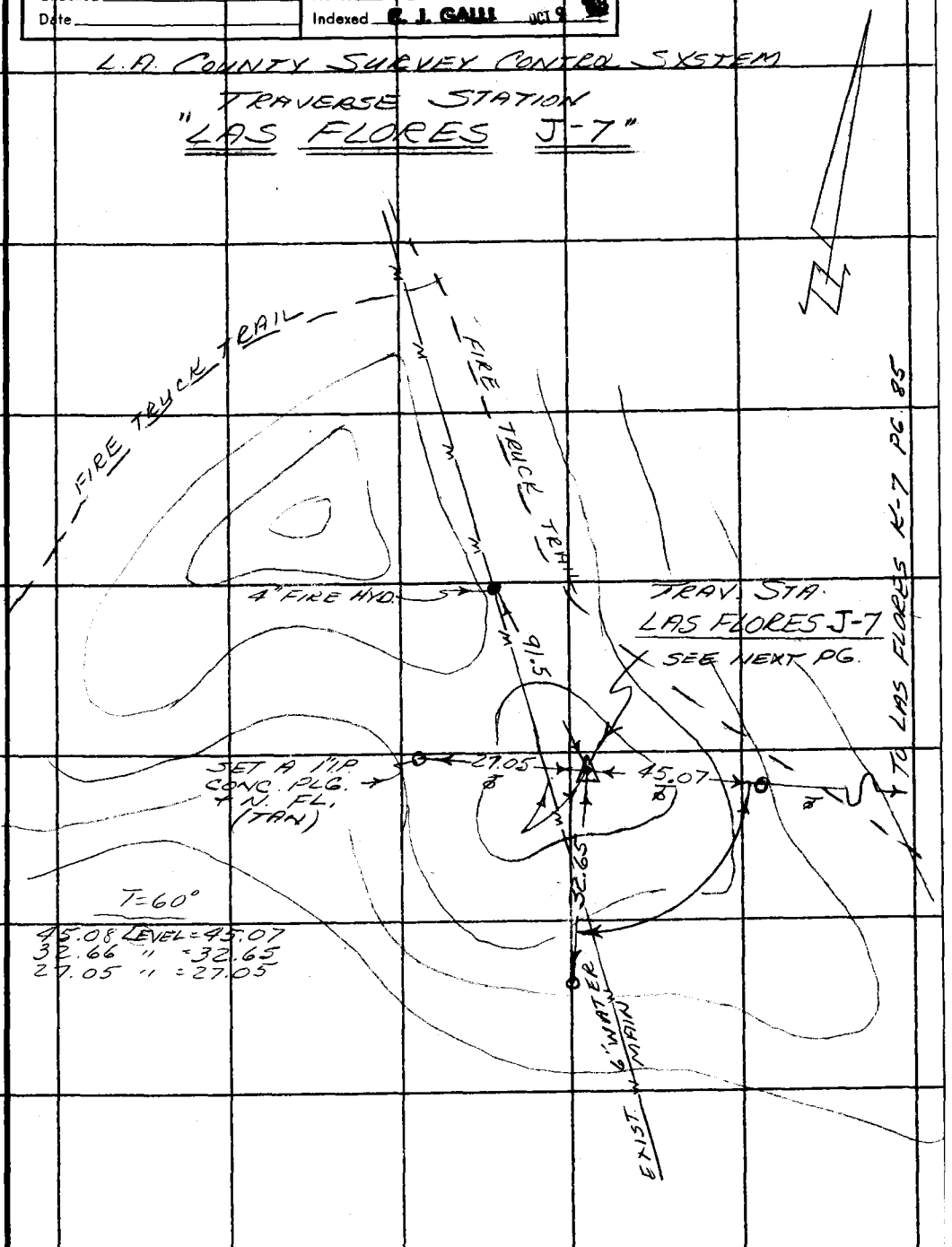
Date	Indexed C. J. GALLI OCT 9

F. B. 2458 PG. 83

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

"LAS FLORES J-7"



Note: Any Sheet Mesh Ink With Making Changed on Sur. Div. W.S. No. Stretch on Geo. Desc. Card

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F. B. 2458 PG 84

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
"LAS FLORES J-7"

THIS STATION IS THE COUNTY OF LOS ANGELES (R17W-T1S) IN THE S.E. 1/4 OF SEC. 26. ON A FIREBREAK 50'± S. OF BIG ROCK FIRE TRUCK TRAIL. IT CAN BE REACHED BY TRAVELING N'LY FROM THE PACIFIC COAST HWY 1.9 MI. ON BIG ROCK CN. OR. TO LOCKED GATE AT BIG ROCK FIRE TRUCK TRAIL; DRIVE 0.4 MI. ON FIRE TRUCK TRAIL TO STA. (400'± SHORT OF INTER. JUNCTION OF FIRE TRUCK TRAILS) THIS STA. IS PROTECTED BY A STD. CO. ENG'R. YELLOW MARKER PIPE 4' N. W'LY.

STATION MARK:

SET A STD. 4" BRASS CAP TRAV. MON. IN CONC FLUSH + STAMPED, "LAS FLORES J-7, 1963, RE 5869".

REFERENCE MARKS:

NONE SET OTHER THAN TIES SHOWN ON SKETCH.

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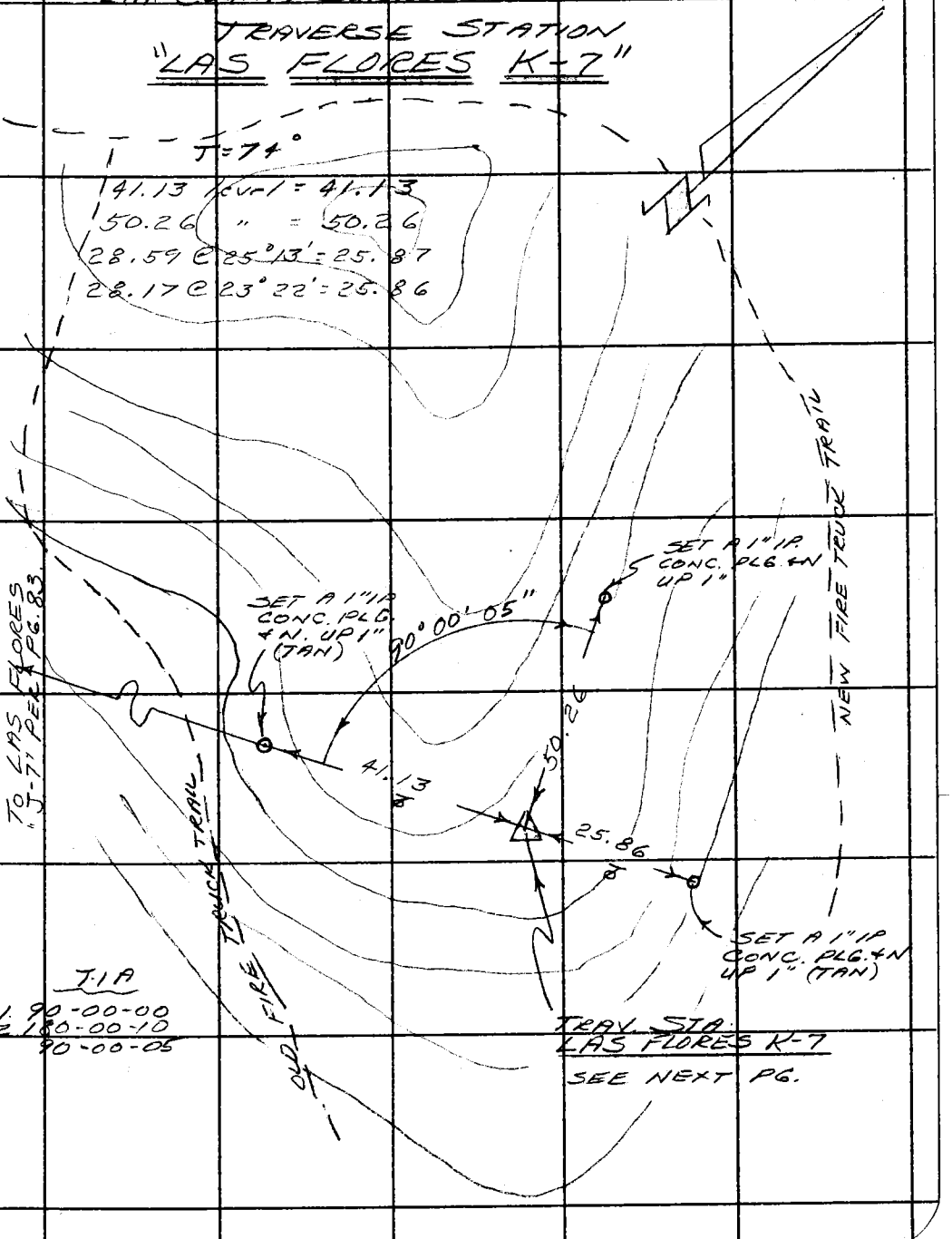
Map No.	JN 0301.00 Tape 127 Std 84 °F	
Office Work	Surveyed by W.D. BAY	
Checked	Notes J. BAZEN Date 5-2-63	
Date	Indexed C. J. GALLI OCT 9 '63	

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

"LAS FLORES K-7"



T-1A
1. 90-00-00
2. 180-00-10
90-00-05

Note: Any Sheet Must Ink With Making Changes on Sur. Div. U.S.N. Sketch on Geo. Desc. Card

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F. B. 2458 PG. 86

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
"LAS FLORES K-7"

THIS STATION IS IN THE COUNTY OF LOS ANGELES (R17W - T1S) IN THE S.E. 1/4 OF SEC. 25 ON A RIDGE BETWEEN PIEDRA GORDA CN + PEÑA CN. IT CAN BE REACHED BY TRAVELING NLY FROM THE PACIFIC COAST HWY ON BIG ROCK CN DR. 1.9 MI. TO BIG ROCK FIRE TRUCK TRAIL (GATE) FOLLOW FIRE RD. 1.20 MI. TO FIRE RD. JUNCTION, TURN RT. DOWN FIRE RD. + TRAVEL 0.50 MI. TO JUNCTION OF OLD FIRE RD + NEW FIRE RD., TURN RT. DOWN OLD FIRE RD. + TRAVEL 0.15 MI. TO SMALL TURN OUT ON LEFT @ STA. THE STA. IS PROTECTED BY A STD. CO. ENGR. YELLOW MARKER FIRE 4" N WLY.

STATION MARK:

SET A STD. 4" BRASS CAP TRAV. MON. IN CONC. UP 2" + STAMPED, "LAS FLORES K-7, 1963, R.E. 5869."

REFERENCE MARKS;

NONE SET OTHER THAN TIES SHOWN ON SKETCH.

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Notes Ck'd by		Survey of GEODETIC CONTROL	F. B. 2958 Pg. 87
Map No.		JN0301.00 Tape 127 Std 84 °F	
Office Work		Surveyed by W. D. BAY	
Checked		Notes J. BAZEN Date 5-2-63	
Date		Indexed J. GALLI 8819	

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION "LAS FLORES L-6"

TO LAS FLORES K-5
Ref F.B. 2958-87 & 88

TO TOPANGA A-5 "TUNA"

(1420.66) FD. 1X2 +N FL. HELD FOR LN. SEE F.B.

51° 23' 55"

34 FT. WATER TANK

0.02

(1457.90) FD. 1X2 +N FL.

SET 1" I.P. CONC. PLG. +N FL. (TAN) Removed by grading

SET 1X2 +N BY INT. FL.

T-1A

1. 51° 23' 40"
4. 205° 35' 40"
51° 23' 55"

LAS FLORES L-6 SEE NEXT PG.

90.72

TRAV. STA. LAS FLORES L-6 SEE NEXT PG.

37.65

(2423.09) FD. 1X2 +N FL. gone

43.12

35.37

15.81

27.89

(P.T. #1-2460.17) FD. 1" I.P. CONC. PLG. N+S.E. TAG. FL. HELD FOR LINE. SEE F.B. gone

gone

gone

SET 1" I.P.'s CONC. PLG. +N. FL. + ON LINE PROD.

FIRE ROAD

T=54°

43.13	LEVEL	= 43.12
35.38	"	= 35.37
37.66	"	= 37.65
27.90	"	= 27.89
15.81	"	= 15.81
91.16 @ 05°32'		= 90.72
91.02 @ 04°29'		= 90.72

LAS FLORES L-6
To be removed
See Pg 99 & 100
For AUX-1 RCB 5/28/66

Note: Any Record Data Shown Hereon Must Be Noted on Each Sheet Number Used With Reference to Basis of Bearings & Distances Shown. Making Changes, Additions or Deletions to Any Recorded Data Shown Hereon Without Proper Authority Is Prohibited. Plotted by Chkd. by Sur. Div. W. S. No. Sketch by Geo. Desc. Card.

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78F3095 CE # 310 3-61

F. B. 2458 PG 88

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
"LAS FLORES L-6"

THIS STATION IS IN THE COUNTY OF LOS ANGELES (R17W - T1S) IN THE N.E. 1/4 OF SEC. 25. ON THE S. EDGE OF FIRE RD. LEADING TO THE HEARST TANK SITE. STATION CAN BE REACHED BY TRAVELING SLY FROM THE INTER. OF SADDLE PEAK RD. ON TUNA CN. ROAD. 0.8 MI. TO BIG ROCK FIRE RD, ENTER GATE & TURN LEFT UP DIRT RD. & PROCEED 0.65 MI. TO STATION. THIS STA. IS PROTECTED BY A STD CO. ENGR. YELLOW MARKER PIPE 4' W'LY.

STATION MARK:

SET A STD. 4" BRASS CAP TRAV. MON. FLUSH IN CONC & STAMPED, "LAS FLORES L-6, 1963, R.E. 5869."
This Station to be removed by grading
See Pg. 99 & 100 for Aux-1
RCB 3/28/66

REFERENCE MARK:

NONE SET OTHER THAN TIES SHOWN ON SKETCH.

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F.B. 2458 Pg. 89

Profile No. ____ X-Sec. No. ____ | Notes Red ____ Date ____ | Notes Chkd. ____ Date ____ | Plotted ____ Date ____ | Checked ____ Date ____ | Job No. 0301.00 Division No. 11 | Survey of GEODETIC CONTROL | Survey by W. BAY Notes BAZEN Date 4-11-63 | Map No. ____ Indexed E. J. GAU Date OCT 9 '63

J.N. 0301.00

"SANTA MONICA MOUNTAINS"

ELEVATIONS

ON

"LAS FLORES K-4"

FROM

B.M. W-7 TO LAS FLORES K-4

4-11-63

PARTY

W. BAY
J. BAZEN
R. MATHER
T. OHASHI.

STATION	B.S.	H.I.	F.S.	ELEV.

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76-L.295 CE 307 3-61

76-L298 CE 307 3-61

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F.B. 2458 Pg. 90 | Job No 2301.09 Division No. 11 Notes Red Date Notes Chkd. Date | Profile Plotted Date Checked Date | No. X-Sec. No.

Survey of GEODETIC CONTROL
Survey by W. BAY Notes J. BAZEN
Indexed E. J. GALLI Date

STATION	B. S.	H. I.	F. S.	ELEV.	
B.M. W-7	888	183926		183038	B.M. W-7 ELEV. = 1830.38
T.P.	11 72	185056	042	183884	SEE F.B. 2997-86 FOR DESC.
T.P.	12 05	186173	088	184968	& 2669-188
T.P.	11 97	187344	026	186147	2978-196
T.P.	11 92	188507	029	187315	
T.P.	11 87	189662	032	188475	
T.P.	1229	190833	058	189604	
T.P.	11 45	191915	063	190770	
T.P.	967	192861	021	191894	
L.F. K-4	562	192889	534	192327	L.F. K-4 ELEV. = (TRAV. STA.) SEE F.B. 2458-21
T.P.	0 71	191925	995	191854	
T.P.	060	190830	11 65	190770	
T.P.	053	189658	1225	189605	
T.P.	054	188530	11 82	188476	
T.P.	052	187368	1214	187316	
T.P.	0 54	186202	1220	186148	
T.P.	0 55	185023	1234	184168	
T.P.	1 01	183985	11 39	183584	
B.M. W-7			947	183038	B.M. W-7 ELEV. = 1830.38 SEE DESC. ABOVE.

NOTES RED. JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL F. B. 2458 PG. 91
DATE SURVEY BY A.C. GUIZADO
NOTES CHKD. NOTES BY J. BAZEN DATE 6-17-63
DATE INDEXED C. J. GALLI DATE OCT 9 '63

DESCRIPTION			
J.N. 0301.00			
DIFFERENTIAL ELEVATIONS			
BETWEEN			
B.M. LINE #64 + TRAVERSE STATIONS			
LAS FLORES	G-7A	PG. 92	
" "	H-6A	" 93	
" "	H-6	" 93	

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

NOTE: [illegible] ON THIS [illegible] CIRCLED [illegible] NAME [illegible] MAKING [illegible] Sketch on Geo. Desc. Card

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76S420 S & E-353 4-54

76S420 S & E-353 4-54

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Plotted on [illegible]
Sketch on Geo. Index Card

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 64-5	704.676					B.M. 64-5 FIELD ELEV = 704.676 unadj
+	0.708		0.502			LAS FLORES Cn Rd
⊼	705.384	9.741		9.745	-9743	64 Adj 704.646
−	10.449		10.247			
T.P.	694.935					
+	1.620		1.416			
⊼	696.555	6.575		6.575	-6.575	
−	8.195		7.991			
T.P.	688.360					
+	0.783		0.658			
⊼	689.143	8.473		8.473	-8.473	
−	9.256		9.131			
T.P.	679.887					
+	0.732		0.522			
⊼	680.619	9.401		9.401	-9.401	
−	10.133		9.923			
L.F. G-7A	670.486				670.454	LAS FLORES G-7A
						FB

JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL NOTES RED
SURVEY BY A.C. GUIZADO DATE
NOTES BY J. BAZEN DATE 6-17-63 NOTES CHKD.
INDEXED E. J. GAIN DATE DATE

F.B. 2458 PG. 92

768420 S & E-353 4-54

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Sketch on Geo. Base Card

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. 64-9	807.238 07					B.M. 64-9 FIELD ELEV = 807.238 unadj
+	2.820		2.617			64 Adj 807.207
⊼	810.058	-4.380		-4.382	43 81	
−	7.200		6.999			
T.P.	802.858					
+	7.051		6.879			
⊼	809.909	+5.573		+5.572	-5.572	
−	1.478		1.307			
L.F. H-6A	808.431				808.398	LAS FLORES H-6A
B.M. 64-11	666.577 46					B.M. 64-11 FIELD ELEV = 666.577 unadj
+	2.146		2.015			
⊼	668.723	-8.727		-8.727	-8.727	64 Adj 666.546
−	10.873		10.742			
T.P.	657.850					
+	0.650		0.508			
⊼	658.500	-8.854		-8.855	-8.854	
−	9.504		9.363			
T.P.	648.996					
+	4.438		4.210			
⊼	653.434	-0.278		-0.277	-0.278	
−	4.716		4.487			
L.F. H-6	648.718				648.687	LAS FLORES H-6

NOTES RED. JOB NO. SURVEY OF GEODETIC CONTROL
DATE SURVEY BY A. C. GUIZADO
NOTES CHKD. NOTES BY J. BAZEN DATE 6-17-63
DATE INDEXED E. J. GALLI DATE

F. B. 2458 PG. 93

F. B 2458 P 94

JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL NOTES RED.
SURVEY BY A.C. GUIZADO DATE
NOTES BY J. BAZEN DATE 6-17-63 NOTES CHKD.
INDEXED E. J. GALLI DATE DATE

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

765420 S & E-353 4-54

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DATE SURVEY BY A.C. GUIZADO
NOTES CHKD. NOTES BY A.C.G. DATE 5-13-63
DATE INDEXED E. J. GALLI DATE OCT 9

JOB NO. 0301.00

GEODETIC CONTROL

VERTICAL DIFFERENCE

BETWEEN LAS FLORES B-8

TRAVERSE MON. & LAS FLORES

B-8. ECC 1 BT. 3PK. & T. in Rim 4.

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

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Sketch on Geo. Desc. Card

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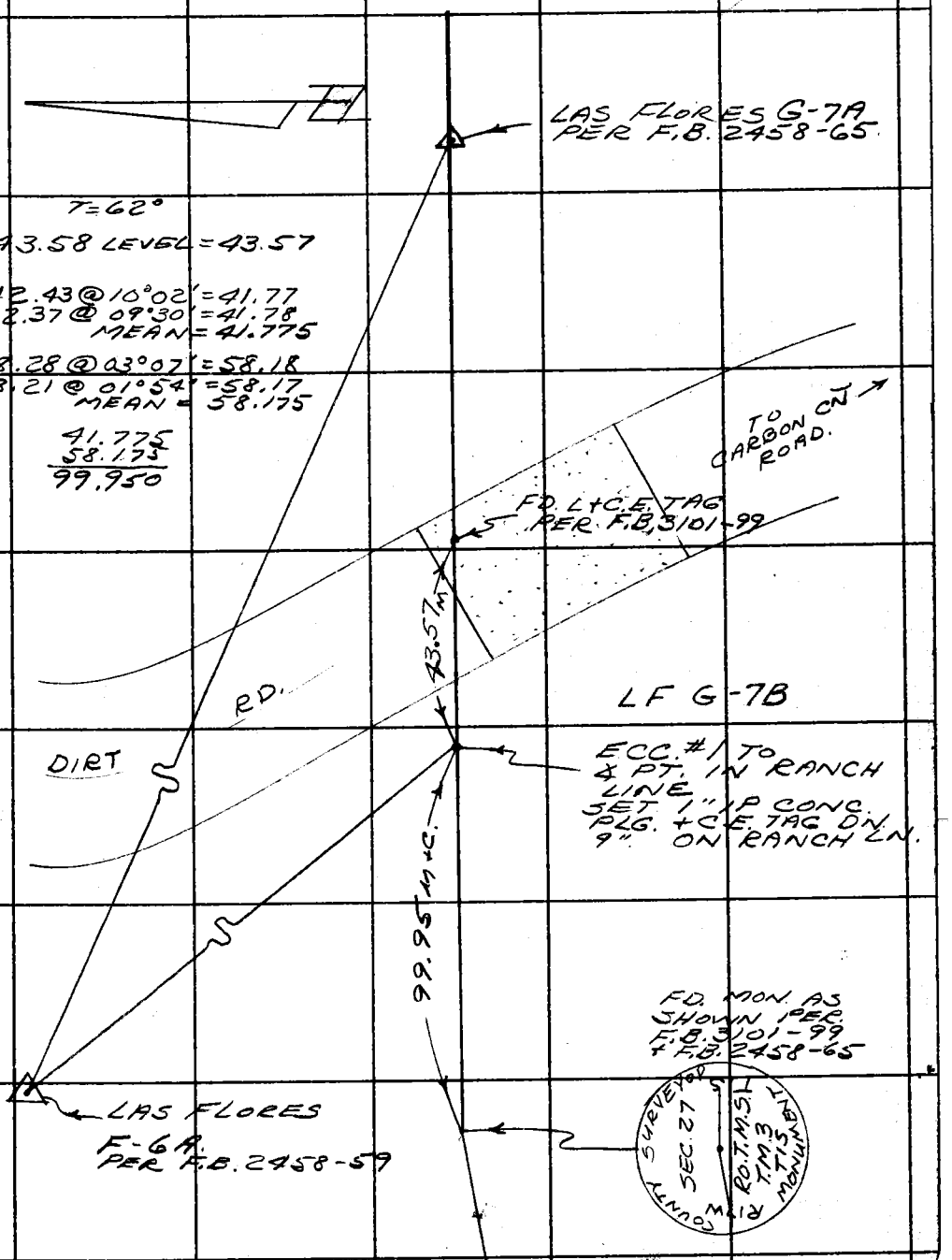
B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
LF B-8	100.000					LAS FLORES B-8 TRAVERSE MON ASSUM. ELEV= 100.000 PACIFIC Cst Hwy & 0.15 MI EAST OF MALIBU Cn Rd.
+	5.982		6.061			
A	105.982	+0.789	+0.789			
—	5.193		5.272			
LF B-8 Ecc 1	100.789					LAS FLORES B-8 Ecc 1 BT spKET

JOB NO. 0301.00 SURVEY OF Geodetic Control
SURVEY BY AC GUIZADO DATE 5-13-63
NOTES BY ACG DATE
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 2458 PG. 96

Notes Ck'd by	Survey of GEODETIC CONTRO
Map No.	JN 0301.00 Tape 100 Std 84 °F
Office Work	Surveyed by A. GUIZADO
Checked	Notes J. BAZEN Date 6-12-63
Date	Indexed [redacted] J. GALLI OCT 9 '63

F. B. 2458 PG. 97



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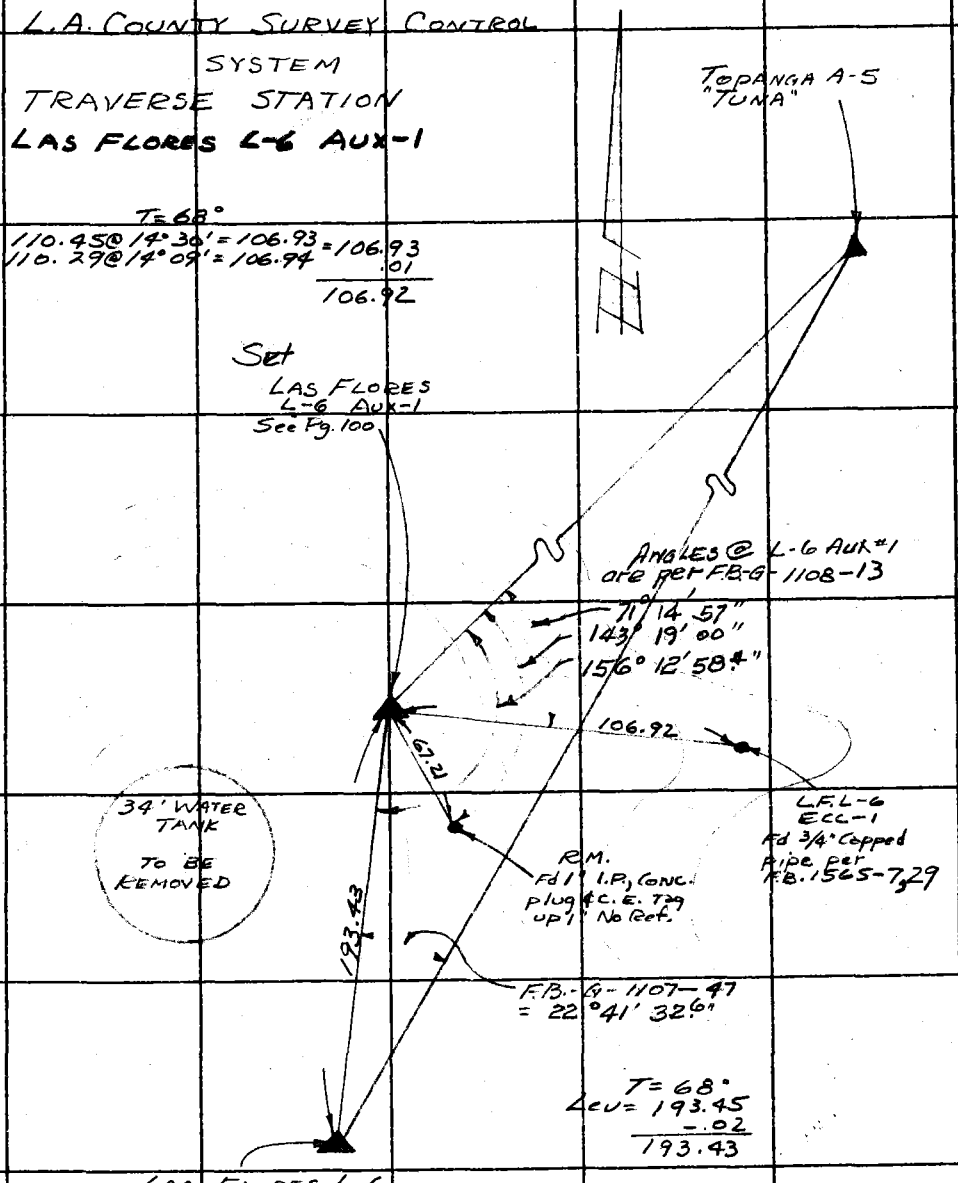
F. B. 2458 PG 98

Notes Ck'd by	Survey of Geodetic Control
Map No.	JN 0301.00 Tape 175 Std 84 °F
Office Work	Surveyed by R.C. Bowers
Checked	Notes R.C.B Date 3/28/66
Date	Indexed JUN 23 '66 H. E. OTT

F. B. ~~2952~~ 2458 PG. 99

Noted on Geo. Index Card
Placed on G.S. Quad. Sts.
Placed on Div. W.S. No.
Sketch on Geo. Desc. Card

L.A. COUNTY SURVEY CONTROL
SYSTEM
TRAVERSE STATION
LAS FLORES L-6 AUX-1



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76F309S CE # 310 3-61

F. B. 2458 Pg. 100

L.A. County Survey Control System
Traverse Station
"LAS FLORES L-6 AUX-1

This station is in the County of Los Angeles, (R.17W.-T.1S.) in the N.E. 1/4 of Sec. 25 on the Northerly Spur, at the end of the fire road leading to the Hearst Tank site. Station can be reached by Traveling S'ly from the Jct. of Saddle Peak Rd. on Tuna Cyn. Road, 0.8 Miles to the Big Rock Fire Rd. Enter gate and turn left up dirt Road and proceed 0.65 miles to end of the road. The station is about 100' N'ly on a spur. A Yellow marker pipe is protecting this station.

STATION MARK:

Set a Std. 4" Brass disc Traverse Mon, set in Conc., up 2", marked "Las Flores L-6, Aux-1, 1966, RE. 5869"

REF. MARK:

As shown in Sketch on Pg. 99

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76-L298 CE 307 3-61

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Noted on Geo. Index Card
Placed on U. S. Quad. Sheet
Placed on Survey, W. S. No.
Sketch on Geo. Desc. Card

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
LF L-6				1804 6	LF L-6 El = 1804 6	
	0 88	1805 48				
LF L-6 AUX-1			8 14	1797 34	LF L-6 El 1797 3 A STD. 4" Br. Disk in a Conc. pad, Traverse Station, up 1'	F.B. 2958-99 & 100
	8.24	1805 58				
LF L-6			0 98	1804 6	LF L-6 Starting BM.	

Profile No. X-Sec. No. Date
Notes Red Date
Plotted Date
Job No. 03 01 00 Division No.
Survey of Geodetic Control
Notes Chkd. Date
Checked Date
Survey by Bowers Notes RCB Date 3/28/66
Map No. Indexed H. F. OTT Date

F.B. 2458 ~~2958~~ Pg. 101

F. B. 2458 Pg. 102

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.

76-L298 CE 307 3-61

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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape ___ Std ___ °F
Office Work	Surveyed by WILSON-FULTON
Checked	Notes ___ Date NOV-65
Date	Indexed G. J. GALLI NOV. 21, '66

F. B. 2458 Pg. 108

L.A. COUNTY SUR. CONT. SYSTEM

SANTA MONICA MTN TRIANG.

J.N. 0301.00

INDEX

12-6-65

Wilson
Randall
Manley
Pyle

Fulton
T Jones
H.C. Martinez
H.C. Will
S.A. Tullier

Noted on Index Card
Placed on U.S.G.S. Quad. Shts.
Placed on Index Card
Sketch on Index Card

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76F309S CE #310 6-62

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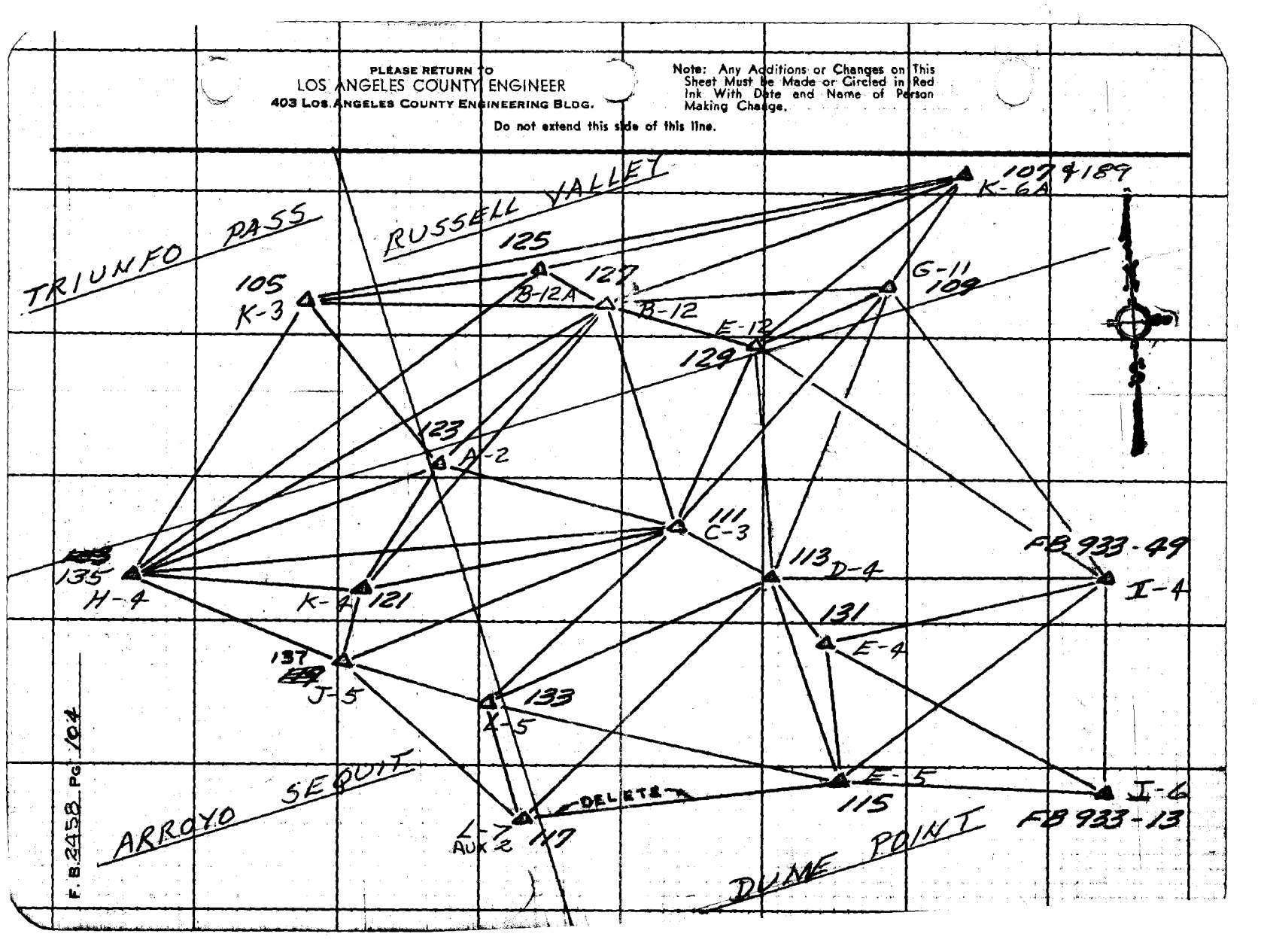


FRI
6-30-72

L.A. Co. — Vent. Co.

boundary monument to be destroyed.

Freeway widening

Ventura Fwy & La Tienda

Thomas Guide pg. 102, B-3

Call: Div. of Hwys
Resident Engineer
Dave Gentry
889-7571

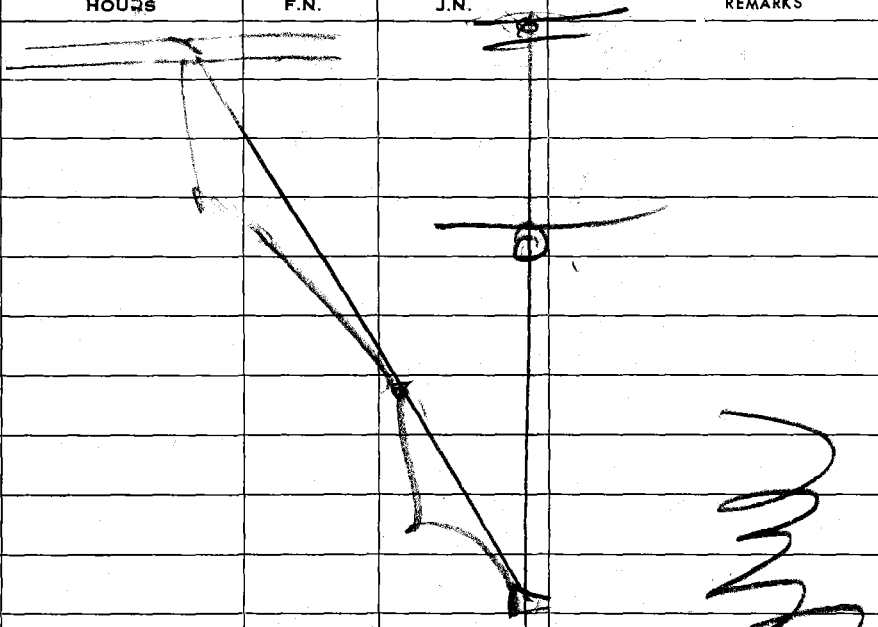
No D "

TIME VARIANCE REPORT
SURVEY DIVISION

TY ENGINEER

DATE

EMPLOYEE NAME	HOURS	F.N.	J.N.	REMARKS

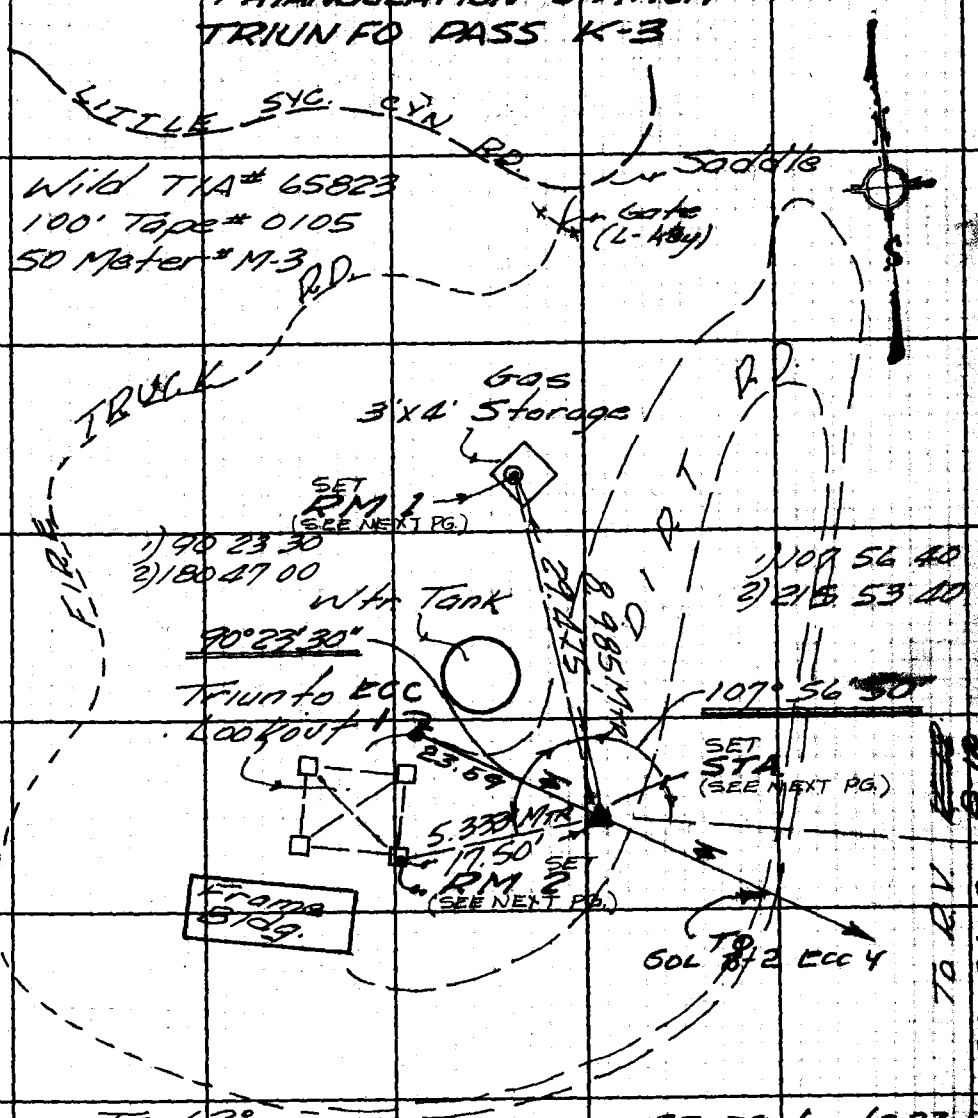


Z6T438E-CE 343 Cdb 3-69

Supervisor

Notes Ck'd by	Survey of S.M. MTNS A	F. B. 2458 PG. 103
Map No.	JN 030100 Tape 0107 Std 68 °F	
Office Work	Surveyed by RC Wilson	
Checked	Notes RC.W. Date 11-29-65	
Date	Indexed C. J. GALLI	

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
TRIUNFO PASS K-3



TC 62°

17.50 @ L = 17.50'

5.333 @ L = 5.333m = 17.497'

29.475 @ L = 29.475'

8.985m @ L = 8.985m = 29.478'

23.59 level = 23.5

7.190 M = 23.59

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76F3095 CE #310 6-62

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

F. B. 2458 Pg 106

TRIUNFO PASS K-3

THIS STATION IS LOCATED in Ventura County in the S.W. 1/4 of section 6, T1S, R19W. at the Triunfo Fire Lookout tower.

STATION ROUTE: From Pacific Coast Hwy and Encinal Cyn Rd: Proceed up Encinal 4 miles ± to the junction of Decker Rd: Thence along Decker (N'ly) 1 mile ± to Mulholland (to west): thence W'ly on Mulholland 0.3 mile to Little Syc. Cyn Rd. on the right; Thence along Syc. Cyn Rd. 3.2 mile ± to a saddle and a Fire Truck Rd. to the S.W.: pass thru locked (L-key) cable and proceed up grade 0.8 mile ± to the lookout tower: The sta. mark is 18' Ely.

STATION MARK: Set a L.A. Co. brass triang. survey control system 4" DISC in 8" conc. post set in conc. up 6" stamped "TRIUNFO PASS K-3 1965 L.A. CO. ENGR. R.E. 5869".

RM 1: Set Co. Engr. tag & nail in lead in conc. floor of gas tank storage shed.

RM 2: Fd. spk. in S.E. fwr footing and cut "+" on top.

ECC #1

Set a C.E. TAG IN EPOXY IN A 2' DIAM. STONE UP 1".

10-15-'74

WILSON by Bay

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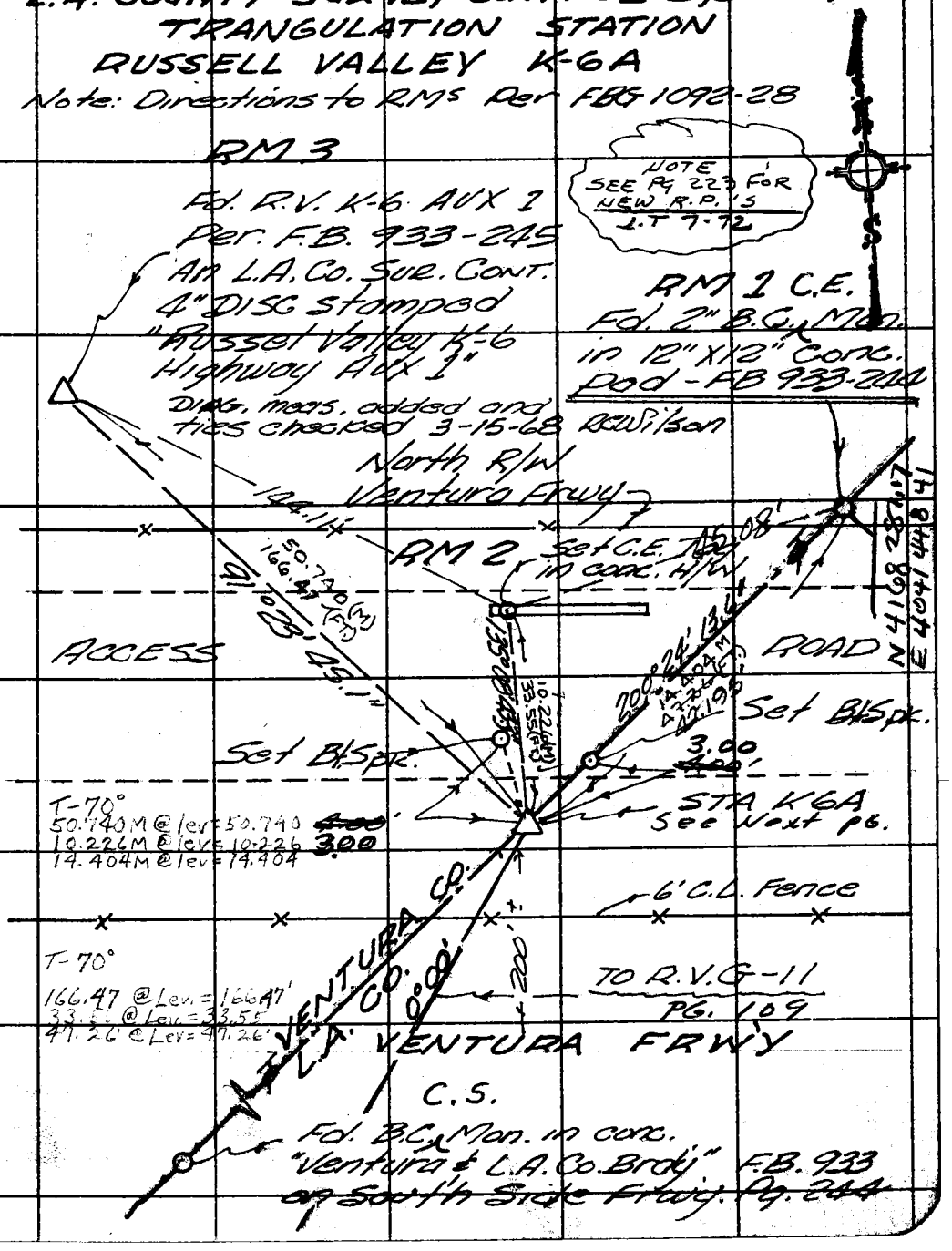
Map No.	JN 0301.00 Tape 0107 MG Std 68 °F	
Office Work	Surveyed by RCWilson	
Checked	Notes RCW Date 12-7-65	
Date	Indexed C. J. GALLI	

L.A. COUNTY SURVEY CONTROL SYSTEM
TRANGULATION STATION
RUSSELL VALLEY K-6A

Note: Directions to RMs Per FBG 1092-28



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE # 310 3-61

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

F. B 2458 PG 108 RUSSELL VALLEY K-6A

THIS STATION IS LOCATED on the Ventura - Los Angeles Co. Bdy line 1000'± sly from the east 1/4 Cor. of Sect 24, T1N, R19/18W. and 200'± from the ctr of the Ventura Freeway.

ROUTE: Proceed out the Ventura Freeway (to Ventura) to the ~~Decker Rd~~ Westlake Blvd. turnoff: thence from stop sign turn rt. 200'± to access rd and follow access rd (~~swings to rt~~) ely 0.8 mile ± to the station on the rt. side of the rd. @ the Co. line. (1'± So. of edge of pavt)

STATION MARK: Set a L.A. Co. Survey Control 4" Triangulation disc. ~~36" long in conc. flush 1' So. of edge of pavt~~ stamped "RUSSELL VALLEY K-6A L.A. CO. ENGR. R.E. 5869 1965". and set flush in conc. 1' So. of edge of pavement.

RM #1: Fd. 2" B.C. C.E. mon. on Co. line nly from sta. in 12"x12" Conc. pad. 1'± north of R/W fence.

RM #2: Set C.E. tag in lead in Conc. head-wall.

R.M. #3: Used sta. K6 Aux #1 stamped "RUSSELL VALLEY K6 AUX 1 ~~HIGHWAY~~ L.A. CO. ENGR. R.E. 5869 1964".

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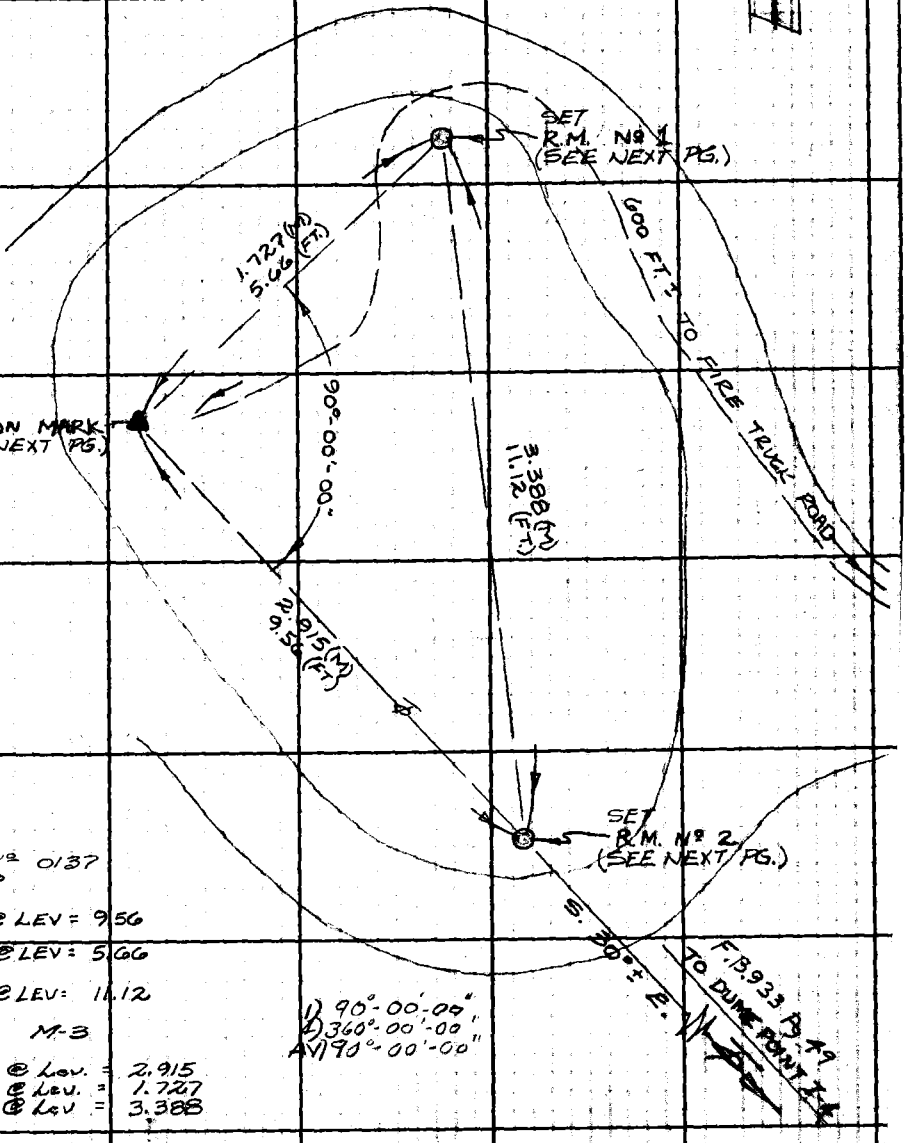
Office Work
Checked
Date

Survey of S.M. MTNS. △
JN 0301100 Tape 136 Std @ 68 °F
Surveyed by WILSON - FULTON
Notes J.G.R. Date DEC '65
Indexed C.J. GALLI

F. B. 2458 Pg. 109

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
RUSSELL VALLEY G-11
(CONEJO #5)



100' Nº 0137
T = 70°
9.56 @ LEV = 9.56
5.66 @ LEV = 5.66
11.12 @ LEV = 11.12
50 mtr. M-3

2.915	@ Lev. =	2.915
1.727	@ Lev. =	1.727
3.388	@ Lev =	3.388

1) 90°-00'-09"
1) 360°-00'-00"
Av 90°-00'-00"

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76F3095 C.E. #3 10 6-62

L. A. COUNTY SURVEY CONTROL SYSTEM

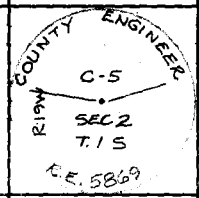
TRIANGULATION STATION

F. B. 2458 PG 110 — RUSSELL VALLEY G-11

THIS STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE SANTA MONICA MTN'S., AND ABOUT 700 FT.± EAST OF THE W. QUARTER CORNER OF SEC. 2 - T1S - R19W. - S.B.B.&M. THIS STATION IS ALSO CORNER NO. 5 OF RANCHO EL CONEJO.

ROUTE: THIS STATION CAN BE REACHED BY DRIVING W'LY. ON MULLHOLLAND HWY., 0.2 MI. FROM ITS INTERSECTION WITH EAST ENCINAL CYN. RD., TO BODLE RD. (PRIVATE DIRT). THERE IS A CABLE HERE WITH A COUNTY L-LOCK ON IT. PROCEED N'LY. ON BODLE RD. 0.45 MILE TO JUNCTION WITH FIRE TRUCK ROAD. THERE IS A LARGE WATER STORAGE TANK ON THE RIGHT AND SLIGHTLY LOWER. FOLLOW FIRE TRUCK RD. ALONG WEST'LY SIDE OF LARGE VALLEY. PROCEED ABOUT 0.5 MI. TO A HORSESHOE BEND, TO THE RIGHT, AND 400 FT.± FROM THE TOP OF THE HILL. PARK IN THE HORSESHOE BEND AND HIKE WEST'LY DOWN RIDGE AND THROUGH SMALL SADDLE TO STA. ABOUT 600 FT.±. THE STATION IS ON THE TOP OF A VERY LARGE ROCK, THERE IS A HIGHER RIDGE TO THE EAST.

STATION MARK:
A 2½ INCH BRASS DISK SET IN CONCRETE ON TOP OF LARGE ROCK, 2" ABOVE FLUSH, AND STAMPED AS SHOWN.



REFERENCE MARKS:

Nº 1: SET L.A. CO. ENGR. TAG & NAIL W/ LEAD IN A DRILL HOLE ON A ROCK OUTCROPPING

Nº 2: SET L.A.CO. ENG'R. TAG & NAIL W/ LEAD IN A DRILL HOLE ON A ROCK OUTCROPPING. THIS POINT IS SET ON LINE TO POINT DUME I-4 (MARTIN)

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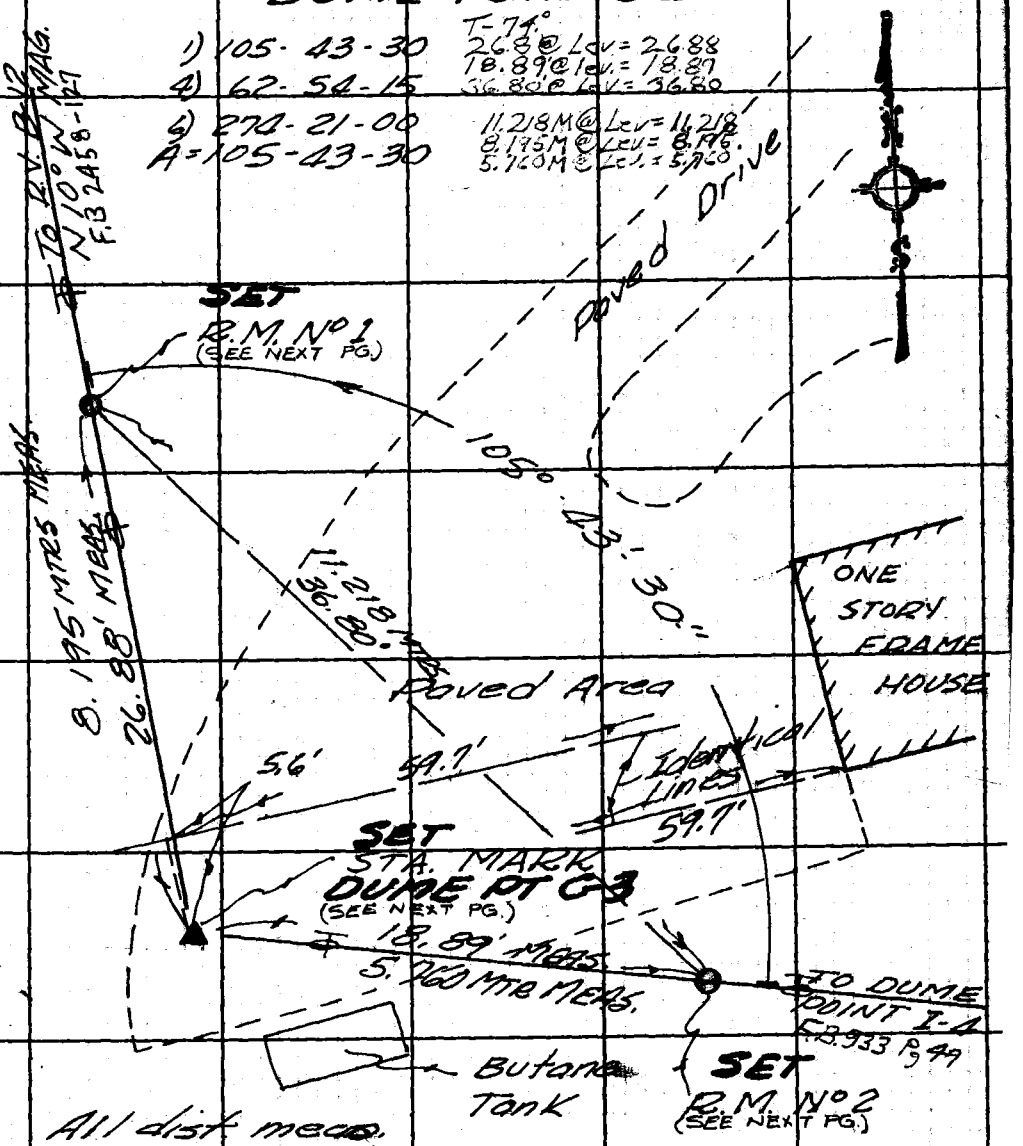
Map No.	JN 0301.00 Tape 0136 Std 84 °F
Office Work	Surveyed by RC WILSON
Checked	Notes RCW Date 11-19-65
Date	Indexed C. J. GALLY

F. B. 2458 PG. [redacted]

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
DUME POINT C-3

1) 105-43-30 T-74°
4) 62-54-15 26.8 @ Lev = 26.88
18.89 @ lev = 18.89
36.80 @ Lev = 36.80
6) 274-21-00 11.218M @ Lev = 11.218
A = 105-43-30 8.195M @ Lev = 8.196
5.760M @ Lev = 5.760



All dist. meas. level @ Std. temp.

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76F309S CE #310 6-62

F. B. 2458 PG. 112 ~~108~~

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

DUME POINT C-3

THIS STATION IS LOCATED in L.A. County in the S.W. 1/4 of Section 16, T1S, R19W on top of a point of land referred to as "BARNEY'S KNOB"

TO REACH THIS STATION from Pacific Coast Hwy @ Encinal Cyn Rd.: Proceed up Encinal Cyn Rd. To its junction with Decker Cyn Rd. (4 miles ±) At this point there are three driveways with a common junction: proceed up the steepest (most sly) drive 400'± to a level parking area and the station is the S.W. Cor. of paved area.

STATION MARK: Set a 4" Brass L.A. Co. SURVEY CONTROL BRASS DISC. in conc. flush 2.5' in from the Cor. of a paved park area, and stamped "DUME POINT C-3 1965 L.A. CO. ENGR. R.E. 5869"

R.M. No 1: Set a 4" L.A.CO. SURVEY CONTROL (REF. MARK) BRASS DISC on line to "TRIUNFO" (R.V. B-12) stamped "R.M. 1 1965 L.A. CO. ENGR. R.E. 5869."

R.M. No 2: Set a 4" L.A. CO. SURVEY CONTROL (REF. MARK) BRASS DISC on line to "MARTIN" (D.PT. I-4) stamped "R.M. 2 1965 L.A. CO. ENGR. R.E. 5869."

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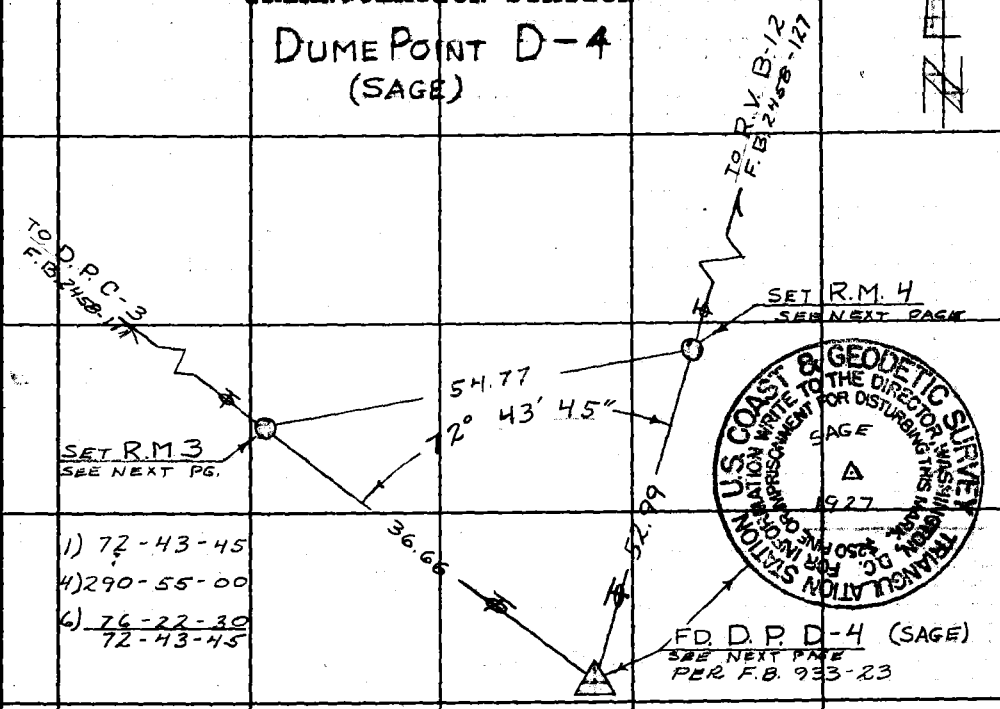
Notes Ck'd by	Survey of SANTA MONICA MTNS M-6	F. B. 2458 Pg. 113
Map No.	JN 0301 00 Tape 0144 Std 68 °F	
Office Work	Surveyed by FULTON	
Checked	Notes JF Date 11-65	
Date	Indexed G. J. GALLI	

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

DUME POINT D-4
(SAGE)



1) 72-43-45
4) 290-55-00
6) 76-22-30
72-43-45

300' TAPE 144
T. 70°
36.66 @ LEV = 36.66
52.99 @ LEV = 52.99
T. 60°
54.78 @ LEV. = 54.77

50M TAPE M-6
T. 70°
11.174 @ LEV = 36.660'
16.153 @ LEV = 52.995'
T. 62°
16.695 @ LEV. = 54.771

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75F309S CE#310 1-65

F.B. 2458 Pg. 114

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
DUME POINT D-4

AREA

THIS STATION IS IN LOS ANGELES COUNTY, IN THE SANTA MONICA MTNS., IN SEC. 21 T.1S. R.19W., 200'± S. OF THE NORTH LINE, 1100'± W. OF THE EAST LINE.

ROUTE

FROM THE INTERSECTION OF ENCINAL CN. RD. & DECKER RD. DRIVE S'LY ON ENCINAL CN RD 0.2 MI. TO DIRT ROAD AND PARKING AREA ON LEFT (EAST), DRIVE S-E'LY 0.2 MI TO DIRT RD. ON LEFT, DRIVE E'LY, 0.3 MI OUT RIDGE AND UP HILL TO STATION.

STATION MARK

A 4" U.S.C. & G.S. BRASS TRIAN. DISC STAMPED "SAGE, 1927" CEMENTED FLUSH IN ROCK, FLUSH WITH GROUND. F.B. 933-23, 24

REFERENCE MARK Nº 1 DESTROYED NOV. 65

" " Nº 2 " "

REFERENCE MARK Nº 3
A 2½" L.A.CO. ENGR. BRASS DISC STAMPED "DUME POINT D-4 SAGE, 1965. RE 5869 RM NO3" UP 3" IN 6" CONC POST.

REFERENCE MARK Nº 4
A 2½" L.A.CO. ENGR. BRASS DISC STAMPED "DUME POINT D-4 SAGE 1965, R.E. 5869" RM NO4" UP 4" IN 6" CONC. POST.

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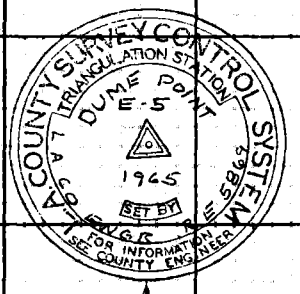
Notes Ck'd by	Survey of SANTA MONICA MTNS
Map No.	JN 030100 Tape 0137 Std 68 °F
Office Work	Surveyed by WILSON, FULTON
Checked	Notes J.F. Date 12-6-65
Date	Indexed G. J. GALLI

F. B. 2456 PG. 115

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
DUME POINT E-5



FD. C.E. TAG IN LEAD IN SANDSTONE

24.68

FD. DUME POINT E-5
SEE NEXT PAGE

14.43

34.91

FD. C.E. TAG IN LEAD IN SANDSTONE

FD. C.E. TAG IN LEAD IN SANDSTONE

100' TAPE #0137

24.68 LEV. T. 66° = 24.68

34.91 LEV. T. 66° = 34.91

14.43 LEV. T. 66° = 14.43

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ZAE3085 CE #310 6-63

F. B. 2458 Pg 116

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
DUME POINT E-5

AREA THIS STATION IS IN LOS ANGELES COUNTY, IN THE SANTA MONICA MTNS. IN PARTIAL SEC. 27 T.1S. R.19W. 800'± SOUTH OF THE NORTH LINE 1800'± EAST OF THE WEST LINE ON HILL 1776 DUME POINT QUADRANGLE.

ROUTE FROM THE INTERSECTION OF PACIFIC COAST HWY. & ENCINAL ROAD DRIVE N'LY UP ENCINAL 2.8 MI TO A DIRT ROAD ON RIGHT (EAST) (PRIVATE GATE OPEN AT THIS DATE) DRIVE N-E'LY UP DIRT ROAD 0.8 MI. TO SADDLE, PARK HERE AND HIKE S'LY ON ABANDONED DIRT ROAD TO ITS END, CONTINUE UP WEST SIDE OF RIDGE THROUGH SADDLE AND S'LY UP [illegible] 30 MINUTE HIKE.

STATION MARK A 4" L.A.CO. SUR CONT. SYSTEM BRASS TRIAN. DISC "STAMPED" DUME POINT E-5 1965 LACO ENGR R.E. 5869" CEMENTED FLUSH IN SANDSTONE BOULDER UP 36".
NO RECORD

REFERENCE MARKS NONE SET 3 C.E. TAGS
SURFACE TIES IN SANDSTONE NO RECORD

IT IS BELIEVED THAT THIS STATION AND ITS SURFACE TIES WERE SET BY G.E. DREIER AND NO NOTES WERE MADE.

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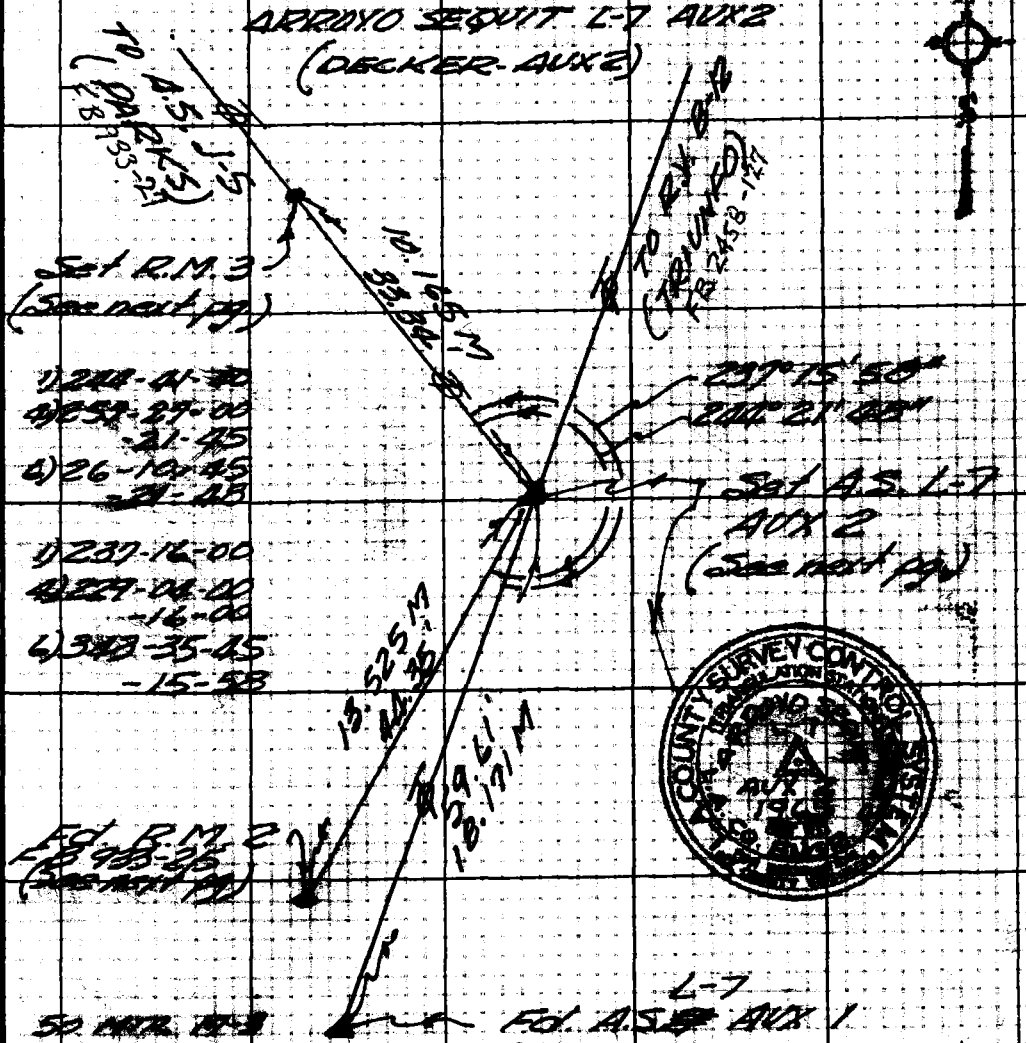
Notes Ck'd by	Survey of S.M. MTN'S	F. B. 2458 Pg. 117
Map No.	JN 0301.00 Tape 0136 Sta. 84 °F	
Office Work	Surveyed by WILSON	
Checked	Notes WILSON Date 11-65	
Date	Indexed C. J. GALLI	

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

ARROYO SEQUIT L-7 AUX2
(DECKER-AUX2)



50 MTR. [illegible]
10.165 @ L @ 62° = 10.165
13.525 @ L @ 62° = 10.525
18.488 @ 10-38 @ 62 = 18.171
300' # 136
33.34 @ L @ 62° = 33.34' 44.36 @ L @ 62° = 44.35'
60.66 @ 10-38 @ 62° = 59.61'

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 this side of this line.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B. 2458 Pg. 118

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
ARROYO SEQUIT L-7 AUX 2

(DECKER AUX 2)

AREA

This triangulation station is located in Los Angeles County, in the Santa Monica Mtns, on the sly. point of a high ridge between Los Alisos and Nicholas Cyons in the region marked "843" in the eastern part of U.S.G.S. quad sheet ARROYO SEQUIT, about 1800' North of the coast and 2.5 miles east of the VENTURA-L.A. COUNTY line.

ROUTE

From the intersection of Pacific Coast Hwy and Decker Road- Follow Decker Rd. nly 2.6 mile to Decker School Rd. on the left- thence left on Decker School Rd 2 miles ± to end of rd. @ Meso Ranch cross thru gate on left (L-KEY) and travel sly 0.4 mile to rd. on the left- turn left and travel sely 0.8 mile to "Y" - bear left and travel down grade 0.4 mile to saddle- follow fence line on right up grade 0.2 miles to spur running down grade on the left- follow f.f. 0.3 mile to the station.

STATION MARK: A 4" L.A. Co. Surv. Cont. System brass disc stamped "ARROYO SEQUIT L-7 AUX 2, 1965, L.A. CO. ENGR. R.E. 5869" up 3" and set in 12" x 12" conc. pad.

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Notes Ck'd by	Survey of S.M. MTN'S	F. B 2458 PG. 119
Map No.	Job 0301.00 Tape Std °F	
Office Work	Surveyed by Wilson	
Checked	Notes RCW Date 11-65	
Date	Indexed C. J. GALLI	

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

ARROYO SEQUIT L-7 AUX ~~2~~ 1
(con't from pg. 118)

AUX #1

STATION MARK: A 2½" L.A. Co. SURVEYOR brass disc stamped "DECKER AUX I R.E. 329 - COUNTY SURVEYOR - 1950" up 3" and set in 6" conc. post.

SUB SURFACE MARKS: None Set

REFERENCE MARK No 2: A 4" L.A. Co. Sur. Cont. system brass ref. mark disc stamped "DECKER R.M. 2 1948 COUNTY SURVEYOR R.E. 329" up 3" and set in 12"x12" conc. pad.

REFERENCE MARK No 3: A 2½" L.A. Co. ENGINEER brass disc stamped "A.S. L-7 AUX 2 - R.M. 3 - 1965 - R.E. 5869" up 3" and set in 6" conc. post.

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76F309S CE#310 1-65

F. B 2458 Pg. 120

BLANK

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

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 136 Std 84 °F
Office Work	Surveyed by R.C. WILSON
Checked	Notes J.S. RANDALL Date NOV-'65
Date	Indexed C. J. GALLI

F. B. 2458 Pg. 181

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

ARROYO SEQUIT K-4

1) 148-53-00
4) 235-32-40
AV) 148-53-10

1) 111°-12'-40
4) 84-50-40
AV) 111-12-40

F.B. 2458-123 TO P.D. A-2

RM 1
FD. L. & L.A.CO. ENGR. TAG SET FLUSH IN LARGE ROCK. (SEE NEXT PG)

TO MESA RANCH DRIVE WAY. 0.2 FROM STA.

ARROYO SEQUIT K-4

FD. STD. L.A.CO. SURVEY CONTROL TRIANGULATION DISK IN CONC. POST, 6" ABOVE GROUND. PER F.B. 3250-16 SEE NOTE, NEXT PG.

1.598 (M) 5.245 (M)

18.795

111°-12'-40"

16.255 (M)

148°-53'-10"

TRACK

RM 2
FD. L. & L.A.CO. ENGR. TAG, SET FLUSH IN LARGE ROCK. (SEE NEXT PG)

0.1 MILE

TRAVELED

300 Ft. Tape No. 136

18.795 @ Lev @ T = 80° = 18.795

16.25 @ Lev @ T = 80° = 16.25

5.245 @ Lev @ T = 80° = 5.245

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403 Los Angeles County Engineering Bldg.

76F309S C.E. #310 6-62

F. B. 2458 PG. 122

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
ARROYO SEQUIT K-4

THIS STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE SANTA MONICA MTNS., IN THE N.W. QUARTER OF FRACTIONAL SEC. 19 - R.19W. - T.1S.

TO REACH THIS STATION FROM THE INTERSECTION OF PACIFIC COAST HIGHWAY & DECKER ROAD. PROCEED NORTH ON DECKER ROAD FOR 2.35 MILE, TO DECKER SCHOOL ROAD. THENCE LEFT ON DECKER SCHOOL ROAD, 1.50 MILES TO MESA RANCH GATE. PROCEED THROUGH GATE, ON PAVED DRIVE WAY, 0.1 MILE TO WOODEN GATE ON THE RIGHT. THROUGH GATE, 0.1 MILE, ON TRAVELED TRACK, TO FORK. BEAR LEFT THROUGH SMALL GULLEY AND UP GRADE, 0.4 MILE TO STATION, ON RIGHT. THE STATION IS LOCATED ON A SMALL BUT PROMINENT RIDGE.

NOTE: FOR PERMISSION TO USE PRIVETE DRIVEWAY THROUGH MESA RANCH, CONTACT FOREMAN R.L. MEEK AT MAIN RANCH HOUSE, OR PHONE 213-457-2828.

STATION MARK:

FD. A 4" L.A. CO. SURVEY CONTROL SYSTEM TRIANGULATION STA. BRASS DISK, SET IN A CONCRETE POST, 6" ABOVE GROUND WITH A MOUND OF ROCK CEMENTED AROUND 12" X 12" CONC. PAD. STAMPED " ARROYO SEQUIT K-4, 1965, L.A. CO. ENGR. R.E. 5860"

REFERENCE MARKS: RM 1 & RM 2

FD. L.A.CO. ENG'R. TAGS SET IN A DRILL HOLE W/LEAD IN ROCK. BOTH R.M'S ARE SAME TYPE.

NOTE:

THIS STATION WAS SET BY G.E. DREIRER, 3-JUN-'65 AS A REPLACEMENT OF A 1" I.P. W/ CAP & DRILL HOLE. F.B. 3250-16

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403 Los Angeles County Engineering Bldg.

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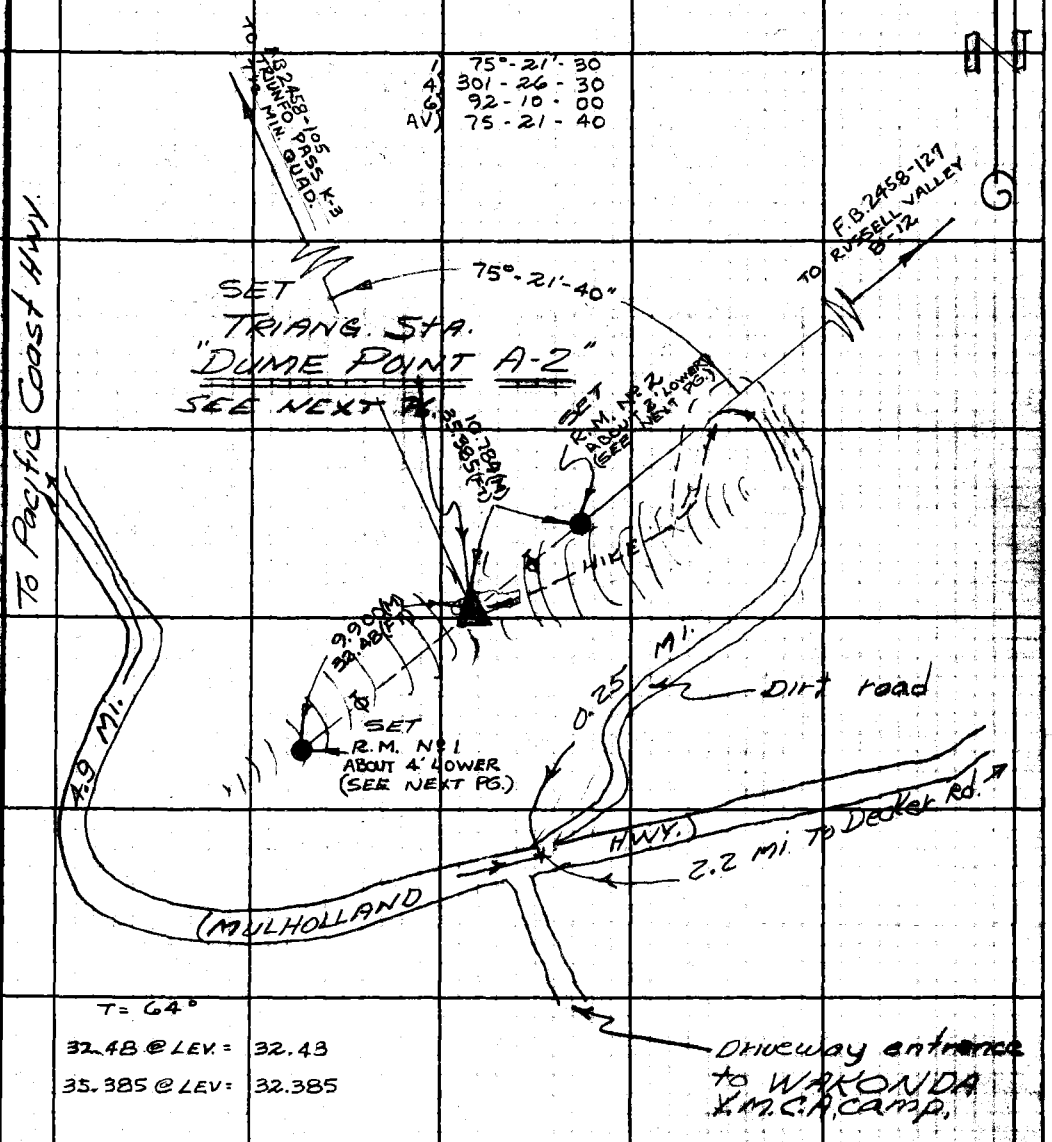
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 100 Std 84° °F
Office Work	Surveyed by DREIER
Checked	Notes BAZEN Date 6/22/65
Date	Indexed C. J. GALLI

F. B. 2458 Pg. 123

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
"DUME POINT A-2"



T = 64°

32.48 @ LEV. = 32.43

35.385 @ LEV = 32.385

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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76F3095 CE #310 6-62

F. B. 2458 PG. 124

— Description —

L.A. COUNTY TRIANGULATION STATION "DUME POINT A-2"

This station is in the County of Los Angeles, in the Santa Monica Mts. & in the N'LY part of Sec 17 - R19W-T1S. & can be reached from the Pacific Coast Hwy. by traveling N'LY on Mulholland Hwy. 4.9 mi. to dirt road on left (across Hwy. from entrance to Y.M.C.A. camp). Proceed N.W'LY on dirt rd. 0.20 mi. to a flat valley. PARK AT BOTTOM OF SLOPE, AND HIKE UP STEEP SLOPE ABOUT 100 FT., THEN FOLLOW TOP OF RIDGE ABOUT 300 FT. TO STATION MARK.

STATION MARK:

Set a ~~std.~~ 4" brass L.A. Co. TRIANG. ~~Precast Triang. mon.~~ Sta. Disc in Conc., up 3" on a rocky ridge., & stpd. "DUME POINT A-2, 1965, L.A. CO. ENG'R. R.E. 5869."

REFERENCE MARKS:

No 1 A 2½" L.A. Co. ENGINEER BRASS DISK ON A 2" I.P. IN 6" CONC. POST, FLUSH, ABOUT 4 FT. LOWER THAN THE STA. MARK ON LINE PRODUCED FROM R.V. B-12, AND MARKED AS: R.M. 1, D.P. A-2-1965, R.E. 5869.

No 2 A 2½" L.A. Co. ENGINEER BRASS DISK ON A 2" I.P. IN 6" CONC POST, FLUSH, ABOUT 2 FT. LOWER THAN STA. MARK, ON LINE TO R.V. B-12, AND MARKED AS FOLLOWS: R.M. 2, D.P. A-2, 1965, R.E. 5869.

NOTE: REFERENCE MARKS SET BY R.C. WILSON NOV. 1965

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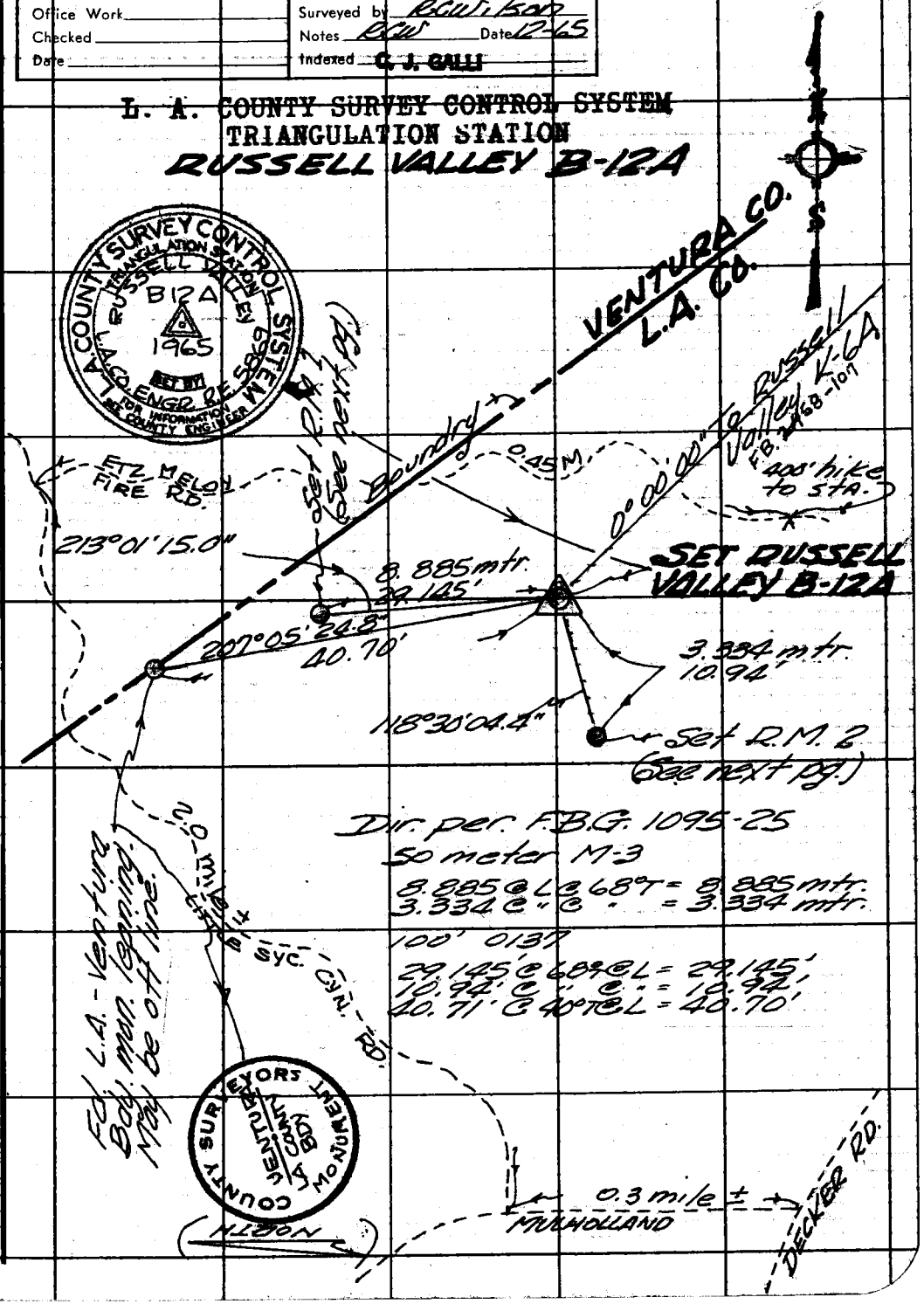
Notes Ck'd by	Survey	CEODETIC CONTROL
Map No.	JN 0301.00 Tape M3 0137 Std 68 °F	F. B. 2458 Pg. 125
Office Work	Surveyed by RCWilson	
Checked	Notes RCW Date 12-65	
Date	Indexed C. J. GALLI	

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
RUSSELL VALLEY B-12A



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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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B. 2458 Pg. 126

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
RUSSELL VALLEY B-12 A

AREA: This station is located in L.A. Co. in the Santa Monica Mtns in the S.E. 1/4 of sect. 5, T1S, R12W, 40' ± ely from the Ventura - L.A. County line.

ROUTE: From the intersection of Decker Rd. & Mulholland Hwy: travel wly on Mulholland 0.3 mile to Syc. Cyn. Rd. on the right: thence n.wly on Syc. Cyn Rd. 2 miles ± to a large saddle and ETZ Meloy Fire rd. to the right: thence upgrade 0.45 mile (ely) on fire rd. to small saddle (fire rd. swings to so. side of ridge) Park and hike wly up ridge 400' ± to station.

STATION MARK: A 4" L.A. Co. Sur. Cont. System brass triangulation disc stamped "RUSSELL VALLEY B-12A 1965 L.A. CO. ENGR. RE 5869" and set in 8" Conc. post 6" above ground.

REFERENCE MARK 1: A 2½" L.A. Co. Engr. brass disc stamped "R.V. B12A 1965 RE 5869 —•→" and set in 6" Conc. Post 4" above grd.

REFERENCE MARK 2: A CO. ENGR. TAG set in lead in rock outcrop South of the station.

SUB-SURFACE MARK: None Set.

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Notes Ck'd by	Survey of S. M. MTN'S 4
Map No.	JN 0301.00 Tape 0137 Std 68 °F
Office Work	Surveyed by WILSON-FULTON
Checked	Notes J. G. R. Date 3-DEC 69
Date	Indexed C. J. GALLI

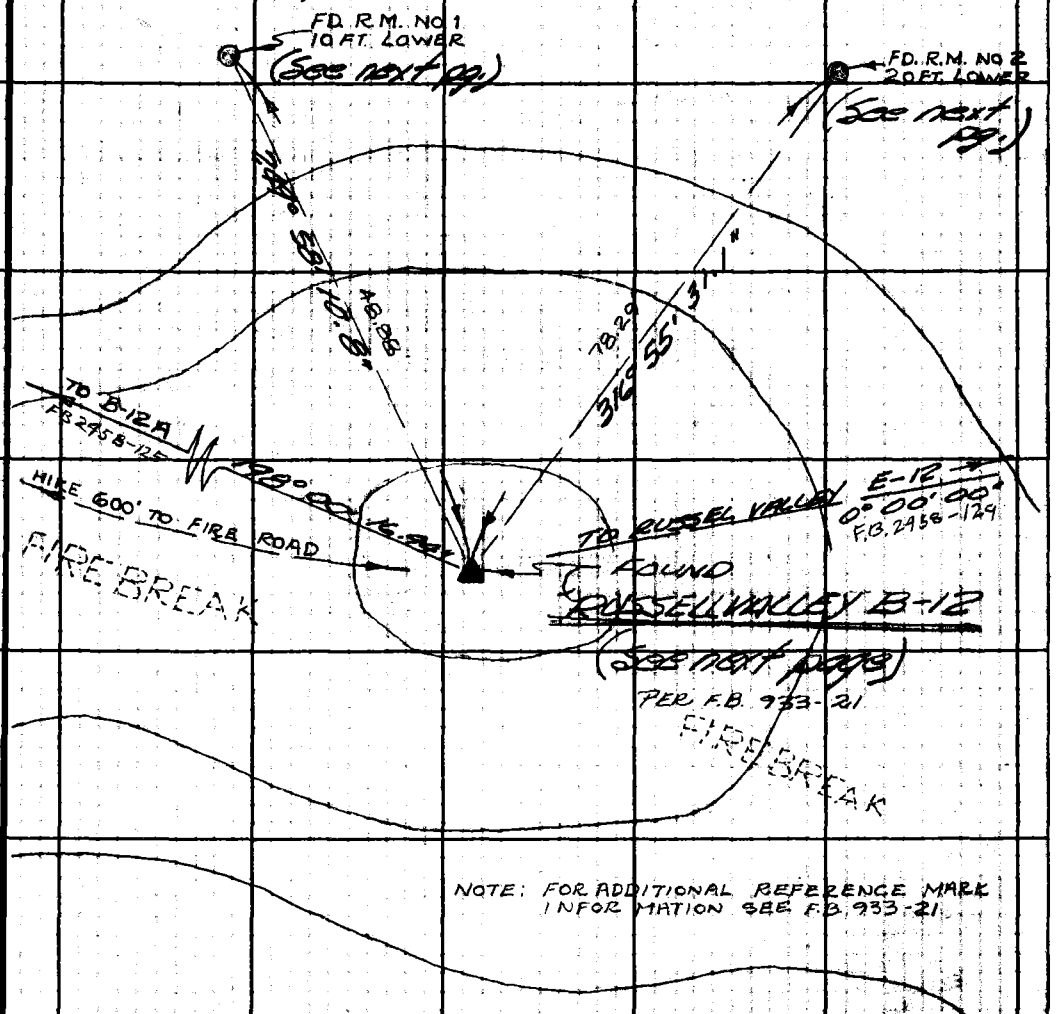
F. B. 2458 PG. 127

L.A. CO. SURVEY CONTROL SYSTEM
TRIANGULATION STATION
RUSSELL VALLEY B-12
(TRIUNFO)

T@ 73°
21.63' CL = 21.63
27.25' CL = 27.25
48.88

T@ 73°
20.16 CL = 20.16
31.62 CL = 31.62
26.51 CL = 26.51
78.29'

Directions per FBG 1092-38



NOTE: FOR ADDITIONAL REFERENCE MARK INFORMATION SEE F.B. 933-21

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-62

F. B. 2458 PG. 128

L. A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

RUSSELL VALLEY B-12

THIS STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE SANTA MONICA MTNS., VERY NEAR THE S.W. COR. OF SEC. 4 - T1S - R19W. - S.B.B.&M., ON A PROMINENT HILL.

ROUTE: TO REACH THIS STATION FROM THE INTERSECTION OF PACIFIC COAST HIGHWAY & ENCINAL CANYON RD., PROCEED UP ENCINAL 4 MILES ± TO DECKER RD., CONTINUE N'LY ON DECKER ROAD 1 MILE ± TO MULLHOLAND HWY., THENCE W'LY (LEFT) ON MULLHOLLAND 0.3 MI. TO LITTLE SYC. CYN. ROAD, N'LY (RIGHT) 2.9 MI. ± TO A LARGE SADDLE, AND ETZ MELOY FIRE TRUCK TRAIL TO THE RIGHT (S'LY), FOLLOW FIRE ROAD 0.55 MI. (JUST PAST WHERE ROAD TURNS ALONG SOUTH SIDE OF RIDGE). PARK IN WIDE AREA AND HIKE E'LY UP FIRE BREAK 600 FT TO STA.

STATION MARK:
A 4" BRASS DISK SET IN A ROCK OUTCROPPING, AND STAMPED: "U.S. GEOLOGICAL SURVEY B.M. - 'TRIUNFO' - R.S. 1928"

REFERENCE MARK Nº 1
A 4" BRASS DISK, SET IN A ROCK, AND STAMPED AS FOLLOWS "REFERENCE MARK NO. 1, - 1933, R.E. 62". THIS MARK IS COOPERATIVE SURVEY CONTROL, COUNTY OF LOS ANGELES CITY OF LOS ANGELES PRE STAMPED DISK. IT IS ABOUT 10 FT. LOWER THAN THE STATION.

REFERENCE MARK NO 2
A 4" BRASS DISK, SET IN A ROCK OUTCROPPING, AND STAMPED AS FOLLOWS: "REFERENCE MARK NO 2., 1933, R.E. 62, TRIUNFO. THIS IS THE SAME TYPE DISK AS NO 1, AND IS 20 FT ± LOWER THAN THE STATION

NOTE: FOR ADDITIONAL R.M. INFORMATION SEE F.B. 933 - 21

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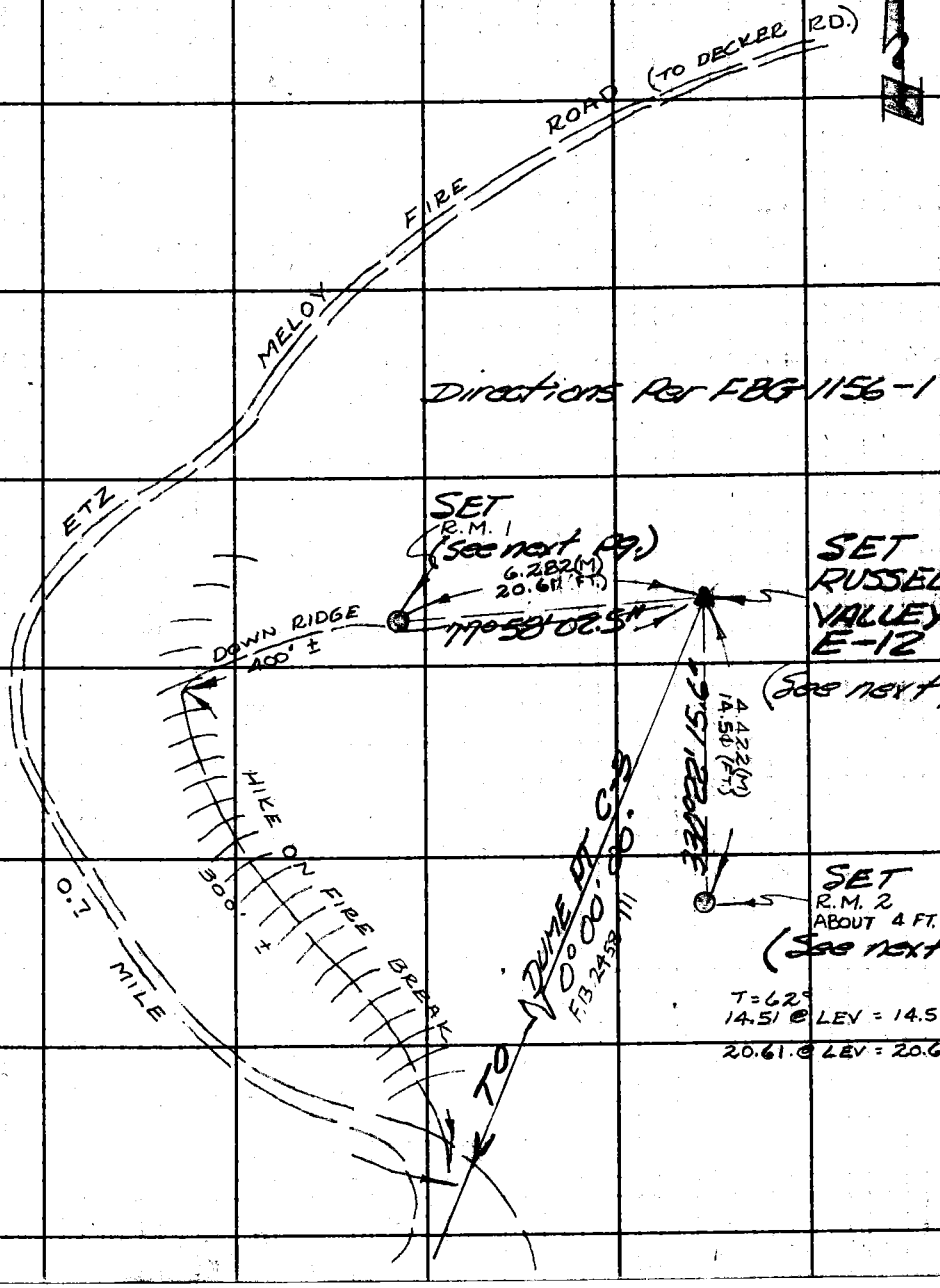
Notes Ck'd by	Survey of S.M. MTN'S. 4
Map No.	JN 0301.00 Tape 100 Std 84 °F
Office Work	Surveyed by WILSON - FULTON
Checked	Notes J.G.R. Date DEC-65
Date	Indexed C. J. GALLI

F. B. 2458 PG. 129

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
RUSSELL VALLEY E-12



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S C.E. #310 6-62

F. B 2458 PG 130

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
RUSSELL VALLEY E-12

THIS STATION IS IN LOS ANGELES COUNTY, IN THE SANTA MONICA MTN'S., ABOUT 1000 FT. ± SO. OF THE N.W. COR. OF SEC. 10 - T-1-S. - R19W. S.B.B.&M.

ROUTE: FROM THE INTERSECTION OF PACIFIC COAST HWY. & ENCINAL CYN RD., PROCEED NORTH'LY ON ENCINAL 4.2 MI. ± TO INTERSECTION WITH DECKER RD., CONTINUE NORTH'LY ON DECKER RD. 2.8 MI. TO ET2 MELOY FIRE TRUCK TRAIL (ON THE LEFT). L-KEY REQUIRED AT GATE, FOLLOW FIRE ROAD 0.1 MILE TO WIDE PARKING AREA, ON LEFT. HIKE N'LY UP FIRE BREAK 300 FT. ± TO SUMMIT, THENCE EAST'LY DOWN RIDGE TO STATION, 400 FT. ±.

STATION MARK:

A 4" L.A. CO. SUR. CONT. SYSTEM BRASS TRIANG. DISC. STAMPED "RUSSELL VALLEY E-12, 1965, L.A.CO. ENGR RE 5869" UP 2" & SET IN 8" CONC. POST.

REFERENCE MARKS:

No 1 A 2½" L.A.Co. ENGINEER BRASS DISK SET IN A 6" CONCRETE POST, FLUSH, AND STAMPED AS FOLLOWS: R.M. 1, R.V. E-12, 1965, R.E. 5869. THIS MARK IS SET ON THE TRAIL TO THE STATION.

No 2: A 2½" L.A.Co. ENGINEER BRASS DISK SET IN A 6" CONCRETE POST, FLUSH, AND STAMPED AS FOLLOWS: R.M.2, R.V. E-12, 1965, R.E. 5869. THIS MARK IS ABOUT 4FT. LOWER THAN THE STATION.

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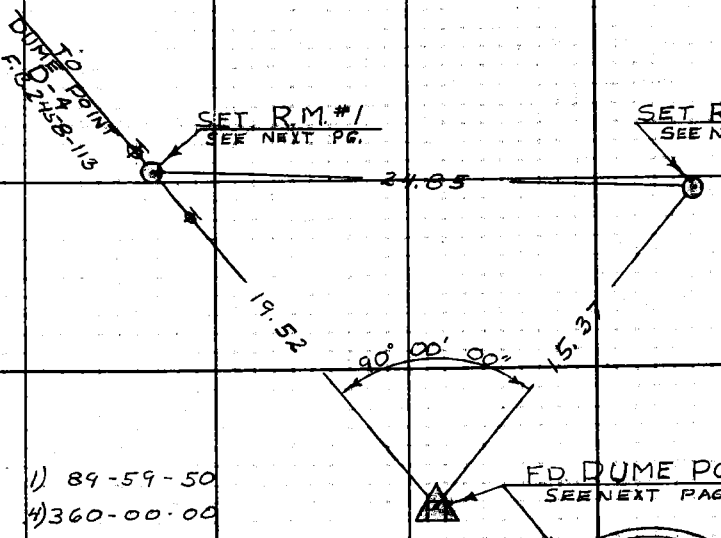
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of SANTA MONICA MTNS F. B. 2458 PG. 131
JN 0 3000 Tape 144 Std 68 °F
Surveyed by WILSON-FULTON
Notes J.F. Date 12-6-65
Indexed C. J. GALLI

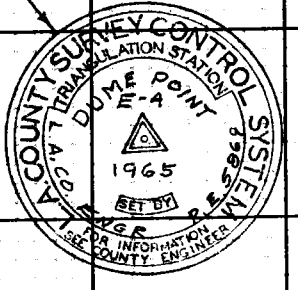
Sketch on Separate Card

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
DUME POINT E-4



1) 89-59-50
4) 360-00-00
2) 180-00-00
90-00-00

FD DUME POINT E-4
SEE NEXT PAGE
NO REF.



300' TAPE #144
T. 76
19.52 @ LEV. = 19.52
15.37 @ LEV. = 15.37
24.845 @ LEV. = 24.845

50 MTR. # M-6
T. 76
5.951 M @ LEV. = 19.524'
4.685 M @ LEV. = 15.371'
7.575 M @ LEV. = 24.852

SEE ALSO F.B. 3250-25

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76F3095 CE#310 1-65

F. B. 2458 PG. 132

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

DUME POINT E-4

AREA

THIS STATION IS IN LOS ANGELES COUNTY, IN THE SANTA MONICA MTNS., SEC. 22, T. 1 S. R. 19 W., 400'± EAST OF THE WEST LINE, 1900'± SOUTH OF THE NORTH LINE, ON A HILL MARKED 1703 ON U.S.G.S. "DUME POINT" QUADRANGLE.

ROUTE

FROM THE INTERSECTION OF PACIFIC COAST HWY. & ENCINAL CYN. RD. DRIVE UP ENCINAL CYN. 2.9 MI. TO A DIRT RD ON RIGHT, DRIVE UP DIRT RD N-E'LY 0.9 MI TO SADDLE, TURN LEFT AND WITH 4 WHEEL DRIVE FOLLOW RIDGE W'LY 0.25 MI TO STATION.

STATION MARK

A 4" L.A.CO. SUR. CONT. SYSTEM BRASS TRIANG. DISC STAMPED "DUME POINT E-4, 1965, L.A. CO. ENGR. R.E. 5869", UP 4" IN 8" CONC. POST

SUB-SURFACE MARK - NO RECORD

REFERENCE MARK Nº 1

A 2½" L.A. CO. ENG'R. BRASS DISC STAMPED "DUME POINT E-4, R.M. NO. 1, 1965, R.E. 5869" UP 4" IN 6" CONC. POST

REFERENCE MARK Nº 2

A 2½" L.A. CO ENG'R. BRASS DISC STAMPED "DUME PT. E-4 R.M. NO. 2 1965 R.E. 5869" UP 4" IN 6" CONC. POST

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403 Los Angeles County Engineering Bldg.
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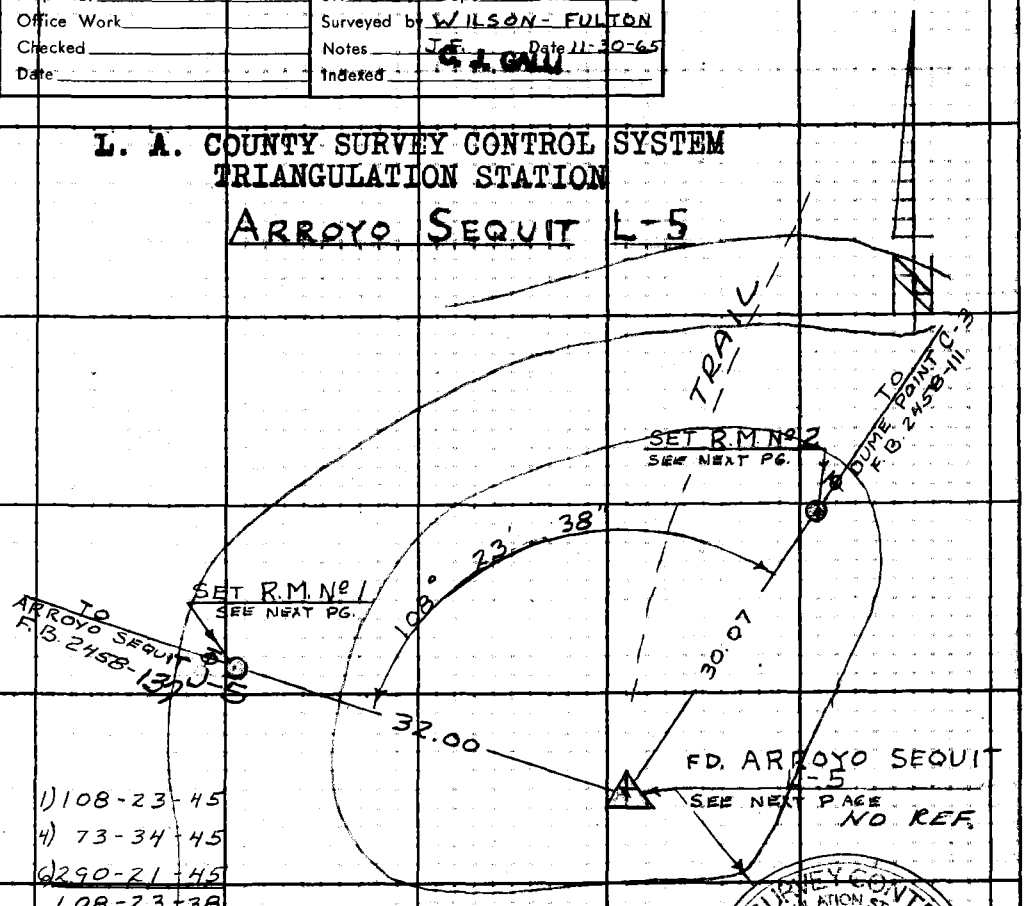
Notes Ck'd by	Survey of SANTA MONICA MTNS.
Map No.	JN 030100 Tape 0136 M-3 Std 68 84 °F
Office Work	Surveyed by WILSON - FULTON
Checked	Notes J.E. Date 11-30-65
Date	Indexed C. J. GALLI

F. B. 2458 PG. 133

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
ARROYO SEQUIT L-5



1) 108-23-45
4) 73-34-45
6) 290-21-45
108-23-38

300' TAPE 0136
T. 66°

32.00 LEV. = 32.00
30.07 LEV = 30.07

50 MTR. M-3
T. 66

9.755 M LEV = 32.005'
9.166 M LEV. = 30.072'

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
ARROYO SEQUIT
L-5
1965
SET BY
L.A. CO. ENGR.
FOR INFORMATION
COUNTY ENGINEER
R.E. 5489

SEE ALSO FB 3250-13

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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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B 2458 PG 134

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
ARROYO SEQUIT L-5

AREA

THIS STATION IS IN LOS ANGELES COUNTY, IN THE SANTA MONICA MTNS, IN TOPANGA-MALIBU SEQUIT, 2500'± WEST OF DECKER RD., 5500'± NORTH OF THE COAST LINE, 1300'± S-W OF HILL 1460 U.S.G.S. "TRIUNFO PASS" QUADRANGLE.

ROUTE

FROM THE INTERSECTION OF PACIFIC COAST HWY. & DECKER RD. DRIVE N'LY ON DECKER RD. 2.6 MI TO DECKER SCHOOL RD., TURN LEFT AND DRIVE W'LY 1.7 MI TO LOCKED GATE ON NICOLAS FLAT MWY., GO —— 0.4 MI. TO TRAVELED TRACKS ON LEFT, DRIVE ACCROSS FIELD AND OVER HILL 0.8 MI. TO "Y" IN ROAD, GO STRAIGHT UP HILL ON TRAVELED TRACKS 0.1 MI TO STATION.

STATION MARK

A 4" L.A. CO. SUR. CONT. SYSTEM BRASS TRIANG. DISC STAMPED "ARROYO SEQUIT L-5, 1965, L.A.CO. ENGR R.E. 5869" FLUSH IN 8" CONC. POST.

SUB SURFACE MARK - NO RECORD

REFERENCE MARK Nº 1

A 2½" L.A. CO ENGR. BRASS DISC STAMPED "A.S.L-5 R.M. 1 RE 5869" UP 4" IN 6" CONC. POST

REFERENCE MARK Nº 2

A 2½" L.A. CO. ENGR BRASS DISC STAMPED "A.S.L-5, R.M. 2, R.E. 5869" UP 4" IN 6" CONC. POST

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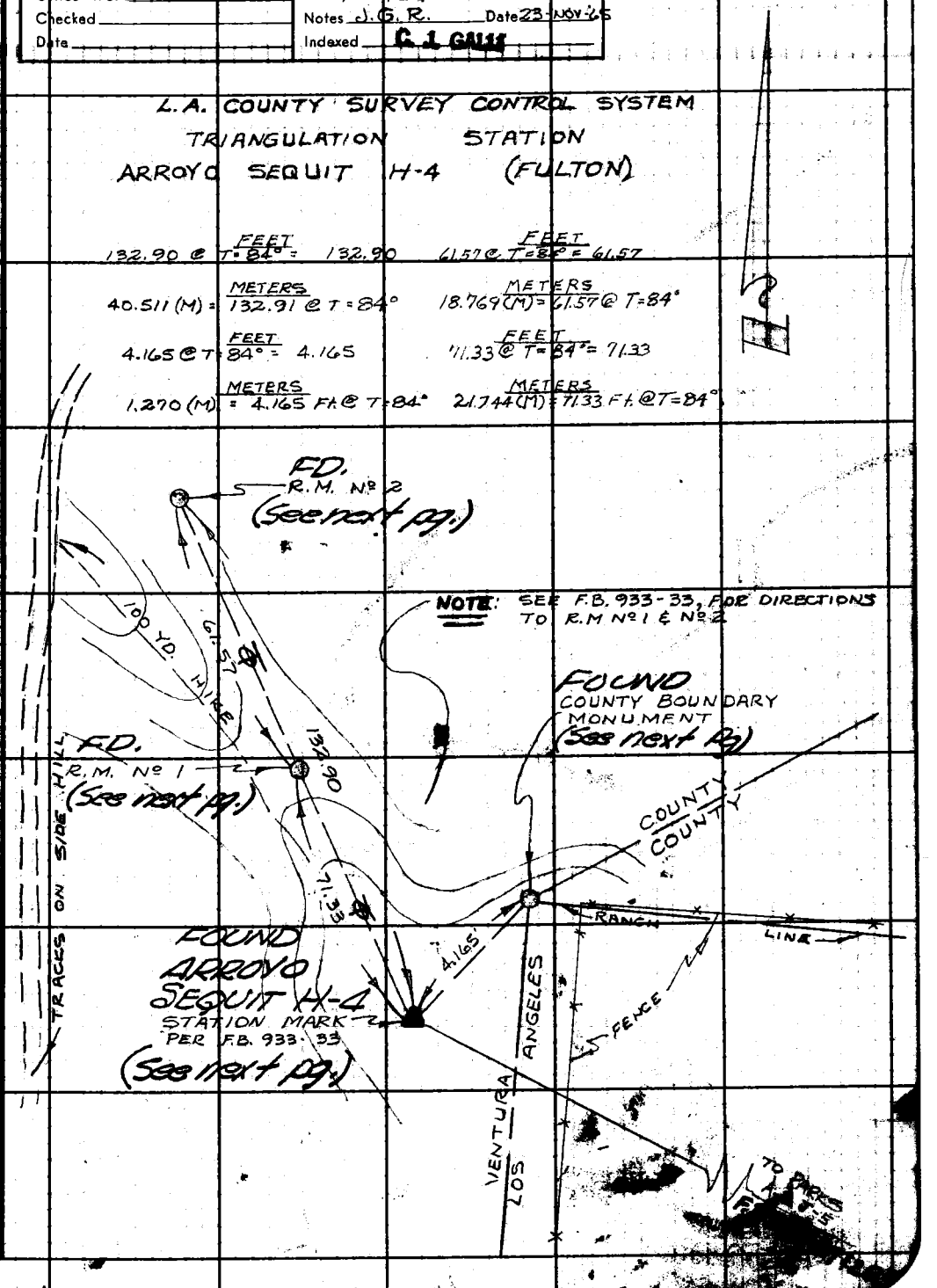
Notes Ck'd by	Survey of S. MON. MTNS. △
Map No.	JN0301.00 Tape 1.36 Std 68° °F
Office Work	Surveyed by R.C. WILSON
Checked	Notes J.G.R. Date 23-NOV-65
Date	Indexed C. J. GALLE

F. B. 2458 Pg. 135

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
ARROYO SEQUIT H-4 (FULTON)

132.90 @ T=84°	FEET = 132.90	61.57 @ T=84°	FEET = 61.57
40.511 (M) =	METERS 132.91 @ T=84°	18.769 (M) =	METERS 61.57 @ T=84°
4.165 @ T=84°	FEET = 4.165	71.33 @ T=84°	FEET = 71.33
1.270 (M) =	METERS 4.165 FT. @ T=84°	21.744 (M) =	METERS 71.33 FT. @ T=84°



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76F3095 C.E. #310 6-62

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
ARROYO SEQUIT 4-4

F. B. 2458 PG. 136

THIS STATION IS LOCATED IN: THE COUNTY OF VETURA, IN THE SANTA MONICA MTN'S, NEAR THE SOUTH LINE OF, AND IN THE S.E. ONE QUARTER OF SEC. 14 - T1S - R20W.

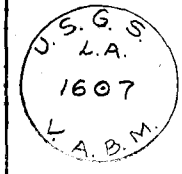
ROUTE:

FROM THE INTERSECTION OF PACIFIC COAST HIGHWAY & MULHOLLAND HWY., DRIVE NORTHERLY ON MULHOLLAND 0.05 MILE, TO DIRT ROAD ON LEFT (WEST), "YELLOW HILL MTW", PROCEED UP ROAD 3.2 MILES TO TRACKS ON RIGHT (EAST), DRIVE UP SIDE HILL TO TOP 0.1 MILE, THEN HIKE 100 YDS. S.E.'LY ALONG RIDGE, PAST R.M. Nº 1, AND TO STATION.
AN (L-KEY) IS NEEDED TO ENTER YELLOW HILL MTW.

STATION MARK:

A ONE INCH BRASS CAP, SET FLUSH IN A SAND STONE BOULDER & STAMPED AS SHOW BELOW:

NOTE: THE PUNCH MARK ON THIS STATION IS IN THE CENTER OF THE "O" IN 1607.



REFERENCE MARK Nº 1

L.A. COUNTY SURVEY CONTROL SYSTEM, 4" BRASS DISK, REFERENCE MARK, SET IN A CONCRETE POST, 3" ABOVE FLUSH:

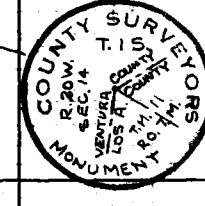
REFERENCE MARK Nº 2

L.A. COUNTY SURVEY CONTROL SYSTEM, 4" BRASS DISK, REFERENCE MARK, SET IN A CONCREE POST, 3" ABOVE FLUSH

COUNTY BOUNDARY MONUMENT:

A 2½ INCH COUNTY SURVEYORS BRASS CAP, SET IN A ROCK MOUND & CEMENTED TOGETHER. MOUND IS 18"x18" ± AND STAMPED AS SHOWN BELOW:

SET 18" ABOVE FLUSH.



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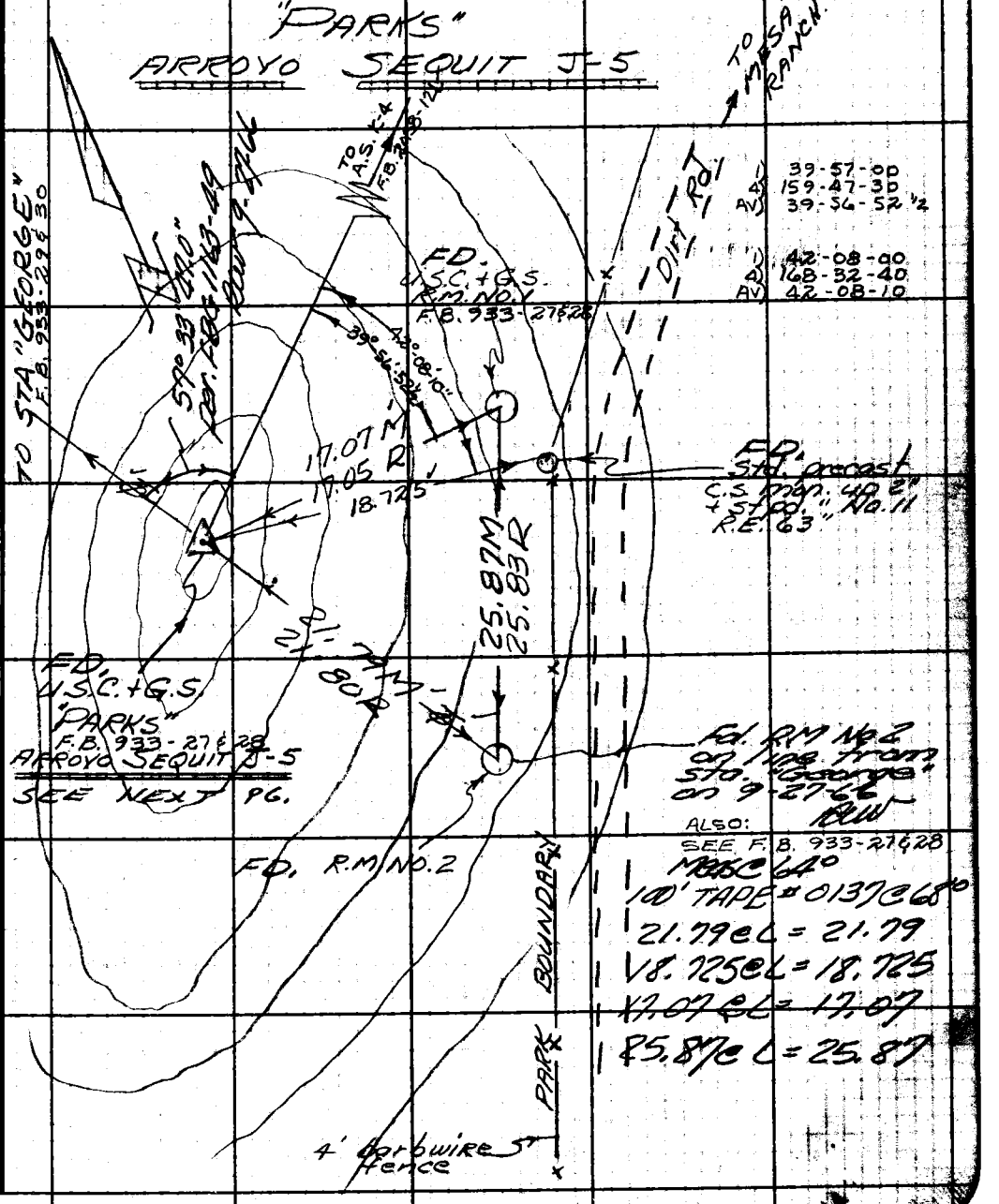
Map No.
Office Work
Checked
Date

Survey of GEODETIC CONTROL
JN 030100 Tape Std °F
Surveyed by DREIER
Notes BAZEN Date 6/22/65
Indexed C. J. BAILEY

F. B. 2458 PG. 137

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION "PARKS"
ARROYO SEQUIT J-5



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Z&F 3085 C.E. #310 6-62

F. B. 2458 PG. 138 — Description —

L.A. COUNTY TRIANGULATION STATION

ARROYO SEQUIT J-5

U.S.C. + G.S. "PARKS"

This Station is in the County of Los Angeles in the Santa Monica Mts. 1/4 mi. S.E. of SEC 19, R19W-T1S, on top of ridge along East boundary line of Leo Carillo State Park., + can be reached from Pacific Coast Hwy. by traveling N'LY on Decker Rd. 2.35 mi. To Decker School Rd., thence Lt. on Decker school Rd. 1.50 mi. to MESA Ranch Gate., turn Lt. thru Locked gate (L-Key) + proceed 0.25 over traveled rd., bear rt. across wash + follow rd. 0.55 mi. to end of rd., turn Lt. + follow traveled tracks up ridge, proceed over traveled tracks + thru barbed wire gate 0.45 mi. To Station.

STATION MARK:

A 4" U.S.C. + G.S. brass triang. sta. disc set in a 10" x 14" rock ~~(which is loose)~~ + stpd. "PARKS, 1927" Per F.B. 933-27, 28. New conc. base poured around rock on 9-27-66 RCW.

REFERENCE MARKS:

R.M. NO. 1 - A U.S.C. + G.S. 4" brass R.m. disc set in sandstone rock up 3" ~~which is loose~~, + stpd. "R.M. 1 PARKS, 1927" Added 9-27-66 Per F.B. 933-27, 28. New conc. base poured around rock on 9-27-66. RCW

R.M. NO. 2 - A 4" brass L.A. Co. R.m. disc set in conc. up 2" + stpd. "PARKS RM NO 2 948, County Surveyor R.E. 329." Per F.B. 933-27, 28. Added on 9-27-66 RCW

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Notes Ck'd by	Survey of	F. B. 2458 PG. 139
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes RCWilson Date 10/2/66	
Date	Indexed C. J. GALLI [illegible]	

Noted on Index Card
Placed on U.S.G.S. Quad. Shts.
Placed on Div. W.S. No.
Sketch on Geo. Desc. Card

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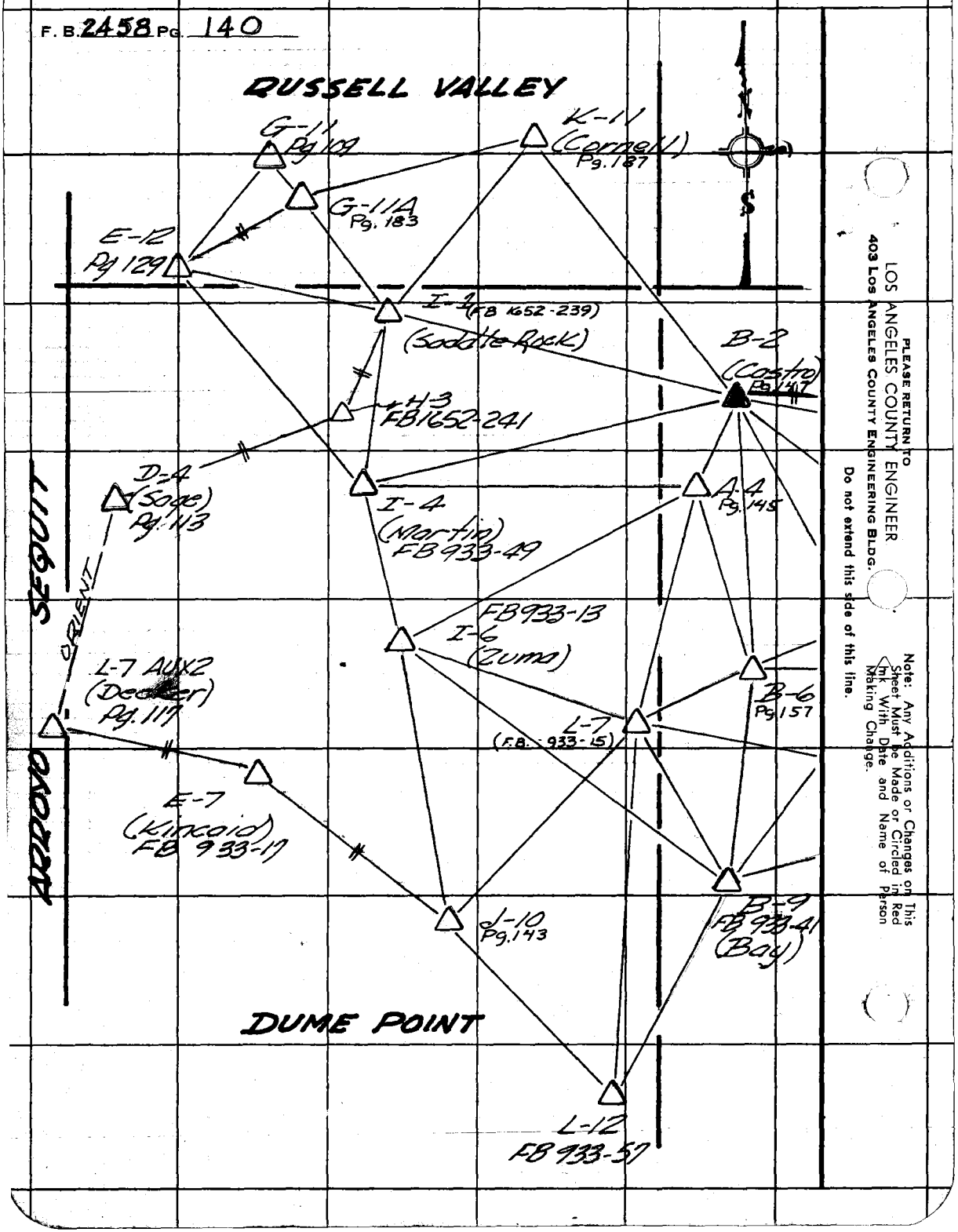
SANTA MTNS TRIANGULATION
DIVISION 2
JN 0301.00
STATION NOTES & SCHEME
SEPT, OCT, NOV
1966

PARTY
WILSON FULTON
RANDALL (TT) JONES
MARTINEZ (HC) RYLE
GOODWIN (HC) MANLEY
(SA) TULLIER

76F309S CE#310 1-65

F. B. 2458 Pg. 140



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Notes Ck'd by	Survey of S.M. Mtn Div 2	F. B. 2458 Pg. 141
Map No.	Jn 0301.00 Tape Std °F	
Office Work	Surveyed by Fulton-Wilson	
Checked	Notes RCW Date 10-5-66	
Date	Indexed C. J. GALLI	

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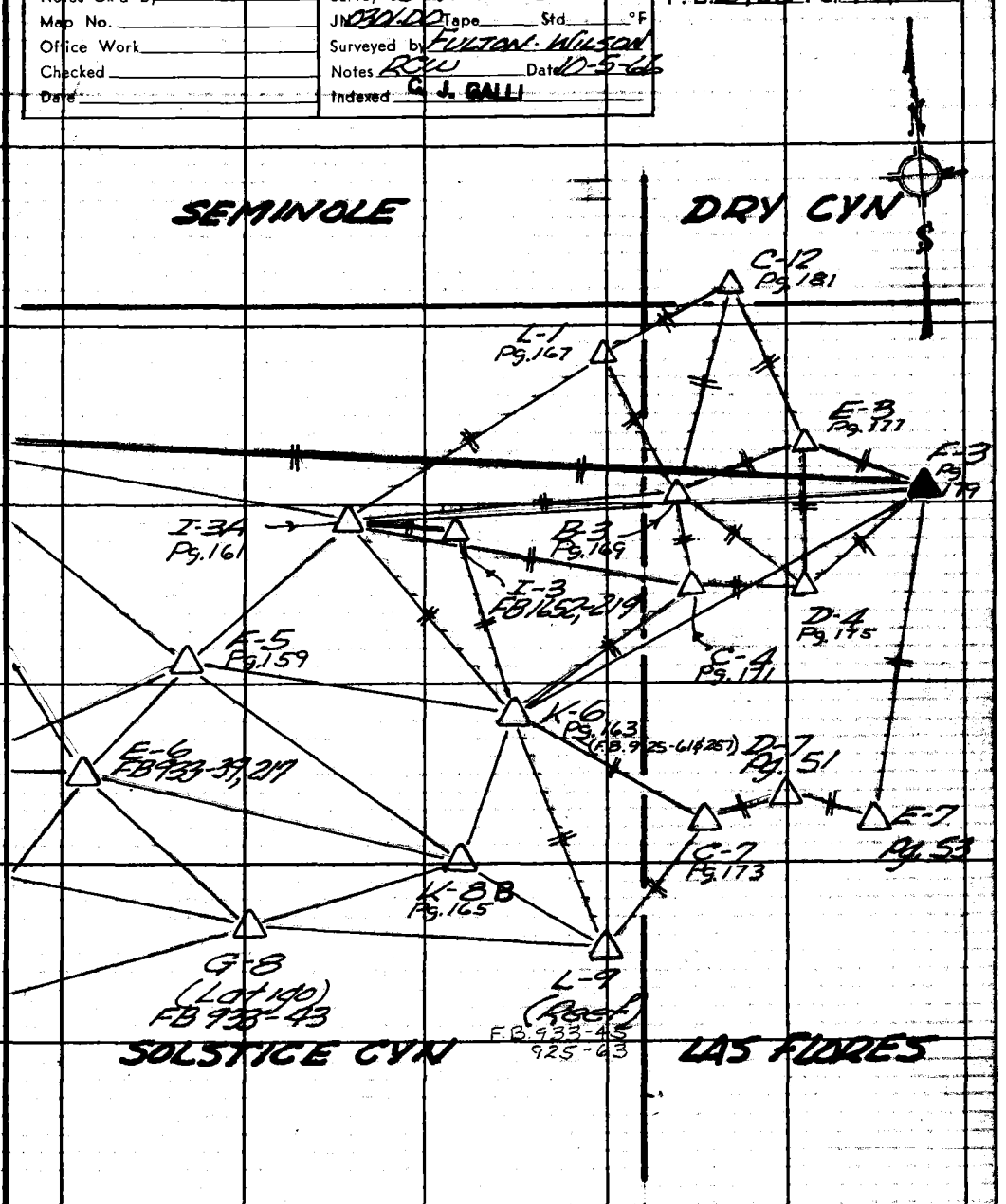
Placed on Div. W.S. No.
Sketch on Geo. Desc. Card



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76F309S CE#310 1-65

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F. B. 2458 PG. 142

Notes Ck'd by
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Office Work
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Date

Survey of SANTA MONICA MTNS. M-3
JN 0301.00 Tape 0144 Std 84 °F
Surveyed by FULTON
Notes J.F Date 8-66
Indexed C. J. GALLI

F. B. 2458 PG. 143

Noted on Geo. Index Card
Plotted on U.S.G.S. Quad. Sht.
Plotted on Sur. Div. U. S. No.
Sketch on Geo. Desc. Card

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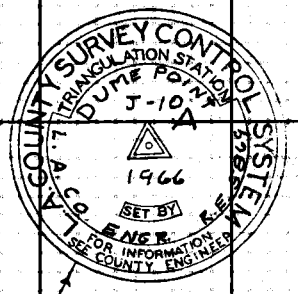
L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
DUME POINT J-10A



SET R.M. 1
SEE NEXT PG.

FD D.P.L-7
F.B. 933-15

300' TAPE 0144
T. 71°
51.40 @ LEV = 51.40
54.455 @ Lev = 54.455
85.98 @ Lev = 85.97

50 M. TAPE M-3
T. 71°
15.669 @ LEV. = 51.407
16.599 @ Lev = 54.459
26.204 @ LEV = 85.961

51.40 FT.
15.669 M.

SET D.P. J-10A
SEE NEXT PAGE

85.97 FT.
26.204 M.

108° 34' 00"

1) 108-34-00
4) 74-16-00
6) 291-24-00
108-34-00

54.455 FT.
16.599 M.

SET R.M. 2
SEE NEXT PG.

FD D.P.L-12
F.B. 933-57

70F3095 CE #310 6-83

F. B. 2458 PG 144

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

DUME POINT J-10 A

AREA THIS STATION IS IN LOS ANGELES COUNTY, IN THE SANTA MONICA MTNS., IN THE TOPANGA MALIBU SEQUIT, 6200'± S. OF PARTIAL SEC. 36 T. 1S. R 19W., 2000'± N.E. FROM THE PACIFIC OCEAN, 2800'± W. OF ZUMA CANYON. POINT DUME QUADRANGLE.

ROUTE FROM THE INTERSECTION OF PACIFIC COAST HWY & MORNING VIEW DRIVE (300' W. OF ZUMA BEACH LIFE GUARD STATION) DRIVE N'LY ON MORNING VIEW DRIVE 0.15 MI TO DIRT ROAD ON RIGHT, DRIVE E'LY ON DIRT RD 500' TO TOP OF HILL, TURN LEFT AND DRIVE N'LY ON TRAVELED TRACKS UP RIDGE 0.2 MI TO STATION.

STATION MARK A 4" L.A.CO SUR. CONT. SYSTEM BRASS TRIAN. DISC STAMPED" DUME POINT J-10 A 1966, L.A.CO. ENGR R.E. 5869" UP 6" IN 12"x12" CONC. PAD.

SUB SURFACE MARK NONE SET

REFERENCE MARK Nº 1
A 4" L.A.CO. SUR. CONT. SYSTEM BRASS REFR. MARK DISC STAMPED" DUME POINT J-10 A R.M.-1 1966 L.A.CO. ENGR. RE 5869" UP 6" IN 12"x12" CONC. PAD

REFERENCE MARK Nº 2
A 4" L.A.CO. SUR. CONT SYSTEM BRASS REFR. MARK DISC STAMPED" DUME POINT J-10 A R.M.-2 1966 L.A.CO.ENGR. R.E. 5869" UP 6" IN 12"x12" CONC. PAD.

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Notes Ck'd by	Survey of SANTA MONICA MTNS
Map No.	JN 030100 Tape 144 M-3 Std 84 °F
Office Work	Surveyed by FULTON
Checked	Notes J.F. Date 9-1-66
Date	Indexed C. J. GALLI

F. B. 2458 PG. 145

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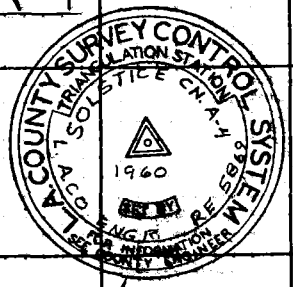
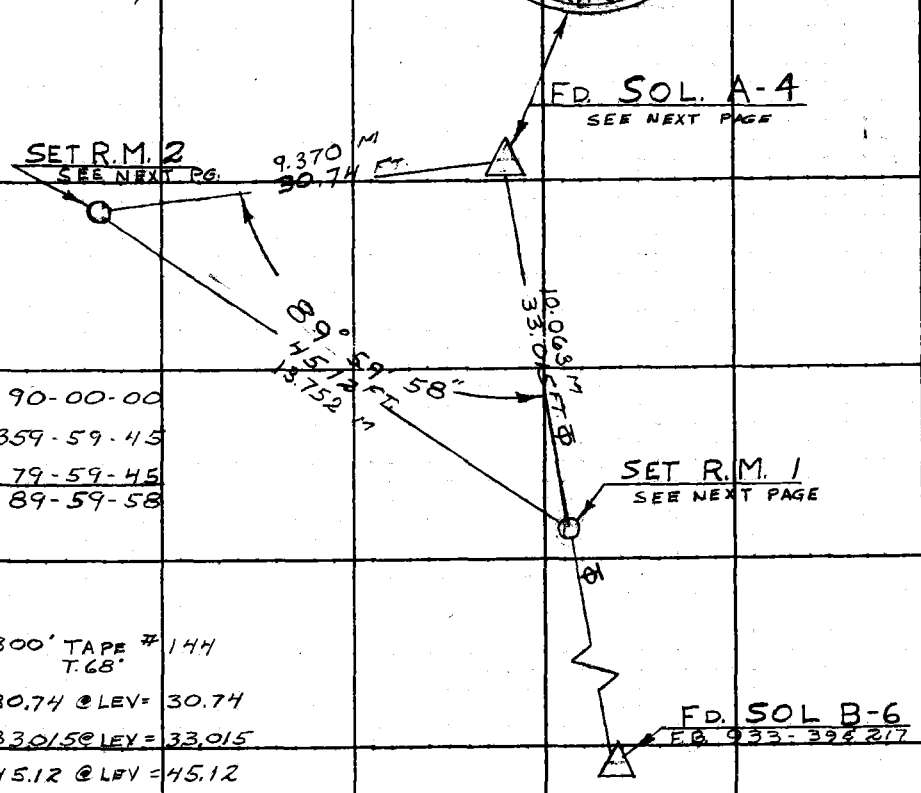
Plac U.S.G.S. Quad. Shts.
Plac Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

SOLSTICE CN A-4



SEE ALSO
FB 2639-51
Rf.m 5-9-67



① 90-00-00
④ 359-59-45
⑥ 179-59-45
89-59-58

300' TAPE # 144
T. 68°
30.74 @ LEV = 30.74
33.015 @ LEV = 33.015
45.12 @ LEV = 45.12
50M TAPE # M-3
T. 68°
9.370 @ LEV = 30.741
10.063 @ LEV = 33.015
13.752 @ LEV = 45.118

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76F309S CE #310 6-63

F. B. 2458 PG 146

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

AREA SOLSTICE CN. A-4

THIS STATION IS IN LOS ANGELES COUNTY, IN THE SANTA MONICA MTNS., IN SEC 20 T. 1 S. R. 18 W. 3700' ±W. OF THE EAST LINE, 300' ±S. OF THE N. LINE. POINT DUME 7½' QUAD

ROUTE

FROM THE INTERSECTION OF PACIFIC COAST HWY & LATIGO CN. RD. DRIVE N'LY UP LATIGO CN RD 7.5 MI. TO TOP OF GRADE AND TWO ROADS ON LEFT (WEST), DRIVE UP MOST S'LY AND STEEPEST ROAD 200 FT TO TOP, BEAR LEFT ON TRAV. TRACKS AND DRIVE 300 FT. W'LY OUT RIDGE TO STATION.

STATION MARK

A 4" L.A. CO. SUR. CONT. SYSTEM BRASS TRIAN. DISC STAMPED " SOLSTICE CN A-4, 1960, L.A. CO ENGR. R.E. 5869" FLUSH, SET IN CONC. NO RECORD

SUB SURFACE MARK: NO RECORD

REFERENCE MARK Nº 1

A 4" L.A. CO SUR. CONT. SYSTEM BRASS REF. MARK DISC STAMPED" SOLSTICE CN. A-4, R.M. 1, 1966 L.A. CO. ENGR RE 5869" UP 6" SET IN 12"x12" CONC PAD

REFERENCE MARK Nº 2

A 4" L.A. CO. SUR. CONT SYSTEM BRASS REFR. MARK DISC STAMPED" SOLSTICE CN A-4 R.M. 2 1966 L.A. CO. ENGR. R.E. 5869" UP 6" SET IN 12" x 12" CONC. PAD

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Office Work
Checked
Date

Survey of SANTA MONICA MTNS
JN 0301 00 Tape 144 Std @ 4 °F
Surveyed by WILSON-FULTON
Notes J.F. Date 9-19-66
Indexed D. J. CALLI

F. B. 2458 PG. 147

Moved on Index Card
Placed on U.S. Quad. Sht's.
Placed on Sur. Div. W.S. No.
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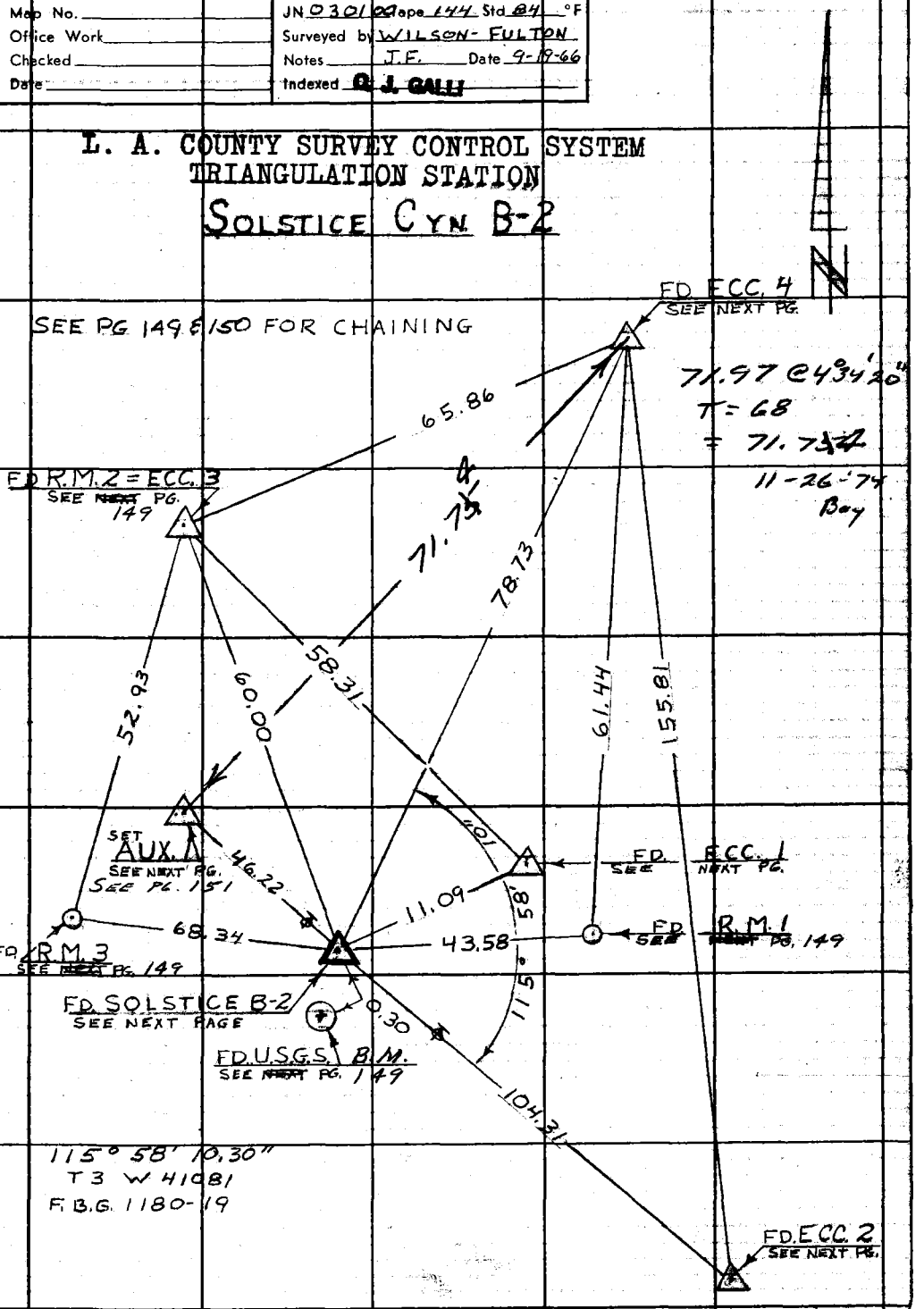
L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SOLSTICE CYN B-2



F. B. 2458 Pg 148

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SOLSTICE CYN. B-2

AREA
THIS STATION IS IN LOS ANGELES COUNTY, IN THE SANTA MONICA MTNS. NEAR THE CTR. OF THE N.E. 1/4 OF SEC. 17, T. 1 S. R. 18 W., AT CASTRO PEAK FIRE LOOKOUT TOWER. POINT DUME QUADRANGLE.

ROUTE
THIS STATION MAY BE REACHED FROM CORRAL CYN. RD, LATIGO CYN. RD. & MULHOLLAND HWY VIA FIRE TRUCK TRAILS.

STATION MARK
A 3/4" COPPER BOLT IN 36" TRIANGULAR CONC. PAD UP 6" IN 60" TRIANGULAR CONC. PAD UP 15" ABOVE GROUND. CHISLED X AND PUNCH MARK. F.B. 525-73 F.B. 1652-221, 235, 237

ECCENTRIC Nº 1
A 4" COOPERATIVE SURVEY CONTROL BRASS TRIANG. DISC STAMPED "CASTRO ECC. 1, 1933, R.E. 62 (EST. BY) C.S.C." SET BY L.A. COUNTY & L.A. CITY DN. 2" IN 12"x12" CONC. PAD. NO REFR.

ECCENTRIC Nº 2
A 4" L.A. CO. SUR. CONT. SYSTEM BRASS TRIAN. DISC STAMPED "CASTRO ECC. NO. 2 1948 COUNTY SURVEYOR R.E. 329" DN. 4" IN 12"x12" CONC PAD IN ROAD. F.B. 933-53 F.B. 1652-221

ECCENTRIC Nº 3
SEE R.M. 2

ECCENTRIC Nº 4
A 4" L.A. CO. SUR. CONT. SYSTEM BRASS TRIAN. DISC STAMPED "CASTRO ECC. 4 1951 COUNTY SURVEYOR R.E. 329" FLUSH IN 9"x9" CONC PAD. F.B. 525-73 F.B. 933-53 F.B. 1652-221

AUX. Nº 1
A 4" L.A. CO. SUR. CONT. SYSTEM BRASS TRIAN. DISC STAMPED "SOLSTICE CYN. B-2, AUX. 1 1966, R.E. 5869" UP 6" IN 12"x12" CONC. PAD. F.B. 2458-151

CONT. PG. 149

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Map No.	JN 0301.00 Tape 144 Std 84 °F
Office Work	Surveyed by WILSON - FULTON
Checked	Notes JF Date 9-19-66
Date	Indexed C. J. GALLI

F. B. 2458 PG. 149

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
(SOLSTICE CYN B-2)

REFERENCE MARK Nº 1

A 4" U.S.C.&G.S. BRASS REFR. MARK DISC STAMPED "CASTRO Nº1 1898, 1923" CEMENTED IN 18"x30" SANDSTONE ROCK UP 18"
NO REFR.

REFERENCE MARK Nº 2 = ECC. # 3

A 4" U.S.C.&G.S. BRASS REFR. MARK DISC STAMPED "CASTRO NO. 2 1932 1898" CEMENTED IN 24"x36" SANDSTONE ROCK UP 15" ON SOUTH SIDE AND UP 36" ON NORTH SIDE
REFR.: U.S.C.&G.S. SPECIAL PUBLICATION Nº 202 PG. 309

REFERENCE MARK Nº 3

A 4" U.S.C.&G.S. BRASS REFR. MARK DISC STAMPED "CASTRO NO. 3 1898" UP 7" IN 10" DIAMETER CONC POST.
DRILL HOLE IN DISC OFF CENTER, CTR. USED.
NO REFR.

A 4" U.S.G.S. BRASS B.M. DISC IN SAME CONC. PAD AS CTR. STATION 0.30' S'LY.
NOT STAMPED, NO RECORD

CHAINING

300' TAPE # 144

CTR. STA. TO	R.M. 1	43.58 LEV	T.80° = 43.58	RECORD
"	R.M. 2	60.00 LEV	T.80° = 60.00	RECORD
"	R.M. 3	68.34 LEV	T.80° = 68.34	RECORD
"	ECC. 1	11.09 LEV	T.80 = 11.09	
"	ECC. 2	68.74 LEV T.82 35.57 LEV. T.82	} 104.31	
	METRIC TAPE M-6	20.954 LEV T.82 10.841 LEV	} 31.795	

TO PG. 150

Noted on Geo. Index Card
Plac... U.S.G.S. Quad. Shts.
Plac... Sur. Div. W.S. No.
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76F309S CE#310 1-65

F. B. 2458 PG. 150

300' TAPE #0144

CTR. STA TO ECC. 4 — 47.995 LEV. 30.73 LEV. T. 84° } 78.725

50MTR TAPE M-C — 9.365 14.628 LEV T. 84 — 23.993 + .003 = 23.996 TEMP.

R.M. 1 TO ECC 4
100' TAPE 0137 — 61.43 LEV. — T92° = 61.44
" 191 — 61.43 LEV — = 61.44

R.M. 2 TO ECC 4
100' TAPE 0137 — 65.85 LEV. — T. 92° = 65.86
" 191 — 65.85 LEV. — = 65.86

R.M. 2 TO R.M. 3 0137 — 52.92 LEV. — T92° = 52.93
100' TAPE 191 — 52.92 LEV. — = 52.93

ECC 1 TO R.M. 2
100' TAPE 0137 — 58.30 LEV. — T92° = 58.31
" 191 — 58.30 LEV — = 58.31

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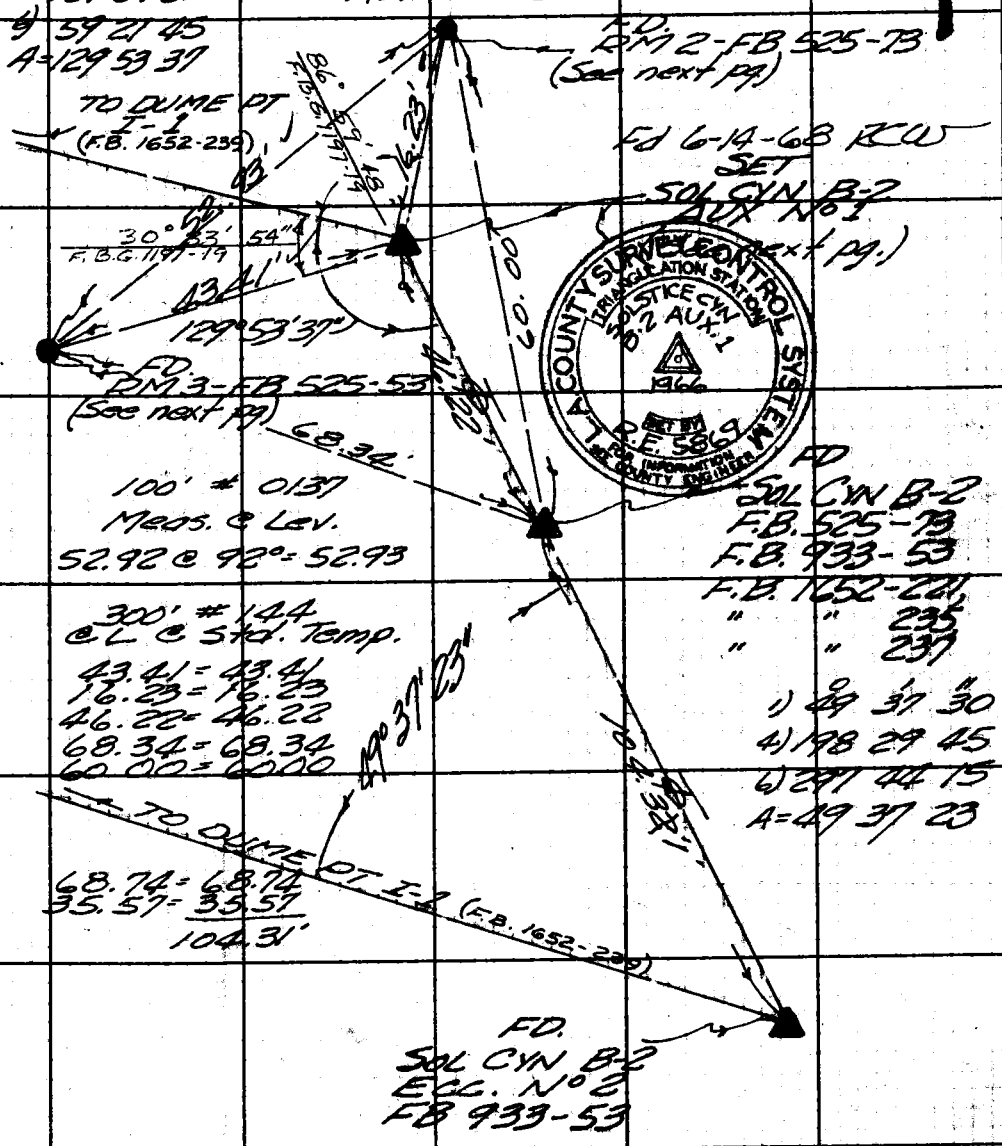
Notes Ck'd by	Survey GEODETIC CONTROL
Map No.	JN 0301.00 Tape 144 Std 84 °F
Office Work	Surveyed by R.C. Wilson
Checked	Notes RCW Date 9-20-66
Date	Indexed C. J. GALLI

F. B. 2458 PG. 151

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SOLSTICE CYN B-2
AUX No 1
(CASTRO PEAK)
AUX No 1

1) 129° 53' 45"
4) 159 34 30
6) 59 21 45
A = 129 53 37



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Placed on Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

76F3095 CE #310 6-62

F. B. 2458 PG 152

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SOL CYN B-2 AUX No 1
(CASTRO PEAK)
- AUX No 1

AREA: This triangulation station is located in Los Angeles County in the Santa Monica Mtns near the ctr. of the N.E. 1/4 of Sect. 12, T1S, R18W of Castro Peak Fire Lookout Tower. (See U.S.G.S. 7½' POINT DUME quad.)

ROUTE: This station may be reached from ~~Carbon~~ Cyn Rd., Latigo Cyn Rd., & Mulholland Hwy via fire truck trails.

STATION MARK: A 4" L.A. Co. Sur. Cont. System brass Triangulation disc stamped "SOLSTICE CYN B-2 AUX. 1 1966 RE 5869" up 6" ~~in~~ and set in 6" Conc. Post, with 12"x12" conc. pad around post.

SUB. SURFACE MARK: None Set.

REFERENCE MARK 2: A 4" U.S.C. & G.S. RM Stamped "CASTRO No 2 1898, 1933" and cemented in a 2'x3' sandstone rock projecting 15" above ground.

REFERENCE MARK 3: A 4" U.S.C. & G.S. RM stamped "CASTRO No 3 1898" and set in 12" Conc. post projecting 7" above ground. (Note: drill hole in mon. off of ctr cross. ctr. used.)

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F.B. 2458 Pg. 153

Profile No.	Notes Red	Plotted	Job No. 0301.00 Division No.
	Date	Date	Survey of SANTA MONICA MTNS.
X-Sec. No.	Notes Chkd.	Checked	Survey by WILSON Notes JGR Date SEP-66
	Date	Date	Map No. Indexed G. J. GALLI Date

Noted on Geo. Desc. Card
Placed on U.S. Quad. Shts.
Placed on Sur. Div. W.S. No.
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STATION	B.S.	H.I.	F.S.	ELEV.

SOLSTICE B-2
(CASTRO)

DIFFERENCE IN ELEV. ON:

SOL B-2 AUX 1
&
SOL B-2 ECC 2

PARTY

WILSON
RANDALL
PYLE
MANLEY

76L-298 CE 307 11-58

76L-266 CE 307 11-56

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F.B. 2458 Pg. 154

Job No. 2350.00 Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of SANTA MONICA MTNS. Date SEP-64 Date _____ No. _____ X-Sec.

Survey by WILSON Notes J.G.R. Notes Chkd _____ Checked _____

Indexed C. J. GALLI Date _____ Date _____ No. _____

STATION	B.S.	H.I.	F.S.	ELEV		
SOL. B-2				2824.00	B.M.: ASSUMED ELEV. = 2824 (QUAD. SHEET) TOP OF 3/4" COPPER BOLT. TRIANGULATION STATION SOL. B-2. F.B. 525-73, F.B. 933-53, F.B. 2458-147	
	2670	2826.670				
SOL B-2 AUX. 1			5243	2821.427	SOL. B-2 AUX 1, A 4" L.A.CO. SUR. CONT. SYSTEM BRASS DISC, STAMPED SOL. B-2 AUX 1. F.B. 2458-147 & 151	
T	4854	2826.281				
SOL B-2 ECC. 2			10048	2816.233	SOL. B-2 ECC. 2, A 4" L.A.CO. SUR. CONT. SYSTEM BRASS DISC, STAMPED CASTRO ECC. 2, 1948. F.B. 933-53, F.B. 2458-147 & 156	
T	9500	2825.733				
SOL. B-2			1733	2824.000	B.M. SEE SOL. B-2 ABOVE.	

Notes Ck'd by	Survey of SANTA MONICA MTNS
Map No.	JN 0301.00 Tape M-6 144 Std 84 °F
Office Work	Surveyed by FULTON
Checked	Notes JF Date 9-66
Date	Indexed C. J. GALLI

F. B. 2458 PG. 155

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

SOLSTICE CN B-2

ECCENTRIC TIE
FROM
ECC. 2 & ECC 4
TO
CENTER STATION

0301.00

PARTY
FULTON
RANDALL
PYLE
MANLEY
TULLIER

Noted on Gen. Index Card
Placed on U.S.G.S. Quad. Shts.
Placed on Sur. Div. W.S. No.
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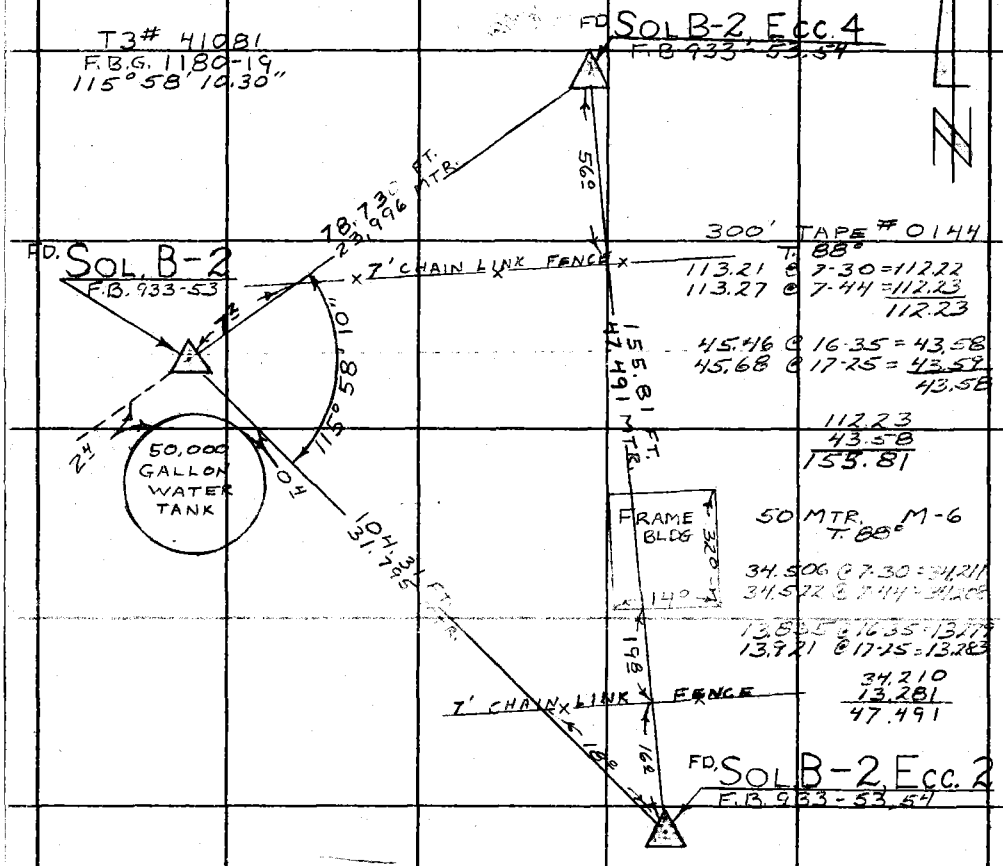
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

F. B. 2458 Pg. 156

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION



300' TAPE # 0144
T. 88°
113.21 @ 7-30 = 112.22
113.27 @ 7-44 = 112.23
112.23

45.46 @ 16-35 = 43.58
45.68 @ 17-25 = 43.58
43.58

112.23
43.58
155.81

50 MTR. M-6
T. 88°
34.506 @ 7-30 = 34.211
34.522 @ 7-44 = 34.209
13.885 @ 16-35 = 13.279
13.921 @ 17-25 = 13.283
34.210
13.281
47.491

300' TAPE #0144
T. 84°
47.995 @ LEV = 47.995
30.23 @ LEV. = 30.730
78.725

T. 82°
68.74 @ 68.74 = 68.74
35.57 @ 35.57 = 35.57
104.31

50 MTR. # M-6
T. 84°
9.365 @ LEV. = 9.365
14.628 @ LEV. = 14.628
.003 TEMP.
23,996

T. 82°
20.954 @ LEV. = 20.954
10.841 @ LEV = 10.841
31.795

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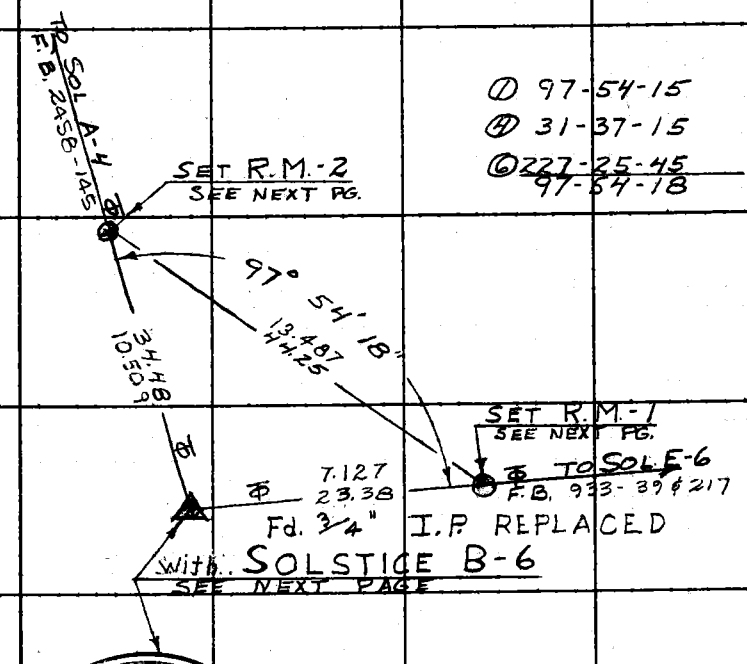
Notes Ck'd by	Survey of SANTA MONICA MTNS
Map No.	JN 0301.00 Tape 0144 Std 84 °F
Office Work	Surveyed by FULTON
Checked	Notes J.F. Date 8-31-66
Date	Indexed G.L. GALL

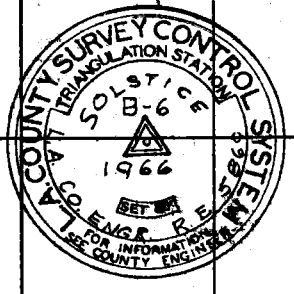
F. B. 2458 PG. 157

Noted on B[illegible]dex Card
Placed on [illegible]S. Quad. Shts.
Placed on [illegible]W. W.S. No.
Sketch on Geo. Desc. Card

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

SOLSTICE CN. B-6





50 METER # M-3	300 FT. # 144
T. 72°	T. 72°
10.509 = 34.478	34.48 @ LEV. = 34.48
7.127 = 23.382	23.38 @ LEV = 23.38
13.487 = 44.249	44.25 @ LEV. = 44.25

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76F309S CE #310 6-63

F. B. 2458 PG 158

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SOLSTICE CN B-6

AREA:

THIS STATION IS IN LOS ANGELES COUNTY, IN THE SANTA MONICA MTNS., IN SEC. 29 T. 1 S. R. 18 W. 2100' W. OF THE EAST LINE, 1500' N. OF THE SOUTH LINE. POINT DUME 15' QUAD

ROUTE:

FROM THE INTERSECTION OF PACIFIC COAST HWY AND LATIGO CN. RD. DRIVE UP (N'LY) LATIGO CN. 2.8 MI TO MAGUIRE DR. ON LEFT (WEST), DRIVE DOWN MAGUIRE DR. 0.3 MI. TO ESCONDIDO DR., TURN LEFT (S) AND DRIVE 0.15 MI. TO DIRT ROAD ON RIGHT, DRIVE W'LY UP GRADE 0.9 MI TO "Y", WITH 4 W. D VEHICLE DRIVE UP SLOPE BETWEEN ROADS 0.1 MI TO TOP HILL AND STATION.

STATION MARK:

A 4" L. A. CO. SUR. CONT. SYSTEM BRASS TRIAN. DISC. STAMPED" SOLSTICE B-6, 1966, L. A. CO. ENGR. RE 5869", UP 6" SET IN A 12" x 12" CONC PAD. (THIS STATION IS A REPLACEMENT OF A 3¼" I. P. # L-3, NO REFERENCE)

SUB SURFACE MARK: NONE SET

REFERENCE MARK Nº 1:

A 4" L. A. CO. SUR. CONT. SYSTEM BRASS REFR. MARK DISC STAMPED" SOLSTICE B-6, R.M. 1, 1966, L. A. CO. ENGR RE 5869", UP 6", SET IN A 12" x 12" CONC. PAD

REFERENCE MARK Nº 2:

A 4" L. A. CO. SUR. CONT SYSTEM BRASS REFR MARK DISC STAMPED" SOLSTICE B-6 R.M. 2 1966 L. A. CO ENGR RE 5869", UP 6", SET IN A 12" x 12' CONC. PAD

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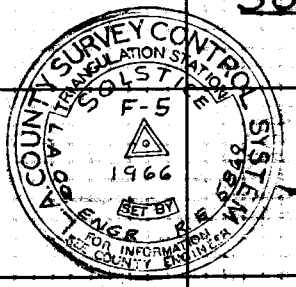
Date

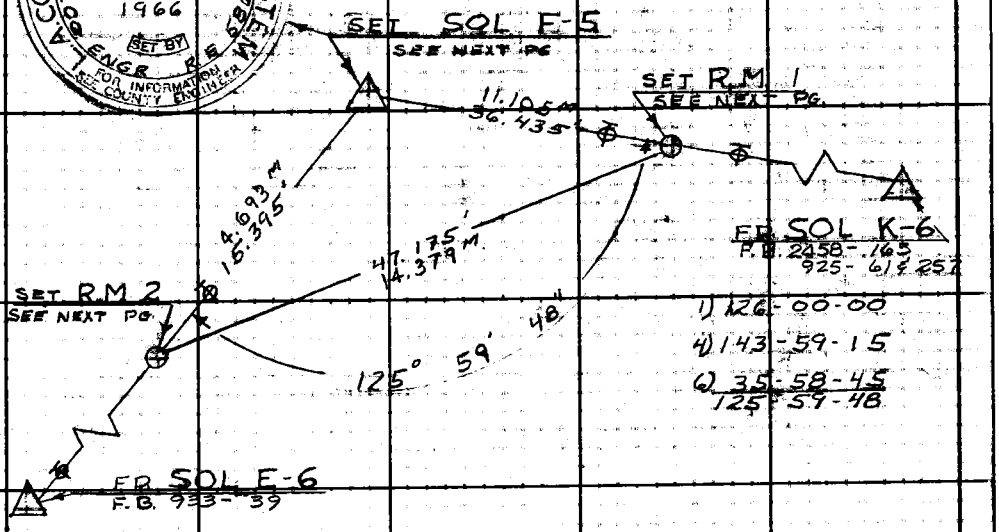
Survey of SANTA MONICA MTNS
JN 23010 Tape 144 Std 84 °F
Surveyed by FULTON
Notes SF Date 8-66
Indexed R. J. GALLI

F. B. 2458 PG. 159

Noted on Geo. Index Card
Plan on U.S.C.&G.S. Quad. Shts.
Placed on Sur. Inv. W.S. No.
Sketch on Geo. Desc. Card

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SOLSTICE CN F-5





1) 126-00-00
4) 143-59-15
6) 35-58-45
125° 59' 48"

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T. 72°
300' TAPE @144
15.395 @ LEV = 15.395
36.44 @ LEV = 36.44
47.17 @ LEV = 47.17

T. 72°
50 M TAPE M-3
4.693 @ LEV = 15.397
11.105 @ LEV = 36.434
14.379 @ LEV = 47.175

76E3085 CE #310 8-63

F. B. 2458 PG 160

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SOLSTICE CN F-5

AREA

THIS STATION IS IN LOS ANGELES COUNTY IN THE SANTA MONICA MTNS. SEC. 22 T. 1 S. R. 18W 300' NORTH OF THE SOUTH LINE, 1700' EAST OF THE WEST LINE. POINT DUME QUAD

ROUTE

FROM THE INTERSECTION OF PACIFIC COAST HWY AND CORRAL CN. RD. DRIVE N'LY UP CORRAL CN RD. 3.8 MI TO A DIRT ROAD ON LEFT, DRIVE W'LY 0.25 MI TO FORK, BEAR LEFT (W'LY) AND DRIVE 0.15 TO TOP OF HILL AND STATION.

STATION MARK

A 4" L.A. CO. SUR. CONT. SYSTEM BRASS TRIANG. DISC STAMPED "SOLSTICE F-5, 1966, L.A.CO. ENGR. R E 5869" UP 6" AND SET IN A 12"x12" CONC. PAD

SUB SURFACE MARK NONE SET

REFR. MARK Nº 1

A 4" L.A. CO. SUR. CONT. SYSTEM BRASS REFR. MARK DISC STAMPED" SOLSTICE F-5, R.M-1 1966 L.A.CO. ENGR. R.E. 5869" UP 6" AND SET IN A 12"12" CONC. PAD

REFR. MARK Nº 2

A 4" L.A. CO SUR CONT SYSTEM BRASS REFR. MARK DISC STAMPED" SOLSTICE F-5 R.M.-2 1966 L.A.CO ENGR. R.E. 5869" UP 6" AND SET IN A 12"x12" CONCRETE PAD.

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Map No.
Office Work
Checked
Date

Survey of SANTA MONICA MTNS
JN0330.00 Tape M-3 Std 84 °F
Surveyed by J.R. FULTON
Notes JGR Date SEP '66
Indexed G. J. GALLI

F. B. 2458 PG. 161

Noted on Geod. Index Card
Plotted on U.S.C.&G.S. Quad. Sht.
Plotted on Cal. Div. W.S. No.
Sketch on Geod. Descr. Card

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L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SOLSTICE CN. I-3A

SET R.M. Nº 2 ON LINE PROD. FROM SOL. CN. K-6 (SEE NEXT PG.)

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SOLSTICE I-3A
1966
SET BY L.A.C. ENGR. R.E. 5963
FOR INFORMATION SEE COUNTY ENGINEER

SET SOL. CN. I-3A (SEE NEXT PG.)

39.95 / 12.177 Mtr.

20.07 / 6.115 Mtr.

31.25 / 9.523 Mtr.

80° 02' 10"

SET R.M. Nº 1 ON LINE TO SOL. CN. F-5 F.B. 2458-159, SEE NEXT PG. FOR DESC. OF R.M.

1) 80 - 02 - 15
4) 320 - 08 - 30
6) 120 - 12 - 45
AV) 80 - 02 - 08

LINE TO SOL. CN. F-5
(F.B. REF. ABOVE)

300' Nº 144 T = 74°

39.95 @ Lev. = 39.95
20.07 @ Lev. = 20.07
31.25 @ Lev = 31.25

50 Mtr. Nº M-3 T = 74°

12.177 @ Lev = 12.177
6.115 @ Lev = 6.115
9.523 @ Lev = 9.523

TO SOL. CN. K-6 F.B. 2458-163, F.B. 925-61 & 257.

76F309S CE #310 6-63

F. B. 2458 PG 162

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

SOLSTICE CK. I-3A

AREA:

THIS STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE SANTA MONICA Mtns., IN THE S.E. ¼ OF SEC. 14 T. 1 S.-R. 18 W., APPROX. 1600 FT. FROM THE EAST LINE & 1500 FT. FROM THE SOUTH LINE OF ABOVE SECTION. MALIBU BEACH QUAD.

ROUTE:

FROM THE INTERSECTION OF MALIBU CYN. RD & PIUMA RD. DRIVE S'LY 500FT. ACROSS MALIBU CREEK, TO ROAD ON RIGHT (WEST), TURN RIGHT ON THIS RD. (THROUGH L.A. CO. DETENTION CAMP Nº 16), 0.3 MI. TO A DIRT RD. ON THE LEFT. FOLLOW DIRT RD., UPGRADE, BEAR RIGHT AT 0.3 MI AND AGAIN AT 0.1 MI, THROUGH "L-GATE", CONTINUE UPGRADE 1.1 MI. TO PUERCO MWY., TURN RIGHT (NORTH'LY) AND CONTINUE 1.3 MI., TO HILL ON THE LEFT (SOUTH). STATION IS ON THE TOP OF SMALL HILL. HIKING UP ON THE EAST SLOPE IS EASIEST.

STATION MARK:

SET A 4" L.A. CO. SUR. CONT. SYSTEM BRASS TRIANGULATION DISC, STAMPED: "SOLSTICE I-3A, 1966, L.A. CO. ENG'R. R.E. 5869", UP 3" AND SET IN A 12" x 12" CONC. PAD.

NOTE: SEE NOTE BELOW FOR REFERENCE.

SUB-SURFACE MARK:

NONE SET

REFERENCE MARK Nº 1:

A 4" L.A. CO. SUR. CONT. SYSTEM BRASS REF. MARK DISC STAMPED, "SOLSTICE I-3A, R.M. 1, 1966, L.A. CO. ENGR. R.E. 5869", UP 3" AND IN A 12" x 12" CONC. PAD. SET ON LINE TO SOL. K-S.

REFERENCE MARK Nº 2:

A 4" L.A. CO. SUR. CONT. SYSTEM BRASS REF. MARK DISC, STAMPED, "SOLSTICE I-3A, R.M. 2, 1966, L.A. CO. ENGR. R.E. 5869", UP 3" AND IN A 12" x 12" CONC. PAD. SET ON LINE PROD. FROM SOL. K-4.

NOTE:

THIS STATION IS A REPLACEMENT OF A 3¼" I.P. (PHOTO CONTROL) Nº C-12. REFERENCE. CEFB 3253-20

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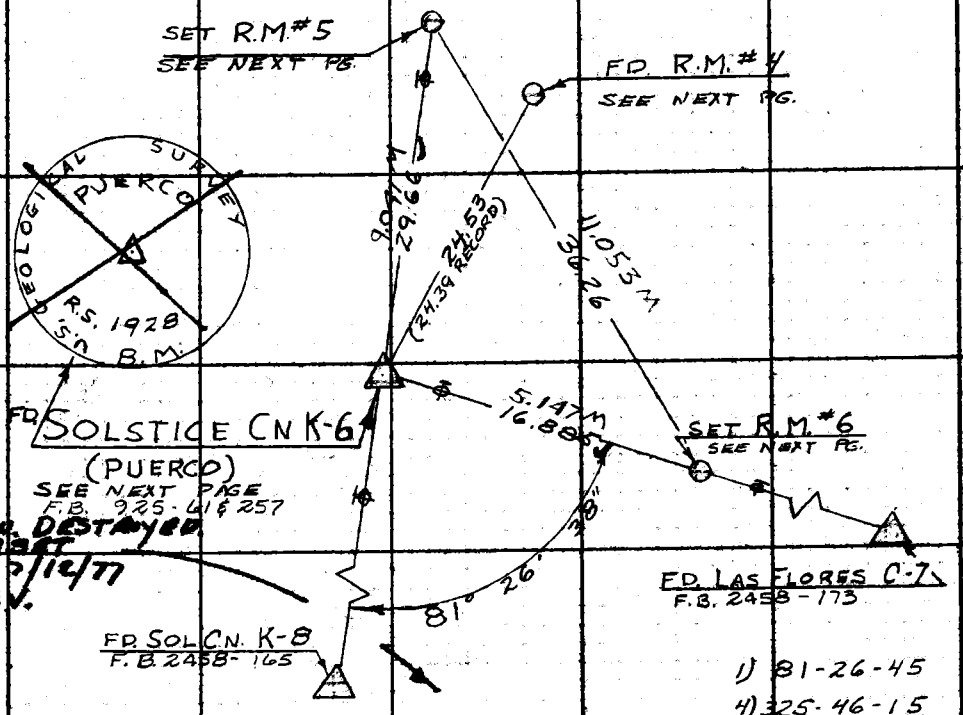
Notes Ck'd by	Survey of SANTA MONICA MTNS
Map No.	JN 030100 Tape 0144 M-3 Std 84 °F
Office Work	Surveyed by FULTON
Checked	Notes J.F. Date 9-12-66
Date	Indexed R. J. GALLI

F. B. 2458 PG. 163

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

SOLSTICE CN K-6
(PUERCO)



1) 81-26-45
4) 325-46-15
6) 128-39-45
81-26-38

300' TAPE 0144
T.74

29.66 @ LEV = 29.66
16.885 @ LEV = 16.885
36.26 @ LEV = 36.26
24.53 @ LEV = 24.53

50 M TAPE M-3

9.041 @ LEV = 29.662
5.147 @ LEV = 16.886
11.053 @ LEV = 36.263

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SOLSTICE K6
1977
SET BY
RE 22726
FOR INFORMATION SEE COUNTY ENGINEER

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403 LOS ANGELES COUNTY ENGINEERING BLDG.
76F309S CE #310 6-63

F. B. 2458 PG. 164

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

SOLSTICE CN. K-6
(PUERCO)

AREA

THIS STATION IS IN LOS ANGELES CO., IN THE SANTA MONICA MTNS. IN SEC. 25 T. 1 S. R. 18W., 800' WEST OF THE EAST LINE, 1500' SOUTH OF THE NORTH LINE, MALIBU BEACH QUAD.

ROUTE

FROM THE INTERSECTION OF MALIBU CN. RD & PIUMA RD. DRIVE S'LY 500 FT ACCROSS BRIDGE OVER MALIBU CREEK, TO ROAD ON RIGHT (WEST), FOLLOW W'LY ON THIS ROAD THROUGH COUNTY DET. CAMP Nº 16 0.3 MI., TO A DIRT RD. ON LEFT, DRIVE S'LY UP GRADE, BEAR RIGHT AT 0.3 MI. AND AGAIN AT 0.1 MI. THROUGH "L-GATE", BEAR RIGHT 300FT., 1.0 MI TURN LEFT ON PUERCO 1 MI W.X., 0.45 MI. BEAR LEFT ALONG TOP OF RIDGE TO STATION

STATION MARK- A 4" L.A.Co SUR. CONT. SYSTEM BRASS TRIAN. DISC, STAMPED SOLSTICE K6 1977 RE 22726 SET FLUSH IN A 6" CONC. POST UP 3". B.M.

~~A 4" U.S.G.S. BRASS (TRIAN.) DISC STAMPED "PUERCO R.S. 1928" UP 2" IN 10" CONC. PAD. SUB SURFACE MARK — NO RECORD~~

R.M. 1 DESTROYED 4-4-58

R.M. 2 NO RECORD

R.M. 3 DESTROYED 9-12-66

R.M. 4 A 2½" L.A. CO. ENGR. BRASS DISC STAMPED "PUERCO R.M. 4 1958, RE. 5869" DOWN 12" APPEARED DISTURBED 9-12-66

R.M. 5 A 4" L.A. CO. SUR. CONT. SYSTEM BRASS REFR. MARK DISC STAMPED "SOLSTICE CN K-6 PUERCO, R.M.-5, 1966. L.A. CO. ENGR. RE 5869" UP 6" IN 12" x 12" CONC PAD.

R.M. 6 A 4" L.A. CO. SUR. CONT SYSTEM BRASS REFR. MARK DISC STAMPED "SOLSTICE CN K-6, PUERCO, R.M.-6, 1966, L.A CO ENGR R.E 5869" UP 6" IN 12" x 12" CONC PAD.

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Plat to U.S.G.S. Quad. Shts.
Plat to Sur. Div. W. S. No.
Sketch on Geo. Desc. Card

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

Survey of SANTA MONICA MTNS
JN 02301 Tape 0144 Std 84 °F
Surveyed by FULTON
Notes JF Date 8-66
Indexed by

F. B. 2458 Pg. 165

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

SOLSTICE CN K-8B

FD SOL K-6
F.B. 2458 - 163

SET R.M. 1
SEE NEXT PG.

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SOLSTICE
K-8B
1966
SET BY
L.S. 5869
ENGR.
FOR INFORMATION SEE COUNTY ENGINEER

27.42

300' TAPE 0144
T. 74°
27.42 @ LEV = 27.42
26.855 @ LEV = 26.855

50m TAPE M-3
T. 74°
8.357 @ LEV. = 27.418
8.185 @ LEV = 26.854

SET SOL. K-8B
SEE NEXT PG.

26.856

SET R.M. 2
SEE NEXT PG.

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78F3085 CE #310 6-83

F. B. 2458 Pg 165

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

SOLSTICE CN. K-8 B

AREA

THIS STATION IS IN LOS ANGELES COUNTY, IN THE SANTA MONICA MTNS., IN THE TOPANGA - MALIBU SEQUIT, 1800' SOUTH OF PARTIAL SEC. 36 T. 1 S. R. 18 W., 300' S.E. OF HILL 763 U.S.G.S. MALIBU BEACH, CALIF QUADRANGLE.

ROUTE

FROM THE INTERSECTION OF PACIFIC COAST HWY & MALIBU CN. RD., DRIVE WEST ON PACIFIC COAST HWY 1.05 MI TO A GATE ON RIGHT (NORTH), PROCEED UP HILL (NO ROAD) 0.45 MI TO TRAVELED TRACKS, PROCEED W'LY UP GRADE 0.2 MI TO GATE, PASS THROUGH FENCE AND HIKE 200' UP FIRE BREAK TO TOP OF HILL AND STATION. DRIVE WITH 4 W.D. VEHICLE.

STATION MARK

A 4" L.A.CO. SUR. CONT. SYSTEM BRASS TRIAN. DISC STAMPED " SOLSTICE K-8B 1966, L.A. CO. ENGR. R.E. 5869 " UP 6" IN 12"×12" CONC. PAD.

SUB SURFACE MARK NONE SET

REFERENCE MARK Nº 1

A 4" L.A. CO. SUR. CONT. SYSTEM BRASS REFR. MARK DISC STAMPED " SOLSTICE K-8B R.M.-1 1966 L.A.CO. ENGR. R.E. 5869 " UP 6" IN 12"×12" CONC PAD.

REFERENCE MARK Nº 2

A 4" L.A. CO. SUR CONT SYSTEM BRASS REFR. MARK DISC STAMPED " SOLSTICE K-8B R.M. -2 1966 L.A. CO. ENGR. R.E. 5869 " UP 6" IN 12"×12" CONC. PAD.

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Notes Ck'd by	Survey of Santa Monica Mtns.	F. B. 2458 PG. 167
Map No.	JN 0301.00 Tape 144 M-3 Std. 84 °F	
Office Work	Surveyed by Wilson - Fulton	
Checked	Notes JGR Date Sep. '66	
Date	Indexed G. J. GALLI	

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L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION

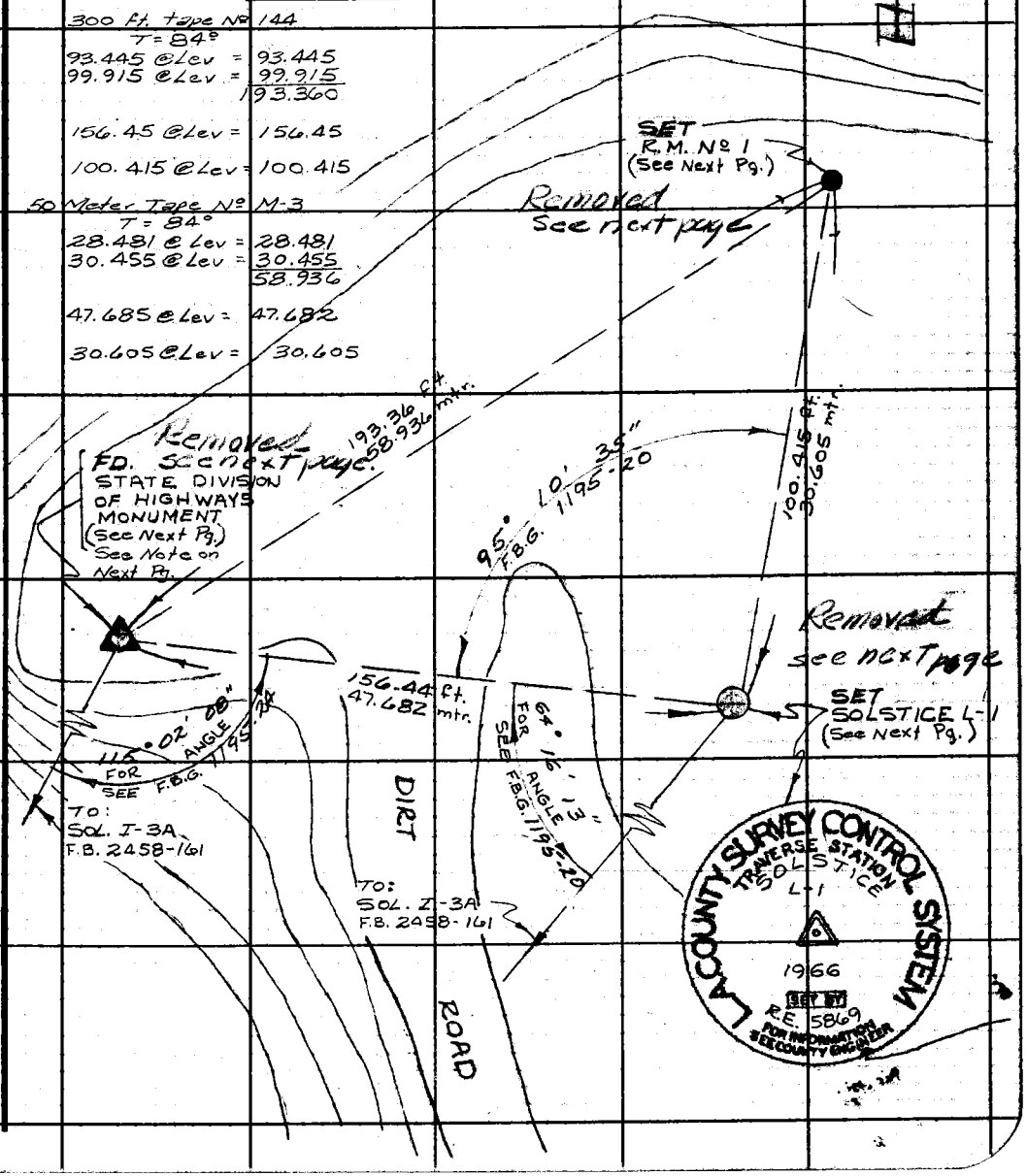
SOLSTICE L-1

300 ft. tape No 144
T = 84°

93.445 @ Lev =	93.445
99.915 @ Lev =	99.915
	193.360
156.45 @ Lev =	156.45
100.415 @ Lev =	100.415

50 Meter Tape No M-3
T = 84°

28.481 @ Lev =	28.481
30.455 @ Lev =	30.455
	58.936
47.685 @ Lev =	47.682
30.605 @ Lev =	30.605



76F309S CE#310 1-65

F. B. 2458 Pg. 168

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION

SOLSTICE ~ L-1

AREA:

This traverse station is located in Los Angeles County, in the Santa Monica Mtns., in Section 7 - R.17 W. - T.1S., 2200 ft. ± from the East line & 2500 ft. ± from the South line, and on a level (graded) area overlooking the Brown Ranch. (See U.S.G.S. 7 1/2 min. Sheet "Malibu Beach, Calif.).

ROUTE:

From the intersection of Las Virgenes Rd. & Mulholland Hwy., travel East'ly on Mulholland Hwy. 1.5 Mi. to a dirt rd. on the right (west), turn right off the paved road and then sharp turn to the left on another dirt trail, down grade, Follow this trail 0.15 to a "T" intersection, turn left, upgrade, and Continue 0.15 to level (graded) area, end of road, and station on right and about 30' S.E.'ly.

STATION MARK:

A 4" L.A.Co. SUR. CONT. SYSTEM brass traverse disc, stamped "Solstice L-1, 1966, R.E. 5869", UP 6" and set in a 12" x 12" conc. pad.

SUB-SURFACE MARK:
None Set.

REFERENCE MARK No 1:

A 4" L.A.Co. SUR. CONT. SYSTEM brass reference mark disc, stamped "Solstice L-1, R.M. 1, 1966, R.E. 5869", UP 6" and set in a 12" x 12" conc. pad.

REFERENCE MARK No 2:

A 2", State Division of Highways, brass disc, stamped "TRAILS", and set 2" below the surface in concrete.

NOTE: The State Division of Highways monument described above as R.M. No 2, is also to be used a Solstice L-1 - Aux. No 1 for a future Area Triangulation Net.

Contact Mr. & Mrs. Robert B. Spencley 26416 Mulholland Hwy. phone 8819-0569, for permission to enter.

On Feb 5, 1968 R. Wilson removed all the above station marks per request of property owner. See page 220-222 for ties to int. Mulholland Hwy and Las Virgenes Rd and Sec Cor. 1,6,7,12 R17-18W T1S. CRJ

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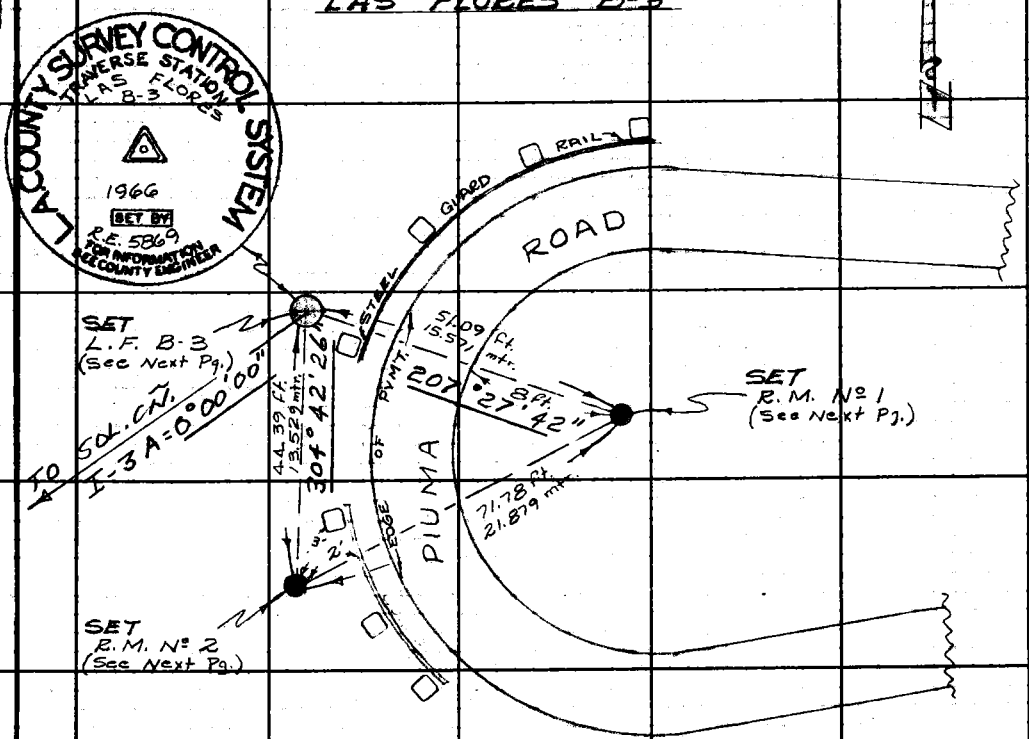
Notes Ck'd by	Survey of SANTA MONICA MTNS
Map No.	JN 0301.00 Tape 144 M-3 Std. 84 °F
Office Work	Surveyed by WILSON FULTON
Checked	Notes JGR Date SEP '66
Date	Indexed C. J. GALLI

F. B. 2458 PG. 169

Noted on Geo. Index Card
Placed on U.S.G.S. Quad. Shts.
Placed on Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
LAS FLORES B-3



300 ft. Tape Nº 144
T = 70°

51.09 @ Lev. = 51.09

44.39 @ Lev = 44.39

71.78 @ Lev = 71.78

50 Meter Tape Nº M-3
T = 70°

15.571 @ Lev = 15.571

13.529 @ Lev = 13.529

21.879 @ Lev = 21.879

DIRECTIONS PER
FB. G-1200-1

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76F309S CE#310 1-65

F. B. 2458 PG. 170

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION

LAS FLORES B-3

AREA: THIS TRAVERSE STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE SANTA MONICA MTNS., IN SECTION 17 - T. 1 S. - R 17 W., (1000'± FROM THE WEST LINE AND 500'± FROM THE SOUTH LINE), NEAR THE EDGE OF PAVEMENT OF PIUMA RD.
(SEE USGS. 7½ MIN. SHEET MALIBU BEACH, CALIF.)

ROUTE: FROM THE INTERSECTION OF LAS VIRGENES - MALIBU CN. RD. & PIUMA RD. TRAVEL EAST'LY ON PIUMA ROAD 1.6 MI., (PASSING L.A. CO. FIRE STATION ON THE LEFT) TO SHARP TURN TO LEFT. THE STATION IS LOCATED 3 FT. OFF THE WEST EDGE OF THE PAVING, AND JUST IN BACK OF THE END OF A STEEL GUARD RAIL.

STATION MARK: A 4" L.A. CO. SUR. CONT. SYSTEM BRASS TRAVERSE DISC, STAMPED " LAS FLORES B-3, 1966, R.E. 5869", UP 4", AND SET IN A 12" X 12" CONC. PAD

SUB-SURFACE MARK: NONE SET

REFERENCE MARK Nº 1: A 4" L.A. CO. SUR. CONT. SYSTEM BRASS REF. MARK DISC, STAMPED " LAS FLORES B-3, R.M. 1, 1966, R.E. 5869 ", UP 6" AND SET IN A 12" X 12" CONC. PAD.
8 FT. ± OFF THE EAST EDGE OF THE PAVEMENT.

REFERENCE MARK Nº 2: A 4" L.A.CO. SUR CONT. SYSTEM BRASS REF. MARK DISC, STAMPED " LAS FLORES B-3, R.M. 2, 1966, R.E. 5869 ", UP 6" AND SET IN A 12" X 12" CONC. PAD.
2' WEST OF A STEEL GUARD RAIL.

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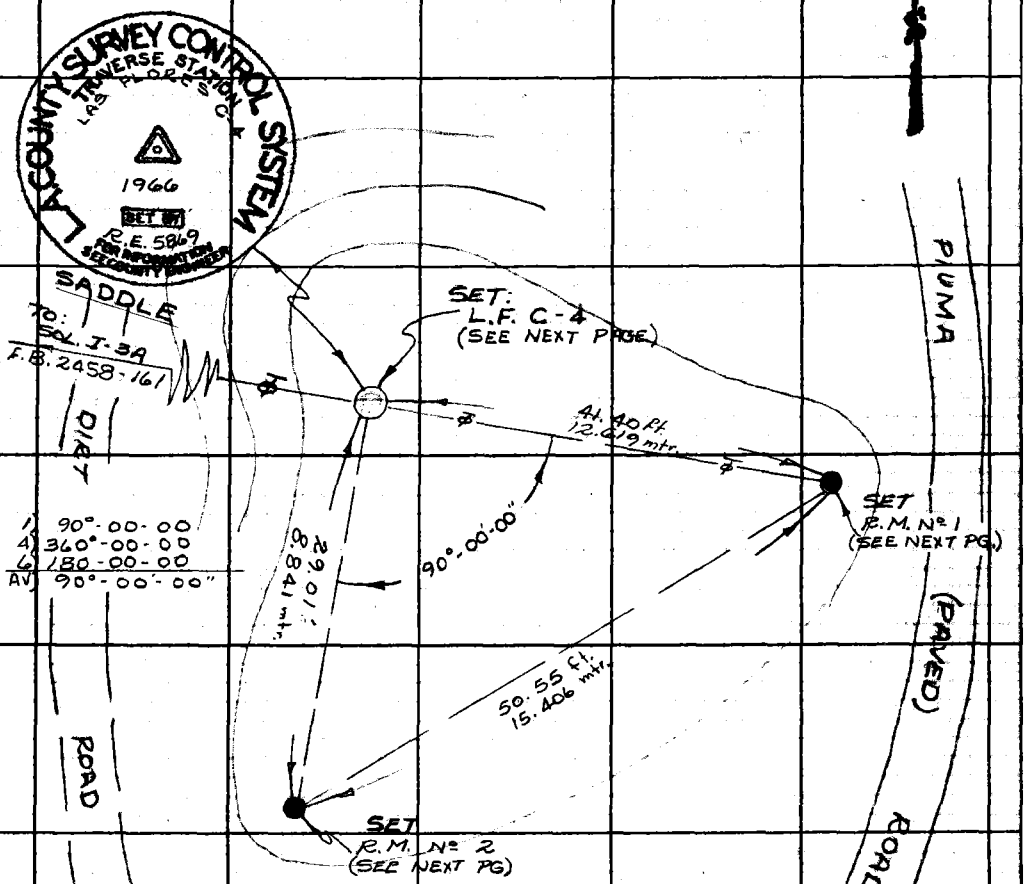
Notes Ck'd by	Survey GEODETIC CONTROL
Map No.	JN 0301.00 Tape 144 M-3 Std 84° °F
Office Work	Surveyed by WILSON-FULTON
Checked	Notes JGR Date SEP '66
Date	Indexed C. J. [illegible]

F. B. 2458 PG. 171

L. A COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
LAS FLORES C-4



1) 90°-00-00
4) 360°-00-00
6) 180-00-00
AV) 90°-00'-00"

300 ft. TAPE Nº 144

29.01 @ Lev @ T = 94° = 29.01

41.40 @ Lev @ T = 94° = 41.40

50.55 @ Lev @ T = 94° = 50.55

50 mtr. TAPE Nº M-3

8.841 @ Lev. @ T = 94° = 8.841

12.619 @ Lev @ T = 94° = 12.619

15.406 @ Lev @ T = 94° = 15.406

Noted on Geo. Index Card
Plotted on U.S.G.S. Quad. Shts.
Plotted on Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

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76F309S CE#310 1-65

F. B. 2458 Pg. 172

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION

LAS FLORES C-4

AREA:

THIS TRAVERSE STATION IS LOCATED IN LOS ANGELES COUNTY, IN SECTION 20 - T.1S. - R.17W., (2400'± FROM THE EAST LINE AND 3000'± FROM THE SOUTH LINE,) ABOUT 60' ABOVE PIUMA RD.
(SEE USGS 7½ MIN. SHEET "MALIBU BEACH, CALIF.")

ROUTE:

FROM THE INTERSECTION OF LAS VIRGENES RD. & PIUMA RD. (NORTH OF MALIBU CREEK), TRAVEL EASTERLY ON PIUMA RD. 4.5 MI. TO A ROAD ON THE WEST (RIGHT), JUST BEFORE COMING TO A LOS ANGELES CO. FIRE DEPT. WATER STORAGE TANK, TURN RIGHT AND CONTINUE NORTHERLY ON A DIRT RD., TO A SMALL SADDLE (ABOUT 400'), TURN RIGHT AND UP STEEP GRADE TO STATION. YOU MUST PASS THROUGH A CABLE GATE (NO LOCK), JUST AFTER LEAVING PIUMA RD.

STATION MARK:

A 4" L.A.CO. SUR. CONT. SYSTEM BRASS TRAVERSE DISC STAMPED "LAS FLORES C-4, 1966, R.E. 5869", UP 6', AND SET IN A 12" x 12" CONC. PAD.

SUB-SURFACE MARKS:
NONE SET

REFERENCE MARK Nº 1:

A 4" L.A.CO. SUR. CONT. SYSTEM BRASS REF. MARK DISC STAMPED "LAS FLORES C-4, R.M. 1, 1966, R.E. 5869," UP 6", AND SET IN A 12"x12" CONC. PAD. SET ON LINE PRODUCED FROM SOL. I-3A.

REFERENCE MARK Nº 2:

A 4" L.A.CO. SUR. CONT. SYSTEM BRASS REF. MARK DISC STAMPED "LAS FLORES C-4, R.M. 2, 1966, R.E. 5869", AND SET IN A 12" x 12" CONC. PAD.

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Plotted on Geo. Index Card
Plotted on U.S.G.S. Quad. Shts.
Plotted on Sur. Div. U.S. Mo.
Sketch on Geo. Dest. Card

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

Survey of SANTA MONICA MTNS.
JN0301.00 Tape M-3 Std 144 84 °F
Surveyed by J.R. FULTON
Notes JGR Date SEP 66
Indexed D.J. GALLI

F. B. 2458 PG. 173

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
LAS FLORES C-7

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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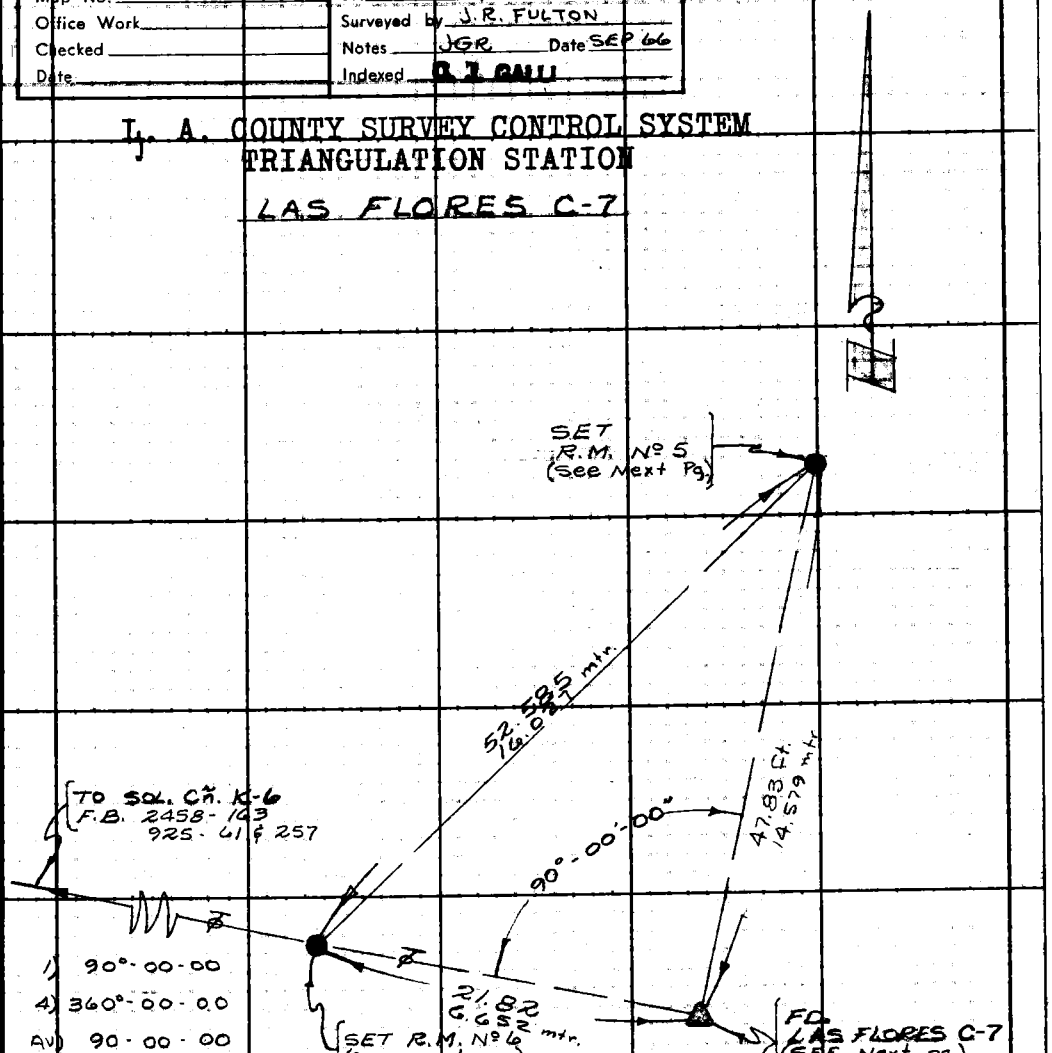

300' No 144

21.82 @T= 72° @Lev. = 21.82
52.585 @T= 72° @Lev. = 52.585
47.83 @T= 72° @Lev = 47.83

50 Mtr. No M-3

6.652 @T= 72° @Lev = 6.652
16.027 @T= 72° @Lev = 16.027
14.579 @T= 72° @ Lev = 14.579

78E3095 CE #310 6-63

F. B. 2458 Pg. 174

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

LAS FLORES C-7

AREA: THIS STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE FOOTHILLS OF THE SANTA MONICA MTNS., IN THE TOPANGA - MALIBU - SEQUIT, 1600 Ft. ± SOUTH'LY FROM THE S.W. COR. OF SEC 28 - TWP. 1 SO. - RG. 17 W. AND 2000 Ft. ± S.E. OF THE MAIN BUILDING OF THE SERRA RETREAT. MALIBU BEACH QUAD.

ROUTE: FROM THE INTERSECTION OF PACIFIC COAST HWY. AND MALIBU CANYON RD., TRAVEL EAST'LY ON PACIFIC COAST HWY. 0.6 MI. TO SERRA RD. ON LEFT (NORTH), TURN LEFT AND PROCEED 0.4 MI. TO A FORK, BEAR RIGHT AND CONTINUE 0.5 MI, UPGRADE, TO END OF PAVED RD., BEAR LEFT AND PROCEED 0.1 MI. TO THE BASE OF A SMALL HILL. PARK HERE AND HIKE UP HILL IN A NORTH'LY DIRECTION TO TOP AND STATION. LESS THAN 5 MIN. HIKE. NOTE: A FOUR WHEEL DRIVE TRUCK WILL MAKE IT UP THE NORTH SLOPE.

STATION MARK: A 4" L.A. Co. SUR. CONT. SYSTEM BRASS TRIANGULATION DISK, STAMPED AS FOLLOWS: LAS FLORES C-7, 1940, R.E. 2177, UP 6" AND SET IN A 12" x 12" CONC. PAD.

SUB-SURFACE MARK: NONE

REFERENCE MARK Nº 1: NOT FOUND

" " " 2: " "

" " " 3: " "

" " " 4: DESTROYED.

NOTE: GROUND AROUND STATION IS ALL PLOWED OR DISCED.

REFERENCE MARK Nº 5: A 4" L.A.CO. SUR. CONT. SYSTEM BRASS REF. MARK DISK, STAMPED AS FOLLOWS: "LAS FLORES C-7, R.M. 5, 1966, L.A. CO. ENG'R., R.E. 5869." UP 6" AND SET IN A 12" x 12" CONC. PAD.

REFERENCE MARK Nº 6: A 4" L.A.CO. SUR. CONT. SYSTEM BRASS REF. MARK DISK, STAMPED AS FOLLOWS: "LAS FLORES C-7, R.M. 6, 1966, L.A. CO. ENG'R., R.E. 5869": UP 6" AND SET IN A 12" x 12" CONC. PAD.

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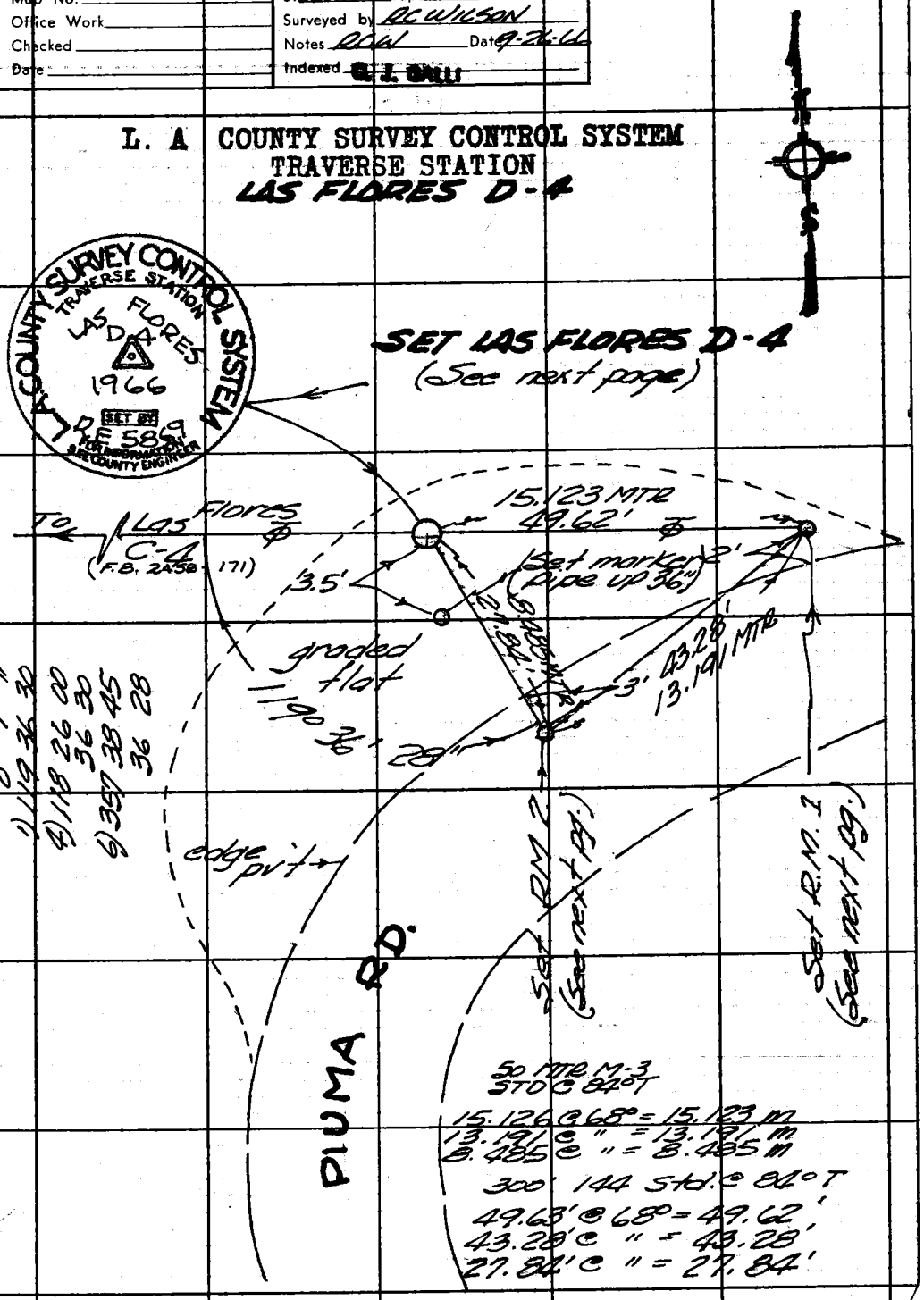
Office Work
Checked
Date

Surve GEODETIC CONTROL
JN 0301.00 Tape Std °F
Surveyed by RC WILSON
Notes RCW Date 9-26-66
Indexed G. J. GALLI

F. B. 2458 PG. 175

L. A COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
LAS FLORES D-4



Noted on Geo. Index Card
Plat U.S.G.S. Quad. Shts.
Plat Sur. Div. W. S. No.
Sketch on Geo. Desc. Card

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76F309S CE#310 1-65

F. B. 2458 Pg. 176 L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION

LAS FLORES D-4

AREA: This traverse station is located in L.A. County in the Santa Monica Mtns., 1200' ± E. & 2200' ± S. of the N.W. Cor. of sect. 21, T1S, R17W, 25' ± N'ly of the north edge of Puma Rd. (See U.S.G.S. Malibu Beach, Cal. 7½' Quad.)

ROUTE: From the intersection of LAS VIRGENES - MALIBU CYN RD and PUMA RD: travel e'ly (upgrade) on Puma Rd. 5.5± miles to a sharpe curve from north to east, with a graded parking area. The station is at the N.E. edge of graded area.

STATION MARK: A 4" L.A. Co. Sur. Cont. System brass traverse disc stamped "LAS FLORES D-4 1966 RE 5869" and set in 12"X12" conc. pad 6" above ground.

SUB-SURFACE MARK: None Set

REFERENCE MARK 1: A 4" L.A.Co. Survey Cont. System brass ref. mark disc stamped "LAS FLORES D-4 RM 1 1966 RE 5869" and set in conc. flush with ground, 2' n'ly from edge of pavt.

REFERENCE MARK 2: A Lrg. Bt. Spk., washer and tin with washer stamped "L.F.D-4 RM 2" and set flush in paved road, 2' ± s'ly from edge of pavt.

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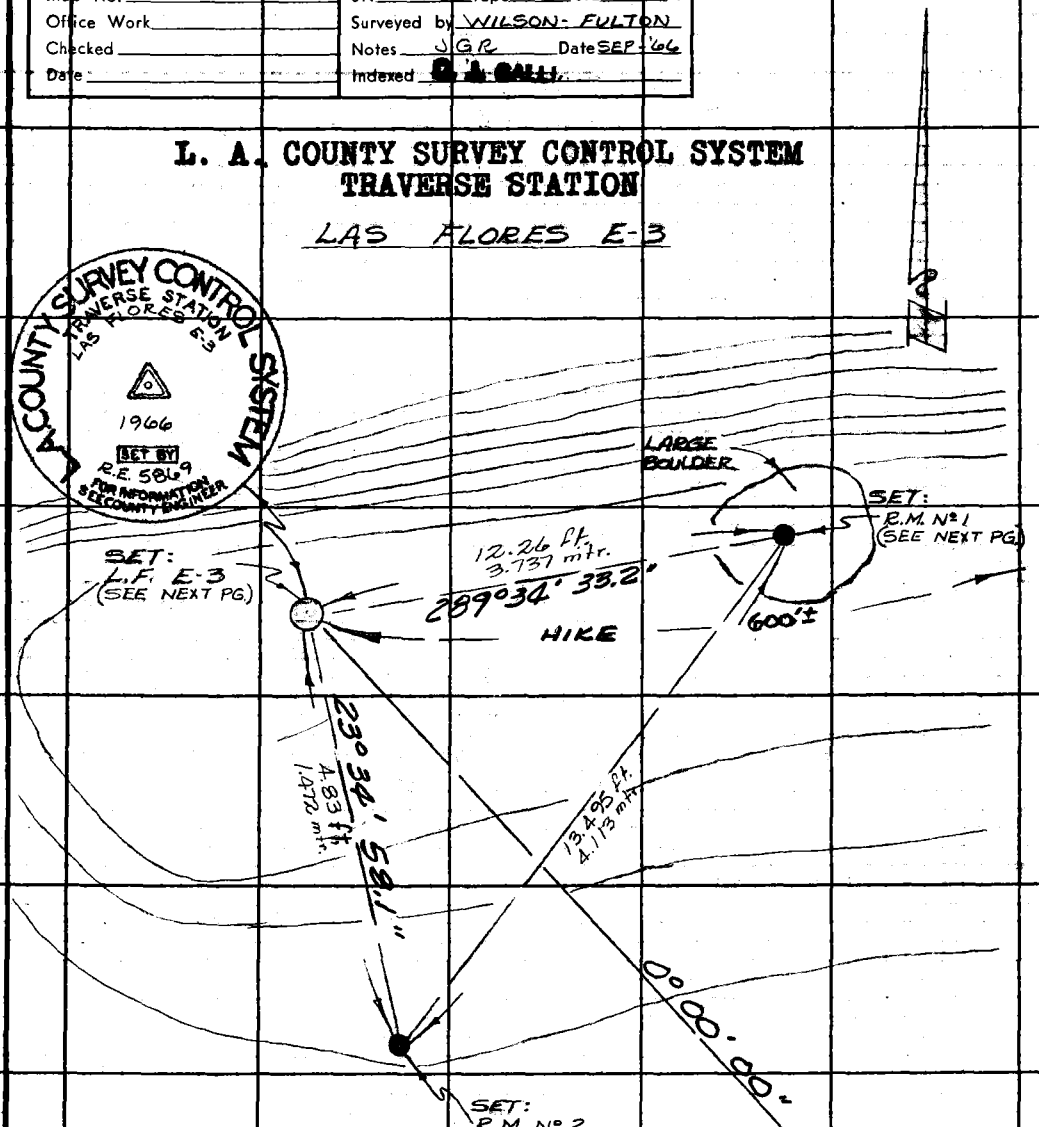
Notes Ck'd by	Survey of SANTA MONICA MTNS.	F. B. 2458 Pg. 177
Map No.	JN 0301.00 Tape 144 M-3 Std 84 °F	
Office Work	Surveyed by WILSON-FULTON	
Checked	Notes JGR Date SEP-'66	
Date	Indexed [redacted]	

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION

LAS FLORES E-3



300 ft. TAPE Nº 144

12.26 @ Lev @ T=98° = 12.26

13.495 @ Lev @ T=98° = 13.495

4.830 @ Lev @ T=98° = 4.830

50 mtr. TAPE Nº M-3

3.737 @ Lev @ T=98° = 3.737

4.113 @ Lev @ T=98° = 4.113

1.472 @ Lev @ T=98° = 1.472

DIRECTIONS PER FBG-1197-40

Noted on Geo. Index Card
Plan U.S.G.S. Quad. Shts.
Plan Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

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76F309S CE#310 1-65

F. B. 2458 PG. 178

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION

LAS FLORES E-3

AREA:

THIS TRAVERSE STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE SANTA MONICA MTNS., IN SECTION 16 - T. 1 S. - R17 W. (1500'± FROM THE SOUTH LINE & 2600'± FROM THE EAST LINE), ON A PROMINENT ROCKY RIDGE. (SEE U.S.G.S. 7½ MIN. SHEET "MALIBU BEACH, CALIF.")

ROUTE:

FROM THE INTERSECTION OF LAS VIRGENES - MALIBU CN. RD. & PIUMA RD. (NORTH OF MALIBU CREEK), TRAVEL 6.2 MI., EASTLY ON PIUMA RD., TO SUMMIT & PAVED ROAD ON LEFT (NORTH), TURN LEFT (UP GRADE) 0.2 MI. TO A FORK, BEAR LEFT, (DOWN GRADE) ON A DIRT ROAD 0.2 MI., TO A "T" INTERSECTION WITH ANOTHER DIRT RD., TURN LEFT WESTLY AND CONTINUE TO END OF ROAD IN SMALL SADDLE, 0.2 MI., PARK IN SADDLE AND HIKE ABOUT 600' UP ROCKY RIDGE TO WEST. FROM THE STATION THE GROUND SLOPES DOWN VERY STEEPLY TO THE NORTH.

STATION MARK:

A 4" L.A.CO. SUR. CONT. SYSTEM BRASS TRAVERSE DISC WITH A 3" STEM, STAMPED "LAS FLORES E-3, 1966, R.E. 5869", AND FLUSH IN AN 8' WIDE ROCK OUTCROPPING.

SUB-SURFACE MARK:

NONE SET

REFERENCE MARK Nº 1:

AN L.A.CO. ENG'R. BRASS TAG & NAIL, SET FLUSH WITH LEAD IN A DRILL HOLE, IN A LARGE BOULDER, ABOUT 4 ft. HIGHER THAN THE STATION.

REFERENCE MARK Nº 2:

AN L.A.CO. ENG'R. BRASS TAG & NAIL, SET FLUSH WITH LEAD IN A DRILL HOLE, IN A ROCK OUTCROPPING, ABOUT 12" LOWER THAN THE STATION.

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

Survey GEODETIC CONTROL F. B. 2458 PG. 179
JN 330.100 Tape 100 Std. 86 °F
Surveyed by R.C. WILSON
Notes RCW Date 9-23-74
Indexed G. L. GALLI

Noted ☐ Index Card
Plotted ☐ U.S.G.S. Quads. Shts.
Placed on Compilation Div. U.S. No.
Sketch on Back of Card

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76F3095 CE #310 9-62

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
LAS FLORES F-3
(SADDLE PEAK)
NEW REFERENCE MARKS

ROAD

FD. RM 2 (See next pg.)

FD 9-11-74 RLW

FD. RM 4 (See next pg.)

10.6'±

UNABLE TO MEAS.

So. Mtn. M-3

15.28 @ 82° = 15.13'
11.38 @ 0° = 11.38'
10.85 @ 90° = 10.85'

SET RM 5 (See next page) FD 9-11-74 RLW

PAVED AREA

15.25'
50.04'

86° 54' 50.5" FBG 1163-49

10.85' SE

35.58' @ 86° = 35.59'
50.04' @ 0° = 50.04'
31.13' @ 90° = 31.13'

F.A.A. TRANS. BLDG.

CONC. STEP

FD. L.&T. FB 525-85
3.40' M
3.60' R

37.13'

0°00'00" 11.318 mtr.

FD. 9-11-74 RLW

LAS FLORES F-3
FOUND MON.
STAMPED AS SHOWN
F.B. 525-85&86, 115
F.B. 2458-9, 10

50.90'

90°00'00" 14.35'

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SADDLE PEAK
RESET 1959
BENCH MARK
SET BY SURVEYOR
FOR INFORMATION SEE COUNTY ENGINEER

FB 2458-147 To St. Mark

To Las Flores F-3 (F.B. 2458-177)

ROAD

Set L.F. F&B 9-11-74 RLW (on Ext. Bdy. Monument) tin set in paved road.

52.90 @ 90° = 52.90'
29.25 @ 68° = 29.25'
Dir. FBG 147-149

Ext. Bdy. Monument

F. B. 2458 PG 180

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
LAS FLORES F-3 (CTR.)
NEW REFERENCE MARKS

AREA: This station is located in LOS ANGELES COUNTY in the Santa Monica MTNS. Near the S.E. Cor. of Sect. 16 T1S, R17W at Saddle Peak mtn. (See 7½' Malibu Beach U.S.G.S. Quad.)

ROUTE: This station may be reached via Piuma Rd, or Rambla Pacifico Rd. to the summit @ Saddle Peak.

REFERENCE MARK 2: A U.S.C.&G.S. B.M. - This point cannot be measured to ctr. station.

REFERENCE MARK 4: A 3/4" hex rod with drill hole set in 8"x8" conc. pad, 10.6' N.Ely from building corner.

REFERENCE MARK 5: A 4" L.A. Co. Sur. Cont. System brass ref. mark disc stamped "LAS FLORES F-3 RM 5, 1946 RE 5869", ~~set~~ set on line to triangulation station Las Flores E-3, and set in 12"x12" conc. pad projecting 6" above ground.

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

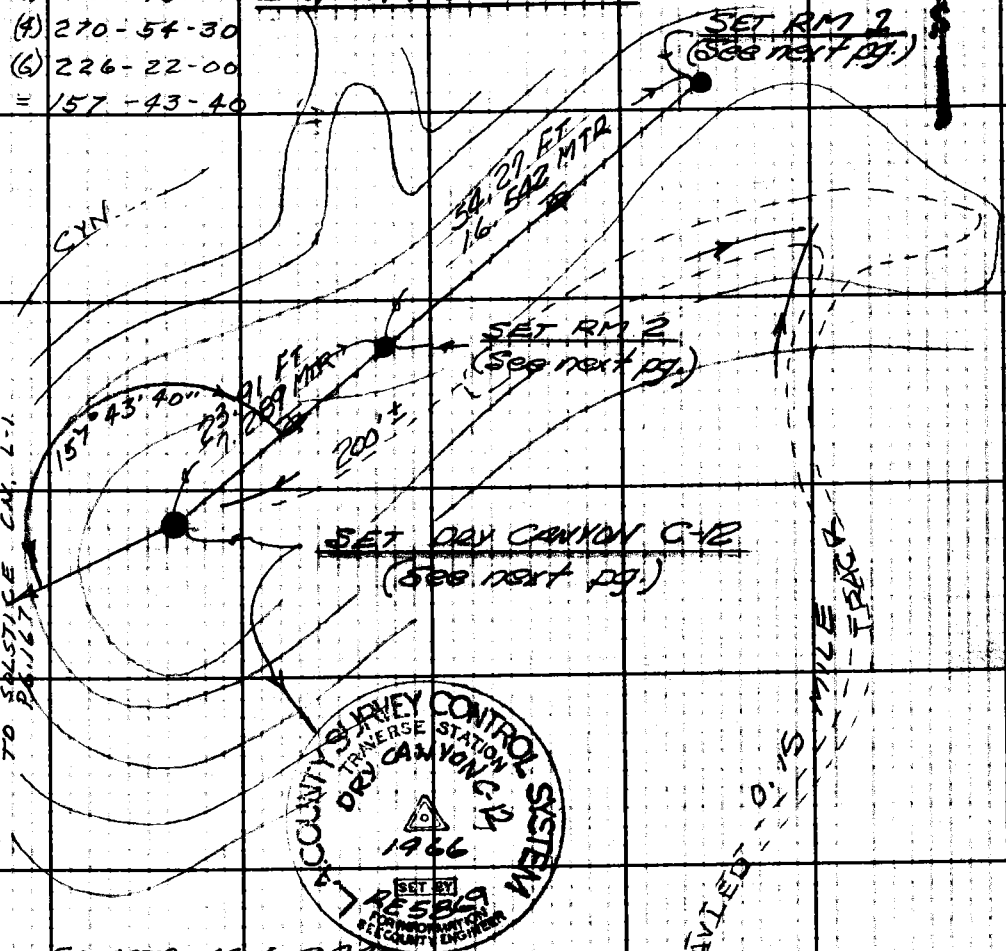
Notes Ck'd by	Surveyor GEODETIC CONTROL
Map No.	JN [illegible] Tape Std °F
Office Work	Surveyed by [illegible]
Checked	Notes [illegible] Date [illegible]
Date	Indexed [illegible]

F. B. 2458 PG. 181

Noted on Geo. Index Card
Plan U.S.G.S. Quad. Shts.
Placed on Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION

(1) 157-43-30 DRY CANYON C-12
(4) 270-54-30
(6) 226-22-00
= 157-43-40



50 MTR M-6 @ 84°S
7.289 @ 72° = 7.289 M = 23.91 F
16.542 @ " = 16.542 M = 54.27 F

300' # 136 @ 84°S
23.91 @ 72° = 23.91 F
54.27 @ 72° = 54.27 F

(3.15 MI to LAS VIRGENES) MULHOLLAND HWY

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-62

F. B. 2858 PG. 182

GEODETIC CONTROL

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
DRY CANYON C-12

AREA:

THIS STA IS LOCATED IN L.A. CO. IN THE SANTA MONICA MTN AREA, 950' ± SLY FROM THE N.W. COR SECT 9, T1S, R17W. (See Malibu Beach 7½' Quad.)

ROUTE:

FROM THE INTER. OF LAS VIRGENES - MALIBU CYN RD AND MULLHOLLAND HWY - EAST ON MULHOLLAND 3.15 MILE TO A DIRT RD ON THE LFT (NLY) THENCE LFT UPGRADE ON TRAV. TRACK 0.15 MILE TO TOP OF SMALL RIDGE PARK & HIKE 200' ± WLY TO END OF RIDGE AND THE STATION.

STATION MARK:

A 4" L A CO SUR CONT SYS BRASS TRAV DISC STAMPED "DRY CANYON C-12 1966 RE 5869" UP 6" AND SET IN A 12"X 12" CONC. PAD - THIS MARK REPLACED A FD. L A CO RD DEPT TAG STAMPED "C C 2" SET IN 2" IP UP 6" - STA SET AT SAME ELEVATION.

NO SUB-SURFACE MARK SET

RMS SET 1-5-67 RWT

REFERENCE MARK 1

A 4" LA CO SUR CONT SYS BRASS REF MARK DISC STAMPED "DRY CYN C-12 RM 1 1967 RE 5869" SET FLUSH IN 10" CONC. PAD.

REFERENCE MARK 2

SAME AS AND TANGENT WITH RM 1, EXCEPT STAMPED "RM 2"

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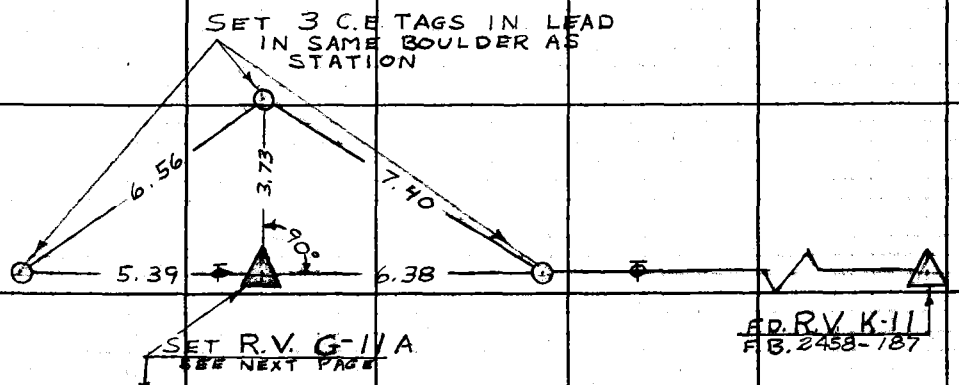
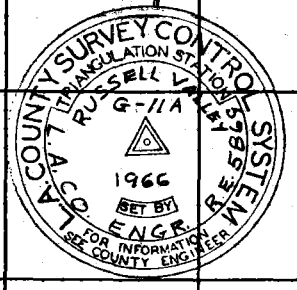
Notes Ck'd by	Survey of SANTA MONICA MTNS	F. B. 2458 PG. 183
Map No.	JN 0301.00 Tape M-3 0136 Std 84 °F	
Office Work	Surveyed by FULTON	
Checked	Notes J.F. Date 8-66	
Date	Indexed [illegible]	

Noted on Geo. Index Card
Plac[illegible] U.S.G.S. Quad. Shts.
Plac[illegible] Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
RUSSELL VALLEY G-11A





1) 90-00-00
2) 180-00-00
90-00-00

300' TAPE T. 76°	0136
5.39 @ LEV. =	5.39
6.56 @ LEV. =	6.56
3.73 @ LEV. =	3.73
7.40 @ LEV. =	7.40
6.38 @ LEV =	6.38
50M TAPE # M-3	
1.642 @ LEV =	5.387'
1.999 @ LEV. =	6.558'
1.138 @ LEV. =	3.734'
2.255 @ LEV. =	7.398'
1.944 @ LEV. =	6.378'

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B. 24-58 Pg. 184

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
RUSSELL VALLEY G-11A

AREA

THIS STATION IS IN LOS ANGELES COUNTY, IN THE SANTA MONICA MTNS., IN PARTIAL SEC. 2 T. 1 S. R. 19 W., 3600' W. OF THE EAST LINE, 1600' N. OF THE SOUTH LINE, POINT DUME QUAD

ROUTE

FROM THE INTERSECTION OF MULLHOLLAND HWY. & EAST ENCINAL CN. RD. DRIVE W'LY ON MULLHOLLAND HWY. 0.9 MI. TO BODLE PEAK MWY. ON RIGHT (L-KEY), DRIVE N'LY UP GRADE 0.45 MI. TO FORK, KEEP LEFT AND PROCEED UP HILL 0.6 MI. TO TOP, PARK HERE AND HIKE 200' E'LY OUT RIDGE TO LARGE BOULDER. STATION IS SET ON TOP OF BOULDER.

STATION MARK

A 4" L.A.CO. SUR. CONT. SYSTEM BRASS TRIAN. DISC STAMPED "RUSSELL VALLEY G-11A, 1966, L.A.CO.ENGR R.E. 5869" CEMENTED FLUSH IN TOP OF BOULDER.

SUB SURFACE MARK (YOU'RE KIDDING)

REFERENCE MARKS

NONE SET, THREE SURFACE TIES SET IN SAME ROCK AS STATION: BRASS TACKS & L.A.CO. ENGR. TAGS IN LEAD, FLUSH

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

Survey GEODETIC CONTROL F. B. 2458 PG. 185
JN 0301.00 Tape 136/144 Std 84 °F
Surveyed by WILSON & FULTON
Notes JF Date 9-12-66
Indexed R. J. GALLI

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L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

TIE FROM
RUSSELL VALLEY G-11
TO
RUSSELL VALLEY G-11 A

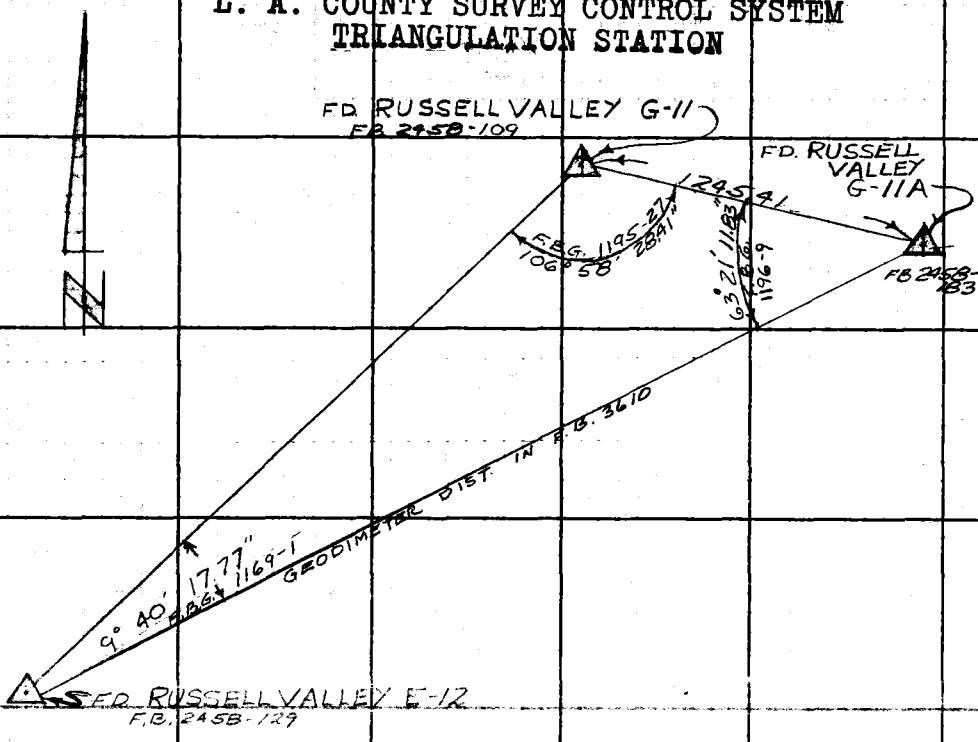
0301.00

PARTY
J. FULTON
J. RANDALL
L. JONES
L. MANLEY } TAPE #144
E. TULLIER
E. MARTINEZ } TAPE #136
C. PYLE

76F309S CE #310 6-62

F. B. 2458 Pg. 186

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION



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300' # 144

T. 82°

116.61 @ 18-36 = 110.519 } 110.513
116.70 @ 18-45 = 110.507 }

294.845 @ 6-15 = 293.094 } 293.090
294.72 @ 6-02 = 293.087 }

T. 76°

133.09 @ 15-38 = 128.157 } 128.154
133.37 @ 16-04 = 128.151 }

T. 80°

243.37 @ 10-06 = 239.588 } 239.583
243.26 @ 9-58 = 239.579 }

129.12 @ 3-40 = 128.855 } 128.858
129.06 @ 3-41 = 128.861 }

T. 70°

152.20 @ 2-19 = 152.065 } 152.065
152.15 @ 1-48 = 152.065 }

T. 86°

114.42 @ 0-55 = 114.405 } 114.410
114.44 @ 1-13 = 114.414 }

80.58 @ 12-18 = 78.730 } 78.735
80.72 @ 12-43 = 78.740 }

1245.408

300' # 136

T. 86°

114.495 @ 2-06 = 114.418 } 114.417
114.44 @ 1-10 = 114.416 }

81.345 @ 14-34 = 78.730 } 78.728
81.65 @ 15-23 = 78.725 }

T. 88°

116.81 @ 18-53 = 110.523 } 110.520
116.405 @ 18-18 = 110.517 }

T. 90°

294.74 @ 6-05 = 293.091 } 293.092
294.61 @ 5-50 = 293.094 }

T. 78°

132.91 @ 15-23 = 128.138 } 128.142
133.465 @ 16-13 = 128.145 }

T. 80

242.89 @ 9-26 = 239.596 } 239.598
242.765 @ 9-15 = 239.599 }

129.32 @ 4-54 = 128.847 } 128.846
129.49 @ 5-43 = 128.846 }

T. 78°

152.075 @ LEVEL = 152.065 } 152.064
152.085 @ 00-39 = 152.064 }

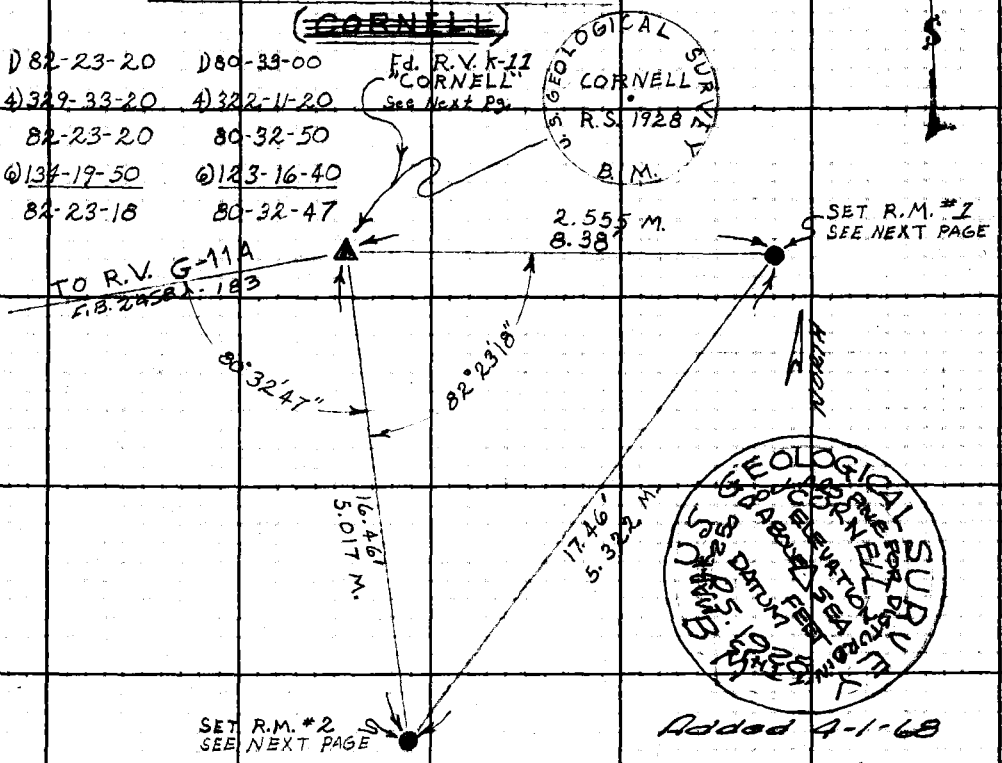
1245.407

Notes Ck'd by	Survey of SANTA MONICA MTNS.
Map No.	JN0301.00 Tape 0191 Std 68 °F
Office Work	Surveyed by FULTON
Checked	Notes L. W. JONES Date 9-15-66
Date	Indexed G. J. GALLI

F. B. 2458 PG. 187

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
RUSSELL VALLEY K-11
(~~CORNELL~~)

1) 82-23-20 1) 80-33-00
4) 329-33-20 4) 322-11-20
82-23-20 80-32-50
6) 134-19-50 6) 123-16-40
82-23-18 80-32-47



Added 4-1-68

Sta recovered by:
RC Wilson 4-1-68 - note change in stamping.

50 METER M-6
2.555 @ L @ 94° = 8.383
5.017 @ L @ 94° = 16.4599
5.322 @ L @ 94° = 17.461

100' TAPE NO. 0191
8.38 @ L @ 94° = 8.38
16.46 @ L @ 94° = 16.46
17.46 @ L @ 94° = 17.46

Noted on Geo. Index Card
Plan U.S.G.S. Quad. Shts.
Plan Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

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76F3095 CE #310 6-63

F. B. 2458 PG 188

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

RUSSELL VALLEY K-11
(CORNELL)

AREA:

This triangulation station is located in LOS ANGELES COUNTY, in the Santa Monica Mountains in Section 6 of R18W T1S, and 3 miles ± West of Malibu Lake. This station is located on "POINT DUME" Quad Sheet, and area marked 2039.

ROUTE:

From the intersection of Mulholland Hwy. and Backus Road, proceed easterly on Mulholland Hwy. 0.15 miles to Kanan Road (under construction,) turn left and proceed Northerly 0.95 mile on gravel road to top of summit, hike Northerly up CORNELL MOUNTAIN to station. The hike takes approximately 15 minutes to reach the station.

STATION MARK:

A standard 4" U.S.G.S. brass ~~monument cap~~ B.M. DISC set in top of a 12"x10" rock up 3", and stamped "CORNELL R.S. 1928". Reference: F.B. 933-77, 78 C.S. Index Map # 19

SUB SURFACE MARKS:

NO REFR.

REFERENCE MARK NO. 1:

A 4" L.A. CO. SUR. CONTROL system brass reference Mark disc stamped " RUSSELL VALLEY K-11 (~~CORNELL~~ CORNELL) R.M. ~~#1~~ NO. 1 (NO DATE) ~~1966~~ L.A. CO. ENGR. R.E. 5869" and set flush in a 18"x 24" rock.

REFERENCE MARK No. 2:

A 4" L.A. CO. SUR. CONTROL system brass reference Mark disc stamped " RUSSELL VALLEY K-11 (~~CORNELL~~ CORNELL) R.M. ~~#2~~ 2 1966 L.A. CO. ENGR. R.E. 5869" and set flush in a 24"x 30" rock.

Corr. Changes added 4-1-68.

RWilson

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F.B. 2458 Pg. 189

Profile No.	Notes Red	Plotted	Job No. 0301.00	Division No.
	Date	Date	Survey of S. M. Mtns. Div. 3	
X-Sec. No.	Notes Chkd.	Checked	Survey by Wilson	Notes JGR Date 9-Nov-'66
	Date	Date	Map No.	Indexed C. J. GALLI Date

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

Placed on Geo. Card
Placed on U.S. Geo. Quad. Sheet
Placed on Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

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BENCH LEVELS

J.N. 0301.00

TO ESTABLISH AN ELEVATION ON:

TRIANGULATION STATION

DUME POINT J-10A
(F.B. 2458 - 143 & 144)

STATION	B.S.	H.I.	F.S.	ELEV.

PARTY

Randall J.G.
Pyle C.A.
Martinez, E.M.
Manley, L.A.
Tullier, E.J.

76L-298 CE 307 11-58

76L-298 CE 307 11-58

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F.B. 2458 PG. 190 Job No. 0301.00 Division No. Notes Red Plotted Profile
Survey of S.M. Mtns. Div. 2 Date Date No. X-Sec.
Survey by Wilson Notes JGR Notes Chkd. Checked
Indexed D. J. GALLI Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV		
B.M. 48-129				15.249	B.M. 48-129, Elev. = 15.249, Adj. 1964, Dume Point I-10C, Pacific Coast Highway, about 0.65 miles southwestly of Zuma Creek Bridge No. 53-28, 36.8 feet South of the center of the Highway, 29.0 ft. eastly of Power Pole No. 751296E, and 22.6 ft. eastly of the center of Culvert A 483+80, in a well and protected by a cast iron Cover marked "COUNTY SURVEYOR MONUMENT." A Los Angeles County Survey Control System Traverse Station monument, stamped "DUME POINT I-10C RE 329 1950," set about 8" below the surface. F.B. 1369-109	
⊼	6 584	21 833				
T.P.			4343	17.490		
⊼	5 373	22 863				
T.P.			2267	20.596		
⊼	8 848	29 444				
T.P.			0867	28 577		
⊼	9799	38 376				
T.P.			0969	37 407		
⊼	10.165	47 572				
T.P.			0017	47 555		
⊼	10215	57 770				
T.P.			0873	56 897		
⊼	9282	66 179				
T.P.			1146	65 033		
⊼	10 542	75 575				
T.P.			0607	74 968		
⊼	12 167	87 135				
T.P.			0808	86 327		
⊼	11 478	97 805				
T.P.			0459	97 346	1x1 stk.	

76L-298 CE 307 11-58

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Placed on U.S. Geo. Road Shts.
Placed on Sur. Mtn. W.S. No.
Sketch on Geo. Desc. Card

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
T.P.				97 346	1x1 stk.	
⊼	11 941	109 287				
T.P.			0287	109 000		
⊼	12 154	121 154				
T.P.			0594	120 560		
⊼	12 291	132 851				
T.P.			0869	131 982		
⊼	12 011	143 993				
T.P.			1276	142 717		
⊼	11 056	153 773				
T.P.			0468	153 305		
⊼	11 558	164 863				
T.P.			3352	161 511	167.641	
⊼	17096	168 607			Ads ~~1676.641~~	
B.M.			0981	167626	B.M. - Dume Point J-10A, F.D. A 4" L.A. Co. Sur. Cont. System brass triangulation disc, Stamped "Dume Point J-10, A 1966, L.A. Co. Eng'r. R.E. 5869". Up 6" and set in a 12x12 Conc. Pad. F.B. 2458 - 143 & 144	
⊼	0328	167 954				
T.P.			9783	158 171		
⊼	0195	158 366				
T.P.			11 908	146 458		
⊼	0603	147 061				
T.P.			9 530	137 531		

Profile No. X-Sec. No. Date
Notes Red Date
Notes Chkd. Date
Plotted Date
Checked Date
Job No. 0301.00 Division No.
Survey of S.M. Mtns. Div. 2
Survey by Wilson Notes JGR Date 9-Nov-66
Map No. Indexed R. J. GALLI Date

F.B. 2458 Pg. 191

76L-298 CE 307 11-58

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F.B. 2458 PG. 192 Job No 230.00 Division No. Notes Red Plotted Profile
Survey of S.M. Mtns. Div #2 Date Date No. X-Sec.
Survey by Wilson Notes JGR 2-Nov-66 Notes Chkd. Checked
Indexed D. J. GALLI Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV		
T.P.				137 531		
⍓	0100	137 631				
T.P.			12 219	125 412		
⍓	0322	125 734				
T.P.			8673	117 061		
⍓	1018	118 079				
T.P.			8744	109 335		
⍓	0815	110 150				
T.P.			11 610	98 540		
⍓	0119	98 659				
T.P.			12 077	86 582		
⍓	0445	87 027				
T.P.			11 123	75 904		
⍓	0653	76 557				
T.B.M.			11 522	65 035	PK NAIL in Asphalt Road way	
⍓	1173	66 208				
T.P.			9303	56 905		
⍓	0298	57 203				
T.P.			9645	47 558		
⍓	0246	47 804				
T.P.			10 375	37 429		

76L-298 CE 307 11-58

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Noted on Geo. Index Card
Placed on U.S. Quad. Shts.
Placed on Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
T.P.				37429		
⊼	0244	37 673				
T.P.			9077	28596		
⊼	0459	29 055				
T.P.			8442	20613		
⊼	1774	22387				
T.P.			4667	17720		
⊼	4297	22 017				
T.P.			5752	16265		
⊼	5328	21 593				
T.P.			4260	17333		
⊼	6088	23 421				
T.P.			3965	19456		
⊼	5905	25 361				
B.M. 48-128			5351	20.010	20.043 B.M. 48-128, Elev. = 20.043, Adj. 1964, Dume Point J-10, Pacific Coast Highway, about 0.5 miles Southwest'ly of Zuma Creek Bridge, No. 53-28, on the South side of the Highway, 88.4 ft. westly of a Culvert A 492+50, 30.5 ft. Southeast'ly of Power Pole No 936655E, 42.7 ft. South of the center of the highway and 2.0 feet west of a 2" marker Pipe. A Los Angeles Co. Sur. Cont. System Traverse Station monument, Stamped "DUME POINT J-10 R.E. 329 1950", set about 10" below the surface. F.B. 1369-108	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0301.00 Division No. ____
Date ____ Date ____ Survey of S.M. Mtns. Div #2
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Wilson Notes JGR Date 9-Nov-66
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 2458 Pg. 193

F.B. 2458 PG. 194

Job No. 0301.00 Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of S.M. Mtns. Div 2 Date _____ Date _____ No. _____

Survey by Wilson Notes JGR 10-Nov-66 Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

STATION	B.S.	H.I.	F.S.	ELEV
		"BLANK"		

761-298 CE 307 11-58

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F.B. 2458 Pg. 195

Profile No.	Notes Red	Plotted	Job No. 0301.00	Division No.
	Date	Date	Survey of S.M. Mtns. Div 2	
X-Sec. No.	Notes Chkd.	Checked	Survey by Wilson	Notes JGR Date 10-Nov-66
	Date	Date	Map No.	Indexed C. J. GALLI Date

Noted on Geo. Index Card
Placed on U.S.G. Bd. Shts.
Noted on Sur. Div. S. No.
Sketch on Geo. Desc. Card

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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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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BENCH LEVELS

J.N. 0301.00

TO ESTABLISH AN ELEVATION ON:

TRIANGULATION STATION

DUME POINT C-3

(BARNEY'S KNOB)

F.B. 2458 - 111 & 112

STATION	B.S.	H.I.	F.S.	ELEV.

PARTY

Randall, J.G.
Manley, L.A.
Pyle, C.A.
Martinez, E.M.
Tullier, E.J.

76L-298 CE 307 11-58

76L-298 CE 307 11-58

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV	
B.M. 59-18				1645.355	B.M. 59-18, Elev = 1645.355, Adj. (1964). At the Intersection of Encinal Canyon Rd. and Decker Road, on the South side, 116 ft. Southerly of Power Pole No 664592 E, 11.0 feet South easterly of the South edge of the road pavement and 7.5 ft. east of Telephone Pole No LC 1372. Fd. a County Engineer brass cap monument, stamped "B.M. 59-18 R.E. 5869 1963", projecting about 4" above the ground, three feet above the roadway and protected by a 2" yellow marker pipe. F.B. 2836-122
⊼	9 148	1654 503			
T.P.			0162	1654 341	
⊼	11 701	1666 042			
T.P.			0742	1665 300	
⊼	10 229	1675 529			
T.P.			0161	1675 368	
⊼	10 974	1686 342			
T.P.			1 337	1685 005	
⊼	10 929	1695 934			
T.P.			0 923	1695 011	
⊼	12 079	1707 090			
T.P.			0 262	1706 828	
⊼	10 600	1717 428			
B.M.			2 742	1714 686	B.M. Dume Point C-3, Fd. A 4" L.A. Co. Sur. Cont. System brass triangulation disc, "Stamped," DUME POINT C-3, 1965, L.A. CO. ENGR. R.E. 5869". Set flush with the paving in asphalt driveway. F.B. 2458-111 & 112
⊼	2 279	1716 965			
T.P.			10 136	1706 829	
⊼	0 230	1707 059			
T.P.			12 041	1695 018	
⊼	0 784	1695 802			
T.P.			10 789	1685 013	

F.B. 2458 PG. 196
Job No. 0301.00 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of S.M. Mtns Div 2 Date ____ Date ____ No. ____
Survey by Wilson Notes JGR 10-Nov '66 Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. J. [illegible] Date ____ Date ____ Date ____ No. ____

76L-298 CE 307 11-58

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Placed on U.S.G. Bd. Shts.
Placed on Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
T.P.				1685013		
⊼	0708	1685721				
T.P.			10341	1675380		
⊼	0152	1675532				
T.P.			10219	1665313		
⊼	0884	1666197				
T.P.			11839	1654358		
⊼	0059	1654417				
T.P.			9985	1644432		
⊼	0688	1645120				
T.P.			9376	1635744		
⊼	0020	1635764				
T.P.			9330	1626434		
⊼	1809	1628243				
B.M. 59-17			5183	1623060	B.M. 59-17, Elev. = 1623.061, Adj. 1964, Encinal Canyon Road, in the northeast corner of the intersection of the Road to Detention Camp No. 13 (Rattle Snake Canyon Road), about 0.07 miles south of Decker Road, 10.5 feet northeasterly of Power Pole No. PS252 H. A County Engineer button, brass cap monument, stamped "B.M. 59-17 R.E. 5869 1963", projecting about 4 inches above the ground and protected by a 2 inch yellow marker pipe. F.B. 2836-121.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0301.00 Division No. ____
Date ____ Date ____ Survey of S. M. Mtns. Div 2
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Wilson Notes JGR Date 10-Nov-66
Date ____ Date ____ Map No. ____ Indexed R. J. Gall Date ____

F.B. 2458 Pg. 197

F. B. 2458 Pg. 198

Job No. 0301.00 Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of S. M. Mtns. Div 2 Date _____ Date _____ No. _____

Survey by Wilson Notes JGR 10-Nov-66 Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

STATION	B.S.	H.I.	F.S.	ELEV
	"BLANK"			

761-298 CE 307 11-58

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F.B. 2458 Pg. 199

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0301.00 Division No. ____
Date ____ Date ____ Survey of S.M. Mtns. Div 2
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Wilson Notes JGR Date 10-Nov-66
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

Sketch on Geod. Desc. Card
Record on Sur. Div. W.S. No.
Record on U.S.G.S. Shts.
Record on Geod. Card

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BENCH LEVELS

J.N. 0301.00

TO ESTABLISH AN ELEVATION ON:

SOLSTICE L-9 (REEF)
(F.B. 925-63 & 64)
(F.B. 933-45 & 46)

PARTY:

Randall, J.G.
Manley, L.A.
Pyle, C.A.
Tullier, E.J.
Martinez, E.M.

STATION	B.S.	H.I.	F.S.	ELEV.

761-298 CE 307 11-58

76L-298 CE 307 11-58

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F.B. 2458 Pg. 200 Job No. 0330.00 Division No. Notes Red Plotted Profile
Survey of S.M. Mtns. Div 2 Date No. X-Sec.
Survey by Wilson Notes JGR 10-Nov-66 Notes Chkd. Checked
Indexed R. J. GALLI Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV	
B.M. 48-86				196 032	B.M. 48-86 (Solstice Cyn. L-8A), Elev = 196.032, Adj. 1964, Pacific Coast Highway, about 1.25 miles west of the Malibu Creek Bridge, in the center of the center divider strip at Highway Station 872+73.10, 65.2 feet South west'ly of Power Pole No. 1017674 E. A Los Angeles Co. Sur. Cont. System, traverse Station monument, stamped "SOLSTICE CANYON L-8A RE 329 1950", set about 8 inches below the surface. F.B. 1369-73
⊼	7302	203 334			
T.P.			3 188	200 146	
⊼	2812	202 958			
T.P.			3670	199 288	
⊼	3734	203 022			
T.P.			5101	197 921	
⊼	5792	203 713			Adj 199.584
B.M.			4135	199 578	B.M. Solstice L-9 (REEF), Fd. A 4" brass U.S.C.&G.S Triangulation disk, Stamped, "REEF 1862", Set in a rock and flush with the ground. F.B. 925-63&64, F.B. 933-45&46
⊼	4243	203 821			
T.P.			5901	197 920	
⊼	5303	203 223			
T.P.			3272	199 951	
⊼	3990	203 941			
T.P.			4205	199 736	
⊼	4900	204 636			
B.M. 48-85A			6840	197 796	B.M. 48-85A (USC&GS D 1052) Elev. = 197.807, Adj. 1964, Pacific Coast Highway, about 1.2 miles west of the Malibu Creek Bridge at Highway Station No. A 875+55, on the north side of the highway 84.5 ft. east of Power Pole No. 1017673 E in the culvert headwall 1.9 feet west of the east end. A USC&GS disk stamped "D 1052 1960."

Notes Ck'd by	Survey of COAST HWY - MALIBU
Map No.	JN 0301.00 Tape M36 Std 84 °F
Office Work	Surveyed by WILSON & FULTON
Checked	Notes J.F. Date DEC. '66
Date	Indexed C. J. GALLI DEC 20 '66

F. B 2458 PG. 201

Noted on Bed. Index Card
Placed on G.S. Quad. Sets.
Placed on Div. W. S. No.
Sketch on Bed. Desc. Card

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PACIFIC COAST HIGHWAY

MALIBU AREA

0301.00

WILSON	FULTON
RANDALL	JONES
PYLE	MANLEY
MARTINEZ	TULLIER

78F309S CE#310 1-65

F. B. 2458 Pg. 202

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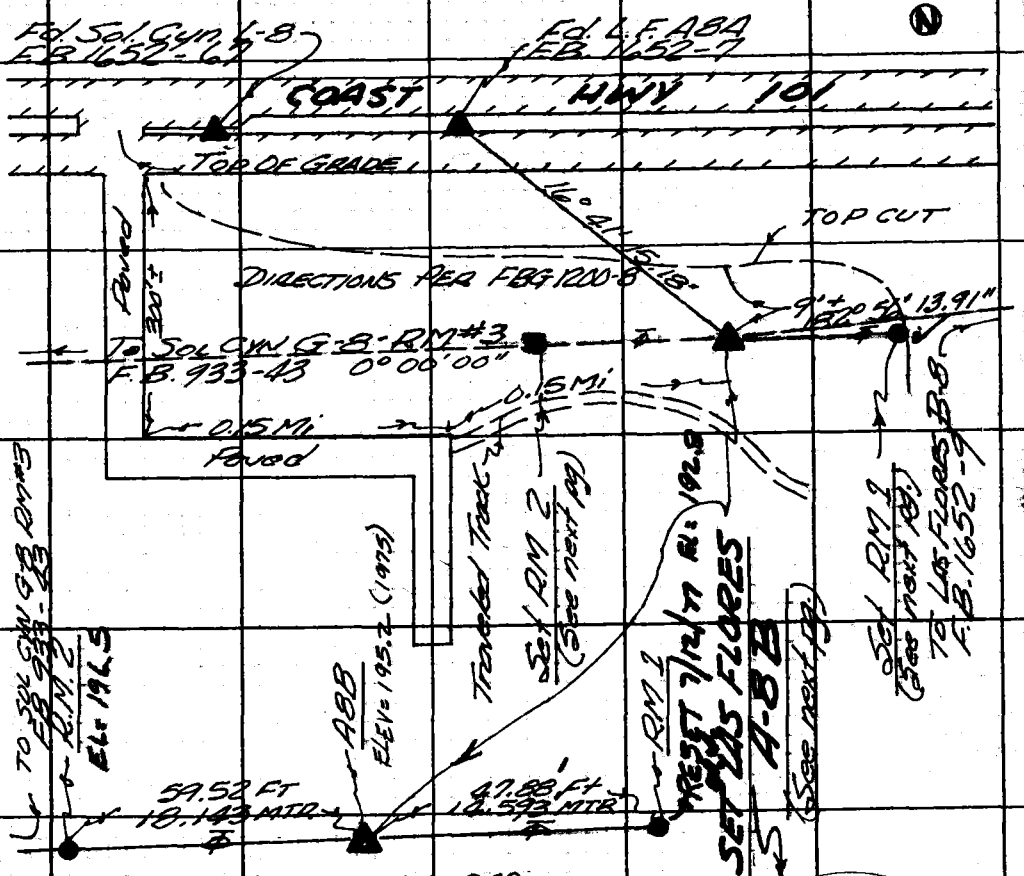
Notes Ck'd by	Survey of Geod. Control	F. B. 2458 PG. 203
Map No.	JN 030.00 Tape Std. °F	
Office Work	Surveyed by R.C. Wilson	
Checked	Notes RCW Date 12-3-66	
Date	Indexed G. J. GALLI	

Noted on Index Card
Placed on S.G.S. Quad. Shts.
Placed on Sec. Div. W.S. No.
Sketch on Geo. Desc. Card

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
LAS FLORES A-8B



50 MTR. # M-6 Std. 84°
18.146M @ L @ 60° = 18.143M = 59.524'
14.596M @ L @ 60° = 14.593M = 47.877'

300' # 136 Std. @ 84°
59.53' @ L @ 60° = 59.52'
47.89' @ L @ 60° = 47.88'

LA COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
LAS FLORES
A-8B
1966
SET BY
RE 5869
FOR INFORMATION
SEE COUNTY ENGINEER

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 1-65

F. B. 2458 Pg. 204

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
LAS FLORES A-8B

AREA: This station is located in L.A. County in the Santa Monica Mtns near Malibu Beach, 4000'± So. & 2600'± E. of the N.W. Cor 531, T1S, R17W in the MALIBU RANCHO. (See Malibu Beach 7½' Quad.)

ROUTE: From the intersection of Malibu Cyn Rd & Coast Hwy: Proceed N'ly (up grade) on Coast Hwy 0.6± mile to the top of grade and a Hft turn bay - turn lft and pass thru locked chain (~~restricted~~) - Follow paved rd South 300'±, thence lft 0.15 mile to curve S'ly: take truncked track ely (@ curve) 0.15 mile to the sta. on the lft, 9'± S'ly from top of cut.

STATION MARK: A 4" L.A. CO. SUR. CONTROL SYSTEM BRASS TRAVERSE DISC STAMPED "LAS FLORES A-8B M66 RE 5867" flush with grd. and set in 12" round conc. pad.

SUB-SURFACE MARK: None Set

REFERENCE MARK NO 1: RESET SAME MON. 7/14/77
A 4" L.A. Co. Sur. Cont. brass ref. mark disc stamped "LAS FLORES A-8B RM 1 1966 RE 5867" up 6" and set in 10"x10" conc. pad.

REFERENCE MARK NO 2:
Same as RM 1, except stamped "RM 2"

LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
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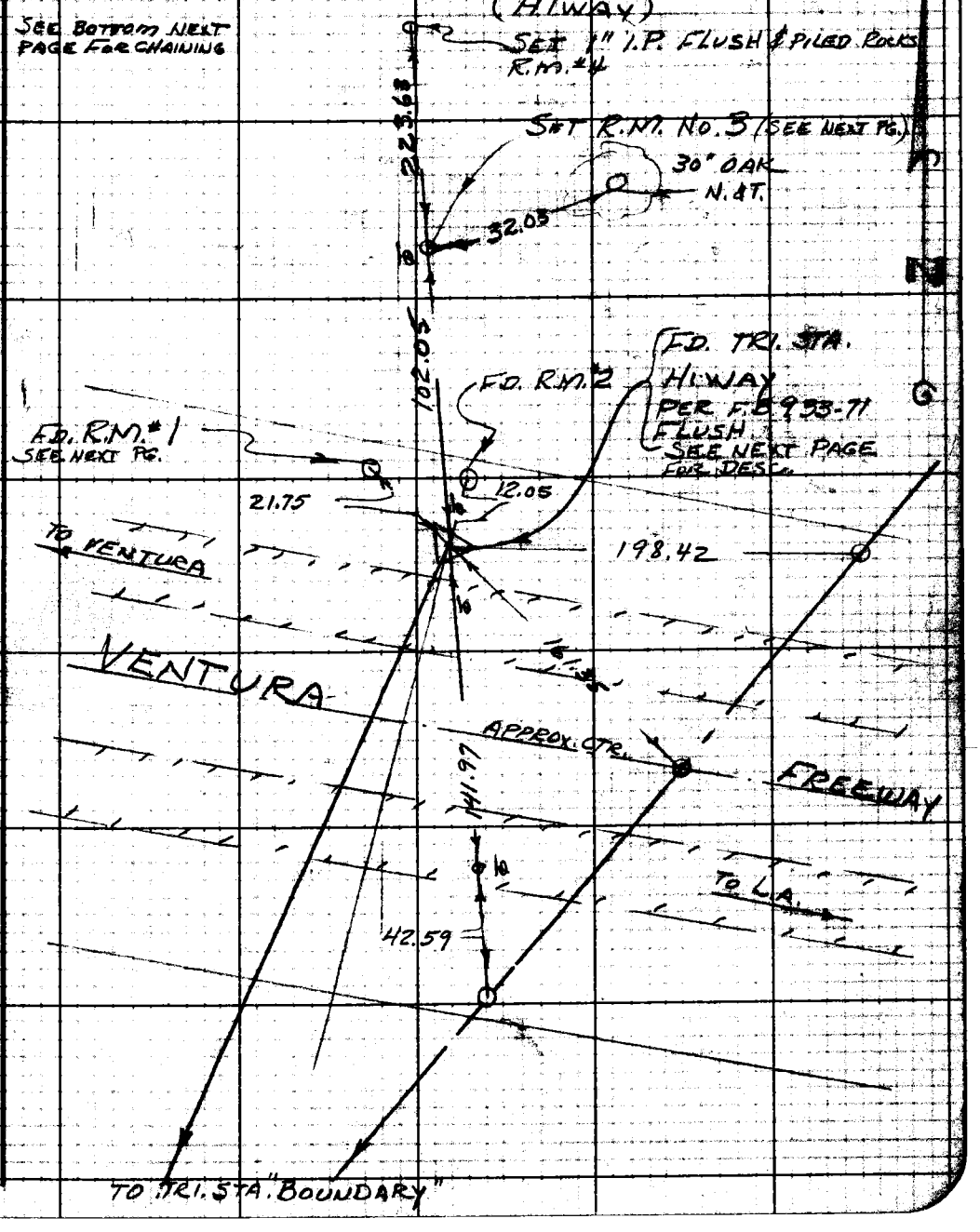
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 167 Std 84 °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. D Date 10-15-62
Date	Indexed [illegible]

F. B 2458 PG. [illegible]

L.A. CO. SURVEY CONTROL SYSTEM TRI-ANGULATION STATION RUSSEL VALLEY K-6 (HIWAY)



Noted on Index Card
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763098 CR #247—7-53

2458 F.B. Pg. 296

DESCRIPTION

TRIANGULATION STATION

RUSSEL VALLEY K-6 (HIWAY)

THIS STATION IS IN VENTURA COUNTY ± 150 FT. N. OF CENTER OF VENTURA FREEWAY ± 150 FT. W. OF VENTURA – L.A. CO. LINE ABOUT 4.5 MI. WEST OF AGOURA.

STATION MARK FD A STD. TRI. STATION MON. STAMPED "HIWAY 1950 COUNTY SURVEYOR R.E.329" FLUSH REF F.B. 953-71,72

R.M. NO. 1 FD STD RE. MON STAMPED "HIWAY 1950 R.M. NO.1 COUNTY SURVEYOR R.E.329" UP 1 INCH

R.M. NO.2 FD A 2" I.P. & COPPER WIRE IN CONC. IN A 10" CONC. POST. UP 1"

R.M. NO. 3 SET A STD. REF MON. STAMPED RUSSEL VALLEY K-6 R.M. NO.3 1962 L.A.CO. ENGR. R.E. 5869 FLUSH

R.M. NO. 4 SET A 1" I.P. & R.E. TAG FLUSH SURROUNDED BY A RING OF ROCKS

1. 224.94 @ 78° TEMP = 224.93 @ 6° 11' = 223.62
2. 225.22 " " 225.28 @ 6° 50' = 223.61

102.06 @ 76° LEVEL = 102.05

102.39 @ 76° = 102.38 @ 4° 39' = 102.04

198.43 @ 74° = 198.42° LEVEL

141.98 @ 74° = 141.97

161.36 @ 74° = 161.35

102.39
41.65
141.98

20.74
21.85
42.59

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Map No.	JN 0301.00 Tape Std °F
Office Work	Surveyed by WILSON
Checked	Notes RCW Date 5-67
Date	Indexed C. J. GALLI JAN 13 '67

F. B. 2458 PG. 207

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TRIANGULATION CONTROL
MONUMENTS
CALABASAS LANDFILL AREA
5-22-67

JN 0301.00

WILSON
ADAMS
MANLEY
TULLIER

76F309S CE#310 1-65

F. B. 2458 PG. 208

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VENTURA FREEWAY

LOST HILLS ROAD

SEMINOLE 6' QUAD

*SEE FB 3415-7 RGMTS. WORK

G-5
FB 1652-205

G-4
FB 1652-204

G-3
FB 1652-203

G-2
FB 1652-202

G-1
FB 1652-201

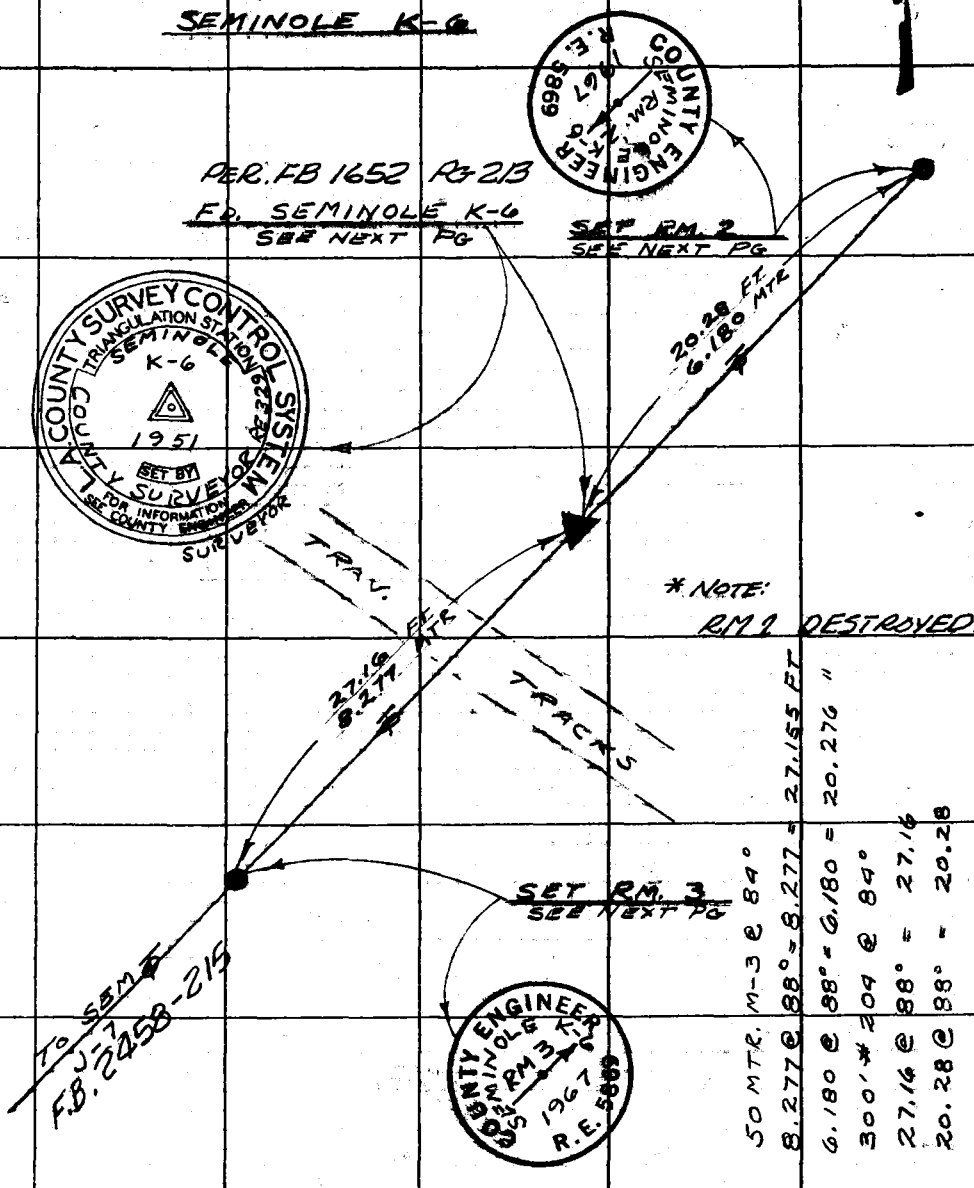
Notes Ck'd by	Surv GEODETIC CONTROL
Map No.	JN0301.00 Tape Std °F
Office Work	Surveyed by R.C. WILSON
Checked	Notes C. ADAMS Date 5-25-67
Date	Indexed C.J. GALLI

F. B. 2458 PG. 209

GEODETIC CONTROL

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

SEMINOLE K-6



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Plac U.S.G.S. Quad. Shts.
Pla Sur. Div. W.S. No.
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76F309S CE#310 1-65

F. B. 2458 PG 210

GEODETIC CONTROL

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SEMINOLE K-6

AREA THIS TRI. STA IS LOCATED IN L.A. CO., N. OF THE CALABASAS LANDFILL PROPERTY ON A RIDGE ELEV 1450', 2600' S. & 700' W. OF THE N.E. COR. SEC. 24. T. 1 N. R. 18. W. (SEE CALABASAS 7½' QUAD)

ROUTE FROM THE INTERSECTION OF THE VENTURA FREEWAY AT THE MALIBU CYN. OFFRAMP, TRAVEL N.LY 0.3 MILE TO THE END OF 4 LANE RD, PROCEED N.LY 0.3 MILE TO T.T ON L.FT, THENCE S.W.LY 0.1 MILE TO LOCKED GATE (L. LOCK). 100'± PASSED GATE, TAKE LEFT FORK IN T.T. UPHILL 0.6 MILE TO T.L. ON LEFT, PROCEED UPHILL 0.1 MILES, THENCE AWAY FROM T.L. 0.2 MILE TO FORK IN T.T., TAKE T.T. TO LEFT 0.1 MILE TO PWR. LINE. FOLLOW PWR LINE 0.1 MILES TO STATION. STATION IS 15'± N.LY OF T.T.

STATION MARK A 4" L.A. Co. SUR. CONT. SYS. BRASS TRIANG. DISC., STAMPED SEMINOLE K-6 1951 R.E. 329 SET IN 12" x 12" CONC. PAD, UP 4"

REFERENCE MARKS

R.M. 2 A 2½" L.A. CO. ENGINEER BRASS DISC STAMPED, SEMINOLE K-6 R.M. 2 1967 R.E. 5869 UP 4" AND SET IN 6" CONC. POST.

R.M 3 SAME AS R.M. 2 EXCEPT STAMPED R.M. 3

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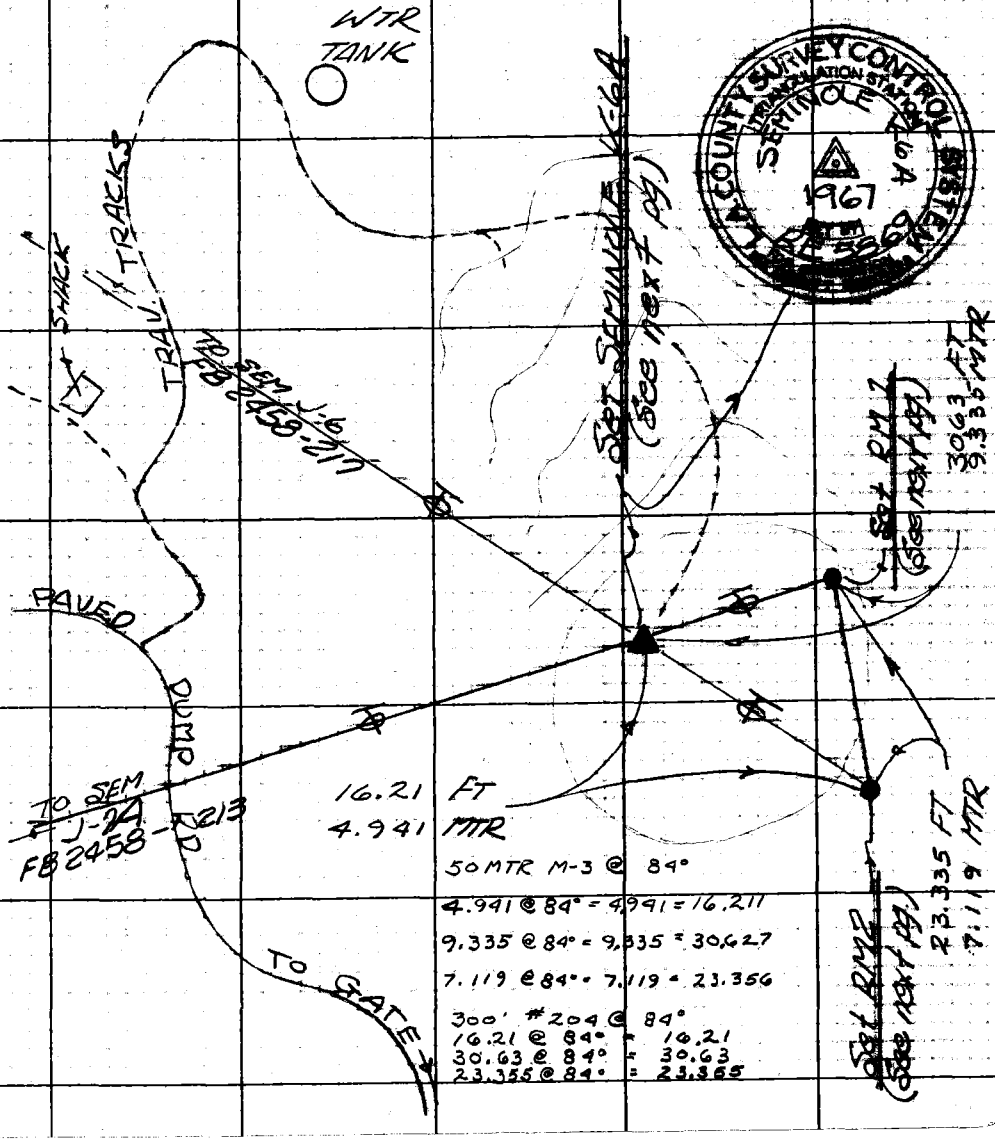
Map No.	JN 0301.00 Tape Std °F
Office Work	Surveyed by R. C. Wilson
Checked	Notes RCW Date 5-22-67
Date	Indexed C. J. GALLI

F. B. 2458 PG. 211

GEODETIC CONTROL

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SEMINOLE K6A



50 MTR M-3 @ 84°

4.941 @ 84° = 4.941 = 16.211

9.335 @ 84° = 9.335 = 30.627

7.119 @ 84° = 7.119 = 23.356

300' #204 @ 84°

16.21 @ 84° = 16.21

30.63 @ 84° = 30.63

23.355 @ 84° = 23.355

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Placed on S.G.S. Quad. Shts.
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76F309S CE#310 1-65

F. B. 2458 PG 212

GEODETIC CONTROL

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SEMINOLE K-6A

AREA: THIS TRI STA IS LOCATED IN LA CO. ON THE CALABASAS LANDFILL PROPERTY 1200' ± N. AND 800' ± E OF THE S.E. COR OF SECT 24, T1N, R18W ON A SMALL KNOB 1150' ± IN ELEV. (SEE CALABASAS 7½' QUAD.)

ROUTE: FROM THE INTERSECTION OF THE VENTURA FREEWAY AT THE LOST HILLS RD OFFRAMP: TRAVEL NORTH 0.2 MILE TO ENTRANCE GATE: THENCE NLY ON DUMP RD (PASSING SCALES) 0.6 MILE TO DIRT RD TO RIGHT AT CURVE IN ROAD: THENCE N'WLY ON DIRT RD 0.1 MILE TO JUNCT TO RT; THENCE NLY (PASSING WTR TANK) 0.2 MILE TO FLAT AREA. FOLLOW T.T. UP SPUR 0.1 M (4 WHEEL DRIVE) TO TOP AND STATION. (800' ±) OR 5 MIN. HIKE.

STATION MARK: A 4" L.A. CO. SUR. CONT. SYS. BRASS TRIANG. DISC STAMPED "SEMINOLE K6A 1967 RE 5869" SET IN 12"X12" CONC. PAD UP 6". NO SUB-SURFACE MARK SET.

REFERENCE MARKS:

RM 1: A 4" L.A. CO. SUR. CONT. SYS. BRASS REF. MARK DISC STAMPED "SEMINOLE K6A RM 1 1967 RE 5869" SET IN 12"X12" CONC. PAD UP 6".

RM 2: SAME AS RM 1, EXCEPT STAMPED "RM 2"

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

GEODETIC CONTROL

Survey of
JN 0301 00 Tape Std °F
Surveyed by R. C. Wilson
Notes R.C. Wilson Date 5-22-67
Indexed C.B. DALLI

F. B. 2458 Pg. 213

Noted on Geo. Index Card
Place S.B.S. Quad. Shts.
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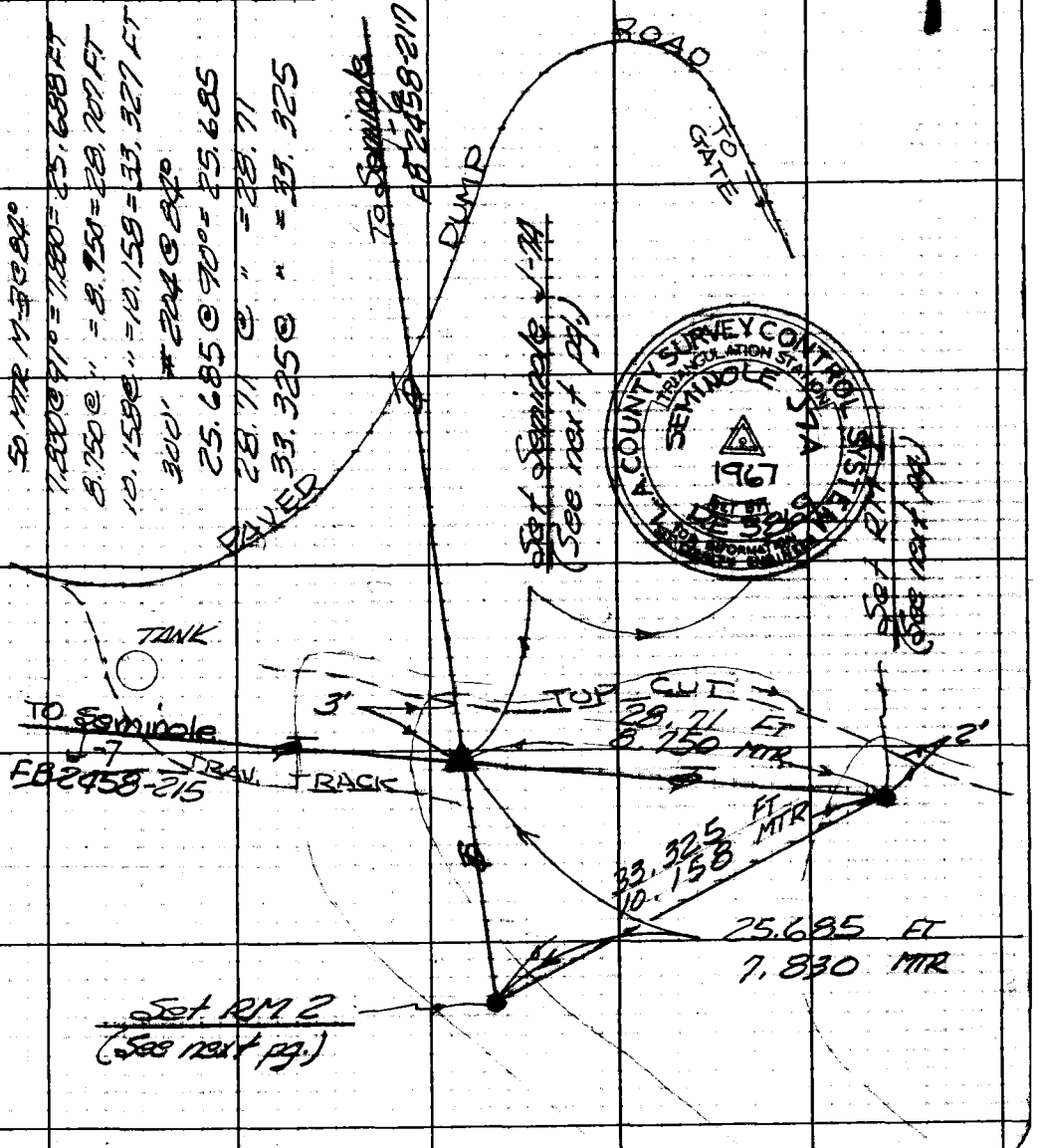
GEODETIC CONTROL

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SEMINOLE J-7A



76F309S CE#310 1-65

F. B 2458 PG 214

GEODETIC CONTROL

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SEMINOLE J-7A

AREA: THIS TRI. STA. IS LOCATED IN L.A. COUNTY ON THE CALABASAS LAND FILL PROPERTY, 2000' ± E. AND 200' ± N. OF THE S.W. COR OF SECT. 24, T1N, R18W ON A SMALL SPUR 250' E. OF A SADDLE. (SEE CALABASAS 7½' QUAD)

ROUTE: FROM THE INTERSECTION OF THE VENTURA FREEWAY AT THE LOST HILLS RD. OFFRAMP; TRAVEL NORTH 0.2 MILE TO ENTRANCE GATE; THENCE FOLLOW PAVED RD (PASSING SCALES) 1.0 MILE TO TRAVELED TRACKS TO THE S.E. AT CURVE IN ROAD; THENCE UP T.T. 200' ± TO SPUR, TURN LAT UP GRADE 300' ± TO TOP AND STA. ON THE LAT, 3' FROM TOP OF CUT BANK.

STATION MARK: A 4" L.A. CO. SUR. CONT 5¼. BRASS TRI DISC STAMPED "SEMINOLE J-7A RE5869 1967" SET IN 12"X12" CONC. PAD UP 6", 3' FROM TOP OF CUT BANK. NO SUB-SURFACE MARK SET.

REFERENCE MARKS:

NO 1: A 4" L.A. CO. SUR. CONT. 5¼. BRASS REF. MARK DISC STAMPED "SEMINOLE J-7A RM 1 1967 RE 5869" SET IN 12"X12" CONC PAD UP 6".

NO 2: SAME AS 1, EXCEPT STAMPED "RM 2"

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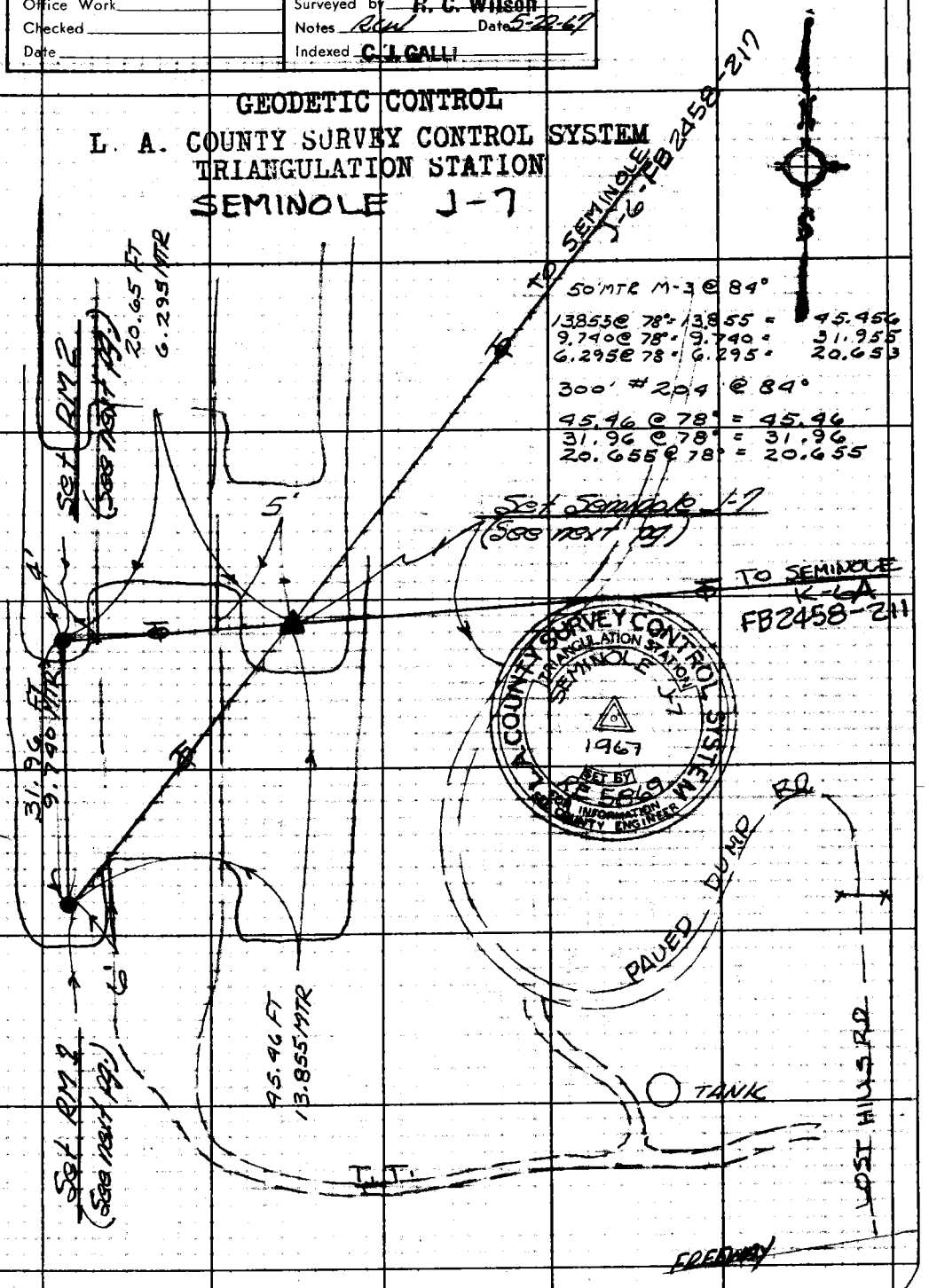
Notes Ck'd by	Surveyed GEODETIC CONTROL
Map No.	JN 0301.00 Tape Std °F
Office Work	Surveyed by R. C. Wilson
Checked	Notes RCW Date 5-22-67
Date	Indexed C. J. GALLI

F. B. 2458 PG. 215

GEODETIC CONTROL
L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SEMINOLE J-7



Noted on Geo. Index Card
Placed on S.G.S. Quad. Shts.
Placed on Our Div. W.S. No.
Sketch on Geo. Desc. Card

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76F309S CE#310 1-65

F. B. 2458 PG 216

GEODETIC CONTROL

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

SEMINOLE J-7

AREA: THIS TRIANGULATION STATION IS LOCATED IN L.A. COUNTY ON THE CALABASAS LANDFILL PROPERTY 1000'± EAST AND 850'± NORTH OF THE S.W. COR. OF SECT. 24 T1N R18W ON A RIDGE LEADING TO A WATER TANK SITE (SEE CALABASAS 7½' QUAD)

ROUTE: FROM THE INTERSECTION OF THE VENTURA FREEWAY AT THE LOST ~~HILLS~~ RD OFF RAMP; TRAVEL NORTH 0.2 MILE TO ENTRANCE GATE; THENCE FOLLOW PAVED RD (PASSING SCALES) 1.0 MILE TO TRAVELED TRACKS @ CURVE IN RD TO THE S.E, ; THENCE UP T.T. 200' TO SMALL SPUR, TURN RT. & FOLLOW UP T.T. 0.2 MILE TO STATION.

STATION MARK: A 4" L.A. CO. SUR. CONT. SYSTEM BRASS TRIANGULATION DISC STAMPED "SEMINOLE J-7 1967 RE5869" SET IN 12"X12" CONC. PAD UP 6" AT SIDE OF TRAVELED ROAD. NO SUB-SURFACE MARK SET.

REFERENCE MARKS:

NO 1: A 4" LA CO. SUR. CONT. SYS. BRASS REF. MARK DISC STAMPED "RM 1 RE 5869 1967 SEMINOLE J-7" SET IN 12"X12" CONC. PAD UP 6" AT SIDE OF TRAVELED ROAD.

NO 2: SAME AS 1, EXCEPT STAMPED "RM 2"

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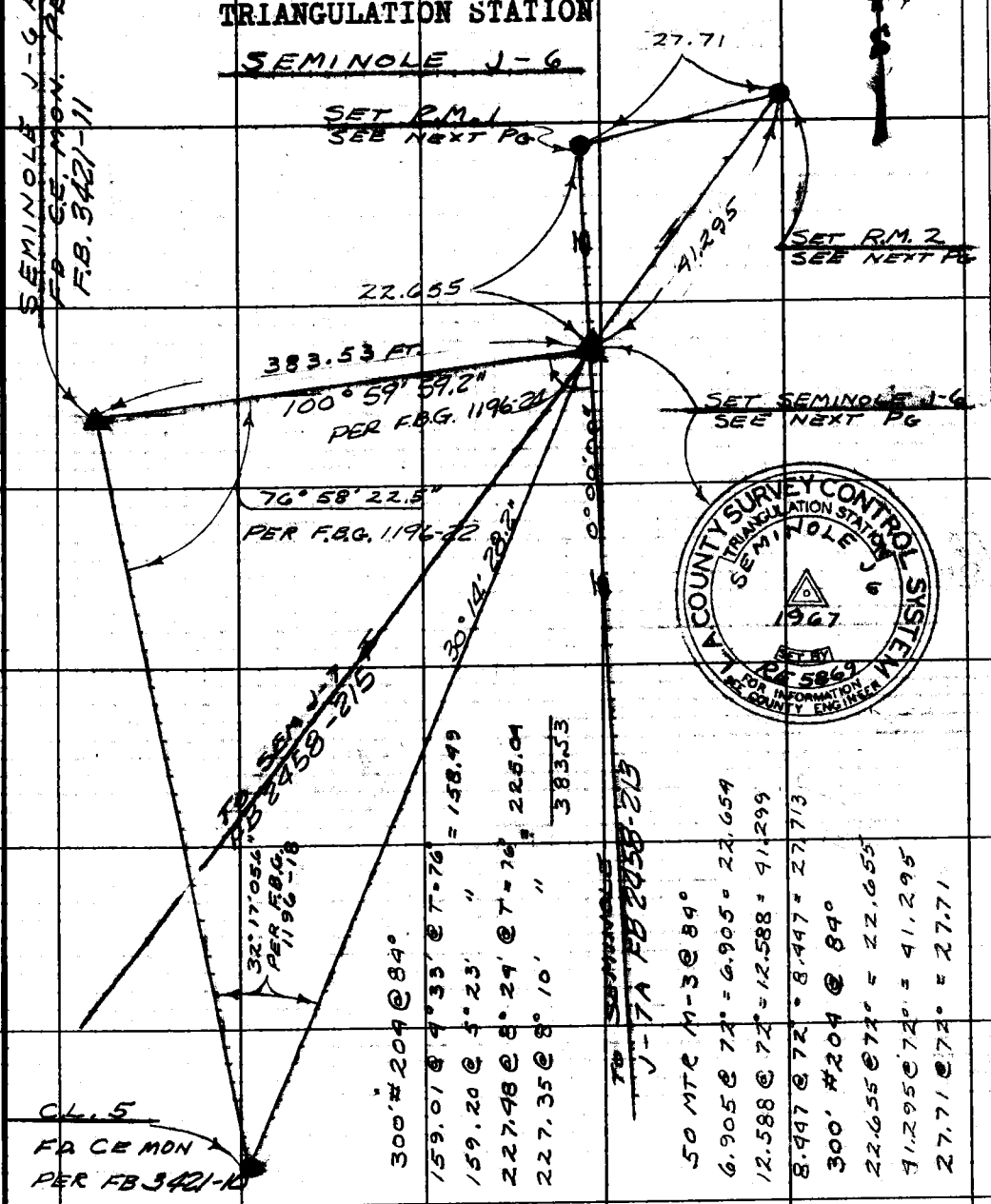
Notes Ck'd by	Su GEODETIC CONTROL	F. B. 2458 PG. 217
Map No.	JN 0301.00 Tape Std °F	
Office Work	Surveyed by R.C. WILSON	
Checked	Notes C. ADAMS Date 5-25-67	
Date	Indexed C. J. GALLI	

GEODETIC CONTROL

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

SEMINOLE J-6



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Placed on Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

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F. B. 2458 PG 218

GEODETIC CONTROL

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

SEMINOLE J-6

AREA THIS TRI STA IS LOCATED IN LA. CO ON THE CALABASAS LANDFILL PROPERTY ON A RIDGE ELEV 1250'±, 2350'W. & 1500'N. OF THE SE. COR. SEC. 24 T.1.N., R.18 W. (SEE CALABASAS 7½' QUAD)

ROUTE FROM THE INTERSECTION OF THE VENTURA FREEWAY AT THE LOST HILLS RD. OFF RAMP: TRAVEL N. 0.2 MILE TO ENTRANCE GATE; THENCE N.LY 0.6 MILE (PASSING SCALES) TO A DIRT RD TO RIGHT AT A CURVE IN PAVED RD: THENCE N.W.LY 0.3 MILE (PASSING SHACK) TO A FIRE BREAK ON LFT: THENCE SLY UP FIRE BREAK 400'± TO TOP; THENCE W.LY 400'± TO HIGH PT & STA 4 W DR OR 5 MIN HIKE

STATION MARK A 4" L.A. CO. SUR CONT. SYS. BRASS TRIANG DISC STAMPED SEMINOLE J-6 1967 RE 5869 SET IN 12"X12" CONC PAD UP 6" NO SUBSURFACE MARK SET

REFERENCE MARKS

RM. 1 A 4" LA COUNTY SUR CONT. SYS BRASS REF. MARK DISC STAMPED "SEMINOLE J-6 RM 1 1967 RE 5869" SET IN 12"X12" CONC PAD UP 6"

RM. 2 SAME AS R.M. 1 BUT STAMPED "R.M. 2"

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Notes Ck'd by
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Office Work
Checked
Date

Survey of Geod. Control
JN 0301.00 Tape Std. °F
Surveyed by RCW JGR
Notes RCW Date 2-5-68
Indexed C. J. GALLI FEB 1 4 '68

F. B. 2458 PG. 219

Noted on Geo. Index Card
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Placed on Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

0301.00

TIE TO SOLSTICE CVN L-1
&
STATE DIV. HWY MON. "TRAILS"
REF: FB 2458-161 & 167
FB 2242-51 & 52

Randall
Wilson
Cockerham
Pyle

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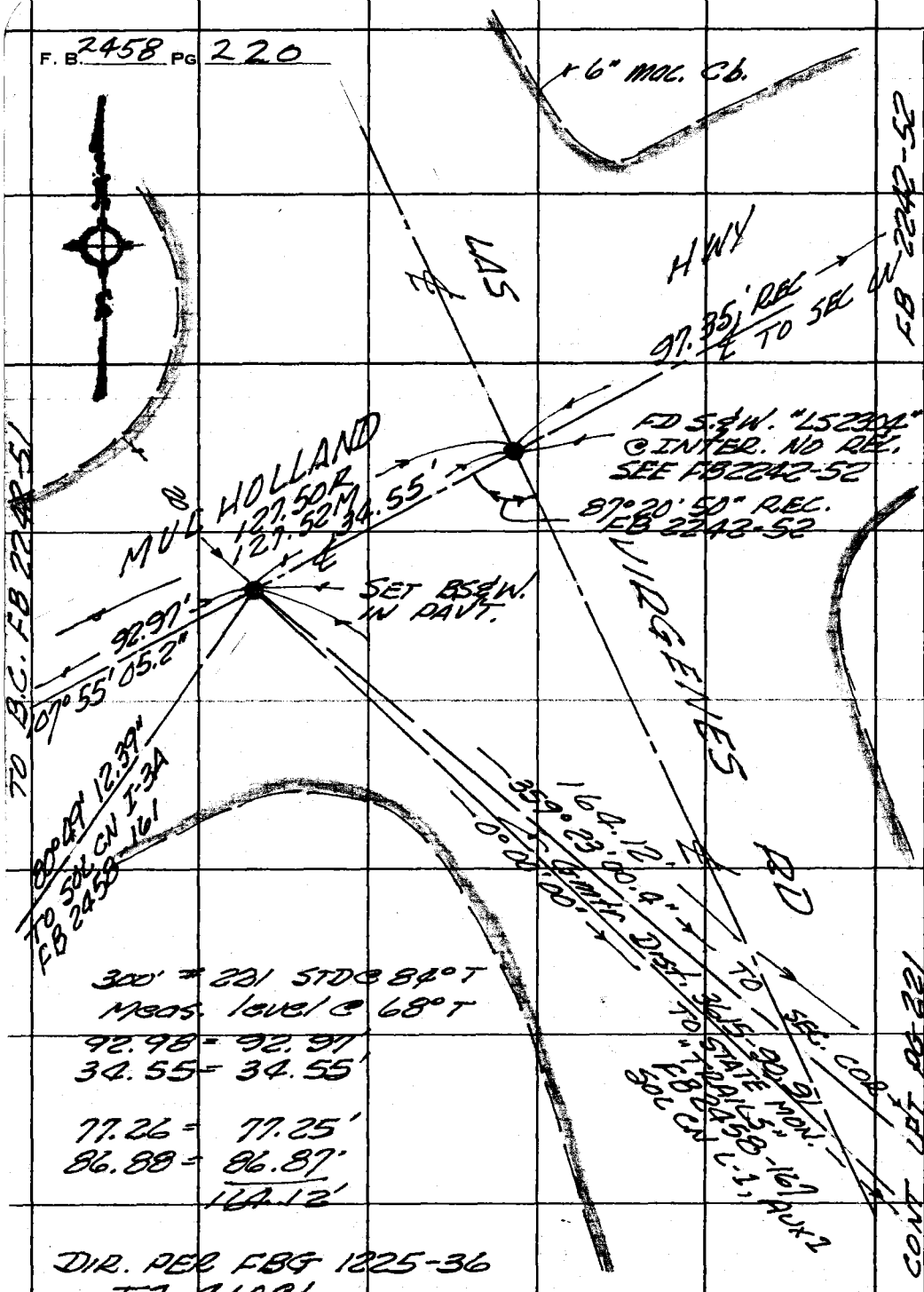
76F309S CE#310 1-65

F. B. 2458 PG 220



300' = 221 STD @ 84°T
Meas. level @ 68°T
92.98 = 92.97'
34.55 = 34.55'

77.26 = 77.25'
86.88 = 86.87'
164.12'

DIR. PER FBG 1225-36
T3 41081

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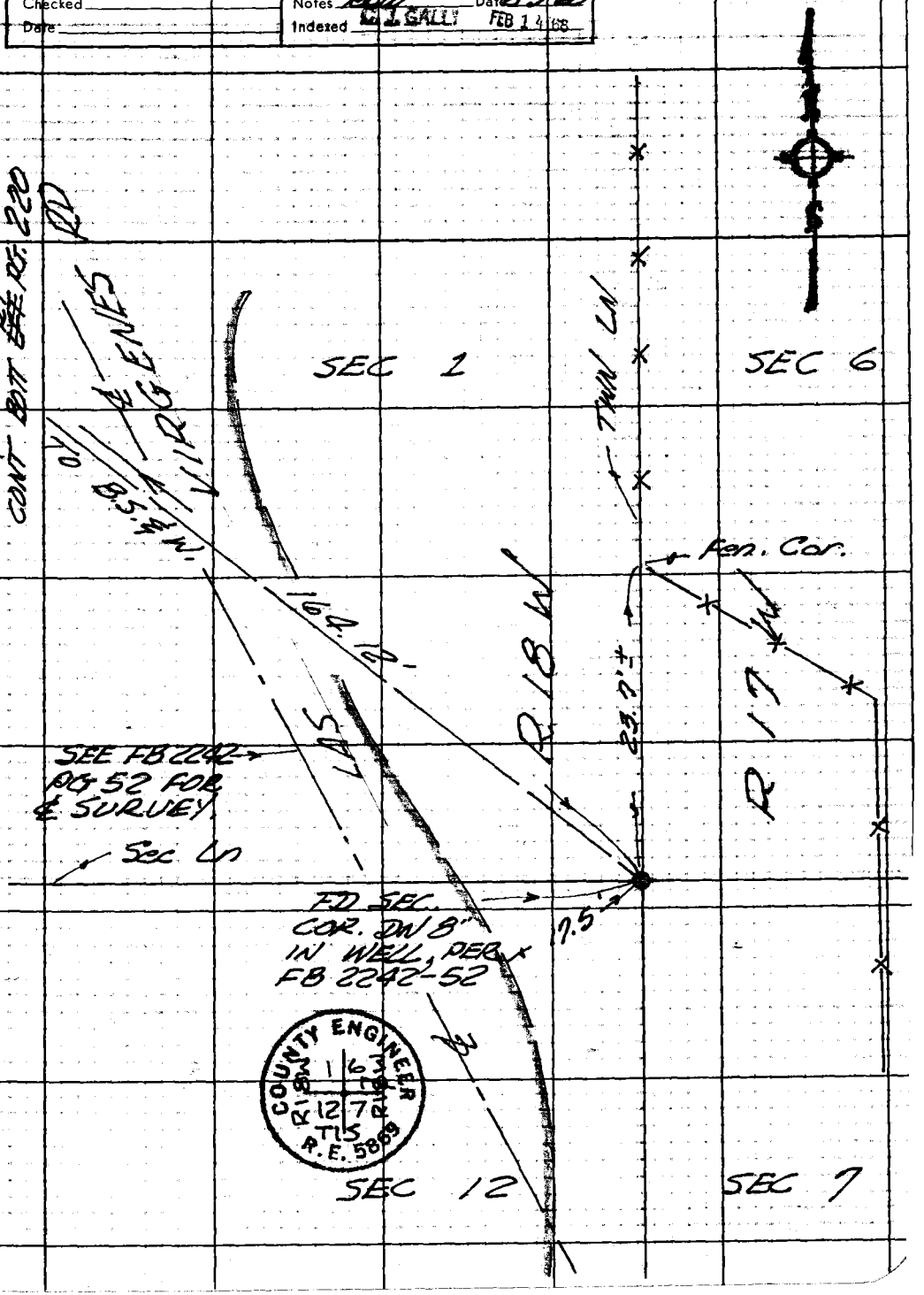
Pl[illegible] U.S.G.S. Quad. Shts.
Pl[illegible] Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

Notes Ck'd by	Survey of Geodetic Control
Map No.	JN 2301.00 Tape Std. °F
Office Work	Surveyed by RCW JGR
Checked	Notes RCW Date 2-5-68
Date	Indexed C. J. GALLY FEB 14 68

F. B. 2458 PG. 221



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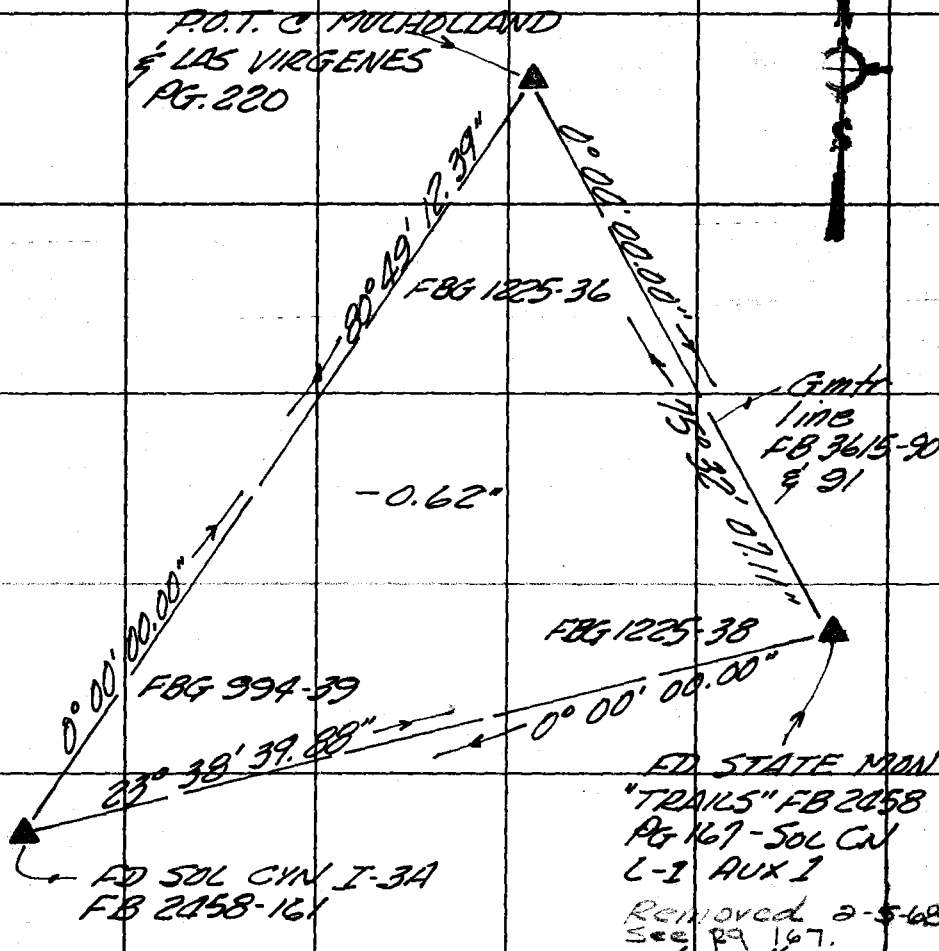
76F309S CE #310 1-65

F. B 2458 PG 222



°		
75	32	07.11
80	49	12.39
23	38	39.88
179°	59'	59.38"

Placed on U.S.G.S. Datum
Placed on Sur. Div. M. S. Co.
Sketch on Rec. Desc. Card

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

Survey of S.M. MTN'S Δ
JN 0301.00 Tape 03 Std 86 °F
Surveyed by J. TERRANOVA
Notes J.T. Date 7-5-72
Indexed C. J. GALLI JUL 18 '72

F. B. 2458 PG. 223

Noted on U.S.G.S. Index Card
Placed on U.S.G.S. Quad. Shts.
Placed on Sec. Div. W.S. No.
Shown on Geo. Index Card

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SANTA MONICA TRIANGULATION
(AGOURA)

REFERENCE POINTS TO TRIANGULATION STA. RUSSELL VALLEY K-6A & K-6 AUX.1 WHICH WILL BE DESTROYED DUE TO WIDENING OF VENTURA FRWY.

J.N. 0301.00

JULY 1972

REFERENCE:
FB-2458 - 107

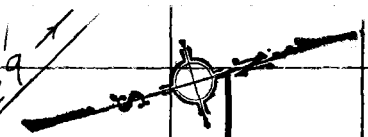
PARTY:
J. TERRANOVA
R. ALMANZAN
L. KEISNER
J. ZBYSENSKI

NOTE:
ALL R.P.'S & REF MONUMENTS EXCEPT RM-3 AS SHOWN ON PAGE 107 HAVE BEEN DESTROYED.

76F309S CE#310 3-68

F. B. 2458 PG. 224

BT. pg 225



1) 109-01-40
2) 76-06-20
3) 294-09-20
109-01-33

R.M. 3
FD. R.V. K-6 AUX 1
A L.A.CO SUR. CONT.
4" DISC. MKD AS
SHOWN — MAY BE
DESTROYED BY
CONSTRUCTION
F.B. 933-245
2458-107

166.47 @ 0-00
T=88=166.47

127.64 @ 0-00
T=88=127.64

112.40 @ 0-00
T=88=112.40

166.47 (REM) 6 spaces
F.B. 2458-107
N 55°08'36" W

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
RUSSELL VALLEY K-6
1964
AUX-1
SET BY L.A.CO. ENGR. 5862
FOR INFORMATION SEE COUNTY ENGINEER

△ STA. RUSSELL VALLEY K 6A
FD A L.A.CO.
SURVEY CONTROL
4" TRI. DISC. MKD.
AS SHOWN
WILL BE DESTROYED
BY CONSTRUCTION
F.B. 2458-108

109°01'33"
90°00'00"

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
RUSSELL VALLEY
K-6A
1965
SET BY L.A.CO. ENGR. 5862
FOR INFORMATION SEE COUNTY ENGINEER

44.93
39.03
112.40
127.64
0.47
0.05

R.P. #1
SET 2" I.P. W/ CONC
PL. & C.E. TAG
DN 2"

N 4,168,349.80
E 4,041,474.30

N 34°31'24" E
N 23°54'54" E
300'±
146.46

FD. 2" I.P. W/
CONC. PLUG &
L.S. TAG # 2602
TOP SPUR
NO REF.

FD. L.S. BT. SPUR
W/ TAG
NO REF.

FD. L.S. TAG
NO. 2602

T=86
44.93 @ 30-00 = 44.93
39.03 @ 30-00 = 39.03

SET A L.A.CO.
ENGR. ALUM. TAG
IN CONC. CB.

DRWY. EXIT OF
CONTROL DATA

FRWY.
VENTURA
(UNDER CONSTRUCTION — TO BE WIDENED)

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

Survey of SM MTN A
JN 0301.00 Tape 03 Std 86 °F
Surveyed by TERRANOVA
Notes J.T. Date 7-5-72
Indexed C. J. GALLI JUL 18 72

F. B. 2458 PG. 225

Noted on Key Index Card
Placed on U.S.G.S. Quad. Shts.
Placed on Sur. Rec. W. S. Map
Sketch on Geo. Desc. Card

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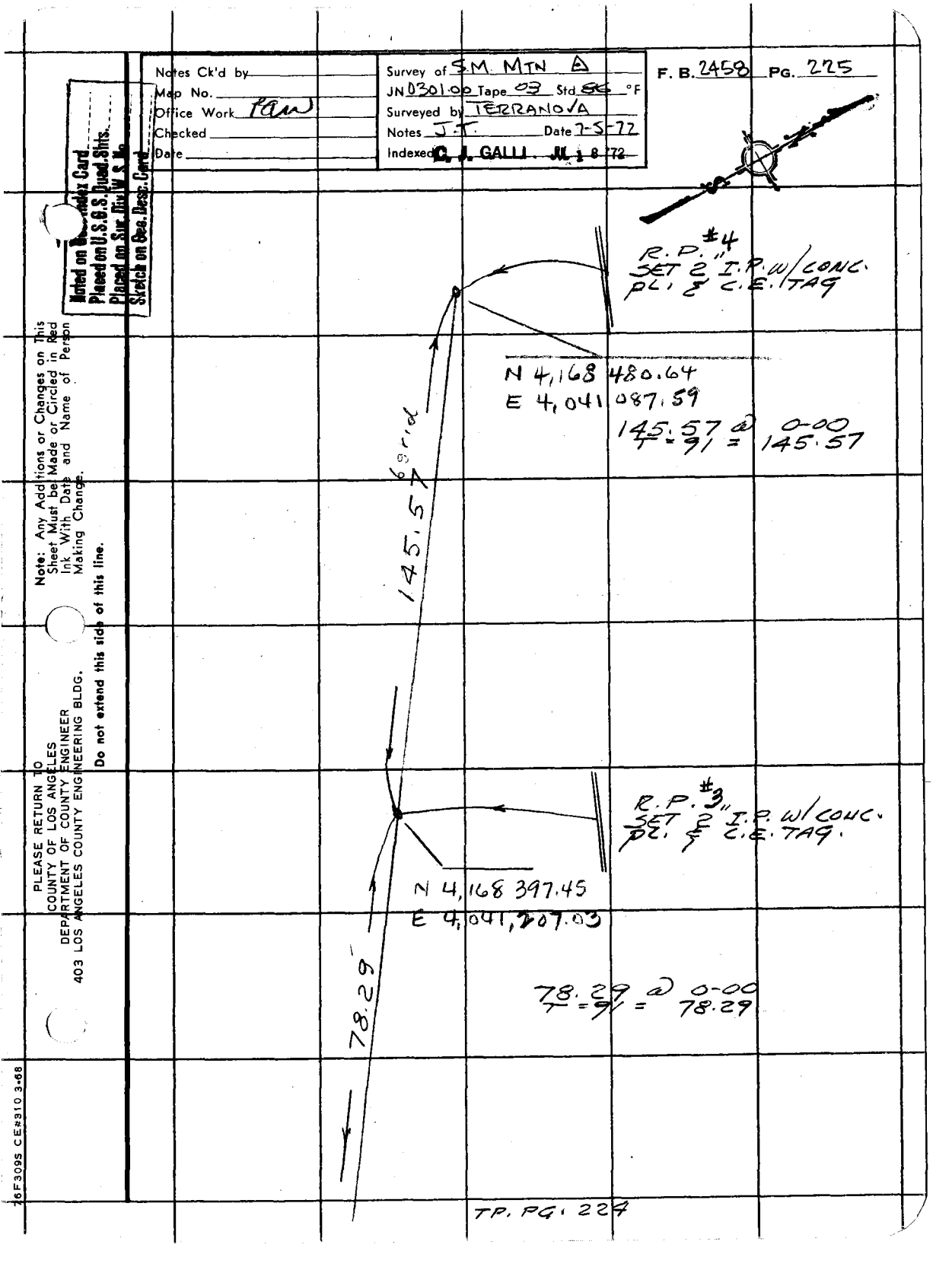
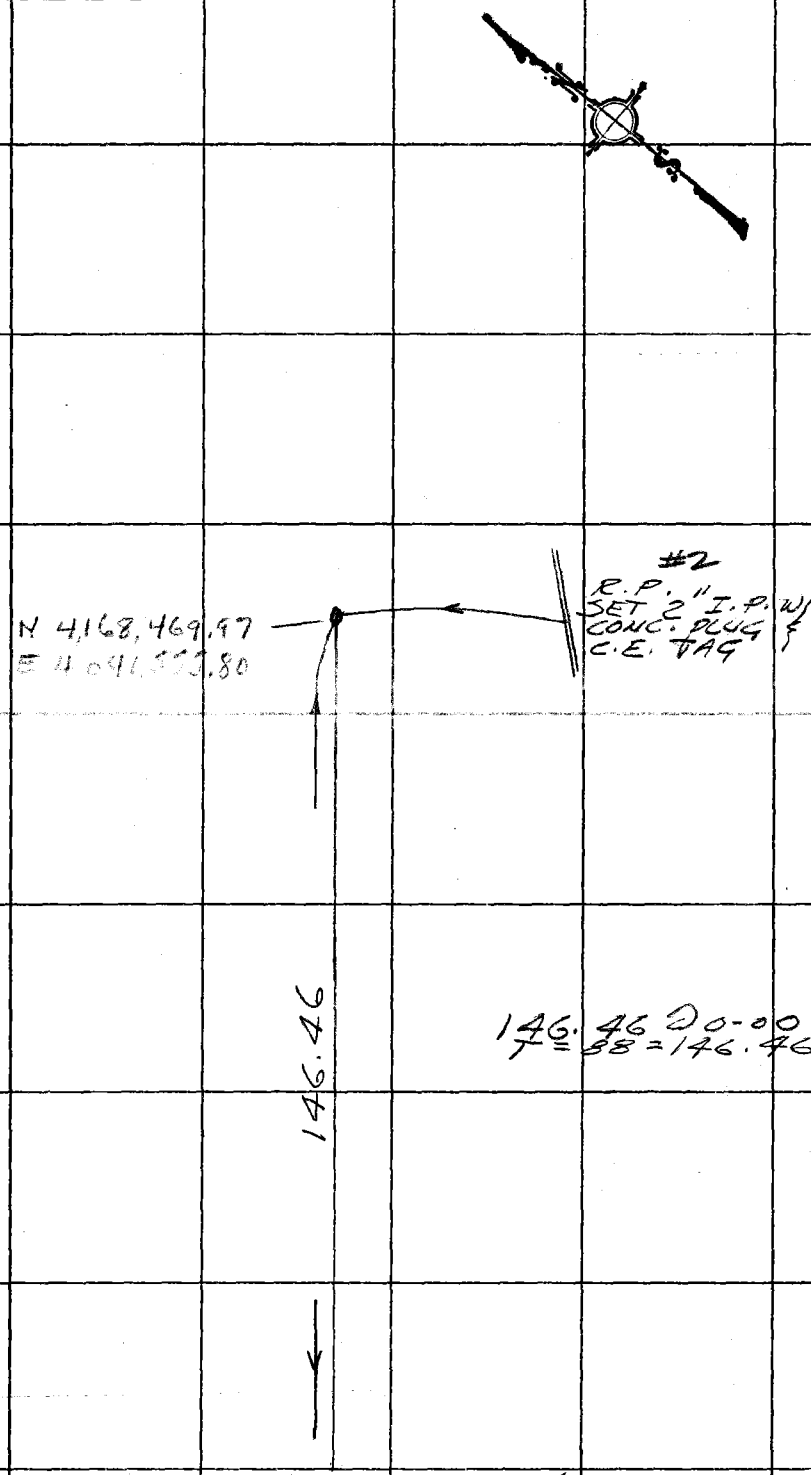


76F309S CE#810 3-68

F. B. 2458 PG. 226



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RT. PG. 224

F. B. 2458 PG. 227

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0301.02 Division No. 11
Date ____ Date ____ Survey of Solstice Canyon B-2 (Castro)
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by R.L. Strader Notes R.L.S. Date 12-17-73
Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date DEC 27 1973

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SOLSTICE CANYON B-2 (CASTRO)

0301.02

LEVELS TO DETERMINE ELEVATIONS ON SOLSTICE CANYON B-2 & AUX. #1, R.M. #1, ECC. #4, N.E. BDRY. COR., ECC. #2, R.M. #3, N.W. BDRY. COR.

LEVELS TO DETERMINE ELEVATION ON SOLSTICE CANYON A-4

Reciprocal trig levels between Solstice Cyn. A-4 & Solstice Cyn. B-2, R.M. # 3.

STATION	B. S.	H. I.	F. S.	ELEV.
			REFERENCE F.B. 3839	

SURVEY PARTY
R. STRADER
R. DOVER
G. RODGERS

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
Solstice Canyon B-2 (Aux.# 1)	4 62	2828 42		2823 80	Solstice Canyon B-2, Aux.#1 Elev. = 2823.80 as calc. from trig levels per F.B. 3839-7. Fd. a std. L.A. Co. Survey Control System brass disk in a 12"x12" conc. pad, UP 6". Per F.B. 2458-147, 148, 151
Solstice Canyon B-2			2 05	2826 37	Solstice Canyon B-2 Elev. = Found a 3/4" copper bolt in 36" Triangular conc. pad, UP 6" in a 60" Triangular conc. pad UP 15". Chiseled "X" & Punch mark F.B. 525-73, F.B. 1652-221, 235, 237
Solstice Canyon B-2, R.M.#1			5 31	2823 11	Solstice Canyon B-2, R.M.#1. Elev. = Found a U.S.C. & G.S. brass disk in a 18"x30" sandstone rock stamped Castro No. 1, 1898, 1923
Solstice Canyon Ecc.#4	0 80	2818 19	11 03	2817 39	Solstice Canyon B-2, Ecc.#4 Elev. = Found a 4" L.A. Co. Survey Control System brass disk in a 9"x9" conc. pad & stamped "Castro Ecc. 4, 1951, County Surveyor, R.E. 329" F.B. 525-73, F.B. 933-53, F.B. 1652-221
N.E. Boundary Corner			9 16	2809 03	N.E. Boundary Corner Elev. = Found a std. County Surveyor's Monument UP 2"
T.P.	9 95	2821 22	6 92	2811 27	
Solstice Canyon B-2, Ecc.# 2	4 73	2823 32	2 63	2818 59	Solstice Canyon B-2, Ecc.# 2 Elev. = Found a 4" L.A. Co. Survey Control System brass disk stamped "Castro, Ecc. No. 2, 1948, County Surveyor, R.E. 329" in a 12"x12" conc. pad F.B. 933-53, F.B. 1652-221
Solstice Canyon B-2, R.M.# 3	4 22	2823 77	3 77	2819 ~~2819~~ 55	Solstice Canyon B-2, R.M.#3 Elev. Found a U.S.C. & G.S. brass disk in a 10" dia. conc. post stamped "Castro, No. 3, 1898" UP 7"
N.W. Boundary Corner			12 53	2811 24	N.W. Boundary Corner Elev. Found a std. County Surveyor's Monument fl., w/ large hole in brass cap
T.P.	6 60	2828 15	2 22	2821 55	
Solstice Canyon B-2 (Aux.# 1)			4 37	2823 78	See description above

F. B. 2458 PG. 228 Job No. 0301.03 Division No. 11 Notes Red Plotted Profile
Survey of Solstice Canyon B-2 (Castro) Date Date No. X-Sec.
Survey by R.L. Strader Notes R.L.S. Notes Chk'd. Checked No.
Indexed G. D. BAILEY Date DEC 27 1973 Date Date

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
RDBM BY 5923	11 40	2098 68		2087 28	Rd. Dept. B.M. #BY 5923 Found a 3/4" I.P. w/C.S. tag, 40 ft. W. of c/L of Latigo Cyn. Rd., 175 ft. N. of c/L of Newton Cyn. Fire Road	Elev. = 2087.278 (1965)
T.P.	0 55	2087 87	11 36	2087 32		
"	2 26	2079 38	10 75	2077 12		
B.M. #16	10 85	2085 54	4 69	2074 69	B.M. #16 Found a std. County Engineer Brass button cap mon. Stamped "B.M. #16, 1952, R.E. 5869, UP 4" F.B. 2639-152 & 153	Elev. = 2074.806 Unadj.
T.P.	10 92	2096 00	0 46	2085 08	rock	
"	10 65	2105 31	1 34	2094 66	1x1	
"	10 36	2114 76	0 91	2104 40	rock	
"	2 69	2117 13	0 32	2114 44	"	
"	1 52	2107 04	11 61	2105 52	"	
Solstice Canyon A-4	11 46	2111 90	6 60	2100 44	Solstice Canyon A-4 Fd. a 4" L.A. Co. Control System brass disk in a 12" dia. tapered conc. pad stamped "Solstice Cn. A-4, 1960, L.A. Co. Eng'r., R.E. 5869 F.B.	Elev. =
T.P.	7 71	2119 02	0 59	2111 31	rock	
"	2 30	2109 98	11 34	2107 68	"	
"	2 15	2101 38	10 75	2099 23	1x1	
B.M. #15			4 63	2096 75	BM #15 Found a std. County Engineer Brass button cap mon. in approx. center of fire cistern, 110'± W'ly of Int. of Latigo Cyn. Rd. & Newton Cyn. Fire Truck Road	Elev. =
C.E. Tag	1 19	2097 79	4 78	2096 60	Fd. C.E. tag in lead in conc. fire cistern @ N.E. Cor.	
RDBM BY 5923			10 48	2087 31	Rd. Dept. BM. #BY 5923 See description above	

Profile Notes Red ____ Plotted ____ Job No. 0301.02 Division No. 11 F.B. 2458 Pg. 229
No. ____ Date ____ Date ____ Survey of Solstice Canyon A-4
X-Sec. Notes Chk'd. ____ Checked ____ Survey by R.L. Strader Notes R.L.S. Date 12-17-73
No. ____ Date ____ Date ____ Map No. ____ Indexed G.D. BAILEY Date DEC 27 1973

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
π @ Solstice Cyn. A-4					H. I. = 5.00	
	81°55'24"					
	278°04'44					
	360°00'08"		+ 8°04'40"		H. I. @ light = 2.98	
			Tan = .14192539		Light on Solstice B-2, R.M. #3	
					up 718.15	
π @ Solstice B-2, R.M. #3					H. I. = 3.90	
	98°07'25"					
	261°52'42"					
	360°00'07"		− 8°07'21"		H. I. @ light = 3.17	
			Tan = .14272175		Light on Solstice Cyn. A-4	
					dp 719.42	
					Mean = 718.78	
					2100.44	
					2819.22 = R.M. #3	

Inversed distance @ ground between
Sol A-4 to Sol B-2 RM#3 N 24°10'06" [redacted] E 5045.80 [redacted]

F. B. 2458 Pg. 230
Job No. 0301.02 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Solstice Cyn. A-4 & B-2, RM. #3 Date ____ Date ____ No. ____
Survey by R.L. Strader Notes R.L.S. Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed G. D. BAILEY Date DEC 27 1973 Date ____ Date ____ No. ____

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

Survey of GEOD. CONT. MON. PRSER.
JN 0301.00 Tape 168 Std. 84 °F
Surveyed by M. WACKER
Notes N. S. Date 7-7-77
Indexed HOLMAN APR 29 1961

F. B. 2458 PG. 231

J.N. 0301.00

GEODETIC CONTROL
MONUMENT PRESERVATION
TRIUNFO PASS K-3

REF :
F.B. 2300
F.B. 2458

M. WACKER
N. SMITH
R. MOORE

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 this disc at this line.

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F. B. 2458 PG. 232

1) 46° 50' 20"
2) 187° 21' 00"
3) 281° 02' 00"
= 46° 50' 20"

T = 88°

141.01 @ 4° 58' 40" = 140.48
140.89 @ 4° 24' 40" = 140.47
= 140.47

T = 88°

176.38 @ 2° 07' 40" = 176.26
176.34 @ 1° 47' 00" = 176.26
= 176.26

SET 4" BRASS DISK IN EPOXY, IN TOP 3.0 x 3.0 x 2.0 ROCK MKD. AS SHOWN. 2" MARKER PIPE 2.0± N'LY.

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION REFERENCE MARK
PASS K-3
DISTANCE 2276
R.M. NO 4
1977
SET BY L.A. CO. ENGINEERING DIV.
FOR INFORMATION SEE COUNTY SURVEYOR

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION REFERENCE MARK
PASS K-3
DISTANCE 2276
R.M. NO 3
1977
SET BY L.A. CO. ENGINEERING DIV.
FOR INFORMATION SEE COUNTY SURVEYOR

SET BRASS CAP MON. UP 3" MKD. AS SHOWN. 2" MARKER PIPE 2.0 N'LY.

FD. U.S.G.S. 4" BRASS CAP CEMENTED IN A STONE MKD. "TRIANG 1928" R.S. 2300 - 246
ALSO RUSSELL VALLEY B-12

176.26

46° 50'

140.47

DIRT RD.

29.47

23.57

17.49

FD. L.F.T. & C.E. TAG IN LEAD IN CONC. FLOOR GAS TANK STORAGE SHED. F.B. 2458-106

4.0 x 4.0 CONC. FOOTING'S

FD. C.E. TAG IN EPOXY IN 2.0' D/A. STONE UP. F.B. 2458-106 ECC. #1

4.0 x 4.0 CONC. FOOTING'S

FD. SPK. IN CONC. CUT X ON TOP. F.B. 2458-106

FD. 4" BRASS DISK IN CONC. UP STAMPED "TRIANG FD PASS K-3 1965 L.A. CO. ENGR" 2' NW. OF REF. DISK S 81° 39' W.E. F.B. 2458-106
F.B. 2300 - 244

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

Survey of GEODETIC CONTROL
JN 030180 Tape Std °F
Surveyed by W. J. VOGE
Notes VOGE Date 8/23/77
Indexed H. HOLLMAN

F. B. 2458 PG. 233

APR 29 1981

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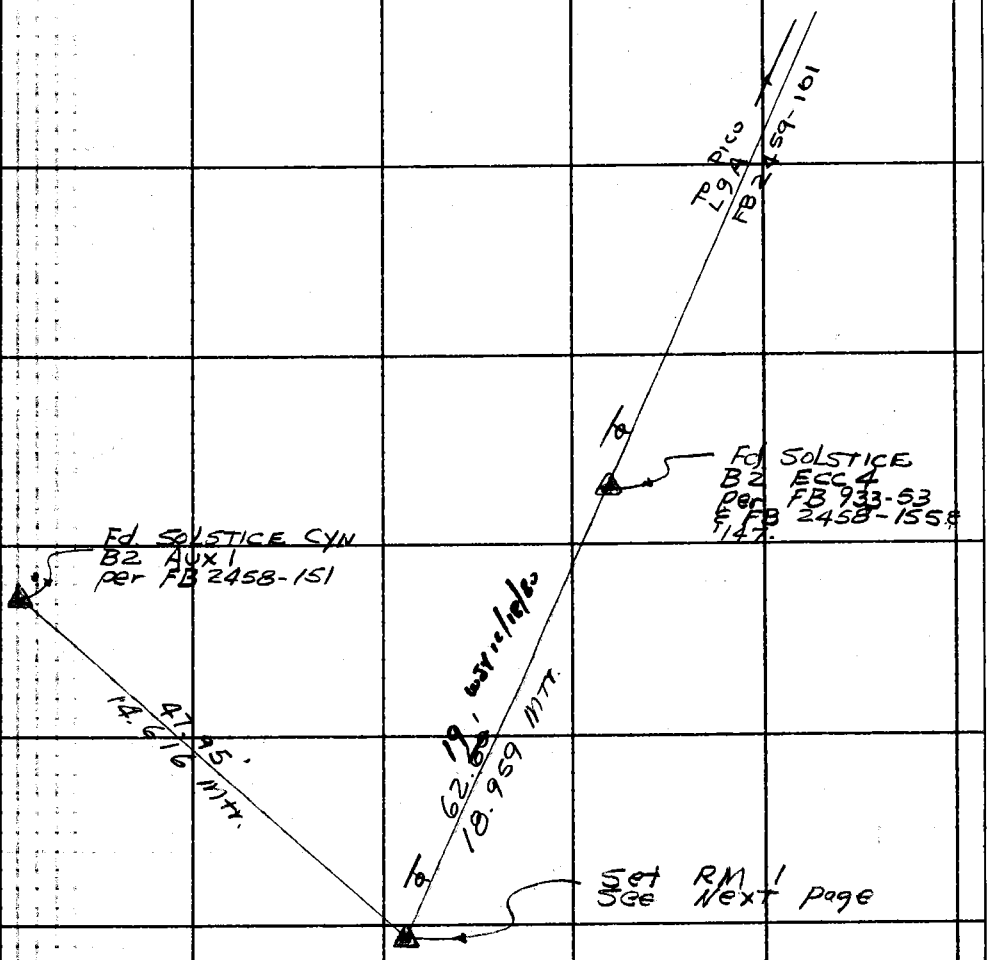
76F3095 CE # 319 3-61

SOLSTICE B2 ECC 4



F. B. 2458 PG 234

SOLSTICE B2 ECC 4

MEASUREMENTS:

300' Tape 174	300' Tape 139	50 Meter Tape M3	50 Meter Tape M6
62.~~60~~ 19 @ LEV = 62.~~60~~ 19	62.~~60~~ 19 @ LEV = 62.~~60~~ 19	18.959 @ LEV = 18.959	18.959 @ LEV = 18.959
47.95 @ LEV = 47.95		14.616 @ LEV = 14.616	

AREA: SEE FB 2458 - 152

ROUTE: SEE FB 2458 - 152

STATION MARK: SEE FB 2458 - 148

REFERENCE MARKS:

NO. 1: A 4" LA CO SUR. CONTROL SYSTEM brass ref mark disc stamped " SOLSTICE B2 ECC 4 RM 1 RE 28726, 3" above the ground and set in a 6" conc. post.

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408 LOS ANGELES COUNTY ENGINEERING BLDG.
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