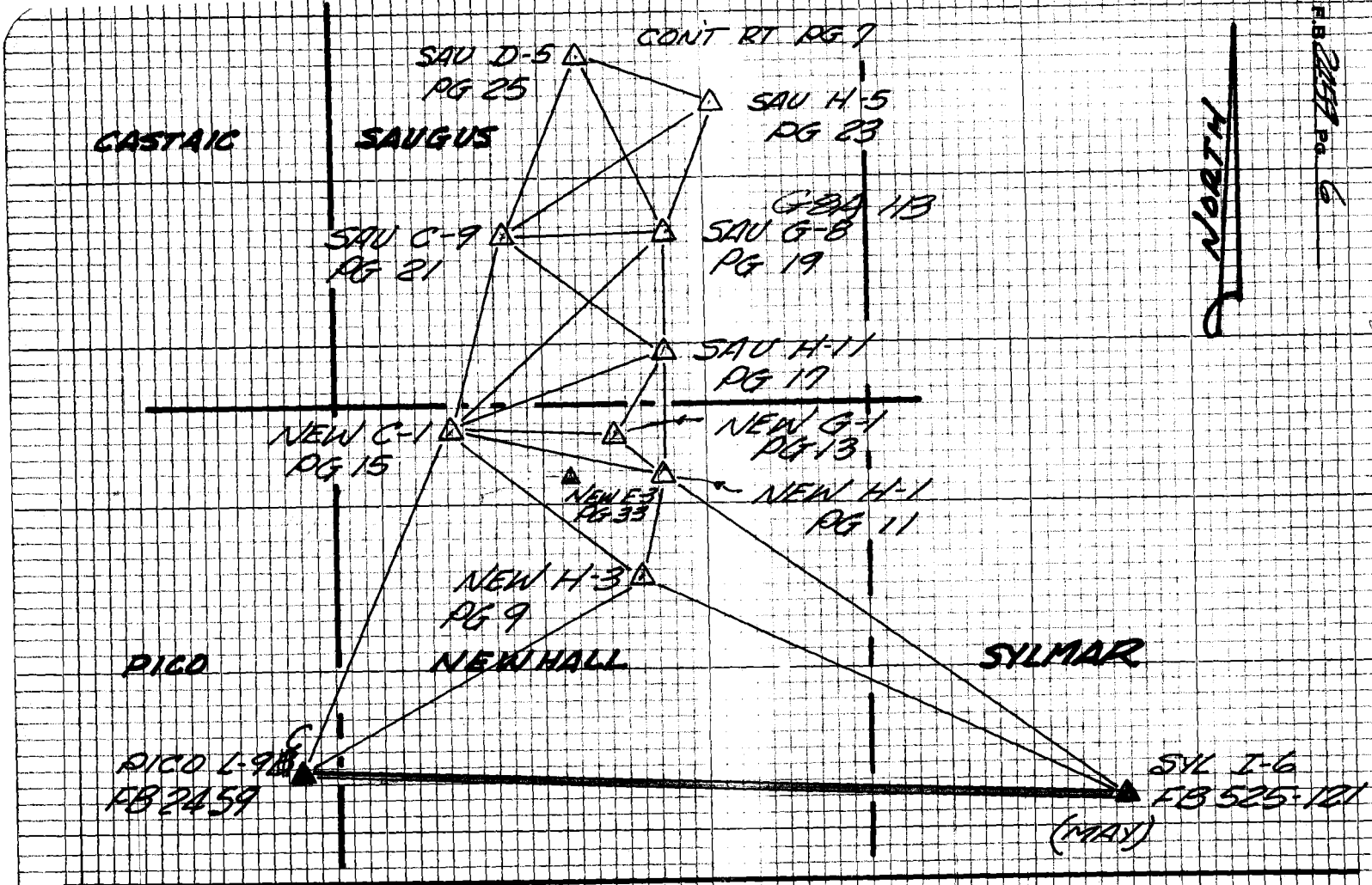
| | | |
|---|---|---|
| ...'d by | Survey of Newhall Area | F.B. 2459 Pg. 5 |
| | JN 0301.00 Tape Std. °F | |
| | Surveyed by JGR & RCW | |
| | Notes RCW Date 9-67 | |
| | Indexed | |

NEW HALL - SAUGUS
FIRST ORDER CONTROL
JN 0301.00

| | |
|---|---|
| ...LSON | RANDALL |
| ...MS | DOVER |
| ...IER | PYLE |
| ...LEY | MARTINEZ |

Microfilmed March '86




F.B. 2459 PG. 6

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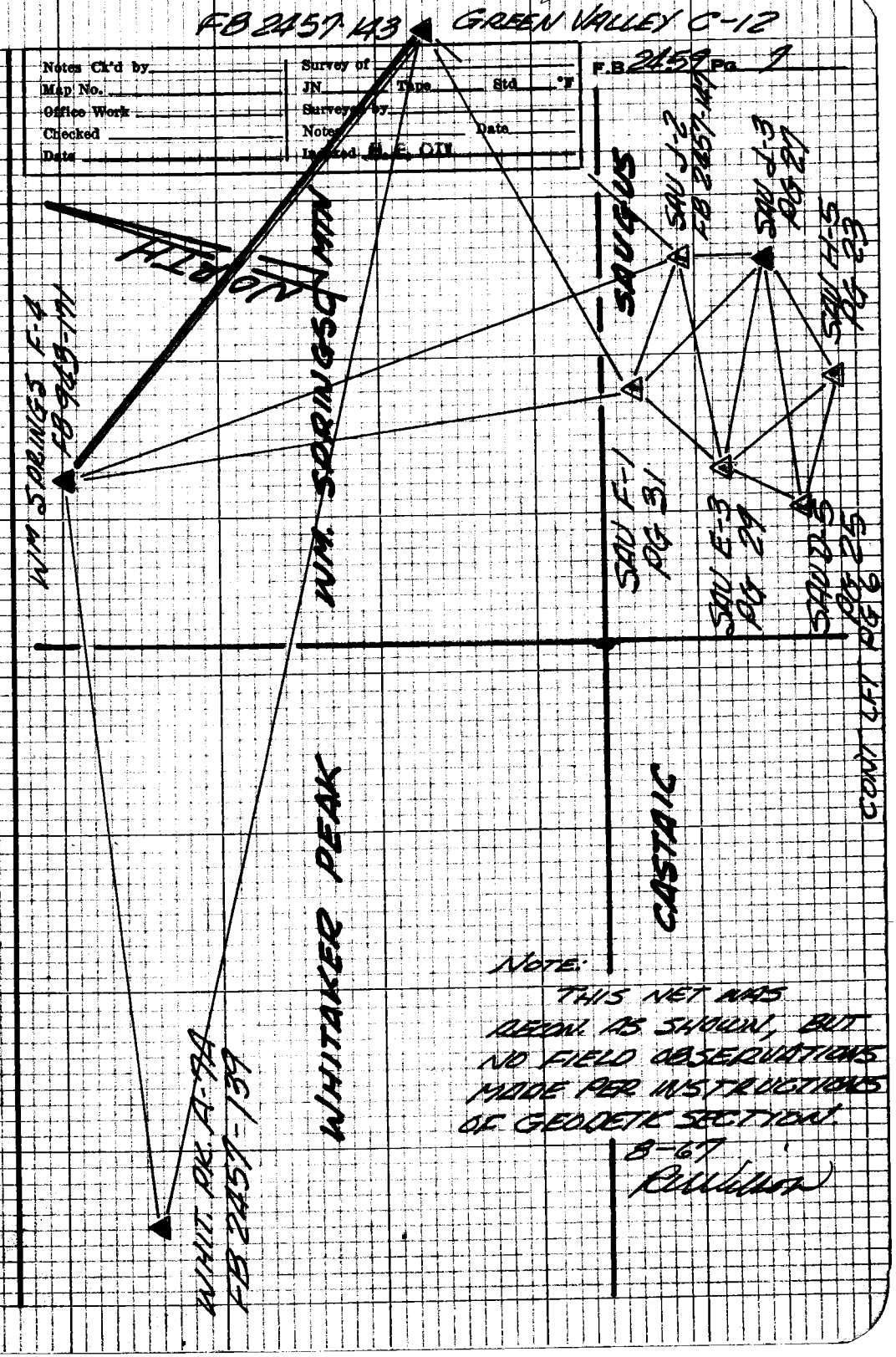
FB 2457-143
GREEN VALLEY C-12
F.B. 2459 Pg. 9
Notes Ck'd by
Map No.
Office Work
Checked
Date
Survey of
JN
Tape
Std
°F
Surveyed by
Notes
Date
Indexed
NORTH
WM SPRINGS F-4
FB 949-171
WM. SPRINGS MTN
SAUGUS
SAU J-2
FB 2457-147
SAU J-3
PG 27
SAU H-5
PG 23
SAU F-1
PG 31
SAU E-3
PG 29
SAU D-5
PG 25
CONT CFT PG 6
WHITAKER PEAK
CASTAIC
WHIT. PK. A-9A
FB 2457-139
NOTE:
THIS NET WAS
RECON. AS SHOWN, BUT
NO FIELD OBSERVATIONS
MADE PER INSTRUCTIONS
OF GEODETIC SECTION.
8-67
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BLANK

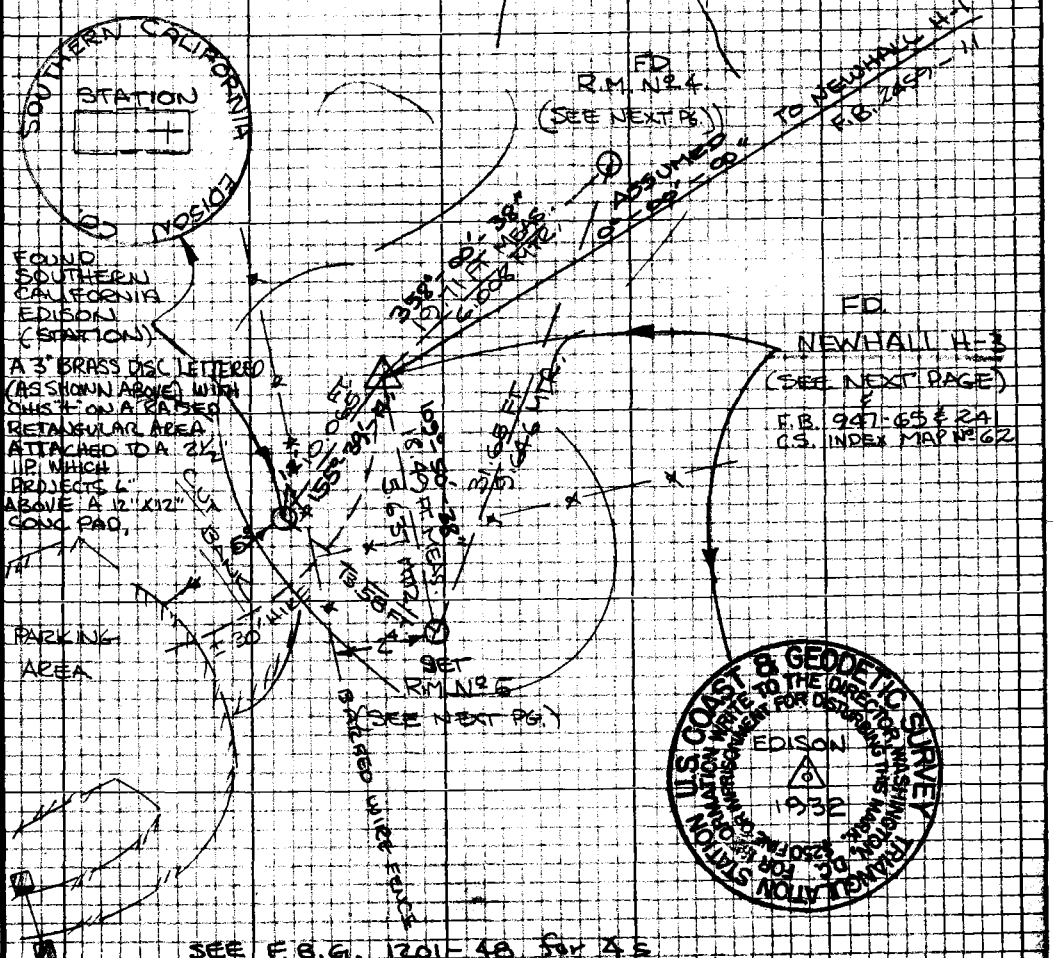
F.B. 2459 Pg. 8

| | | | |
|---|---|---|---|
| Notes Ck'd by | | Survey of GEODETIC CONTROL | F.B. 2459 Pg. 9 |
| Map No. | | JN 0301.00 Tape M-4 Std 84 °F | |
| Office Work | | Surveyed by J.G. Randall | |
| Checked | | Notes DOVER Date Aug-67 | |
| Date | | Indexed H.E. OTT | |

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

## NEWHALL H-3
("USC&GS 341183 - ~~1127~~ 1007)

| 300 FT. TAPE Nº 144 | | 50 Mtr. TAPE Nº M-4 |
|---|---|---|
| 19.71 @ Lev @ T = 90° = 19.71 | = | 6.008 @ Lev @ T = 90° = 6.008 |
| 31.65 @ Lev @ T = 90° = 31.65 | = | 9.646 @ Lev @ T = 90° = 9.646 |
| 18.49 @ Lev @ T = 90° = 18.49 | = | 5.637 @ Lev @ T = 90° = 5.637 |
| 10.065 @ Lev @ T = 90° = 10.065 | | |




SEE F.B.G. 1201-48 for 4 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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CK #310 8-66

F.B. 2459 Pg. 10

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

## NEWHALL H-3

(USC&GS 341183 - ~~H21~~ 1007 PAW)

## AREA

THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE NEWHALL AREA, 0.28 ± MI NORTH-EASTERLY OF THE INTERSECTIONS OF VALLEY ST AND 8TH ST ON A PEAK NEAR THE EDISON TRANSMISSON TOWERS LINE ± 6250 EAST OF RANCHO BDRY AND 1700' SO LYONS AVE (NEWHALL QUAD 7½ MIN.)

## ROUTE

FROM THE INTERSECTION OF LYONS AVE. AND VALLEY ST., TRAVEL SOUTH ~~WESTERLY~~ ON VALLEY 0.4 MILE TO INTERSECTION OF VALLEY ST., AND 8TH, TURN LEFT (~~NORTH~~ EASTERLY) ONTO 8TH. GO 0.25 MILE TO INTERSECTION OF CROSS STREET, TAKE NARROW DRIVEWAY TO LEFT AND GO UPGRADE THROUGH CONC. POST GATE WITH CHAIN & LOCK (NO KEY NEED UNBOLT CHAIN ON LEFT SIDE) TO TOP OF HILL PARK & WALK ± 30' TO STATION (EASTERLY)

## STATION MARK

A 4" U.S.C. & G.S. BRASS TRIANGULATION DISC STAMPED "EDISON, 1932" AND SET IN A 12"X12" CONC. PAD UP 8"

## SUB SURFACE MARK

NO REFERENCE! - NO SEARCH!

NOTE: SEARCHED FOR R.M.'S Nº 1 - Nº 2 - Nº 3 NOT FOUND

## REFERENCE MARK Nº 4

A 4" U.S.C. & G.S. REFERENCE MARK BRASS DISC STAMPED "EDISON, Nº 4 1932" AND SET IN A 12"X12" CONC. PAD UP 8"

## REFERENC MARK Nº 5

A 4" L.A. CO. SURVEY CONTROL SYSTEM BRASS REFERENCE MARK DISC STAMPED "NEWHALL H-3, R.M. 5, 1967, R.E. 5869 AND SET IN A 6" CONC POST UP 6"

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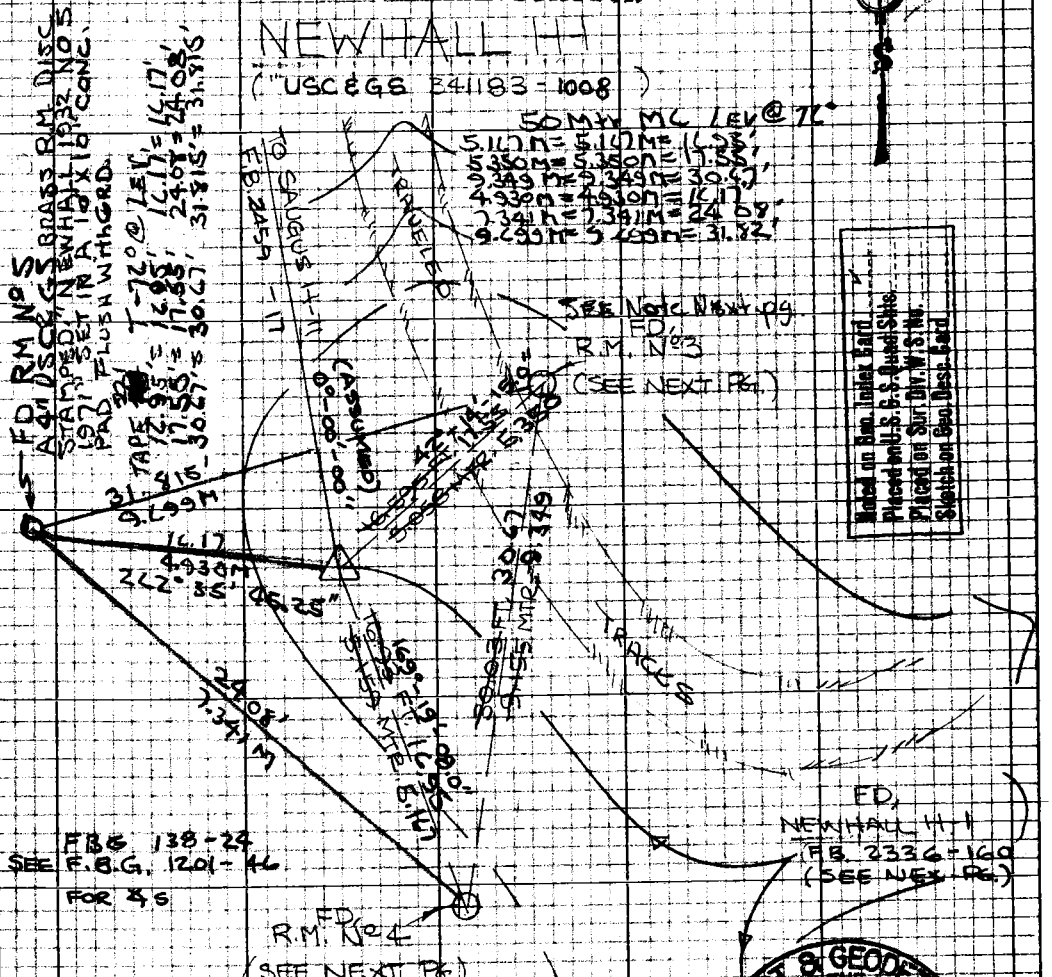
| | |
|---|---|
| Notes Ck'd by | Survey of GEODETIC CONTROL |
| Map No. | JN 0301.00 Tape M-4 Std 84 °F |
| Office Work | Surveyed by J. RANDALL |
| Checked | Notes R. DOVER Date 8 AUG 67 |
| Date | Indexed H. E. ON |

F.B. 2459 Pg. 11

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

NEWHALL H-1

("USC&GS 341183 - 1008")




TAPE 144

16.595 @ LEVEL @ 86° = 16.595 FT.
16.93 @ " @ " = 16.93 "
30.03 @ " @ " = 30.03 "

TAPE M-4 (METER)

5.058 @ LEVEL @ 86° = 5.058 MTR.
5.159 @ " @ " = 5.159 "
9.155 @ " @ " = 9.155 "

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

U.S. COAST & GEODETIC SURVEY
TRIANGULATION STATION
FOR INFORMATION WRITE TO THE DIRECTOR, WASHINGTON, D.C.
$250 FINE OR IMPRISONMENT FOR DISTURBING THIS MARK
NEWHALL
1932

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.

7SP3095 CK #310 8-66

F.B. 2459 Pg. 12

# L. A. COUNTY CONTROL SYSTEM
## TRIANGULATION STATION
## NEWHALL H-1
(USC&GS 341183-1008)

**AREA**

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY, IN THE NEWHALL AREA, A PEAK ON A RIDGE NEAR THE RAIL ROAD TRACKS & 0.5 MILE SOUTHLY OF CLANTON BLOCK CO. A PRINTED TRIANGLE AND ELEV. 1343 ON QUAD SHEET (7½" NEWHALL)

**ROUTE** ±750' EAST OF SAN FERNANDO RD ±1000' FROM INTER PLACERITA CREEK & SAN FERNANDO ROAD.

FROM THE INTERSECTION OF SAN FERNANDO ROAD AND 16TH STREET (IN NEWHALL) GO NORTH ON SAN FERNANDO RD. 1.5 MILES TO CLANTON BLOCK CO. ENTRANCE, TURN RIGHT AND CROSS THE R.R. TRACKS AND DRIVE PARALLEL TO CLANTON BLOCK CO. (EASTERLY) .0.3 MILE ON DIRT ROAD TO "T" INTERSECTION ON RIGHT, TURN RIGHT AND GO 0.5 MILE ALONG DIRT TRACKS ACROSS FIELD & UPGRADE ON RIDGE TO STATION

**STATION MARK**

A 4" U.S.C.&G.S. BRASS TRIANGULATION DISC, STAMPED "NEWHALL, 1932" AND SET IN 12"X12" CONC, PAD UP 4"

**SUB STATION MARK**

NO REFERENCE TO SUB SURFACE PT ∴ NO SEARCH WAS MADE FOR ONE.

**REFERENCE MARK Nº 3**

A 4" U.S.C.&G.S. BRASS REFERENCE MARK DISC STAMPED "NEWHALL, Nº3 1952" AND SET IN A 12"X12" CONC. PAD "FLUSH" AND NEXT TO ROAD

This mon. has settled and tilted in a N.ELY Direction.

**REFERENCE MARK Nº 4**

A 4" U.S.C.&G.S. BRASS REFERENCE MARK DISC STAMPED "NEWHALL, Nº4 1932" AND SET IN A 9"X9" PAD UP 3"

NOTE: SEARCHED FOR R.M.'s Nº1 - Nº2 - Nº3 THESE NOT FD.

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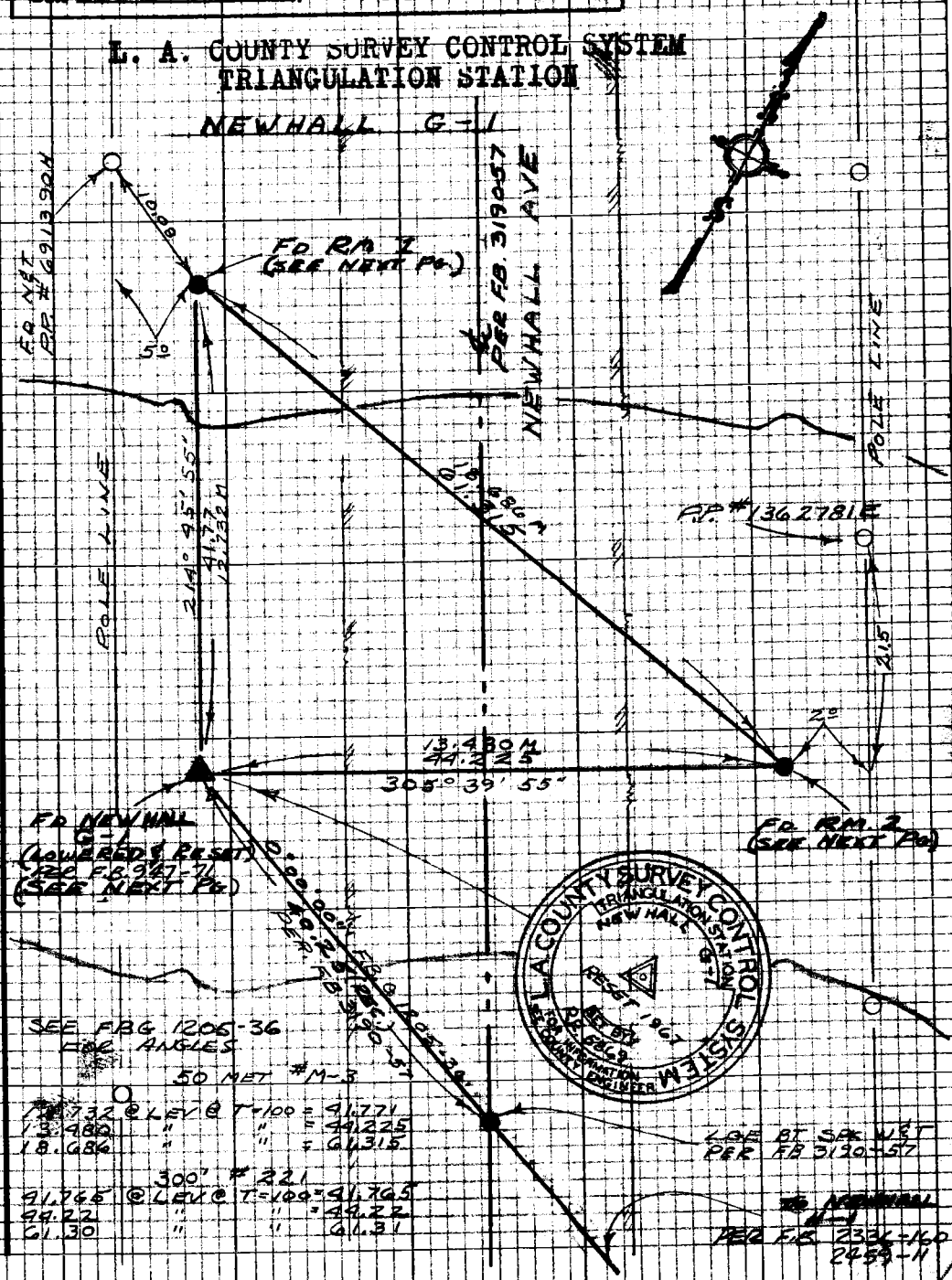
| | | | |
|---|---|---|---|
| Notes Ck'd by | | Surveyed | GEODETIC CONTROL F.B. 2459 Pg. 13 |
| Map No. | | JN 030100 Tape M-3 221 Std 84°F | |
| Office Work | | Surveyed by C. ADAMS | |
| Checked | | Notes ADAMS Date 8-10-67 | |
| Date | | Indexed H. E. OD | |

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

NEWHALL G-1




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

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7623098 CE #310 5-66

F.B. 2459 Pg. 14

# L. A. COUNTY SURVEY CONTROL SYSTEM
# TRIANGULATION STATION

NEWHALL G-1

**AREA** THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY IN THE NEW HALL AREA, ON THE WEST SIDE OF NEWHALL AVE APPROX. 1.3 MILES NORTH OF THE INTERSECTION OF NEWHALL AVE. & LYONS AVE

**ROUTE** FROM THE INTERSECTION OF RIDGE RD & NEWHALL AVE., TRAVEL S,LY ON NEW HALL AVE 1.7 MILES TO THE STATION, 9' W,LY OF W,LY EDGE OF MAC. PAVEMENT, 21' S,LY & 46.3' W.Ly OF P.P. #1362781E, & 51.6' S,LY & 5.0' E.ly OF T.P. #691390 E.

**STATION MARK** A 4" L.A. COUNTY SURVEY CONTROL SYSTEM BRASS TRIANGULATION DISC STAMPED, NEWHALL G-1, ~~1956~~, RESET 1967 R.E. 5869, SET IN ~~12"x12"~~ 6" CONC ~~PAD~~ POST. DN. 4"
(NOTE "RESET MON" IS 0.095' HIGHER IN ELEV. THAN ORIGINAL MONUMENT)

**SUB SURFACE MARK** A 4" L.A. COUNTY SURVEY CONTROL SYSTEM BRASS TRIANGULATION DISC. STAMPED, NEWHALL G-1, 1956, RESET 1967 R.E. 5869, SET IN 12"x12" CONC. PAD. DN. 32"
(NOTE, SUB SURFACE MARK IS ORIGINAL BRASS DISC, RESET 2.235' LOWER IN ELEV, THAN ORIGINAL POSITION.)

**REFERENCE MARKS**

R.M. No. 1, A 4" L.A. COUNTY SURVEY CONTROL SYSTEM BRASS REF. MARK DISC. STAMPED, R.M. 1 R.E. 5869, SET IN CONC. DN. 4"

R.M. No. 2, A 2" I.P. WITH CONC CORE & WIRE DN 18"

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# GEODETIC CONTROL

| | |
|---|---|
| Notes Ck'd by | Survey of Geodetic Control |
| Map No. | JN 0301.00 Tape M-4 144 Std 84 °F |
| Office Work | Surveyed by J.G. Randall |
| Checked | Notes R. DOVER Date 4 AUG 67 |
| Date | Indexed H. E. OH |

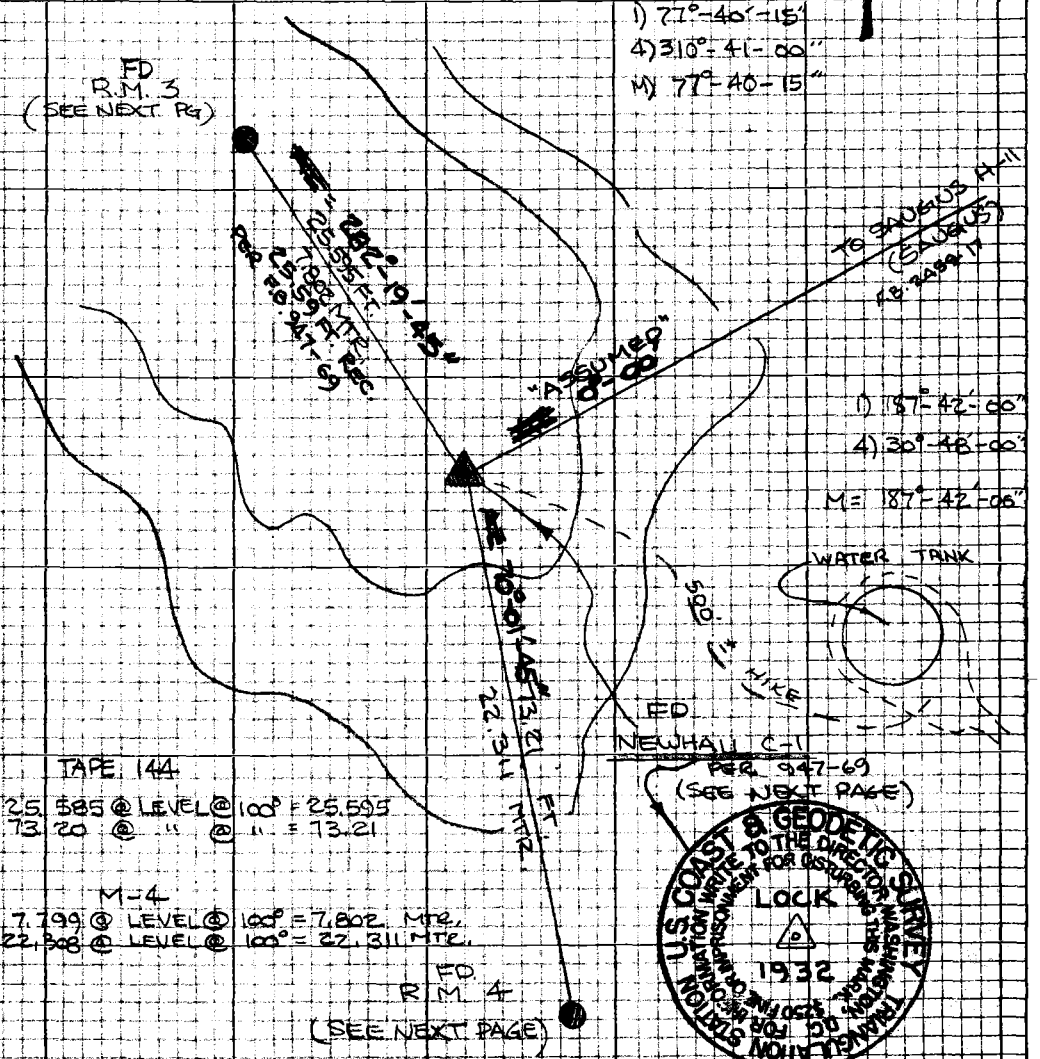
F.B. 2459 Pg. 15

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

## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

NEWHALL C-1

U.S.C & G.S. 341183 - STA 1009

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7SP3098 CE #310 8-66

F.B. 2459 Pg. 16

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## NEWHALL C-1

U.S.C. & G.S. 341183 - STA 1009

**AREA** THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE NEWHALL AREA, AND WESTERLY OF THE FREEWAY (GOLDEN STATE) ON A RIDGE IN BACK OF A 4 MILLION GAL. STORAGE TANK ± 200 FT. HIGHER THAN TANK, ± 5600' N ± 2150' EAST ON NW COR. SEC 5 T3N R16W (7½' NEWHALL) A PRINTED TRIANGLE MARKED 1667 (ELEV)

**ROUTE** FROM THE INTERSECTION OF THE WEST END OF LYONS AVE BRIDGE & OFF RAMP OF FREE WAY (WEST END) BRIDGE #53-1789 ALONG PICO CANYON 0.3 MILE TO DIRT ROAD AND TURN RIGHT, 0.5 MILE ALONG DIRT ROAD PARALLEL TO BRABD WIRE FENCE TO LOCKED GATE (L-KEY ) THENCE 1 MILE UPGRADE ON PARK & HIKE ± 500' NW TO STATION BEHIND TANK

PAVED RD.

**STATION MARK**

A 4" U.S.C. & G.S. BRASS TRIANGULATION DISC STAMPED "LOCK, 1932" SET IN CONC. POUR 8" x 8" WITH BOULDERS "FLUSH"

**SUB SURFACE MARK**

NO REFERENCE TO SUB SURFACE MARK, NO SEARCH WAS MADE FOR SUB SURFACE POINT

**REFERENCE MARK Nº 3**

A 4" U.S.C. & G.S. BRASS REFERENCE MARK DISC, STAMPED "LOCK Nº3 1932" SET IN CONC & BOULDER 3" PIPE AND BRAZED CAP EXTENDED 8" UP.

**REFERENCE MARK Nº 4**

A 4" U.S.C. & G.S. BRASS REFERENCE MARK DISC STAMPED "LOCK Nº4 1932" AND SET "FLUSH" IN A 8" DIA CONC POUR WITH BOULDERS

NOTE: THE WORD "LOCK" IS STAMPED WITH CTR. PUNCH LOCK THUS!

NOTE: SEARCHED FOR R.M.'S Nº 1 - Nº 2 - NOT FOUND

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| | |
|---|---|
| Notes Ck'd by | Survey of CASTIAC AREA |
| Map No. | JN 030100 Tape 144 M-4 Std 84 °F |
| Office Work | Surveyed by J. RANDALL |
| Checked | Notes R. DOVER Date 2/16/67 |
| Date | Indexed H. E. OTT |

F.B. 2459 Pg. 17

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

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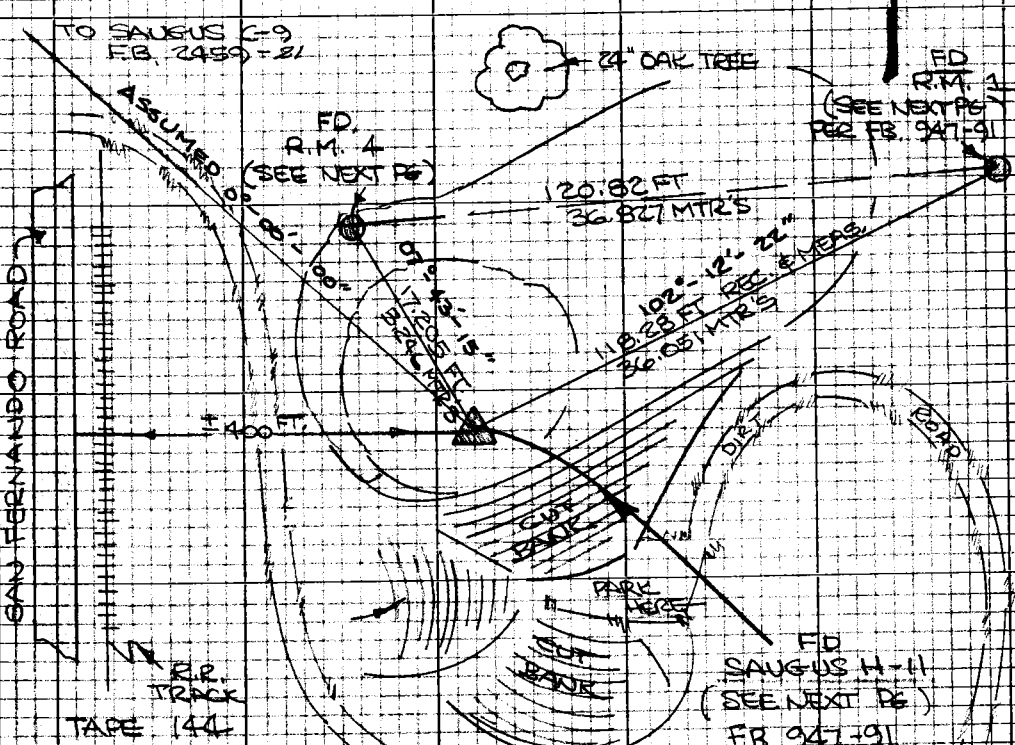
# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## SAUGUS H-11




TAPE 144

17.205 @ LEVEL @ 84° = 17.205
118.28 @ " @ 84° = 118.28 FT.
120.82 @ " @ 84° = 120.82 FT.

M-4 (METER)
5.246 @ LEVEL @ 84° = 5.246 MTR'S
36.051 @ " @ 84° = 36.051 MTR'S
36.827 @ " @ 84° = 36.827 MTR'S

FOR ANGLES SEE
F.B.G. 1202-46

U.S. COAST & GEODETIC SURVEY
TRIANGULATION STATION
FOR INFORMATION WRITE TO THE DIRECTOR, WASHINGTON, D.C.
$250 FINE OR IMPRISONMENT FOR DISTURBING THIS MARK
SAUGUS
1932

76P3098 CE #310 5-66

F.B. 2459 Pg. 18

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## SAUGUS H-11

## AREA

THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, 700 ± FT SOUTH EAST OF THE SAUGUS SCHOOL (MAIN BLDG.) 400 ± FT EAST OF SAN FERNANDO ROAD, ON A SPUR RIDGE ± 75 FT IN ELEVATION ABOVE SAN FERNANDO ROAD'S ROAD LEVEL. A DRIVE STA.

## ROUTE

FROM THE INTERSECTION OF SAN FERNANDO ROAD & DRATON (OPP. SAUGUS CAFE) EAST ON DRATON 0.1 MILE TO SPRINGBROOK - TURN LEFT (NORTH) ON SPRINGBROOK 0.13 MILE TO BASE OF HILL & T.T. (300 ± FT AFTER CROSSING R.R. SPUR TRACK) FOLLOW TRUCK TRACKS 0.1 MILE UPGRADE TO FLAT & PARK - HIKE 100 FT TO TOP OF HILL & STATION

## STATION MARK

A 4" U.S.C. & G.S. BRASS TRIANGULATION MARK DISC. STAMPED "SAUGUS, 1932" UP 4" AND SET IN A 12" X 12" CONC. PAD.

SUB-SURFACE MARK: NO REFERENCE, NO SEARCH MADE.

## REFERENCE MARK Nº 1

A 4" U.S.C. & G.S. BRASS REFERENCE MARK DISC, STAMPED "SAUGUS, Nº 1, 1932" FLUSH AND CEMENTED TO A GRANITE ROCK 11" x 9" x 5" high

## REFERENE MARK Nº 4

A 4" U.S.C. & G.S. BRASS REFERENCE MARK DISC STAMPED "SAUGUS, Nº 4, 1932" UP 4" AND SET IN A 6" DIA CONC. PAD. THE PIPE & BRAZED CAP EXTENDING UP 4" ABOVE GROUND & CONC. LEVEL

NOTE: SEARCHED FOR R.M.'S Nº'S 2 & 3 THESE NOT FOUND

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# GEODETIC CONTROL

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

Survey of CASTAIC AREA
JN 230,000 Tape 144 Std. 24°F
Surveyed by L. G. RANDALL
Notes R. DOVER Date Aug-62
Indexed by E. OTT

F.B. 2459 Pg. 19

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Index Geo. Index Card
Plot U.S.G.S. Quad. Sht.
Placer or Str. Div. W.S. No.
Sketch on Geo. Desc. Card

## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

SAUGUS G8
(USC&GS 34-1183-1012)

POWER LINE'S

POWER LINE

±360'

±50'

SET RM. 4
(SEE NEXT PAGE)

F.B. 947-59

1) 91-04-30
4) 04-21-30
M) 91-04-00

1) 181°-04'-45"
4) 4°-19'-00"
M = 181°-04'-45"

M-4 METER'S
11.221 @ LEV @ 100° = 11.221
5.715 @ " @ " = 5.715

M-3
49.245 @ LEV @ 84° = 49.245
16.933 @ LEV @ 84° = 16.933

49.245 M.
16.933 M.
11.221 M.
5.715 M.

36.83 REC
36.82 MEAS
18.76 REC
18.75 FT.

FD R.M. No 3
(SEE NEXT PAGE)

1) 18°-30'-00"
4) 74°-00'-00"
M = 18°-30'-00"

FD R.M. No 1
(SEE NEXT PAGE)

1) 199°-34'-45"

55.59 REC
55.555 MEAS
16.933 MTR'S

ASSUMED 0°-00'-00"

TO SAUGUS 21
F.B. 2069

FD SAUGUS G-8
F.B. 947-80
(SEE NEXT PG.)

TAPE 144
36.82 @ LEVEL @ 100° = 36.82
18.745 " " " = 18.745

TAPE 221
166.43 @ LEVEL @ 84° = 166.43
162.67 @ " @ " = 162.67
161.67 @ " @ " = 161.67
55.555 @ " @ " = 55.55

U.S. COAST & GEODETIC SURVEY
CONCURRENCE IN THIS STATION MARK IS NOT FINAL UNTIL APPROVED BY THE DIRECTOR. ADDRESS ALL CORRESPONDENCE TO THE DIRECTOR. REFER TO ABOVE STATION NAME AND NUMBER IN ANY CORRESPONDENCE FOR DISTURBANCE OF THIS MARK.
FOOT
1938

7823093 CK #310 5-58

F.B. 2459 Pg. 20

# L. A. COUNTY SURVEY CONTROL SYSTEM
# TRIANGULATION STATION

## SAUGUS G-8

(USC&GS 341183-1012)

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

**AREA**

THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE SAUGUS AREA, ABOUT 1.8 MILES NORTH OF SAUGUS, 0.75 MILE NORTH WEST OF INTERSECTION SAN FRANCISQUITO CN. RD. AND BOUQUET CN. RD., ON SOUTHERLY SUMMIT OF MAIN RIDGE BETWEEN DRY AND SAN FRANCISQUITO CANYONS 350' ± SOUTH OF POWER LINE (HIGH LINE POLES) CROSSES RIDGE ± 12.5' W & 1.5' N OF S.W. COR SEC 7 T4N R16W USE 7½' QUAD NEWHALL

**ROUTE**

FROM THE INTERSECTON OF NEWHALL & HENRY MAYO RD (OR HOUSE # 23977 HENRY MAYO) DRIVE NORTHLY ALONG DIRT ROAD ON NEWHALL ROAD PROD, 0.7 MILE TO "T" INTER. & HOUSE @ EDGE WASH, STRAIGHT 0.5 MILE UNDER POWER LINES & 2ND "T" INTER, (STRIGHT), 0.6 MILE TO FORK ("T") TURN RIGHT, 0.4 MILE INTO CANYON TO FORK TURN TO LEFT, 0.2 MILE START UP GRADE 0.3 MILE TO TOP RIDGE, TURN RT (SHARPLY) ON TO RIDGE LINE SOUTHERLY 0.2 MILE TO STA.

**STATION MARK**

A 4" U.S.C.&G.S. BRASS TRIANGULATION DISC, STAMPED, "ROOT, 1932, AND SET IN 10" DIA. YELLOW GRANITE BOULDER "FLUSH"

**SUB STATION MARK**

NO REFERENCE TO ONE, NO SEARCH WAS MADE

**REFERENCE MARKS**

**No 1**

A 4" U.S.C.&G.S. BRASS REFERENCE MARK DISC STAMPED, "ROOT, No 1, 1932", SET IN CONC 12" DIA FLUSH

**No 2** NOTE: NOT FOUND

**No 3**

SAME AS No 1 EXCEPT STAMPED No 3, 1932 CAP BRAZED ON 2" I.P. IN 9"x9" PAD & PROJECTING UP 6"

**No 4**

A 4" L.A. CO. SUR. CONTROL SYSTEM BRASS REF. MARK DISC, STAMPED "SAUGUS G-8 R.M.4 1967 RE 55869 IN A 6" CONC POST "FLUSH"

Noted on Index Card ____ Placed on U.S.B.M. Quad Sht. ____ Placed on ____ Div. W.S. No. ____ Sketch on Geod. Descr. Card ____

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

Survey GEODETIC CONTROL F. B. 2459 Pg. 21
JN 0331.00 Tape M-C Std 84 °F
Surveyed by R. C. Wilson
Notes R. C. Wilson Date 2-8-77
Indexed R. E. OTT

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

SAUGUS C-9
(USC&GS)
(241183 - STA 1011)
(DRIVE STATION)

2"X2"
0.4'
LOWER IN ELEV. THAN CTR
20.855 FT
8.491 MTR
3-8-77
SET AUX 1
INTERSECTING LINE PROJ. FROM SAUGUS 38.48 11.727 MTR
N 138°47' 23" E
38.44 FT.
FD RM 3 (11.717 MTR)
(See next Pg)

FD RM 1
(See next Pg)

3.00'
N 46°-34'-45" E
FT
MTR
FD SAUGUS
FD LA.W.D. 2" CAPPED I.P.
(See next Pg)
S 43°-25'-15" E
+68'±

U.S. COAST & GEODETIC SURVEY
IN CORRESPONDENCE REFER TO THE DATA INDICATED HEREON
YUCCA
1933
NATIONAL GEODETIC SURVEY
IN CORRESPONDENCE REFER TO THE DATA INDICATED HEREON

20.845 FT
6.352 MTR
FD SAUGUS C-9
(See next Pg)
F.B. 547-75

Std. Ref. 1168-46

STD @ 68
100' = 0.05
27.855 @ 60 = 27.85
20.845 @ 60 = 20.84
38.48 @ 60 = 38.48
38.44 @ 80' = 38.44

60' DIA
WTR TANK
30' HIGH

TANK RD

50 MTR M-C STD @ 84°
8.491 @ 60° = 8.491 = 27.854 FT
6.352 @ 60° = 6.352 = 20.840 FT
11.730 @ 60° = 11.727 = 38.475 AT
11.717 @ 80° = 11.717 = 38.441 FT

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76F3025 CE 3310 6-62

F. B. 2459 PG. 27 (USC&GS STA 341183-1011)

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## SAUGUS C-9

**AREA:**

THIS STA. IS LOCATED IN LA CO. IN THE CASTAIC JUNCTION AREA (NEWHALL 7½) 2100' N. & 1450' E OF JUNCT. HWY 126 & INTERSTATE 5 ON HILL 1291, IN RANCHO SAN FRANCISCO.

**ROUTE:**

FROM THE INTERSECTION OF OLD HWY 99 & RYE CYN RD.: 0 MILE; @ 0.4 MI TURN RT ON T.T. UNDER PWR LINE; @ 0.7 MI TURN LEFT @ JUNCT; @ 1.0 BEAR RT @ JUNCT AND FOLLOW AROUND BASE OF RIDGE; @ 1.5 MI KEEP STRAIGHT @ CROSS RD; @ 1.6 MI TURN RT @ JUNCT; @ 1.7 MI TURN LFT UNDER POWER LINES AND FOLLOW UPGRADE TO WATER TANK @ 1.8 MILES. STA 70'± NLY OF TANK ON HIGHEST POINT.

**STATION MARK:**

A 4" USC&GS BRASS TRI. DISC STAMPED "YUCCA - 1932" SET IN 12"X12" CONC. PAD UP 10"

**NO SUB-SURFACE MARK:** (REC. OR SEARCH FOR)

**REFERENCE MARKS:**

**No 1:** A 4" USC&GS BRASS REF MARK DISC STAMPED "YUCCA - 1932" AND SET FLUSH IN BOULDER 5' LOWER THAN STA.

**No 2:** NOT FOUND, BRASS

**No 3:** A 4" USC&GS REF MARK DISC STAMPED "YUCCA" - 1932", SET IN 2" PIPE 6" ABOVE GRD, 2' LOWER THAN STA.

L.A.W.D. 2" CAPPED I.P. STAMPED "VALLEY CENTER - L.A.W.D." (WITH DRILL HOLE) SET IN 12"X12" CONC. PAD FLUSH WITH GRD, WITH PIPE PROJECTING 3" ABOVE CONC.

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# GEODETIC CONTROL

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

Survey of CASTAIC AREA
JN 0391 Tape 0135 Set 65 "F"
Surveyed by J. RANDALL
Notes DeLER Date JUL '62
Indexed H. E. ORY

F.B. 2459 Pg. 23

## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

SAUGUS H-5

USC&GS 341183 STA 1013

D 17°-08'-15"

4) 68°-33'-00"

M = 17°-08'-15"

D 199°-59'-00"

4) 79°-55'-30"

M = 199°-58'-53"

TAPE 0135

21.61 @ LEV @ 66° = 21.61 FT.
20.975 @ LEV @ 66° = 20.975 FT.
6.01 @ LEV @ 66° = 6.01 FT.
41.93 @ LEV @ 100° = 41.93 FT.

TAPE M-4 (METER)

12.780 M @ LEVEL @ 100° = 12.780 METERS
6.585 M @ " @ " = 6.585 "
6.391 M @ " @ " = 6.391 "

STA & RM'S DESTROYED

F.D. R.M. No. 1 (SEE NEXT PG.)

ASSUMED 17°-08'-15"

F.D. 1½" I.P. CAPPED AND STAMPED "L.A.W.D. CUT" UP 3"

TO SAUGUS D-5 F.B. 2459-25

ASSUMED 0°-00'-00"

SAUGUS H-5 Per U.S.C.&G.S. 341183 STA 1013

SET RM 5 (SEE BELOW LPF)

F.D. R.M. No. 4 (SEE NEXT PAGE)

F.D. Top broken off

RM 5

A41 LA CO SUR CONT. SY "BRASS REF MARK DISC STAMPED SAUGUS RM 5 1933" SET IN A 4" CONC. POST 2' ABOVE GRD. SET 8' TO RM 1

50 MTR. * M 300' TAPE * LEVEL *
1.541 M = 1.541 M = 14.895' 14.895' = 14.895'

COAST & GEODETIC SURVEY
THIS BRASS CAP MONUMENT IS ONE OF A NETWORK ESTABLISHED BY THE U.S. COAST & GEODETIC SURVEY TO PROVIDE ACCURATE CONTROL FOR HYDROGRAPHIC AND TOPOGRAPHIC SURVEYS
DIRECTIONS TO MONUMENT
DIRT
1932

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2403 LOS ANGELES COUNTY ENGINEERING BLDG.

Map Rec. Index Card
Plat
U.S.G.S. Quad Sht.
Planimetric Sur. Div. W.S.M.
Sketch prepared by

7872OSR CE #310 8-58

F.B. 2459 Pg. 24

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

## SAUGUS H-5

USC&GS 341 183 STA 1013

**AREA**

THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, ABOUT 4 MILES NORTH OF SAUGUS, ON HIGHEST PEAK BETWEEN "DRY" & SAN FRANCISQUITO CANYONS No. OF RD. $1000' WEST & $3400' SOUTH SEC 35 T 5N R 16W (7½ MIN. NEWHALL QUAD A PRINTED TRIANGLE, MARKED 1544

**ROUTE**

FROM THE INTERSECTION OF BOUQUET CYN AND SAN FRANCISQUITO CYN ROAD, DRIVE ALONG SAN FRANCISQUITO CYN. ROAD .2 MI. (PASSING SAN FRANC. SQUITO GUN CLUB ENTRANCE) TO WHERE A LARGE DRAW BEARS NORTHLY, PARK HERE AND HIKE NORTHLY, TO TOP OF RIDGE, STATION IS ON HIGHEST PART.

**STATION MARK**

A ~~STD~~ 4" U.S.C.&G.S. BRASS TRIANGULATION DISC, STAMPED "DRY, 1932" AND SET IN CONC. 8"x8" Post ~~2" PIPE & CAP EXTEND UP 3"~~ 4" UP 6"

**SUB SURFACE MARK**

A ~~STD~~ 4" U.S.C.&G.S. BRASS TRIANGULATION DISC AS U.S.C.&G.S. STATION CARD REFERS TO, NO SEARCH WAS MADE FOR, THIS MARK.

**REFERENCE MARK Nº 1**

A ~~STD~~ 4" U.S.C.&G.S. BRASS REFERENCE MARK DISC, STAMPED "DRY, Nº 1, 1932" AND SET IN CONC. 8"x8" Post ~~WITH 2" PIPE & CAP EXTENDED~~ UP 6"

**REFERENCE MARK Nº 4** FD. TOP BROKEN OFF 10/3/73

SAME AS R.M. Nº 1 EXCEPT STAMPED Nº 4" C" & 2" PIPE & CAP EXTENDED UP ~~THREE~~ INCHES (Azimuth mark disc)

NOTE: SEARCHED FOR R.M.'S Nº 2 & Nº 3 THESE NOT FOUND

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# GEODETIC CONTROL

| | | | |
|---|---|---|---|
| Notes Ck'd by | Survey of CASTAIC AREA | F.B. 2459 | Pg. 25 |
| Map No. | JN 0301.00 Tape 144 Std 84 °F | | |
| Office Work | Surveyed by J. G. RANDALL | | |
| Checked | Notes R. DOVER Date 2 AUG 67 | | |
| Date | Indexed H. E. OTT | | |

Noted ... Index Card
Plotted ... U.S.C.&G.S. Quad. Sheets
... Sur. Div. ...
Sketch on Geo. Desc. Card

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## SAUGUS D-5

USC&GS 118343 STA. 1015

***NOTE:***
THE STATION MARK WAS FOUND 12" ABOVE GROUND, AND VERY UNSTABLE LOWERED MARK 0.98' TO FLUSH (JGR 1967) (USING A PLUMB BENCH)

FD SAUGUS D-5 (LONG) (SEE NEXT PAGE)

F.B. 947-83
732-198

* R.M. 1 to C.E. MON. F.B. Per 947-83

* R.M. 1 to R.M. 3
1) 95-00-00"
4) 19°-59'-45"
M = 94°-59'-56"

TAPE 144
44.395 @ LEVEL @ 80° = 44.395
35.62 @ LEVEL @ 80° = 35.62 FT.
23.605 @ " @ " = 23.605 FT.
1.86 @ " @ " = 1.86 FT.
M-4 (METER)
7.195 @ LEVEL @ 80° = 7.195 MTR.
10.858 @ " @ " = 10.858 MTR.
13.531 @ " @ " = 13.531

U.S. COAST & GEODETIC SURVEY — TRIANGULATION STATION — FOR INFORMATION WRITE TO THE DIRECTOR, WASHINGTON, D.C. — $250 FINE OR IMPRISONMENT FOR DISTURBING THIS MARK — LONG — RESET 1967 — 1932

FD STAMPED "RESET 1967"
3-8-77

76P30098 CE #310 2-66

F.B. 2459 Pg. 26

4

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

## SAUGUS D-5

USC&GS 118343 STA. 1015

## AREA

THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, ABOUT 3.8 MILES NORTH-EASTERLY OF CASTAIC JUNCTION AND ON THE SUMMIT SMALL PEAK NEAR TRANSMISSION LINES, IN SAN FRANSICO RANCHO ON HILL 1643

## ROUTE

# 1150 SOUTH & 1 100 WEST OF S.E. COR SEC 32 T5N R16W
(ON QUAD SHEET NEWHALL 7½ MIN)

FROM THE INTERSECTION OF DRIVEWAY AND SAN FRANCISQUITO CYN. RD. @ HOUSE NUMBER 28515 SAN FRANCISQUITO CYN. RD. 0.6 MI ALONG MAC. DRIVE TO SAN FRANCISQUITO MTY TURN LT. 0.2 MI, LOCK CABLE GATE (L-KEY) 0.9 MI UPGRADE "T" INTER TURN LEFT OF MI. FORK EDISON ROAD & MTY BEAR RT. .2 MI GATE, 0.7 MI TO STA.

## STATION MARK

A ~~STD~~ 4" U.S.C.&G.S. TRIANGULATION MARK BRASS DISC. STAMPED, "LONG, 1932" AND SET IN A GRAY GRANITE BOULDER "FLUSH"

NOTE STA. WAS UP ± 1/2" NOW SET "FLUSH"

## SUB SURFACE MARK

NO REFERENCE TO SUB SURFACE MT., SURFACE MARK WAS LOWERED TO FLUSH & NO EVIDENCE OF A MARK (SUB-SURFACE) WAS FOUND.

## REFERENCE MARK Nº 1

A ~~STD~~ 4" U.S.C.&G.S. REFERENCE MARK BRASS DISC. STAMPED "LONG, Nº 1, 1932" AND CEMENTED TO A GRANITE ROCK UP 5"

~~REFERENCE MARK Nº 2 NOT FOUND - SEARCH WAS MADE~~

## REFERENCE MARK Nº 3

A ~~STD~~ 4" U.S.C.&G.S. REFERENCE MARK BRASS DISC. STAMPED "LONG, Nº 3, 1932" AND SET IN A 6"x6" CONC PAD FLUSH

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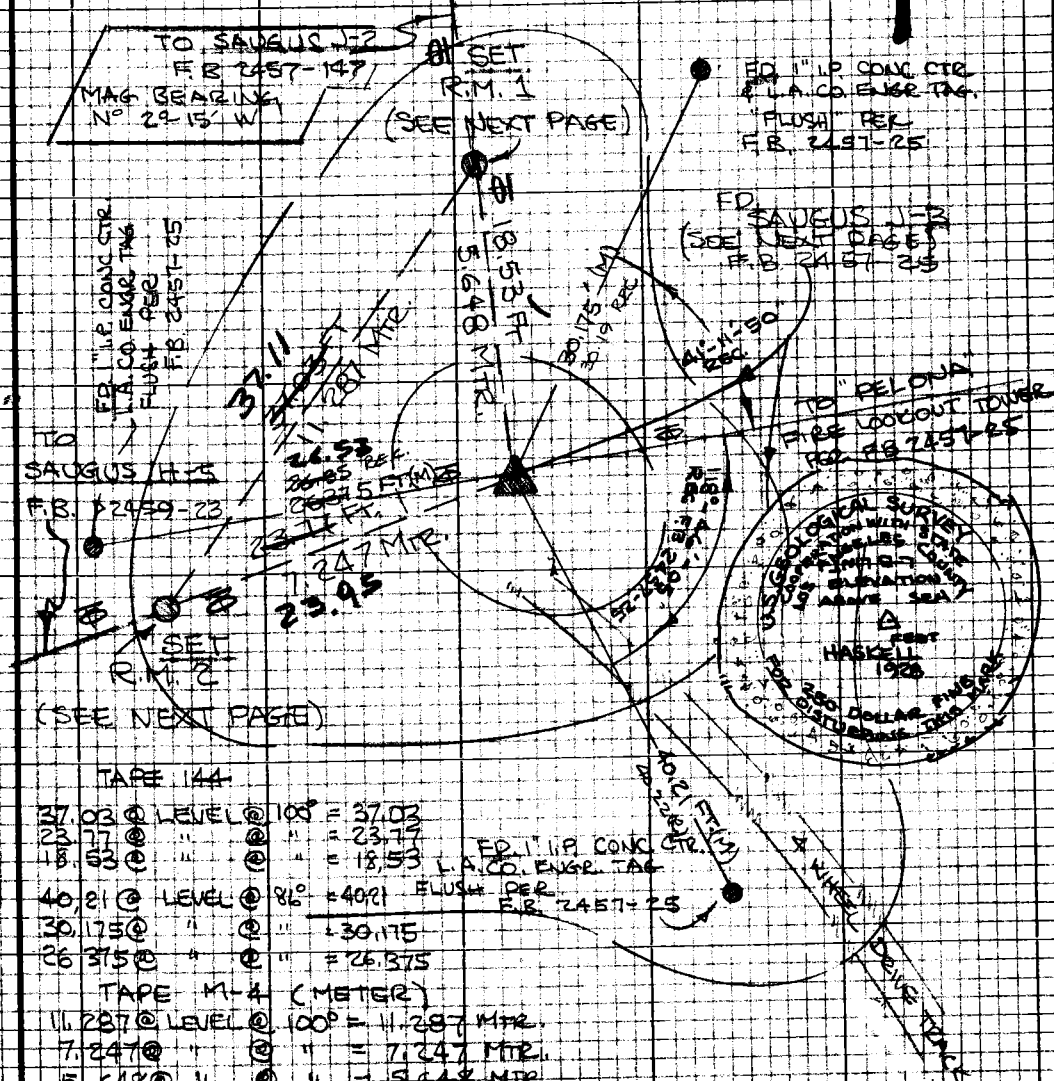
GEODETIC CONTROL

| | | |
|---|---|---|
| Notes Ck'd by | Survey of CASTIAC AREA | F.B. 2459 Pg. 27 |
| Map No. | JN 0301.00 Tape 144 Std 34°F | |
| Office Work | Surveyed by J. G. RANDALL | |
| Checked | Notes R. DOVER Date 8/1/67 | |
| Date | Indexed H. E. OD | |

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

SAUGUS J-3




TAPE 144

37.03 @ LEVEL @ 100° = 37.03
23.77 @ " @ " = 23.77
18.53 @ " @ " = 18.53
40.21 @ LEVEL @ 86° = 40.21
30.175 @ " @ " = 30.175
26.375 @ " @ " = 26.375

TAPE M-4 (METER)

11.287 @ LEVEL @ 100° = 11.287 MTR.
7.247 @ " @ " = 7.247 MTR.
5.648 @ " @ " = 5.648 MTR.

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

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76P3098 CE #310 8-66

F.B. 2459 Pg. 28

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## SAUGUS J-3

## AREA

THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE SAUGUS AREA, BETWEEN HASKELL AND DRY CANYONS ON THE HIGHEST PEAK. A PRINTED TRIANGLE 2025 ELEV. ± 2200' ±30. AND ± 700 EAST OF N.W. COR. SEC 36 T5N R16W ON NEWHALL 7½ MIN QUAD (1958)

## ROUTE

FROM THE INTERSECTION OF BOUQUET AND SAN FRANSIQUITO CANYONS, 1.8 MILES NORTHERLY ALONG SAN FRANSIQUITO CANYON ROAD TILL IT INTERSECTS THE GUN CLUB ROAD, STRAIGHT ALONG THE GUN CLUB ROAD 0.1 MILE ANN ACROSS 1ST CATTLE GUARD, 0.5 MILE AND ACCROSS 2ND GUARD, 0.6 MILE TO DIRT ROAD TURN RIGHT, 0.2 MILE FORK, TURN RIGHT AND START UPGRADE, 0.3 MILE ON SWITCH BACK TO "T" INTERSECTION TURN RIGHT AND UP STEEP TRACKS 0.3 MILE AND PARK, THEN HIKE UPHILL FOLLOWING 4 WHEEL TRACK TO STATION (OR USE 4 WHEEL SCOUT 0.2 MILE UP VERY STEEP TRACKS TO TOP OF RIDGE AND STATION)

## STATION MARK

A 4" U.S.G.S. (COOPERATING WITH STATE) BRASS TRIANGULATION DISC STAMPED "L.B. LINT HASKELL 1928" (UNDER CO-OP WITH STATE) STAMPED "LOS ANGELES COUNTY" SET IN A 6" CONC PAD UP 2" (SEE FRONT RE.)

## REFERENCE MARK Nº 1

A 4" L.A. CO. SURVEY CONTROL SYSTEM BRASS REFERENCE MARK DISC, STAMPED "SAUGUS J-3, R.M.1, 1967 RE. 5869" SET IN A 6" CONC POST UP 4"

## REFERENCE MARK Nº 2

ON LINE TO "SAUGUS-J-2"

SAME AS Nº 1 EXCEPT STAMPED "R.M. 2"

AND ON LINE TO SUAGUS H-5

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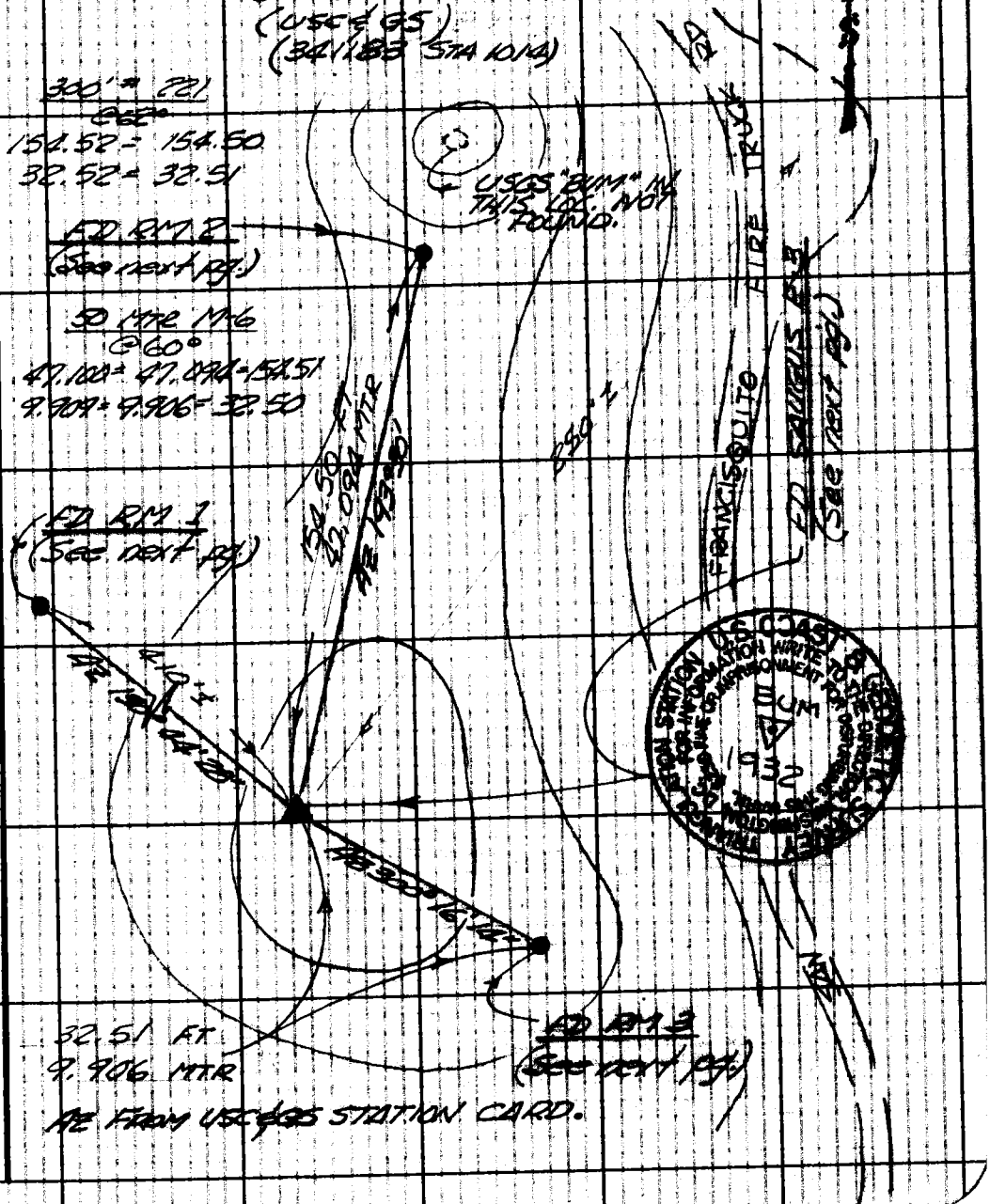
| | | |
|---|---|---|
| Notes Ck'd by | Survey GEODETIC CONTROL | F. B. 2459 Pg. 29 |
| Map No. | UN 0301.00 Tape 221 M-6 Std 84 °F | |
| Office Work | Surveyed by R. C. Wilson | |
| Checked | Notes R. C. Wilson Date 2-18-67 | |
| Date | Indexed H. E. Ott | |

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

SAUGUS E-3
(USC&GS)
(341183 STA 1014)

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

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76F309S CE #310 6-62

F. B. 2459 Pg 30

# GEODETIC CONTROL
## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## SAUGUS E-3

**AREA:** (USC&GS 341183 - 1014)

THIS STA IS LOC. IN L.A. CO. IN THE CASTIC AREA, IN THE N.W. 1/4 OF SECT 33 T5N R16W, 1950'E & 950'S. OF THE N.W. COR. (NEWHALL 7½') ON KNOB 1872, 218' SO. OF OLD USGS "BUM", WHICH HAS BEEN DESTROYED.

**ROUTE:**

FROM THE INTERSECTION OF BOUQUET CANYON RD. & SAN FRANCISQUITO CN. RD., PROCEED NORTH'LY ON SAN FRANCISQUITO CN. RD. 2.9 MI. TO HOUSE № 28515 (7 RANCH GATE), TURN LEFT HERE AND DRIVE ALONG PAVED RD. CROSSING DRY WASH, 0.6 MI. TO SAN FRANCISQUITO MTW. ON THE LEFT, TURN LEFT AND FOLLOW MTW. 0.2 MI. TO CABLE GATE, CONTINUE UP-GRADE 0.9 MI. TO "T" INTERSECTION, TURN RIGHT (NORTH'LY) UP-GRADE AND CONTINUE 0.2 MI. TO SHARP LEFT CURVE, PARK HERE AND HIKE SOUTH'LY ALONG RIDGE TOP 250' ± TO STA.

**STATION MARK:**

A 4" USC&GS BRASS TRI DISC STAMPED "BUM 1932" SET IN 12" BOULDER FLUSH. NO SURFACE MARKS. REC.

**REF. MARKS:** USC&GS

RM 1: A 4" BRASS REF MARK DISC STAMPED "BUM NO 1 1932" 410' DIST ACROSS DRAW ON DISTANT RIDGE. NOT MEASURED.

RM 2: SAME AS 1, STAMPED "BUM NO 2 1932" SET IN BOLDER ON TOP OF SPUR, FLUSH.

RM 3: SAME AS 1, STAMPED "BUM NO 3 1932", SET IN 2" DIA. PROJ. 12" ABOVE GRD.

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# GEODETIC CONTROL

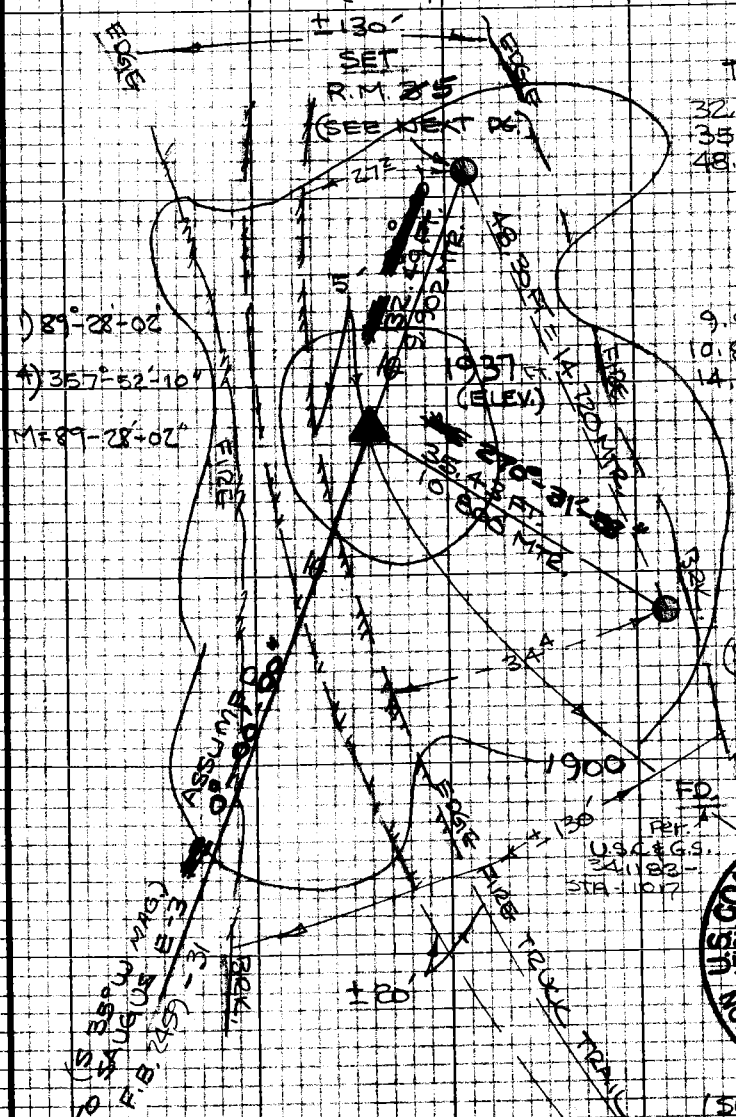
| | |
|---|---|
| Notes Ck'd by | Survey of CASTIC AREA |
| Map No. | JN 0301.00 Tape 144 M-4 Std 84 °F |
| Office Work | Surveyed by J.G. Randall |
| Checked | Notes R. DOVER Date 31 JULY 67 |
| Date | Indexed H. E. OTT |

F.B. 2459 Pg. 31

## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

SAUGUS F-1

(USC&GS 341183-1017)




TAPE 144

32.49 @ LEV @ 96° = 32.49
35.43 @ " @ " = 35.43
48.30 @ " @ " = 48.30

M-4 (METER)

9.902 @ LEV @ 96° = 9.902
10.800 @ " @ " = 10.800
14.720 @ " @ " = 14.720

U.S. COAST & GEODETIC SURVEY
TRIANGULATION STATION
FOR INFORMATION WRITE TO THE DIRECTOR, WASHINGTON, D.C.
$250 FINE OR IMPRISONMENT FOR DISTURBING THIS MARK.
STEER
1932

(SEE NEXT PAGE)

Noted on Geo. Index Card ✓
Placed on U.S.G.S. Quad Shts.
Placed on Bur. Div. W.S. No.
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76P3095 CK #310 5-66

F.B. 2459 Pg. 32

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## SAUGUS F-1
(USC&GS 341183 STA 1017)

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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## AREA

THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, ABOUT 6 MILES NORTH+ NORTHWEST OF SAUGUS, ON A FIRE BREAK ON A FLAT RIDGE NEAR HEAD OF TAPIA & CHARLIE CANYONS, NEAR ELEV. MARK 1937 FT. PRINTED ON NEWHALL 7½' QUAD, ± 550' NO. AND ± 1550 E OF S.W. COR., SEC. 22 T5N R16W A PRINTED △

## ROUTE

FROM THE INTERSECTION OF SAN FRANCISQUITO CANYON ROAD & DRIVEWAY @ 28515 SAN FRANCISQUITO CYN. RD, .6 MI ALONG MAC DRIVE TO SAN FRANCISQUITO MTY. (LT. TURN) 0.2 MI UPGRADE TO CABLE GATE (1 KEY) 0.9 MI. UPGRADE TO "T" INTER 2.15 MI. UPGRADE TO STA (RT. TURN @ "T")

## STATION MARK

A ~~BCB~~ 4" U.S.C. & G.S. TRIANGULATION ~~MARK~~ BRASS DISC STAMPED, "STEER, 1932" AND SET "FLUSH" IN A BOULDER

## SUB SURFACE MARK

"U.S.C. & G.S. STATION CARD REFERS TO NO SUB SURFACE PT. NO SEARCH FOR ONE WAS MADE.

## REFERENCE MARK No 3

A ~~STA~~ 4" L.A. CO. SURVEY CONTROL SYSTEM BRASS REFERENCE MARK DISC. STAMPED, "SAUGUS F-1, R.M. 3, 1967, RE 5869" AND SET IN A 12" × 12" CONC PAD, UP 8" ON LINE

## REFERENCE MARK No A-10

PROD FROM SAUGUS E-3

SAME AS R.M. 3 EXCEPT STAMPED "R.M. 2 & 4" NOT ON LINE TO ANY STATION (SEE FROM)

NOTE: SEARCHED FOR R.M.'s No 1 & No 2 NOT FOUND
RM #3 destroyed
RM #4 Not found. Az. MK Recovered OK

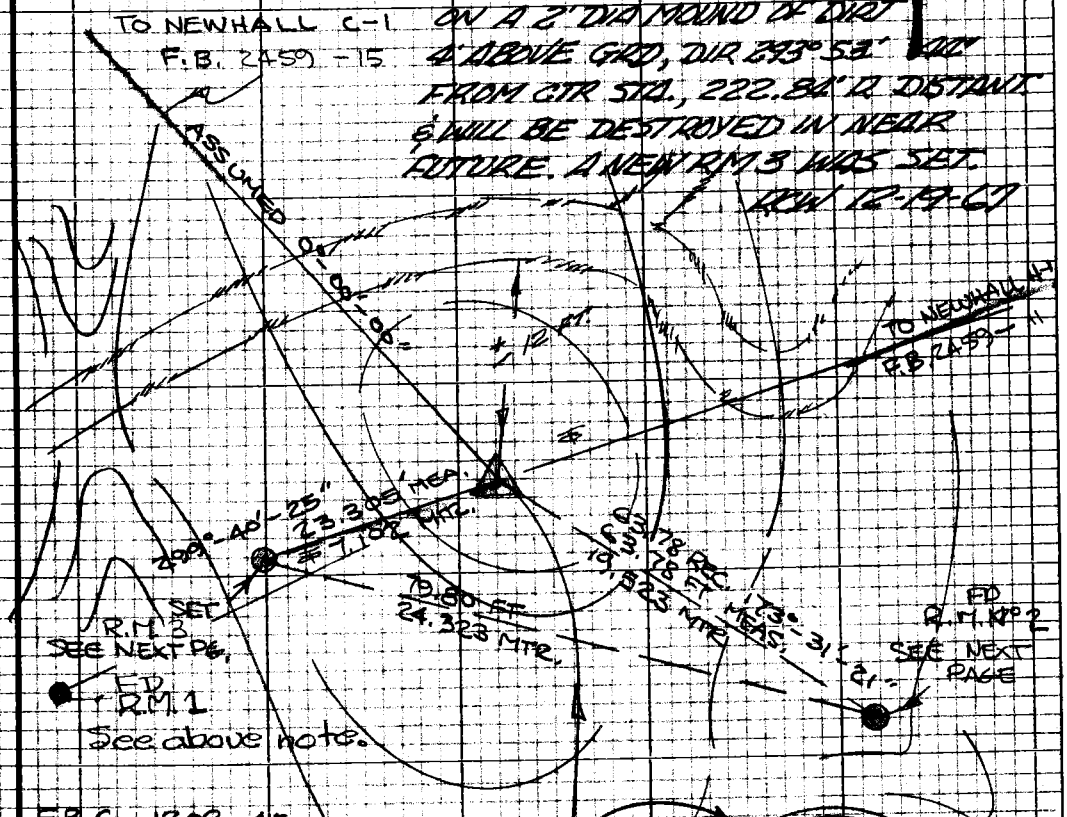
| | |
|---|---|
| Notes Ck'd by | Survey of Geodetic Control |
| Map No. | JN 0301.00 Tape 144 Std 84 °F |
| Office Work | Surveyed by J. RANDALL |
| Checked | Notes DOVER Date 22 AUG 67 |
| Date | Indexed H. E. OD |

F.B. 2459 Pg. 33

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

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## NEWHALL E-3

NOTE: RM 1 WAS FOUND ON A 2' DIA MOUND OF DIRT 4' ABOVE GRD, DIR 293° 53' 44" FROM CTR STA., 222.84' R DISTANT & WILL BE DESTROYED IN NEAR FUTURE. A NEW RM 3 WAS SET.
RCW 12-19-67




F.B. G-1202-45
FOR ANGLE

TAPE 144

23.305 @ LEVEL @ 106° = 23.305
79.935 @ 3°-27' @ 104° = 79.800
79.92 @ 3°-12 @ 104° = 79.805
64.045 @ 5°-17' @ 104° = 63.782

TAPE M-4

7.102 @ LEVEL @ 106° = 7.102 MTR. = 23.300
24.320 @ 3°-27' @ 104° = 24.323 MTR. = 79.799
19.520 @ 5°-17' @ 104 = 19.440 MTR = 63.779

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
NEWHALL E-3
1956
CO. SET BY ENGR.
R.E. 5869
FOR INFORMATION
LOS ANGELES COUNTY ENGINEER

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.

76P3095 CK #310 8-66

F.B. 4455 Pg 34

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

# NEWHALL E-3

## AREA

THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE NEWHALL AREA, 2000± FEET EAST OF THE FREEWAY (GOLDEN STATE) 1500± FEET NORTH EASTERLY OF THE INTERSECTION OF WILEY CANYON ROAD & LYONS AVE, ON THE MAIN RIDGE BETWEEN LYONS AVE, AND THE GOLF COURSE A HILL MARKED 1462 (ELEV.) ON NEWHALL 7½ MIN QUAD (1958)

## ROUTE

FROM THE INTERSECTION OF LYONS AVE AND WILEY CYN. ROAD, WESTERLY 0.05 MILE TO CHURCH DRIVEWAY, PARALLEL DRIVEWAY ON EAST SIDE 0.1 MILE FORK RIGHT TO NEXT FORK ± 200' TURN LEFT 0.3 MILE UPGRADE TO TOP RIDGE TURN RIGHT AND 0.1 MILE TO STA. OR GO DOWN GRADE TO SHARP TURN-AROUND AND TAKE STEEP TRACKS TO RIGHT 0.2 MILE TO STATION

## STATION MARK

A 4" L.A. CO. SURVEY CONTROL SYSTEM BRASS TRIANGULATION DISC STAMPED "NEWHALL E-3, 1956 RE 5869" AND SET IN 12"x12" CONC. PAD UP 8" NO SUB-SURFACE MARK

## REFERENCE MARK Nº 2

See note pg. 35 re: RM 2

A 4" L.A. CO SURVEY CONTROL SYSTEM BRASS REFERENCE MARK DISC, STAMPED "NEWHALL E-3 R.M. NO. 2, 1956, RE 5869" UP 8" AND SET IN A 12"x12" CONC PAD.

## REFERENCE MARK Nº 3

SAME AS NO. 2 EXCEPT STAMPED "R.M. 3 & 1967". ON LINE PROD FROM NEWHALL H-1

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

Survey of Chatsworth - Castaic
JN Tape Std °F
Surveyed by RCW LGA
Notes RCW Date 9-29-67
Indexed

F. B. 2459 Pg. 35

# CHATSWORTH - CASTAIC
# FIRST ORDER CONTROL
# AUG - SEPT
# 1967

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| | |
|---|---|
| WILSON | RANDALL |
| ADAMS | DOVER |
| TULLIER | PYLE |
| COCKERHAM | MARTINEZ |
| MAHER | |

76F309S CE#310 1-65

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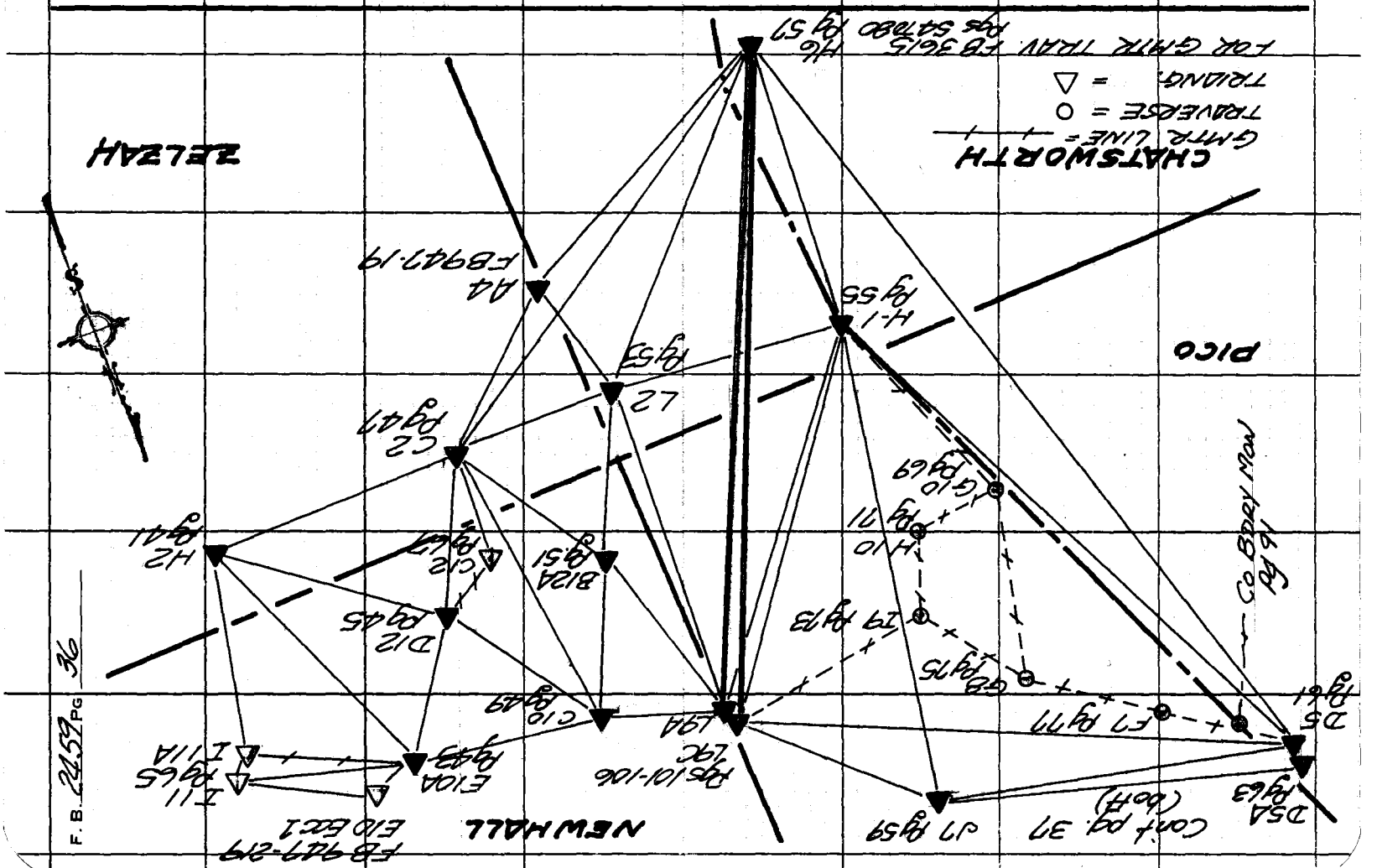
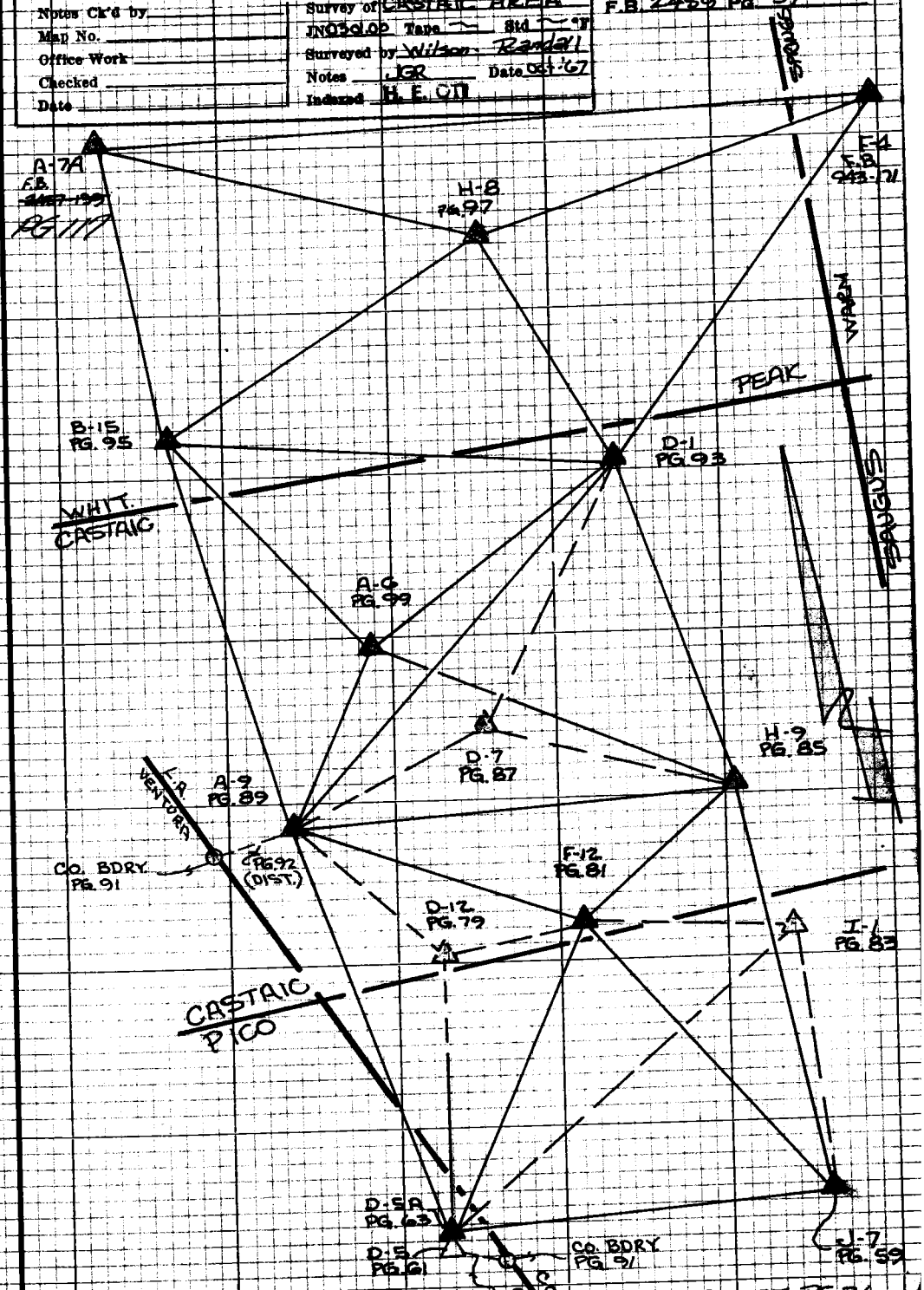



F. B. 2459 PG 36

| | |
|---|---|
| Notes Ck'd by | Survey of CASTAIC AREA |
| Map No. | JN0301.00 Tape ~ Std ~ °F |
| Office Work | Surveyed by Wilson Randall |
| Checked | Notes JGR Date Oct '67 |
| Date | Indexed H. E. CTI |

F.B. 2459 Pg. 37




CONTINUED RT. PG. 36

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76P3098 CE #310 5-66

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FB 2459 Pg 38

| | |
|---|---|
| Notes Ck'd by | Survey of Geodetic Control |
| Map No. | JN0000 Tape ~ Std ~ "F |
| Office Work | Surveyed by Wilson - Randall |
| Checked | Notes YR Date 04-67 |
| Date | Indexed |

F.B. 2459 Pg. 39

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7SP3095 CK #310 5-66

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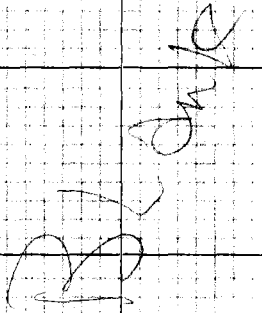
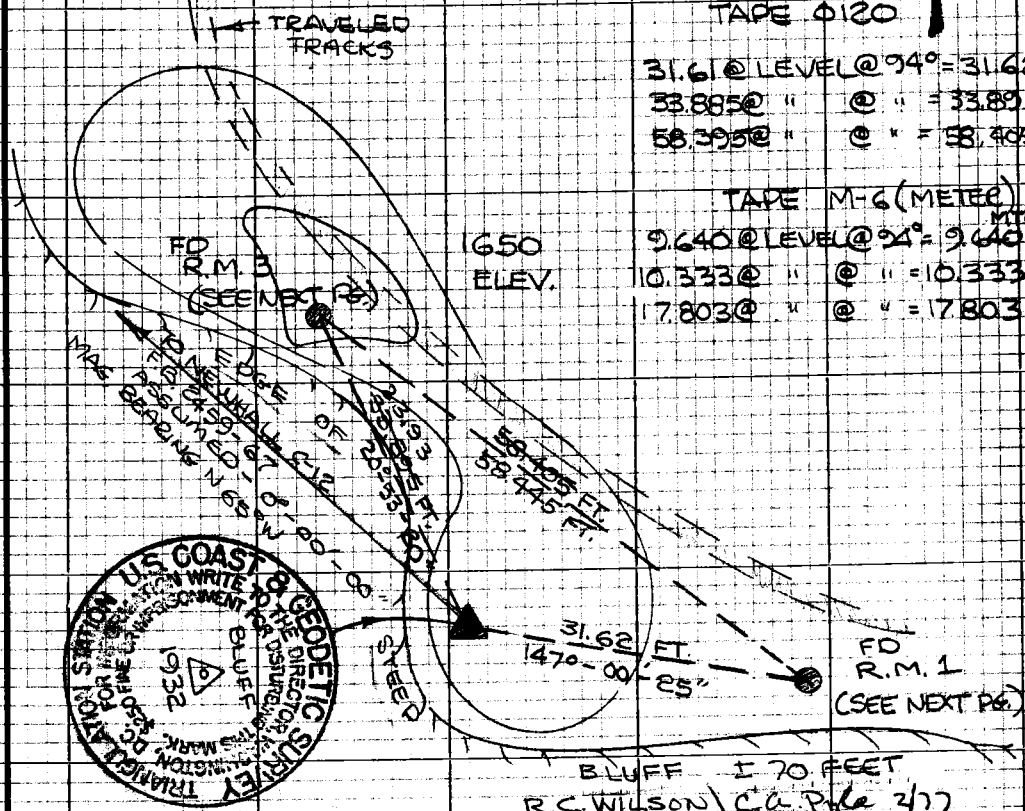


F.B. 2450 Pg. 40

| | |
|---|---|
| Notes Ck'd by | Survey of GEODETIC CONTROL F.B. 2459 Pg. 41 |
| Map No. | JN 0301.00 Tape ~ Std ~ °F |
| Office Work | Surveyed by J. G. RANDALL |
| Checked | Notes R. DOVER Date 11 AUG 67 |
| Date | Indexed H. E. OTT |

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## ZELZAH H-2
(U.S.C.&G.S. 341183-1001)




TAPE 0120

31.61 @ LEVEL @ 94° = 31.62
33.885 @ " @ " = 33.895
58.395 @ " @ " = 58.405

TAPE M-6 (METER)

9.640 @ LEVEL @ 94° = 9.640 MTRS
10.333 @ " @ " = 10.333 "
17.803 @ " @ " = 17.803 "

BLUFF ± 70 FEET
R.C. WILSON \ C.A. Pyle 2/77

300' TAPE # 221
LEV @ 54

31.645' = 31.635'
33.94' = 33.93'
58.46' = 58.45'
50 MTR. # M6
17.816M = 17.813M = 58.44'
10.344M = 10.341M = 33.927
9.644M = 9.641M = 31.63

FD
ZELZAH H-2
F.B. 947-11
(SEE NEXT PAGE)

SEE F.B.-G. 1201-49
FOR ANGLES

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

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76P3095 CE #310 5-66

F.B. 2459 Pg. 42

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## ZELZAH H-2
(U.S.C. & G.S. 341183-1001)

## AREA

THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE PORTER RANCH AREA, ON A HIGH BLUFF AT THE EAST END OF HORSE FLATS, BETWEEN ALISO AND LIMEKILN CANYONS, A PRINTED TRIANGLE AND ELEV. 1650 ON QUAD SHEET OAT MT. 7½' MIN. 1952. ±3000' N & 1400' W OF THE S.E. COR. SEC 3 T2N R16W

## ROUTE

FROM THE INTERSECTION OF TAMPA AVE. AND BRAEMORE RD. TRAVEL EASTERLY ON BRAEMORE 0.8 MILE PAST ~~BRAEMORE~~ BOWMORE AVE TO AND INTER-SECTION (UNDER CONSTRUCTION) PAVEMENT ENDS, TURN RIGHT(S) TRAVEL ±100 FT, TURN RIGHT ± 200 FT(W) TO BASE OF SMALL HILL, TRAVEL UPGRADE ±300' (S'ly) TO HIGHEST PART OF HILL TURNING TO LEFT (E'ly) AND TO STATION ON TRAVELED TRACKS,

## STATION MARK

A 4" U.S.C. & G.S. BRASS TRIANGULATION DISC. STAMPED "BLUFF 1932" AND UP 8" SET IN A 12"X12" CONC. PAD,

## SUB SURFACE MARK

NOT RECOVERED - NO REFERENCE

## REFERENCE MARKS

**Nº 1**

A 4" U.S.C. & G.S. BRASS REFERENCE MARK DISC. STAMPED "BLUFF NO 1 1932" UP 4" AND SET IN A 12"X12" CONC. PAD

**Nº 2**

SEARCHED FOR, NOT RECOVERED,

**Nº 3**

SAME AS Nº 1 EXCEPT STAMPED "NO 3" AND FLUSH WITH GROUND IN A 8" DIA. (APROX) CONCRETE PAD (FORMED)

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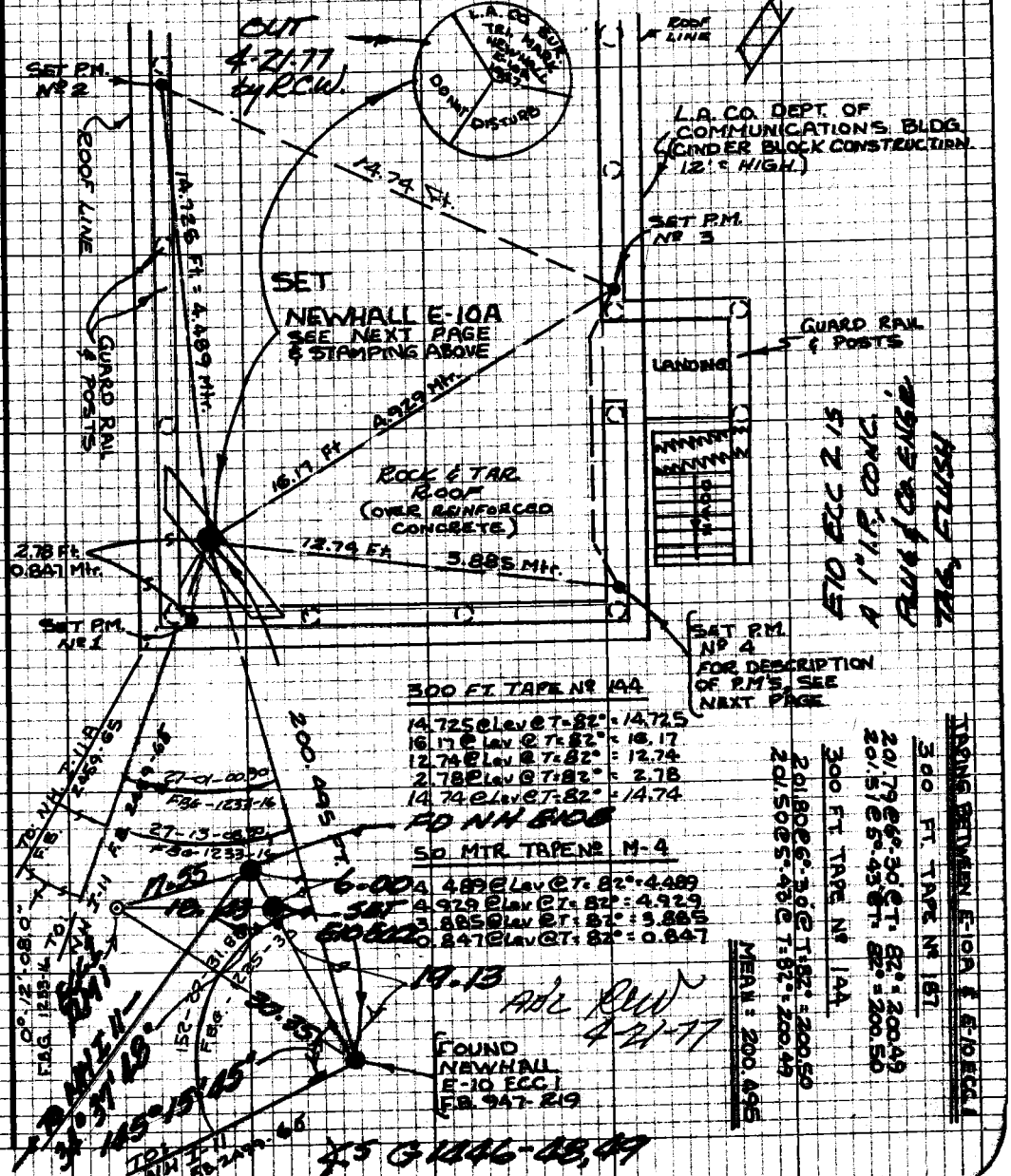
| | |
|---|---|
| Notes Ck'd by | Survey of Geodetic Control |
| Map No. | JN0301.00 Tape M-4 Std 84 °F |
| Office Work | Surveyed by J.G. Randall |
| Checked | Notes JGR Date 26-Sep-67 |
| Date | Indexed C.J. GALLI |

F.B. 2459 Pg. 43

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

## NEWHALL E-10A




TAPING BETWEEN E-10A & E-10 ECC 1

300 FT. TAPE Nº 187

201.79 @ 6°-30' @ T=82° = 200.49
201.51 @ 5°-43' @ T=82° = 200.50

300 FT. TAPE Nº 144

201.80 @ 6°-30' @ T=82° = 200.50
201.50 @ 5°-43' @ T=82° = 200.49

MEAN = 200.495

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3095 CE #310 5-66

F.B. 2459 Pg. 44

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## NEWHALL E-10A (DESTROYED) 4/21/77

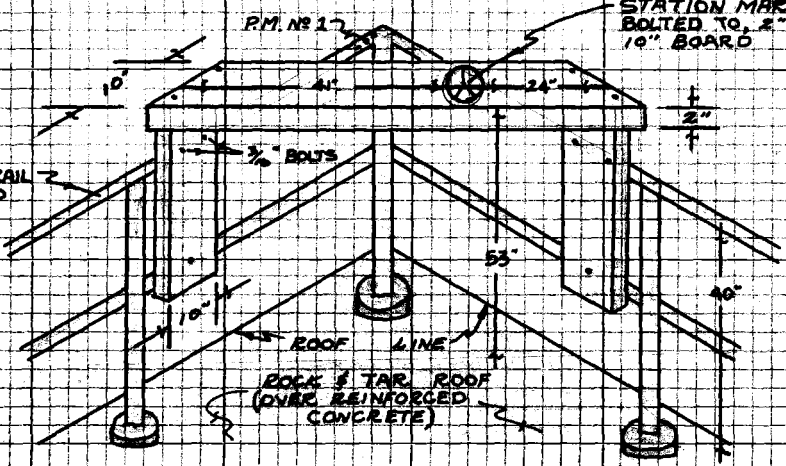
**AREA:** THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY, IN THE SANTA SUSANA MTNS. 4.2 MI. N.E. OF THE CITY OF CHATSWORTH. 1900' E. & 1400' S. OF THE N.E. COR. OF SEC. 28 - T3N - R16W. ALSO 2.1 MI. E. OF OAT MTN. FIRE L.O. And on the roof of an L.A. Co. Communic. Dept. Bldg.

**ROUTE:** FROM THE INTERSECTION OF DEVONSHIRE & TAMPA, DRIVE NORTHLY ON TAMPA 2.2 MI. TO ~~THE WATER~~ (Getty) OIL CO. RD. ON LEFT, 150' PAST BRAEMORE ST., TRAVEL ON OIL CO RD 0.4 MI. to GATE, (L-KEY). DRIVE UPGRADE 2.2 MI. THROUGH OIL FIELDS TO SUMMIT, FROM HERE BEAR RIGHT AT INTERSECTION (UP-GRADE) 0.4 MI. TO COMMUNICATIONS BUILDING. AND STATION ON TOP (ROOF)

**STATION MARK:** AN 8" DIAMETER, 3/8" THICK, ALUMINUM PLATE, STAMPED "L.A.CO. SUR., TR. MARK, NEWHALL, E-10A, 1967" DO NOT DISTURB" AND MOUNTED TO TWO 2"x10" BOARD AS SHOWN IN DETAIL BELOW. NO SUB-SURFACE MARK SET, ALSO NO MARK SET IN THE ROOF.

**DETAIL OF P.M.'S** P.M. Nº 1 THROUGH Nº 4, ARE PUNCH MARKS IN GALVANIZED PIPE RAILING AROUND THE EDGE OF THE ROOF, DETAIL IS AS SHOWN TO THE RIGHT →

DETAIL OF STATION MARK & BRACKET

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# GEODETIC CONTROL

| | |
|---|---|
| Notes Ck'd by | Survey of |
| Map No. | JN 0301.00 Tape 0120 M-6 Std 84 °F |
| Office Work | Surveyed by J. RANDALL |
| Checked | Notes R. DOVER Date 23 Aug 67 |
| Date | Indexed H. E. OTT |

F.B. 2459 Pg. 45

Noted on Geo. Index Card
Placed on B.S. Quad. Sets
Placed on Div. W.S. No.
Sketch on Geo. Desc. Card

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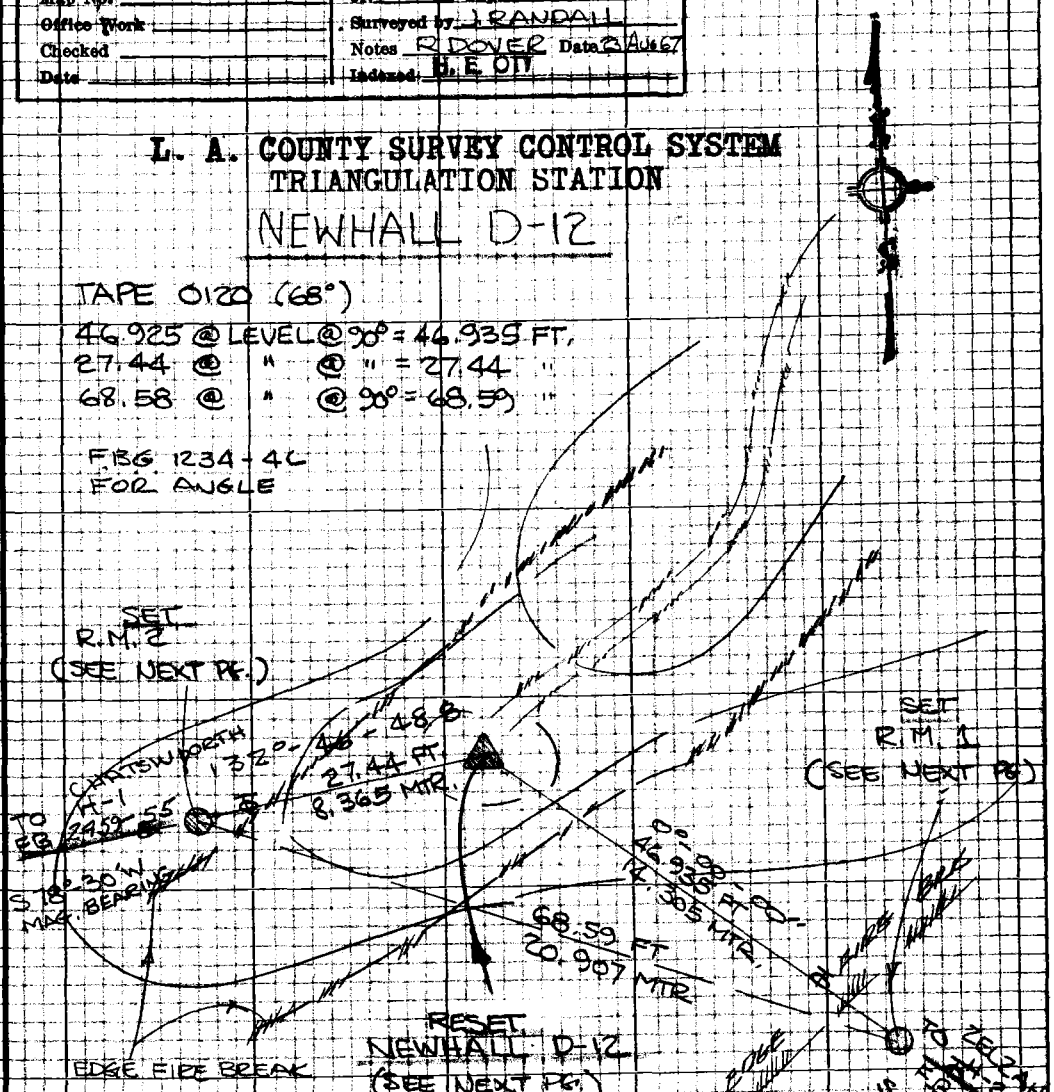
## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## NEWHALL D-12

TAPE 0120 (68°)
46.925 @ LEVEL @ 90° = 46.935 FT.
27.44 @ " @ " = 27.44 "
68.58 @ " @ 90° = 68.59 "

FBG 1234-4C
FOR ANGLE




TAPE M-6 (METER) 84°
14.305 @ LEVEL @ 90° = 14.305 MTR.
8.365 @ " @ " = 8.365 MTR.
20.907 @ " @ " = 20.907 MTR.

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
ZELZAH D-12
NEWHALL
1967
SET BY
R.E. 5869
FOR INFORMATION
LOS ANGELES COUNTY ENGINEER

FOUND A 2" I.P. PRE MIX
CTR. WITH 60d SPIKE UP 3"
PER F.B. 947-27
REPLACED ~~RESET~~ TRIANGULATION MARK
SHOWN ABOVE (USED PLUMB BENCH)

76P3098 CR #310 5-66

F.B. 2969 Pg. 46

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

## NEWHALL D-12

### AREA

THIS TRIANGULATION STATION IN LOCATED IN LOS ANGELES COUNTY, IN THE SANTA SUSANA MTS. IN THE PORTER RANCH OIL FIELDS AREA, NEAR THE SESNON FEE OIL FIELD OFFICE & STORE HOUSE, ON A RIDGE, JUST BELOW SAID OFFICE 0.12 MILE, IN THE CTR OF A FIRE BREAK ~~± 1600' So. AND ± 750' E OF NW COR. SEC. 33 T3N R16W~~ 1952 OAT MT. QUAD 7½ MIN.

### ROUTE

FROM THE INTERSECTION OF DEVONSHIRE ST. AND TAMPA AVE, 2.2 MILES ALONG TAMPA TO OIL FIELD ROAD ON LEFT, TURN LEFT ONTO OIL FIELD ROAD ± 400' TO LOCKED PIPE (L-KEY) GATE, THRU GATE AND 0.6 MILE PAST 1ST MAC. PVMT (TURNING UPGRADE) TO A 2ND FORK TAKE MAC PVMT ROAD RIGHT OR UPGRADE THRU 2ND PIPE GATE (L-KEY IF NEEDED) 1.1 MILE PAST 2ND TURNOFF FOLLOWING SESNON FEE SIGN TO "T" INTERSECTION, TURN RIGHT 90° 0.3 MILE TO DIET ROAD SOUTHWESTERLY OF (SESNON FEE) OFFICE, AND OUT RIDGE (DOWNGRADE), 0.2 MILE TO STATION, MARKED WITH YELLOW PIPE

### STATION MARK

NOTE: STAMPED WRONG & CHANGED?
A 4" L.A.CO.SUR. CONTROL SYSTEM BRASS TRIANGULATION DISC. STAMPED "NEWHALL ~~ZELZAH~~ D-12 1967 [redacted], RE. 5869, UP 8" AND SET IN A 12"x12" CONC PAD.

### REFERENCE MARK Nº 1

NOTE: STAMPED WRONG? CHANGED
A 4" L.A. CO. SUR. CONTROL SYSTEM BRASS REFERENCE MARK DISC, "STAMPED" NEWHALL ~~ZELZAH~~ D-12 R.M. 1 1967 RE 5869" UP 8" & SET IN A 12"X12" CONC PAD.

### REFERENCE MARK Nº 2

NOTE: STAMPED WRONG & CHANGED
SAME AS R.M. 1 EXCEPT STAMPED "R.M. 2"

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# GEODETIC CONTROL

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

Survey of CASTIAC AREA 0120 68°
JN 0301.00 Tape M-6 Std 84° F
Surveyed by J. RANDALL
Notes R. DOVER Date 9-12-67
Indexed H. E. ON

F. B. 2450 PG. 47

Noted on ☐ Index Card
Placed on ☐ U.S. Quad Shts.
Plotted on ☐ Riv. W.S. No.
Punched on ☐ Geod. Desc. Card

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## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## ZELZAH C-2

TO NEWHALL C-12
FB 2459 - 67

1) 92°-12'-45"
4) 08°-51'-15"
AVG = 92°-12'-49"

SET
R.M.1
(SEE NEXT PAGE)

92°-12'-49"
48.90 FT.
14.904 MTR'S
41.66 FT.
12.697 MTR'S

TO CHATSWORTH
H-1

F.B. 2459 - 55

SET
R.M.2
(SEE NEXT PAGE)

24.055 FT.
7.334 MTR'S

SET
ZELZAH C-2
SEE NEXT PAGE
F.B. 247-15

TAPE 0120

41.65 @ LEVEL @ 96° = 41.66 FT.
24.055 @ " @ " = 24.055 FT
48.89 @ " @ " = 48.90 FT.

TAPE M-6

| | | | |
|---|---|---|---|
| 12.697 MTR | @ LEVEL @ | 96° = | 12.697 MTR'S |
| 7.334 MTR | @ " @ | 96° = | 7.334 MTR'S |
| 14.904 MTR | @ " @ | 96° = | 14.904 MTR'S |

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
ZELZAH C-2
1967
B.F. 5869
SET BY
FOR INFORMATION
SEE COUNTY ENGINEER

FOUND A 2" I.P. PRE MIX CTR & 60 d Spike
Up 3", RESET ABOVE TRIANGULATION
MARK AS SHOWN ABOVE (USED PLUMB BENCH)

76F309S CE # 310 3-61

F. B. 2459 PG 48

# GEODETIC CONTROL
## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## ZELZAH C-2

**AREA**

THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, 2.6 MILE NORTHEASTLY OF CHATSWORTH, MIDWAY BETWEEN BROWN CYN & TAMPA AVE, ON THE MOST SOUTHERLY OF THREE KNOBS ON PROMINENT PEAK ELEV, 1820' ±

**ROUTE**

±2100' So. & 2200 W N.E. COR SEC 5 T2N R16W 1952 OAT MT QUAD 7½ MIN.
FROM THE INTERSECTION OF DEVONSHIRE & TAMPA AVE. 2.9 MILES ON TAMPA TO OIL FIELD ROAD (TIDEWATER) TURN LEFT & DOWNGRADE TO LOCKED GATE ON LEFT (L-KEY) 0.5 MILE TO "Y" INTER. (LEFT) 0.8 MILE ALONG DIRT ROAD ACROSS OPEN FIELD ON NORTH SIDE (DOWNGRADE) TO CREEK CROSSING, ACROSS CREEK & UPGRADE 0.4 MILE TO WHEEL TRACKS ON LEFT, "PARK" ± 1800 FT HIKE OR (4 WHEEL DRIVE 0.2 MILE UP TRACKS PARK 800 ± FT HIKE)

**STATION MARK**

A 4" L.A. COUNTY SURVEY CONTROL SYSTEM BRASS TRIANGULATION DISC. STAMPED "ZELZAH C-2, [redacted] 1967, R.E. 5869" UP 4" AND SET IN A 6" CONC. POST

**REFERENCE MARK Nº 1**

A 4" L.A. CO. SURVEY CONTROL SYSTEM BRASS REFERENCE MARK DISC STAMPED "ZELZAH - C-2 R.M. 1, 1967, R.E. 5869" UP 6" AND SET IN A 6" CONC POST

**REFERENCE MARK Nº 2**

SAME AS Nº 1 EXCEPT STAMPED "R.M. 2"

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403 Los Angeles County Engineering Bldg.
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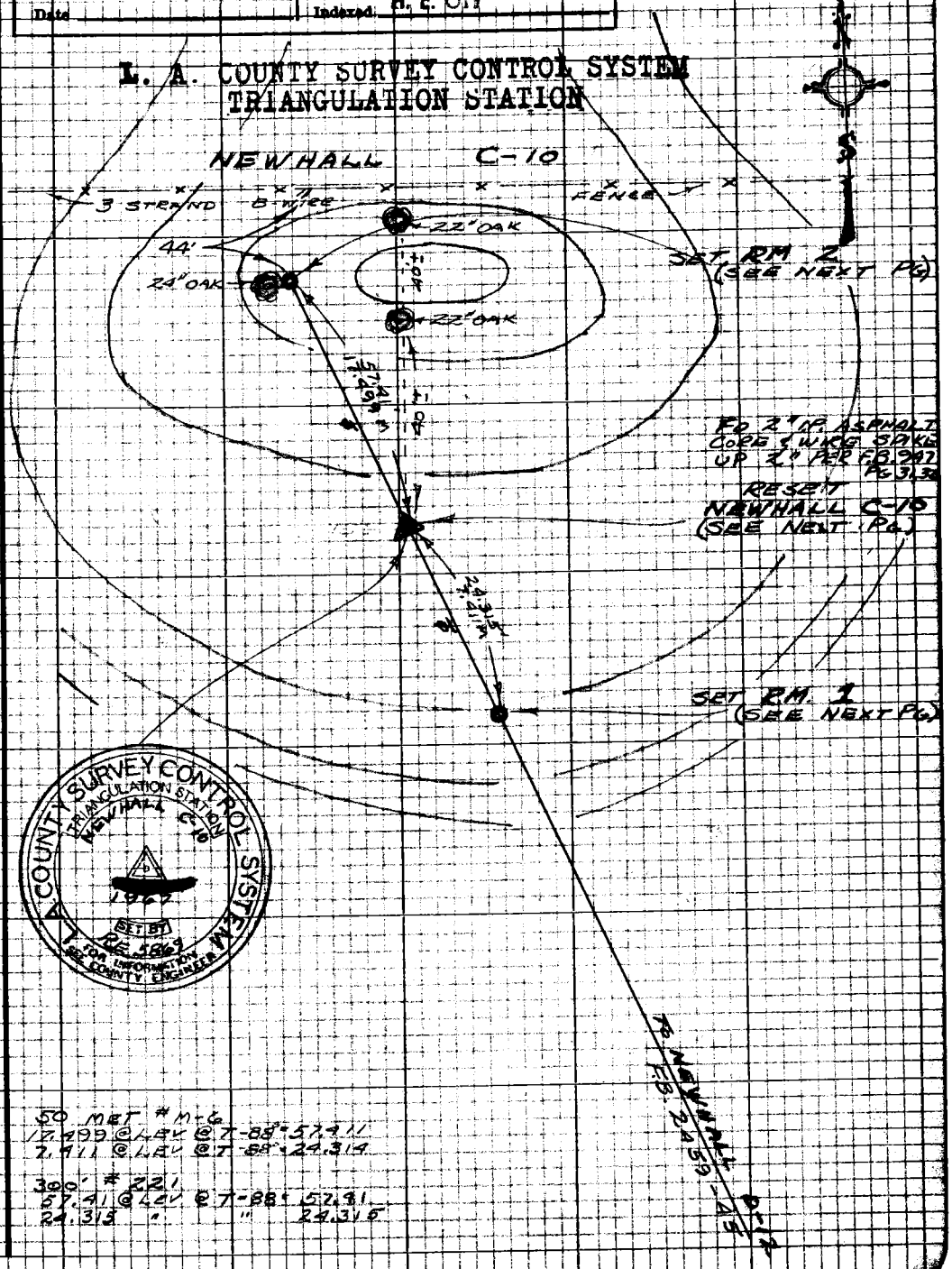
| | | |
|---|---|---|
| Notes Ck'd by | Survey of PICO CN RD | F.B. 2459 Pg. 49 |
| Map No. | JN 009211 Tape M-6 221 Std 84 °F | |
| Office Work | Surveyed by ADAMS | |
| Checked | Notes ADAMS Date 9-11-67 | |
| Date | Indexed H. E. OTT | |

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION




50 MET # M-6
17.499 @ LEV @ T-88° = 57.411
7.411 @ LEV @ T-88° = 24.314

300' # 221
57.41 @ LEV @ T-88° = 57.41
24.315 " " 24.315

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

76P3098 CE #310 8-66

F.B. 2459 Pg. 50

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## NEWHALL C-10

**AREA** THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY IN THE SANTA SUSANA MOUNTAINS, APPROX. 2250' EAST OF THE S.W. COR OF SEC. 20, T 3 N - R 16 W, ON A NOSE SOUTH OF & SLIGHTLY LOWER THAN THE MAIN RIDGE

**ROUTE** FROM THE INTER. OF DEVONSHIRE BLVD & TAMPA AVE., TRAVEL N. ON TAMPA 2.9 MI. TO BRAEMORE ST, 150' PAST BRAEMORE, TURN LT. @ TIDEWATER OIL CO RD. FOLLOW PAVED RD, UPHILL, 0.4 MI. TO GATE (L-KEY), THEN 0.9 MI. TO "Y", LT @ "Y" 0.1 MI. TO "Y", LT @ "Y" 0.95 MI. TO "Y", LT @ "Y" 0.1 MI. TO "Y", LT @ "Y" 0.55 MI. TO "Y", RT @ "Y" 0.3 MI TO TOP OF RIDGE & "Y", LT @ "Y" 1.1 MI. TO "Y", RT @ "Y" 0.2 MI. TO "Y", RT @ "Y" 1.0 MI TO INTERSECTION, LT. @ INTER. & FOLLOW POLE LINE 0.1 MI. TO MICRO WAVE SITE. POINT IS APPROX 200' S, LY, THRU OAK TREES ON NOSE

**STATION MARK** A 4" L.A. CO. SUR. CONT SYSTEM BRASS TRIANGULATION DISC, STAMPED, "NEWHALL C-10 ~~1959~~ 1967, R.E. 5869, UP 5", SET IN 12"X12" CONC PAD.

J.G.R 12-Dec-67

FD A 2" I.P. ASPHALT CORE & NAIL SPIKE UP 2" PER RS 997-31-32 & replaced with above disc.

**REFERENCE MARKS**

**R.M. 1** A 4" L.A. CO SUR. CONT SYSTEM BRASS REF. MARK DISC, STAMPED "NEWHALL C-10 R.M. 1, 1967, R.E. 5869, UP 5", SET IN 12"X12" CONC PAD

**R.M. 2** SAME AS R.M. 1, BUT STAMPED R.M. 2.

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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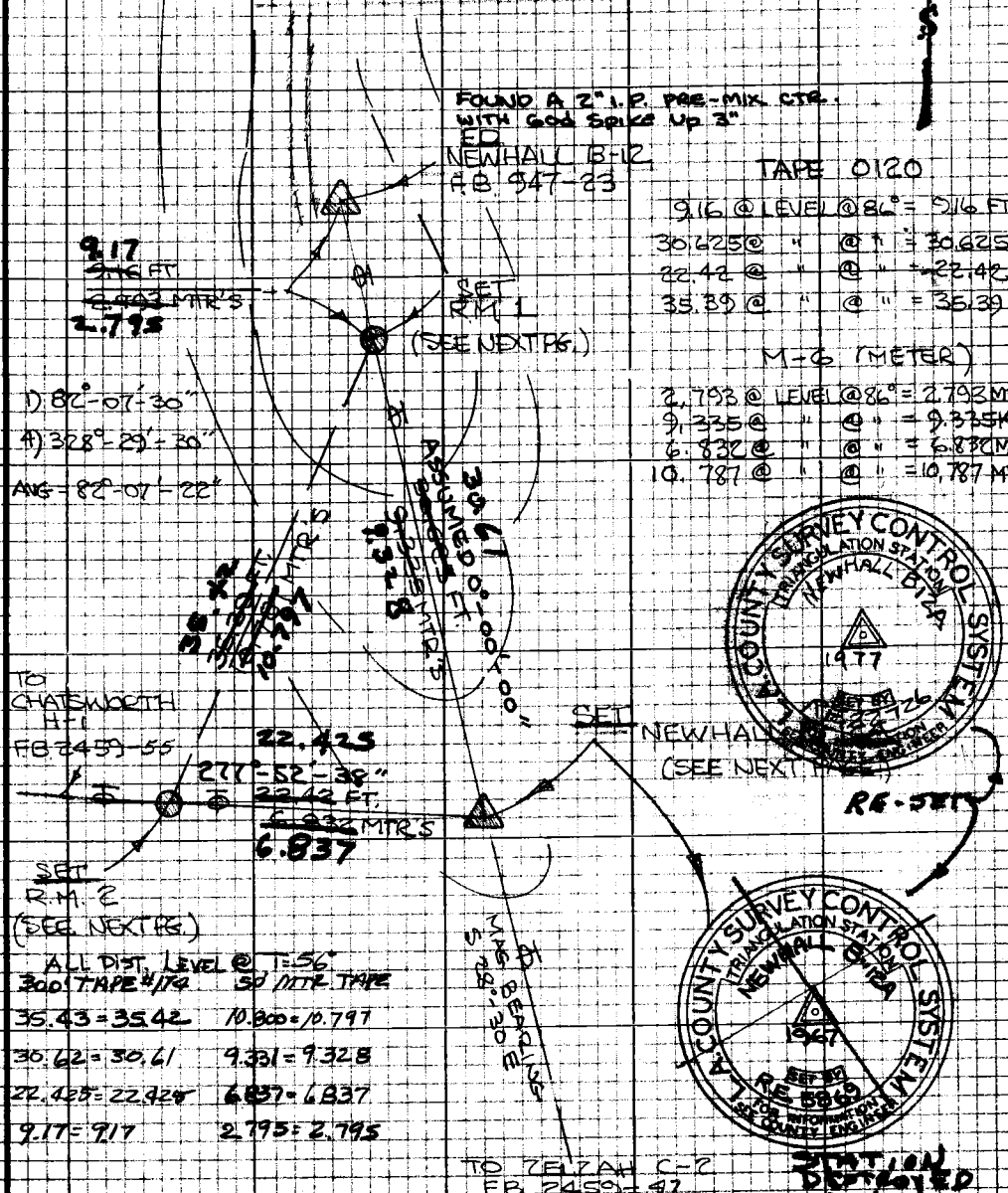
# GEODETIC CONTROL

| | |
|---|---|
| Notes Ck'd by | Survey of CASTAIC AREA |
| Map No. | JN 0301.00 Tape 0120 Std 84 °F |
| Office Work | Surveyed by L. G. RANDALL |
| Checked | Notes R. DOVER Date 9/11/67 |
| Date | Indexed H. E. OTT |

F.B. 2459 Pg. 51

## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
NEWHALL B-12A




TAPE 0120

| | | | |
|---|---|---|---|
| 9.16 @ LEVEL | @ 86° | = | 9.16 FT. |
| 30.625 @ " | @ " | = | 30.625 FT. |
| 22.42 @ " | @ " | = | 22.42 FT. |
| 35.39 @ " | @ " | = | 35.39 |

M-6 (METER)

| | | | |
|---|---|---|---|
| 2.793 @ LEVEL | @ 86° | = | 2.793 MTR'S |
| 9.335 @ " | @ " | = | 9.335 MTR'S |
| 6.832 @ " | @ " | = | 6.832 MTR'S |
| 10.787 @ " | @ " | = | 10.787 MTR'S |

ALL DIST. LEVEL @ T=56°

| 300' TAPE #174 | 50' MTR TAPE |
|---|---|
| 35.43 = 35.42 | 10.800 = 10.797 |
| 30.62 = 30.61 | 9.331 = 9.328 |
| 22.425 = 22.425 | 6.837 = 6.837 |
| 9.17 = 9.17 | 2.795 = 2.795 |

STATION DESTROYED 7/13/77

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

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76P3098 CE #310 5-66

F.B. 2459 Pg. 52

# GEODETIC CONTROL
## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## NEWHALL B-12A

**AREA**

THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, ON THE SOUTH SIDE OF OAT MOUNTIAN 1.6 MILE SOUTH EAST OF SUMMIT, ON A PROMINENT RIDGE, BETWEEN BROWN CYN & MORMON CYN, ± 4000 FT NORTH OF CONFLUENCE OF CANYONS, ± 1000 FT S.W. OF THE N.E. COR. SEC 31 T3N R16W 1952 OAT MT. QUAD 7½ MIN.

**ROUTE**

FROM THE INTERSECTION OF DEVONSHIRE AND DE SOTO, 2.0 MILES NORTHLY ON DE SOTO TO LOCKED GATE (L-KEY), DE SOTO IS NOW BROWN CANYON, 1.0 MILE TO WATER TANKS ON LEFT (2) AND SECOND BARBED WIRE GATE ON RIGHT & OPPOSITE SAID TANKS TURN RT. & TRAVEL 0.25 MILE TO LOCKED GATE (L-KEY)

OR FROM ABOVE BARBED WIRE GATE, 0.35 MILE TO FARM, GO STRIGHT PAST 0.1 MILE THRU FENCE LINE AND 0.6 MILE ALONG DIRT ROAD & UPGRADE TO SHARP LEFT TURN ONTO TRAVELED TRACKS AND OUT ON RIDGE 0.25 MILE TO STATIONS B-12 & B-12A (DRIVE STATION) MAIN DIRT ROAD CONTINUES BEYOND SHARP LEFT TURN (NOTE MILEAGE & LOOK FOR TRACKS)

**STATION MARK**

A 4" L.A. CO. SUR. CONTROL SYSTEM BRASS TRIANGULATION DISC. STAMPED "NEWHALL B-12A, ~~1967~~ 1977, R.E. ~~5869~~ 22736" UP ~~8"~~ 6" AND SET IN A ~~12"X12"~~ CONC ~~PAD~~ POST.

**REFERENCE MARK Nº 1**

A 4" L.A. CO. SUR. CONTROL SYSTEM BRASS REFERENCE MARK [ ] DISC, STAMPED "NEWHALL B-12A, R.M. 1 1967, R.E. 5869" UP 8" AND SET IN A 12"X12" CONC PAD

**REFERENCE MARK Nº 2**

SAME AS Nº 1 EXCEPT STAMPED "R.M. 2"

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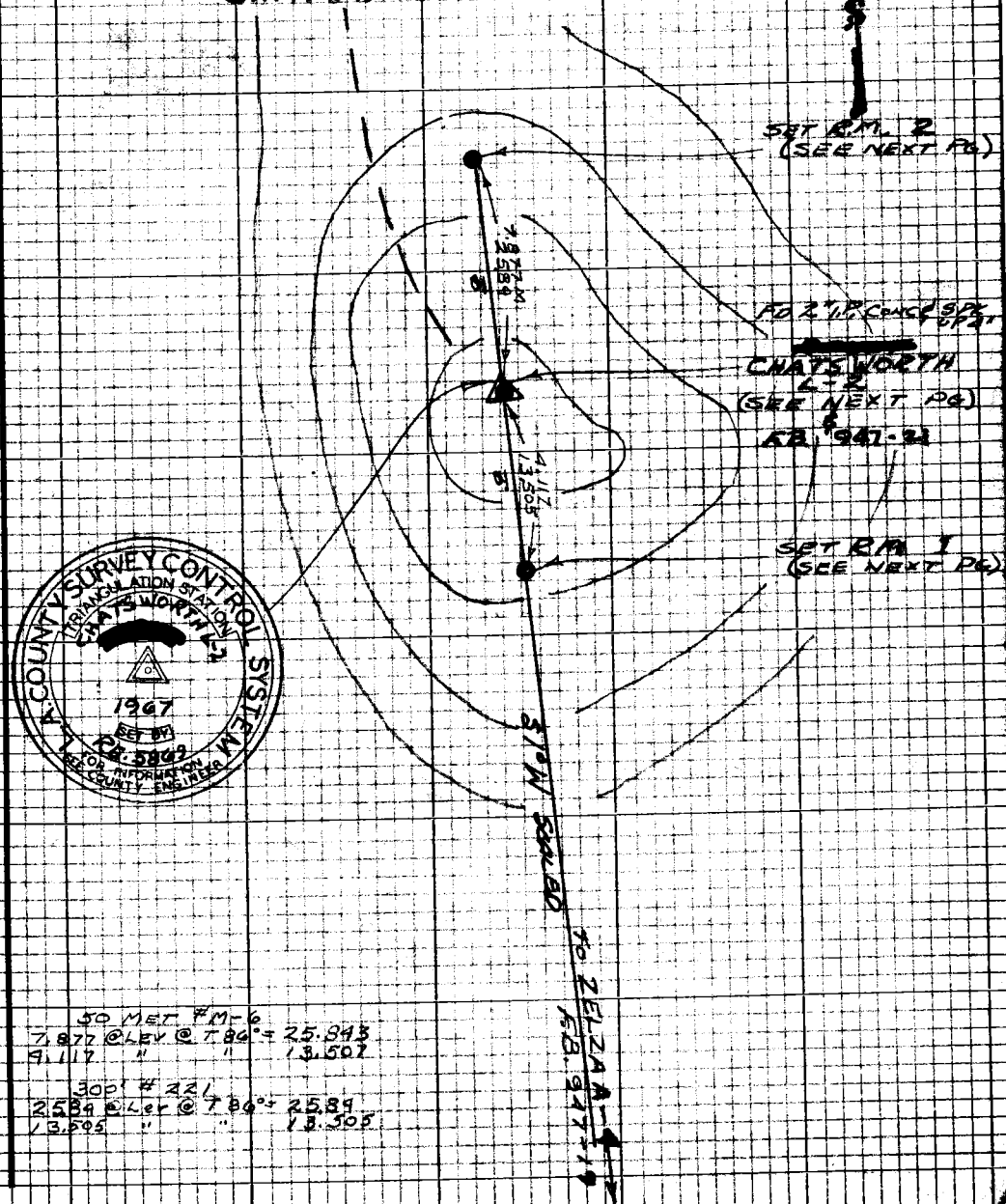
| | |
|---|---|
| Notes Ck'd by | Survey of PICO CN RD |
| Map No. | JN009211 Tape 221 Std 84 °F |
| Office Work | Surveyed by ADAMS |
| Checked | Notes ADAMS Date 9-12-67 |
| Date | Indexed H.E. ON |

F.B. 2459 Pg. 53

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

CHATSWORTH L-2




50 MET #M-6
7.877 @ LEV @ T 86° = 25.843
4.117 " " 13.507

300' # 221
2.584 @ Lev @ T 86° = 25.84
13.505 " " 13.505

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

76P3098 CK #310 8-66

F.B. 2459 Pg. 54

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

## CHATSWORTH L-2

**AREA** THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY ON A PROMINENT PEAK AT S. END OF DIVIDE BETWEEN BROWNS CYN & V BARRA CYN. 0.3 MI. N. OF THE W. END OF DEER LAKE HIGHLANDS 1718 ELEV. P.T. 950'S AND 1825'E OF N.W. COR SEC 6 T2N R16W OAT MT. TAC QUAD 1952

**ROUTE** FROM THE INTERSECTION OF DE SOTO AND DEVONSHIRE TRAVEL 2 MILES ON DE SOTO TO THE PIPE RAIL GATE ACROSS BROWNS CANYON (L-KEY) THENCE 2.4 MILE UPGRADE ON PAVED ROAD TO FIRE TRUCK TRAIL (1000 FT DOWN GRADE OF BROWN CYN MWY.) TURN LEFT 0.05 MI TO CABLE GATE (L-KEY) TRAVEL 1.2 MILE ON DIRT ROAD TO FORK ON LEFT AND DOWNGRADE (TURN LT.) 0.45 MI TO FORK & PARK HIKE DOWN GRADE THEN UPGRADE ¼ MI. TO STA. (SO'LY) FD. A 2" IR CONC & SPK, UP 4' PER F.B. 947-21)

**STATION MARK** [redacted] A 4" L.A. CO. SUR CONT. SYSTEM BRASS TRIANGULATION DISC, STAMPED "CHATSWORTH L-2, [redacted] 1967, R.E. 5869", UP 3", SET IN 6" CONC. POST.

**REFERENCE MARKS**

R.M. 1 A 4" L.A. CO. CONT SYSTEM BRASS REF. MARK DISC STAMPED "CHATSWORTH L-2 R.M. 1. 1967 R.E. 5869", UP 3", SET IN 6" CONC POST

R.M. 2 SAME AS R.M. 1, BUT STAMPED R.M. 2

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# GEODETIC CONTROL

| | |
|---|---|
| Notes Ck'd by | Survey of CHATSWORTH CASTAIC |
| Map No. | JN 030100 Tape Std. °F |
| Office Work | Surveyed by J. G. RANDALL |
| Checked | Notes R. DOVER Date 23 AUG 67 |
| Date | Indexed H. E. OTT |

F.B. 2459 Pg. 55

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

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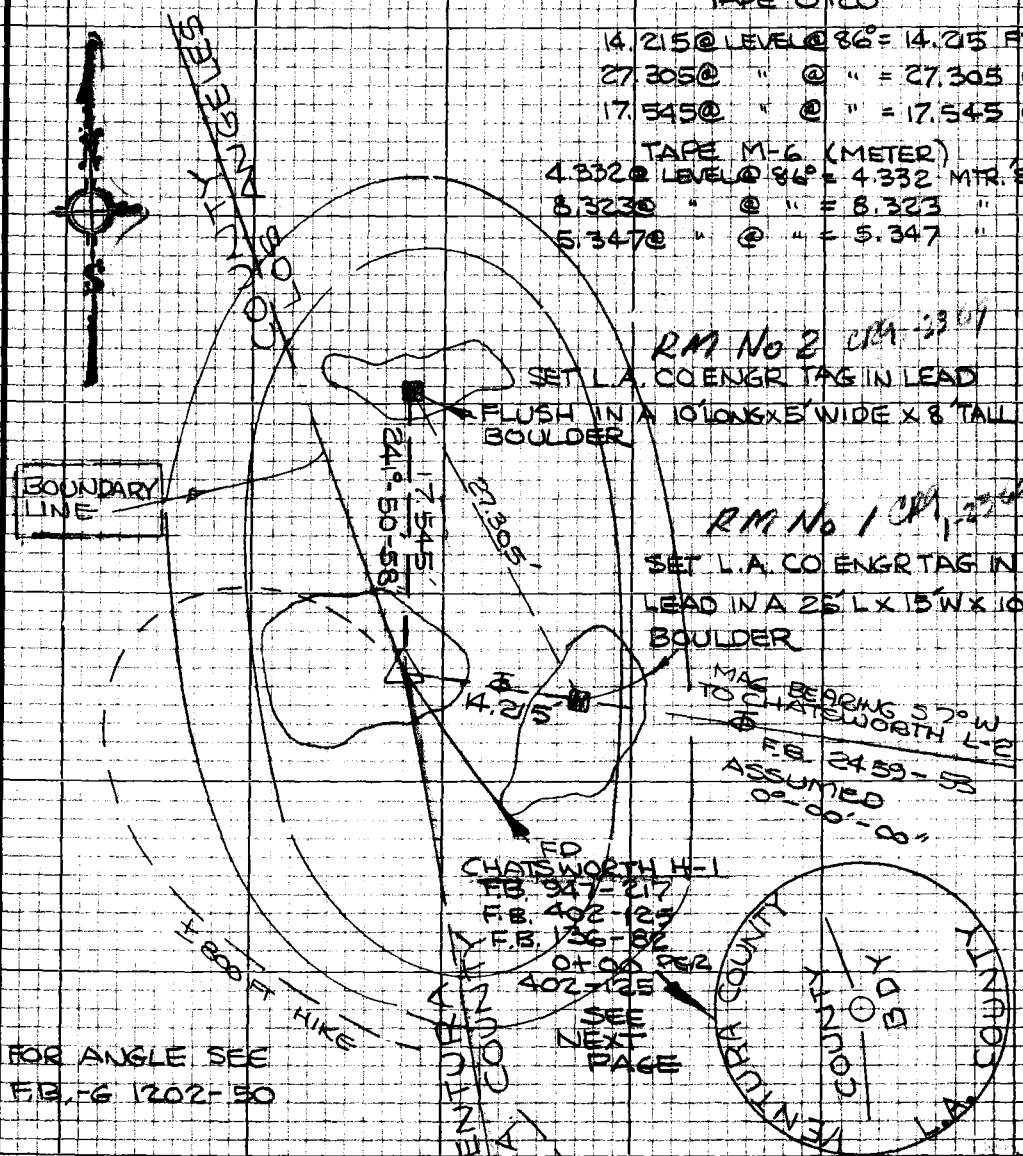
## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

# CHATSWORTH H-1

TAPE 0120

14.215 @ LEVEL @ 86° = 14.215 FT.
27.305 @ " @ " = 27.305 "
17.545 @ " @ " = 17.545 "

TAPE M-6 (METER)
4.332 @ LEVEL @ 86° = 4.332 MTR.'S
8.323 @ " @ " = 8.323 "
5.347 @ " @ " = 5.347 "




FOR ANGLE SEE
F.B.-6 1202-50

76P3095 CE #310 5-66

F.B. 2459 Pg. 56

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## CHATSWORTH HI

**AREA**

THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, NORTHWEST OF CHATSWORTH IN THE SANTA SUSANA MTS. ON A PROMINENT PEAK ON THE VENTURA - LOS ANGELES COUNTY BOUNDARY ± 4050'W AND ± 400' S OF THE N.E. COR. SEC 2 T2N R17W + A PRINTED TRIANGLE WITH PRINTING "ROCKY PEAK" ELEV. PRINTED "2714" ON QUAD SANTA SUSANA 7½ MIN 1951. THE STATION IS A ANGLE POINT OF THE L.A.-VENTURA BOUNDARY

**ROUTE**

FROM THE INTERSECTION OF DEVONSHIRE ST AND SANTA SUSANA PASS ROAD (HWY 118), TRAVEL NORTH ON SANTA SUSANA PASS ROAD 3.3 MILES TO THE SUMIT; TURNOUT ROAD; AND BRIDGE. TURN (NORTH) RIGHT AND TRAVEL ACROSS BRIDGE AND 0.3 MILE TO CABLE GATE (L-KEY), CONTINUE UPGRADE ON DIRT ROAD 2.0 MILES TO FORK OR "T" INTERSECTION, TURN RIGHT (EAST) 0.2 MILE TO OPEN AREA AND PARK, HIKE ± 800' NORTH TO HIGHEST PEAK IN AREA "ROCKY PEAK" AND STA. NOTE: FROM "T" INTERSECTION IT IS 2.2 MILE TO JOHNSON'S LATERAL AND ± 4 MILES ALONG "ROCKY PEAK MYW" TO INTERSECTION W/ BROWN CANYON MOTORWAY AT STA. PICO - I-9 2ND ALT. ROUTE SEE ROUTE TO PICO I-9 F.B. 2459 - 73 3rd ALT. STATION MAY ALSO BE REACHED VIA JOHNSON LAT.

**STATION MARK**

A 2½" BRASS DISC, STAMPED "COUNTY BDY" FLUSH AND SET IN A 14' LONG, 8' WIDE, 4' HIGH SLANTING BOULDER. BOULDER SLANTS TO THE W N W'LY (SEE FRONT PAGE FOR ALL MARKING)

**REFERENCE MARKS**

SEE FRONT PAGE FOR LA CO ENGR TAGS SET IN LEAD IN BOULDERS LEVEL WITH STATION

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# GEODETIC CONTROL

| | |
|---|---|
| Notes Ck'd by | Survey of CHATSWORTH - CASTAIC |
| Map No. | JN 0301 00 Tape ~ Std ~ °F |
| Office Work | Surveyed by D. G. RANDALL |
| Checked | Notes R. DOVER Date AUG 67 |
| Date | Indexed H. E. OTT |

F.B. 2459 Pg. 57

Noted on Bkg. Index Card ✓
Placed on U.S. Quad. Shts.
Placed on Bkg. Div. W.S. No.
Sketch on Bkg. Desc. Card

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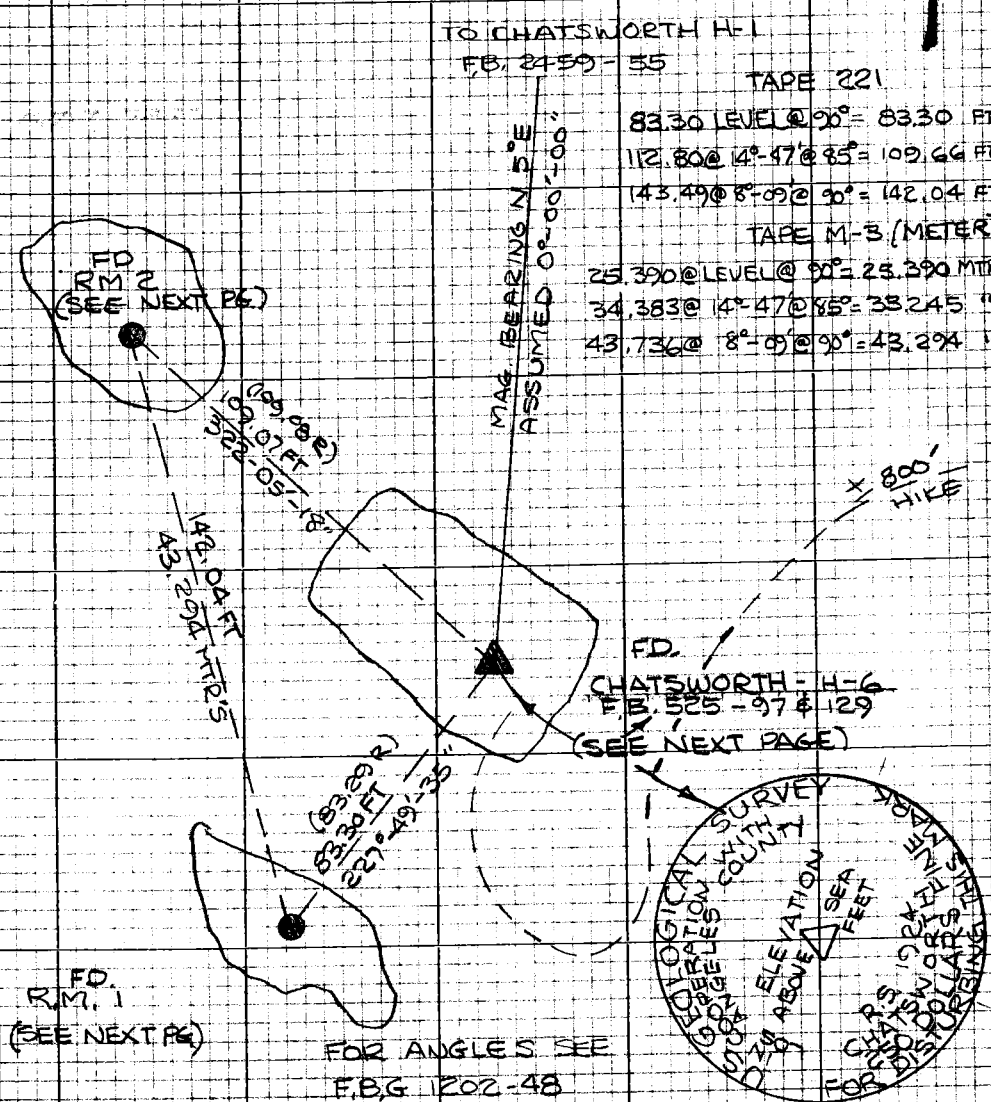
403 LOS ANGELES COUNTY ENGINEERING BLDG.

## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## CHATSWORTH H-6




76P3098 CE #310 5-66

F.B. 2459 Pg. 58

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## CHATSWORTH H-6

### AREA

THIS TRIANGULATION STATION IS LOCATED IN "VENTURA COUNTY", WEST OF CHATSWORTH APROX 2 MILES, 0.4 MILE WEST OF THE VENTURA-L.A. COUNTY BOUNDARY, 0.75 MILE SOUTH OF SANTA SUSANA PASS ON A ROCKY SUMMIT OF "CHATSWORTH PEAK" PRINTED TRIANGLE (ELEV.) 2314 ALSO BELOW THE PRINTED "S" OF "SIMI HILLS" & "W" OF THE WORD CHATSWORTH OF CHATSWORTH PK. ± 2400' WEST OF COUNTY BOUNDARY LINE ± 4450 S.W OF INTER OF BDRY AND SANTA SUSANA PASS ROAD ON SANTA SUSANA QUAD 7½ MIN. 1951

### ROUTE

FROM THE INTERSECTION OF DEVONSHIRE ST. AND SANTA SUSANA PASS ROAD (AVE) HIGHWAY 118, NORTH ON SANTA SUSANA AVE (118) 1.1 MILE, TRAVEL 2.3 MILE ALONG SANTA SUSANA PASS ROAD TO INTERSECTION WITH LILAC LANE (A PAVED RD.) TURN LEFT (SOUTH) ONTO LILAC LANE UPGRADE 0.5 MILE TO END OF PVMT. & CHAIN LINK FENCE GATE, THRU GATE AND 0.4 MILE TO LOCKED CABLE GATE (L. KEY), THRU GATE 0.35 MILE TO OPEN AREA TURN RT (NORTH) ± 500' AND PARK - HIKE UPGRADE 0.2 MILE TO WATER TANK ± 800' TO STATION. FROM WATER TANK

### STATION MARK

A 4" BRASS U.S.G.S. DISC STAMPED "R.S. 1924 CHATSWORTH" FLUSH AND CEMENTED INTO TOP OF A BOULDER 20' X 50' X 15' HIGH

## REFERENCE MARKS

### Nº 1

A 4" BRASS L.A. COUNTY SURVEY CONTROL REFERENCE MARK STAMPED "CHATSWORTH 1933 RE 62 NO 1" FLUSH & CEMENTED INTO IN TOP OF LARGE BOULDER 40' X 15' X 10' HIGH NOT ATTACHED TO STATION BOULDER

### Nº 2

SAME AS NO 1 EXCEPT STAMPED "NO 2" AND THIS MARK IS ± 20' LOWER THAN STATION BOULDER 1 IS 60' X 20' X 15' HIGH

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# GEODETIC CONTROL

| | |
|---|---|
| Notes Ck'd by | Survey of GEODETIC CONTROL |
| Map No. | JN 0301.00 Tape 221 M-3 Std 84 °F |
| Office Work | Surveyed by J. RANDALL |
| Checked | Notes R. DOVER Date 15 AUG 67 |
| Date | Indexed H. E. OTT |

F.B. 2459 Pg. 59

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

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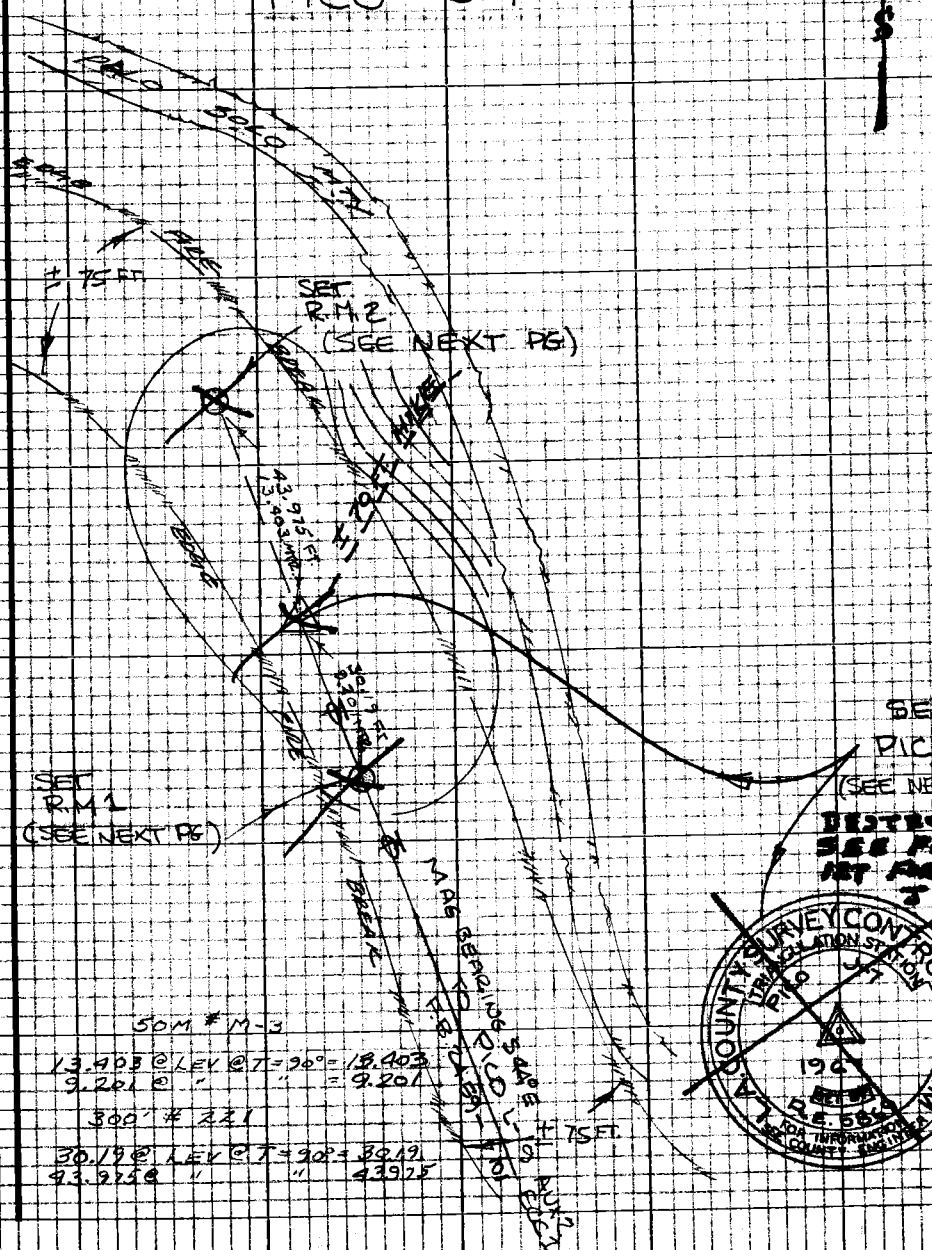
## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## PICO J-7




DESTROYED SEE FB 2469-187 FOR PICO J7A 7/8/77 M.T.

L.A. COUNTY SURVEY CONTROL SYSTEM TRIANGULATION STATION PICO J-7 1967 SET BY R.E. 5869 FOR INFORMATION SEE COUNTY ENGINEER

50M # M-3
13.403 @ LEV @ T = 90° = 13.403
9.201 @ " " = 9.201

300' # 221
30.19 @ LEV @ T = 90° = 30.19
43.975 @ " " 43.975

76P3098 CE #310 8-66

F.B. 2459 Pg. 60

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

# PICO J-7

AREA

THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE SANTA SUSANA MTS, ON A MAIN RIDGE BETWEEN SULPHUR AND PICO CANYONS, PEAK MARKED 3504 ON QUAD SHEET. 1952. OAT MT 7½ MIN.
AND ± 30 WESTERLY OF THE PALO SOLO MOTOR WAY FIRE TRUCK TRAIL ± 500' SO. AND ± 200' E OF NW COR. SEC. 13 T3N R17W

ROUTE

FROM THE INTERSECTION OF THE OAT MOUNTIAN LOOKOUT ROAD & PALO SOLO MTY ± 300FT TO A LOCKED CABLE GATE (L-KEY) 9.6 MILE ALONG RIDGE TO FORK BEAR TO RIGHT AND UPGRADE 1.3 MILES ALONG RIDGE TO STATION, STATION ± 30 FT WESTERLY AND 20± FT HIGHER IN ELEV.

STATION MARK

A 4" L.A. CO. SUR CONTROL SYSTEM BRASS TRIANGULATION DISC STAMPED "PICO J-7, 1967 R.E. 5869", UP 4" AND SET IN A 6" CONC. POST.

REFERENCE MARK Nº 1

A 4" L.A. CO. SUR. CONTROL SYSTEM BRASS REFERENCE MARK DISC. STAMPED "PICO J-7 R.M. 1, 1967 R.E. 5869" UP 4" AND SET IN A 6" CONC POST.

REFERENCE MARK Nº 2

SAME AS R.M. 1 EXCEPT STAMPED "R.M. 2"

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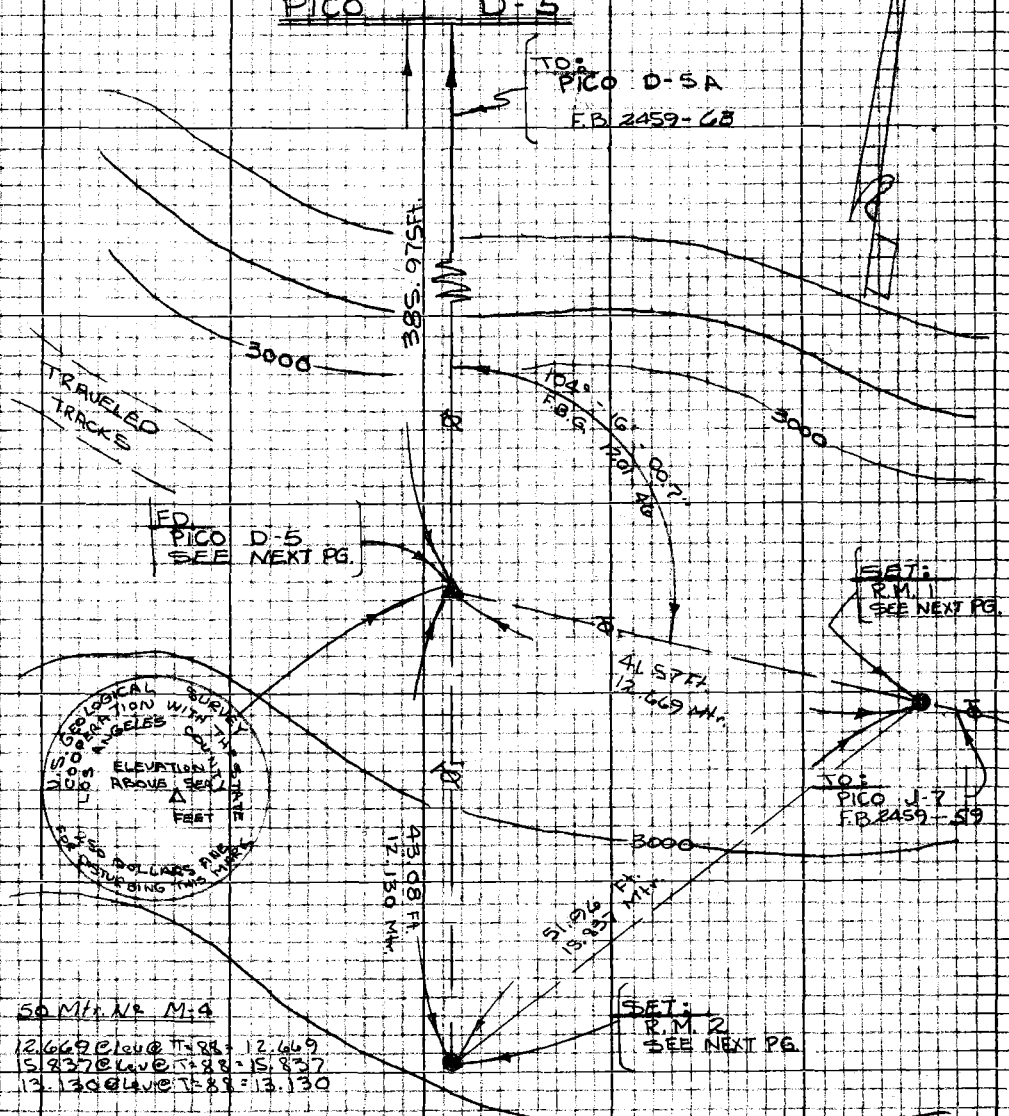
| | | | |
|---|---|---|---|
| Notes Ck'd by | | Survey | GEODETIC CONTROL F.B. 2459 Pg. 61 |
| Map No. | | JN0301.00 Tape 144 M-4 Std 84 °F | |
| Office Work | | Surveyed by J.G. Randall | |
| Checked | | Notes JR Date 16-Aug-67 | |
| Date | | Indexed H. E. OTT | |

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

PICO D-5




50 Mtr. No. M-4

12.669 @ Lev @ T=88 = 12.669
15.837 @ Lev @ T=88 = 15.837
13.130 @ Lev @ T=88 = 13.130

300 Ft. No. 144

41.57 @ Lev @ T=88° = 41.57
51.96 @ Lev @ T=88° = 51.96
43.08 @ Lev @ T=88 = 43.08

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

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76P3098 CE #310 5-66

F.B. 2959 Pg. 62

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

PICO ~ D-5

AREA:

THIS TRIANGULATION STATION IS LOCATED IN VENTURA COUNTY, IN THE SANTA SUSANA MTNS., ON A HILL MARKED "3004" ON THE QUAD SHEET. ALSO ABOUT 1650' WEST OF THE LOS ANGELES ~ VENTURA COUNTY BOUNDARY LINE. SEE SANTA SUSANA 7½' QUAD SHEET. NOTE: 8150± FT. NORTH OF THE N.E. COR. OF SEC. 20, T 3N, R 17W, S.B.B. & M. SCALED FROM SANTA SUSANA 7½ MIN. SHEET.

ROUTE:

FROM THE INTERSECTION OF PICO CYN. RD. W/ THE GOLDEN STATE FRW., PROCEED WESTLY ON PICO CYN. RD. 2.4 TO FORK & GATE, BEAR RIGHT AND UP-GRADE, THROUGH OIL CO. PROPERTY, ENTERING POTRERO CYN., 1.2 MI. TO "T" INTERSECTION, CONTINUE STRAIGHT 0.2 TO A CATTLE GUARD, CONTINUE 1.0 MI. TO A "T" INTERSECTION, turn LEFT AND FOLLOW MAIN RD. 0.7 MI. TO A METAL GATE & LOCK, IN CUT, THROUGH GATE AND 0.3 MI. TO AN INTERSECTION. Bear LEFT ON SALT CREEK RD. SOUTH'LY ALONG CANYON BOTTOM 0.3 MI. TO METAL GATE & L-LOCK, PROCEED 0.1 MI. TO FORK, BEAR RIGHT, STILL IN BOTTOM OF CANYON, CONTINUE UP-GRADE 1.1 TO A GATE. CONTINUE 2.5 TO FORK, BEAR RIGHT, UP STEEP GRADE 300'± TO PALO SOLO M.W.Y., CONTINUE WESTLY 0.2 TO FORK, LEFT OF M.W.Y. AND ON TOWER LINE ACCESS RD., CONTINUE LEFT 0.2 MI. & EASTLY ALONG TRAVELED TRACKS, UP-GRADE TO STATION, SOUTH OF WATER STORAGE TANK.

STATION MARK:

A 4" U.S.G.S. BRASS DISC, STAMPED, "~~COOPERATION WITH THE STATE~~, LOS ANGELES COUNTY", UP 5", AND IN A 12" X 12" CONC. PAD. NOTE: COOPERATION WITH THE STATE IS CAST IN THE MARK. JGR 13-Dec-67

SUB-SURFACE MARK:

NO REFERENCE TO A MARK.

REFERENCE MARKS:

№ 1:

A 4" L.A.CO. SUR. CONT. SYSTEM BRASS REFERENCE MARK DISC, STAMPED, "PICO D-5, R.M.1, 1967, R.C. 5869", UP 8" AND IN A 12" X 12" CONC. PAD. ON LINE TO PICO J-7

№ 2:

IDENTICAL TO R.M.1, EXCEPT STAMPED "R.M.2", AND ON LINE PRODUCED FROM PICO D-5A.

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| | |
|---|---|
| Notes Ck'd by | Survey of GEODETIC CONTROL F.B. 2459 Pg. 63 |
| Map No. | JN 0301.00 Tape M-3 0243 Std 84 °F |
| Office Work | Surveyed by J.G. Randall |
| Checked | Notes JGR Date 16-Aug-67 |
| Date | Indexed H.E. OTT |

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

PICO ~ D-5A

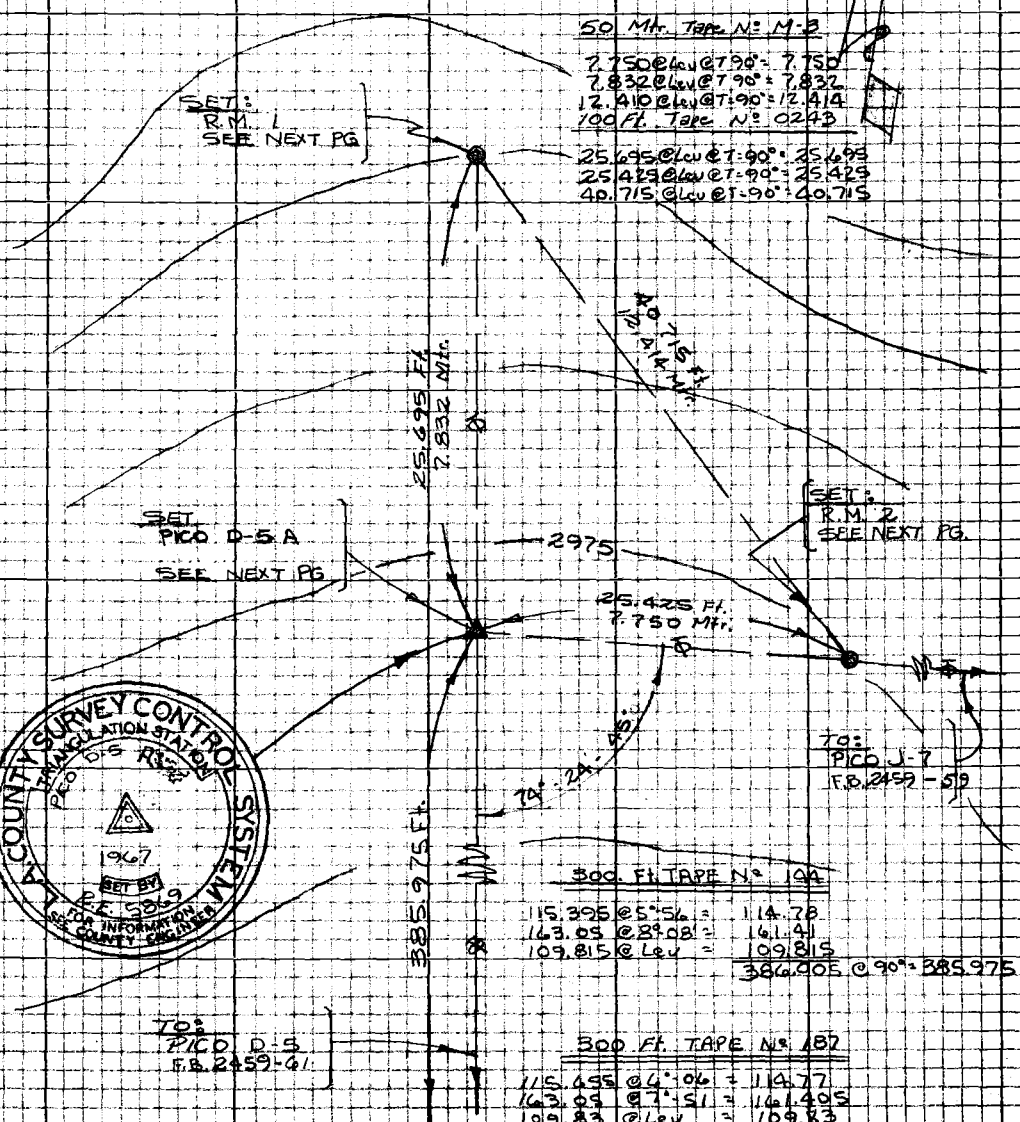
1) 74-24-45
4) 297-39-00
AV) 74-24-45

50 Mtr. Tape No. M-3

7.750 @ Lev @ T 90° = 7.750
7.832 @ Lev @ T 90° = 7.832
12.410 @ Lev @ T 90° = 12.414

100 Ft. Tape No. 0243

25.695 @ Lev @ T 90° = 25.695
25.425 @ Lev @ T 90° = 25.425
40.715 @ Lev @ T 90° = 40.715




300 Ft. TAPE No. 144

115.395 @ 5°-56 = 114.78
163.05 @ 8°-08' = 161.41
109.815 @ Lev = 109.815
386.005 @ 90° = 385.975

300 Ft. TAPE No. 187

115.695 @ 6°-06 = 114.77
163.05 @ 7°-51 = 161.405
109.83 @ Lev = 109.83
386.005 @ 90° = 385.975

L.A. COUNTY SURVEY CONTROL SYSTEM TRIANGULATION STATION PICO D-5 1967 SET BY R.E. 5869 FOR INFORMATION SEE COUNTY ENGINEER

Noted on Geo. Index Card
Placed on S.G.S. Quad. Sheet
Placed on Div. W.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

Do not extend this side of this line.

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

76P3098 CK #310 5-66

F.B. 2459 Pg 64

# L. A. COUNTY SURVEY CONTROL SYSTEM
# TRIANGULATION STATION

## PICO D-5 A

**AREA:** THIS TRIANGULATION STATION IS LOCATED IN VENTURA COUNTY, IN THE SANTA SUSANA MTNS., ON A HILL MARKED "3004", ON THE QUAD. SHEET, AND ABOUT 1650' ± WEST OF THE LOS ANGELES ~ VENTURA CO. BOUNDARY LINE. SEE SANTA SUSANA 7½' QUAD. 8500' ± NORTH OF THE N. E. COR. OF SEC. 20 - T3N - R17W., SCALED FROM ABOVE SHEET.

**ROUTE:** FROM THE INTERSECTION OF PICO CYN. RD. W/ THE GOLDEN STATE FRW., TRAVEL WEST'LY ON PICO CÑ. RD. 2± MI. TO A FORK & GATE, BEAR RIGHT UP-GRADE, TO POTRERO CÑ., 2.9 MI. PASSING AN REFINERY ON THE RIGHT, TO A CATTLE GUARD, CONTINUE 1± MI. TO A "T", TURN LEFT, AND FOLLOW MAIN RD. 0.2 MI. TO A GATE, IN A CUT. CONTINUE 0.2 TO AN INTER SECTION, TURN LEFT & FOLLOW SALT CREEK RD. SOUTHLY ALON A CÑ BOTTOM, 0.2 TO A GATE, PROCEED THROUGH GATE & CORRAL 0.1 MI. TO A FORK, BEAR RIGHT, STILL IN BOTTOM OF CÑ., CONTINUE 1± MI. TO A GATE, NO LOCK, UP-GRADE, 2.3 MI. TO A FORK, BEAR RIGHT 300' ± TO PALO 5040 MWY., CONTINUE WEST'LY 0.3 TO A FORK, BEAR LEFT AND OFF MAIN RD. CONTINUE LEFT AND EAST'LY ALONG TRAVELED TRACKS. UP-GRADE 0.2 MI. TO STATION. NORTH OF WATER STORAGE TANK ABOUT 35' LOWER THAN PICO D-5, WHICH IS 386.' SOUTHERLY.

**STATION MARK:** A 4" L.A.CO. SUR. CONT. SYSTEM BRASS TRIANGULATION DISC. STAMPED," PICO D-5, A , 1967, R.E. 5869", UP 8" AND IN A 12" x12" CONC. PAD.

**SUB-SURFACE MARK:** NONE SET.

**REFERENCE MARKS:**

No 1:

A 4" L.A. CO. SUR. CONT. SYSTEM BRASS REFERENCE MARK DISC. STAMPED " PICO D 5 A R.M. 1, 1967, R.E. 5869", UP 8" AND IN A 12" x12" CONC. PAD. ~~ON LINE TO PICO J-7, F.B. 2459 - 59~~ (SEE BELOW) ON LINE PRODUCED FROM PICO D-5, Pg. 61

No 2:

IDENTICAL TO R.M. 1 EXCEPT STAMPED, "R.M. 2". & ON LINE TO PICO - J-7, F.B. 2459 - 59

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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# GEODETIC CONTROL

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

Survey of Chatsworth - Castaic
JN 0501.00 Tape — Std — °F
Surveyed by Wilson - Randall
Notes FGR Date 4-Aug-67
Indexed C.J. GALLI

F. B. 2459 PG. 65

Noted on Rec. Index Card
Placed on U.S.G.S. Quad. Shts.
Placed on Div. W.S. Ms.
Sketch on Geo. Desc. Card

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7CE 3095 CE#310 1-65

## L. A. COUNTY SURVEY CONTROL SYSTEM

NEWHALL I-11 & I-11A
(U.S.C. & G.S. 341183 1002)
( U.S.G.S. B.M. 2771)

U.S. COAST & GEODETIC SURVEY
TRIANGULATION STATION
WRITE TO THE DIRECTOR, C&GS, WASH. D.C. FOR DISTURBANCE
PERMISSION
A
1932

ELEVATION ABOVE SEA
FEET

1) 9 26 30
4) 37 45 45
@ 56 39 15
AV) 9°26'32"

FD. RM 2
(See Next Pg.)

TO:
NEWHALL E-10
REC. F.B. 947-219

17.235 PA.

9°26'32" TRANSIT

FD.
NEWHALL I-11
(See Next Pg.)
stamped as
shown above.
(TOP)

TO:
NEWHALL E-10A
F.B. 2459-43

43.80 PA.

95°04'15" F.B.G. 12-32-67

1) 95 04 15
4) 37 45
@ 24 45
AV) 95°04'08"

UPGRADE

36.165 PA.

85°-14'-22" F.B.G. 12-26-67

TO:
NEWHALL E-10A
F.B. 2459-43

FD.
NEWHALL I-11A
(U.S.G.S. B.M. 2771)
(See Next Pg.)
See DISC Above
(BOTTOM)

FOR GEODIMETER DISTANCE SEE F.B. 3615

TRAVELED DIRT ROAD

UPGRADE

94°24'-00" F.B.G. 12-26-67

TO: 2nd 234.42
F.B. 2459-41

NOTE:
SEE NEXT PAGE FOR DISTANCE MEASUREMENTS.

F. B. 2459 Pg. 66

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATIONS

NEWHALL I-11 & I-11A

(U.S.C.&G.S. 34 118 3 1002)

(U.S.G.S. BM 2771)

300' TAPE Nº 144 TEMP = 80° 50 METER TAPE Nº M4

17.235 @ Lev = 17.235
36.165 @ Lev = 36.165
43.80 @ Lev = 43.80

5.254 @ Lev = 5.254 = 17.230'
11.026 @ Lev = 11.026 = 36.174'
13.352 @ Lev = 13.352 = 43.806'

**AREA:** ~~These~~ Stations are located in Los Angeles County, about 1000' South of an angle point in the L.A. Co. ~ City Bdry. line, and 1100' ± East of the east line of Sec. 27 T3N R16W. produced south. See U.S.G.S. 7½ min. sheet "OAT MTN.".

**ROUTE:** From the intersection of Devonshire St. with Tampa Ave., proceed northly on Tampa Ave. (Divided by a median strip) upgrade 2.2 miles to Braemore St. on the right, Continue 200' past this intersection to Getty Oil Co. Sign on the left, turn left on this road (Rock & Oil), and continue 0.4 miles to a gate (L-Key), through gate & upgrade on paved road, through oil fields, and the following intersections, 0.2 mi. Lt. @ "Y", 0.1 mi. Lt. @ "Y", 0.2 mi. Lt. @ "Y", 0.1 mi. Lt. @ "Y", 0.6 mi. Rt. @ "Y", 0.3 mi. to Summit, Br. right & Cont. on Paved Rd. 0.8 mi. Br. left, 0.2 mi. to water tank on right & "Y" intersection Br. sharp Rt. & down grade, 0.1 mi. pass corral on the left. 1.2 mi. Gate w/ L-Lock, Continues straight, 0.3 mi, Br. Right & up grade, 0.1 mi. Br. right @ "Y" & Continue 300' ± to top of hill &

**STATION MARKS:** NEWHALL I-11; A 4" U.S.C.&G.S. Brass Triangulation disc, stamped "MISSION PT. 1932", up 8" & in an 8" x 8" Conc. pad.

NEWHALL I-11A; A 4" U.S.G.S. brass disc, stamped "LOS ANGELES COUNTY", up 3" & in a 12" x 12" Conc. pad.

**REFERENCE MARKS:**

Nº 1; Not searched for, as the U.S.C.&G.S. station card calls for it approx. ¼ mile from the station mark.

Nº 2; A 4" U.S.C.&G.S. brass reference mark disc stamped "MISSION PT. NO. 2 1932" up 3" & in an 8" x 8" Conc. pad.

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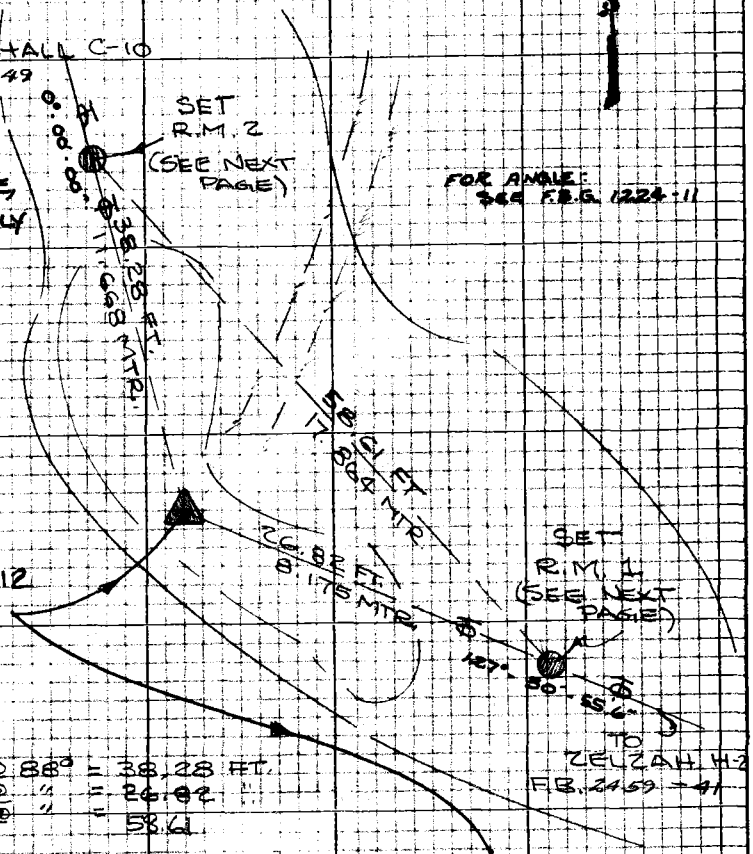
# GEODETIC CONTROL

| | |
|---|---|
| Notes Ck'd by | Survey of |
| Map No. | JN 230.00 Tape 221 M-3 Std 94 °F |
| Office Work | Surveyed by J. RANDALL |
| Checked | Notes R. DOVER Date 24 AUG 67 |
| Date | Indexed H. E. OTT |

F.B. 2459 Pg. 67

## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## NEWHALL C-12




NOTE:
THIS STATION IS NOT IN TRIANGULATION SCHEME, TIED TO TRAVERSE ONLY

221 TAPE

38.28 @ LEVEL @ 88° = 38.28 FT.
26.82 @ " @ " = 26.82 "
58.61 @ " @ " = 58.61

M-3 (METER)

11.668 @ LEVEL @ 88° = 11.668 MTRS
8.175 @ " @ " 8.175 "
17.864 @ " @ " 17.864 "

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
NEWHALL C-12
1967
SET BY
R.E. 5869
FOR INFORMATION SEE COUNTY ENGINEER

FOUND 2" I.P. PRE-MIX CTR. WITH 60d SPIKE UP 3" PER 947-25

REPLACED RESET TRIANGULATION MARK AS SHOWN (USED PLUMB BENCH)

Noted on Geo. Index Card
Placed on U.S.G.S. Quad. Shts.
Placed on U.S.W.S. Bo.
Sketch on Geodesc. Card

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76P3098 CE #310 5-66

F.B. 2459 PG 68

# L. A. COUNTY SURVEY CONTROL SYSTEM
# TRIANGULATION STATION

## NEWHALL C-12

**AREA**

THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE SANTA SUZANA MTS., IN THE PORTER RANCH OIL FIELDS, NEAR HORSE FLATS AND WESTERLY OF SAID FLATS, ON A PROMINENT PEAK 2050 ELEV. ± 2800' N. AND ± 1600' W. OF S.E. COR. SEC. 32 T3N R16W OAT MT. QUAD 7½ MIN. 1952

**ROUTE**

FROM THE INTERSECTION OF DEVONSHIRE ST. AND TAMPA AVE, NORTHERLY ALONG TAMPA 2± MILES TO OIL COMPANY ROAD ON THE LEFT, TURN LEFT AND GO DOWNGRADE ± 400 TO LOCK PIPE FENCE AND GATE (L: KEY) THRU LOCKED GATE ON MAC ROAD, 0.6 MILE TO FORK OF DIRT ROAD (DOWNGRADE) AND MAC PVMT, (UPGRADE). GO ALONG MAC PVMT 0.1 MI THRU LOCKED GATE, 0.6 MILES ALONG MAC PVMT TO "T" INTERSECTION (DIRT ROAD) TURN ~~LEFT~~ AND DOWNGRADE 0.1 MI TO CREEK BOT. 0.1 MILE TO TRUCK TRACKS (UPGRADE) ON LEFT 0.1 MILE TO TOP RIDGE AND STATION,

**STATION MARK** NOTE: STAMPED WRONG - CHANGED TO NEWHALL

A 4" L.A. CO. SUR. CONTROL SYSTEM BRASS TRIANGULATION DISC. STAMPED "~~ZECAH~~ NEWHALL C-12 1967 [redacted] DAD, RE. 5860', UP 8" AND SET IN 12"x12" CONC.

**REFERENCE MARK Nº 1** SEE NOTE:

A 4" L.A. CO. SUR. CON. SYSTEM BRASS REFERENCE MKR. DISC. STAMPED "~~ZECAH~~ NEWHALL C-12 R.M. 1, 1967, RE. 5864 UP 8" & SET IN 12"x12" CONC. DAD

**REFERENCE MARK Nº 2** SEE NOTE:

SAME AS R.M. 1 EXCEPT STAMPED "R.M. 2"

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

Survey of Geodetic Control
JN D30100 Tape M-2e Std 84 °F
Surveyed by Wilson/Randall
Notes JBR Date 13 Sep 67
Indexed H. E. OTT

F.B. 2952 Pg. 69

Attach on Gen. Index Card
Plat
U.S.G.S. Quad. Sht.
Place on Sur. Dir. W.S. No.
Sketch on Geo. Recon. Card

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7852098 CR #310 8-66

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRAVERSE STATION
## PICO G-10

L.A. COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION PICO G-10 1967 SET BY L.S. 5869 FOR INFORMATION SEE COUNTY ENGINEER

EDGE OF BANK

200'

SET: PICO G-10 (SEE NEXT PG.)

72'±

TO: APPROXIMATE CO. BDRY. LINE NO MONUMENT FOUND.

Mon. Destroyed 7/5/17

SET PICO G-10A (SEE NEXT PG.)

PICO G10 NOT RESET BECAUSE RM 1 POSITION WAS NOT CHECKED.

18'

54.370 ft. 105.25 ft. 15.507 ft. 16.573 ft. 32.080 ft.

FIRE TRUCK TRAIL

39'

8'±

SET RM 1 (SEE NEXT PG.)

L.A. COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION PICO G10A 1967 SET BY L.S. 2726 FOR INFORMATION SEE COUNTY ENGINEER

MAG BEARING S 25° E 56.85 ft. 17.328 mtr.

89'

SET RM 2 (SEE NEXT PG.)

Mon. Destroyed 2/8/72

SET RM #3 SEE NEXT PG.

FIREBREAK

TO: CHATSWORTH 4-1 F.B. 2459 55

300 FT TAPE No 144

50.875 @ Elev @ T = 88° = 50.875
54.370 @ Elev @ T = 88° = 54.370
105.25 @ Elev @ T = 88° = 105.25

50 Mtr. TAPE No M4

15.507 @ Elev @ T = 88° = 15.507
16.573 @ Elev @ T = 88° = 16.573
32.080 @ Elev @ T = 88° = 32.080

300 FT TAPE 4221

56.85 @ ELEV T = 74 = 56.85
54.28 @ ELEV T = 74 = 54.28

50 MTR TAPE #4

17.328 @ ELEV T = 74 = 17.328
16.545 @ ELEV T = 74 = 16.545

F.B. 2459 Pg. 70

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRAVERSE STATION

PICO G-10

AREA:

THIS TRAVERSE STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE SANTA SUSANA MTNS. ON A LEVEL AREA, 72' FT. EAST OF WHERE THE L.A. - VENTURA CO. LINE CROSSES THIS RIDGE. 10,000 FT. NORTH OF THE ANGLE POINT IN THE CO. BDRY. AT ROCKY PEAK.

ROUTE:

FROM THE INTERSECTION OF DEVONSHIRE & TOPANGA CYN. RD. TRAVEL NORTHLY 3.1 TO SUMMIT ON SANTA SUSANA PASS RD. TURN OFF ACROSS FREEWAY OVER PASS TO L-GATE, 0.05 MI., CONTINUE ALONG FIRE RD. 4.35 MILES TO A FORK, BR. RH PAST A CONC. DRAINAGE STRUCTURE & CONTINUE 0.35 MI. TO STATION ON RIGHT OF R.D.

STATION MARK: A 4" L.A. CO. SUR. CONT. SYSTEM BRASS CAP MON STAMPED PICO G-10 A 1977 RE 22726 UP 4" ON LINE WITH R.M. 1 & CHA. H-1

~~A 4" L.A. CO. SUR. CONT. SYSTEM BRASS TRAVERSE DISC, STAMPED "PICO G-10, 1969, R.E. 5869" UP 8" & IN A 12" x 12" CONC. PAD.~~

SUB SURFACE MARK: NONE SET.

REFERENCE MARKS:

NO. 1: A 4" L.A. CO. SUR. CONT. SYSTEM BRASS REFERENCE MARK DISC, STAMPED "PICO G-10 - R.M. 1 - 1967, R.E. 5869". UP 6" & IN A 6" CONC. POST, WITH A COLLAR OF CONCRETE POURED FLUSH. ON LINE TO CHATSWORTH H-1 (ROCKY PEAK)

~~NO. 2: IDENTICAL TO R.M. 1 EXCEPT STAMPED "R.M. 2"~~

NO. 3: A 4" L.A. CO. SUR. CONT. SYSTEM BRASS CAP MON STAMPED "PICO G10 A RM 3 1977 RE 22726 UP 4" ON LINE BETWEEN CHA. H-1 & R.M. 1.

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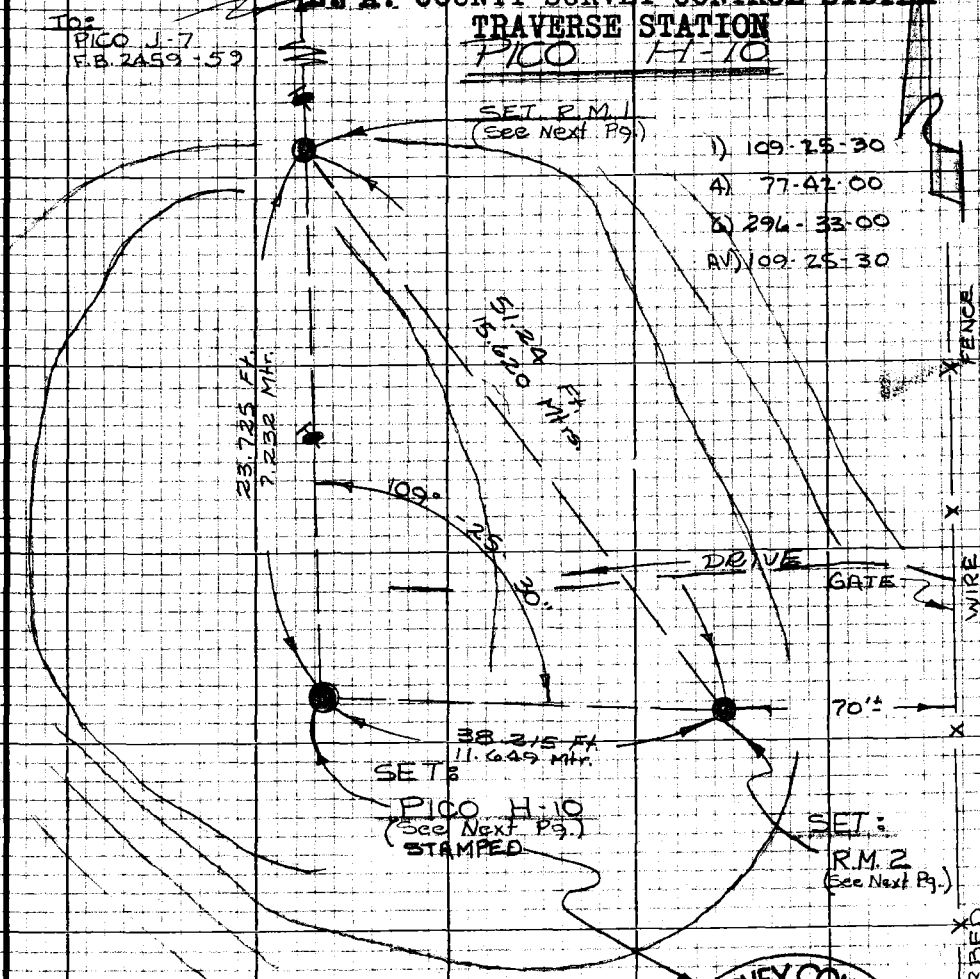
| | | |
|---|---|---|
| Notes Ck'd by | Survey of Geodetic Control | F.B. 2459 Pg. 71 |
| Map No. | JN0301.00 Tape 144 Std M-4 °F | |
| Office Work | Surveyed by Randall / Wilson | |
| Checked | Notes GR Date 13-Sep-67 | |
| Date | Indexed H. E. OTT | |

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRAVERSE STATION
## PICO H-10




300 Ft. Tape No. 144

51.24 @ Lev @ T=90° = 51.24

38.215 @ Lev @ T=90° = 38.215
23.725 @ Lev @ T=90° = 23.725

50 Mtr. Tape No. M-4

15.620 @ Lev @ T=90° = 15.620

11.649 @ Lev @ T=90° = 11.649

7.232 @ Lev @ T=90° = 7.232

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
PICO H-10
1967
SET BY
R.E. 5869
FOR INFORMATION
SEE COUNTY ENGINEER

Noted on Geo. Index Card
Placed on U.S.G.S. Quad. Sheet
Placed on Div. W.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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76P309S CE #310 5-66

F.B. 2459 Pg. 72

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRAVERSE STATION
## PICO H-10
(4 WHEEL DRIVE OR HIKE)

**AREA:** L.A.CO.

THIS TRAVERSE STATION IS LOCATED IN THE SANTA SUSANA MTNS., ON A PROMINENT FINGER RIDGE & AT THE N.W. END. THE QUAD. SHEET ELEV. IS SHOWN AS 2650 FT., ABOUT 4100 FT EAST OF THE L.A.-VENTURA COUNTY BDRY. LINE & 9350 FT. NORTH OF ROCKY PEAK (ANGLE POINT IN THE COUNTY BDRY.) SCALED FROM QUAD. SHEET.

**ROUTE:**

FROM THE (Rocky Peak Road) OFFRAMP ON THE SIMI FREEWAY, JUST WEST OF THE SANTA SUSANA PASS, DRIVE NORTHLY ON A FIRE TRUCK TRAIL, 0.3 MI TO A CABLE GATE (L-KEY), CONTINUE 2.8 MI., TO A "T" INTERSECTION (JOHNSON LATERAL), CONTINUE STRAIGHT, 1.8 MI. TO A METAL PIPE GATE (NO: LP&E) DOWN GRADE, CONTINUE 0.2 MI TO AN INTERSECTION, AT SUMMIT, TURN SHARP RIGHT AND UPGRADE 200 FT., BR. LEFT ON TRAVELED TRACKS, CONTINUE 0.2 MI. TO WIRE GATE. FOLLOW TRACKS PAST ABANDONED FARM 0.2 MI. FROM THIS POINT A 4 WHEEL DRIVE VEHICLE WILL REACH THE STATION. TURN OFF TRACKS AND UP STEEP GRADE SOUTHLY (RIGHT) TO SUMMIT, FOLLOW TOP OF RIDGE WESTLY TO STATION 800' ±.

APPROX. 30 MIN. DRIVE FROM THE FREEWAY

**STATION MARK:**

A 4" L.A.CO. SUR. CONT. SYSTEM BRASS TRAVERSE DISC, STAMPED "PICO H-10, 1967, R.E. 5869", UP 8" ± IN A 12" X 12" CONC. PAD

**SUB-SURFACE MARK:**

NONE SET

**REFERENCE MARKS:**

**Nº 1:** A 4" L.A.CO. SUR CONT SYSTEM BRASS REFERENCE MARK DISC, STAMPED PICO H-10, R.M.1, 1967 R.E. 5869", UP 8" ± IN A 12" X 12" CONC. PAD. ON LINE TO PICO U-7.

**Nº 2:** IDENTICAL TO R.M.1, EXCEPT STAMPED, R.M.2., BUT NOT ON LINE TO ANY STATION, IT IS SET AS SHOWN ON PAGE 71

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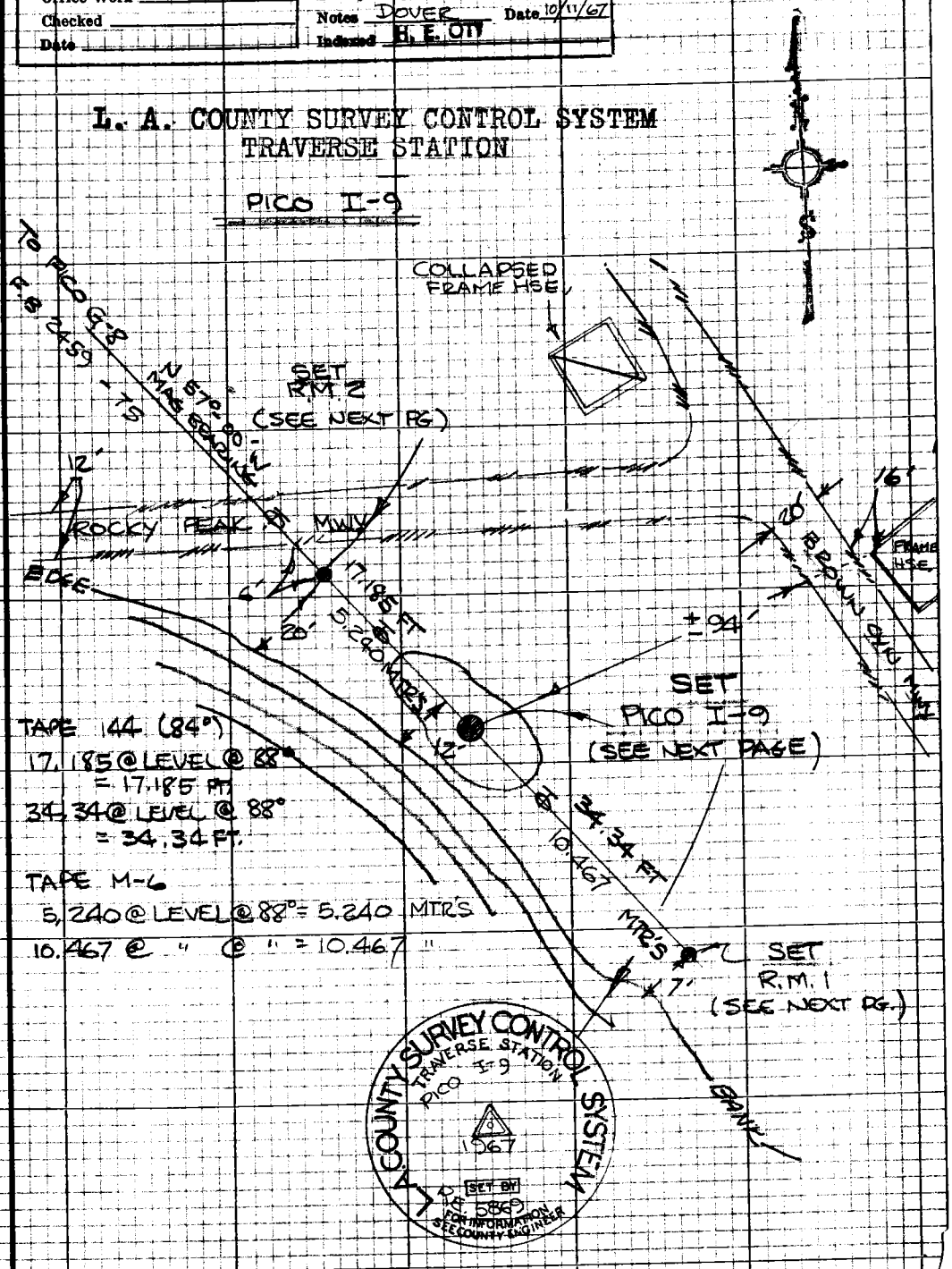
# GEODETIC CONTROL

| | | |
|---|---|---|
| Notes Ck'd by | Survey of | F.B. 2459 Pg. 73 |
| Map No. | JN 030100 Tape M-6 144 Std 84 °F | |
| Office Work | Surveyed by J. RANDALL | |
| Checked | Notes DOVER Date 10/11/67 | |
| Date | Indexed H. E. OTT | |

Noted on Geo. Index Card
Place U.S.G.S. Geod. Sta.
Place Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRAVERSE STATION

PICO I-9




TAPE 144 (84°)
17.185 @ LEVEL @ 88°
= 17.185 FT
34.34 @ LEVEL @ 88°
= 34.34 FT.

TAPE M-6
5.240 @ LEVEL @ 88° = 5.240 MTR'S
10.467 @ " @ " = 10.467 "

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
PICO I-9
1967
SET BY
R.E. 5869
FOR INFORMATION SEE COUNTY ENGINEER

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

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403 Los Angeles County Engineering Bldg.

76P3098 CE #310 5-66

F.B. 4459 Pg. 72

# GEODETIC CONTROL
# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRAVERSE STATION

PICO I-9

## AREA

THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY IN THE SANTA SUNSANA MTS., ± 2200' N AND ± 1600' E OF SW COR SEC 23 T 3 N R 17 W (SANTA SUSANA QUAD 7½') A PRINTED ROAD INTERSECTION (DIRT ROAD) OF SAID QUAD S.W. OF PRINTED RED 23 (SEC Nº)

## ROUTE

FROM THE INTERSECTION OF BROWNS CANYON RD AND BROWNS CANYON MWY (DIRT FIRE TRUCK TRAIL) WHICH IS 2.4 MILES UPGRADE FROM THE LOCKED (L-KEY) GATE AT BEGINNING OF BROWNS CANYON. TRAVEL 3.1 MILES ALONG BROWNS CANYON MWY THRU 3 UNLOCKED GATES TO THE INTERSECTION OF ROCKY PEAK AND BROWNS CANYON MWY. ± 90 FT WESTERLY OF THE INTERSECTION IS THE STATION ± 24 FT SO'LY OF ROCKY PEAK MWY.

## STATION MARK

A 4" L.A. COUNTY SURVEY CONTROL SYSTEM BRASS TRAVERSE DISC. STAMPED "PICO I-9 1967, RE. 5869 "UP 8" AND SET IN 12"X12" CONC PAD

## SUB SURFACE MARK

NO SUB SURFACE MARK WAS SET

## REFERENCE MARKS

### Nº 1

A 4" L.A. COUNTY SURVEY CONTROL SYSTEM BRASS REFERENCE MARK DISC. STAMPED "PICO I-9, R.M. 1, 1967, R.E. 5869 UP 8" AND SET IN 12"X12" CONC. PAD

### Nº 2

SAME AS R.M. 1 EXCEPT STAMPED "R.M. 2"

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403 Los Angeles County Engineering Bldg.

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| | |
|---|---|
| Notes Ck'd by | Survey of GEODETIC CONTROL F.B. 2459 Pg. 75 |
| Map No. | JN 0095.99 Tape 144 M-4 Std 84 °F |
| Office Work | Surveyed by J.G. Randall |
| Checked | Notes JGR Date 22 Aug 67 |
| Date | Indexed H. E. OTT |

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRAVERSE STATION

PICO G-8 SMALL SADDLE

1) 91° - 36 - 30
4) 6° - 26 - 00
AV) 91 - 36 - 30

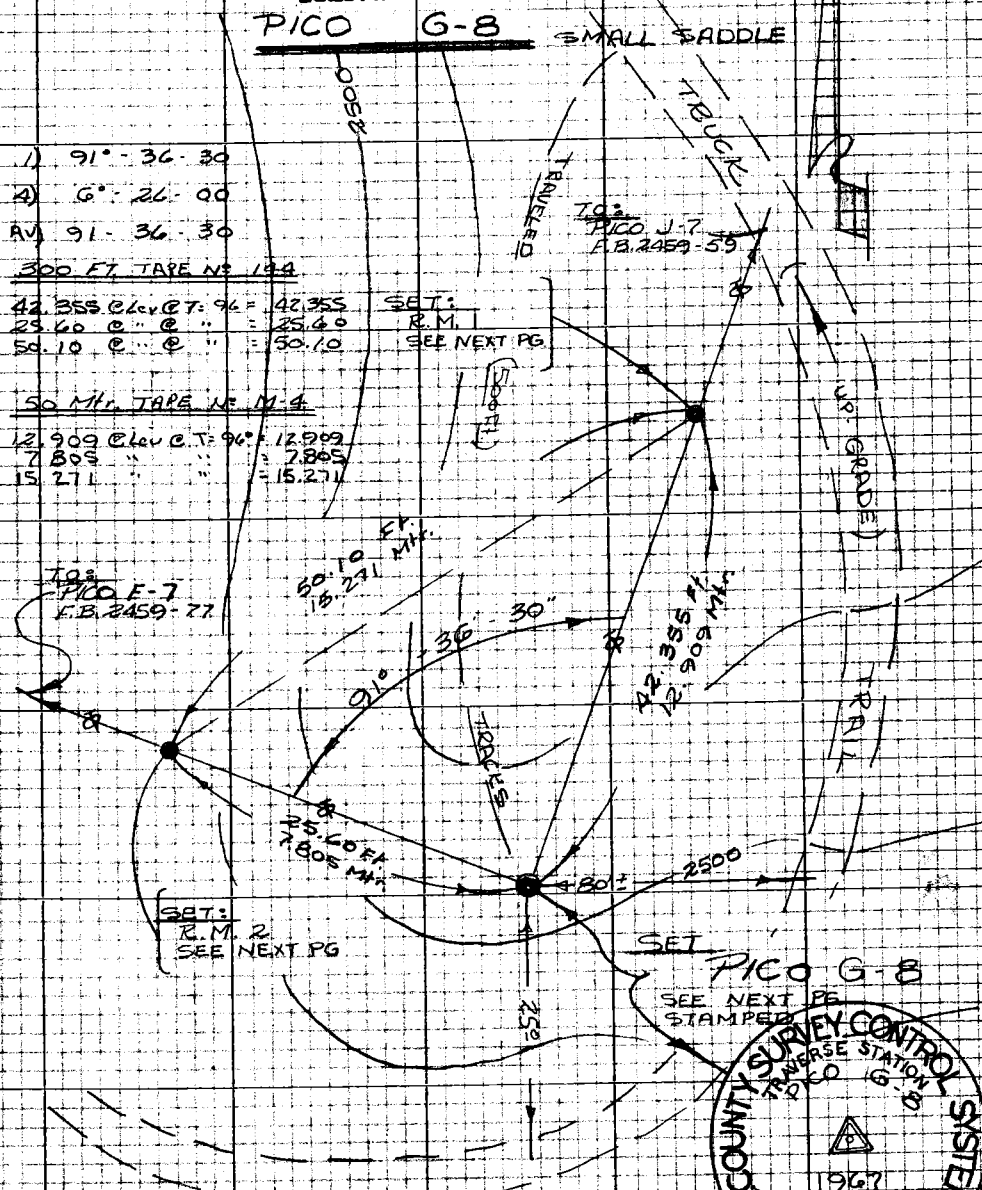
300 FT. TAPE No 144

42.355 @ Lev @ T: 96 = 42.355
25.60 @ " @ " = 25.60
50.10 @ " @ " = 50.10

SET: R.M. SEE NEXT PG

50 Mtr. TAPE No M-4

12.909 @ Lev @ T: 96° = 12.909
7.805 " " = 7.805
15.271 " " = 15.271




L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
PICO G-8
1967
SET BY
R.E. 5869
FOR INFORMATION SEE COUNTY ENGINEER

Noted on Geo. Index Card
Plat U.S.G.S. Quad. Shts.
Plat Sur. Div. W.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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76P309S CE #310 5-66

F.B. 2459 Pg. 76

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRAVERSE STATION

PICO ~ G-8

**AREA:** THIS TRAVERSE STATION IS LOCATED IN LOS ANGELES CO., IN A HORSESHOE CURVE IN "PISGAH GRANDE" MWY., 2500' W. OF THE N.W. COR. OF SEC. 23-T3N-R17W. & 2000' ± N.W. OF THE LA QUINTA RANCH. SEE U.S.G.S. 7½ QUAD. SANTA SUSANA.

**ROUTE:** FROM THE INTERSECTION OF PICO CYN. RD & THE GOLDEN STATE FWY., DRIVE WESTLY ON PICO CYN. RD 2¼ MI., TO A FORK, & GATE. DRIVE RIGHT & THRU. GATE, UP-GRADE, ⅔ MI., PASSING A REFINERY ON THE RIGHT, TO A CATTLE GUARD, CONTINUE ⅛ MI. TO A "T", TURN LEFT, SOUTH, & FOLLOW MAIN RD. 0.2 MI. TO A GATE, IN A CUT, THRU GATE 0.2 TO SALT CREEK RD. TURN LEFT ON THIS & CONTINUE 0.3 MI. TO A GATE, PASS THROUGH THIS GATE & CORRAL 0.1 MI. TO A FORK, BR. RIGHT AND ALONG BOT. OF CN, 1.1 MI. UP-GRADE TO A GATE (NO LOCK), UP GRADE ⅔ MI. TO A FORK, BR. LEFT A SHORT 0.1 MI., BR LEFT AGAIN ONTO PALO SOLO MWY., CONTINUE ¼ MI. WESTLY ON MWY. TO GATE, C.S. LOCK. 0.8 MI. TO "T" (INTERSECTION W/ PISGA GRANDE MWY.) TURN RIGHT THRU GATE & DOWNGRADE, ¼ MI. TO STATION, IN A SMALL SADDLE, JUST BEFORE A HORSESHOE CURVE, BR RIGHT AND ACROSS COUNTRY TO STATION.

**STATION MARK:** A 4" L.A.CO. SUR. CONT. SYSTEM, BRASS TRAVERSE DISC, STAMPED, " PICO G-8, 1967, R.E. 5869", UP 8" & IN A 12" x 12" CONC. PAD.

**SUB-SURFACE MARK:** NONE SET.

**REFERENCE MARKS:**

No 1

A 4" L.A.CO. SURVEY CONT. SYSTEM BRASS REFERENCE MARK DISC, STAMPED, " PICO G-8 R.M.1, 1967, R.E. 5869 UP 8" & IN A 12" x 12" CONC. PAD. ON LINE TO PICO ~~G-5~~ J-7

No 2

IDENTICAL TO R.M.1 EXCEPT STAMPED R.M.2", AND ON LINE TO PICO J-7

F

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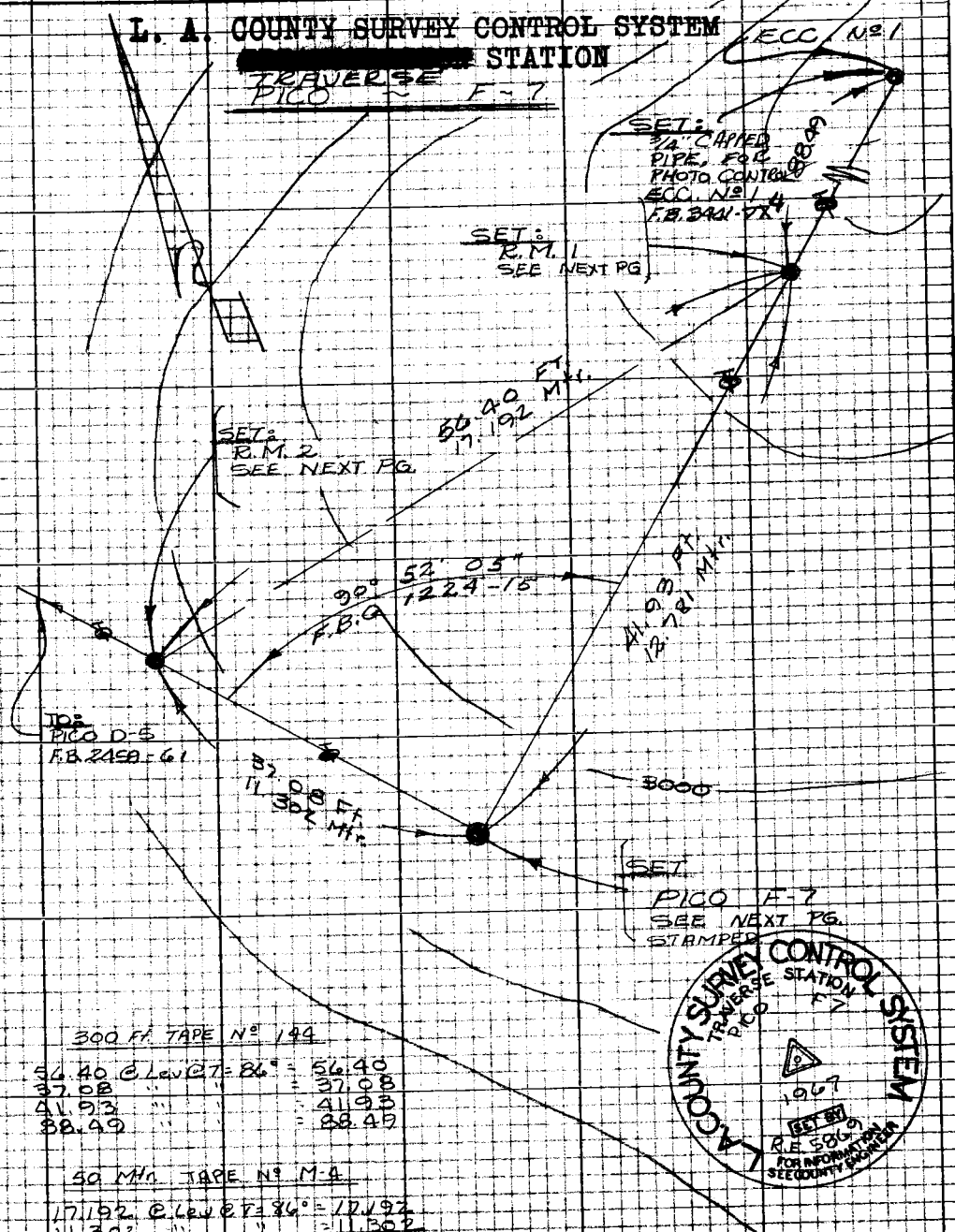
| | |
|---|---|
| Notes Ck'd by | Survey of GEODETIC CONTROL F.B. 2459 Pg. 70 |
| Map No. | JN0095.99 Tape 144 M-4 Std 84 °F |
| Office Work | Surveyed by J.G. Randall |
| Checked | Notes JGR Date 22-Aug-67 |
| Date | Indexed H. E. Ott |

# L. A. COUNTY SURVEY CONTROL SYSTEM

## [redacted] STATION

TRAVERSE
PICO ~ F-7




300 Ft. TAPE No 144

| | | |
|---|---|---|
| 56.40 @ Lev @ T = 86° | = | 56.40 |
| 37.08 " " | = | 37.08 |
| 41.93 " " | = | 41.93 |
| 88.49 " " | = | 88.49 |

50 Mtr. TAPE No M-4

| | | |
|---|---|---|
| 17.192 @ Lev @ T = 86° | = | 17.192 |
| 11.302 " " | = | 11.302 |
| 12.781 " " | = | 12.781 |

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
PICO F7
1967
SET BY
R.E. 586.9
FOR INFORMATION SEE COUNTY ENGINEER

Noted on Geo. Index Card
Placed on E.H.S. Quad. Shts.
Placed on Dir. W.S. No.
Sketch on Geo. Desc. Card

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76P3098 CK #310 8-66

F.B. 2459 Pg. 78

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRAVERSE STATION

PICO ~ F-7

**AREA:**

THIS TRAVERSE STATION IS LOCATED IN LOS ANGELES CO. IN THE SANTA SUSANA MTNS. ON A HILL TOP LABELED "3117" ON THE QUAD. SHEET. ABOUT 4000 Ft. WEST OF THE HEAD OF EL TORO CÑ. SEE SANTA SUSANA 7½' SHEET.

**ROUTE:**

FROM THE INTERSECTION OF PICO CÑ. RD. AND GOLDEN STATE FRW., TRAVEL WEST'LY ON PICO CÑ. RD. 2± TO A FORK & GATE, BEAR RIGHT, UP-GRADE, TO POTRERO CÑ., CONTINUE 2± MI. PASSING A REFINERY ON THE RIGHT TO A CATTLE GUARD, CONTINUE 1± MI. TO A "T", TURN LEFT AND FOLLOW MAIN RD. 0.7 MI. TO A GATE, IN A CUT. PROCEED 0.3 MI. TO AN INTERSECTION, TURN LEFT, SALT CREEK RD AN CONTINUE 0.2 MI. TO A GATE, TRAVEL THROUGH CORRAL 0.1 TO A FORK, BEAR RIGHT, AND CONTINUE ALONG BOTTOM OF CÑ. 1.1 MI. TO A GATE, NO LOCK, UP GRADE 2± TO A FORK, BEAR LEFT ALONG MAIN RD, CONTINUE A SHORT 0.1 TO "Y" BEAR LEFT, ON PALO SOLO MWY. FOLLOW EASTLY ALONG PALO SOLO MWY. 19, TO WHERE ROAD TURNS SHARPLY TO THE LEFT, (NORTH'LY), TURN RIGHT OF ROAD-WAY. FROM THIS POINT A 4-WHEEL DRIVE WILL MAKE IT TO THE STATION. APPROX. 2000' IN A SOUTH WEST'LY DIRECTION TO THE HIGHEST PART OF THIS RIDGE. FOLLOW THE COURSE OF FLATTEST GRADE.

**STATION MARK:**

A 4" L.A.CO SUR. CONT. BRASS TRAVERSE DISC, STAMPED "PICO F.7, 1967, R.E. 5869". UP 8" & IN A 12"x12" CONC. PAD.

**SUB-SURFACE MARK:** NONE SET:

**REFERENCE MARKS:**

No. 1:

A 4" L.A. CO. SUR CONT. SYSTEM BRASS REFERENCE MARK DISC, STAMPED, "PICO F-7, R.M. 1, 1967, R.E. 5869". UP 8" & IN A 12"x12" CONC. PAD.

No. 2:

IDENTICAL TO R.M. 1, EXCEPT STAMPED, "R.M 2" ON LINE TO PICO D-5, See OVER.

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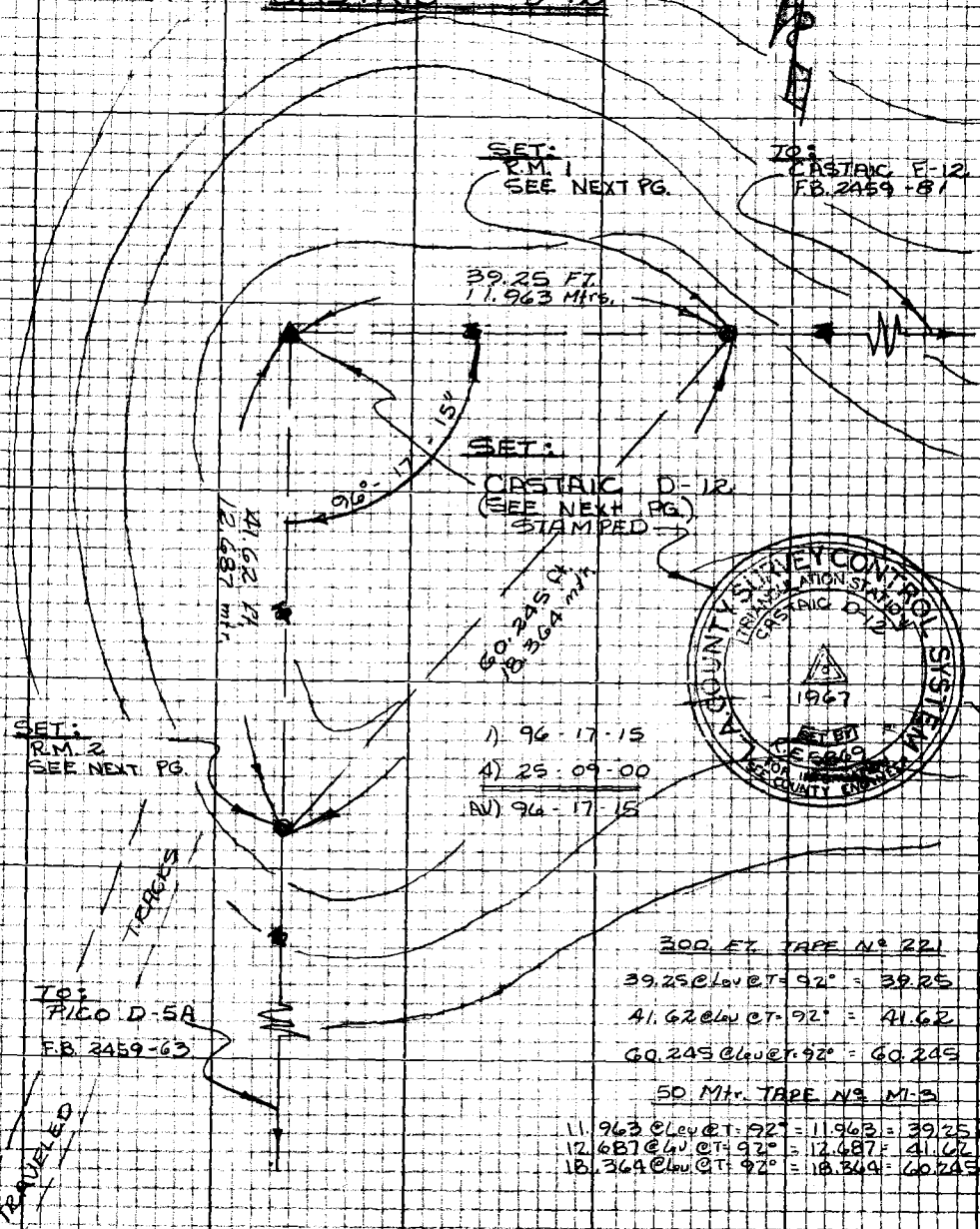
| | |
|---|---|
| Notes Ck'd by | Survey of Geodetic Control |
| Map No. | JN0301.00 Tape 221 M-3 Std 84 °F |
| Office Work | Surveyed by JG Randall |
| Checked | Notes JGR Date 17-Aug-67 |
| Date | Indexed H. E. OTT |

F.B. 2459 Pg. 79

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## CASTAIC ~ D-12




300 FT. TAPE No 221

39.25 @ Lev @ T = 92° = 39.25

41.62 @ Lev @ T = 92° = 41.62

60.245 @ Lev @ T = 92° = 60.245

50 Mtr. TAPE No M-3

11.963 @ Lev @ T = 92° = 11.963 = 39.25 Ft.

12.687 @ Lev @ T = 92° = 12.687 = 41.62 "

18.364 @ Lev @ T = 92° = 18.364 = 60.245


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

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76P3098 CK #310 8-66

F.B. 2459 Pg. 80

# L. A. COUNTY SURVEY CONTROL SYSTEM
# TRIANGULATION STATION

## CASTAIC ~ D-12

**AREA:** THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, ON A PROMINENT ROUNDED KNOB, ABOUT 1500' FT. SOUTH OF THE CENTER OF THE SANTA CLARA RIVER & SOUTH OF "MAYO SPUR" ON THE S.P.R.R. LINE TO P.R.U.

**ROUTE:** SEE 7½' VAL VERDE QUAD. SHEET. ALSO 4800± FT. EAST OF THE L.A. CO. - VENTURA CO. LINE. (SCALED FROM QUAD SHEET.)

FROM THE INTERSECTION OF PICO CN. RD. & THE GOLDEN STATE FRW., TRAVEL WESTLY ON PICO CN. RD. 2¢ MI. TO A FORK & GATE, BEAR RIGHT & UP GRADE, TO POTRERO CN., 2¢ MI. PASSING A REFINERY ON THE RIGHT, TO A CATTLE GUARD, CONTINUE 1¢ MI. TO A "T", TURN LEFT, AND FOLLOW THE MAIN RD. 0¢ MI. TO A 24" OAK TREE, TURN RIGHT AND ABOUT 170°, DRIVE UP RIDGE ON TRAVELED TRACKS, ABOUT 500' TO STATION.

**STATION MARK:**

A 4" L.A. CO. SUR. CONT. SYSTEM BRASS TRIANGLATION DISC, STAMPED, "CASTAIC ~ D-12', 1967, R.E. 5869", UP 8", AND IN A 12" x 12" CONC. PAD.

**SUB-SURFACE MARK:**

NONE SET.

**REFERENCE MARKS:**

**№ 1:**

A 4" L.A. CO. SUR. CONT. SYSTEM BRASS REFERENCE MARK DISC, STAMPED, "CASTAIC D-12, R.M.1, 1967, R.E. 5869", UP 8" & IN A 12" x 12" CONC. PAD. ON LINE TO CASTAIC E-12

**№ 2:**

IDENTICAL TO R.M. 1, EXCEPT STAMPED, "R.M. 2", ON LINE TO PICO D-5 A.

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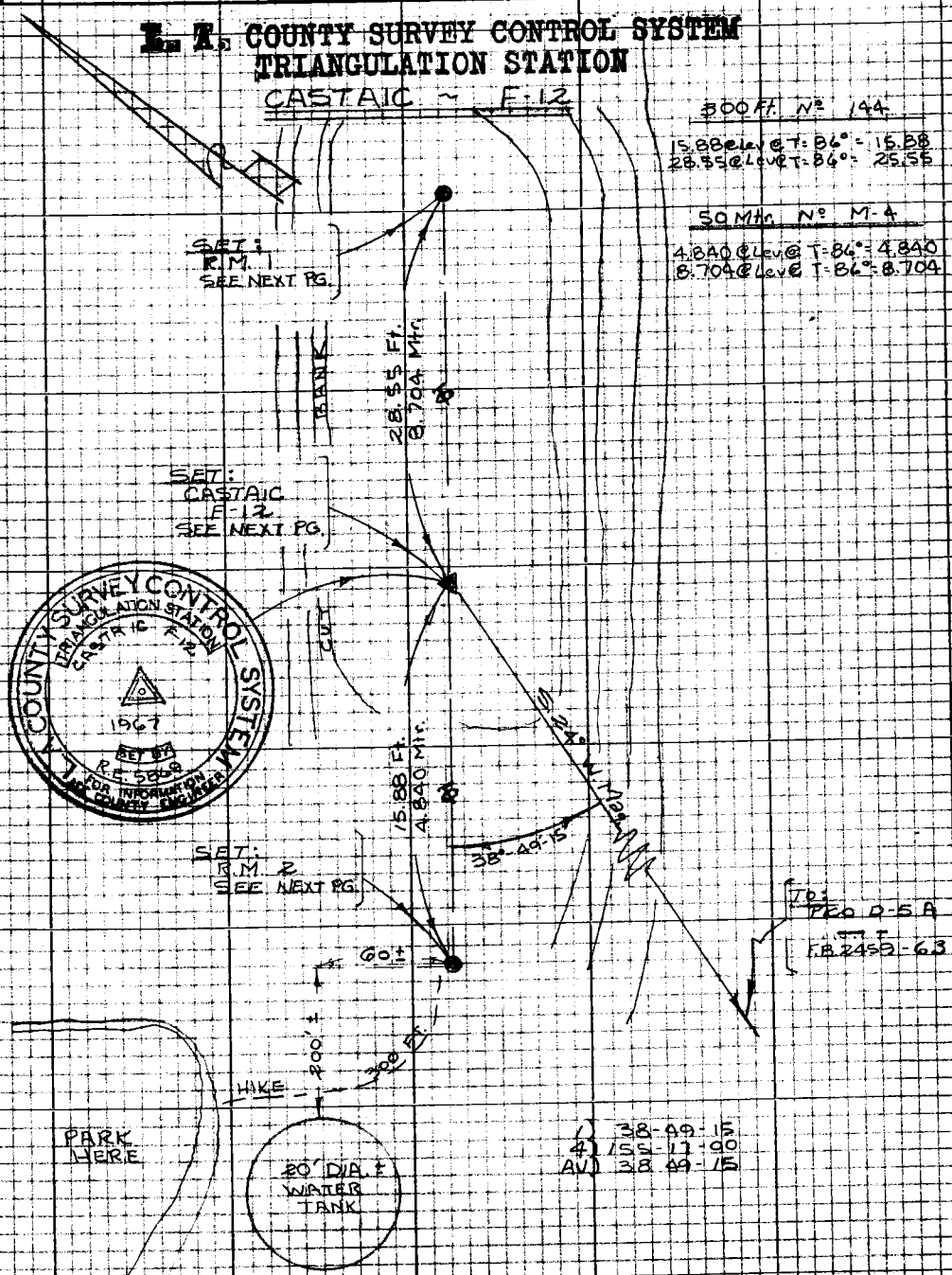
| | | |
|---|---|---|
| Notes Ck'd by | Survey of GEODETIC CONTROL | F.B. 2459 Pg. 81 |
| Map No. | JN 0301.00 Tape M-4 Std 84 °F | |
| Office Work | Surveyed by J.G. Randall | |
| Checked | Notes JGR Date 17-Aug-67 | |
| Date | Indexed H. E. OTT | |

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

CASTAIC ~ F-12




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

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76P3095 CK #310 5-66

F.B. 2459 Pg. 82

# L. A. COUNTY SURVEY CONTROL SYSTEM
# TRIANGULATION STATION

## CASTAIC ~ F-12

AREA:

THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE FOOTHILLS OF THE SANTA SUSANA MTNS (NORTH SIDE). APPROX. 1200 N.E. OF HILL 1976, AND 200 FT. E. OF A WATER TANK, ON TOP OF A SMALL RIDGE, & 6800' SOUTH OF AN ANGLE POINT IN THE RANCHO BORY. IN SEC. 22 ALONG THE SAUGUS-VENTURA RD. SEE U.S.G.S. "VAL VERDE 7½ MIN. SHEET.

ROUTE:

FROM THE INTERSECTION OF GOLDEN STATE FREEWAY & PICO CANYON RD. (NEWHALL), TRAVEL WESTLY ON PICO CN. ROAD 2.4 MI. to A GATE & Y, KEEP RIGHT & UP GRADE, ENTERING POTRERO CN. CONTINUE WEST'LY 1.1 MI. to T INTERSECTION, GAS LABROTORY, TURN RIGHT, PAVED ROAD, CONTINUE 0.2 MILES TO A T INTERSECTION, TURN LEFT AND TRAVEL 0.5 MI. to A CATTLE GUARD, CONTINUE UP GRADE 0.2 MI. to Y, BEAR LEFT, BESIDE AN OIL WELL SITE, 0.2 MI TO A DIRT ROAD ON THE LEFT, VERY STEEP UP GRADE 0.1 MILE TO FLAT AREA, AND PARK JUST BELOW A WATER TANK. HIKE 300 FT. ALONG RIDGE (EAST) TO STATION.

STATION MARK:

A 4" L.A. COUNTY SUR. CONT. SYSTEM BRASS TRIANGULATION DISC, STAMPED, "CASTAIC F-12, 1967, R.E. 5869," UP 2" AND IN A 6" CONC. POST.

SUB-SURFACE MARK:

NONE SET.

REFERENCE MARKS:

No. 1:

A 4" L.A.CO. SUR. CONT. SYSTEM BRASS REFERENCE MARK, DISC, STAMPED, CASTAIC F 12, R.M.1. 1967. R.E. 5869. UP 2" & SET IN A 6" CONC. POST.

No. 2:

IDENTICAL TO R.M.1 EXCEPT STAMPED "R.M.2"

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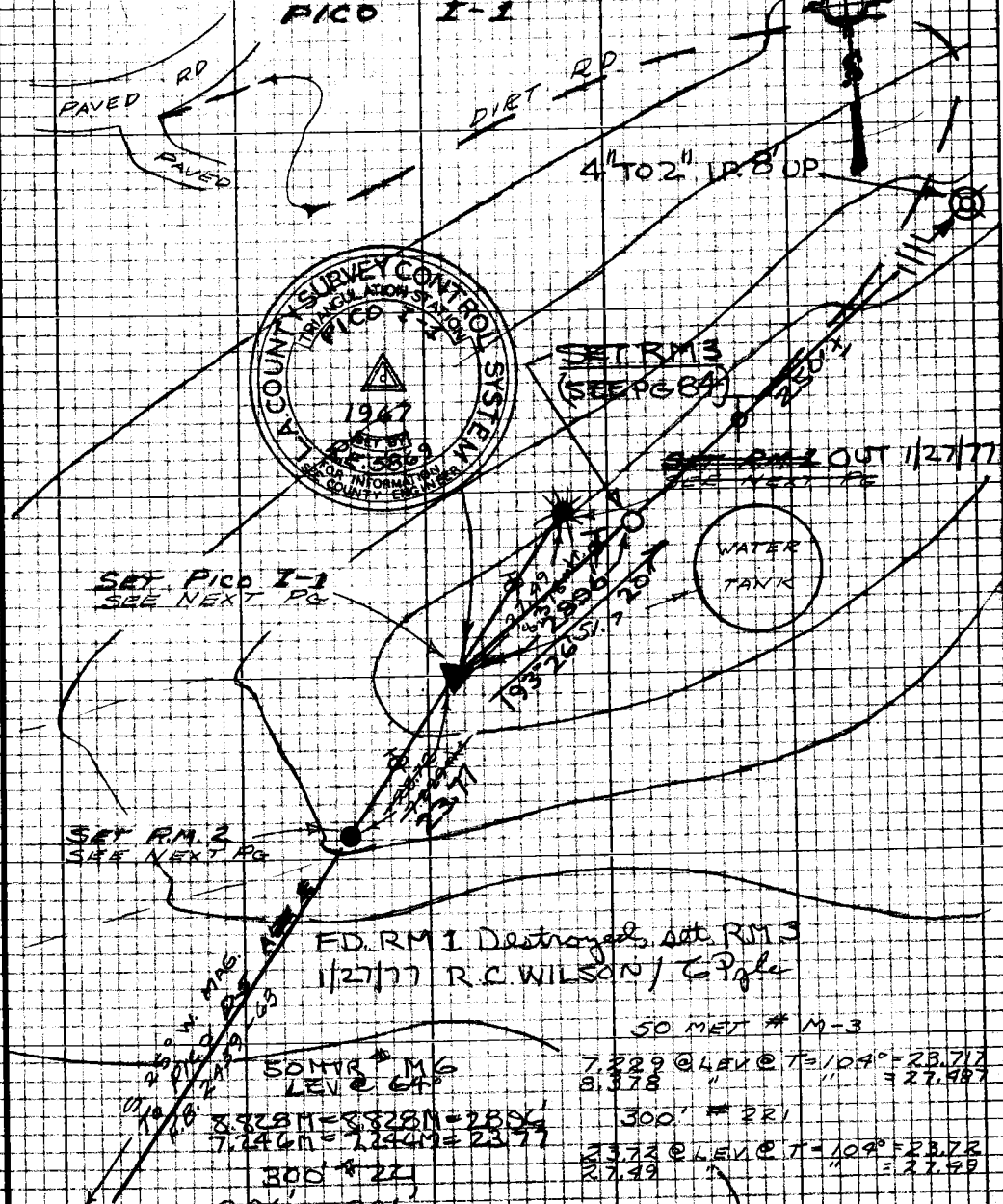
Notes Ck'd by
Map No.
Office Work
Checked
Date

GEODETIC CONTROL F.B. 2459 Pg. 83
Surveyed
JN 0097.11 Tape 221 Std 84 °F
Surveyed by C. ADAMS
Notes ADAMS Date 8-17-67
Indexed H. E. OTI

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## PICO I-1




Mailed on Geo. Index Card
Mailed on U.S.B.S. Quad. Strts.
Mailed on Bur. Div. W.S. No.
Sketch on Geo. Desc. Card

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76P3098 CE #310 5-66

F.B. 2459 Pg. 84

# L. A. COUNTY SURVEY CONTROL SYSTEM
# TRIANGULATION STATION
## PICO X-1

AREA — THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY ON A LOW RIDGE NORTH OF PORTREEO CYN., ON THE EAST EDGE OF U.S.G.S. QUAD SHEET "VAL VERDE", NEAR A WATER TANK (51.7 W.LY OF WATER TANK.) 8700' NO. OF THE BOTTOM JOIN LINE ON SHEET

ROUTE — FROM THE INTERSECTION OF PICO CYN RD & HYWY. "99", FOLLOW PICO CYN RD 2.9 MILES TO "Y", TAKE RIGHT FORK THROUGH GATE (SUNRAY DX OIL CO.) USING L-KEY, INTO PORTREEO CYN 2.0 MI TO SIDE ROAD, TURN RIGHT TRAVEL 0.05 MI TO "Y" THENCE RIGHT 1.5 MI. TO Y, THENCE LEFT 0.2 MI. TO "Y" THENCE LEFT 0.2 MI., TO TOP OF RIDGE IN SADDLE. TAKE DIRT ROAD AT INTERSECTION OF TWO PAVED RDS TO LEVEL WATER TANK PAD @ TOP OF PEAK 1000' ±

STATION MARK — A 4" L.A. CO. SUR CONT SYSTEM BRASS TRIANGULATION DISC STAMPED "PICO X-1, 1967, RE 5869" UP 5" & SET IN 12" X 12" CONC. PAD.

REFERENCE MARKS

R.M. 1, A 4" L.A. CO. SUR CONT SYSTEM BRASS REF MARK DISC STAMPED "PICO X-1, R.M. 1, 1967, RE 5869" UP 4" & SET IN 12" X 12" CONC PAD

R.M. 2 SAME AS R.M. 1, BUT STAMPED R.M. 2.

RM 3 IDENTICAL TO RM 1 EXCEPT STAMPED "RM 3 1977". SET ON TAN BTWN. PICO 11 & A 2" I.P. OIL LEASE BORY MARKER NO. X1; LINE BEING TAKEN ON THE CENTER OF THE "X"

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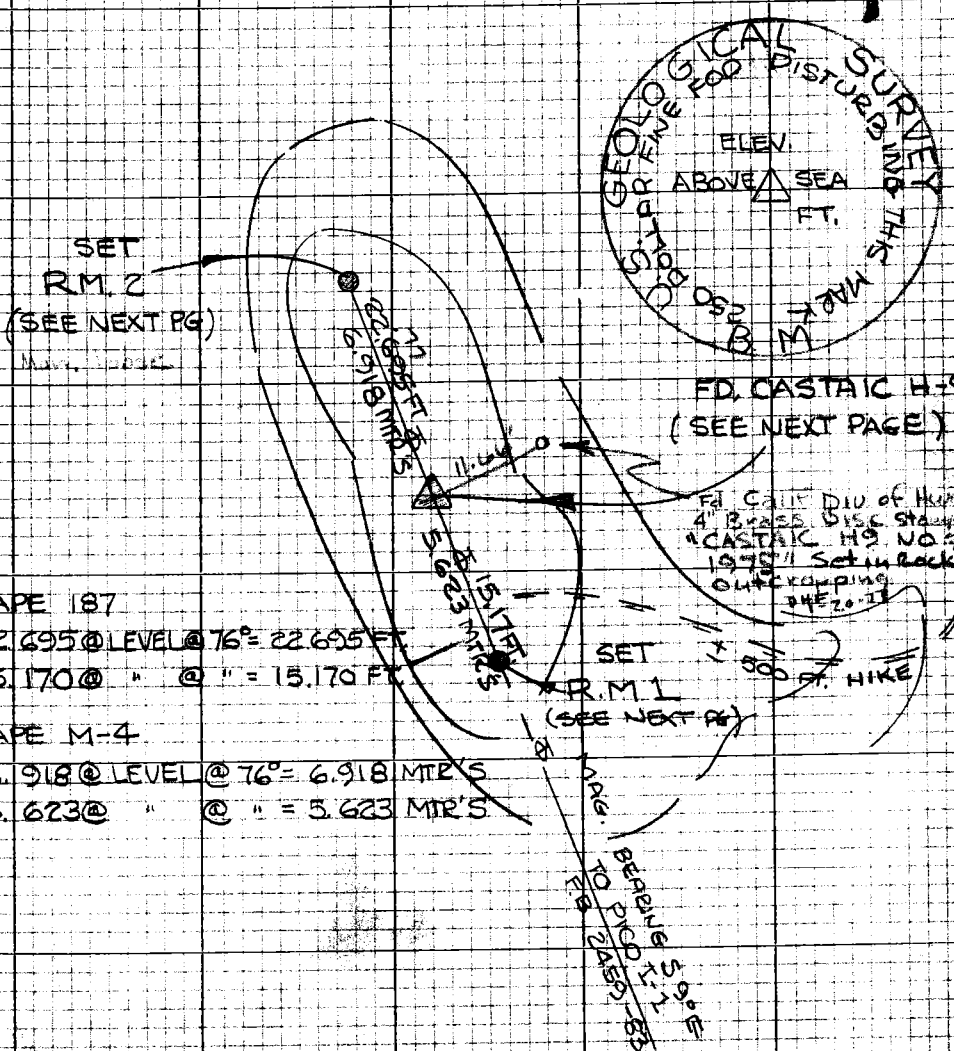
| | |
|---|---|
| Notes Ck'd by | Survey of GEODETIC CONTROL F.B. 2459 Pg. 85 |
| Map No. | JN 0301.00 Tape 187 Std 84°F |
| Office Work | Surveyed by J. G. RANDALL |
| Checked | Notes DOVER Date |
| Date | Indexed H. E. ON |

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## CASTAIC H-9




TAPE 187
22.695 @ LEVEL @ 76° = 22.695 FT.
15.170 @ " @ " = 15.170 FT.

TAPE M-4
6.918 @ LEVEL @ 76° = 6.918 MTR'S
5.623 @ " @ " = 5.623 MTR'S

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

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76P3098 CE #310 5-66

F.B. 2459 Pg. 86

# GEODETIC CONTROL
## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## CASTAIC H-9

## AREA

THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE CASTAIC AREA NORTH OF HIGHWAY 126, NEAR THE DEL VALLE OIL PLANT. ± 1200 FT N.W. SAUGUS - VENTURA ROAD (HIGHWAY 126) ± 9450' S.W. CASTAIC JUNCTION AND ± 2800' INSIDE RANCHO BDRY, ON A SMALL PEAK MARKED 1502 ELEV ON CASTAIC 7½ MIN QUAD (1958)

## ROUTE

FROM THE INTERSECTION OF SAUGUS-VENTURA ROAD AND PAVED SIDE ROAD (OPPOSITE ROUTE 3 BOX 79) ± 300 FEET WEST OF BRIDGE THAT CROSSES FIRST WASH WEST OF CASTAIC JUNCTION, TURN RIGHT ONTO PAVED DOWNGRADE ROAD 0.1 MI TO PIPE RAIL GATE (L-KEY) THRU GATE AND ± 200' TO DIRT ROAD ON LEFT (WEST). TRAVEL UPGRADE ON DIRT ROAD 0.35 MILE TO FLAT BENCHED OUT SPOT APPROX 100'X100' PARK HERE AND HIKE ± 500' TO TOP OF PEAK AND STATION

## STATION MARK

A 4" U.S.G.S. BRASS DISC, STAMPED " (NOTE: NO STAMPING ON BRASS DISC.) SEE FRONT PAGE FOR CAST FACE OF DISC, FLUSH AND SET IN 4"X6" CONC POST.

## SUB SURFACE MARK

NO REFERENCE TO POINT. NO SEARCH WAS MADE FOR SUB-SURFACE PT.

## REFERENCE MARKS

**№ 1** A 4" L.A. CO. SUR. CONT. SYSTEM BRASS REFERENCE MARK DISC STAMPED "CASTAIC H-9, R.M. 1, 1967, R.E. 5869 UP 3" AND SET IN A 6" CONC. POST

**№ 2** SAME AS R.M. 1 EXCEPT STAMPED "R.M. 2"

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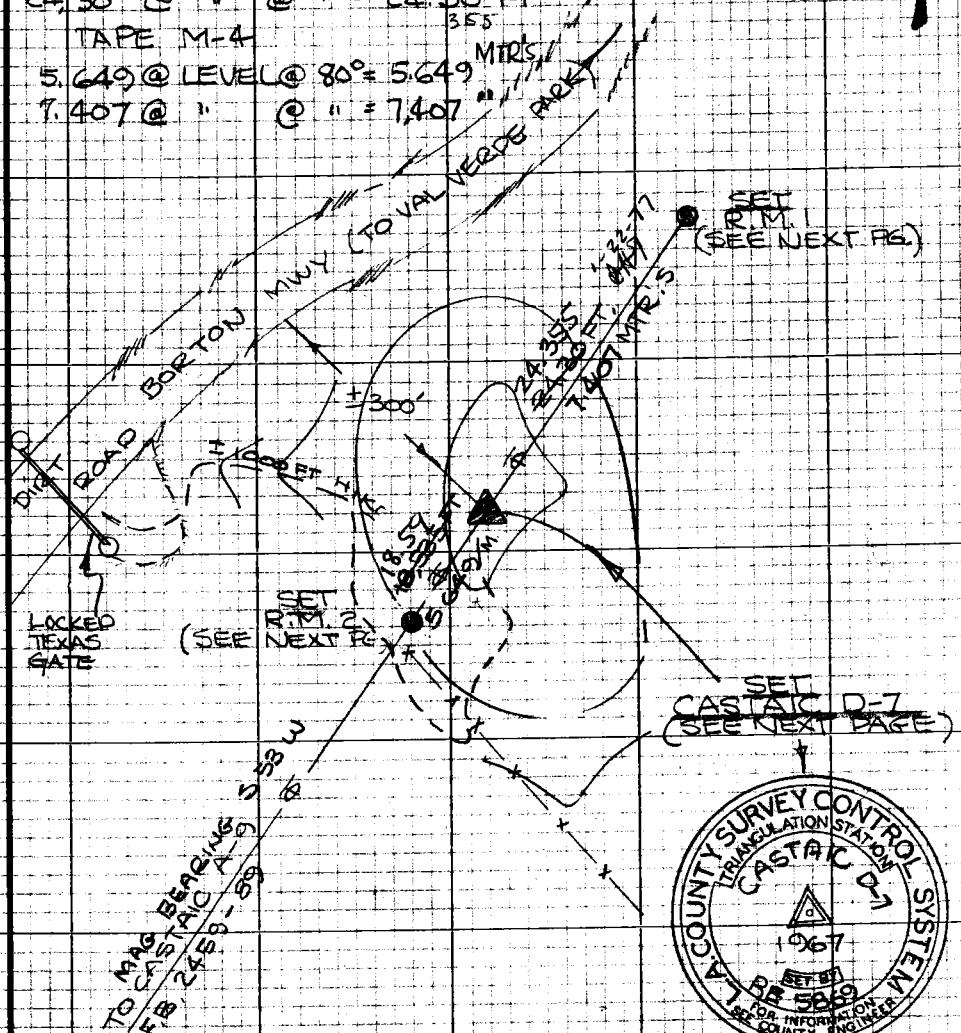
# GEODETIC CONTROL

| | | |
|---|---|---|
| Notes Ck'd by | Survey of CASTAIC AREA | F.B. 2459 Pg. 87 |
| Map No. | JN 030100 Tape 187 Std 84 °F | |
| Office Work | Surveyed by J. G. RANDALL | |
| Checked | Notes DOVER Date OCT-67 | |
| Date | Indexed H. E. OTT | |

## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## CASTAIC D-7

TAPE 187 , 59
18.535 @ LEVEL @ 80° = 18.535 FT.
24.30 @ " @ " = 24.30 FT
355
TAPE M-4
5.649 @ LEVEL @ 80° = 5.649 MTR'S
7.407 @ " @ " = 7.407 "




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

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F.B. 2459 Pg. 88

# GEODETIC CONTROL

## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## CASTAIC D-7

### AREA

THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, IN THE AREA OF VAL VERDE COUNTY PARK, ± 1400' NORTH AND ± 1000' E OF THE S.W. COR. SEC. 9 T4N R17W, N.W. OF PRINTED "1827", ON QUAD SHEET, CASTAIC, 7½ MIN. (1958) ± 300' S.E. OF PRINTED DIRT ROAD.

### ROUTE

FROM THE INTERSECTION OF PAVED FIRE TRUCK ROAD AND THE WEST END VAL VERDE PARK, PARKING LOT. THRU LOCKED CABLE GATE (L-KEY) 0.1 MILE PVMT ENDS, CONTINUE 0.4 MILE UPGRADE TO FORK BEAR STRIGHT AND UPGRADE 0.6 MILE TO LOCKED TEXAS GATE AND SUMMIT, PARK TO THE LEFT OF GATE AND HIKE UPGRADE AND E'LY ± 1000 FT. TO PEAK AND STATION.

### STATION MARK

A 4" L.A. CO. SUR. CONT. SYSTEM BRASS TRIANGULATION DISC, STAMPED "CASTAIC D-7 1967 R.E. 5869" UP 6" AND SET IN A 6" CONC. POST

### SUB SURFACE MARK

NO SUB SURFACE MARK (OR POINT) WAS SET

### REFERENCE MARKS

#### No 1

A 4" L.A. CO. SUR. CONT. SYSTEM BRASS REFERENCE MARK DISC. STAMPED "CASTAIC D-7, R.M. 1, 1967, R.E. 5869" UP 4" AND SET IN A 6" CONC. POST.

#### No 2

SAME AS R.M. 1 EXCEPT STAMPED "R.M. 2"

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

Survey of GEODETIC CONTROL F.B. 2459 Pg. 89
JN 230.00 Tape 187 Std 84 °F
Surveyed by J. G. RANDALL
Notes Date 1-4-67
Indexed C. J. GALLI

Attach on Sec. Index Card
Placed on U.S.G.S. Quad. Sht.
Placed on Div. W.S.Ms.
Sketch on Geo. Desc. Card

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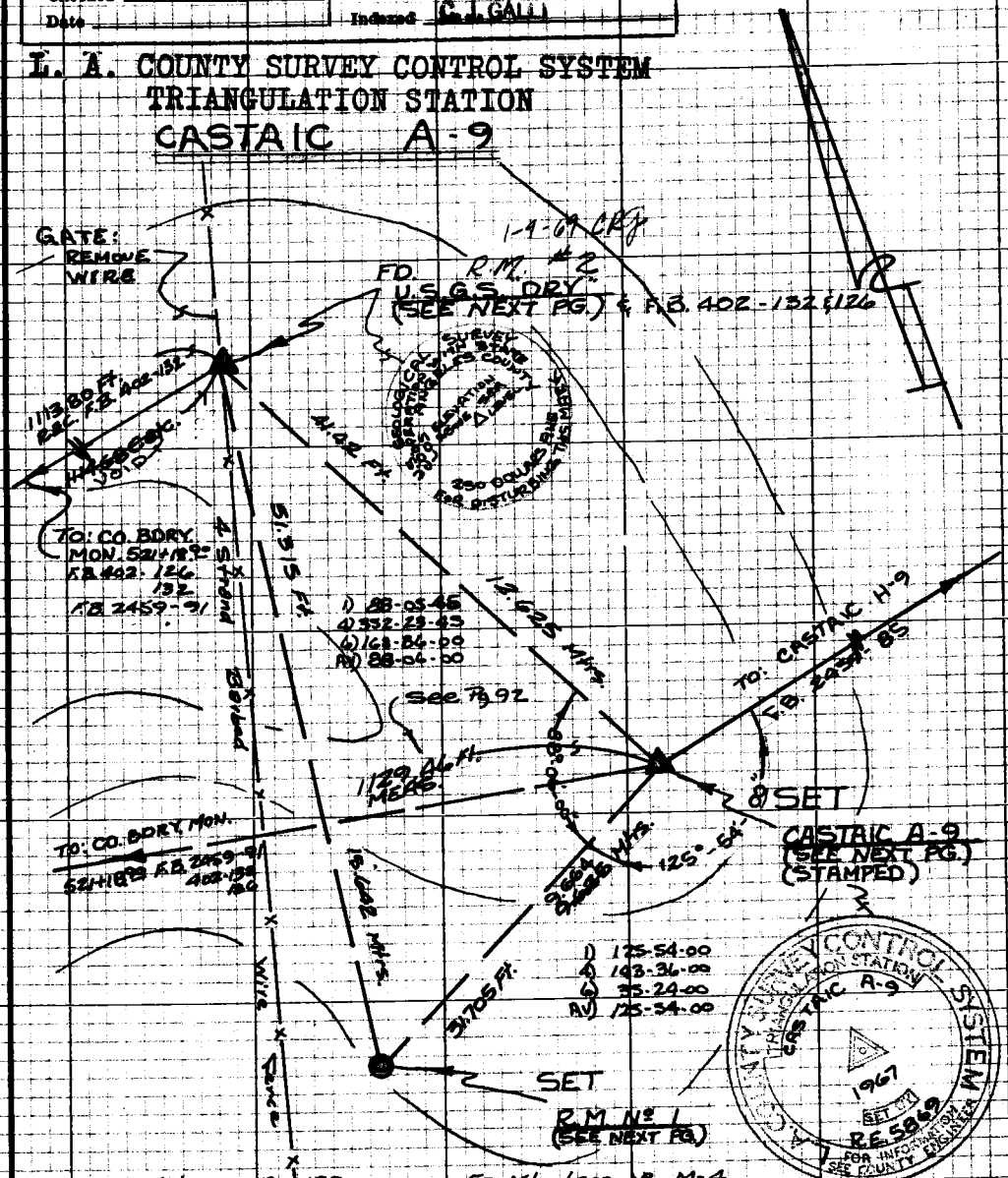
# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## CASTAIC A-9




300' tape No 187 — 50 Mtr. tape No M-4

| | ALL TEMP. = 80° | |
|---|---|---|
| 41.442 @ Lev = | 41.442 | 12.625 @ Lev = 12.625 |
| 31.705 @ Lev = | 31.705 | 9.664 @ Lev = 9.664 |
| 51.315 @ Lev = | 51.315 | 15.642 @ Lev = 15.642 |

78-2028 CE #310 5-68

F.B. 2459 Pg. 90

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## CASTAIC A-9

**AREA:** This Triangulation Station is in LOS ANGELES COUNTY, on a hill marked "2168", 1500' W & 700' No. of the S.E. COR. of Sec. 18 - T4N: R18W, just No. of the Rancho Bdry. on the Val Verde 7½ min. QUAD. SHEET.

**ROUTE:** From the intersection of San Martinez Grande & Cal 126 (Saugus - Ventura Rd.) travel Northerly 2.8 Mi. on San Martinez Grande to the intersection with Barton MWY., turn left and travel 0.3 Mi. to a fork, turn Rt. and upgrade, still on paved rd., 0.1 Mi. pass fenceline and open gate Continue 0.2 mi., turn sharp left & upgrade Pumt ends 300', 0.4 mi. to Summit - Saddle & "T" intersection. Turn sharp Rt. off traveled Road and up ridge 0.3 mile to the station, at summit of ridge. Top of ridge bears East & West, Station is 40' East of 4 Strand Barbed wire fence.

**STATION MARK:**
A 4" L.A.CO. SUR CONT SYSTEM, brass triangulation disc, stamped "CASTAIC A-9, 1967, [redacted] R.E. 5869", up 8" & in a 12" x 12" Conc. Pad.

**SUB SURFACE MARK:**
NONE SET.

**REFERENCE MARKS:**

**No 1:** A 4" L.A.CO SUR. CONT. SYSTEM, brass reference mark disc, Stamped, "CASTAIC A-9, RM1, 1967, R.E. 5869", up 8" and in a 12" x 12" Conc. Pad.

R.M. #2 1-9-68 CMG

**U.S.G.S. MARK:** A 4" U.S.G.S. brass disc, stamped Nothing, See over (preceding page) for mark as Cast, up 3" and set in a 6" x 4" Conc. post. See F.B. 402. 126 & 132 for tie to L.A. - Ventura Co. Bdry.

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# GEODETIC CONTROL

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

Survey of Chatsworth - Castaic
JN 02-0100 Tape 144 Std 84 °F
Surveyed by Wilson / Randall
Notes JGR Date 6 Jan 68
Indexed by J. GALLI

F.B. 2459 Pg. 91

## COUNTY BOUNDARY MONUMENTS

TO:
U.S.G.S. "DRY"
F.B. 402-132
2459-89

COUNTY SURVEYOR'S MONUMENT
Co. Co. L.A. Co. BDY.

LOS ANGELES VENTURA

1113.80(R) F.B. 402-132

1129.46 M F.B. 2459-92

TO:
CASTAIC A-9
F.B. 2459-89

521 + 18.90 (REC)

F.D. A 2½" COUNTY SURVEYORS BRASS DISC, STAMPED AS SHOWN ABOVE. UP 3G" AND SET IN A POURED CONC. POST - 12"x12" AT THE TOP AND BOTTOM & 8" x 8" AT THE TOP. PER F.B. 402-126 & 2459-92.

NOTE:
A SEARCH WAS MADE FOR THE Co. BDY. MON. AT SAUGUS - VENTURA ROAD. NOTHING FOUND.

NOTE!
SEE F.B.G. 1208-26 & 1210-20 FOR ANGLES.

SAUGUS

SANTA

25,984.13 REC. PER F.B. 402-124

COUNTY

SHARP RIDGE

COUNTY SURVEYOR'S MONUMENT
Co. Co. L.A. Co. BDY.

261 + 34.17 (REC)
A.D. A 2½" COUNTY SURVEYORS BRASS DISC, STAMPED AS SHOWN ABOVE. FLUSH AND SET IN A 12" x 12" CONC. PAD. 1675' ± S.E. OF HILL 3004 & 6700' SO. OF GRANT BDY. SEE SANTA SUSANA 7½ MIN SHEET. F.B. 402-126 & 134.

TO:
PICO D-5
F.B. 2459-61

GEODIMETER DISTANCE F.B. 3615-55

261 + 34.39 (REC)
A.D. A 2" I.P. W/ WOOD PLUG. (THE PLUG IS VERY LOOSE) UP 3". PER F.B. 402-134.

NOTE:
SEE F.B.G. 1209-11, FOR ANGLES.

S. 37° E
S. 39° M

TO:
CHATSWORTH H-1 CO. BDY. MON. ALSO KNOWN AS "ROCKY PEAK".
F.B. 136-82
402-125
2059-55

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Rules of Holder Card
Placed in U.S. Quad Shts.
Placed in Sht. Div. W.S. No.
Sketch on Geo. Recd. Card

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7682DBS ICK #310 8-68

F.B. 2452 Pg. 92

# TIE TO COUNTY BOUNDARY MONUMENT


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403 LOS ANGELES COUNTY ENGINEERING BLDG.


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41.40 Mons on 7/1/77
41.42 M
F.B. 2459-89

FD CASTRIC A-9 F.B. 2459-89

FD U.S.G.S. "DBY" F.B. 402-132 2459-89 & 91

180° - 00' - 11.72" = Δ
11.71 Seconds

WEST BANK OF DRY RESERVOIR

707.79 M.

(See Below)

300' TAPE No. 144

(ALL TEMP. = 94°)

| | | | |
|---|---|---|---|
| 132.99 @ 6°-51'-57" | = | 132.91 | 132.005 |
| 132.81 @ 6°-52'-20" | = | 132.00 | |
| 299.51 @ 25°-33'-33" | = | 298.19 | 298.1 OD |
| 299.72 @ 25°-59'-59" | = | 298.09 | |
| 86.44 @ Lev | = | 86.04 | 86.440 |
| 191.24 @ 1°-12'-42" | = | 191.20 | 191.200 |
| 191.29 @ 1°-44'-44" | = | 191.20 | |
| 233.62 @ 6°-47'-47" | = | 232.14 | 232.150 |
| 233.42 @ 5°-58'-58" | = | 232.16 | |

707.745'
+.044'
707.789

232.150'
.015'
232.165

191.50 @ 8°-18'-18" = 189.49 | 189.495
191.34 @ 8°-18'-00" = 189.50 | 189.495
2459-91 | 189.495

1729.393
.129
1729.522

1729.522

FD 521+18.99 CO. BDY. MON. F.B. 402-126 132 2459-91

189.507

232.165'

CHORD POINTS

N 17°-58'-00.81" E 189.507

11.29 M. (Meas on 7/1/77)

11.29 Chd

N 17°-58'-00.81" E 189.507

FD 526+34.17 CO. BDY. MON. F.B. 402-122 2459-91

LOS ANGELES VENTURA COUNTY COUNTY

104°

Do not extend this line or this title.

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

Survey of PICO CYN RD
JN0097W Tape 221 Std 89 °F
Surveyed by C. ADAMS
Notes ADAMS Data 8-28-61
Indexed H. E. Ott

F.B. 2459 Pg. 93

Listed on Index Card
Placed on U.S. Geod. Bks.
Placed on Mor. Div. W. & S. No.
Sketch on Desc. Recs. Card

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402 LOS ANGELES COUNTY ENGINEERING BLDG.

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# L. A COUNTY SURVEY CONTROL SYSTEM

## TRAVERSE STATION
## ~~TRIANGULATION~~
## ~~SYSTEM~~ ~~RECORD~~

## CASTAIC D-1

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
LOMA VERDE
RESET 1961
SET BY
RE 5863
FOR INFORMATION SEE COUNTY ENG. NEAR

Ac LOMA VERDE (SEE NEXT Pg)
F.B. 943-77

FD. R.M. 1 (SEE NEXT Pg)

N 29° 03' 26" W 54.50

N 0° 02' 31" E 1.558.92

N 33° 26' 34" E 69.645

S 0° 02' 31" W 1224.12

FD. RM. 2 (SEE NEXT Pg)

COUNTY SURVEYOR
T5N
R17W
SEC 21
SEC 28
N 0° 02' E 2177

CASTAIC D-1A

Ac MK. & SEC. COR
A 2" BRASS DISC
SET IN 6" CONC
POST UP 4"
No REF., Doc. F.B. 943-77

LEVELED PAD

50 MET #M-3

| | | | |
|---|---|---|---|
| 19.671 | @ LEV | @ T=102° | = 69.597 |
| 23.592 | " | " | 77.92 |
| 11.935 | @ " | " | 37.582 |
| 10.516 | " | " | 34.501 |

300 T # 221

| | | | |
|---|---|---|---|
| 69.595 | @ LEV | @ T=102° | 69.595 |
| 77.91 | " | " | 77.92 |
| 37.585 | " | " | 37.585 |
| 34.50 | " | " | 34.50 |

PICO CYN RD

DIRT RD

7-2308 CK #310 8-58

F.B. 2450 Pg. 94

# L A COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION ~~TRAVERSE~~ STATION
## LOMA VERDE

**AREA** THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, ON OR NEAR THE NORTH LINE OF SEC 28, T5N R17W, IN A REGION MARKED LOMA VERDE, VABM 2494, ON THE NORTH EDGE OF U.S.G.S. QUAD. "VAL VERDE" ABOUT 2.6 MI. WEST OF CASTAIC.

**ROUTE** FROM THE INTERSECTION OF HYWY "99" & HASLEY CYN RD, FOLLOW HASLEY CYN RD APPROX 2.3 MILES TO RAMERO CYN RD, FOLLOW RAMERO CYN. RD. 0.6 MI. TO THE ZEREB ARABIAN RANCH, BEAR RIGHT @ "Y" 0.3 MI. TO GATE (NO LOCK), BEAR LEFT @ "Y" 0.9 MI. TO "Y" BEAR LEFT 0.9 MI. TO HOUSE ON LEFT, FOLLOW ROAD 0.1 MI. TO CABLE GATE ("L" KEY OR KEY OBTAINED FROM OWNER), FOLLOW ROAD 0.1 MI TO GATE (No LOCK) OBTAIN KEY FROM OWNER, FOLLOW RD 0.5 MI. TO "Y", BEAR LEFT 0.9 MI. TO LEVELED PAD NEAR TOP OF RIDGE, THENCE 0.2 ALONG TRAV. TRACK TO LEVEL PAD @ TOP OF RIDGE. POINT IS ON S.W. EDGE OF PAD.

**NOTE** →

**STATION MARK** A 4" L.A. Co. SUR CONT SYSTEM BRASS TRIANGULATION DISC STAMPED "LOMA VERDE RESET 1961 RE 5869 UP 4" & SET IN 12"X12" CONC. PAD

**REFERENCE MARKS**

R.M. 1 A 4" USC&GS BRASS REF MARK DISC, STAMPED "LOMA VERDE No 1 1932" SET IN STONE FLUSH.

R.M. 2 SAME EXCEPT STAMPED No 2 SET IN 12"X14" STONE UP 6"

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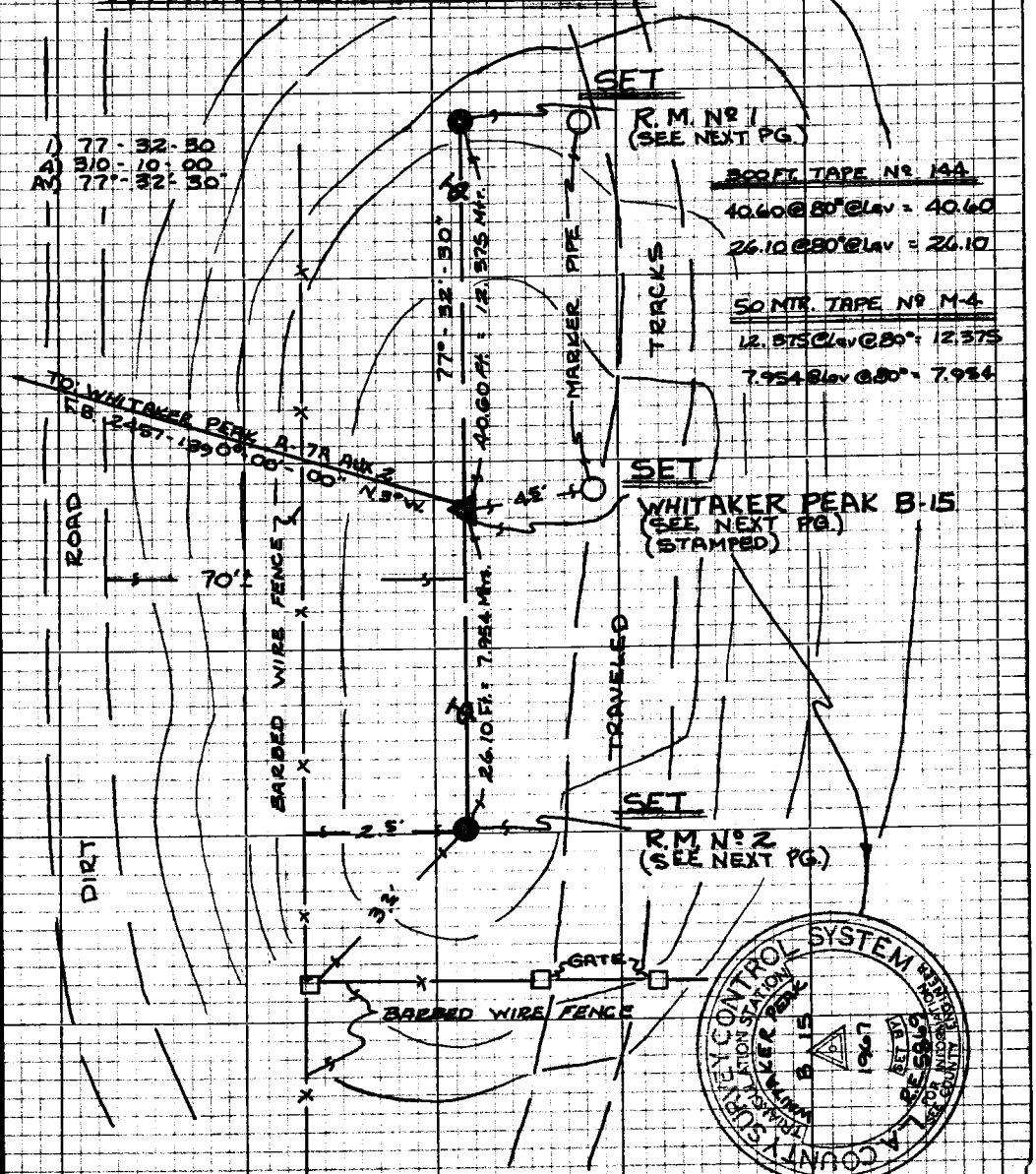
| | | |
|---|---|---|
| Notes Ck'd by | Survey of Geodetic Control | F.B. 2459 Pg. 95 |
| Map No. | JN0301.00 Tape M-4 144 Std 84 °F | |
| Office Work | Surveyed by Wilson - Randall | |
| Checked | Notes JGR Date 9-Oct-67 | |
| Date | Indexed H. E. OTT | |

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## WHITAKER PEAK B-15

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Placed on G.S. Quad. Shts.
Placed on Cor. Div. W.S. No.
Sketch on Doc. Desc. Card

76P3095 CE #310 5-66

F.B. 2459 Pg. 96

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## WHITAKER PEAK B-15

**AREA:** This Triangulation Station is located in Los Angeles County, in the Angeles National Forest, on a hill marked "2242", in the S.W.¼ of Sec. 23 T5N. R18W. 3400'± So. & 2000'± E. of the N.W. Cor. of the above Section, and 500'± E. of the L.A.-Ventura County Line. See Whitaker Peak 7½ min. Sheet.

**ROUTE:** From the Post Office in the Town of PIRU, California, drive north on the main Road past the Santa Felicia Dam to the Temescal Guard Station (Las Padres National Forest). Continue north on paved road ½ Mi. to the end of the pavement Continue on the same road 4.0 Mi. to fork at Fusharo Camp (Private), Br. Left and continue ½ mi. to Blue Point Camp Ground on the right, turn right (East) and cross the creek, Br right at a fork just accross the creek. Travel Southly along creek 0.1 to An intersection. Turn left (East) and Continue 1.2 Mi. thru Barbed Wire Fence and gate, ~~Cross~~ to Fork, Br. Rt. & cross running creek. Travel upgrade 1.2 Mi. to gate (Forestry U.S.) Lock, 0.5 Short right, Continue 0.3 to Sta. on Left.

**STATION MARK:**

A 4" L.A. Co. SUR. CONT. SYSTEM brass TRIANGULATION disc, stamped "WHITAKER PEAK B-15, 1967, RE 5869", up 8" and set in a 12" x 12" Conc. Pad.

**SUBSURFACE MARK:**

None Set.

**REFERENCE MARKS:**

**No 1:** A 4" L.A. CO. SUR. CONT. SYSTEM brass reference mark disc, stamped "WHITAKER PEAK B 15, RM 1, 1967, RE 5869", UP 8" and set in a 12" x 12" Conc. Pad. 2' Lower than the Sta. mark.

**No 2:** Identical to RM 1, except Stamped "RM 2" and level with the Sta. mark.

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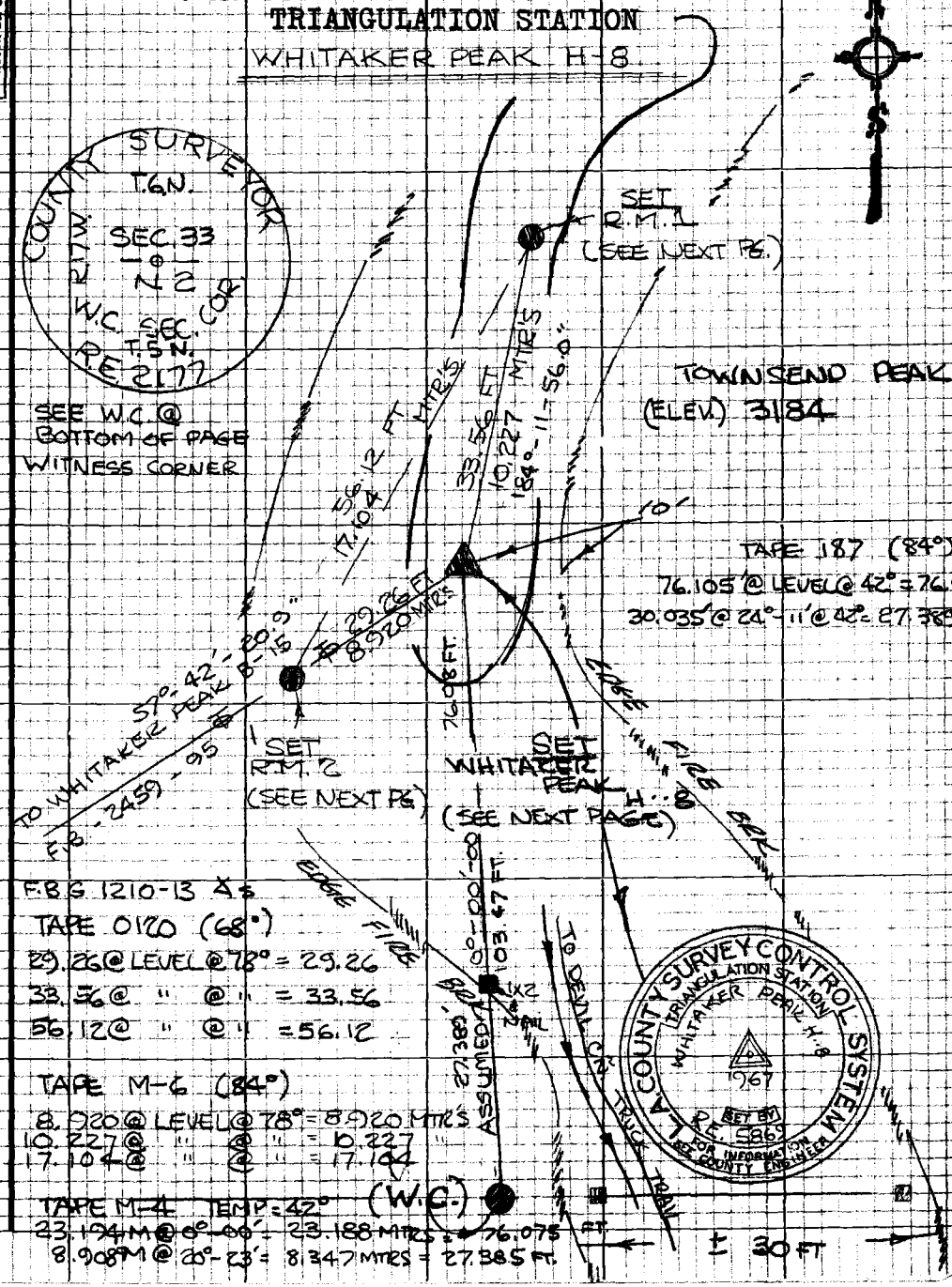
# GEODETIC CONTROL

| | |
|---|---|
| Notes Ck'd by | Survey of CASTIAC AREA |
| Map No. | JN 0301.00 Tape M-6 Std 68 °F |
| Office Work | Surveyed by J. G. RANDALL |
| Checked | Notes DOVER Date 10/5/67 |
| Date | Indexed H. E. OTT |

F.B. 2459 Pg. 97

## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

WHITAKER PEAK H-8




F.B.G. 1210-13 ∡s

TAPE 0120 (68°)

29.26 @ LEVEL @ 78° = 29.26

33.56 @ " @ " = 33.56

56.12 @ " @ " = 56.12

TAPE M-6 (84°)

8.920 @ LEVEL @ 78° = 8.920 MTR'S

10.227 @ " @ " = 10.227 "

17.104 @ " @ " = 17.104

TAPE M-4 TEMP = 42°

23.194 M @ 0°-00' = 23.188 MTRS = 76.075 FT.

8.908 M @ 20°-23' = 8.347 MTRS = 27.385 FT.

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

76P3098 CE #310 5-66

F.B. 2459 Pg 98

# GEODETIC CONTROL
## L. A. COUNTY SURVEY CONTROL SYSTEM
### TRIANGULATION STATION
### WHITAKER PEAK H-8

**AREA**

THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES COUNTY, NEAR CASTAIC, ON TOWNSEND PEAK (3184), NEAR VIOLIN SUMMIT & PARADISE RANCH ± 100' NORTH OF WITNESS CORNER SEC 5 T5N R17W (WHITAKER PEAK QUAD 7½')

**ROUTE**

FROM THE INTERSECTION OF HIGHWAY 99 AND FIRE TRUCK TRAIL "DEVIL CANYON" (7.0 MILE NORTH OF CASTAIC) TRAVEL 1.6 MILE ALONG "DEVIL CANYON FIRE TRUCK TRAIL UPGRADE (THIS ROAD SHOWN ON WHITAKER PEAK QUAD 7½') TO SADDLE AND FIRE BREAK INTERSECTION, TRAVEL 0.1 MILE UPGRADE, ON FIREBREAK TO PEAK OF HILL AND STATION (TURN TO LEFT AT INTER OF FIRE BREAK & SADDLE)

**STATION MARK**

A4" L.A. COUNTY SURVEY CONTROL SYSTEM BRASS TRIANGULATION DISC, STAMPED "WHITAKER PEAK H-8, 1967, R.E. 5869" UP 8" AND SET IN A 12"X12" CONC. PAD

**SUB STATION MARK**

NO SUB SURFACE MARK WAS SET

**REFERENCE MARKS**

**Nº 1**

A 4" L.A. COUNTY SURVEY CONTROL SYSTEM BRASS REFERENCE MARK DISC STAMPED "WHITAKER PEAK H-8, R.M. 1, 1967, R.E. 5869" FLUSH AND SET IN A 12" DIA CONC. PAD,

**Nº 2**

SAME AS R.M. 1 EXCEPT STAMPED "R.M. 2" AND UP 8" AND SET IN A 12"X12" CONC. PAD. AND SET ON LINE TO WHITAKER PEAK B-15

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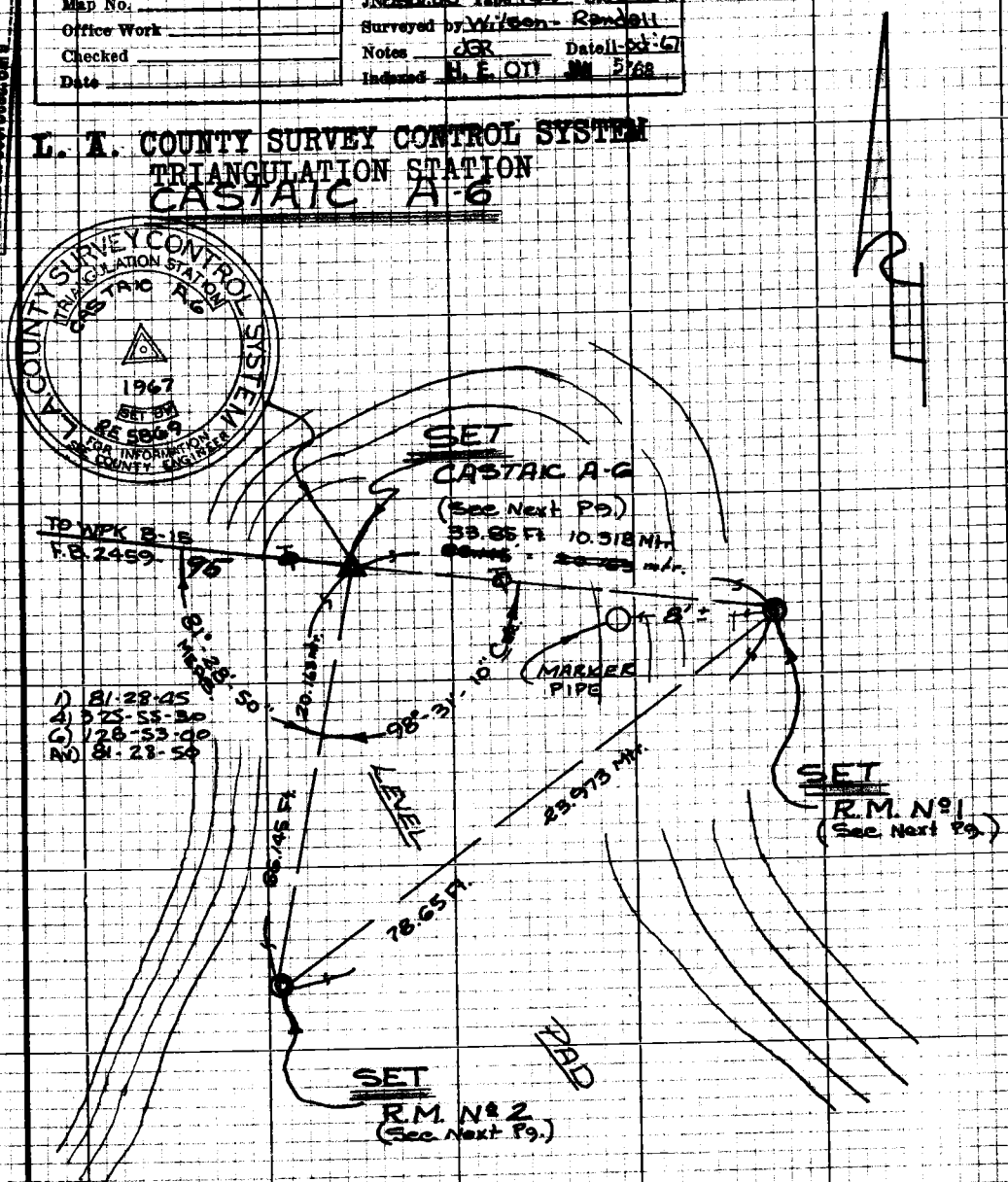
| | |
|---|---|
| Notes Ck'd by | Survey of Geodetic Control |
| Map No. | JN0501.00 Tape M-4 144 Std 84 °F |
| Office Work | Surveyed by Wilson - Randall |
| Checked | Notes JGR Date 11-Oct-67 |
| Date | Indexed H. E. OTT 5/68 |

F.B. 2459 Pg. 99

Noted on Sec. Index Card
Placed on R.S.S. Quad. Shts.
Placed on Sur. Div. W.S. No.
Sketch on Sec. Desc. Card

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## CASTAIC A-6

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| 300 Ft. Tape No 144 | 50 Mtr. Tape No M-4 |
|---|---|
| 36.72 @ Lev @ T=86° = 36.72 } 78.65 | 11.193 @ Lev @ T=86° = 11.193 } 23.973 |
| 41.93 @ Lev @ T=86° = 41.93 } | 12.780 @ Lev @ T=86° = 12.780 } |
| 33.85 Ft. @ Lev @ T=86° = 33.85 | 10.318 @ Lev @ T=86° = 10.318 |
| 66.145 @ Lev @ T=86° = 66.145 | 20.163 @ Lev @ T=86° = 20.163 |

76P3098 CE #310 5-66

F.B. 2459 Pg. 100

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## CASTAIC A-G

**AREA:** THIS TRIANGULATION STATION IS LOCATED IN LOS ANGELES CO. ON A HILL MARKED "2164", 900'± WEST & 1350'± NORTH OF THE S.E. COR. OF SEC. 6-T4N-R17W, 6200'± EAST OF THE L.A.-VENTURA CO. BOUNDARY SEE VAL VERDE 7½ MIN. QUAD. SHEET.

**ROUTE:** FROM THE INTERSECTION OF HWY. 126 (SAUGUS-VENTURA ROAD) AND SAN MARTINEZ CHIQUITO CA ROAD, TRAVEL NORTH ON ABOVE RD. ABOUT 1.2 MI. TO AN INTERSECTION WITH SAN MARTINEZ RD. TURN LEFT HERE AND CONTINUE (WESTLY) PAST ENTRANCE VAL VERDE COUNTY PARK (IN THE TOWN OF VAL VERDE) 2.5 MI. TO END OF PUBLIC RD., PASS THROUGH METAL GATE & TURN SHARP LEFT 250'± TO A CHAIN GATE, IN CREEK BED (DRY), CONTINUE WEST'LY ALONG BOTTOM OF CN. TO ON A DIRT RD. PAST ABANDONED FARM BUILDINGS, TO HEAD OF CANYON, CONTINUE ON ROAD TO TOP OF RIDGE, 1.4± MI. FROM CHAIN GATE. STATION IS LOCATED ON NORTH'LY END OF LEVELED PAD.

**STATION MARK:** A 4" L.A.CO. SUR.CONT. SYSTEM BRASS TRIANGULATION DISC STAMPED "CASTAIC A-G, 1967, R E 5869", UP 8" & SET IN A 12" x 12" CONC. PAD.

**SUBSURFACE MARK:** A 4" L.A. CO. SUR.CONT. SYSTEM BRASS TRIANGULATION DISC STAMPED EXACTLY THE SAME AS THE STATION MARK, DN. 22" BELOW THE SURFACE MARK, SET IN 6" DIAMETER CONC. POURED IN PLACE. THERE IS 1" OF CONC. OVER DISC, AND 3" OF SAND BETWEEN THIS AND THE BOTTOM OF THE SURFACE MARK.

**REFERENCE MARKS:**

**No. 1:** A 4" L.A.CO. SUR.CONT. SYSTEM BRASS REFERENCE MARK DISC STAMPED "CASTAIC A-G, REF. M 1, 1967, R E 5869", UP 2" & IN A 10" ROUND CONC. PAD. ABOUT 5' LOWER THAN THE STATION.

**No. 2:** IDENTICAL TO R.M. 1 EXCEPT STAMPED "R.M. 2", SET FLUSH & LEVEL WITH THE STATION.

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GEODETIC CONTROL

| | |
|---|---|
| Notes Ck'd by | Survey of Chatsworth - Castaic |
| Map No. | JN0301.00 Tape ~ Std ~ °F |
| Office Work | Surveyed by Wilson / Randall |
| Checked | Notes JGR Date 5-Jan-68 |
| Date | Indexed C. J. GALLI |

F.B. 2459 Pg. 101

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATIONS
## PICO L-9

COMPLETE RECOVERY OF

ALL KNOWN STATIONS

AT

PICO L-9

J.N. 0097.11

REFERENCES:

F.B. 525 - 117 & 118

COAST & GEODETIC SURVEY REPORT, 1904

PARTY

Wilson, R.C.
Adams, C.
Tullier, E.J.
Cockerham, R.
Maher, J.
Randall, J.G.
Dover, R.E.
Martinez, E.
Pyle, C.A.

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76P3098 CE #310 5-66

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATIONS
## PICO L-9

F.B. 2459 Pg. 102

| DESIGNATION | AS OF 5 JANUARY 1968 |
|---|---|
| PICO L-9 ~ CENTER | DESTROYED: See Pg. 103 & 104 for Notes on Search |
| PICO L-9 ~ AUX. 1 | DESTROYED: F.B. 525 - 117 & 118 |
| PICO L-9 ~ AUX. 2 | DESTROYED: F.B. 525 - 117 & 118 |
| PICO L-9 ~ AUX 2 ECC.1 | FOUND: See Pg. 105 & F.B. 525 - 117 & 118 |
| PICO L-9 ~ A | SET: See Pg. 107 |
| PICO L-9 ~ B | DESTROYED |
| PICO L-9 ~ C | SET: See Pg. 105 |

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# GEODETIC CONTROL

| | | |
|---|---|---|
| Notes Ck'd by | Survey of Chatsworth - Castaic | F.B. 2459 Pg. 103 |
| Map No. | JN 0201.00 Tape — Std — °F | |
| Office Work | Surveyed by Wilson - Randall | |
| Checked | Notes JGR Date 5-Jan-68 | |
| Date | Indexed C.J. GALLI | |

Noted on Geo. Index Card ✓
Placed on U.S.G.S. Quad. Shts.
Placed on Geo. Div. W.S. No.
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76P3098 CE #310 5-66

## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATIONS

"PICO"
L-9 AUX 2 ECC. 1
L-9 A
L-9 C

**AREA:** These TRIANGULATION stations are located in Los Angeles County, in the Santa Susana Mountains, on the Westerly part of Oat Mountain, near the fire lookout tower, in the S.W. ¼ of Sec. 19 - T.3N. - R.16W. S.B.B. & M. 1600'± E. & 2100'± NO. of the S.W. Cor. of the above Sec. See the U.S.G.S. 7½ min. sheet "OAT MOUNTAIN".

**ROUTE:** From the Intersection of Devonshire St. with Tampa Ave., Proceed north'ly on Tampa (Divided by a median strip) upgrade 2.9 mi. to Braemore St. on the right, continue 200'± past this intersection to Getty Oil Co. sign on the left, turn left on this paved (Rock & Oil) road, and continue 0.4 mile to a gate (L-key), pass through gate & upgrade, still on paved rd., through Oil Fields and the following intersections, 0.9 mi. Left @ "Y", 0.1 mile Left @ "Y", 1.2 mi. left @ "Y", 0.1 mi. left @ "Y", 0.6 right @ "Y", 0.3 mile to summit, Br. left and continue along paved road on this ridge passing the following intersections 1.1 mi. right @ "Y", 0.3 right @ "Y", 1.1 mi. pass U.S. Army Nike site on the left, then Palo Solo Mwy. on the right, continue 0.35 past this Mwy. to Switch Back, make sharp left and continue upgrade, on paved road 0.3 mi. to top of hill & Look Out Tower with Relay Station.

**GENERAL NOTES:** SAN FERNANDO (CENTER STATION)

F.B. 525 - 117 & 118, refers to SAN FERNANDO, being found. A search was made for this mark during August 1967 for this Survey but nothing was found. It has apparently been destroyed during construction and expanding of the Micro-Wave relay facilities which are located here. The area in which the old station was located is now paved with asphalt and is enclosed within a 10' high chain link fence.

Continued

F.B. 2459 Pg. 104

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATIONS

GENERAL NOTES: CONTINUED

A search was also made for a glass bottle which was attached to the bottom of the original station mark, per the Coast & Geodetic Survey Report, 1904. The bottom of a glass bottle was found at approximately the right depth & location. The piece of glass found was standing on one edge at about a 45° angle. After removing the glass from the hole and carefully digging about 1" deeper in sand, 3 flat rocks were found, forming a triangular shape, thus:

These rocks could have been placed in this position to form a base for the bottle to rest upon when it was being set in position. The fire look out employee told me that a few years ago a pipe line ditch was dug very close to the station mark and that the monument fell over into this ditch. The monument was then thrown over to the edge of the hill top where it layed for a long time. A search was also made in this area but nothing was found.

The spot that was deemed to be the center of the piece of glass, as found, was tied out with two Square Head Spikes, punched, & flush in the asphalt paving. They Tangent on a line approx. N. 50° W. & each 4.00 Ft. from the center.

A search was also made for the "REFERENCE MARKS", per the above mentioned Coast & Geodetic Survey Report. The easterly one falls under a large conc. slab, which is the bottom step on the stairway up the look out tower. No evidence was found of either the one to the South or West. When digging for the Northerly one, a piece piece of a sewer tile filled with conc., this is what the report calls for, was found. The top portion of this had been destroyed as there was no evidence of the spike that had been placed in the top to mark the true point. The distance to the middle did not fit the call by 0.2'.

J.G. Randall (5-Jan-'68)

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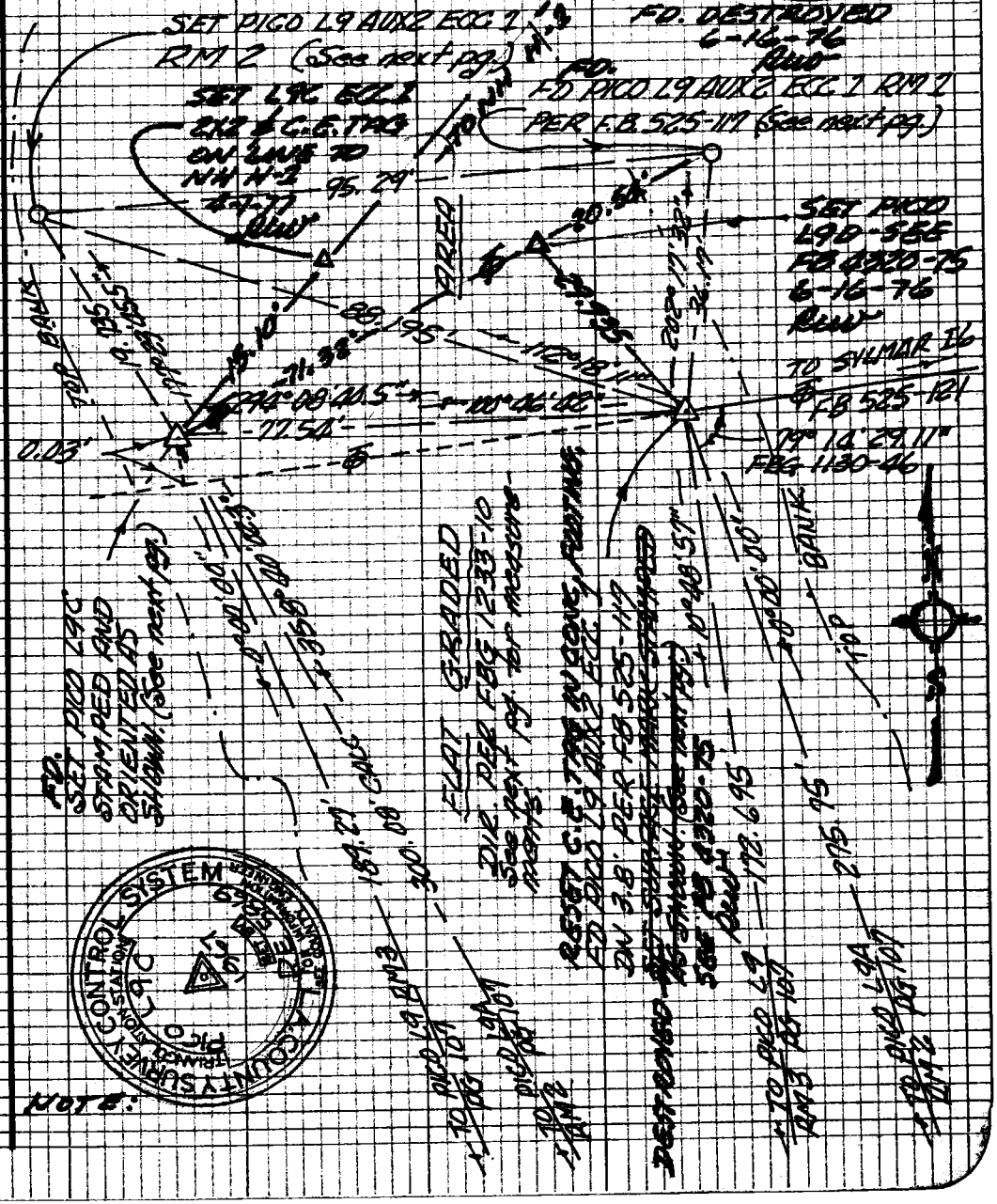
| Office Work | Surveyed by R. C. Wilson |
| Checked | Notes R. C. Wilson Date 1-10-68 |
| Date | Indexed C. J. GALLI |

# GEODETIC CONTROL

F.B. 2459 105

## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## PICO L9 AUX2 ECC 1 & PICO L9C

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76P3096 CK #310 5-66

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

F.B. 2459 Pg. 126

PICO L9 AUX2 ECC 1 & PICO L9C

MEASURMENTS

300' = 221.

ALL MEAS. LEVEL

SOMTR M6

9.54' @ 54° = 9.54'
85.71' @ 54° = 85.75'
88.195' @ 80° = 88.195'
21.77' @ 80° = 21.77'
14.40' @ 80° = 14.40'
77.54' @ 82° = 77.54'
19.735' @ 80° = 19.735'

= 45.29'

= 36.17'

2.908 @ 54° = 2.908m = 9.54'
26.143 @ 54° = 26.191m = 85.75'
26.882 @ 80° = 26.882m = 88.19'
6.636 @ 80° = 6.636 = 21.77'
4.389 @ 80° = 4.389 = 14.40'
23.634 @ 82° = 23.634 = 77.54'
6.015 @ 80° = 6.015 = 19.73'

AREA - ROUTE: SEE PG 103

STATION MARK: ~~A 4" L.A. CO. SUR. CONT. SYS. BRASS TRIANG. DISC STAMPED "PICO L9 AUX 2 ECC 1 RESET 1961 RE 5869" UP 2" AND SET IN 8" CONC POST. FD. DESTROYED 6-16-76 RCW~~

SUB-SURFACE MARK: A 4" L.A. CO. SUR. CONT. SYS. BRASS TRIANG. DISC STAMPED "SAN FERNANDO AUX2 ECC 1 RESET 1961 L.A. CO. ENGR. RE 5869" 3.82' LOWER IN ELEV. THAN SURFACE MARK AND SET IN CONC.

REFERENCE MARKS:

NO 1: A 4" L.A. CO. SUR. CONT. SYS. BRASS REF. MARK DISC STAMPED "SAN FERNANDO AUX 2 ECC 1 RM 1 1961 L.A. CO. ENGR RE 5869" UP 6" AND SET IN 8" CONC POST.

NO 2: A 2 1/2" L.A. CO. ENGR BRASS DISC STAMPED "AUX 2 ECC 1 RM2 1961 RE 5869" FLUSH AND SET IN A 6" CONC. POST.

STATION MARK: A 4" L.A CO. SUR CONT. SYS. BRASS TRIANG. DISC STAMPED "PICO L9C 1961 RE 5869" UP 3" AND SET IN 12"X12" CONC. PAD 0.03' NLY OF LINE PRODUCED THRU PICO L9 AUX2 ECC 1 FROM SYLMAR I 6. NO SUB-SURFACE MARK SET.

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# GEODETIC CONTROL

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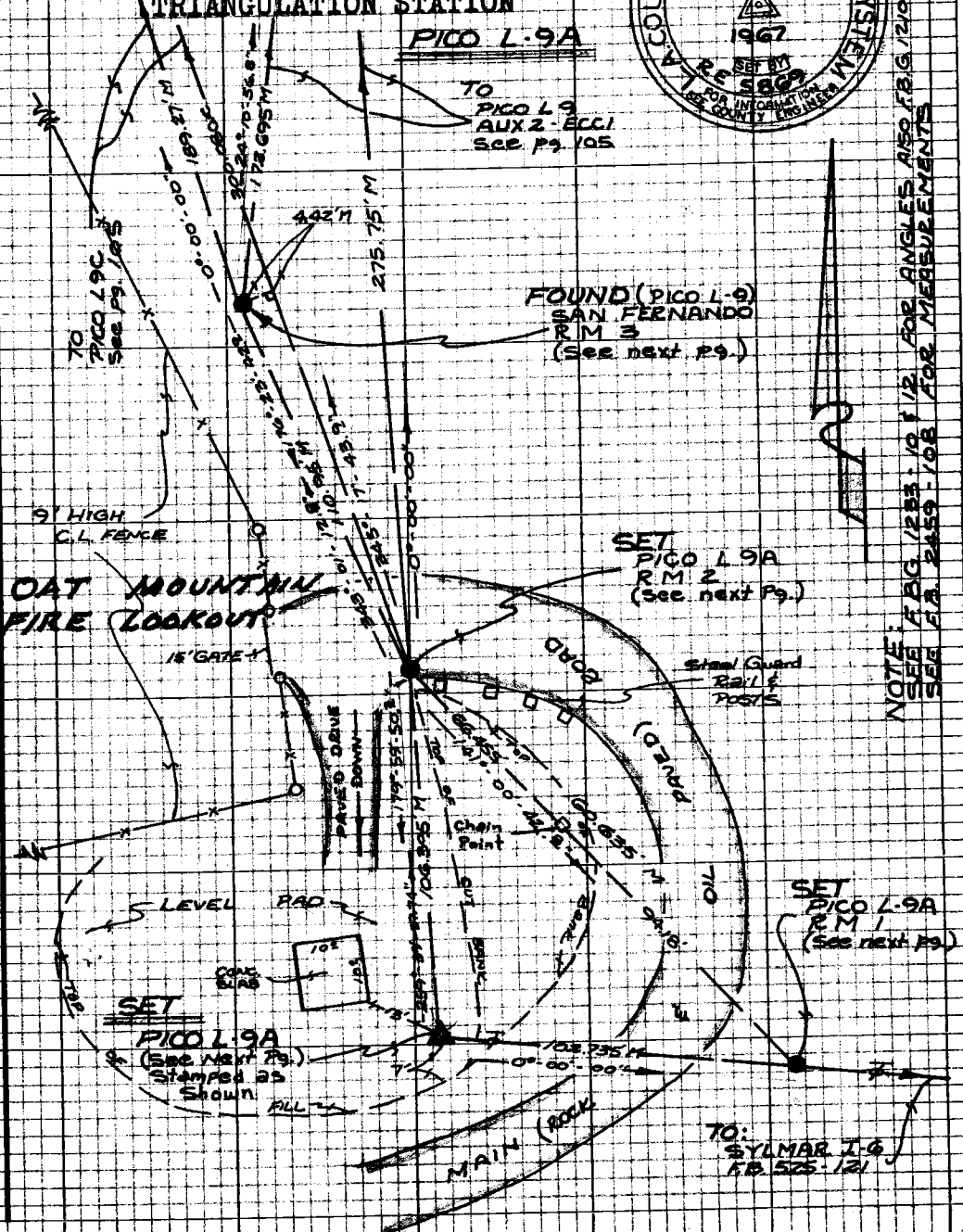
| Office Work | Surveyed by Wilson / Randall |
| Checked | Notes JGR Date 5-Jan-63 |
| Date | Indexed [illegible] GALLI |

F.B. 2459 Pg. 107

## L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

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76P3098 CE #310 5-66

F.B. 2459 Pg. 108

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## PICO L-9A

### MEASUREMENTS

300 FT. TAPE Nº 144 (TEMP. = 42°) 50 MTR. TAPE Nº M-4

| | | | | | |
|---|---|---|---|---|---|
| 106.43 @ Lev = | 106.40' | | 32.437 @ Lev = | 32.428 = | 106.391' |
| 95.065 @ 7°-42' = | 94.18 | | 29.030 @ 8°-24' = | 28.716 = | 94.183' |
| 66.475 @ Lev = | 66.455' | | 20.262 @ Lev = | 20.256 = | 66.457' |
| 275.835 @ Lev = | 275.755' | | 84.072 @ Lev = | 84.048 = | 275.747' |
| 110.98 @ Lev = | 110.95' | | 33.828 @ Lev = | 32.819 = | 110.955' |
| 189.32 @ Lev = | 189.27' | | 57.703 @ Lev = | 57.688 = | 189.265' |

(TEMP. = 84°)

| | | | | | |
|---|---|---|---|---|---|
| 104.32 @ 10°-00 = | 102.735' | | 31.796 @ 10°-00' = | 31.313 = | 102.733' |
| 172.695 @ Lev = | 172.695' | | 52.638 @ Lev = | 52.638 = | 172.697' |

**AREA:** SEE PG. 103

**ROUTE:** SEE PG. 103

**STATION MARK:** A 4" L.A.CO. SUR. CONT. SYSTEM BRASS TRIANGULATION DISC, STAMPED: "PICO L 9A 1967 R.E. 5869", DN. 8" ~~ABD~~ AND PROTECTED BY A METAL SLEVE WITH A CAST IRON COVER. THE COVER IS FLUSH.

**SUB SURFACE MARK:** A 4" L.A.CO. SUR. CONT. SYSTEM BRASS TRIANGULATION DISC, STAMPED: " PICO L9A 1967 RE 5869", 2ft BELOW THE SURFACE MARK AND SET IN A 5" ROUND CONC. POST, WITH 6" OF SAND BETWEEN IT AND THE BOTTOM OF THE CONC. ON THE SURFACE MARK.

**REFERENCE MARKS:**

**Nº 1:** A 4" L.A.CO. SUR. CONT. SYSTEM BRASS REFERENCE MARK DISC, STAMPED: " PICO L9A RM 1 1967 R.E. 5869", UP 8" AND IN A 12"x12" CONC. PAD. ON LINE BETWEEN PICO L 9A & SYLMAR I-G, F.B. 525-121.

**Nº 2:** A 4" L.A.CO. SUR. CONT. SYSTEM BRASS REFERENCE MARK DISC, STAMPED: " PICO L9A RM 2 1967 R.E. 5869", DN 8" AND IN A 5" ROUND CONC. POST POURED IN PLACE. PROTECTED BY A CAST IRON COVER, ON THE SO. EDGE OF MAIN (PAVED) RD.

**SAN FERNANDO RM 3:** A 4" U.S.C.&G.S. BRASS REFERENCE MARK DISC, STAMPED: " SAN FERNANDO 1898 NO 3", UP 6" AND SET IN A 6" ROUND CONC. POST, POURED IN PLACE. NO REFERENCE TO THIS MARK.

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F.B. 2459 PG. 107

Profile No. | Notes Red | Plotted | Job No. 0097.11 Division No.
Date | Date | Survey of Chatsworth - Castaic
X-Sec. No. | Notes Chkd. | Checked | Survey by Randall | Notes GR | Date 15-Jan-68
Date | Date | Map No. | Indexed C.J. GALLI Date

# DIFFERENCE IN ELEVATION

# BETWEEN

# ALL EXISTING STATIONS

# AT

# PICO L-9

(INCLUDING ALL RM's)
(AS OF 12-JAN. 1968)
J.N. 0095.99

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

REFERENCE

F.B. 2459 101—108

PARTY

RANDALL, J.G.
PYLE, C.A.
COCKERHAM, R.

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76-L298 CE 307 3-61

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Survey of Chatsworth - Castaic | Date | No. | X-Sec.
Survey by Randall | Notes JGR | Notes Chkd. | Checked
Indexed | Date | Date | No.

| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| Pico L9ARM2 | | | | 1000.000 | B.M. Elev. Assumed. LA. Co. Sur | Con. Sy. Ref. Mk, in well Pg. 108 |
| ∧ | 1.712 | 1001.712 | | | | |
| Pico L9A | | | 6.982 | 994.730 | LA. Co. Sur. Con. Sy. Triangulation Sta., in well Pg. 108 | |
| ∧ | 2.123 | 996.853 | | | | |
| T.P. | | | 10.776 | 986.077 | Spk in Road | |
| RM.1 (to L9A) | 4.713 | 990.790 | 9.773 | 981.017 | L.A. Co Sur. Con. Sy. Ref. Mk in 12"x12"x6" Conc. Pad. Pg 108 | |
| T.P. | | | 0.185 | 990.605 | Spk in Road | |
| ∧ | 11.732 | 1002.337 | | | | |
| San Fernando No 3 | | | 0.279 | 1002.058 | U.S.C.&G.S. Ref Mk. 6" Conc Post Pg 104 | |
| ∧ | 0.897 | 1002.955 | | | | |
| Pico L9C | | | 8.557 | 994.398 | L.A. Co. Sur. Con Sy Tri. Sta, in 12"x12"x6" Conc. Pad Pg 103 | |
| RM 2. | | | 9.505 | 993.450 | C.E. Mon. in 12"x12" Conc. Pad, flush with ground Pg 104 | |
| T.P. Aux 2 Ecc 1 | | | 9.086 | 993.870 | L.A. Co. Sur. Con. Sy. Ref Mk in 12"x12"x6" Conc. Pad Pg 103 | |
| ∧ | 1.758 | 995.628 | | | | |
| RM 1 (to Aux 2 Ecc 1) | | | 9.005 | 986.623 | L.A. Co. Sur. Con Sy. Ref. Mk. Set in 8" Conc. Post. Pg 104 | |
| T.P. | | | 0.087 | 986.541 | Spk in Grd. | |
| ∧ | 9.830 | 1005.371 | | | | |
| BM. Pico L9A RM2 | | | 5.381 | 999.990 | B.M. See Description above for L9A RM2 | |

F.B. 2459 Pg. 111

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2301.00 Division No. ____

Date ____ Date ____ Survey of Chatsworth - Castaic

X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Randall Notes JGR Date 15-Jan-68

Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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# DIFFERENCE IN ELEVATION

BETWEEN

PICO D-5

&

PICO D-5A

(INCLUDING ALL RM's)

J.N. 0095.99

| STATION | B.S. | H.I. | F.S. | ELEV. |
|---|---|---|---|---|
| | | | REFERENCE | |
| | | | F.B. 2459-61 & 63 | |
| | | | PARTY | |
| | | | Randall, J.G. | |
| | | | Pyle, C.A. | |
| | | | Cockerham, R. | |

76-L296 CE 307 3-61

76-L298 CE 307 3-61

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F.B. 2459 Pg. 112 | Job No. 32002 | Division No. | Notes Red | Plotted | Profile
Survey of Chatsworth - Castaic Net | Date | Date | No. | X-Sec.
Survey by Randall | Notes Kar | Notes Chkd. | Checked | No.
Indexed C.J. GALLI | Date JAN 18 '68 | Date | Date

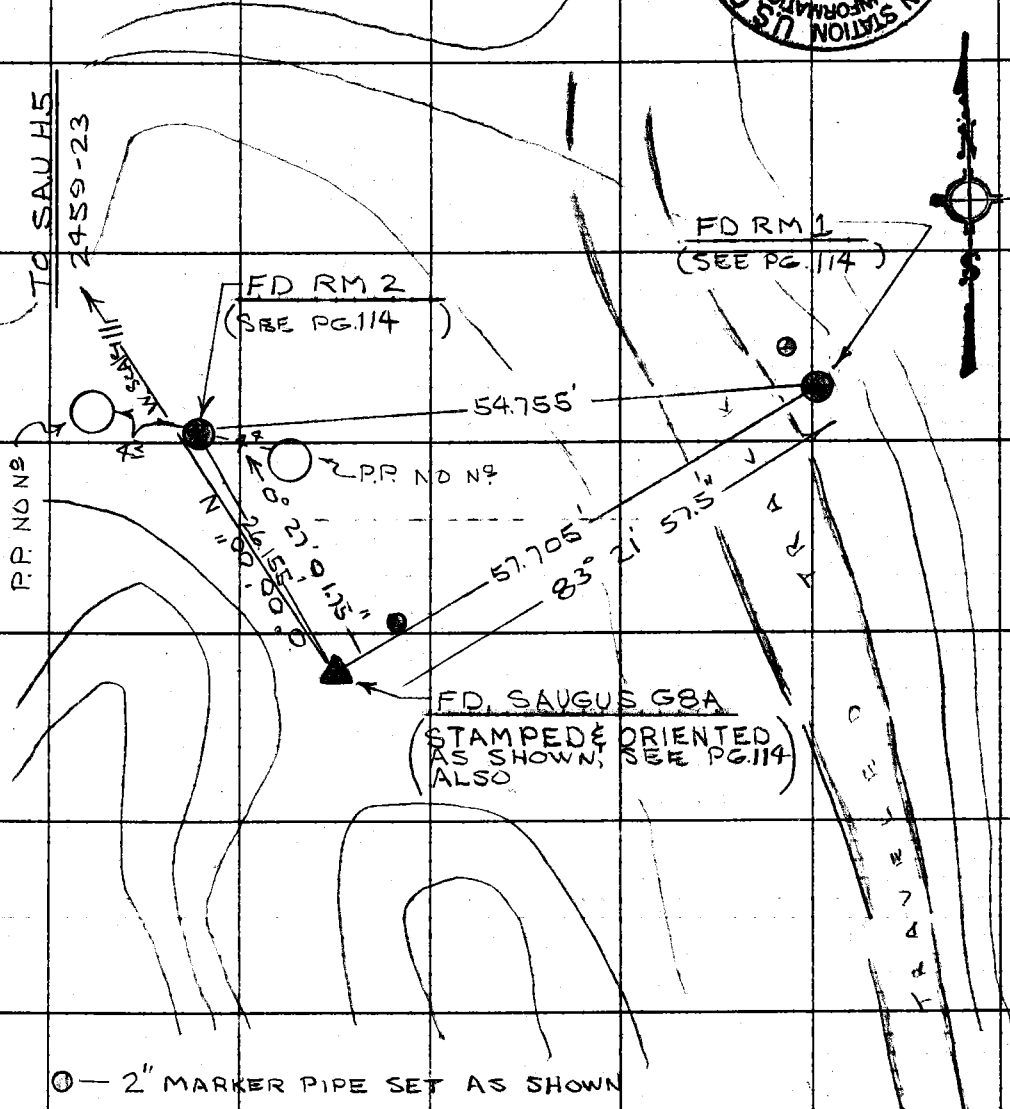
| STATION | B.S. | H.I. | F.S. | ELEV. | | |
|---|---|---|---|---|---|---|
| PICO D-5 B.M. | | | | 1000.00 | B.M. ASSUMED ELEV. = 1000.00. PICO D-5 SEE F.B. 2459-G1. A 4" BRASS DISC, IN A 12" X 12" CONC. PAD, UP 6". | |
| ⊼ | 1015 | 1001.015 | | | | |
| PICO D-5 R.M.2 | | | 2.046 | 998.969 | A 4" BRASS DISC, IN A 12" X 12" CONC. PAD, UP 6". F.B. 2459-G1 | |
| PICO D-5 R.M.1 | | | 2.372 | 998.643 | A 4" BRASS DISC, IN A 12" X 12 CONC. PAD, UP 6". F.B. 2459-61. | |
| T.P. | | | 11.892 | 989.123 | 1X1 STK. | |
| ⊼ | 0663 | 989.786 | | | | |
| T.P. | | | 11.926 | 977.860 | 1X1 STK. | |
| ⊼ | 0977 | 978.837 | | | | |
| T.P. | | | 9945 | 978.892 | 1X1 STK. | |
| ⊼ | 1498 | 970.390 | | | | |
| PICO D-5A R.M.2 | | | 8845 | 961.545 | A 4" BRASS DISC, IN A 12" X 12" CONC. PAD, UP 6". F.B. 2459-G3. | |
| PICO D-5A R.M.1 | | | 9.477 | 960.913 | A 4" BRASS DISC, IN A 12" X 12" CONC. PAD, UP 6". F.B. 2459-G3 | |
| PICO D-5A | | | 5.962 | 964.428 | A 4" BRASS DISC, STAMPED PICO D-5A, IN A 12" X 12 CONC. PAD, UP 6". F.B. 2459-63 | |
| ⊼ | 11.479 | 975.907 | | | | |
| T.P. | | | 0167 | 975.740 | 1X1 STK. | |
| ⊼ | 11.943 | 987.683 | | | | |
| T.P. | | | 0368 | 987.315 | 1X1 STK. | |
| ⊼ | 10009 | 997.324 | | | | |
| T.P. | | | 1316 | 996.008 | 1X1 STK. | |
| ⊼ | 7.867 | 1003.875 | | | | |
| PICO D-5 B.M. | | | 3.873 | 1000.002 | See PICO D-5 ASSUMED ELEV. ABOVE. | |

| | |
|---|---|
| Notes Ck'd by | Survey of GEODETIC CONTROL |
| Map No. | JN0301.00 Tape Std °F |
| Office Work | Surveyed by R. C. Wilson |
| Checked | Notes C.A. PYLE Date 10/2/73 |
| Date | Indexed G. D. BAILEY JUL 25 1977 |

F. B. 2459 PG. 113

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION

SAUGUS G8A
USC&GS FOOT 2




O — 2" MARKER PIPE SET AS SHOWN
DIRECTIONS: FBG 1380-25
MEASUREMENTS: SEE NEXT PG.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76F309S CE#310 3-69

F. B. 2459 PG 114

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## SAUGUS G8A

50 MTR.# M.C. MEASUREMENTS 300' TAPE # 221

LEV. @ T 84°

| | |
|---|---|
| 9.972 M = 9.972 M = 26.156' | 26.15' = 26.15' |
| 16.691 M = 16.691 M = 54.76 | 54.75' = 54.75' |
| 17.587 M = 17.587 M = 57.703 | 57.705' = 57.705' |

AREA

THIS TRIANG. STA. IS IN L.A. COUNTY IN THE VICINITY OF SAUGUS. IT IS 1750' ± N & 3500' ± W OF THE JUNCTION OF BOUQUET CYN. RD. & SAN FRANCISQUITO CYN. RD. ATOP A HILL MARKED (Δ 1482). SEE USGS 7.5' SHEET "NEWHALL CALIF." QUAD 1952 WITHIN THE SAN FRANCISCO RANCHO

ROUTE

FROM ITS INTER. WITH SECO CYN. RD. TRAVEL S. ON DECORO DR. 0.10 MILE ACROSS THE FLOOD CONTROL CHANNEL TO AN INTER. AT "ARROYO SECO SCHOOL" TURN LEFT (E) 0.10 MILE TO THE N.E. COR. OF THE SCHOOL PROPERTY AND A POWER LINE EASEMENT RD. ON THE SOUTH. FOLLOW THIS PARALLEL TO THE SCHOOL PROP. 0.20 MILE TO THE S.E. COR. BEAR LEFT (S.E.LY) AND PROCEED 0.10 MILE TO A JUNCTION, BEAR RIGHT (S.W.LY.) UP THE BOTTOM OF A DRAW 0.30 MILE TO A LARGE GRADED AREA AT THE TOP OF THE RIDGE, CROSS TO THE S. EDGE, 0.10 MILE AND TURN RT. W.LY. ASCEND 100' TO THE TOP OF SPUR AND A POWER-LINE RD. TURN RT. (N.LY.) AND CONTINUE UPGRADE 0.10 MILE TO THE TOP OF A KNOB AND THE STATION SITE.

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FOOT-2

3.15 NW

3.25 FROM ITS INTER. WITH SECO CYN. RD. TUL. S. ON

3.35 DECO RD. DR. 0.10 MI ACROSS THE FLOOD CONT. CHANNEL TO AN

3.5 INTER. AT "ARROYO SECO SCH." TURN LFT. (E) 0.10 MI TO THE S.E. COR OF THE SCH. PROPERTY TO A GATE ON RIGHT (EDISON KEY) TRVL ALONG POWER LINE EASEMENT RD. (E'LY) 0.20 MI TO END OF CHAIN LK. FENCE

~~ALONG CHAIN LINK FENCE 0.15 MI~~

AT END OF CONC. SPILLWAY & END OF CH. LK. FENCE BEAR (RT.) (N. NLY) UPHILL 0.1 MI. BEAR LFT. CONT. UP & S. W. 0.10 MI. MAKE HARD LFT. & UP (S. E'LY) APPROX. 200' TO STATION

| | | | |
|---|---|---|---|
| Notes Ck'd by | | Survey of GEODETIC CONTROL | F. B. 2459 PG. 115 |
| Map No. | | JN 3801-00 Tape Std °F | |
| Office Work | | Surveyed by R. C. Wilson | |
| Checked | | Notes C. A. PYLE Date 10/2/73 | |
| Date | | Indexed G. D. BAILEY JUL 25 1977 | |

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## SAUGUS GBA

**STATION MARK**

A 4" U.S.C.&G.S. BRASS TRIANGULATION STATION DISC STAMPED "FOOT 2 1971" SET IN A 10" DIA. CONC POST WHICH IS 2" ABOVE GRD. NO RECORD OF ANY SUB-SURFACE MARK HAVING BEEN SET.

**REFERENCE MARKS**

RM 1 : A 4" U.S.C.&G.S. BRASS REFERENCE MARK DISC STAMPED: "FOOT 2 NO 1 1971" SET IN A 10" CONC POST WHICH IS 1" ABOVE GRD.

RM 2 : IDENTICAL TO "RM 1", EXCEPT STAMPED: "RM 2"

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76F309S CE#310 3-69

F. B. 2459 PG 116 L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SAUGUS GBA

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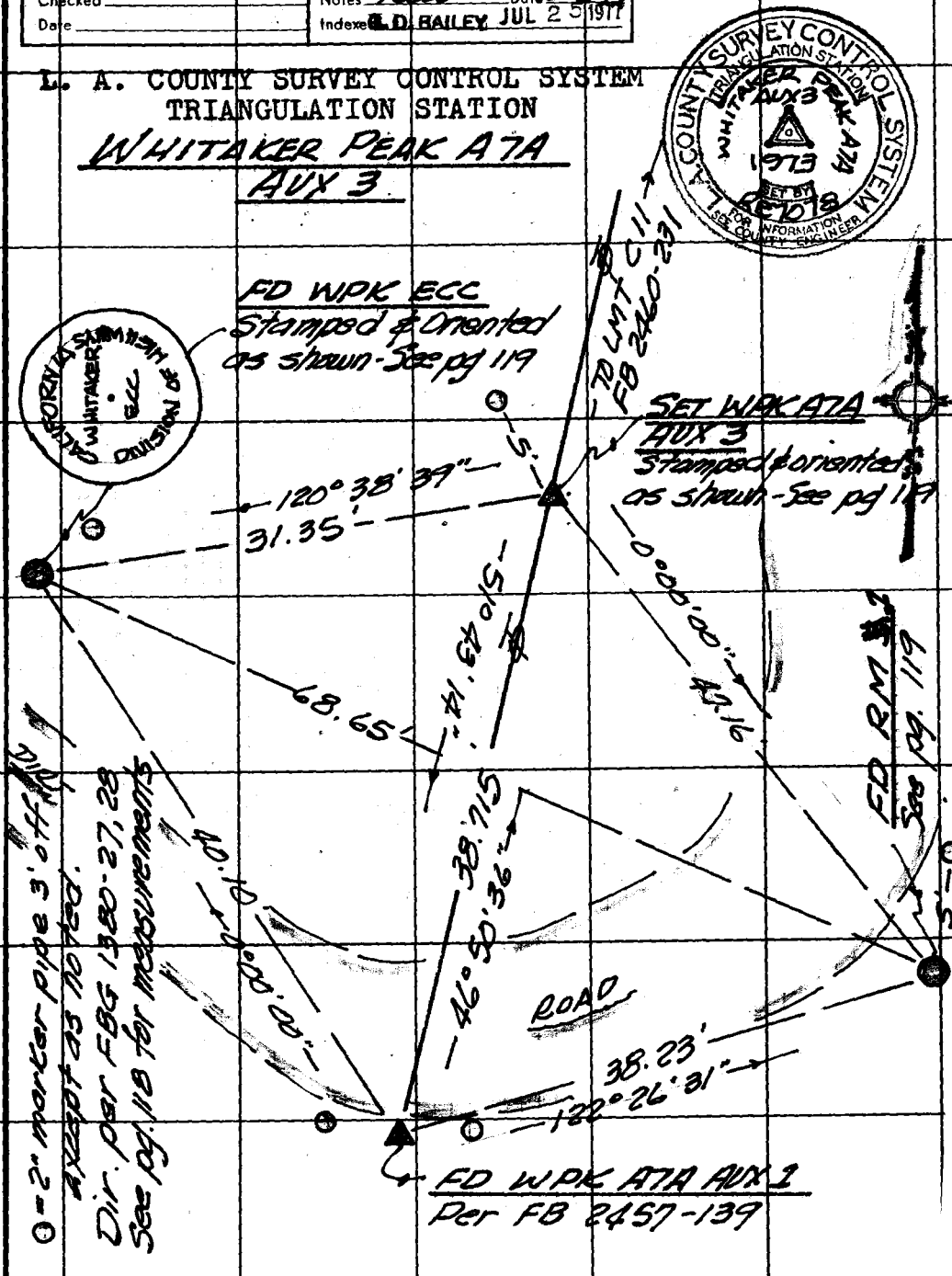
| | | |
|---|---|---|
| Notes Ck'd by | Survey of GEOD. CONTROL | F. B. 2459 PG. 117 |
| Map No. | Jn 0301.00 Tape Std °F | |
| Office Work | Surveyed by R C WILSON | |
| Checked | Notes RWW Date 10-5-73 | |
| Date | Indexed L.D. BAILEY JUL 25 1977 | |

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## WHITAKER PEAK A7A AUX 3

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F3095 CE#310 3-68

F. B. 2459 Pg. 118

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## WHITAKER PEAK A7A AUX 3

| 300'#221 74° T | MEASUREMENTS | 50 Meter M6 74° T |
|---|---|---|
| 40.10=40.10' | 12.223=12.223=40.10' | |
| 38.715=38.715' | 11.801=11.801=38.715' | |
| 38.23=38.23' | 11.653=11.653=38.23' | |
| 31.35=31.35' | 9.556=9.556=31.35' | |
| 47.16=47.16' | 14.374=14.374=47.16' | |
| 68.65=68.65' | 20.922=20.922=68.64' | |

**AREA:**

This triangulation station is located in the NEly portion of LA County, 1200' west and 2340' south of the north west corner of section 36 T6N, R18W and is located at the former site of the Whitaker Peak Lookout tower. Marked "4120" on the Whitaker Peak 7½' USGS quad. sheet.

**ROUTE:**

From its intersection with Interstate Hwy 5, travel wly on Templin Hwy 300'± to Golden State Hwy (old 99) Turn right and travel nly 1.8 miles to the Whitaker Peak Lookout road on the left. Follow paved road 1.2 miles upgrade to top of hill; turn right and continue nly 0.9 miles to junction; bear left and continue on dirt road 2.5 miles to the station at the site of the removed lookout.

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

Survey of GEOD. CONTROL
Job Q301.00 Type Std. °F
Surveyed by RC WILSON
Notes RWW Date 6-5-73
Indexed A. D. BAILEY JUL 25 1977

F. B. 2459 PG. 119

# L. A. COUNTY SURVEY CONTROL SYSTEM
# TRIANGULATION STATION

## WHITAKER PEAK A7A AUX 3

**STATION MARK:**

A 4" LA County survey control system brass triangulation disc stamped "WHITAKER PEAK A7A AUX 3 1973 RE 7078" flush with the ground and set in an 8" conc. post.

**REFERENCE MARKS:**

**RM 1:** A California Division of Highways 3½" brass disc stamped "WHITAKER PK AUX NO 1 A-7A NO 3 1973" 3" above ground and set in a 12"X12" conc. pad. This mark looks like an old conc. pad with a new disc cemented in place.

**RM 2:** A California Division of Highways 2½" brass disc stamped "CALIFORNIA DIVISION O HIGHWAYS WHITAKER ECC" (no date stamped) 4" above ground and set in a 12" dia. conc. and rock mound.

**DIFF. OF ELEVATION:**

| | | | |
|---|---|---|---|
| Aux 1 | +5.94' HI | 105.94' | 100.00 assumed |
| Aux 3 | | -1.98' | 103.96' |
| RM 1 | | -5.19' | 100.75' |
| RM 2 | | -3.07' | 102.87' |

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16F3095 CE#3103-68

F. B. 2459 Pg. 120

# L.A. COUNTY SURVEY CONTROL SYSTEM
# TRIANGULATION STATION

## WHITAKER PEAK A7A AUX 3

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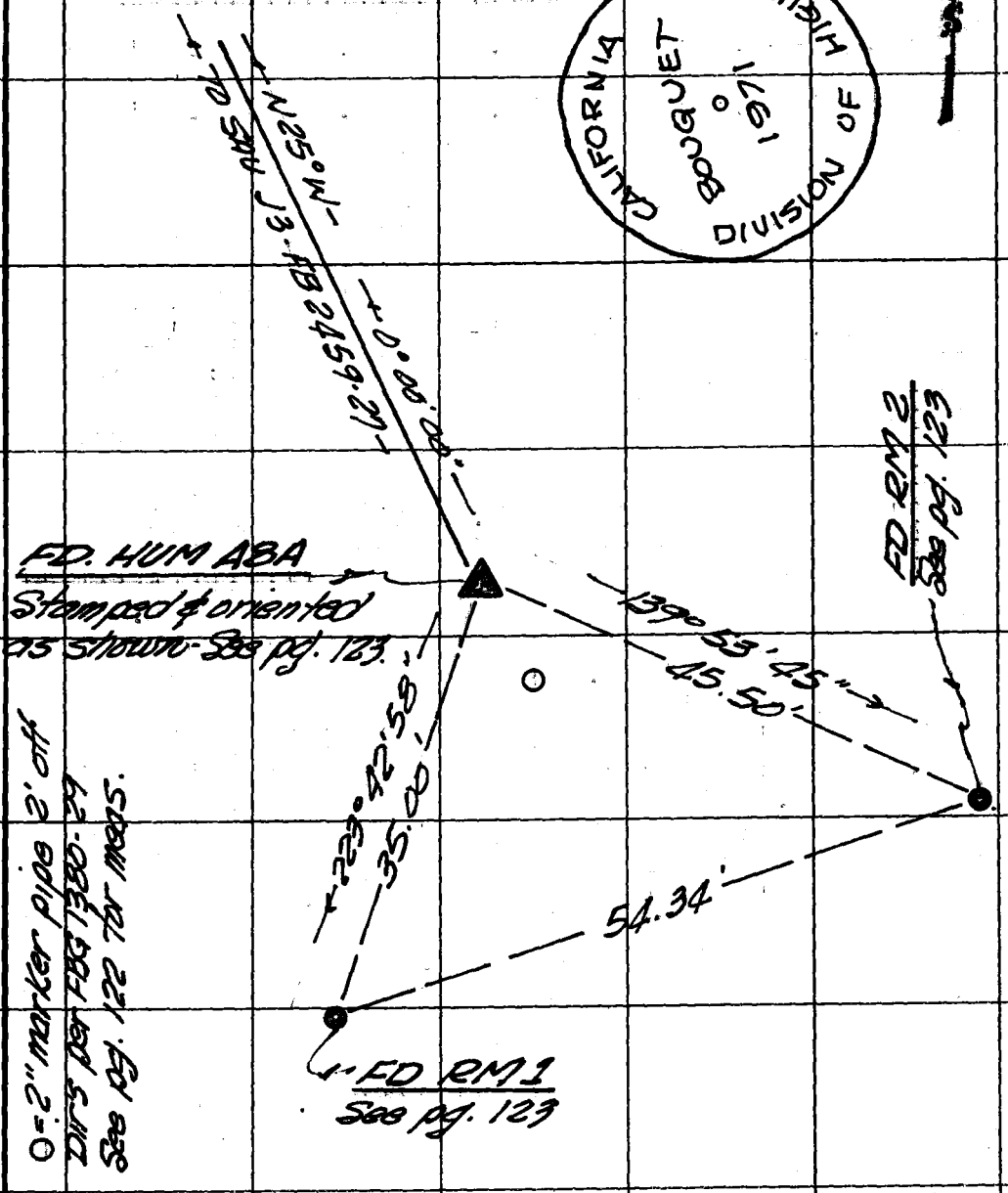
| | |
|---|---|
| Notes Ck'd by | Survey of Geod. Control |
| Map No. | JN 0301.00 Type Std °F |
| Office Work | Surveyed by RC Wilson |
| Checked | Notes RW Date 10-12-73 |
| Date | Indexed G. D. BAILEY JUL 25 1977 |

F. B 2459 PG. 121

# L.A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## HUMPHREY A8A

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 3-68

F. B. 2459 PG. 122

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## HUMPHREY A 8 A

| 300' #221 @ 76° | MEASUREMENTS 50MTR M6 @ 76° |
|---|---|
| 45.40'=45.50' | 13.868m=13.868m=45.50' |
| 35.00'=35.00' | 10.668m=10.668m=35.00' |
| 54.34'=54.34' | 16.562m=15.562m=54.34' |

**AREA:**
This triangulation station is located in the ~~Bouquet Canyon area of Los Angeles County~~ on a large flat butte east of the old L.A. City Rehab. farm and is 900'± north and 1200'± east of the south west corner of section 7, T4N, R15W

**ROUTE:**
From its intersection with Seco Cyn Rd, travel el'y on Bouquet Cyn Rd 1.65 miles to a point where the power trans. lines cross the road. Pass around the east end of a chain link gate on the south side of the road; thence south 0.1 mile to a dirt road on the left (E); turn left and travel sel'y 0.2 miles to an intersection; turn left (el'y) and follow along base of hill, thence sl'y up grade to top of hill a total of 0.5 miles; thence bear extreme left (el'y) and travel 0.2 miles to traveled tracks at the base of a slope; turn right (sel'y) on traveled tracks and up a draw 0.1 miles to the top of the butte; thence sl'y 300' ± to the station.

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|---|---|
| Notes Ck'd by | Survey of GEOD. CONTROL |
| Map No. | JN 0301.00 Tape Std °F |
| Office Work | Surveyed by R C WILSON |
| Checked | Notes Date 10-12-71 |
| Date | Indexed G. D. BAILEY JUL 25 1971 |

F. B. 2159 PG. 123

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## HUMPHREY A 8 A

**STATION MARK:**

A 2½" California Division of Highways brass disc stamped "BOUQUET 1971" up 2" and set in an 12" dia. conc. pad.
No record of sub-surface mark being set.

**REFERENCE MARKS:**

**RM 1:** A 2½" California Division of Highways brass disc stamped "RM 1 BOUQUET" with an arrow pointing to the station, up 1" and set in an 10" dia. conc pad.

**RM 2:** Same as RM 1 except stamped "RM 2"

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76F309S CE#310 3-68

F. B 2459 Pg. 124

# L. A. COUNTY SURVEY CONTROL SYSTEM
## TRIANGULATION STATION
## HUMPHREY A 8 A

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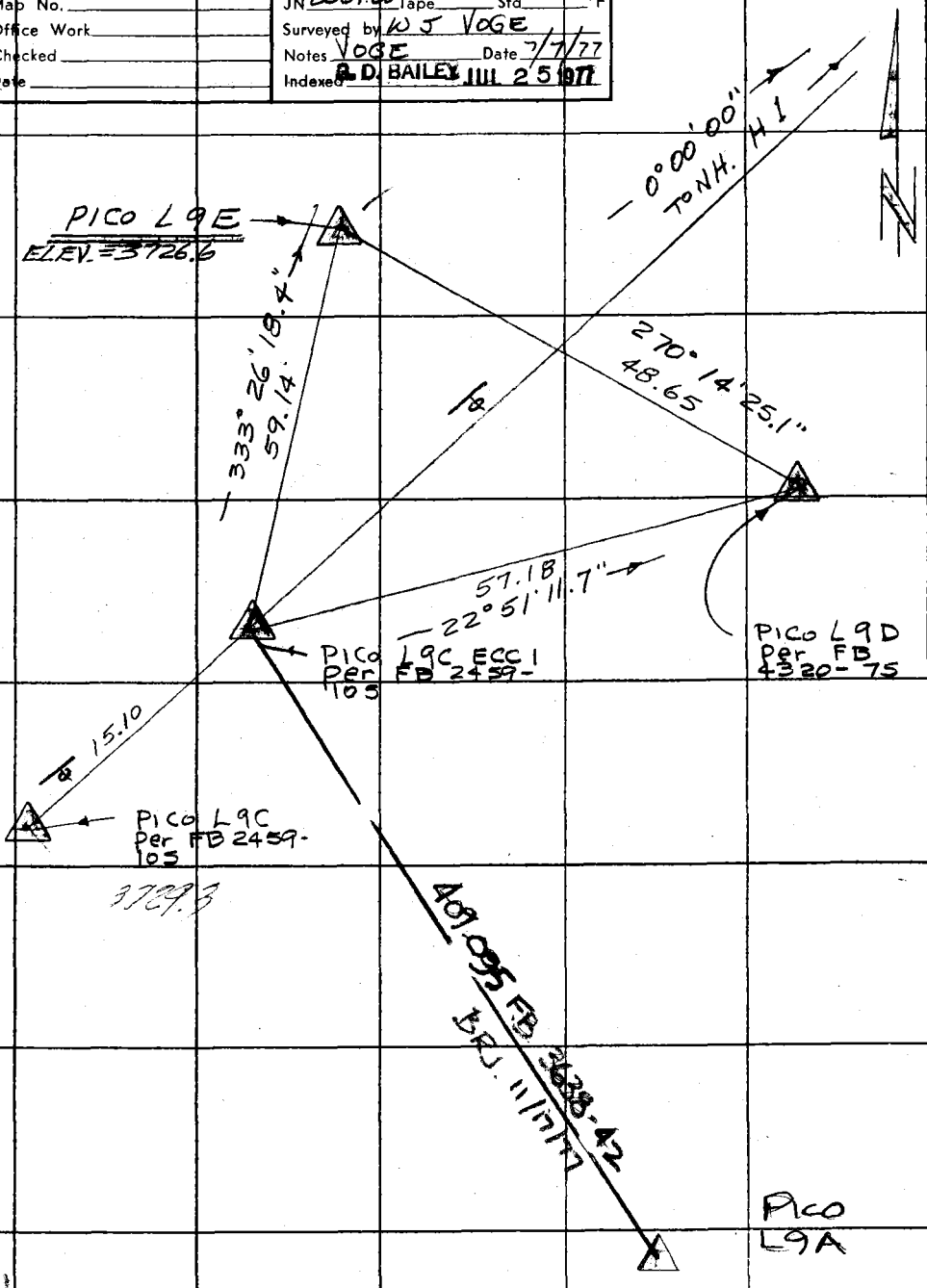
| | |
|---|---|
| Notes Ck'd by | Survey of GEODETIC CONTROL F. B. 2459 PG. 125 |
| Map No. | JN 0301.00 Tape Std °F |
| Office Work | Surveyed by W J VOGE |
| Checked | Notes VOGE Date 7/7/77 |
| Date | Indexed R. D. BAILEY JUL 25 1977 |

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76F309S CE#310 3-69

F. B. 2459 PG. 126

# PICO 4 9E

## MEASUREMENTS

100' TAPE #0252

59.14 @ LEV T=68 = 59.14
48.65 @ LEV T=68 = 48.65
57.18 @ LEV T=68 = 57.18
15.10 @ LEV T=68 = 15.10

AREA - ROUTE : SEE PG 103

STATION MARK : A 4" DEPARTMENT OF INTERIOR GEOLOGICAL SURVEY BRASS TRIANG. DISC STAMPED PICO N CER 1977 SET IN CONC. DOWN 6" IN WELL.

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| | |
|---|---|
| Notes Ck'd by | Survey of GEODETIC CONTROL |
| Map No. | JN 0301.00 Tape Std °F |
| Office Work | Surveyed by W.J. VOGE |
| Checked | Notes VOGE Date 7/8/77 |
| Date | Indexed D. BAILEY JUL 25 1977 |

F. B. 2459 PG. 127

# PICO J-7A

RM 2
SEE NEXT PG.

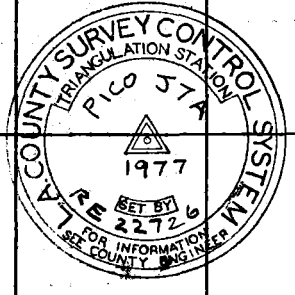
35.39

SET PICO J 7A
SEE NEXT PG.

27.02

RM 1
SEE NEXT PG.

To PICO L9C

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76F309S CE#310 3-69

F. B. 2459 PG. 128

# PICO J 7A

## MEASUREMENTS

300' TAPE # 174

35.40 @ LEV T=58 = 35.39

27.025 @ LEV T=58 = 27.025

50 MTR TAPE # M 3

10.791 @ LEV. T=58 = 10.788 = 35.39

8.237 @ LEV T=58 = 8.237 = 27.024

AREA - ROUTE : SEE PG. 60

STATION MARK: A 4" L.A. CO. SUR. CONT. SYSTEM BRASS TRIANGULATION DISC STAMPED: PICO J 7A 1977 RE 22726 SET FLUSH IN A 6" CONC POST UP 3".

REFERENCE MARK NO. 1: A 4" L.A. CO. SUR. CONT. SYSTEM BRASS REFERENCE MARK DISC STAMPED: PICO J 7A RM 1 1977 RE 22726 SET FLUSH IN A 6" CONC. POST UP 3."

REFERENCE MARK NO 2: SAME AS RM 1 EXCEPT STAMPED RM 2

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Profile No. | Notes Red | Plotted | Job No. 0020.05 | Division No.
Date | Date | Survey of
X-Sec. No. | Notes Chk'd. | Checked | Survey by C. L. WRIGHT | Notes C. L. W. | Date 28 - JUNE 71
Date | Date | Map No. | Indexed D. BAILEY | Date JUL 25 1977

F. B. 2457 Pg. 159

OAT MOUNTAIN
DIFFERENCE IN ELEV.
BETWEEN △ STA. PICO L9A
AND △ STA. PICO L9 AUX 2 ECC 1

J.N. 0020.05

Not Needed

| STATION | B.S. | H.I. | F.S. | ELEV. |
|---|---|---|---|---|
| | | C.L. WRIGHT<br>M.R. NEVAREZ | | |
| | | T.A. DONLEVY<br>R.D. PULLIGER | | |

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76-L-296 CE 307 5-66

76-L-298 CE 307 5-66

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| STATION | B. S. | H. I. | F. S. | ELEV. | |
|---|---|---|---|---|---|
| | | | | | [illegible] MTN. DN. 14 IN WELL & COVER A STD. CO. ENGR △ MON. SEE F.B. 2459 PG 107 FOR FULL DESCRIPTION & LOCATION ASSUMED ELEV. 100.00 |
| Pico L9A | | | | 100.00 | |
| | 9635 | 109 635 | | | |
| | | | 2280 | 10[illegible] | |
| | 3078 | 110 433 | | | |
| Pico L9Aux2Ecc1 | | | 11 280 | 99 [illegible] | Pico L9 Aux 2 Ecc. 1 TOP OAT MTN. FD. A STD. CO. ENGR △ MON. SEE F.B. 2459-105 FOR FULL DESC. & LOC. |
| | 11 32[illegible] | 110 47[illegible] | | | |
| | | | 2 80[illegible] | 107 974 | |
| | 2213 | 110 187 | | | |
| Pico L9A | | | 10 183 | 100 [illegible] | SEE 8 LINES ABOVE |

F. B. Pg. 130

Job No. 02005 Division No. Notes Red Plotted Profile No. Date Date X-Sec. No.

Survey of Notes C.L.W. Checked

Survey by C. L. WRIGHT Date 28 JUNE 71 Date

Indexed J. C. BAILEY