Notes Ck'd by	Survey of	F.B. 735 Pg. 3
Map No.	W.O. Tape No. Std. °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed 2-5-46	

LOS ANGELES COUNTY GEODETIC
CONTROL SURVEY

FOR

CITY OF SIERRA MADRE, CALIF.

J.N. 4919
Begun Oct. 5, 1945.

G. Klemeck
J. Lanigan
J.W.S. Moore
M. Natapoff
H. Stock
R. Anderson

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
Do not extend notes this side of this line.
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
FORM 247 SM 12-40

F.B. 936 PG. 6

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN Tape Std °F
Office Work	Surveyed by
Checked	Notes DREIER Date 1960
Date	Indexed

F. B. 935 PG.

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D-4B	11	" " & 736.3 FT N. OF GRAND VIEW AVE
D-6A	13	" " & FOOTHILL BLVD.
D-6B	15	" " & ORANGE GROVE AVE.
E-3	17	
E-4	19	LIMA ST. & CARTER AVE.
E-4A	21 A	LIMA ST. & GRAND VIEW AVE.
E-5A	23	LIMA ST. & SIERRA MADRE BLVD.
E-6	25	" " & ORANGE GROVE AVE.
E-6A	27	PALM DR. & " " "
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G-5	43	SIERRA MADRE BLVD. & " "
G-6A	45	ORANGE GROVE AVE & " " (S'LY PROD)
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& I-5 ECC. 1

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

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

763098 CE #247 7-53

F. B._____ PG._____

STATION	PAGE	LOCATION
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	108 109 110	BLANK
ALTADENA E-2	111	S.W. COR. S. PASADENA,
" G-4A	113	PENN ST & [illegible]
" G-4B	115	" " & SUMMIT AVE

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

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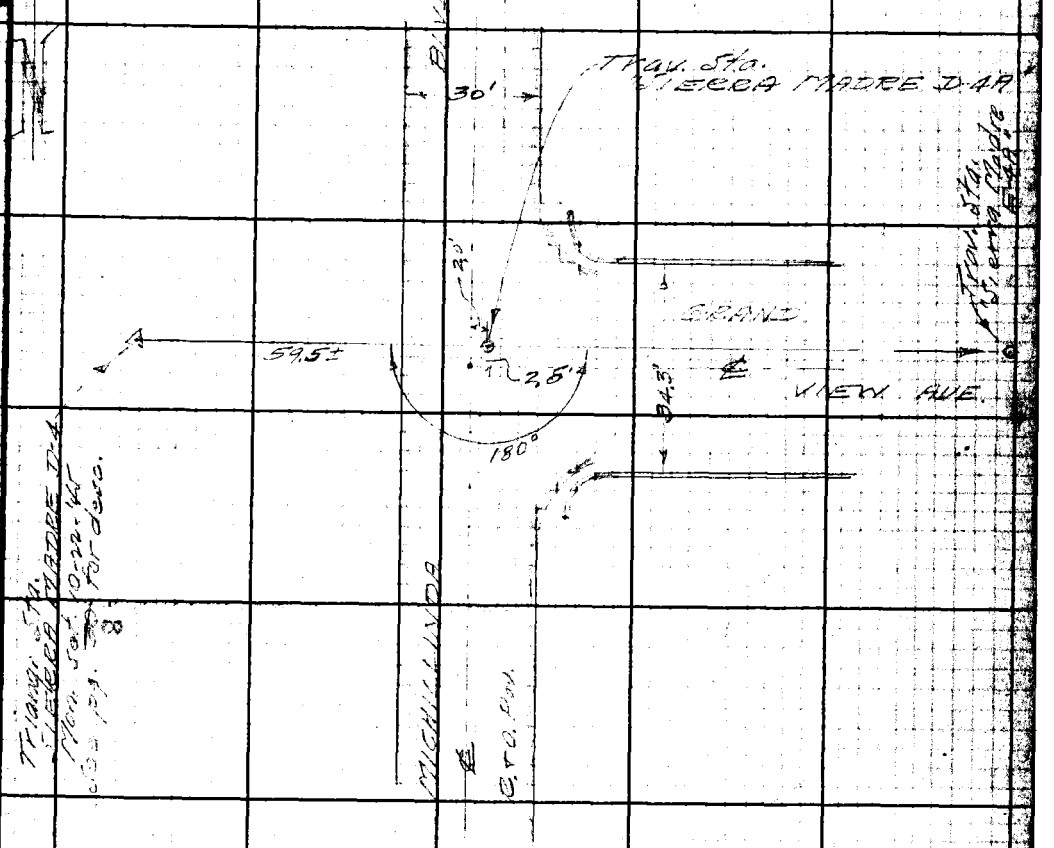
Notes Ck'd by	Survey of [illegible]	F.B. [illegible] Pg. 7
Map No.	W. O. 4919 Tape No. Std 68 °F	W.S. #45
Office Work	Surveyed by G.W. Kleinack	
Checked	Notes G.W.K. Date [illegible]	
Date	Indexed [illegible]	

W.S. 4 - A-3

L.A. CO. SURV. CONT. SYS. TRIANG. STA.
"SIERRA MADRE D-4"



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 12-40

F.B. 935 Pg. 8

~DESCRIPTION~

L.A. CO. SURV. CONT. SYS. TRIANG. STA. "SIERRA MADRE D-4"

In L.A. Co., City of Sierra Madre, on Michillinda Blvd. at Grand View Ave.

Surface Mark: Set a std 4" brass tablet in conc 15" below ground surface, marked: "L.A. CO. SURV. CONT. SYS. TRIANG. STA." and stamped "SIERRA MADRE D-4, 1945" and "SET BY COUNTY SURVEYOR, C.E. 2177."

Subsurface Mark: None.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

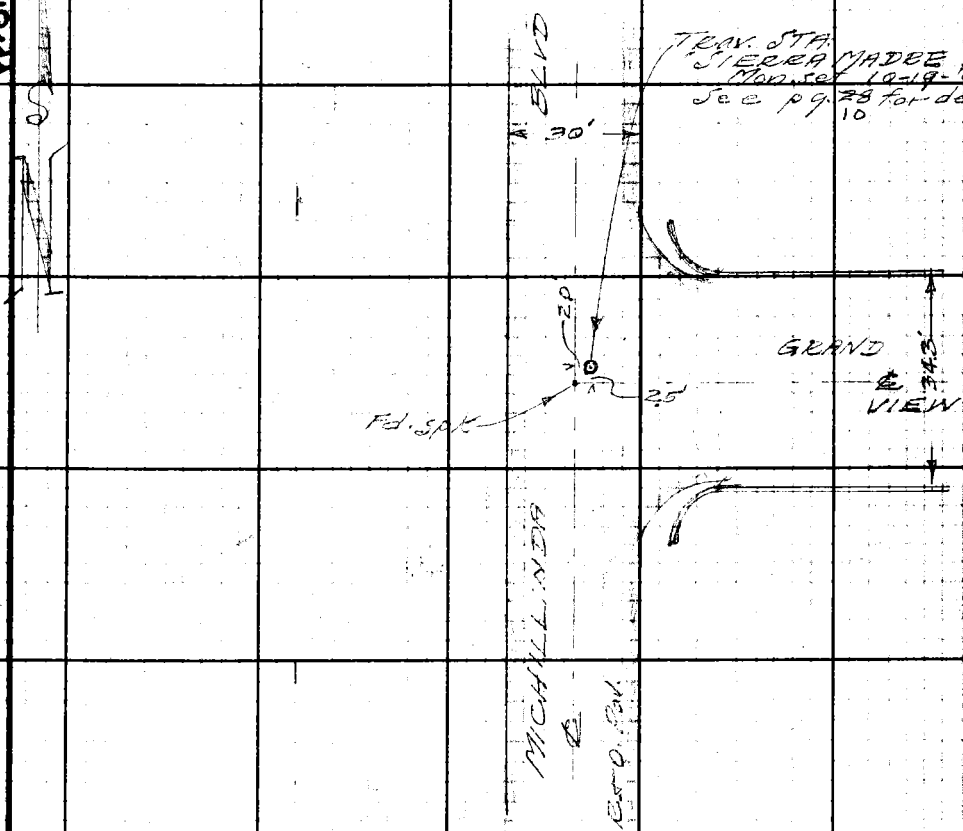
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by		Survey of [illegible]	F.B. 935 Pg. 9
Map No.		W. O. 4919 Tape No. St'd 68 °F	W.S. #45
Office Work		Surveyed by G. W. Klaineck	
Checked		Notes [illegible] Date 10-19-45	
Date		Indexed [illegible]	

W.S. 45 A-3

L.A. Co. Surv. Cont. Trav. Sta.

"Sierra Madre D-4A"



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

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 12-40

F.B. 935 PG. 10

~DESCRIPTION~

L.A. CO. SURV. CONT. TRAV. STA.
"SIERRA MADRE D-4A"

In L.A. Co., City of Sierra Madre, on Michillinda Blvd. at Grand View Ave., and in a well cut thru the pavement and protected by a cast iron cover marked: "COUNTY SURVEYOR MONUMENT"

Surface Mark: Set a std. 4" brass tablet in conc. 2" below subgrade of the street, marked: "L.A. CO. SURV. CONT. SYS. TRAV. STA.", and stamped: "SIERRA MADRE D-4A, 1945" and SET BY "COUNTY SURVEYOR, R.E. 2177."

Subsurface Mark: None.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Notes Ck'd by	Survey of Geod. Cont. Sierra Madre
Map No.	W. O. 4919 Tape No. Std 68 °F
Office Work	Surveyed by G.W. Kleineck
Checked	Notes G.W.K. Date 10-25-45
Date	Indexed

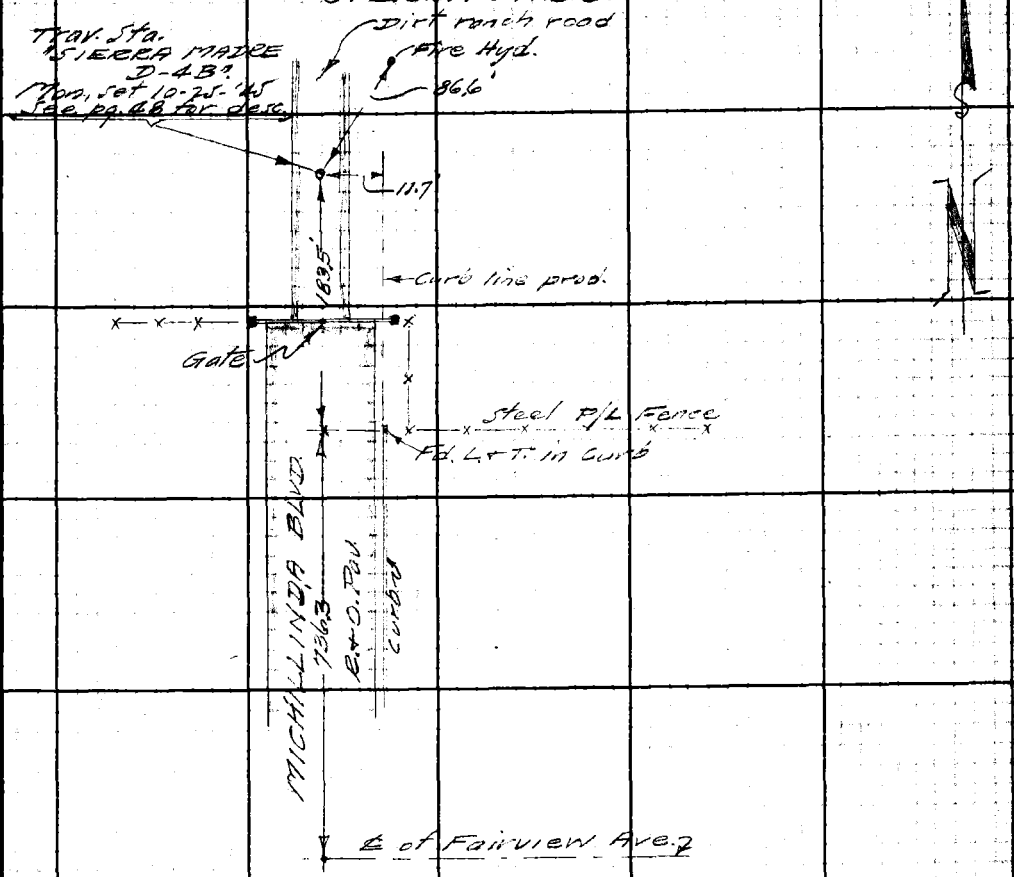
F.B. 935 PG. 11

W.S. #45

W.S. 45-A-3

L.A. CO. SURV. CONT. S/S TRAV. STA.

"SIERRA MADRE D-4B"



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 3M 12-40

F.B. 935 PG. 12

— DESCRIPTION —

L.A. CO. SURV. CONT. SYS. TRAV. STA.
"SIERRA MADRE D-4B"

In L.A. Co., City of Sierra Madre, on a northerly production of Michillinda Blvd. near foothills.

Surface Mark:- Set a std 4" brass tablet in conc. 1.0' below road surface, marked: "L.A. CO. SURV. CONT. SYS. - TRA. STA.", and stamped: "SIERRA MADRE D-4B, 1945," and SET BY "COUNTY SURVEYOR, RE 2177."

Subsurface Mark: None

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

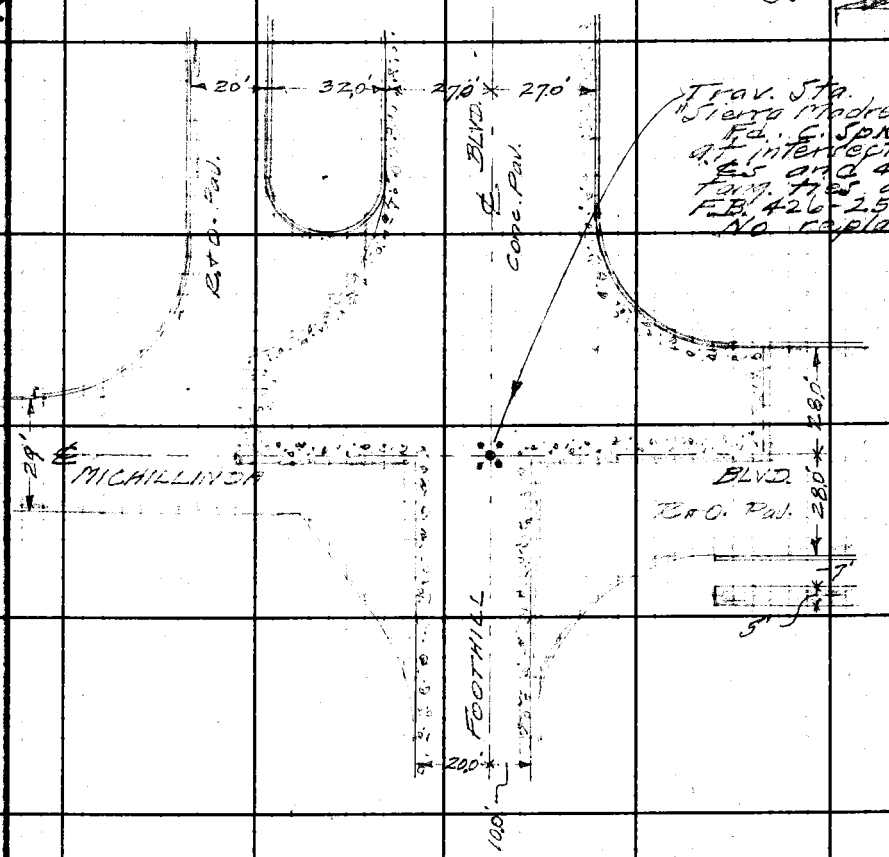
Notes Ck'd by	Survey of
Map No.	W. O. Tape No. Std °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

F.B. Pg. 13

W.S. #45

W.S. 45-A-4

"SIERRA MADRE D-6A"



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 12-70

F.B. 935 PG. 14

— DESCRIPTION —

L.A. CO. SURV. CONT. SYS. TRAV. STA.
SIERRA MADRE D-6A

In L.A. Co., Arcadia - Sierra Madre area, at the intersection of Foothill and Michillinda Blvds.

Surface Mark: Cut spk. & Washer set in conc. pavement.

Subsurface Mark: None.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

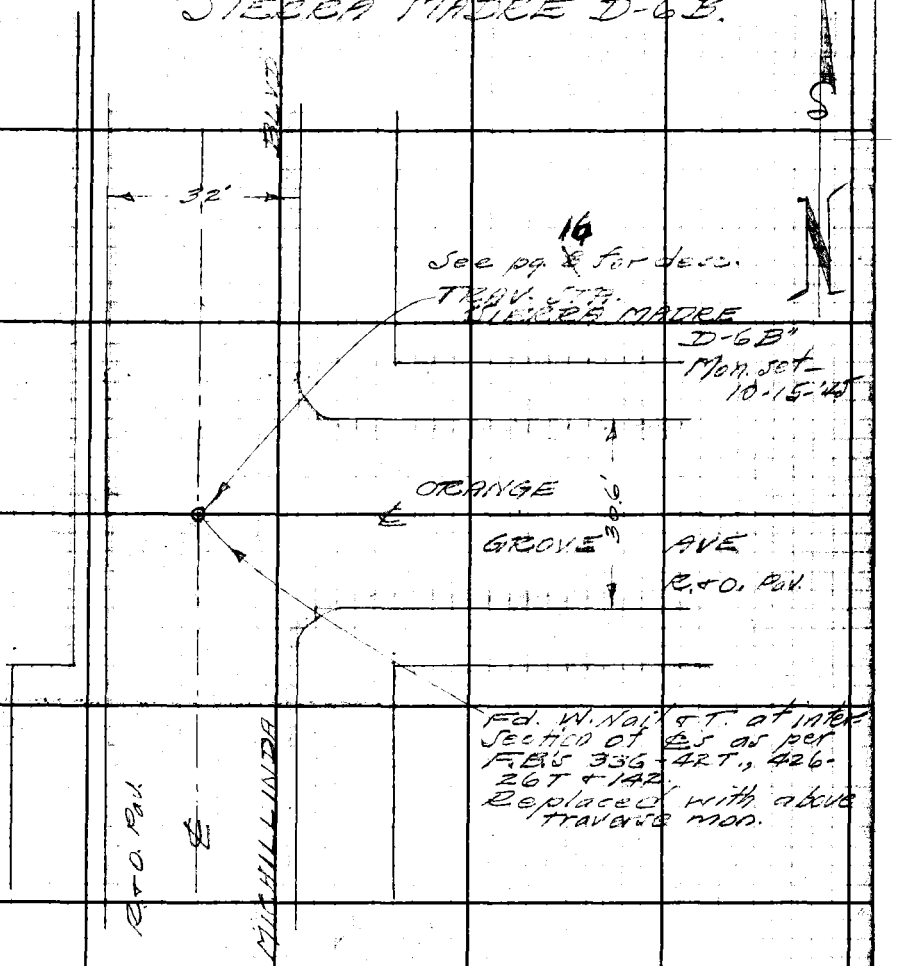
Notes Ck'd by	Survey of Geod. Cont. Sierra Madre
Map No.	W. O. 4919 Tape No. Std 68 °F
Office Work	Surveyed by G. W. Kleineck
Checked	Notes G.W.K. Date 10-15-45
Date	Indexed A. C. Johnson

F.B. 935 PG. 15

W.S. #4

W.S. 45-A-4

L.A. CO. SURV. CONT. TRAV. STA.
"SIERRA MADRE D-6B"



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 12-40

F.B. 935 Pg. 16

~DESCRIPTION~

L.A. CO. SURV. CONT. SYS. TRAV. STA.
"SIERRA MADRE D-6B"

In L.A. Co., City of Sierra Madre at the intersection of Michillinda Blvd. and Orange Grove Ave., and in a well cut thru the pavement and protected by a cast iron cover marked "COUNTY SURVEYOR MONUMENT"

Surface Mark: Set a standard 4" brass tablet in conc. 4" below subgrade of street and marked: "L.A. COUNTY SURVEY CONTROL SYSTEM - TRAVERSE STATION" and stamped: "SIERRA MADRE D-6B"

COUNTY SURVEYOR - R.E. 2177.

Subsurface Mark - None.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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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 [illegible]	F.B. 935 Pg. 17
Map No.	W. O. 4919 Tape No. Std 68°F	
Office Work	Surveyed by G.W. Klaneck	
Checked	Notes [illegible] Date	
Date	Indexed [illegible]	

L.A. CO. SURV. CONT. SYS. TRIANG. STA.
"SIERRA MADRE E-3"

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

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 247 5M 10-10

F.B. 935 PG. 18

— DESCRIPTION —

L.A. CO. SURV. CONT. SYS. TRIANG.
STA. "SIERRA MADRE E-3"

In L.A. Co. near the northwest corner of the city limits of Sierra Madre, west side of Eaton Canyon, about 0.8 mile north of Grand View Ave. or one third of a mile north of the monastery, in the foothills near a prolongation of Sunnyside Ave.

Surface Mark: Set a 2½" brass tablet in conc. 2" above ground surface, marked: "COUNTY SURVEYOR MONUMENT" and stamped: "SIERRA MADRE E-3, 1945 - R.E. 2117"

Subsurface Mark: None.

To reach station - from N. Lima St. and Sierra Ave. go west and north 0.25 mile over paved road to the monastery. Walk north 300' to base of hills and follow up a steep fire-break ridge 0.25 mile to a flat near junction of short spur ridge running east.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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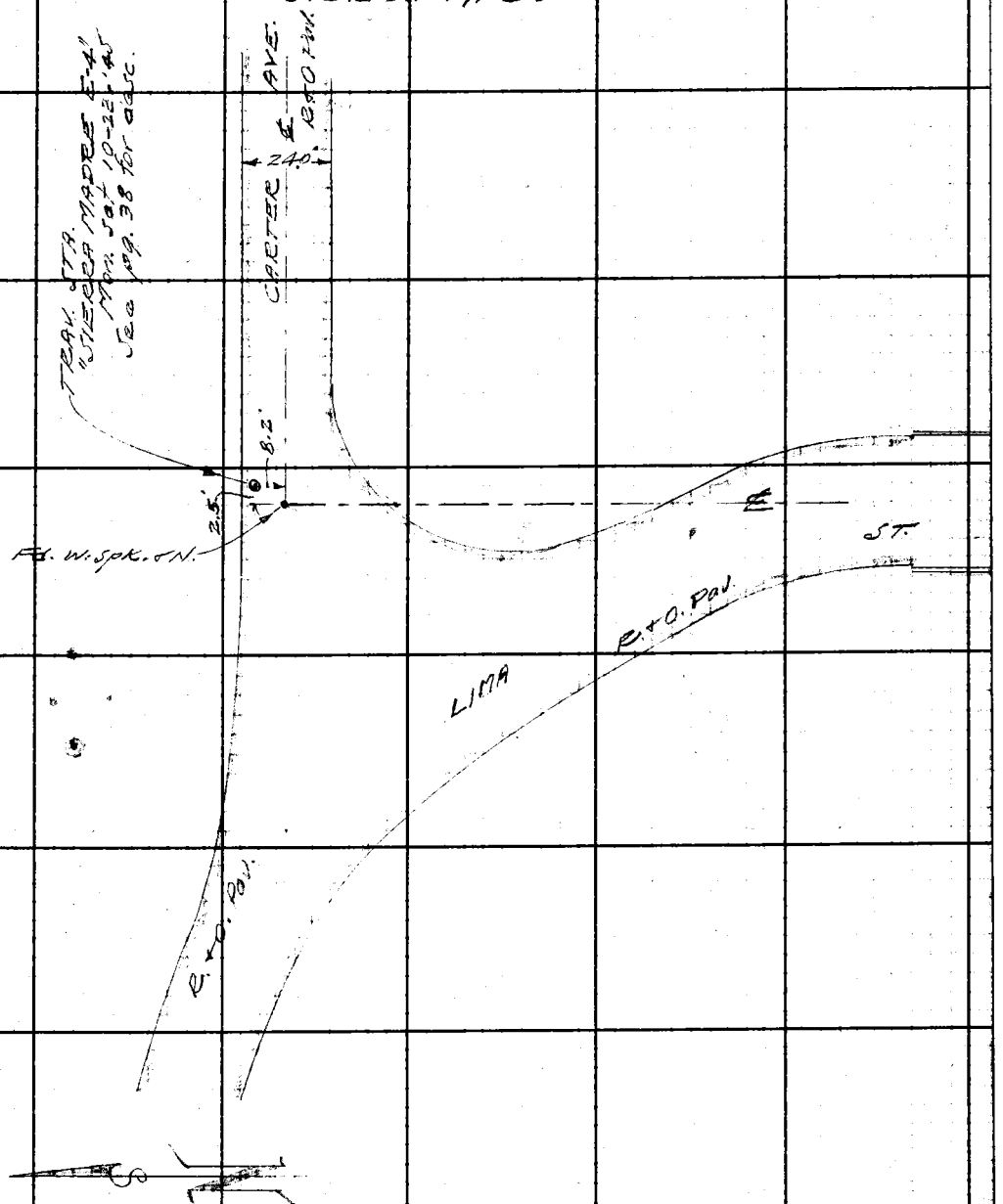
Notes Ck'd by	Survey of [illegible]
Map No.	W. O. 4919 Tape No. Std 68°F
Office Work	Surveyed by G. W. Kleineck
Checked	Notes G.W.K. Date 10-23-'45
Date	Indexed [illegible]

F.B. 935 Pg. 19

W.S. 45

W.S. 45 B-3

L.A. CO. SURV. CONT. SYS. TRAV. STA.
"SIERRA MADRE E-4"



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 12-40

F.B. 935 PG. 20

~ DESCRIPTION ~

L.A. CO. SURV. CONT. SYS. TRAV. STA.
"SIERRA MADRE E-4"

In L.A. Co., City of Sierra Madre, on Carter Ave. at Lima St., and in a well cut thru the pavement and protected by a cast iron cover marked: "COUNTY SURVEYOR MONUMENT".

Surface Mark:- Set a std 4" brass tablet in conc. 2" below subgrade of the street, marked: "L.A. CO. SURV. CONT. SYS.- TRAV. STA." and stamped: "SIERRA MADRE E-4, 1945", and SET BY "COUNTY SURVEYOR, R.E. 2177".

[illegible] Mark: [illegible]

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Notes Ck'd by	Survey of [illegible]
Map No.	W. O. 4919 Tape No. Std 68
Office Work	Surveyed by G.W. Klemeck
Checked	Notes G.W.K. Date 10-18-45
Date	Indexed A. C. Johnson

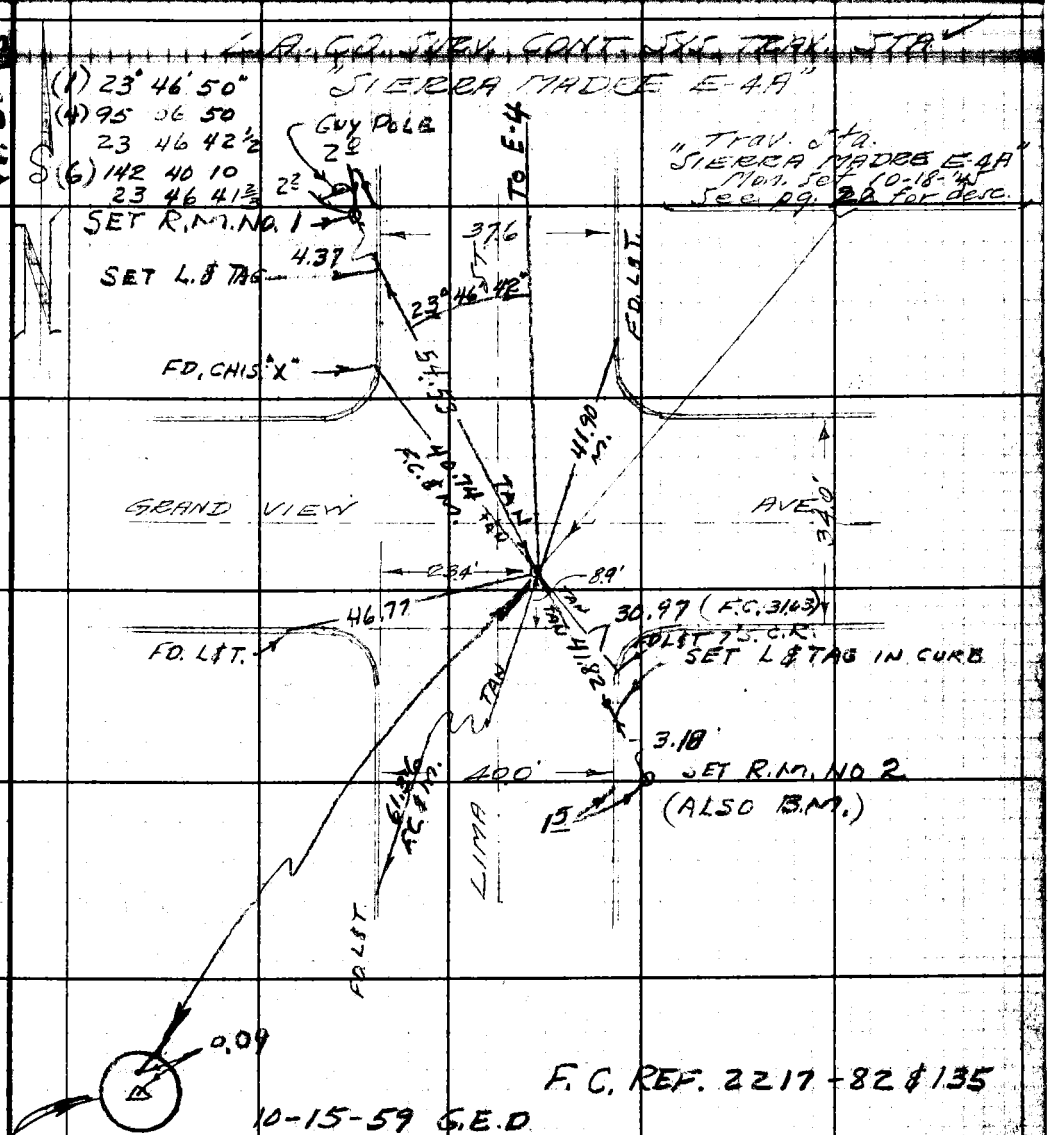
W.S. #45

W.S. 45-B-3

L.A. CO. SURV. CONT. SYS. TRAV. STA.

"SIERRA MADRE E-4A"

(1) 23° 46' 50"
(4) 95 06 50
23 46 42½
(6) 142 40 10
23 46 41⅔



F. C. REF. 2217-82 & 135

10-15-59 G.E.D

NOTE FLOOD CONTROL SURVEY PARTY REPORTS HAVING REPUNCHED THIS MON. PER THIER PRECONSTRUCTION TIES AFTER CONST. COMPLETED. MON. WAS PARTIALLY EXPOSED DURING STORM DRAIN CONST. IN LIMA ST.

R.M.s 1 & 2 & L&T.s TANGENT TO R.M. 0.09 FT. N. OF CENTER OF MON.

ELEV. - TRANSFERED TO R.M. NO. 1 & 2

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 3M 12-40

F.B. 935 PG. 22

~DESCRIPTION~

L.A. CO. SURV CONT SYS. TRAV. STA.
"SIERRA MADRE E-4A"

In L.A. Co, City of Sierra Madre, on Grand View Ave. at N. Lima St, and in a well cut thru the pavement and protected by a cast iron cover marked: "COUNTY SURVEYOR MONUMENT".

Surface Mark :- Set a std 4" brass tablet in conc, 3" below subgrade of the street, marked: "L.A. CO. SURV. CONT SYS-TRAV. STA." and stamped: "SIERRA MADRE E-4A, 1925" and set by "COUNTY SURVEYOR, R.E. 2177".

Subsurface Mark: None

10-15-59 G.E.D.

R.M. NO 1 SET STD. REF. MON STAMPED "SIERRA MADRE E-4A R.M. NO.1 1959 L.A. CO. ENGR. R.E 5869" 6 INCHES BELOW CURB GRADE

10-15-59

R.M NO 2 SET STD. REF. MON. STAMPED SIERRA MADRE E-4A R.M. NO 2 1959 L.A. CO. ENGR. R.E. 5869" FLUSH WITH CURB GRADE.

RETURN TO
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700 HALL OF RECORDS

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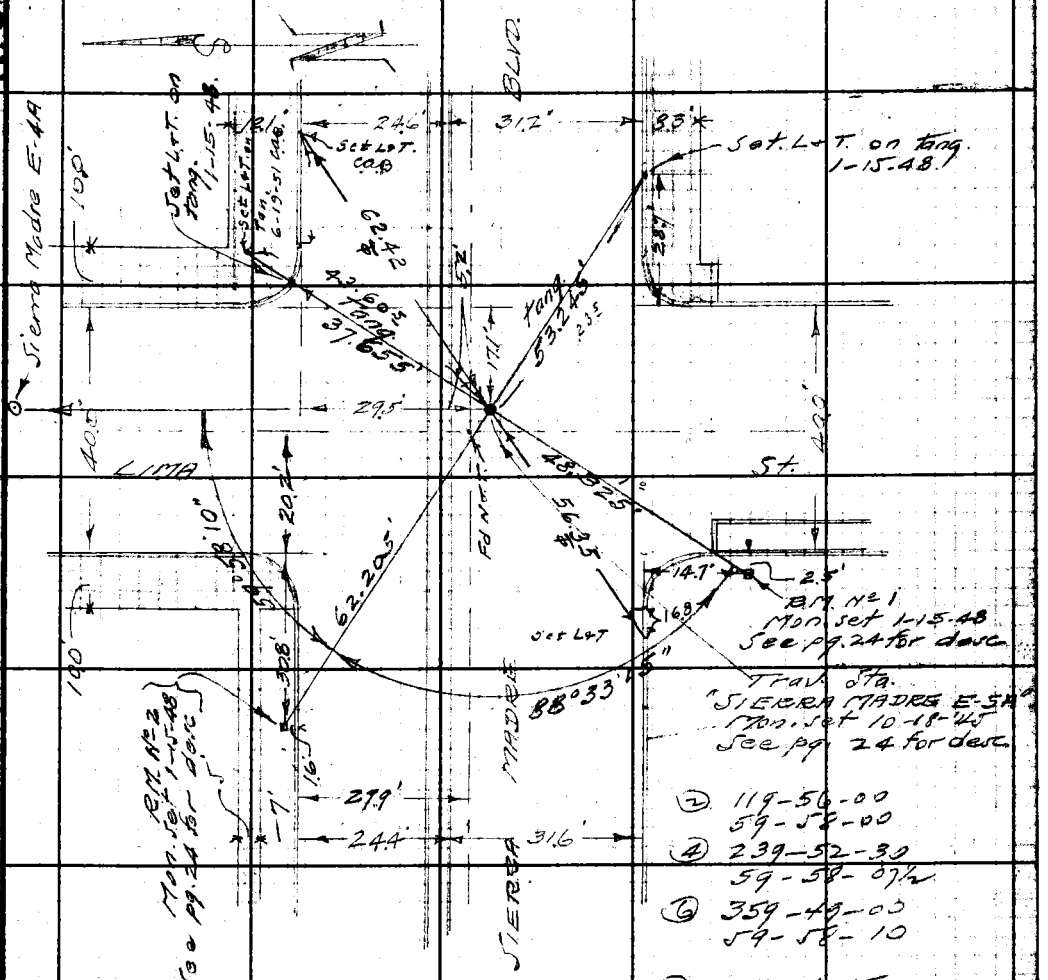
Notes Ck'd by	Survey of [illegible]	F.B. 935 Pg. 23
Map No.	W. O. 4919 Tape No. 060 Std 68 °F	
Office Work	Surveyed by G.W. Kleineck	
Checked	Notes [illegible] Date 10-18-45	
Date	Indexed [illegible]	

W.S. 48-B-3

L.A. CO. SURV. CONT. SYS. TRAV. STA.
"SIERRA MADRE E-5A"



(2) 119-56-00
59-58-00
(4) 239-52-30
59-58-07½
(6) 359-49-00
59-58-10

(2) 177-06-15
88-33-07½
(4) 354-13-00
(6) 171-19-30
88-33-15

53.243' @ 80° = 53.245'
48.323' @ " = 48.325'
62.20' @ " = 62.205'
37.652' @ " = 37.655'

Referencing by Kleineck + party 1-15-48.

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Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 12-40

F.B. 935 PG. 24

—DESCRIPTION—

L.A. CO. SURV. CONT. TRAV. STA.
SIERRA MADRE E-5A

In L.A. Co, City of Sierra Madre, on Sierra Madre Blvd. at Lima St, and in a well cut thru. the pavement and protected by a cast iron cover marked: "COUNTY SURVEYOR MONUMENT"

Surface Mark:- Set a std 4" brass tablet in conc. 3" below subgrade of the street, marked: "L.A. CO. SURV. CONT. SYS.-TRAV. STA.," and stamped:- "SIERRA MADRE E-5A, 1945" and SET BY "COUNTY SURVEYOR, R.E. 2177".

Subsurface Mark: None.

R.M. No 1:- Set a 2 I.P. with copper pin in conc. core, in conc., 12 deep.

R.M. No 2:- Set a std 4" brass tablet in conc. 12" below curb grade inscribed "L.A. CO. SURV. CONT. SYS.-REF. MARK, SIERRA MADRE E-5A, R.M. No 2, 1948" and "SET BY COUNTY SURVEYOR, R.E. 329".

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

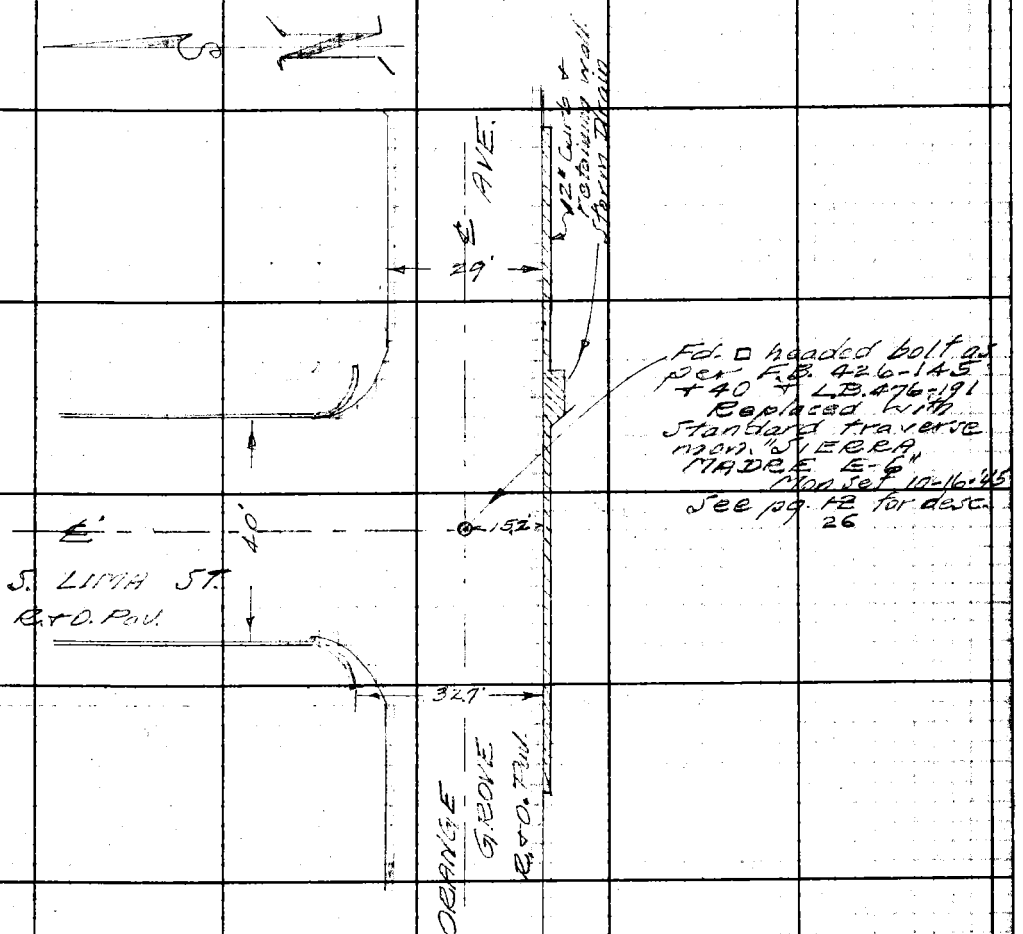
Notes Ck'd by	Survey of [illegible]
Map No.	W. O. 4919 Tape No. Std. 68°F
Office Work	Surveyed by G.W. Kleineck
Checked	Notes G.W.K. Date 10-16-45
Date	Indexed [illegible]

F.B. 935 Pg. 25

W.S. #45

W.S. 45-B-4

LA. CO. SURV. CONT. TRAV. STA. "SIERRA MADRE E-6"



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 12-40

F.B. 935 PG. 26

—DESCRIPTION—

L.A. CO. SURV. CONT. TRAV. STA.
"SIERRA MADRE E-6"

In L.A. Co., City of Sierra Madre, on Orange Grove Ave. at S. Lima St., and in a hole set thru the pavement and protected by a cast iron cover marked: "COUNTY SURVEYOR MONUMENT."

Surface Mark: Set a std 4" brass tablet in conc. 5" below subgrade of the street, marked: "L.A. Co. Surv. Cont. Sys. Trav. Sta," and stamped: "Sierra Madre E-6, 1945" and set by "County Surveyor R.E. 2177"

Subsurface Mark: None.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

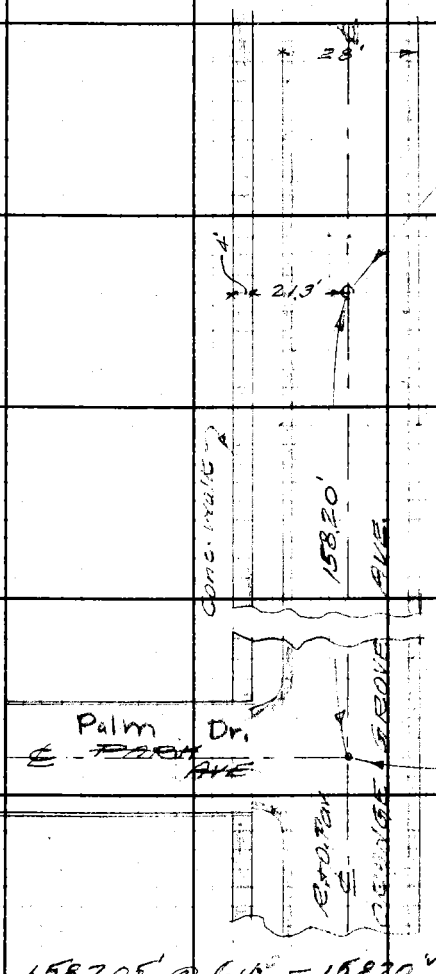
Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of [illegible]	F.B. 935 Pg. 27
Map No.	W. O. 4919 Tape No. 030 Std 68 °F	W.S. #45
Office Work	Surveyed by G.W. Kleineck	
Checked	Notes G.W.K. Date 10-15-45	
Date	Indexed	

W.S. 45-A-4

L.A. COUNTY SURV. CONT. TRAV. STA. "SIERRA MADRE E-6A"



Fd. C. Spk. T.W. at POT as per F.B. 426-144. Replaced with Std traverse mon. - Sta. "SIERRA MADRE E-6A". Mon. set 10-15-45 See next pg. for desc.

Fd. Spk. W. TT at P.I. of ℄s as per F.B. 426-144.

158.205' @ 64° = 158.20'

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 12-40

F.B. 935 PG. 28

—DESCRIPTION—

L.A. CO. SURV. CONT. TRAV. STA.
"SIERRA MADRE E-6A"

In L.A. Co., City of Sierra Madre on Orange Grove Ave., between Park Ave. and Lima St., and in a well out thru the pavement and protected by a cast iron cover stamped "COUNTY SURVEYOR MONUMENT"

Surface Mark: Set a std 4" brass tablet in conc. 4" below subgrade of the street and marked: "L.A. Co. SURV. CONT. TRAV. STA." and stamped: "SIERRA MADRE E-6A, 1945 M.S." SET BY "COUNTY SURVEYOR - R.E. 2177."

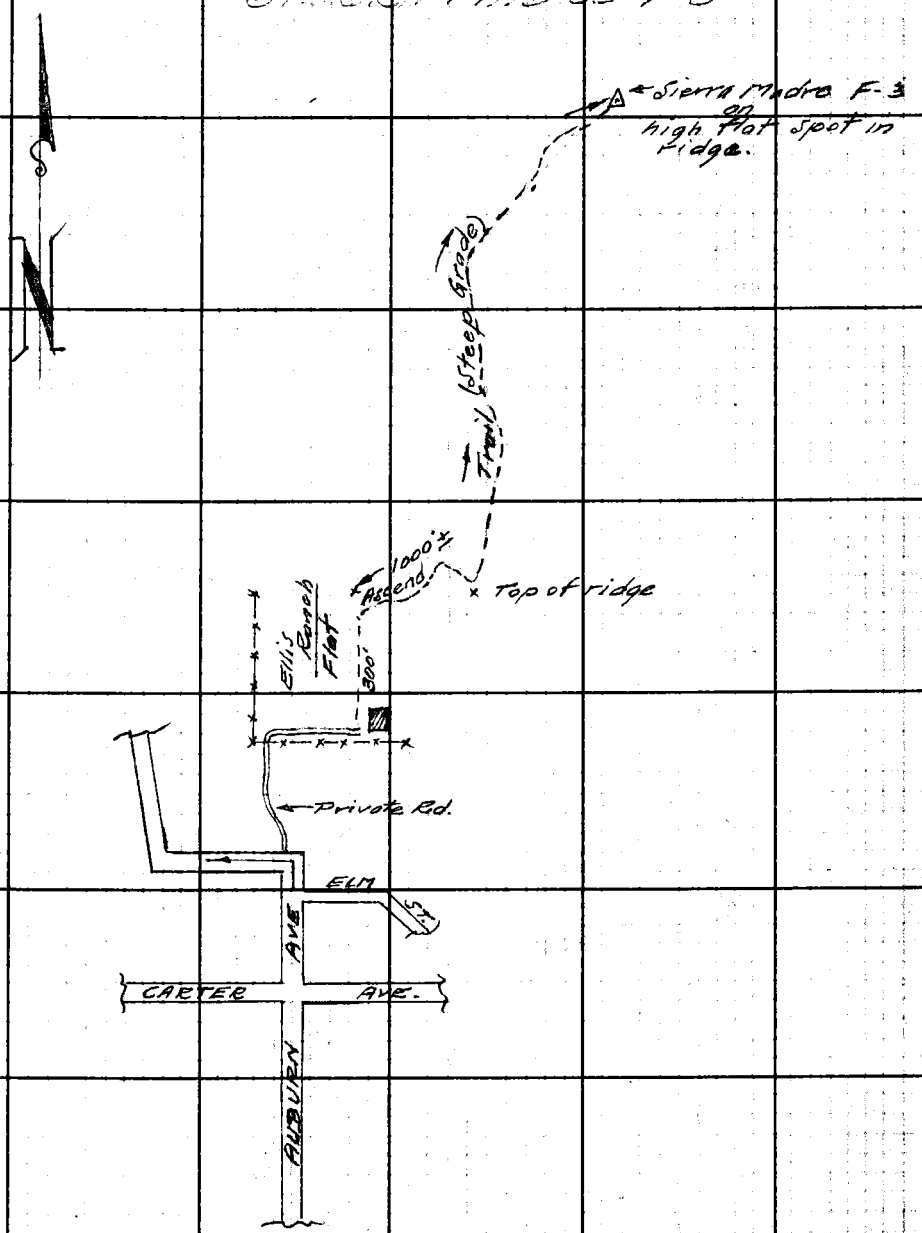
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of [illegible]	F.B. 935 Pg. 29
Map No.	W. O. 4919 Tape No. St'd 60°F	
Office Work	Surveyed by G.W. Kleineck	W.S. #45
Checked	Notes G.W.K. Date	
Date	Indexed A. C. Johnson	

L.A. CO. SURV. CONT. SYS. TRIANG. STA.
"SIERRA MADRE F-3"



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 3M 12-40

F.B. 935 PG. 30

-DESCRIPTION-

L.A. CO. SURV. CONT. SYS. TRIANG. STA.
"SIERRA MADRE F-3"

In L.A. Co. in low foothills north side of City of Sierra Madre about midway between projections of Baldwin & Auburn Ave's and 0.5 mile distant from Carter Ave.

Surface Mark: Set a 2½" brass tablet in conc. 3" above ground surface, marked: "COUNTY SURVEYOR MONUMENT" and stamped: "SIERRA MADRE F-3, 1945-R.E. 2177".

To Reach Sta.: From intersection of Carter & Auburn Ave's go north one block to left turn on Auburn; Continue on north on private road to end and entrance to Ellis ranch; from here go north along east side of orchard 300' to small spur ridge south side of ravine; ascend to dim trail to saddle in main ridge and thence on north up ridge and steep slope 1000'± to flat knoll and station.

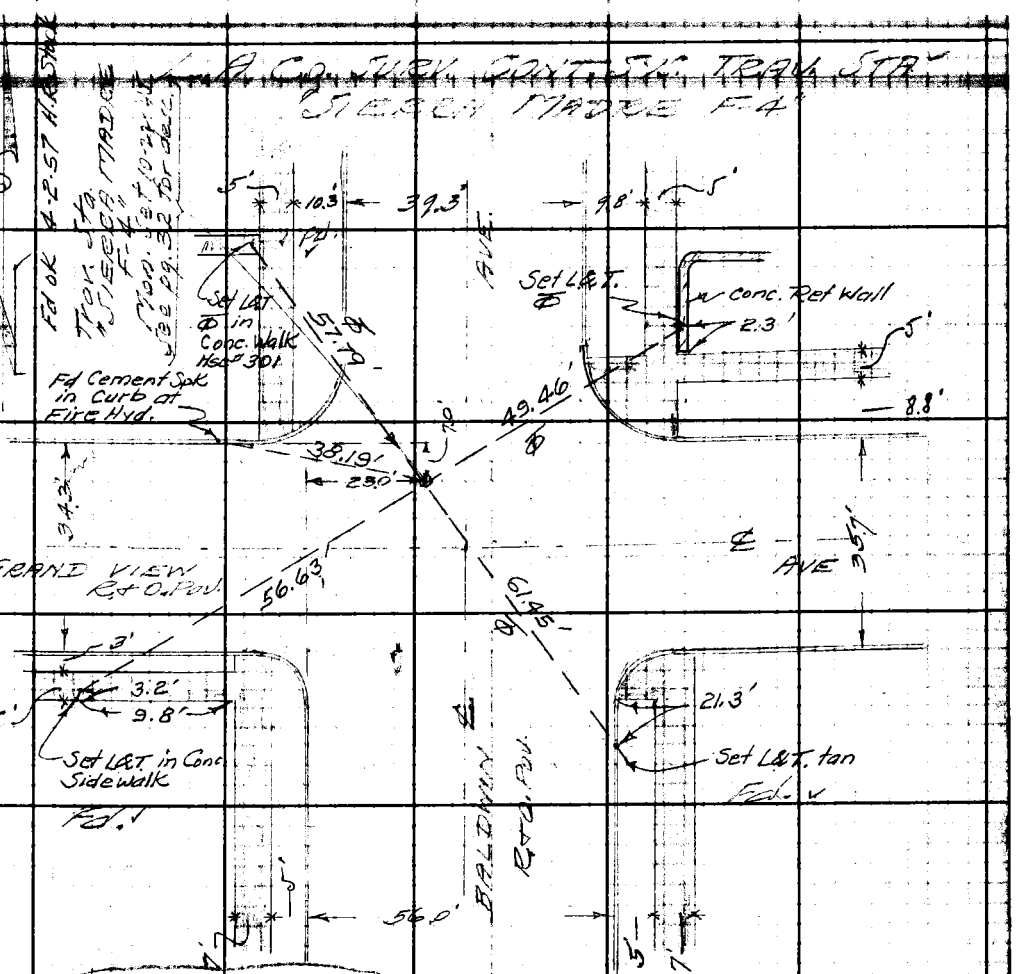
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Good Cont. Sierra Madre	F.B. 435 Pg. 31
Map No.	W. O. 4919 Tape No. Std 68 °F	W.S. #45
Office Work	Surveyed by G.W. Kleineck	
Checked	Notes G.W.K. Date 10-22-57	
Date	Indexed	

W.S. 45 - 3



H.R.S. 4-2-57

57.79'	level	T=70°	= 57.79'
38.19'	"	"	= 38.19'
49.46'	"	"	= 49.46'
61.45'	"	"	= 61.45'
56.63'	"	"	= 56.63'

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 12-10

F.B. 935 PG. 32

—DESCRIPTION—

L.A. CO. SURV. CONT. SYS. TRAV. STA.
"SIERRA MADRE F-4"

In L.A. Co., City of Sierra Madre, on N. Baldwin Ave. at Grand View Ave., and in a well cut thru the pavement and protected by a cast iron cover marked, "COUNTY SURVEYOR MONUMENT".

Surface Mark:- Set a std 4" brass tablet in conc. 2" below subgrade of the street, marked: L.A. CO. SURV. CONT. SYS.- TRAV. STA.", and stamped: "SIERRA MADRE F-4, 1945" and SET BY "COUNTY SURVEYOR RE. 2177."

Subsurface Marks: None.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

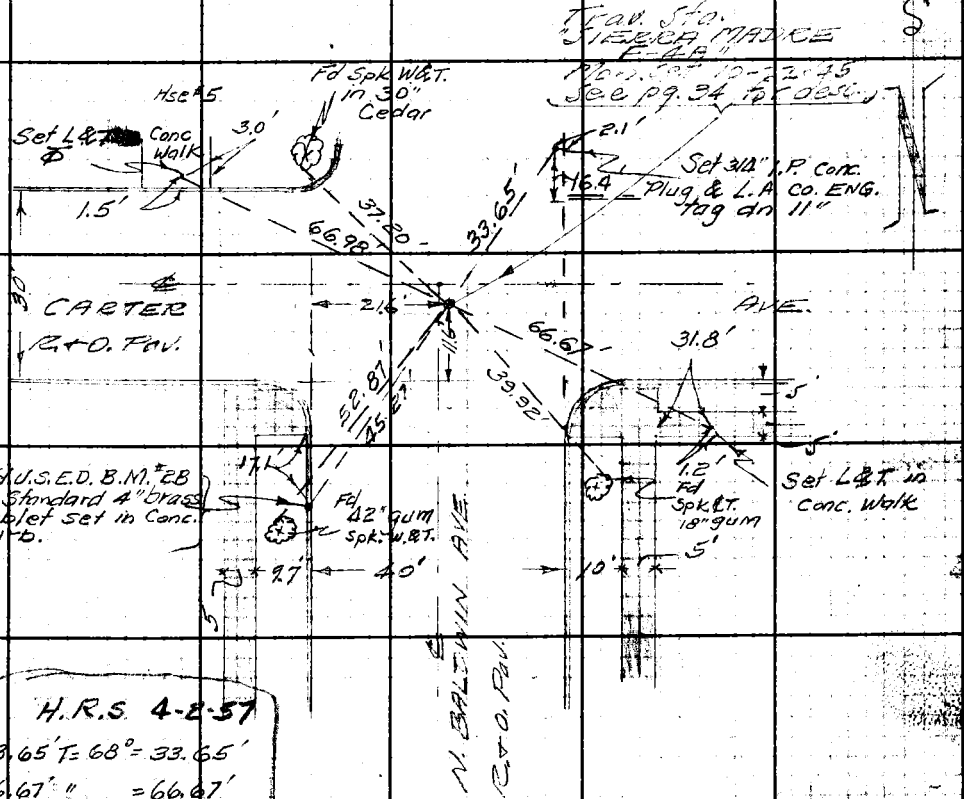
Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of [illegible]	F.B. 935 Pg. 33
Map No.	W. O. 4919 Tape No. 0162 Std 68 °F	W.S. #45
Office Work	Surveyed by [illegible]	
Checked	Notes [illegible] Date [illegible]	
Date	Indexed [illegible]	

W.S. 45 B-3

L.A. CO. SURV. CONT. SYS. TRAV. STA.
"SIERRA MADRE F-4A"



H.R.S. 4-2-57

33.65'	T = 68°	= 33.65'
66.67'	"	= 66.67'
45.27	"	= 45.27'
66.98	"	= 66.98'
52.87	"	= 52.87'
37.20	"	= 37.20'
39.92	"	= 39.92'

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 52-10

F.B. 935 PG. 34

—DESCRIPTION—

L.A. CO. SURV. CONT. SYS. TRAV. STA.
"SIERRA MADRE F-4A"

In L.A. Co., City of Sierra Madre, on N. Baldwin Ave. at Carter Ave., and in a well cut thru the pavement and protected by a cast iron cover marked: "COUNTY SURVEYOR MONUMENT".

Surface Mark: Set a std 4" brass tablet in conc. 3" below subgrade of the street, marked: "L.A. CO. SURV. CONT. SYS. TRAV. STA.", and stamped: "SIERRA MADRE F-4A, 1945" and SET BY "COUNTY SURVEYOR, R.E. 2177".

[illegible] Mark: None.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

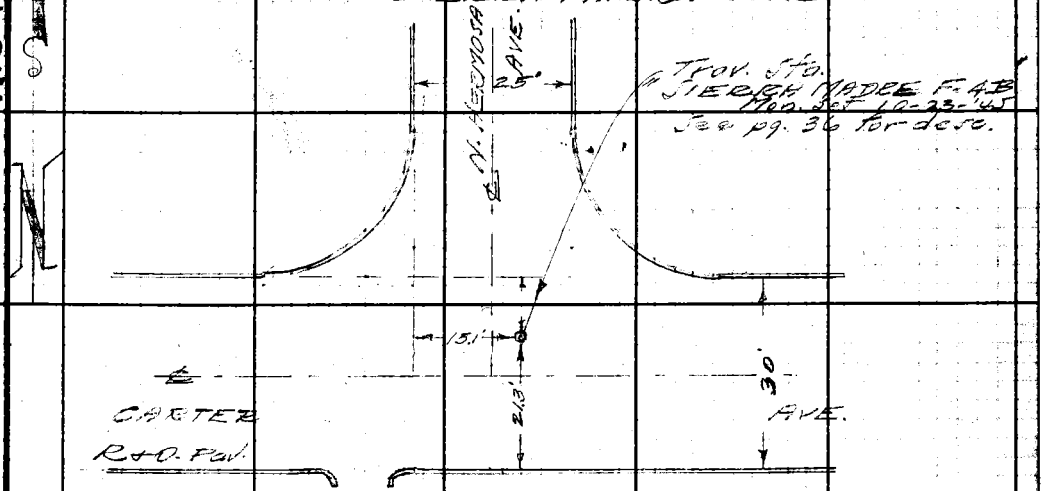
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Good Cart. Surv. Madre	F.B. 935 Pg. 35
Map No.	W. O. 4919 Tape No. Std 68 °F	W.S # 45
Office Work	Surveyed by G.W. Kleineck	
Checked	Notes G.W.K. Date 10-23-45	
Date	Indexed A. C. Johnson	

W.S. 45 B-3

L.A.CO. SURV. CONT. SYS. TRAV. STA.

"SIERRA MADRA F-4B"



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 12-40

F.B. 935 PG. 36

~DESCRIPTION~

L.A. CO. SURV. CONT. SYS. TRAV. STA. – "SIERRA MADRE F-4.B"

In L.A. Co., City of Sierra Madre, on Carter Ave. at N. Hermosa Ave., and in a well cut thru the pavement and protected by a cast iron cover marked "COUNTY SURVEYOR MONUMENT".

Surface Mark:- Set a std 4" brass tablet in conc. 3" below subgrade of the street, marked: "L.A. Co. SURV. CONT. SYS. TRAV. STA.", and stamped: "SIERRA MADRE F-4B, 1945", and set by "COUNTY SURVEYOR, R.E. 2177".

Subsurface Mark:- None.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of [illegible]
Map No.	W. O. 4919 Tape No. 60 Std 68 °F
Office Work	Surveyed by G.W. Kleineck
Checked	Notes G.W.K. Date 10-17-48
Date	Indexed A. C. Johnson

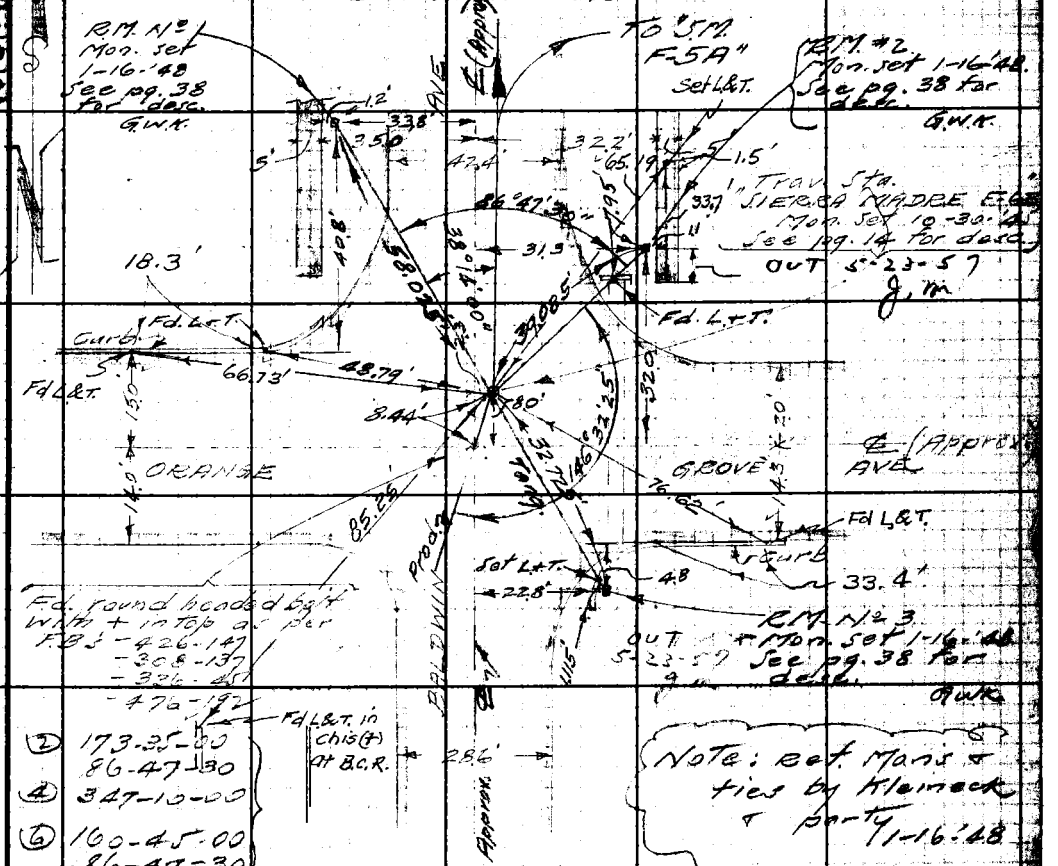
F.B. 935 Pg. 37

W S #45

W.S. 45-B-4

L.A. CO. SURV. CONT. TRAV. STA. ✓

SIERRA MADRE F-6B"



Note: Ref. Mons & ties by Kleineck & party 1-16-'48

(2)	173-35-00	86-47-30
(4)	347-10-00	
(6)	160-45-00	86-47-30

(2)	293-04-30	146-32-15
(4)	226-09-30	
(6)	159-14-30	146-32-25

(2)	76-28-00	38-14-00
(4)	152-56-00	
(6)	229-23-45	38-~~13-57½~~ 14-00

58.02' @ 76° = 58.025'
39.085' @ " = Same
7.95' @ " = "
32.725' @ " = "
1.115 @ " = "
8.44 @ " = "
48.79' @ " = "
76.62' @ 72° = Same
65.19' @ " = "
66.73' @ " = "
85.25' @ " = "

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 12-40

F.B. 935 PG. 38

— DESCRIPTION —

L.A. CO. SURV. CONT. SYS. TRAV. STA.
"SIERRA MADRE F-6B"

In L.A. Co., City of Sierra Madre, at the intersection of Orange Grove and Baldwin Ave's, and in a well cut thru the pavement and protected by a cast iron cover marked: "COUNTY SURVEYOR MONUMENT"

Surface Mark: Set a std 4" brass tablet in conc. 2" below subgrade of the street, marked: "L.A. CO. SURV. CONT. SYS. - TRAV. STA." and stamped: "SIERRA MADRE F-6B, 1945 and SET BY "COUNTY SURVEYOR, R.E. 329"

Subsurface Mark: None.

RM No 1: Set a std 4" brass tablet in conc. 12" below walk grade inscribed "L.A. CO. SURV. CONT. SYS. - REF. MARK, RM No 1 - 1948 and "SET BY COUNTY SURVEYOR R.E. 329"

RM No 2: - Set a 2" I.P. with copper pin in conc core, in conc, 12" below walk grade.

RM No 3: Set a 2" I.P. with copper pin in conc core, in conc, 18" below curb grade.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of [illegible]
Map No.	W. O. 4919 Tape No. Std 68°F
Office Work	Surveyed by G.W. [illegible]
Checked	Notes [illegible] Date
Date	Indexed [illegible]

F.B. 935 PG. 34

L.A. CO. SURV. CONT. [illegible] TRIANG. STA.
"SIERRA MADRE G-4"

Reported destroyed
Found brass cap lying in vicinity - F.C. - 8-27-59
as per Welch - Party Chief

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

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 247 3M 12-40

F.B. 935 PG. 40

~DESCRIPTION~

L.A. CO. SURV. CONT. SYS. TRIANG. STA "SIERRA MADRE G-4"

In L.A. Co. in low foothills north side of the city of Sierra Madre and near to a production of Mountain Trail Ave. and about 0.3 mile distant from Miramonte Ave.

Surface Mark: Set a 2½" brass tablet in conc. 3" above ground surface, marked: "COUNTY SURVEYOR MONUMENT", and stamped: "SIERRA MADRE G-4, 1945 RE 2177".

Subsurface Mark: None.

To reach Sta: Leave Miramonte Ave. at N. Wilson Trail and go north ascending ridge on west side of Sierra Madre Cn over a winding road, 0.45 mile to saddle and graded turn around area at foot of firebreak on ridge running north and then west, walk about 800' to top of knoll and station.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

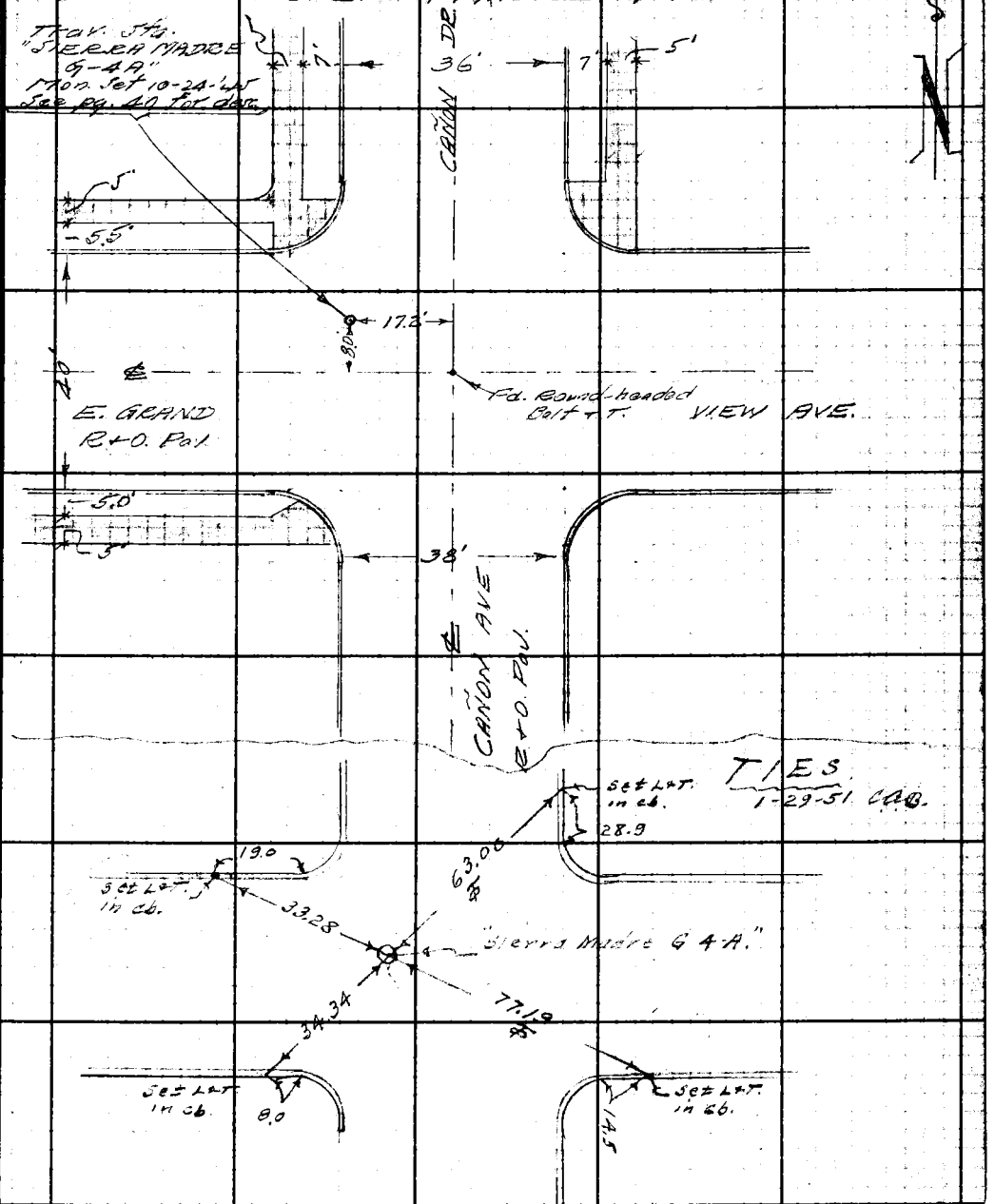
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of [illegible] Madre	F.B. 935 Pg. 41
Map No.	W. O. 4919 Tape No. Std 68°F	W.S. #45
Office Work	Surveyed by G.W. Kleineck	
Checked	Notes G.W.K. Date 10-23-48	
Date	Indexed [illegible]	

W.S. 45-B-3

L.A. CO. SURV. CONT. SYS. TRAV. STA.

"SIERRA MADRE G-4A"



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 12-40

F.B. 935 PG. 42

~ DESCRIPTION ~

L.A. CO. SURV. CONT SYS. TRAV. STA.
"SIERRA MADRE G-49"

In L.A. Co, City of Sierra Madre, on E. Grand View Ave. at Canon Drive, and in a well cut thru the pavement and protected by a cast iron cover marked: "COUNTY SURVEYOR MONUMENT".

Surface Mark:- Set a std 4" brass tablet in conc, 2" below subgrade of the street, marked: "L.A. CO. SURV. CONT. SYS.- TRAV. STA.", and stamped: "SIERRA MADRE G-49, 1945" and set by "COUNTY SURVEYOR, R.E. 2177".

Subsurface Mark: None.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

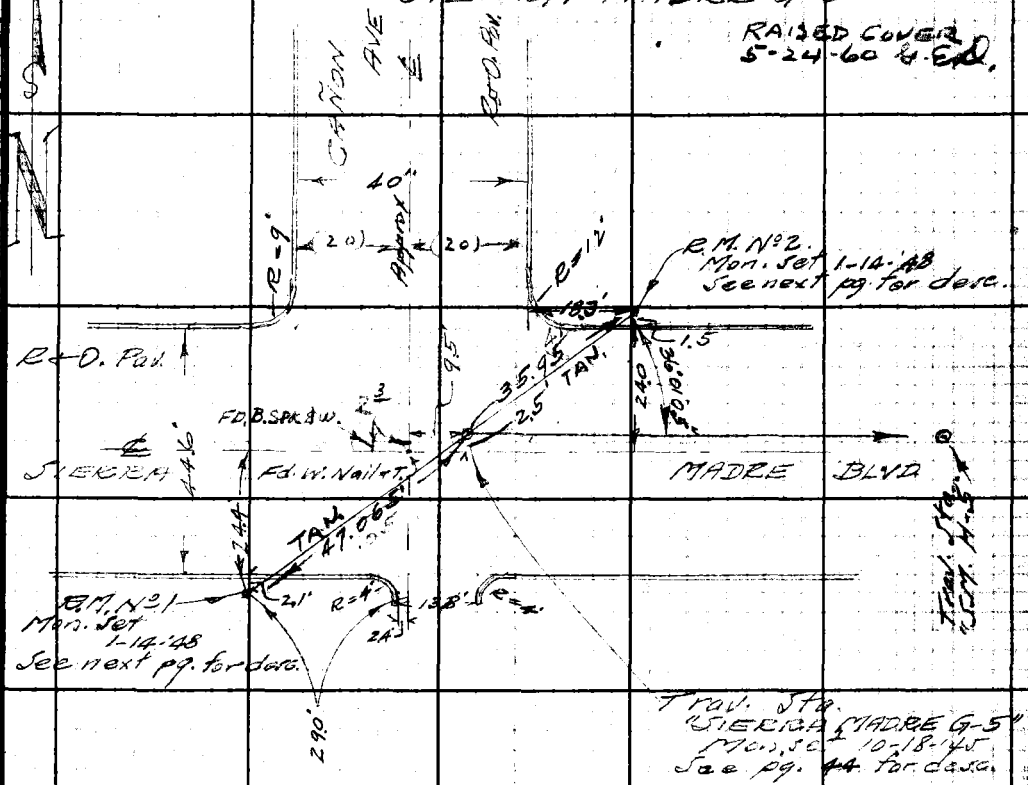
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of [illegible]	F.B. 935 Pg. 43
Map No.	W. O. #919 Tape No. 60 Std 68 °F	W.S. # 45
Office Work	Surveyed by G.W. Kleineck	
Checked	Notes [illegible] Date [illegible]	
Date	Indexed [illegible]	

W.S. 45-B-3

L.A. CO. SURV. CONT. SYS. TRAV. STA.
"SIERRA MADRE G-5"

RAISED COVER
5-24-60 G.E.D.



② 72-02-00
36-01-00
④ 144-04-30
36-01-07½
⑥ 216-06-45
36-01-07½
05

47.065' @ 74° = Same.
35.95' @ " = " .

Note:- Above referencing by Kleineck + party 1-14-'48.

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 12-10

F.B. 935 PG. 44

~ DESCRIPTION ~

L.A. CO. SURV. CONT. TRAV. STA.
SIERRA MADRE G-5"

In L.A. Co, city of Sierra Madre, on Sierra Madre Blvd. at Canon Ave, and in a well cut thru the pavement and protected by a cast iron cover marked: "COUNTY SURVEYOR MONUMENT"

Surface Mark:- Set a std 4" brass tablet in conc. 2" below subgrade of the street, marked: "L.A. CO. SURV. CONT. SYS. TRAV. STA.," and stamped: "SIERRA MADRE G-5, 1945" and SET BY "COUNTY SURVEYOR, R.E. 2177."

[illegible]

R.M. No 1: Set a std 4" brass tablet in conc. 8" below curb grade inscribed:- "L.A. CO. SURV. CONT. SYS.-REF MARK, SIERRA MADRE G-5, R.M. No 1, 1948, and "SET BY COUNTY SURVEYOR, R.E. 329".

R.M. No 2: Set a 2" I.P. with copper pin in conc. core, in conc. 15" below curb grade.

3700
4603
43

3595 @ 74°
47.065 " - RM #1
83.515

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by		Survey of	
Map No.		W. O. 4919 Tape No. 60 Std 65°F	
Office Work		Surveyed by G.W. Kleineck	
Checked		Notes G.W.K. Date 10-17-45	
Date		Indexed	

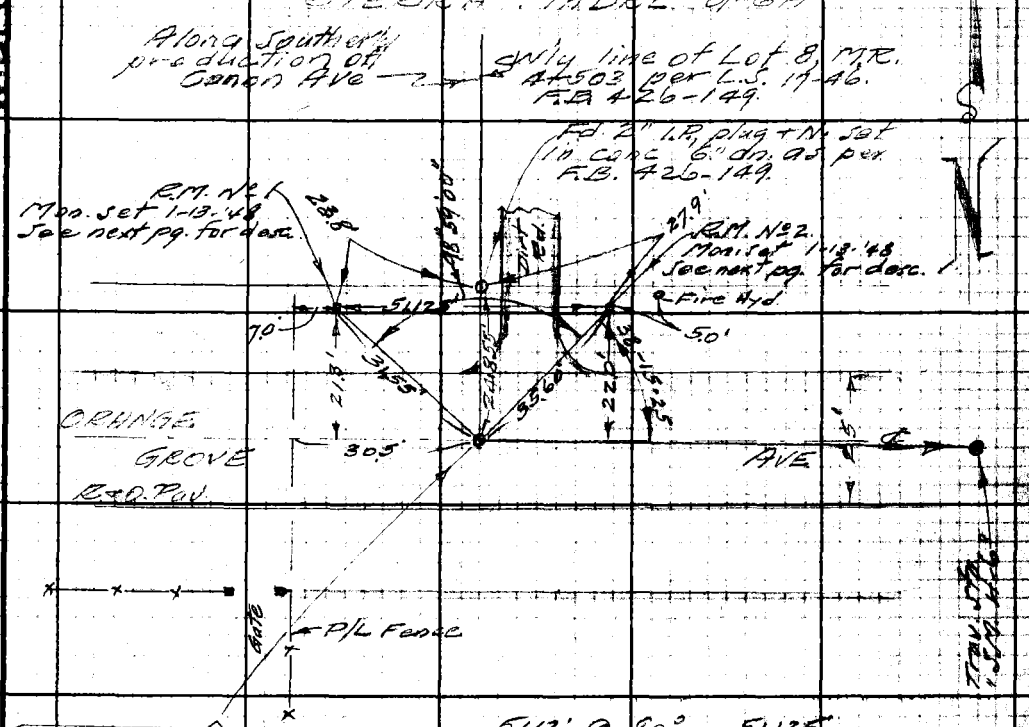
F.B. 935 Pg. 45

W.S. #45

W.S. 45 B-4

L.A. Co. Surv. Cont. Trav. Sta. ✓

"Sierra Madre G-6A"



Fd. 2x2 + P.K. TK. 6" dn. at angle pt. in ℄ as per F.B. 426-149 Replaced with std Trav. mon. "Sierra Madre G-6A" Mon. set 10-17-'45 See pg. 14 for desc.

51.12' @ 80° = 51.125'
35.60' @ " = same.
31.55' @ " = "

Note:- Above referencing by Kleineck & party 1-13-'48

(2) 76-30-45
38-15-22½

(4) 153-01-45
38-15-~~26~~ 25

(2) 197-58-00
98-59-00

(4) 35-56-00
98-59-00

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

Do not extend notes this side of this line.

RETURN TO LOS ANGELES COUNTY SURVEYOR 700 HALL OF RECORDS

FORM 247 5M 12-40

F.B. 735 PG. 46

— DESCRIPTION —

L.A. CO. SURV. CONT. TRAV. STA.
SIERRA MADRE G.6E

In L.A. Co., City of Sierra Madre, on Orange Grove Ave., about 0.5 mile east of Baldwin Ave. and on a southerly production of Cañon Ave. and in a well cut thru the pavement and protected by a cast iron cover marked "COUNTY SURVEYOR MONUMENT".

Surface Marker set a std 3" brass tablet in conc. 2" below sub-grade of the street, marked:- "L.A. CO. SURV. CONT. SYS.- TRAV. STA." and stamped: "SIERRA MADRE G.6E. 1945

R.E. 2177.

Subsurface Mark: None.

R.M. No 1:- Set a 2" I.P. with copper pin in conc. core, in conc. 24" deep.

R.M. No 2:- Set a std 4" brass tablet in conc. 12" deep inscribed "L.A. CO. SUR. CONT. SYS.- REF. MKR, SIERRA MADRE G-6A, 1948, R.M. No 2 and "SET BY COUNTY SURVEYOR, R.E. 329".

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of [illegible]	F.B. 985 Pg. 47
Map No.	W. O. 4919 Tape No. Std 68 °F	
Office Work	Surveyed by [illegible]	
Checked	Notes [illegible] Date	
Date	Indexed [illegible]	

L.A. CO. SUB. CONT. [illegible] STA.
"SIERRA MADRE H-3"

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

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 247 5M 12-60

F.B. 935 Pg. 48

~DESCRIPTION~

L.A. Co. SURV. CONT. SYS. TRIANG. STA.
"SIERRA MADRE H-3"

In L.A. Co., northeasterly portion of the City of Sierra Madre in the low foothills about 0.5 mile north of Grand View Ave. and 0.25 mile east of dam in Sierra Madre Cañon.

Surface Mark: Set a 2½" brass tablet in conc. 2" above ground surface, marked: "COUNTY SURVEYOR MONUMENT and stamped: SIERRA MADRE H-3, 1945 - R.E. 2177."

Subsurface Mark: None

To reach Station: From Grand View and Cañon Ave's go north on Cañon Dr. 350'; turn right and go 0.3 mile to Sturtevant Dr.; jog left onto Woodland Dr. and go 0.35 mile to Yucca Trail on right or Sunnyside Lane on left. Take Yucca Trail to "Nature Friends Club" House 150' distant. Go up stairs along side of bldg. to right and take path leading to good trail ascending nearby east and west ridge. Proceed about 0.2 mile to a point within 300' of a firebreak ridge running north & South. Turn right and cut back a short distance along flat top of ridge to station.

Alternate routes into Cañon by way of Mountain Trail Ave., Alegria Ave. and Sturtevant Drive.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

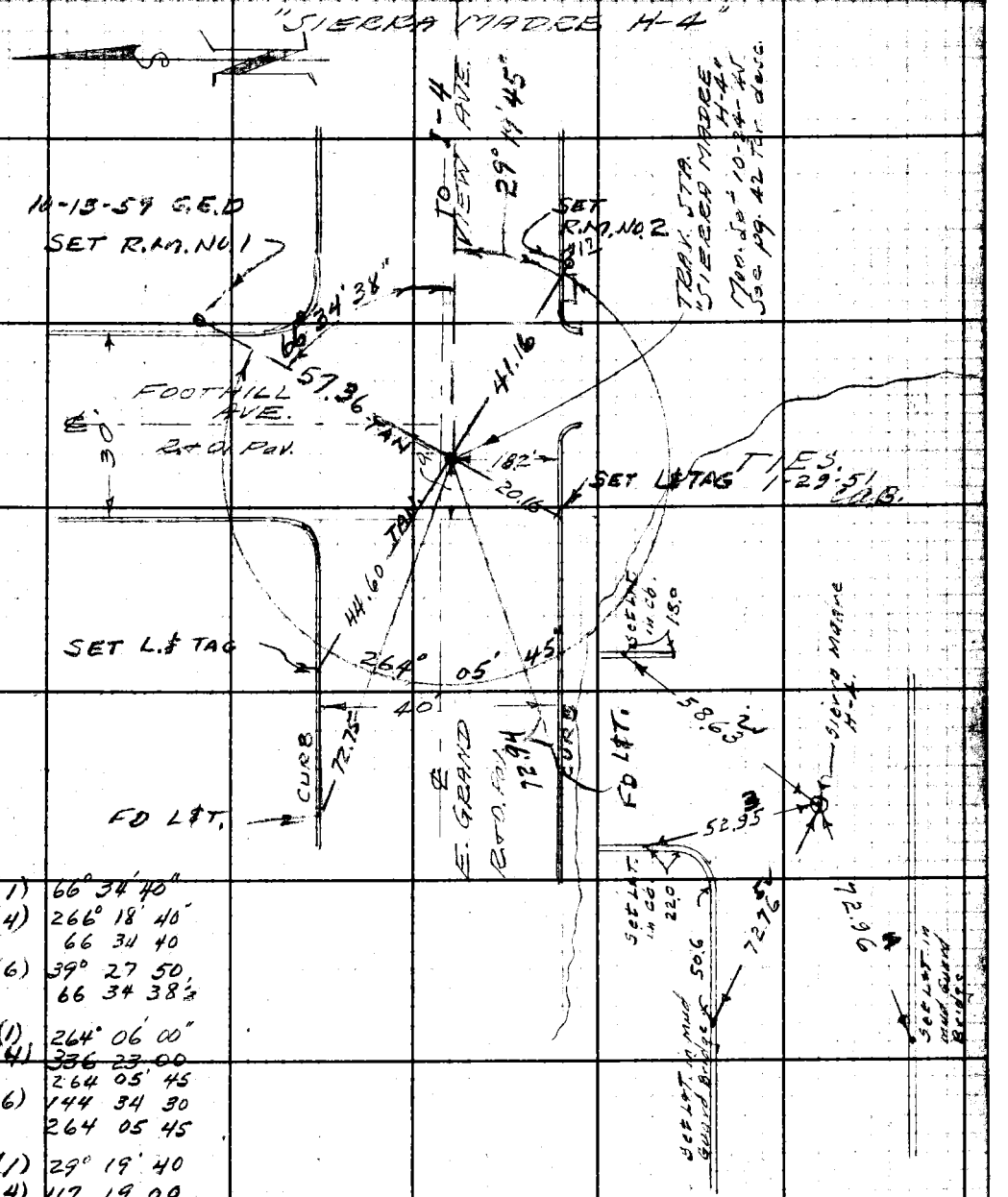
Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Geod. Cont. Sys. Madre	F.B. 935 Pg. 49
Map No.	W. O. 4919 Tape No. Std 68°F	W.S. #45
Office Work	Surveyed by G. W. Kleineck	New Card made
Checked	Notes G.W.K. Date 10-24-45	
Date	Indexed	

W.S. 45-B-3

L.A. CO. SURV. CONT. SYS. TRAV. STA.
"SIERRA MADRE H-4"



(1)	66° 34' 40"
(4)	266° 18' 40"
	66 34 40
(6)	39° 27 50
	66 34 38⅔
(1)	264° 06' 00"
(4)	~~336 23 00~~
	264 05 45
(6)	144 34 30
	264 05 45
(1)	29° 19' 40
(4)	117 19 00
	29 19 45
(6)	175 58 40
	29 19 46⅔

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 12-40

F.B. 935 PG. 50

— DESCRIPTION —

L.A. CO. SURV. CONT. SYS. TRAV. STA.
"SIERRA MADRE H-4"

In L.A. Co., City of Sierra Madre, on E. Grand View Ave. at Foothill Ave., and in a well cut thru the pavement and protected by a cast iron cover marked: "COUNTY SURVEYOR MONUMENT".

Surface Mark:- Set a std. 4" brass tablet in conc. 3" below subgrade of the street, marked:- "L.A. CO. SURV. CONT SYS. - TRAV. STA." and stamped "SIERRA MADRE H-4, 1945" and set by "COUNTY SURVEYOR, R.E. 2177".

Subsurface Mark:- None.

(10-13-59 G.E.D.)

R.M. NO. 1 SET A STD BRASS CAP REFERENCE MON. STAMPED "SIERRA MADRE H-4 R.M. NO 1 1959 L.A. CO. ENGR. R.E. 5869" 9 INCHES BELOW TOP OF CURB 1.5 FT BACK OF CURB (CURB CHISELED "R.M. ↑ 1⁸")

11-13-59

R.M. NO 2 SET A STD. BRASS CAP REFERENCE MON. STAMPED SIERRA MADRE H-4 R.M. NO 2 1959 L.A CO. ENGR. R.E. 5869" 10 INCHES BELOW THE TOP OF CURB 1⁷ FT. BACK OF FACE OF CURB (CURB CHISELED "R.M ↑ 1⁷")

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of [illegible]
Map No.	W. O. 4014 Tape No. 60 Std 64 °F
Office Work	Surveyed by G.W. Hemeck
Checked	Notes [illegible] Date [illegible]
Date	Indexed [illegible]

F.B. [illegible] Pg. 51

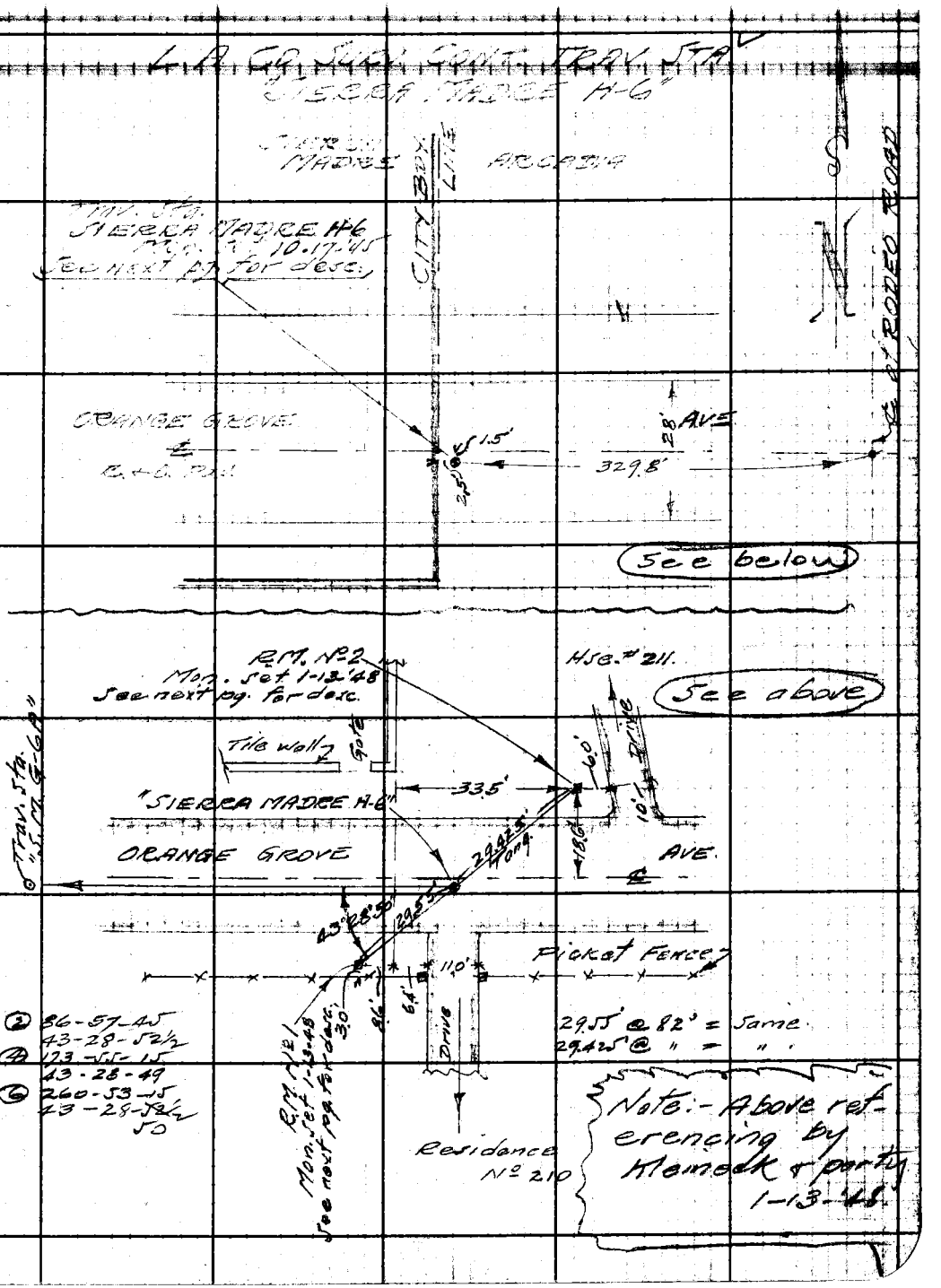
W.S. #45

W.S. 45 B. 4

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS



FORM 247 5M 12-60

F.B. 935 PG. 52

~DESCRIPTION~

L.A. CO. SURV. CONT. TRAV. STA.
"SIERRA MADRE H-6"

In L.A. Co., on Orange Grove Ave. near the east boundary of the City of Sierra Madre and in a well cut thru. the pavement and protected by a cast iron cover marked: "COUNTY SURVEYOR MONUMENT."

Surface Mark:- Set a std 4" brass tablet in conc. 2" below subgrade of the street, marked: "L.A. CO. SURV. CONT. SYS. - TRAV. STA.", and stamped: "SIERRA MADRE H-6, 1945", and "SET BY COUNTY SURVEYOR, R.E. 2177."

Subsurface Mark: None.

R.M. No 1: Set a 2" I.P. with copper pin in conc. core, in conc., 12" deep

R.M. No 2:- Set a std 4" brass tablet in conc. 15" deep, inscribed "L.A. CO. SURV. CONT. SYS. - REF. MARK, SIERRA MADRE H-6, 1948" and "SET BY COUNTY SURVEYOR, R.E. 329."

R.M. No 2

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

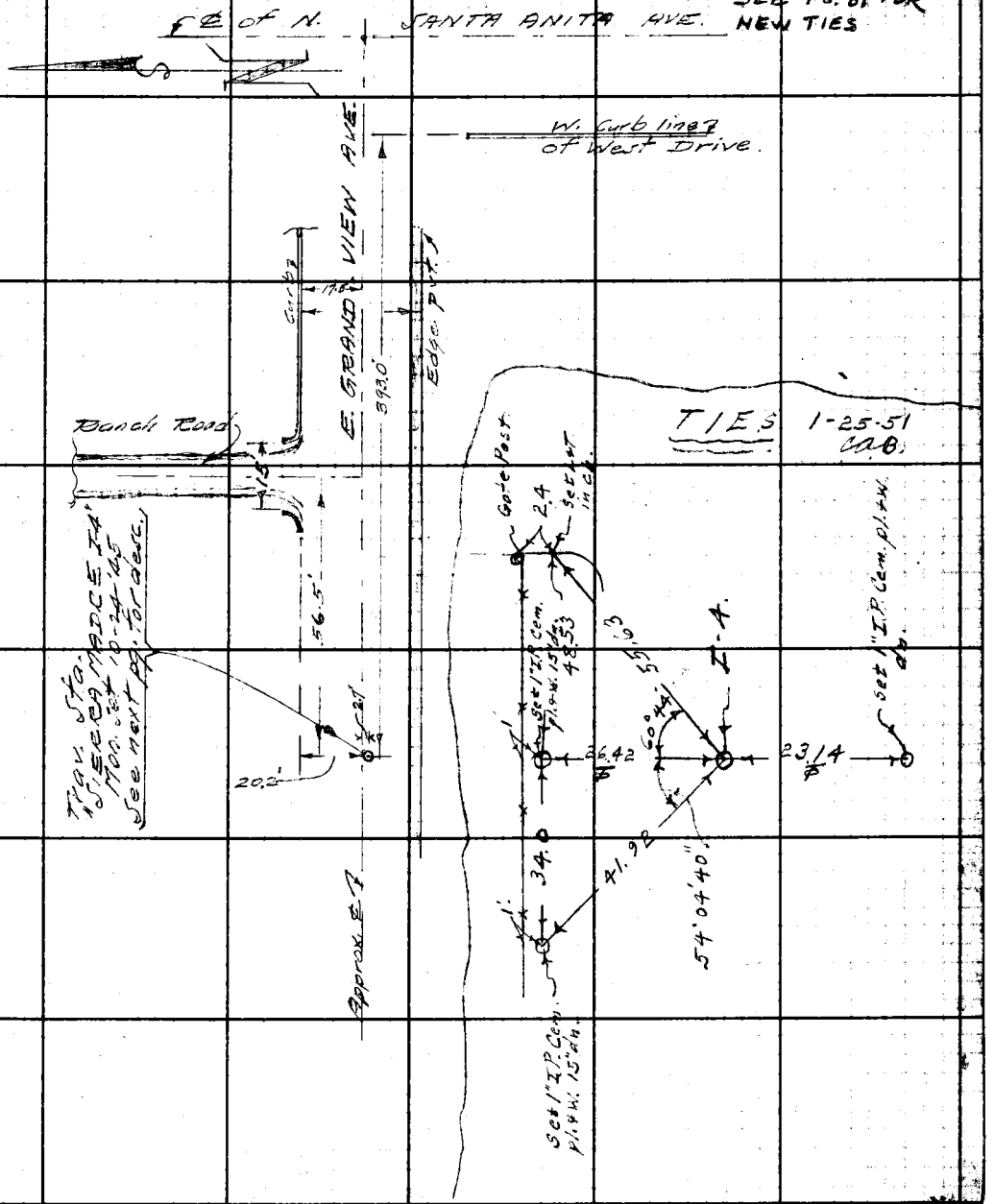
Notes Ck'd by		Survey of [illegible]	F.B. 935 Pg. 53
Map No.		W. O. 4919 Tape No. Std 68 °F	W.S. #45
Office Work		Surveyed by G. W. Meineck	
Checked		Notes G.W.K. Date 10-24-45	
Date		Indexed A. C. Johnson	

W.S. 45 C-3

L.A. CO. SURV. CONT. SYS. TRAV. STA.

"SIERRA MADRE I-4"

SEE PG. 81 FOR NEW TIES



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 12-40

F.B. 935 PG. 54

— DESCRIPTION —

L.A. CO. SURV. CONT. SYS. TRAV. STA.
"SIERRA MADRE I-4"

In L.A. Co., City of Sierra Madre, on E. Grand View Ave., about 400' west of Santa Anita Ave., and in a well cut thru the pavement and protected by a cast iron cover marked: "COUNTY SURVEYOR MONUMENT."

Surface Mark:- Set a std 4" brass tablet in conc. 2" below subgrade of the street, marked: "L.A. CO. SURV. CONT. SYS.-TRAV. STA.", and stamped. "SIERRA MADRE I-4, 1945", and SET BY "COUNTY SURVEYOR, R.E. 2177".

Subsurface Mark: None.

For later field ties:
See Page 81 this book

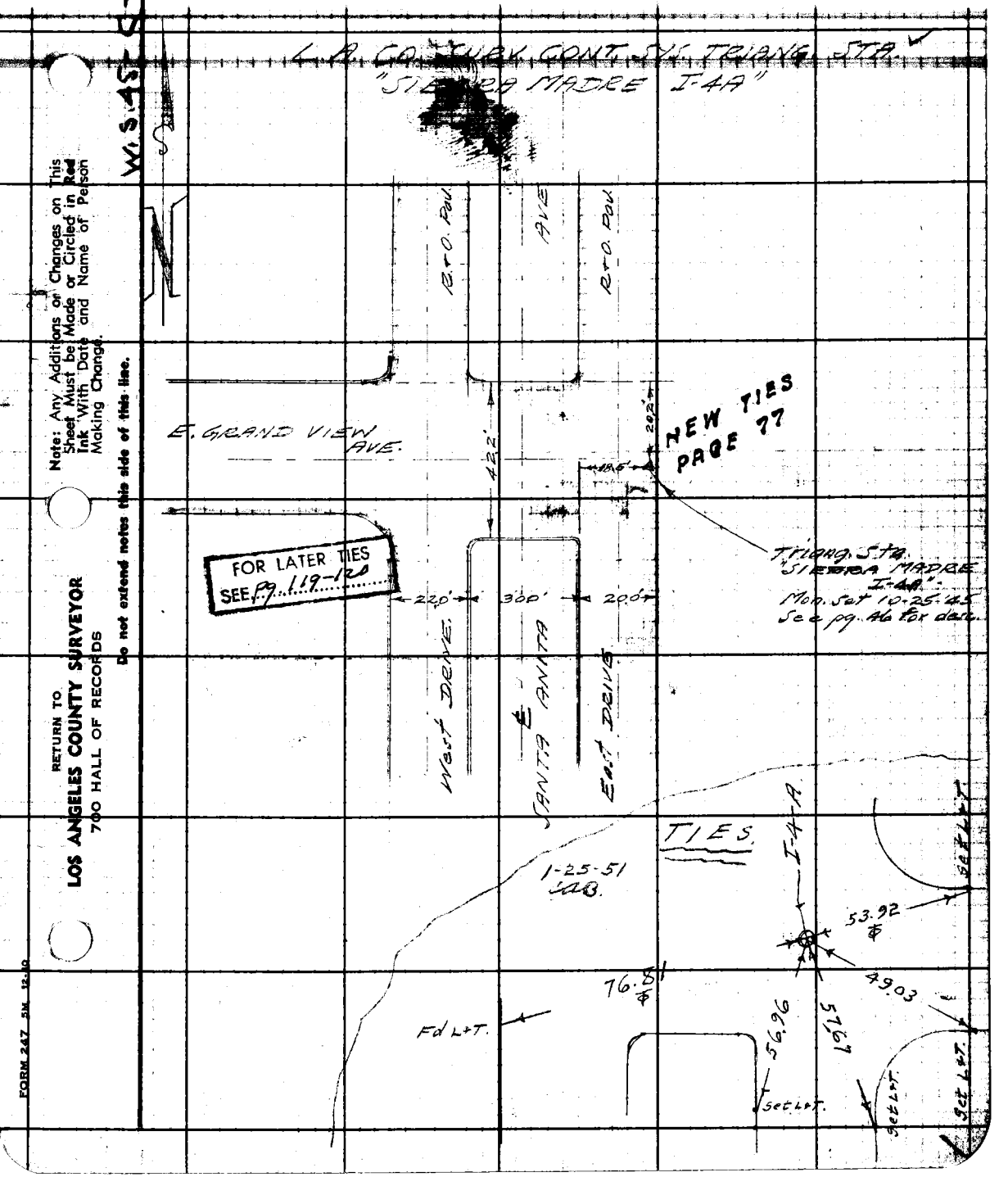
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Geod. Cont. Sierra Madre	F.B. 935 Pg. 55
Map No.	W. O. 4419 Tape No. Std 68°F	W.S. #45
Office Work	Surveyed by Geo. W. Kleineck	
Checked	Notes G.W.K. Date 10-25-45	
Date	Indexed [illegible]	

W.S. 45-C-3



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 12-40

F.B. 925 Pg. 56

~DESCRIPTION~

L.A. CO. SURV. CONT. SYS. TRIANG. STA.
"SIERRA MADRE I-4A"

In L.A. Co, City of Sierra Madre at the intersection of N. Santa Anita and E. Grand View Aves., and in a well cut thru the pavement and protected by a cast iron cover marked: "COUNTY SURVEYOR MONUMENT".

Surface Mark:- Set a std 4" brass tablet in conc. 3" below subgrade of the street, marked: "L.A. CO. SURV. CONT. SYS.-TRIANG. STA.", and stamped: "SIERRA MADRE I-4A, 1945", and SET BY "COUNTY SURVEYOR, R.E. 2177".

Subsurface Mark: None.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

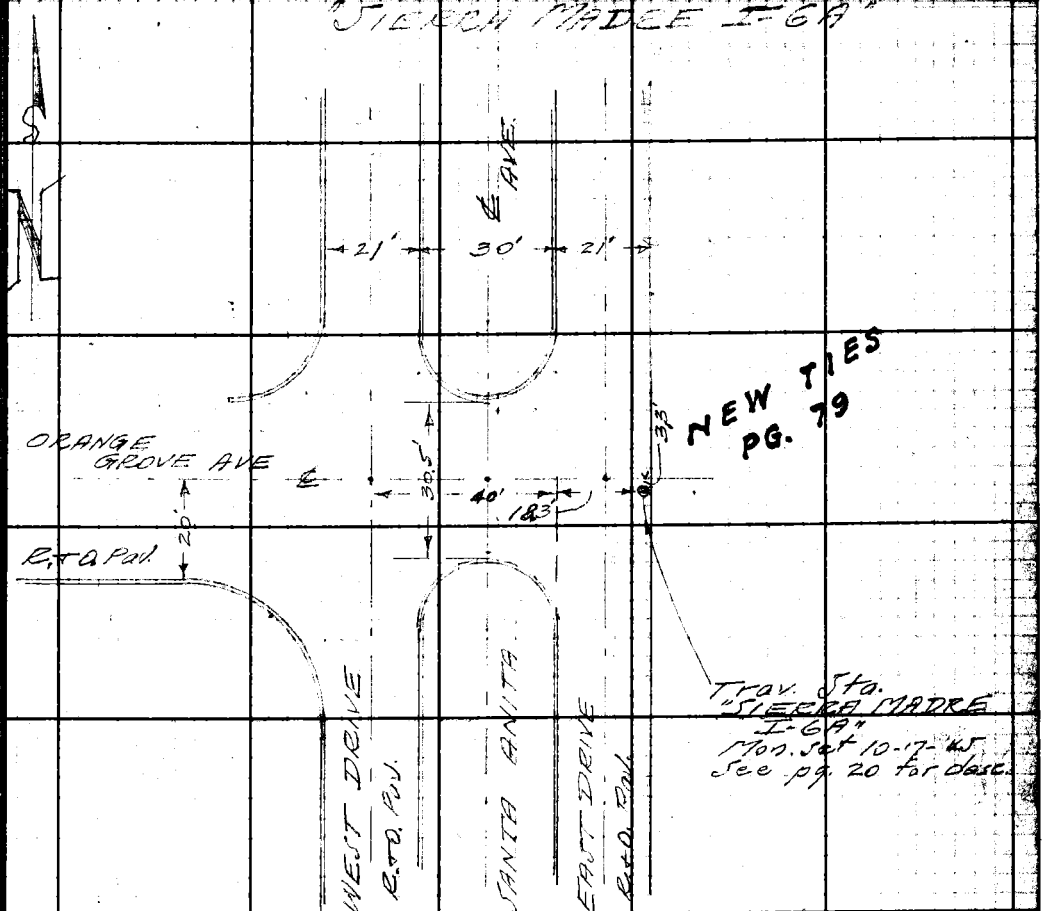
Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Geod. Cont. - Sierra Madre	F.B. [illegible] Pg. 57
Map No.	W. O. [illegible] Tape No. Std. [illegible] °F	
Office Work	Surveyed by G. W. Kleineck	
Checked	Notes [illegible] Date [illegible]	
Date	Indexed [illegible]	

W.S. 48-K-4

L.A. Co. Surv. Cont. Trav. Sta.
"Sierra Madre I-6A"



NEW TIES PG. 79

See pg 79 for New ties
HRS
2/24/59

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 347 [illegible]

F.B. 935 PG. 58

~DESCRIPTION~

L.A. CO. SURV. CONT. TRAV. STA.
"SIERRA MADRE I-6A"

In L.A. Co., City of Arcadia at the intersection of Orange Grove Ave. with N. Santa Anita Ave., and in a well cut thru the pavement and protected by a cast iron cover marked: "COUNTY SURVEYOR MONUMENT."

Surface Mark:- Set a std. 4" brass tablet in conc. 4" below subgrade of the street, marked: "L.A. CO. SURV. CONT. SYS. TRAV. STA." and stamped: "SIERRA MADRE I-6A" 1945 and set by "COUNTY SURVEYOR, R.E. 2177."

Subsurface Mark: None.

See pg 79 for new R.M's. HRS 2/24/59

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

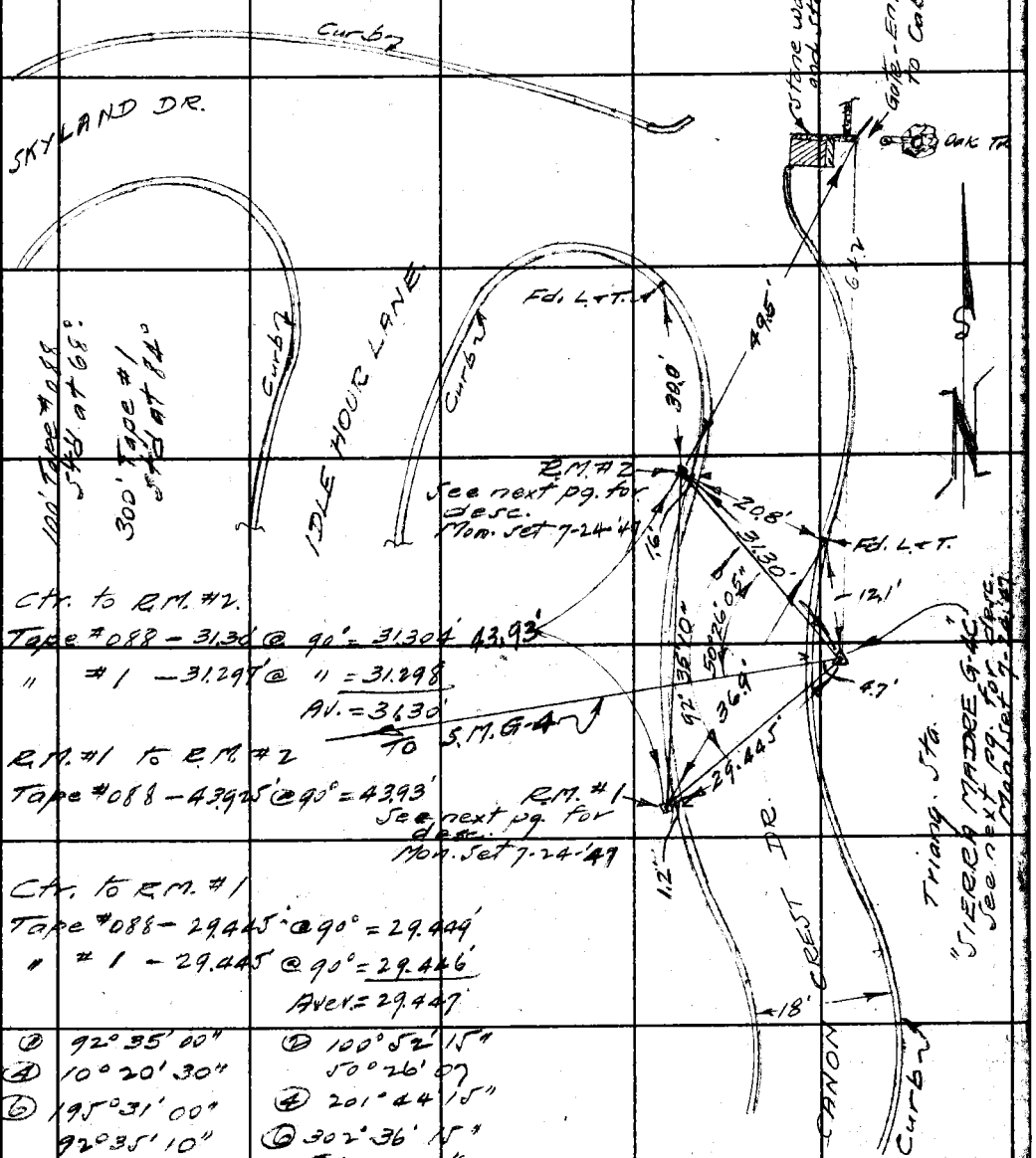
Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Geod. Cont. Sierra Madre
Map No.	W. O. 4919 Tape No. St'd °F
Office Work	Surveyed by G. W. Klemeck
Checked	Notes GWK Date 7-24-47
Date	Indexed A. C. Johnson 8-15-47

F. B. 935 PG. 59

L.A. CO. SURV. CONT. SYS. TRIANG. STA.
"SIERRA MADRE G-4C"



Ctr. to R.M. #2.
Tape #088 - 31.30' @ 90° = 31.304' 43.93'
" #1 - 31.297' @ " = 31.298
AV. = 31.30'
To S.M. G-4

R.M. #1 to R.M. #2
Tape #088 - 43.925' @ 90° = 43.93'

Ctr. to R.M. #1
Tape #088 - 29.445' @ 90° = 29.449'
" #1 - 29.445' @ 90° = 29.446'
Aver. = 29.447'

① 92° 35' 00"	② 100° 52' 15"
④ 10° 20' 30"	50° 26' 07
⑥ 195° 31' 00"	④ 201° 44' 15"
92° 35' 10"	⑥ 302° 36' 15"
	50° 26' 05½

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 11-46

F. B. 935 PG. 60

~DESCRIPTION~

In L.A. Co, City of Sierra Madre, on the West side of "Little Santa Anita Cñ about 800' S. of dam and near the junction of "CANON CREST DR.", "IDLE HOUR LANE" & SKYLAND DR.

Surface Mark:- Set a std 4" br. tablet in concrete flush with ground surface, marked: "L.A. CO SURV. CONT. SYS.-TRI-ANG. STA." and stamped: "SIERRA MADRE G-4C, R.E. 2177" and set by "COUNTY SURVEYOR, 1947".

Subsurface Mark:- None.

Cm's No 1 & 2.

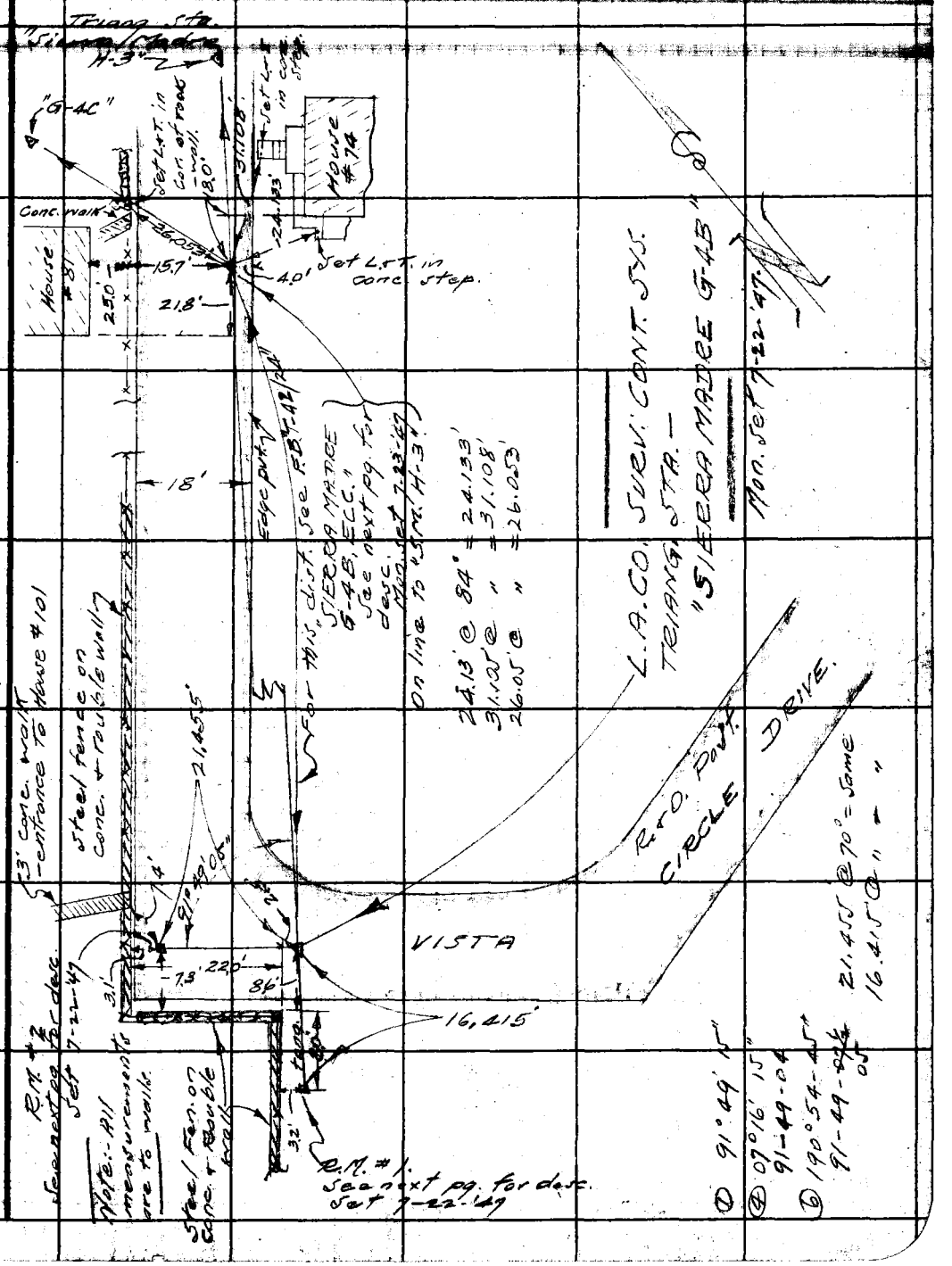
Set copper pin in conc. core of 2" I.P., set in conc., about 8" below curb grade

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Geod. Cont. - Sierra Madre	F. B. 935 Pg. 61
Map No.	W. O. 4919 Tape No. 088 St'd 68 °F	SIERRA MADRE
Office Work	Surveyed by G.W. Kleinrock	G4B-ECC.
Checked	Notes GWK Date 7-22-'47	
Date	Indexed A. C. Johnson	



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 BM 11-46

F. B. 935 PG. 62

— DESCRIPTION —

In L.A. Co. in the "Little Santa Anita Cn" district in the north central part of the City of Sierra Madre, and in a well cut thru the pavement and protected by a cast iron cover marked: "COUNTY SURVEYOR MONUMENT." in the southerly loop of "Vista Circle Drive."

Surface Mark:- Set a standard 4" brass tablet in concrete 2" below sub-grade of the street, marked:- "L.A. COUNTY SURVEY CONTROL SYSTEM - TRIANGULATION STATION", and stamped:- "SIERRA MADRE G-4B, R.E. 2177" and set by "COUNTY SURVEYOR, 1947."

Subsurface Mark:- None.

R.M. Nos 1 & 2. Set copper pin in concrete core of 2" I.P. set in concrete, R.M. No 1, 12" below ground surface and R.M. No 2, 10" below surface of pavement.

"SIERRA MADRE G-4B, ECC."

Set a std 4" br. tablet 2" below subgrade of street in a well with a cast iron cover marked: "COUNTY SURVEYOR MONUMENT; tablet marked: "L.A. CO. SURV. CONT. SYS.- TRIANG. STA." and stamped: "SIERRA MADRE G-4B; ECC. No 1, R.E. 2177" and set by:- "COUNTY SURVEYOR, 1947." (Note:- This mon. set on line to "S.M. H-3")

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Geod. Cont. Sierra Madre
Map No.	W. O. 4919 Tape No. St'd °F
Office Work	Surveyed by G.W. Kleineck
Checked	Notes G.W.K. Date 7-24-'47
Date	Indexed C. Johnson

F. B. 935 PG. 63

L.A. CO. SURV. CONT. SYS. TRIANG. STA.
"SIERRA MADRE H-4A"

No sketch drawn. See next pg. for desc.

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 11-46

F. B. 935 PG. 64

— DESCRIPTION —

L.A. CO. SURV. CONT. SYS. TRIANG.

STA. "SIERRA MADRE H-4A".

In L.A. Co., in the Northeasterly portion of the City of Sierra Madre, in the foothills on the east side of the Little Santa Anita Cn.

To reach go east about 200' from the intersection of Oakdale Drive with Alta Vista Drive to top of spur ridge running Northeastwardly. Ascend about 400' in distance and 250' in elevation to a point and the station a short distance from the top of the main east + west ridge.

Station Mark: Set a precast C.S. mon. in concrete 2" above surface of a benched out site, the 2½" brass tablet marked: "COUNTY SURVEYOR" and stamped: "SIERRA MADRE H-4A, RE. 2177 - 1947".

Subsurface Mark:- None.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 8301.00 Tape No. 0119 St'd. 68 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes W. D. B. Date 8-29-56
Date	Indexed 8-31-56

F. B. 935 / 1 PG. 65

SIERRA MADRE B-5

L. A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

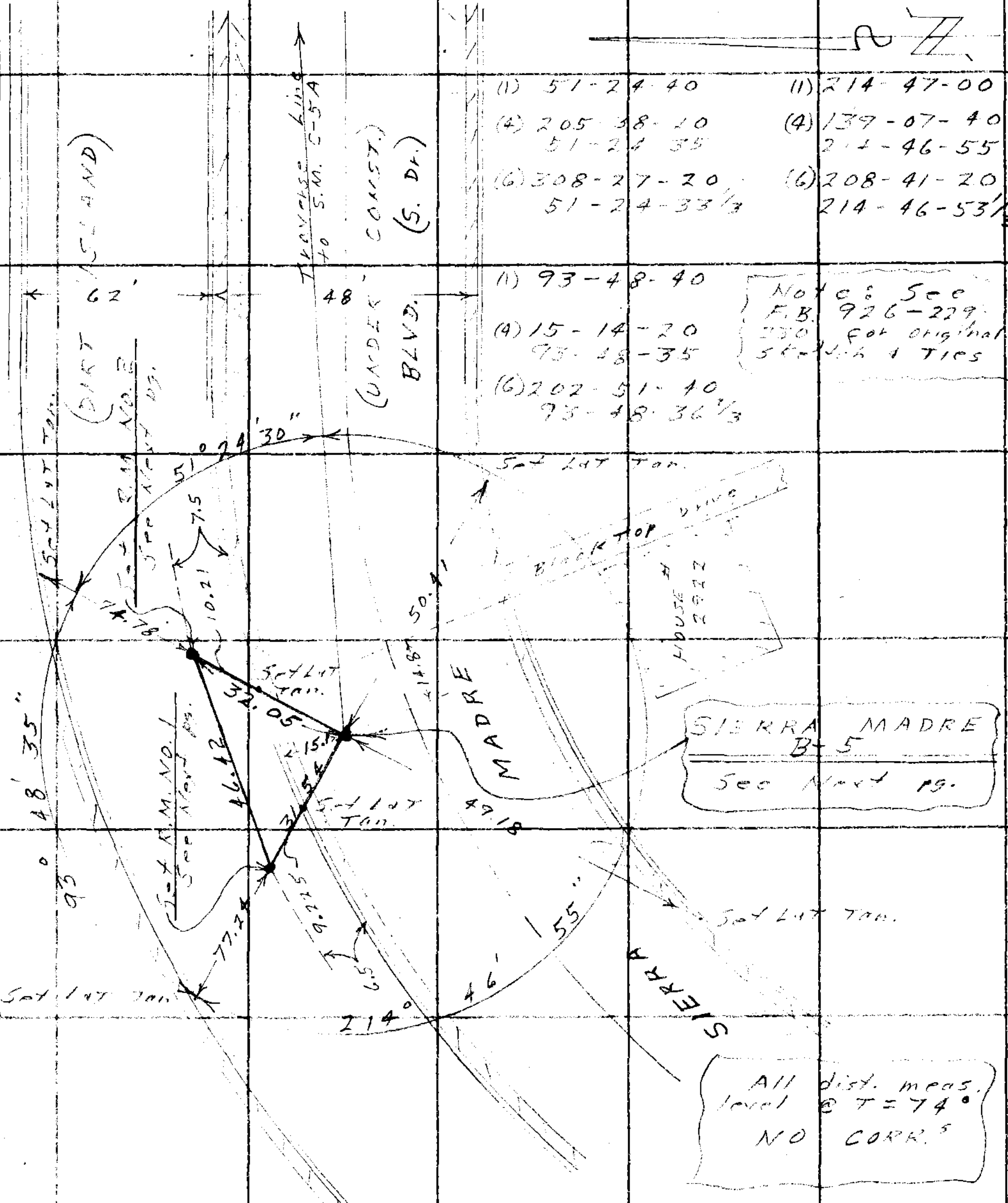
SIERRA MADRE B-5

(1) 51-24-40
(4) 205-38-10
51-24-35
(6) 308-27-20
51-24-33 1/3

(1) 214-47-00
(4) 139-07-40
214-46-55
(6) 208-41-20
214-46-53 1/3

(1) 93-48-40
(4) 15-14-20
93-48-35
(6) 202-51-40
93-48-36 2/3

Note: See F.B. 926-229, 230 for original sketch & Ties



All dist. meas. level @ T = 74° NO CORR.S

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

Do not extend notes this side of this line.

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

76F309S S&E #247. 8-54

F.B. 935 PG. 66

~ DESCRIPTIONS ~

SIERRA MADRE B-5

This station is in LOS ANGELES COUNTY, in the CITY OF PASADENA, on the South Drive of SIERRA MADRE BLVD., 345'± W. of EATON DR. +15.1' S. of the S. c/b. of the center island of SIERRA MADRE BLVD., in a well set thru the pavement and protected by a cast iron cover marked "COUNTY SURVEYOR MONUMENT".

STATION MARK: Set a std. 4" brass TRAV. STA. cap in conc. dn 10" below street grade and stamped "SIERRA MADRE B-5, 1940, COUNTY SURVEYOR, R.E. 2177."

REFERENCE MARK NO. 1: Set a std. 3" Brass R.M. cap in a 2" iron pipe in conc. dn. 16" below curb grade and stamped "SIERRA MADRE B-5, R.M. NO. 1, 1956, CO. ENGR., R.E. 5862."

REFERENCE MARK NO 2: Set same as NO. 1 except dn. 19" and stamped "R.M. NO. 2."

NOTE: The elev. of R.M. NO. 1 is 0.147 greater than the elev. of the center sta.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
Do not extend notes this side of this line.

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

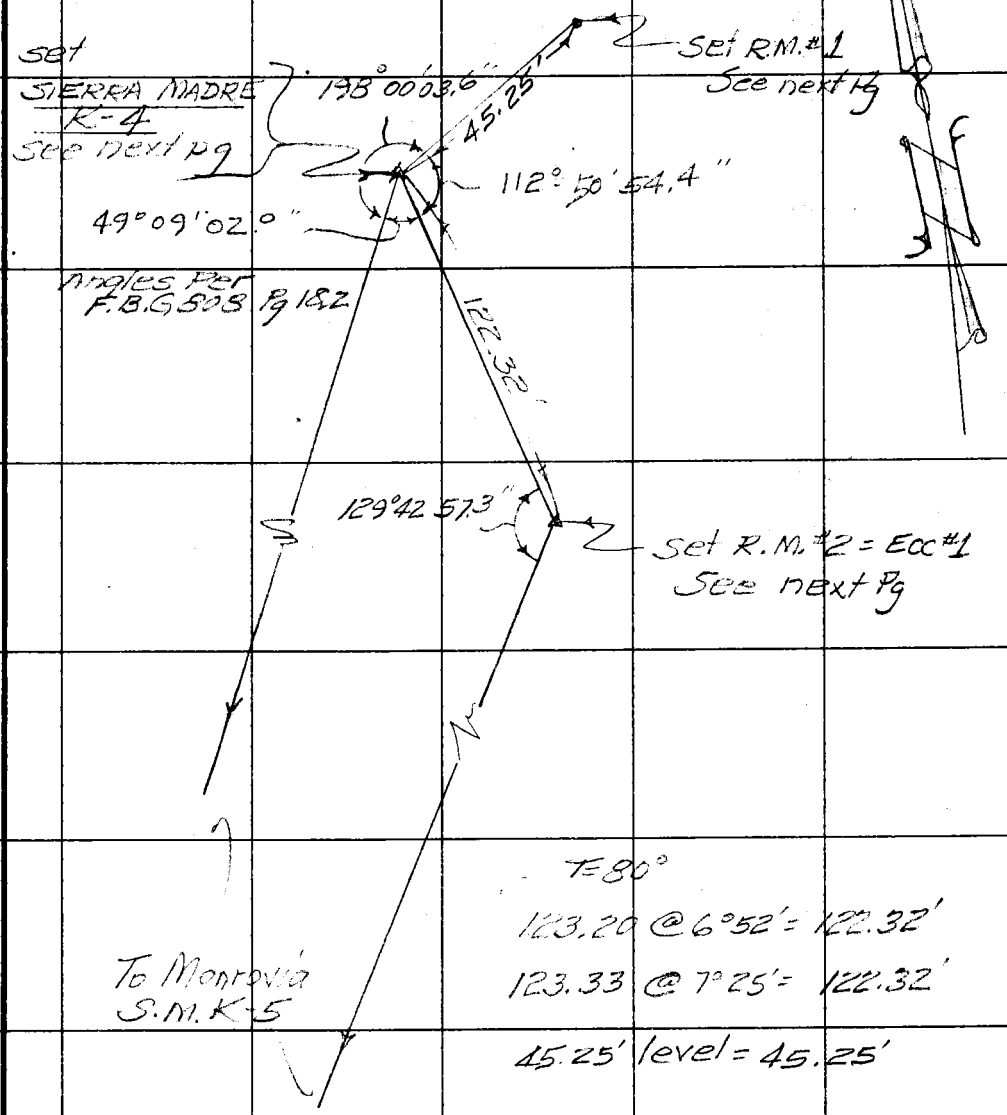
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.33 Tape 142 Std 84 °F
Office Work	Surveyed by [illegible]
Checked	Notes [illegible] Date 8-20-58
Date	Indexed E. C. Johnson 8-22-58

F. B. 935 Pg. 67

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

SIERRA MADRE K-4



T=80°

123.20 @ 6°52' = 122.32'

123.33 @ 7°25' = 122.32'

45.25' level = 45.25'

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

Do not extend notes this side of this line.

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

76F3095 CE #247—3-57

F. B. 935 Pg. 68

DESCRIPTIONS
SIERRA MADRE K-4

This triangulation station is in Los Angeles County, in the city of Monrovia on the ridge forming the South side of Clamshell Canyon, on the west end of the reservoir dike, on summit of Peak about 400'± Nely of the 1/4 cor bet. Sec 14 & 15 T1N R11W.

To reach this station from the intersection of Lotone St. & Cloverleaf Dr. in Monrovia, drive nly on Cloverleaf dr. a dirt roadway 0.2 mi. to fork stay left, 0.5 mi. to fork stay right & climb 0.5 mi to Saddle & U.S.F.S. marker # G/13 double back to left on to firebreak & drive wly along ridge 0.2 mi to wly summit and reservoir. Station is on most wly top of dike.

Station mark: Set a standard 4" brass triangulation mark in conc. up 7" above flush and stamped; "SIERRA MADRE K-4, 1958, R.E. 5869".

Sub Surface mark: None set.

Reference Mark No 1: Set a standard 4" brass ref. mark in conc. flush and stamped; "SIERRA MADRE K-4, R.M. No 1, 1958, R.E. 5869".

Reference Mark No 2 is Ecc #1: Set a standard 4" brass ref mark in Conc. up 8" above flush & stamped "SIERRA MADRE K-4, R.M. No 2, 1958, Set by R.E. 5869".

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

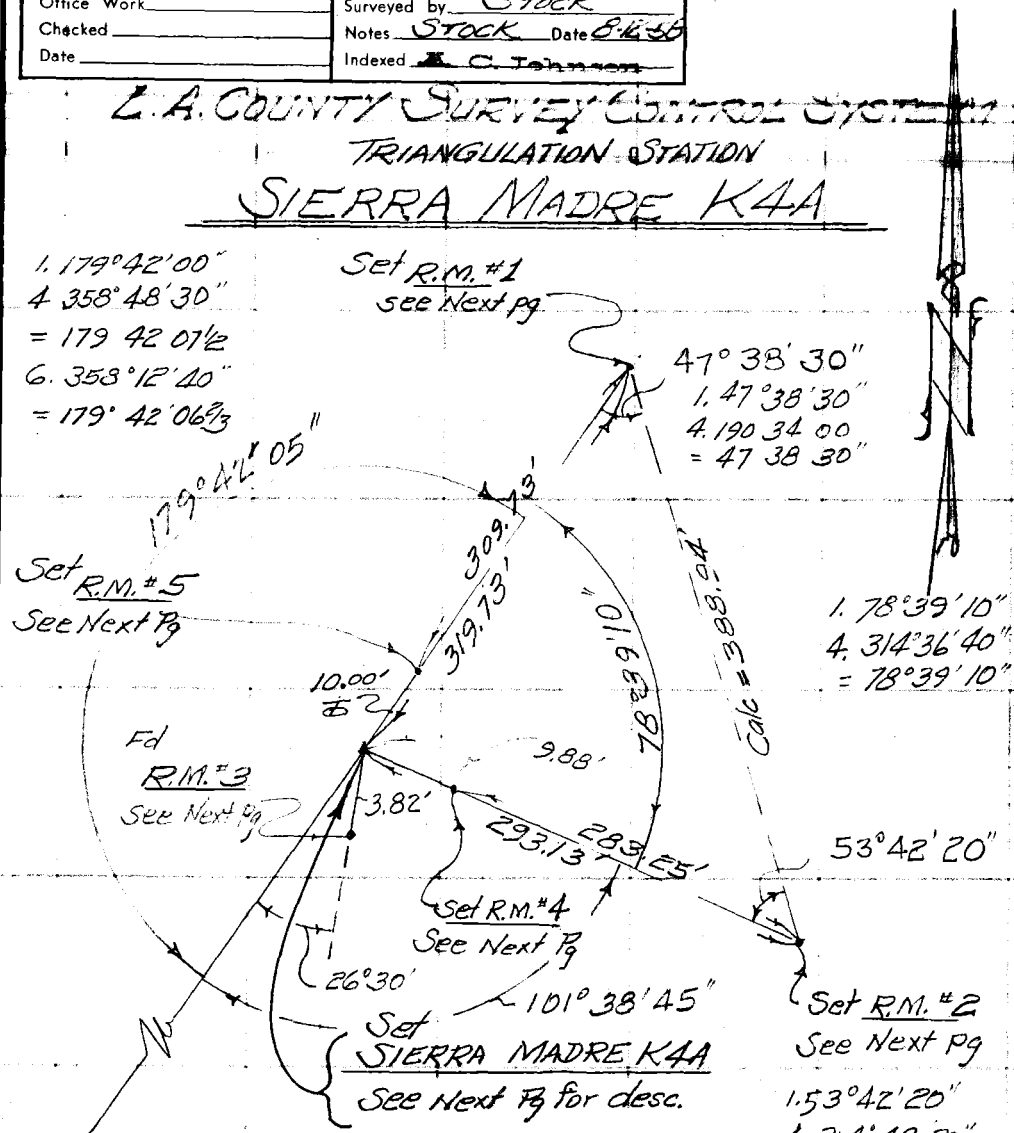
Notes Ck'd by	Survey of Geodetic Control
Map No.	JN 0301.00 Tape 142 Std 84 °F
Office Work	Surveyed by Stock
Checked	Notes Stock Date 8-6-56
Date	Indexed ~~K. C. Johnson~~

F. B. 935 PG. 69

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

SIERRA MADRE K4A



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

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

Do not extend this side of this line.

76F309S S&E #247 1-56

F. B. 995 Pg. 70

DESCRIPTIONS

This triangulation Station is in los Angeles County, in the city of monrovia, on the summit of the peak about 600'± S'ly of the approx. center of section 14, T1N, R11W & approx 100' N.W'ly of large corr. iron water tank, 10'± east of U.S. Forest Service marker # G/14.

To reach this Station from the intersection of Lotone St & Cloverleaf Dr. in Monrovia drive northly on Cloverleaf 0.2 mi to fork stay left, 0.5 mi to fork stay right & climb 0.5 mi. to saddle & U.S.F.S. marker #G/13 Continue ely 0.25 mi. to fork & steel gate on left, continue thru gate 1.0 mi. to lone power pole on right of road then 60'± more to a saddle turn back up fire break 600'± to Sly summit and Station site.

Station Mark: Set standard 4" brass triangulation mark in conc. 6" above flush & lettered "SIERRA MADRE K-4A, 1958, R.E. 5869."

Sub Surface mark: none set

Reference marks No1 & No2: Set standard 4" brass ref. marks in conc up 7" above flush & lettered "SIERRA MADRE K-4A, 1958, R.M.1 & R.M.2 respectively also set by L.A.CO.ENG. R.E. 5869."

Reference mark No 3: Fd a 2" I.P. & galvanized iron cap up 10" above flush & marked "L.A.F.C., 1926, B.M. 1567.513, J.W.R".

Reference marks No 4 & No5: Set 3/4" I.P. in concrete, with concrete plug & L.A.CO. ENGR Brass tag & pins for centers, tangent to R.M.1 & R.M.2, and buried 13" deep.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Geodetic Control
Map No.	JN 0301.00 Tape 142 Std 82 °F
Office Work	Surveyed by STOCK
Checked	Notes STOCK Date 8-20-58
Date	Indexed L. C. Johnson

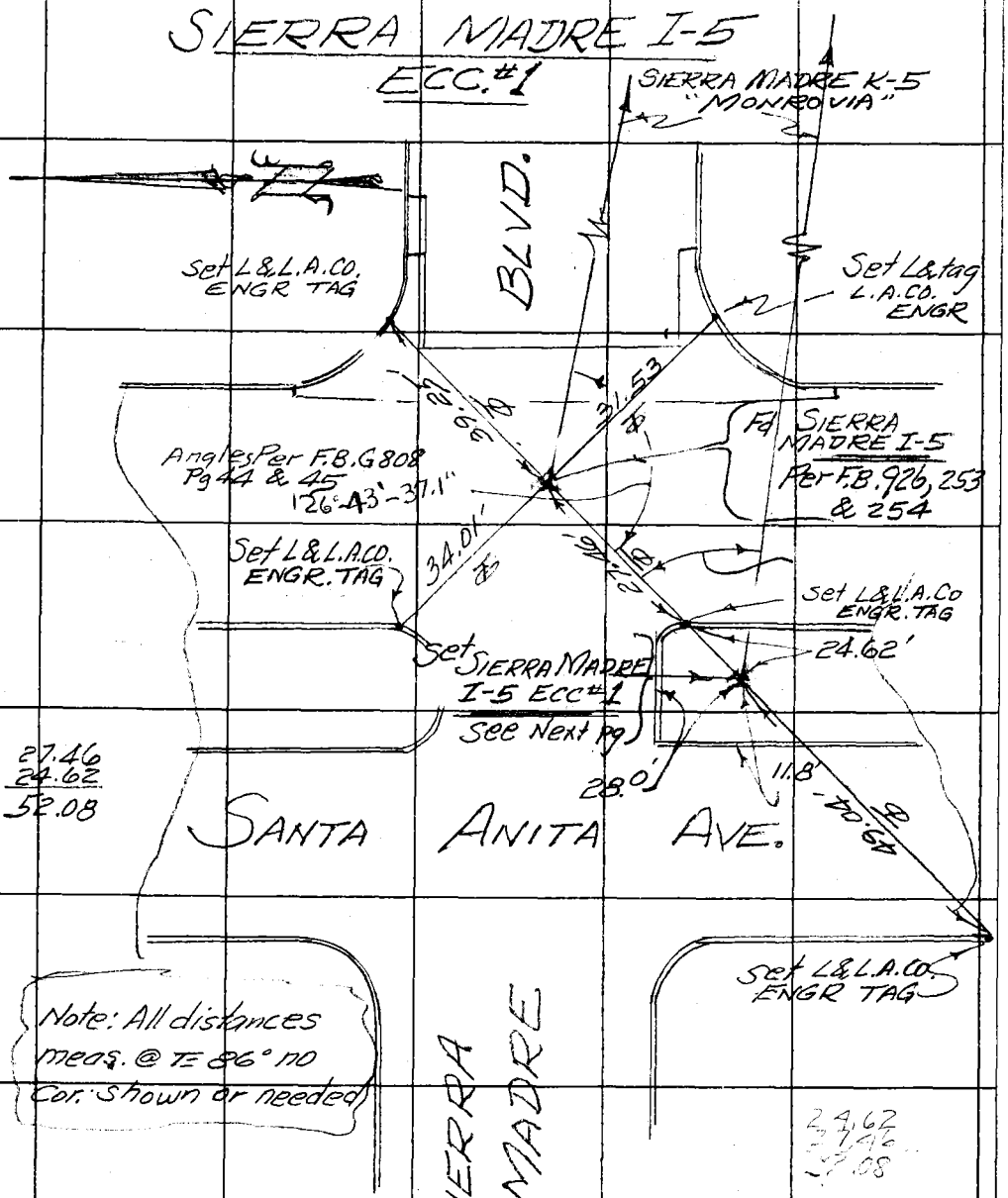
F. B. 935 Pg. 71

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

SIERRA MADRE I-5

ECC. #1



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

Do not extend notes this side of this line.

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

76F309S CE #247—3-57

F. B. 935 PG. 72

DESCRIPTIONS

This Station is in the city of Arcadia at the intersection of Santa Anita Ave & Sierra madre Blvd in the center Strip South of intersection, 28.6 South of Curb at north end of Sly Strip & 11.8' Ely of west curb of center strip, and buried dn 14" below Surface.

Station Mark: Set a Standard 4" brass Ref. mark in Conc. & stamped "SIERRA MADRE I-5, R.M. #1, ECC. #1, 1958, Set by, L.A. CO. ENGR. R.E. 5869."

Sub Surface mark: None.

Reference Marks: None.

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.

765420 353 8-49

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
		DIFFERENTIALS			LUX-BENCHS	VERTICAL ANGLE
K-4A						K-4A Per F.B. 935-69,70
+	4.140		4.951			
π		-0.193	0.191			
—	3.947		3.760			
R.M. #3						
Note: R.M. #3 is a 2" I.P. & Cap up 10" above flush, the Cap is stamped " L.A.F.C., 1926, B.M. 1567.513, J.W.R. "						
						SIERRA MADRE I-5
I-5	652.364				652.364	I-5 ELEV. = 652.364
+	3.482		3.955			
π	655.846	2.136	2.135			
—	5.618		6.090			
I-5 Ecc #1	650.228					

NOTES RED. _____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE _____ SURVEY BY Stock
NOTES CHKD. _____ NOTES BY Stock DATE 8-20-58
DATE _____ INDEXED K. C. Johnson DATE _____

F.B. 935 PG. 73

F. B. 935 PG. 74

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

765420 353 8-49

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

Sketch Completed

Notes Ck'd by	Survey of GEODETIC CONTROL	F. B. 935 Pg. 75
Map No.	JN 0301.00 Tape 142 Std 84 °F	
Office Work	Surveyed by STOCK	
Checked	Notes STOCK Date 10-17-58	
Date	Indexed C. Johnson 11-18-58	

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

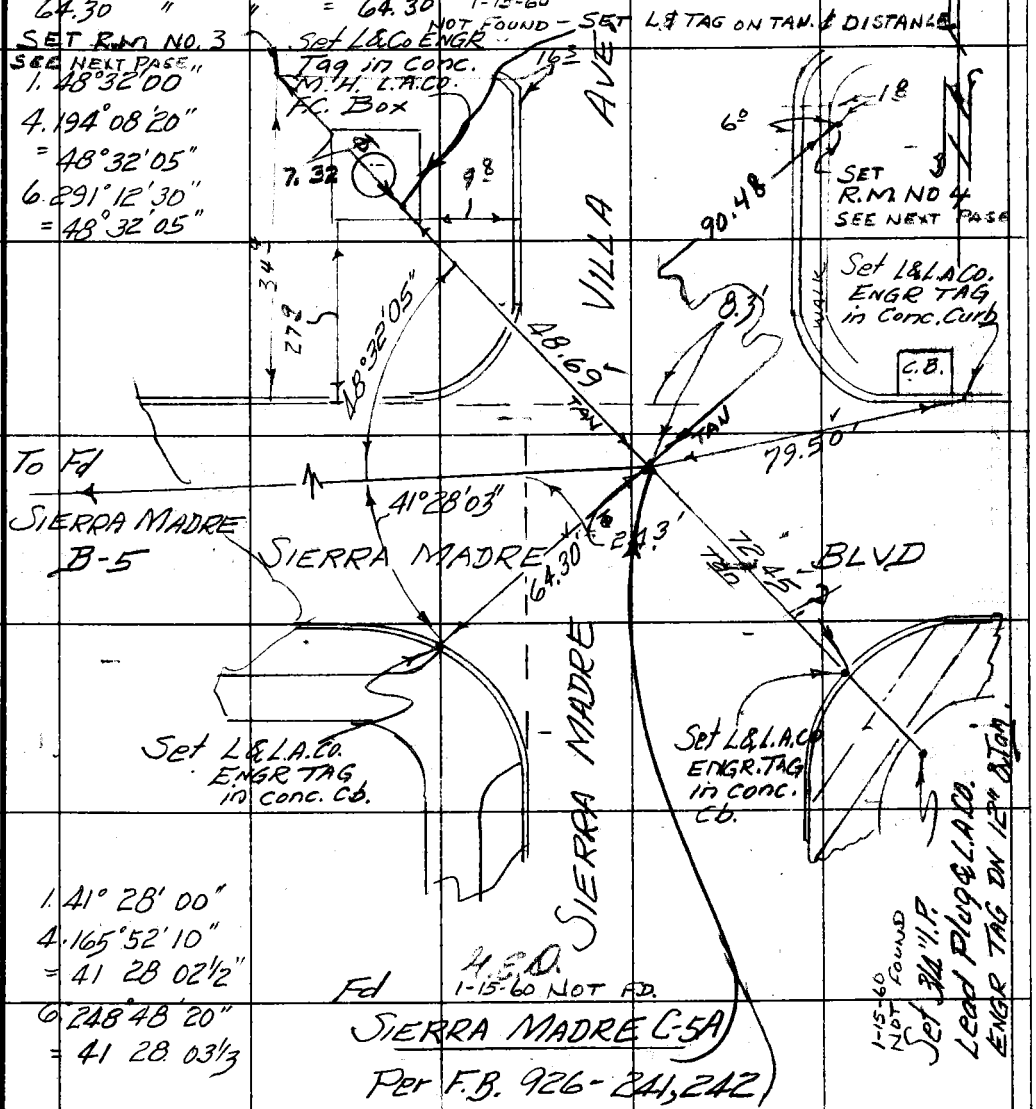
SIERRA MADRE C-5A

48.69' level T=92° = 48.69'
72.45 " " = 72.45'
64.30 " " = 64.30

79.50' level T=92° = 79.50'

1-15-60 NOT FOUND - SET L&T TAG ON TAN. & DISTANCE

SET R.M. NO. 3
SEE NEXT PAGE
1. 48°32'00"
4. 194°08'20"
= 48°32'05"
6. 291°12'30"
= 48°32'05"



1. 41° 28' 00"
4. 165°52'10"
= 41 28 02½"
6. 248°48'20"
= 41 28 03⅓

Fd H.E.D. 1-15-60 NOT FD.

SIERRA MADRE C-5A

Per F.B. 926-241,242

SET STD TRAVERSE STATION MON. PER TIES; STAMPED "SIERRA MADRE C-5A RESET 1960 L.A.Co. ENGR. RE 5869" 8 INCHES DEEP UNDER CAST IRON COVER

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

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RETURN TO
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76F309S CE #247—3-57

F. B. _____ Pg. _____

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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1-15-60 H.E.D.

R.M. NO 3 SET STD. REF. MON. STAMPED "SIERRA MADRE C-5A R.M. NO 3 1960 L.A.CO. ENGR. R.E. 5869" INCHES DEEP

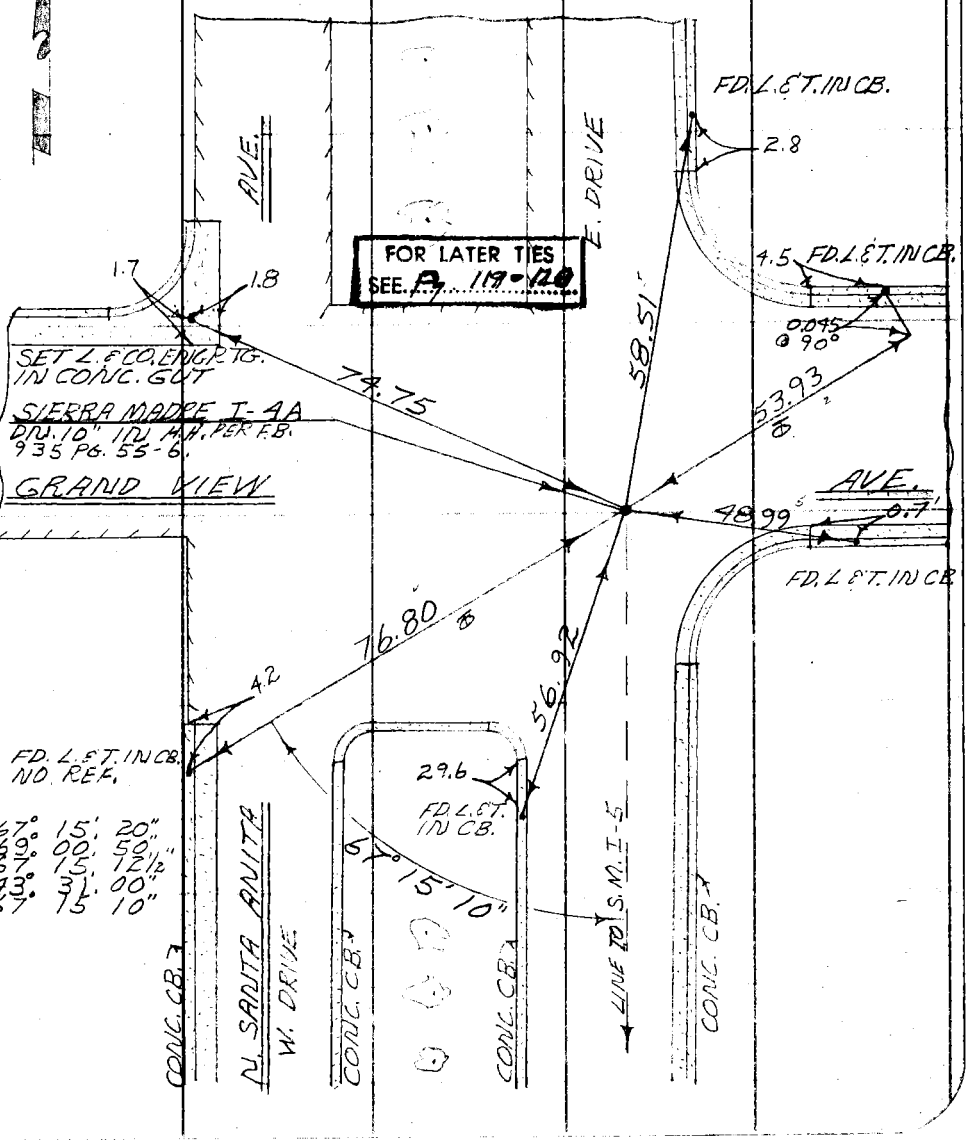
R.M. NO 4 SET STD REF MON STAMPED "SIERRA MADRE C-5A R.M. NO 4 1960 L.A.CO. ENGR. R.E. 5869" INCHES DEEP

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 2301.00 Tape 142 Std 84 °F
Office Work	Surveyed by H.R. STOCK
Checked	Notes RICHARDS Date 8-26-58
Date	Indexed C. Johnson 11-28-58

F. B. 935 PG. 77

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SIERRA MADRE I-4A
"ADDITIONAL TIES"

See F.B. 935-119, 120
for additional Ties
F.E.B. 14 July 1964



1. 67° 15' 20"
4. 269° 00' 50"
5. 67° 15' 12½"
6. 43° 31' 00"
67 15 10

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76F309S S&E #247 1-56

F. B. 935 Pg. 78

SIERRA MADRE I-4A

THIS STATION IS IN L.A. COUNTY, IN THE SIERRA MADRE AREA, IN THE INTERSECTION OF GRAND VIEW AVE. AND THE EAST DRIVE OF SANTA ANITA AVE., IN A WELL CUT THROUGH THE PVT. AND PROTECTED BY A 2' X 2' CONC. PAD AND STANDARD CAST IRON COVER.

STATION MARK: FOUND A A STANDARD 4" BRASS CAP TRIANGULATION STATION MONUMENT DOWN 10" IN H.H. STAMPED "SIERRA MADRE I-4A 1945, COUNTY SURVEYOR, R.E. 2177."
PER F.B. 935-55, 56. & GEOD. CARD.
FOR VERTICAL CONTROL SEE F.B. 1200.
ELEV. = 800.508.

[illegible]
SURFACE TIES ONLY AS SHOWN ON SKETCH.

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Notes Ck'd by	Survey of Geodetic Cont.
Map No.	JN 0301.00 Tape #84 Std 84° °F
Office Work	Surveyed by H.R. Stock
Checked	Notes Stock Date 2-24-59
Date	Indexed E. C. Johnson 3-2-59

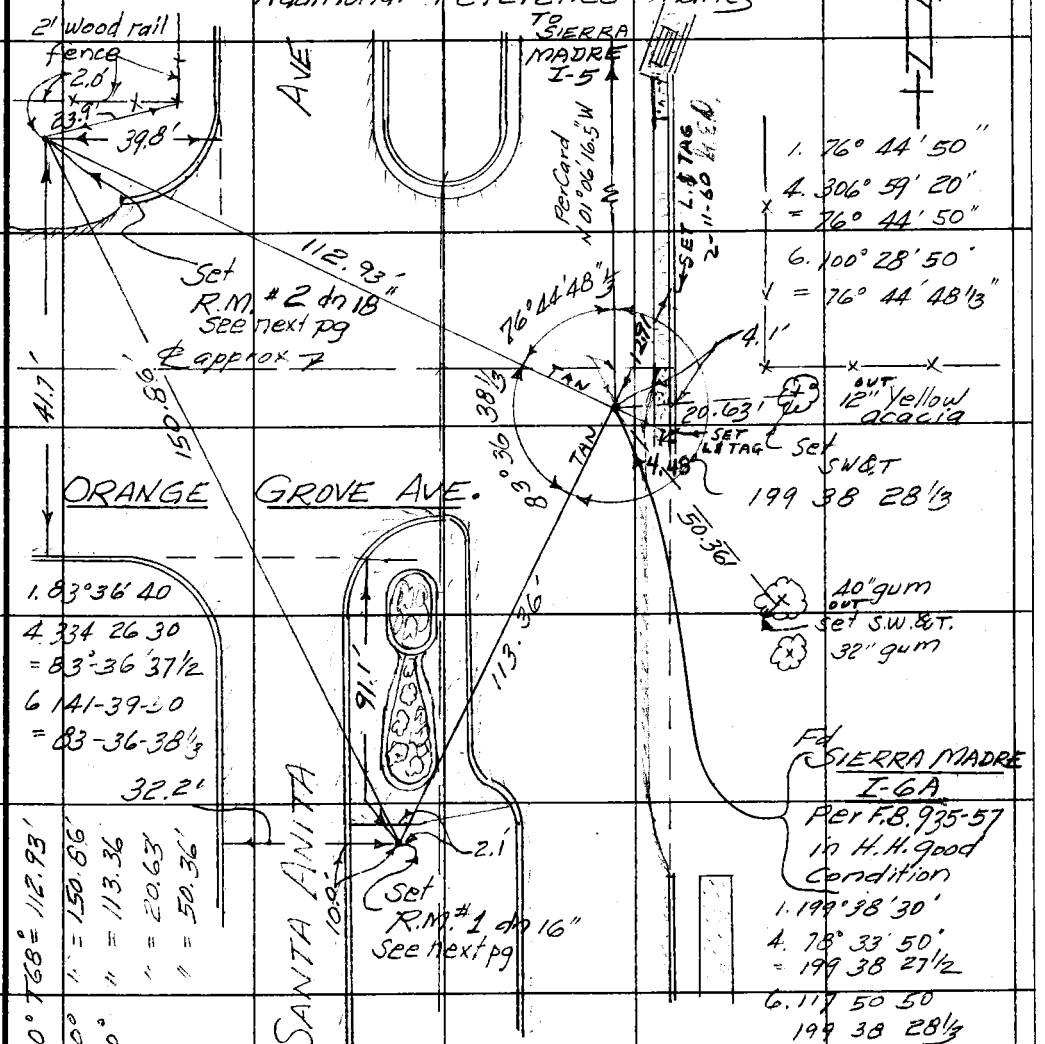
F. B. 935 Pg. 79

L.A. SURVEY CONTROL SYSTEM

TRAVERSE STATION

SIERRA MADRE I-6A

Additional reference marks



Note: This station is also Precise B.M. Elev. Transfered To R.M. #1 & #2. see level Notes.

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

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RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #247—3-57

F. B. 935 Pg. 80

DESCRIPTIONS
SIERRA MADRE I-6A

General description per F.B. 935-58 is still good.

Surface Mark: Fd A standard 4" brass tablet in conc. dn 12" below pavement grade, marked; "L.A. CO. SURV. CONT. SYS. TRAV. STA," and stamped "SIERRA MADRE I-6A, 1945, Set by COUNTY SURVEYOR R.E. 2177."

Reference Mark No 1: Set A standard reference mark in Conc. dn 16" and Stamped "SIERRA MADRE I-6A, R.M. 1, 1959, Set by L.A. Co. ENGR. R.E. 5669".

Reference Mark No 2: Set Same as for No 1 except stamped R.M. #2. Mark is dn 18".

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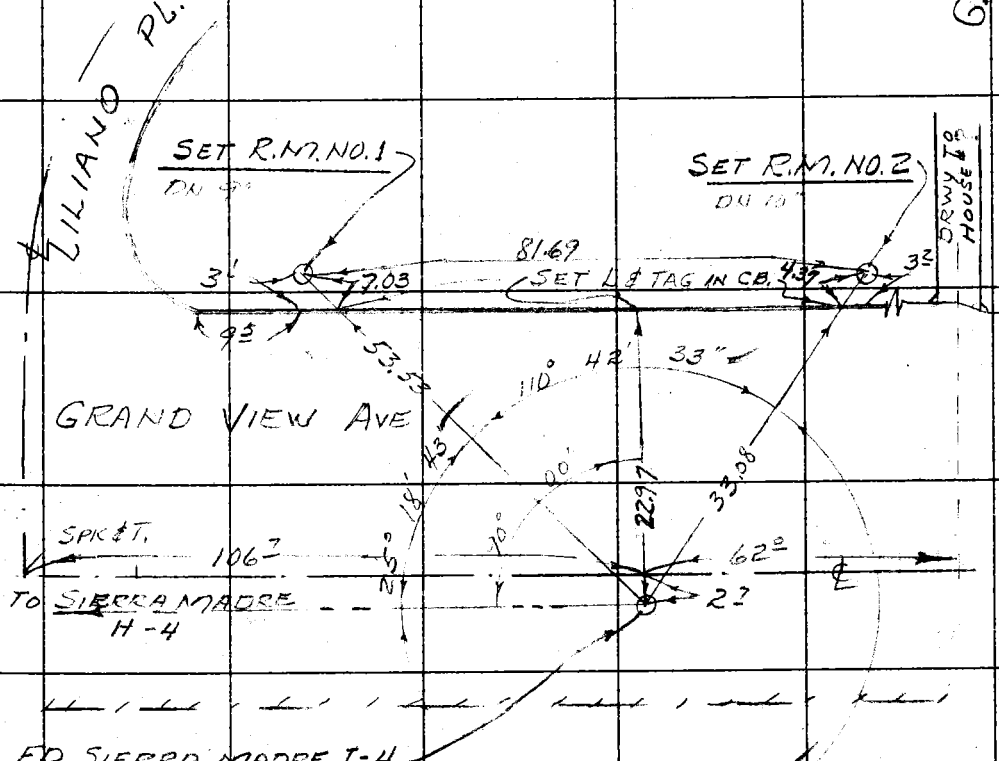
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 10-16-59
Date	Indexed C. Johnson

F. B. 935 Pg. 81

L.A.CO. SURVEY CONTROL SYSTEM

TRAVERSE STATION SIERRA MADRE I-4



FD SIERRA MADRE I-4
PER F.B. 935-53, 54
1" DN.

223° 58' 3"

1	25° 18' 50"	(1) 110° 42' 30"	223 58 40
(4)	101 15 00	(4) 82 50 20	(4) 175 54 40
	25 18 45	110 42 35	223 58 40
(6)	151 52 20	(6) 304 15 20	(6) 263 51 50
	25 18 43 1/3	110 42 35 1/3	223 58 39 1/3

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

763098 CE #247 7-53

F. B. 933 PG. 82

DESCRIPTIONS

SEE PG 54

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 2301.00 Tape 236 Std 68 °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D Date 1-4-60
Date	Indexed E. J. GALLI

F. B. 935 PG. 83

L.A. CO. SURVEY CONTROL SYSTEM TRAVERSE STATION

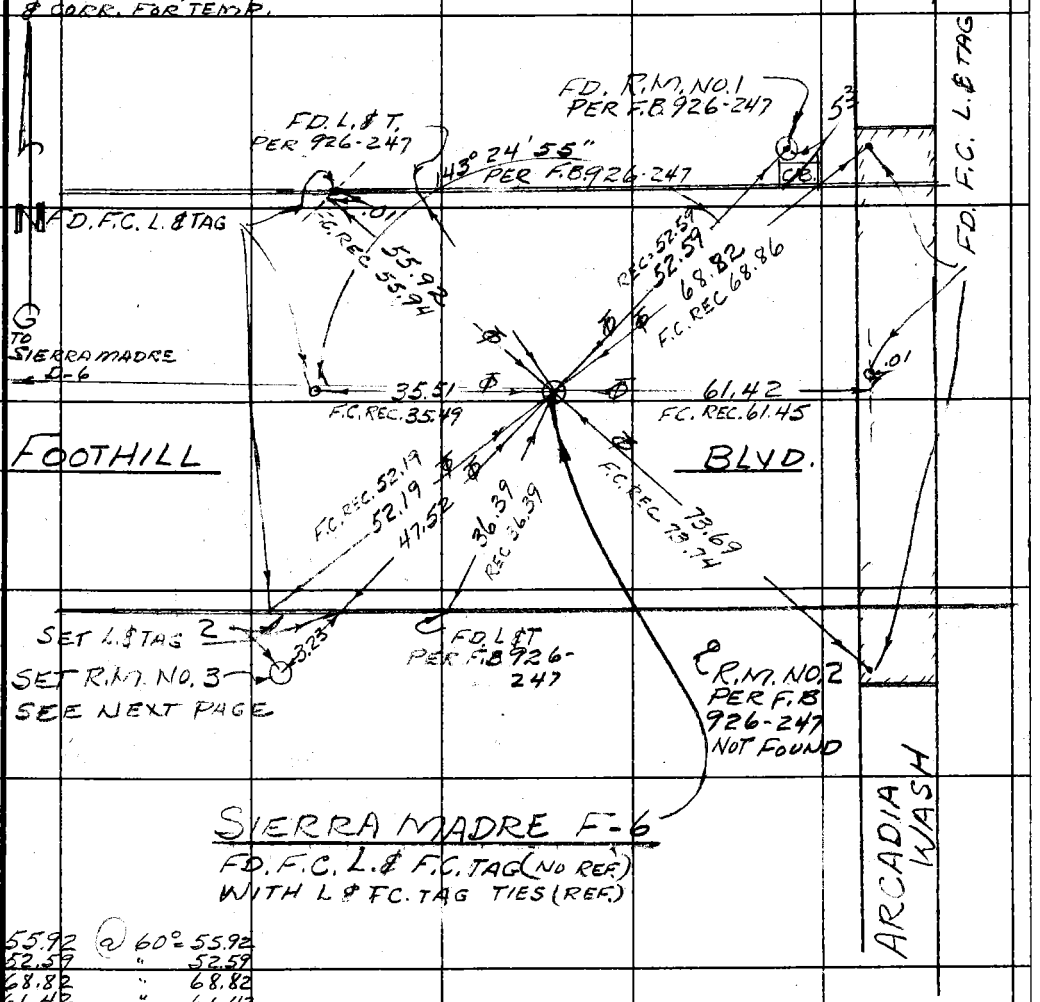
SIERRA MADRE F-6

REF. F.B 926-247, 248

FLOOD CONTROL TIES; ARCADIA WASH, LINDA ST. LATERAL, 10-30-56

PHOTOSTAT INSERTED IN F.B. 926-247 TO 247 247 248

ALL DIST. MEAS. LEVEL & CORR. FOR TEMP.



SIERRA MADRE F-6

FD. F.C. L.& F.C. TAG (NO REF.)
WITH L.& F.C. TAG TIES (REF.)

55.92	@ 60° =	55.92
52.59	"	52.59
68.82	"	68.82
61.42	"	61.42
73.69	"	73.69
36.39	"	36.39
47.52	"	47.52
52.19	"	52.19
35.51	"	35.51

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76F309S CE #247—3-57

F. B. 935 Pg. 84

TRAVERSE STATION

SIERRA MADRE F-6

REF. F.B. 926-247, 248

IN L.A.CO. ABOUT 0.8 MI. SOUTH OF THE TOWN OF SIERRA MADRE, AND 0.15 MI. WEST OF SO. BALDWIN AVE, NEAR THE ℄ OF FOOTHILL BLVD. ABOUT 65 FT. W. OF ARCADIA WASH.

SURFACE MARK FD. A FLOOD CONTROL DISTRICT LEAD AND TAG (PERPETUATION OF ORIGINAL BRASS CAP MON.) IN SURFACE OF NEW CONCRETE PAVEMENT AND TIES PER PHOTO COPY OF "ARCADIA WASH, LIMA ST LATERAL, 10-30-56" IN F.B. 926 BETWEEN PAGES 246 & 247.

R.M. NO 1 FD STD REF. MON STAMPED "SIERRA MADRE F-6 R.M. NO 1 1940 COUNTY SURVEYOR R.E. 2177" 10 INCHES BELOW CURB GRADE.

R.M. NO 2 NOT FOUND, PROBABLY DESTROYED.

R.M. NO 3 SET STD. REF MON. STAMPED "SIERRA MADRE F-6 R.M. NO 3 1960 L.A. CO. ENGR. R.E. 5861" 8 INCHES BELOW CURB GRADE.

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700 Los Angeles County Engineering Bldg.

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Notes Ck'd by	Survey of
Map No.	W. O. Tape No. St'd. °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed E. C. Johnson 4-2-51

F. B. 935 PG. 101

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

~ PALMDALE AIRPORT ~

GEODETIC CONTROL TIE TO THE NORTH BOUNDARY.

March - 1951.

L.A. 1900. Party:- G.W. Meinock
J. Moore
A. Peterson
C.E. Shoemaker
R. Holt
M. Nalopoff
A. Gurzado
L. York.

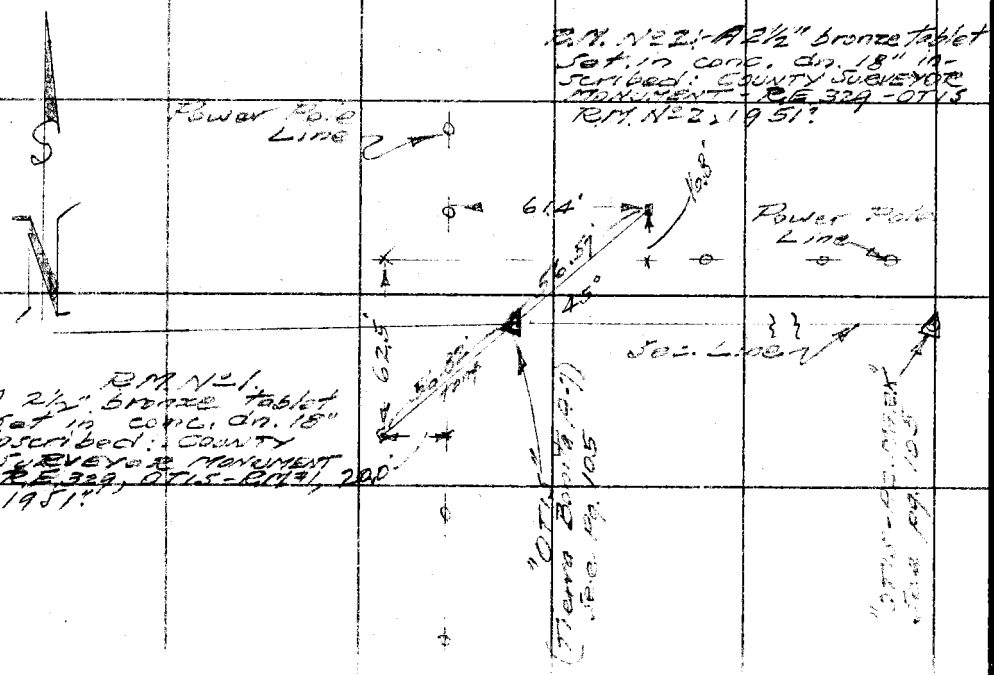
~ INDEX ~

Reference Ties Page 102.
Sketch of Triangulation Scheme " 103.
" " No. Bdy. Line of Airport & Control Points " 105, 106.

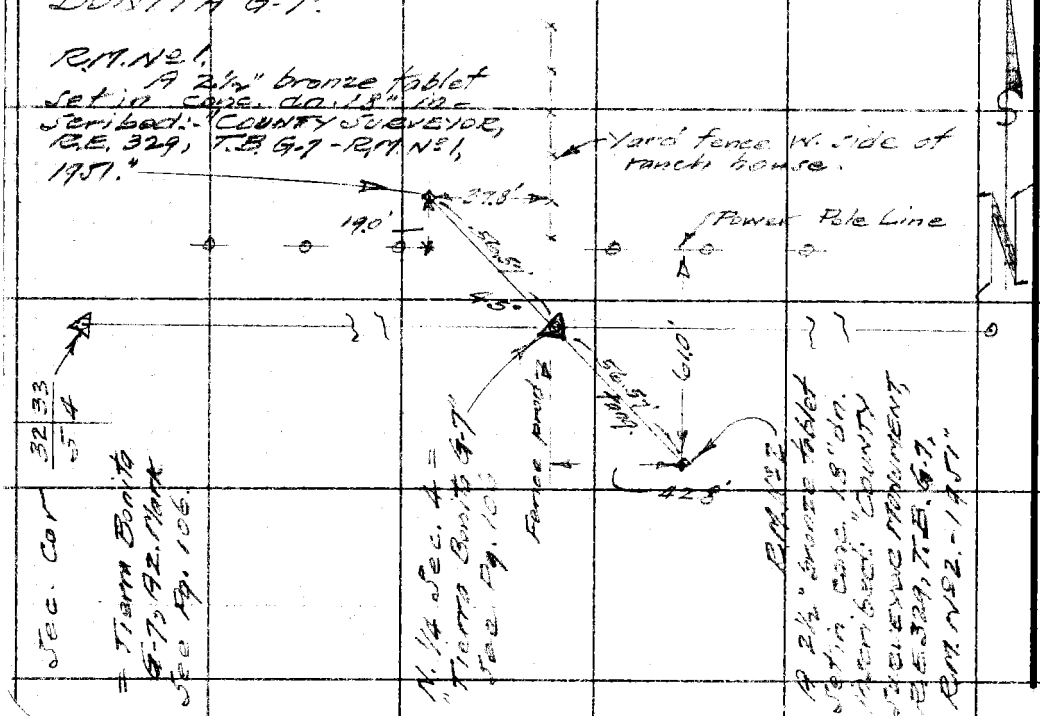
76F309S 247 10M 1-49

F. B. 935 PG. 102

REFERENCE TIES TO Δ "OTIS".



REFERENCE TIES TO Δ "TIERRA BONITA G-7".



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725 LOS ANGELES COUNTY
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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.

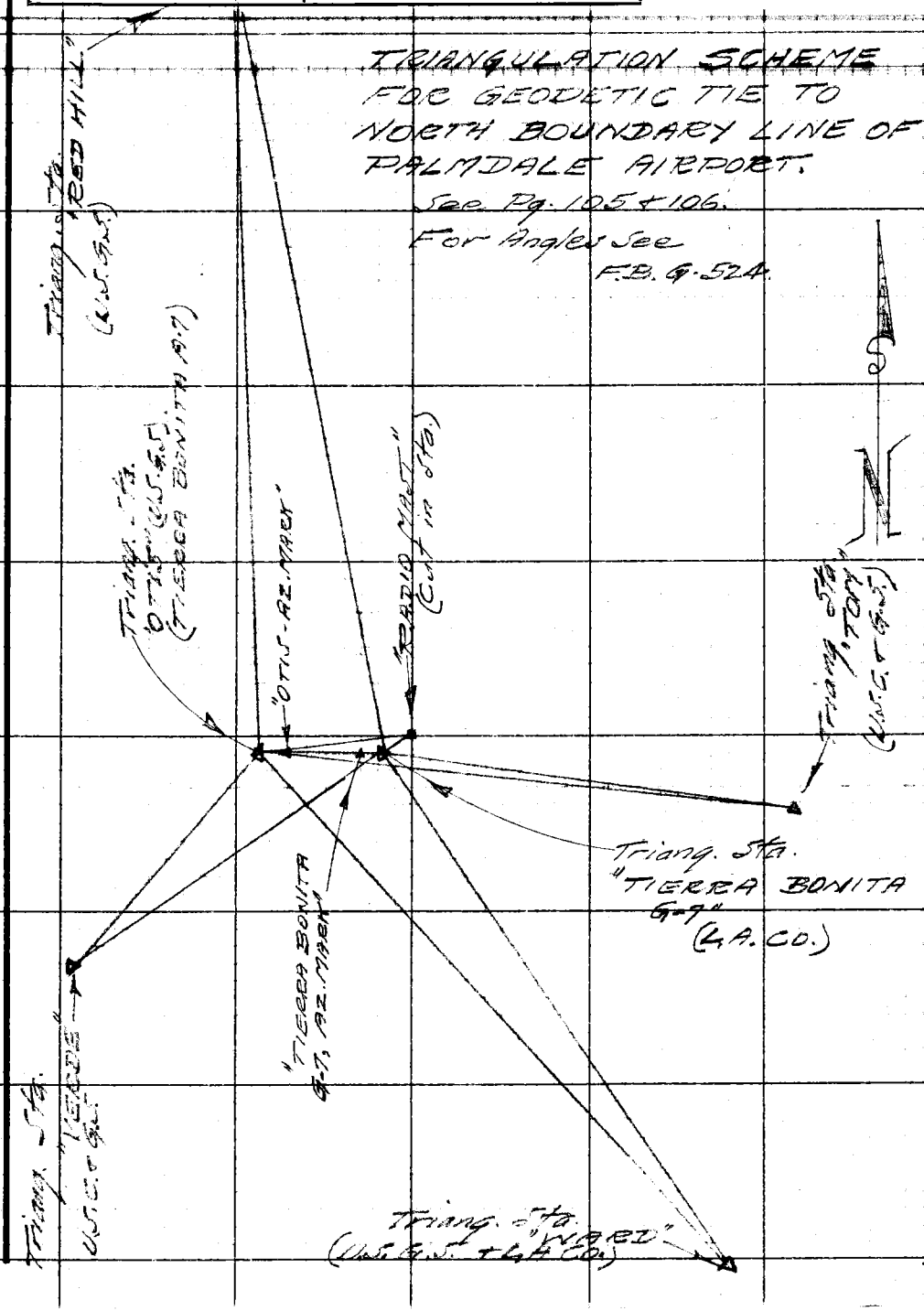
Notes Ck'd by	Survey of Triangulation
Map No.	W. O. 4900 Tape No. St'd. °F
Office Work	Surveyed by G.W. Hornack
Checked	Notes G.W.H. Date Mar. 51
Date	Indexed ~~K. G. Johnson~~

F. B. 935 PG. 103

TRIANGULATION SCHEME
FOR GEODETIC TIE TO
NORTH BOUNDARY LINE OF
PALMDALE AIRPORT.

See Pg. 105 & 106.

For Angles See
F.B. 9-524.



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ENGINEERING BLDG.

76F3099 247 10M 1-49

F. B. 935 PG. 104

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Notes Ck'd by	Survey of [illegible]
Map No.	W. O. 4900 Tape No. St'd. °F
Office Work	Surveyed by G. W. Kleinrock
Checked	Notes GWK Date Mar '51
Date	Indexed A. C. Johnson

F. B. 935 PG. 105

N. BOUNDARY OF PALMDALE AIRPORT.

Sec. Cor. 31 32 / 6 5 / T.7N. / T.6N. / R.11W.

Cont'd at top of pg. 106

= C.S. Mon. as per F.B. 106-68

30TH ST. E.

AVE "M"

1/4 Sec. Cor. 31 / 6 / T.7N. / T.6N. / R.11W.

= C.S. Mon. as per F.B. 106-68 & C.S. Map. #8738

= "OTIS - AZ MARK" See Pg. 103.

SEC. 6.

T.7N. T.6N.

Sec. Cor. 36 31 / 1 6 / T.7N. / T.6N. / R.12W. / R.11W.

= C.S. Mon. as per F.B. 106-68, 75 & C.S. Map #8738.

= Triang. Sta. "OTIS" (Tierra Bonita 4-7) See Pg. 103.

R.11W. R.12W.

20TH ST. E.

BDY. LINE

1/4 Sec. Cor. 36 / 1 / T.7N. / T.6N. / R.12W.

= C.S. Mon. as per F.B. 92/36 & C.S. Map #8738

SEC. 1.

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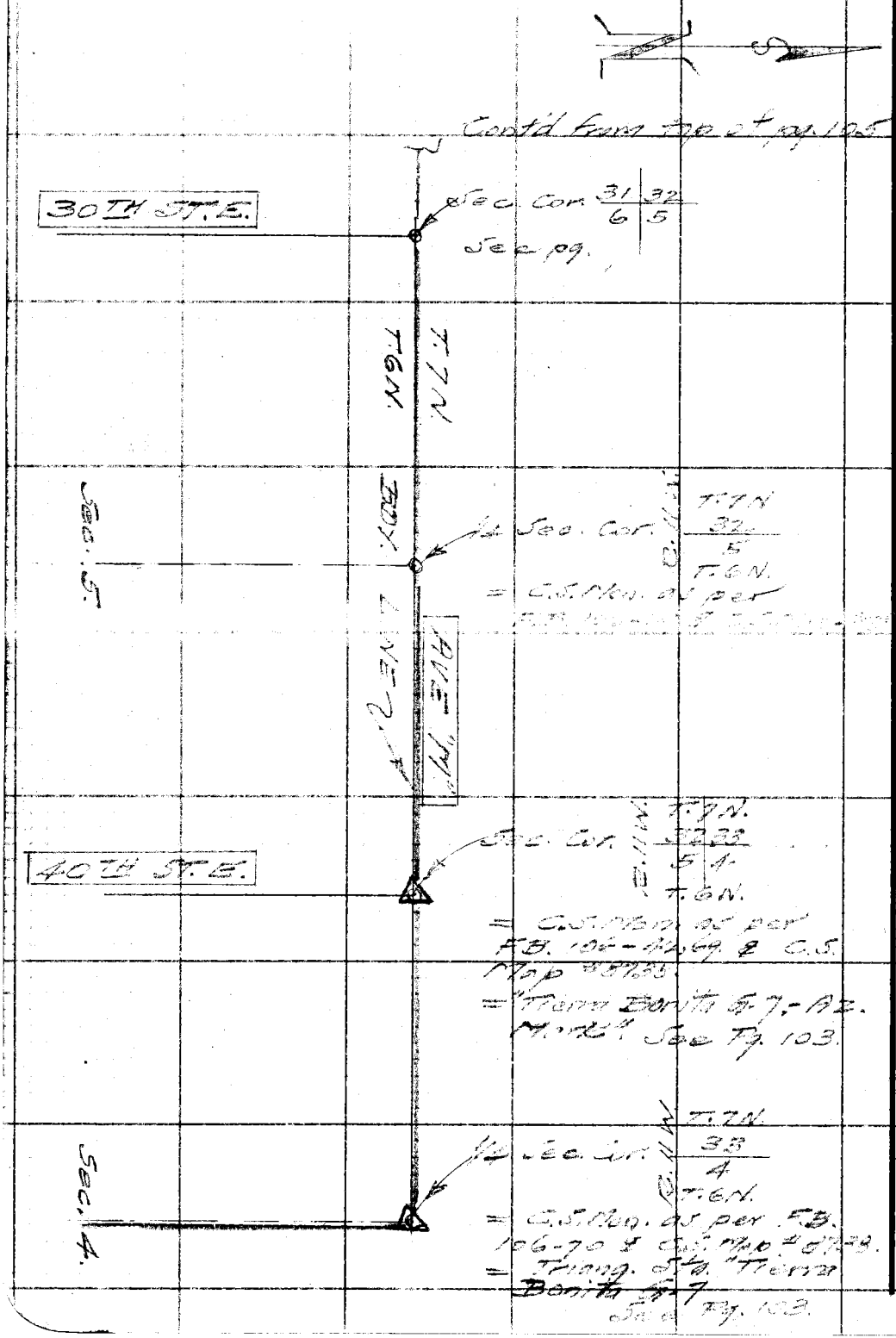
76F309S 247 10M 1-49

F. B. 935 Pg. 106



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

F. B. PG.

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 10M 1-49

RETURN TO
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726 LOS ANGELES COUNTY
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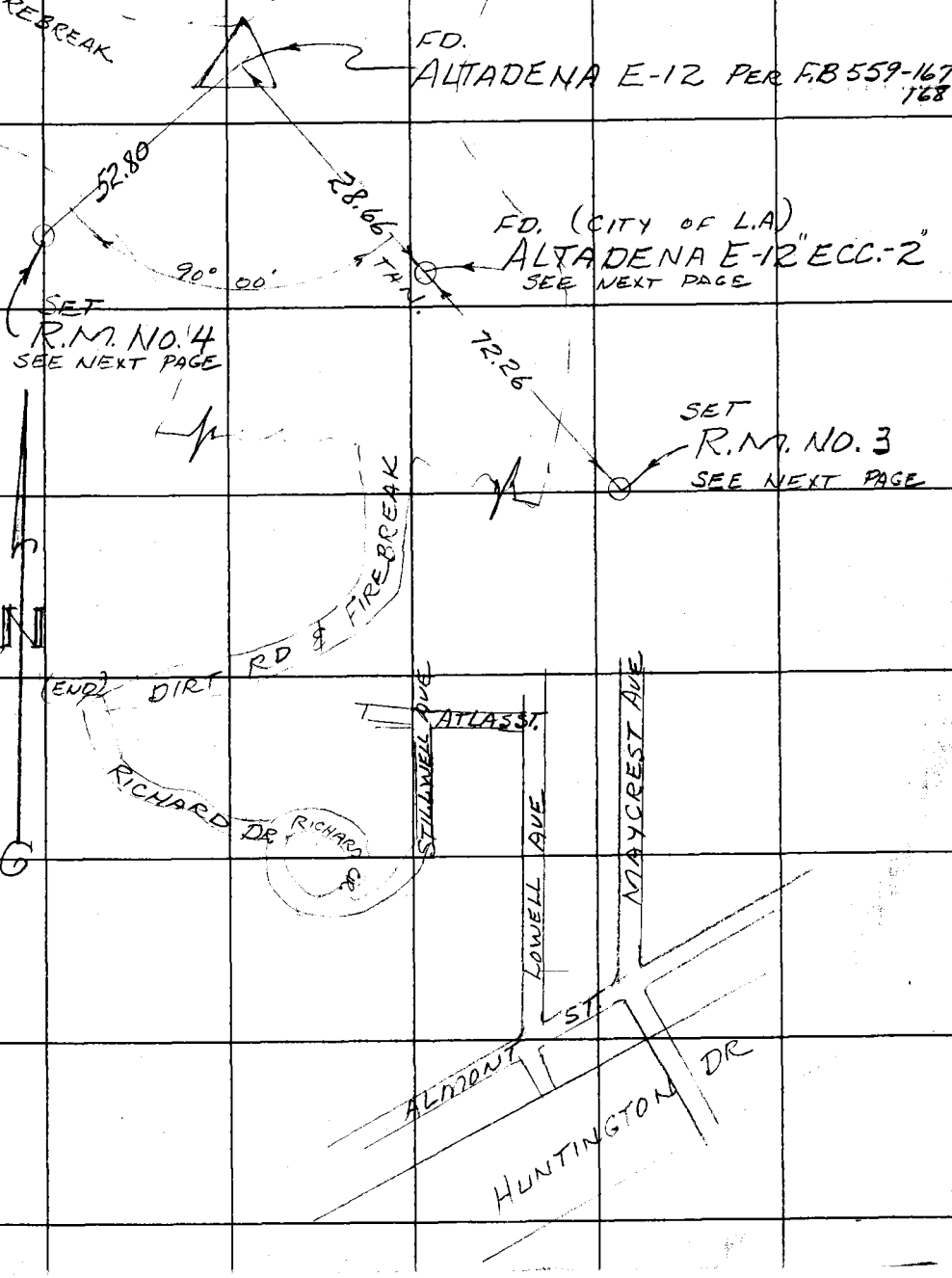
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 092 Std 68 °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D Date 12-17-59
Date	Indexed [redacted]

F. B. 935 PG. 111

L.A. CO. SURVEY CONTROL SYSTEM TRIAN. STA.

ALTADENA E-12 & E-12 ECC. 2



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

F. B. 935 Pg. 112

ALTADENA E-12 & ECC.2

REFERENCE, F.B. 559-167,168

THIS STATION IS IN THE CITY OF SOUTH PASADENA, AND CAN BE REACHED FROM THE INTERSECTION OF LOWELL AVE. AND HUNTINGTON DRIVE, N. BY GOING N'LY 0.3 MI. ALONG LOWELL AVE. TO ATLAS ST, THENCE WESTERLY ALONG ATLAS ST. TO STILLWELL AVE.; THENCE S. AND W'LY ALONG STILLWELL AVE. TO RICHARD DR.; THENCE N.W'LY TO END OF RICHARD DR., THENCE NORTHERLY ALONG A DIRT ROAD AND FIRE BREAK 0.4 MI. TO STATION AT TOP OF HILL.

SUB-SURFACE MARK PER F.B. 559-167,168 SET 44" BELOW STATION MARK, A LEAD PLUG AND COPPER TACK IN CONCRETE AND SEPARATED FROM THE SURFACE MONUMENT BY AN 8" CUSHION OF SAND.

STATION MARK (PER F.B. 559-167,168) A STD 4 INCH BRASS TABLET, INSCRIBED "L.A. COUNTY SURVEY CONTROL SYSTEM TRIANGULATION STATION ALTADENA E-12 R.E. 2177 SET BY COUNTY SURVEYOR 1938" WAS SET IN CONC. 2 INCHES ABOVE GROUND

ALTADENA E-12 ECC.2 FD. A STD CITY OF LOS ANGELES REFERENCE MARK DISC STAMPED "ECC. 2" IN CONC. FLUSH

R.M. 1 & 2 NOT RECOVERED PROBABLY DESTROYED BY FIRE BREAK CONSTRUCTION

R.M. NO 3 SET STD REF. MON. STAMPED "ALTADENA E-12 R.M. NO 3 1959 L.A. CO. ENGR. RE5869" ON LINE WITH E-12 AND ECC 2, UP6"

R.M. NO 4 SET STD REF. MON. STAMPED "ALTADENA E-12 R.M. NO 4 1959 L.A. CO. ENGR. R.E. 5869" UP 6 INCHES

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

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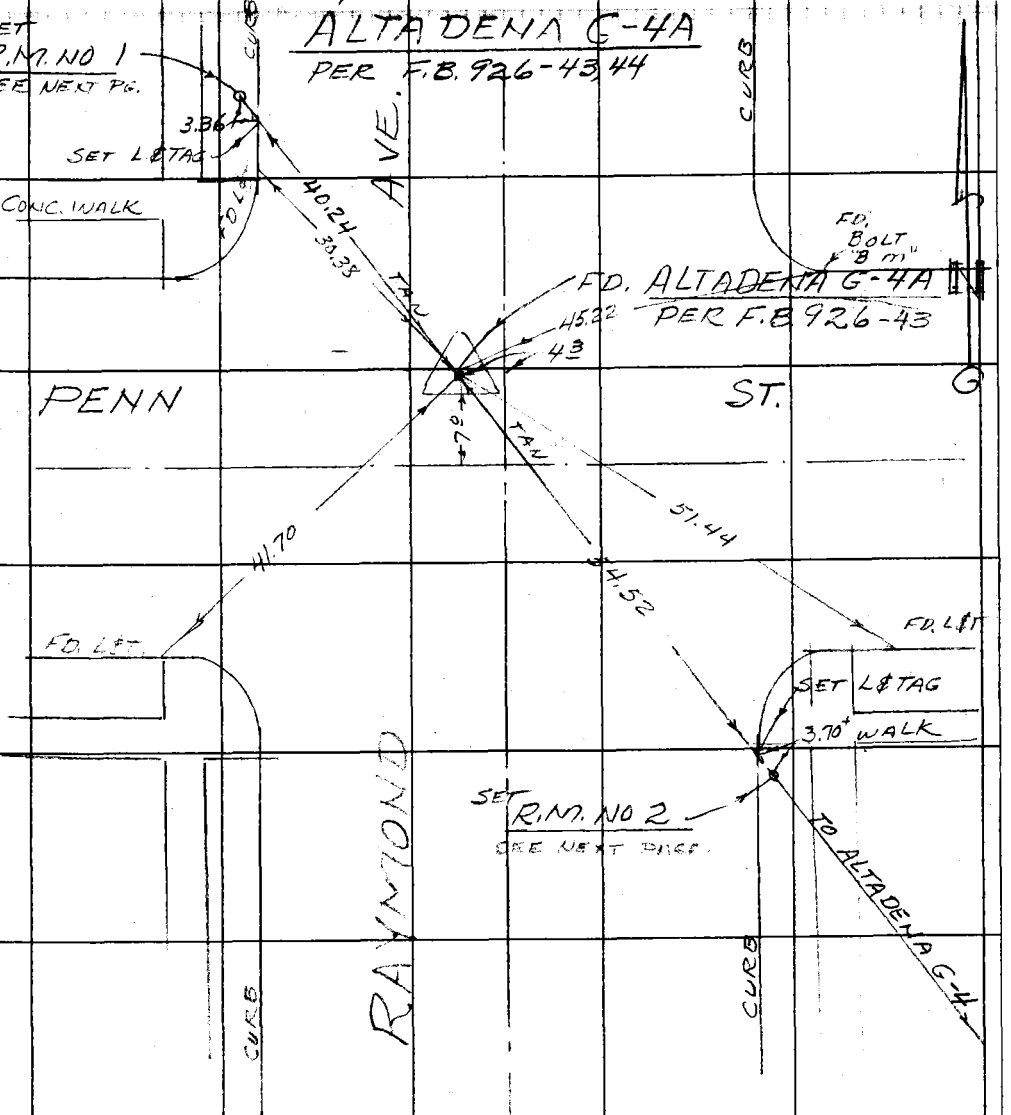
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 030100 Tape 092 Std °F
Office Work	Surveyed by J. E. DREIER
Checked	Notes G.E.D Date 12-18-59
Date	Indexed [redacted] J. GALLI

F. B. 935 Pg. 113

L.A.CO. SURVEY CONTROL SYSTEM TRIAN. STA.



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

76F3095 CE #247—3-57

F. B. 935 Pg. 114

ALTADENA G-4A

PER F.B 926-43,44 TRIANGULATION STATION
THIS STATION IS IN THE CITY OF PASADENA, IN THE INTERSECTION OF PENN ST. AND RAYMOND AVE, 23.5 FT. EASTERLY FROM THE W. CURB LINE OF RAYMOND AVE, PROD. S'LY, AND 7.7 FT S'LY FROM THE N. CURB LINE OF PENN ST. PROD E'LY, IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

STATION MARK. PER F.B 926-43,44
A STD 4 INCH BRASS TABLET INSCRIBED: "L.A. COUNTY SURVEY CONTROL SYSTEM TRIANGULATION STATION ALTADENA G-4A R.E. 2177 SET BY COUNTY SURVEYOR 1940" WAS SET IN CONC, 2 INCHES BELOW SUBGRADE OF STREET

R.M. NO 1 SET STD REF. MON. STAMPED "ALTADENA G-4A R.M. NO. 1 1959 RE 5869" INCHES BELOW TOP OF CURB ON LINE PROD FROM ALTADENA G-4

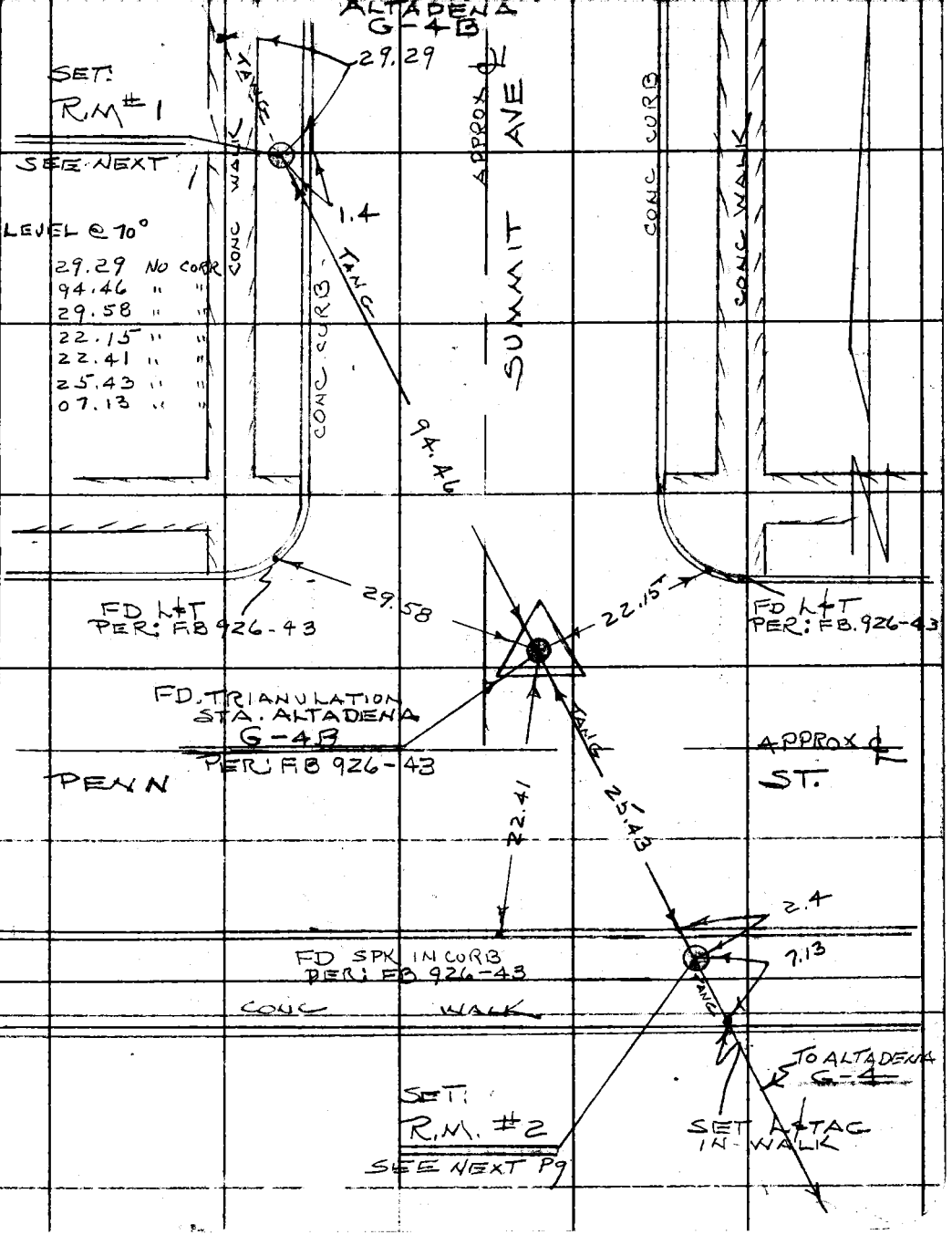
R.M. NO 2 SET STD. REF. MON. STAMPED "ALTADENA G-4A R.M. NO. 2 1959 RE 5869" INCHES BELOW TOP OF CURB ON LINE TO ALTADENA G-4

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 062 Std 68 °F
Office Work	Surveyed by W.D. BAY
Checked	Notes R.D. SMITH Date 12-18-59
Date	Indexed G. J. GALLI

F. B. 735 PG. 115

L.A. COUNTY - SURVEY CONTROL SYSTEM
TRIANGULATION
ALTADENA
G-4B



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

76F309S S&E #247 11-58

F. B. 935 PG 116

DESCRIPTIONS.

ALTADENA G-4B.

THIS STATION IS IN THE CITY OF PASADENA IN THE INTERSECTION OF PENN ST. AND SUMMIT AVE 25.0 FT EASTERLY OF WESTERLY CURB PROD OF SUMMIT AVE. AND FT NORTHERLY OF SPIKE IN SOUTH CURB OF PENN ST. IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED: "COUNTY SURVEYOR MONUMENT."

STATION MARK: FD STD 4" BRASS TRI. CAP IN CONC 2 INCHES BELOW SUB-GRADE OF STREET. AND STAMPED ALTADENA G-4B. 1940 COUNTY SURVEYOR R.E 2177 PER. F.B. 926-43-44

REFERENCE MARK NO 1 SET STD 4" BRASS REF. CAP. IN CONC 12 INCHES DOWN AND STAMPED ALTADENA G-4B RM NO. 1 1959 L.A. CO. ENGR R.E. 5869

REFERENCE MARK NO 2. SAME AS R.M. NO 1 EXCEPT 12 INCHES DOWN AND STAMPED R.M. NO 2.

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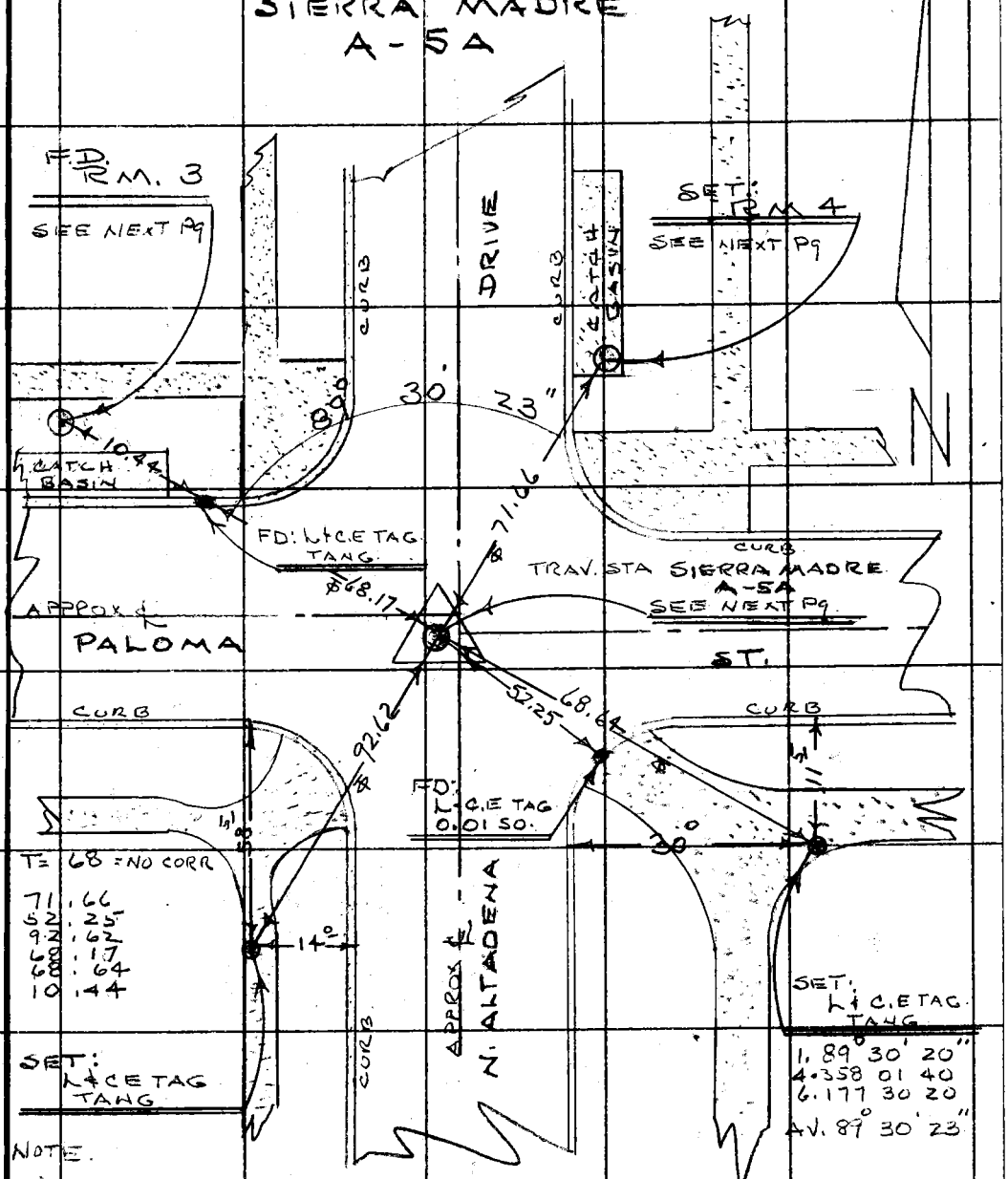
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 0193 Std 68 °F
Office Work	Surveyed by A. C. GUIZADO
Checked	Notes R SMITH Date 2-18-63
Date	Indexed C. J. GALLI FEB 20 '63

F. B. 935 PG. 117

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION SIERRA MADRE A-5A



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

78F3095 CE # 310 3-61

F. B. 935 PG. 118

DESCRIPTIONS

TRAVERSE STATION

SIERRA MADRE

A-5A

THIS STATION IS IN L.A. COUNTY IN THE CITY OF PASADENA AND IN THE INTERSECTION AND NEAR THE ℄ INTERSECTION OF PALOMA ST. & NO. ALTADENA DR. IN A H.H.

STATION MARK: A STD 4" BRASS TRAV. CAP IN CONC. & STAMPED "SIERRA MADRE A-5A, R.E. 2177, COUNTY SURVEYOR, 1940". FOUND PER F.B. 926-213, 214

REFERENCE MARK #1 SEARCH MADE. DESTROYED BY STORM DRAIN CONST. (SEARCH PER F.B 926-213-214)

REFERENCE MARK #2 SEARCH MADE. DESTROYED BY TRAFFIC LIGHT INSTALLATION. (SEARCH PER F.B 926-213-14)

REFERENCE MARK #3. FOUND STD. 4" BRASS. REF. CAP IN CONC. DN 12" BELOW WALK GRADE AND STAMPED: "SIERRA MADRE A-5A. R.M. #3, L.A. CO. ENGR., R.E. 5869, 1959. PER F.B. 926-213, 214.

REFERENCE MARK #4. SET STD. 4" BRASS REF. CAP CONC. FOOTING OF STORM DRAIN. AND STAMPED: SIERRA MADRE. A-5A R.M. 4. L.A. CO. ENGR. R.E. 5869, 1963.

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403 Los Angeles County Engineering Bldg.
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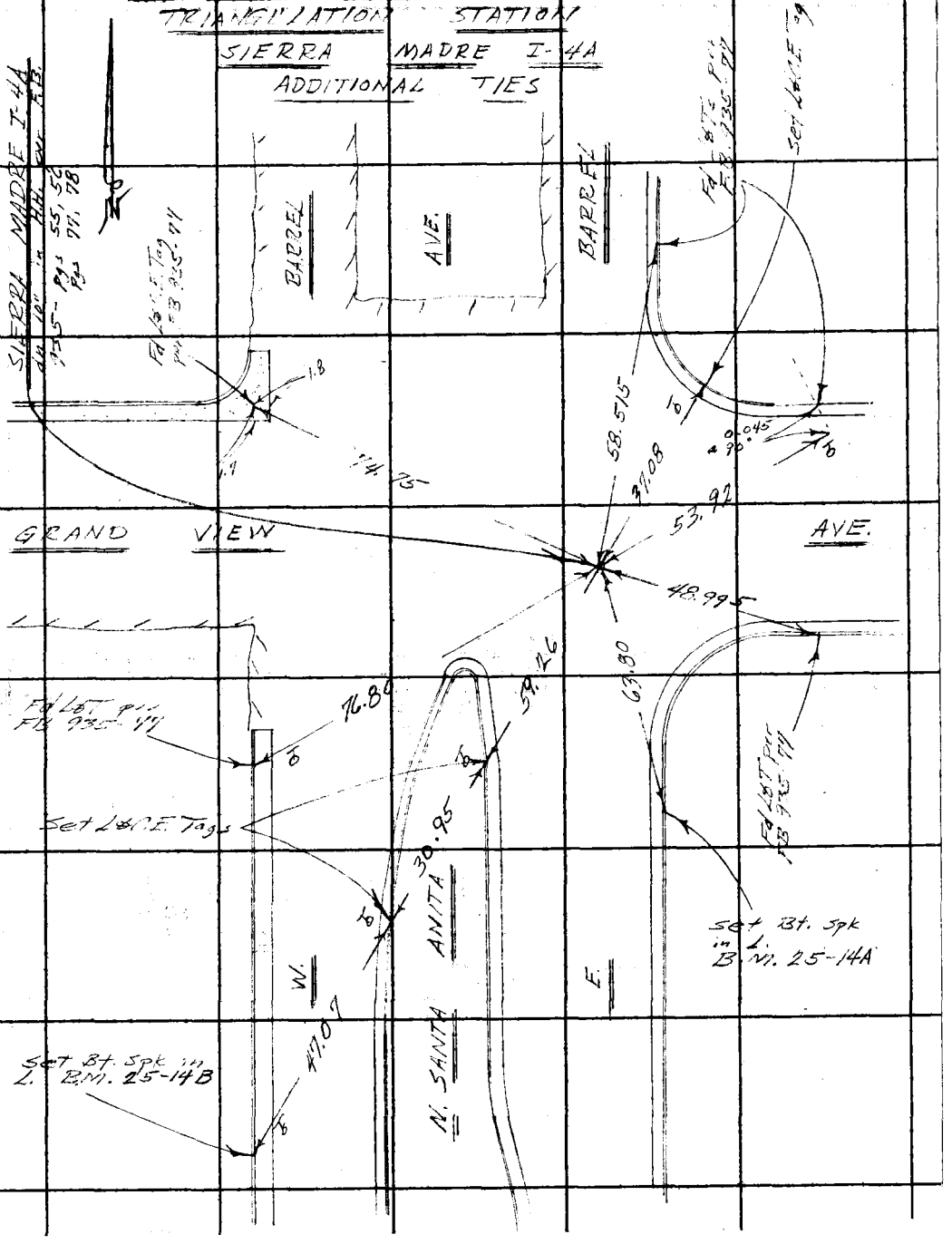
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 0226 Std 68 °F
Office Work	Surveyed by FT Brooks
Checked	Notes FE 13 Date 14 July 64
Date	Indexed E. J. GALLI JUL 2 '64

F. B. 935 PG. 111

Noted on Geo. Index Card
Place on R.G.S.D. Grid Shts.
Placed on Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SIERRA MADRE I-4A
ADDITIONAL TIES



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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

F. B. 935 PG. 120

SIERRA MADRE I-4A

THIS STATION IS IN L.A COUNTY, IN THE SIERRA MADRE AREA, IN THE INTERSECTION OF GRAND VIEW AVE AND THE E. BARREL OF SANTA ANITA AVE. IN A WELL CUT THROUGH THE PVMT. AND PROTECTED BY A 2'X2' CONC PAD AND STD. CAST IRON COVER.

STATION MARK:
FD. A. STD. 4" BRASS CAP TRIANGULATION STATION MONUMENT DOWN 10" IN. H.H. STAMPED "SIERRA MADRE I-4A 1945 COUNTY SURVEYOR RE 2177"
PER FB. 935, 55-56
" " , 77-78 & GEOD. CARD.
FOR VERTICAL CONTROL SEE FB 1200
ELEV 800.508

REFERANCE MARK:
LOCATED THIS STATION BY SURFACE TIES ONLY AS SHOWN ON PG 77 OF FB 935

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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FORM 247 5M 11-41

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Notes Ck'd by____
Map No.____
Office Work
Checked____
Date____

Survey of____
W. O.____ Tape No.____ St'd____ of F
Surveyed by____
Notes____ Date____
Indexed____

F.B.____ PG.____

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335