947 5

F. B. PG.

Notes Ck'd by
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Office Work
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Date

Survey of GEODETIC CONTROL
W.O. 0301.00 Tape No. 0162 Std. 68 °F
Surveyed by STOCK
Notes STOCK Date 11-55
Indexed A. C. Johnson

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION NET

CHATSWORTH TO NEWHALL

J.N. 0301.00

PARTIES :

STOCK	BAY
SMITH	LANDA
MORENO	MCKNIGHT
WILKS	HARRINGTON
LYBRAND	WALLACE
GREENE	

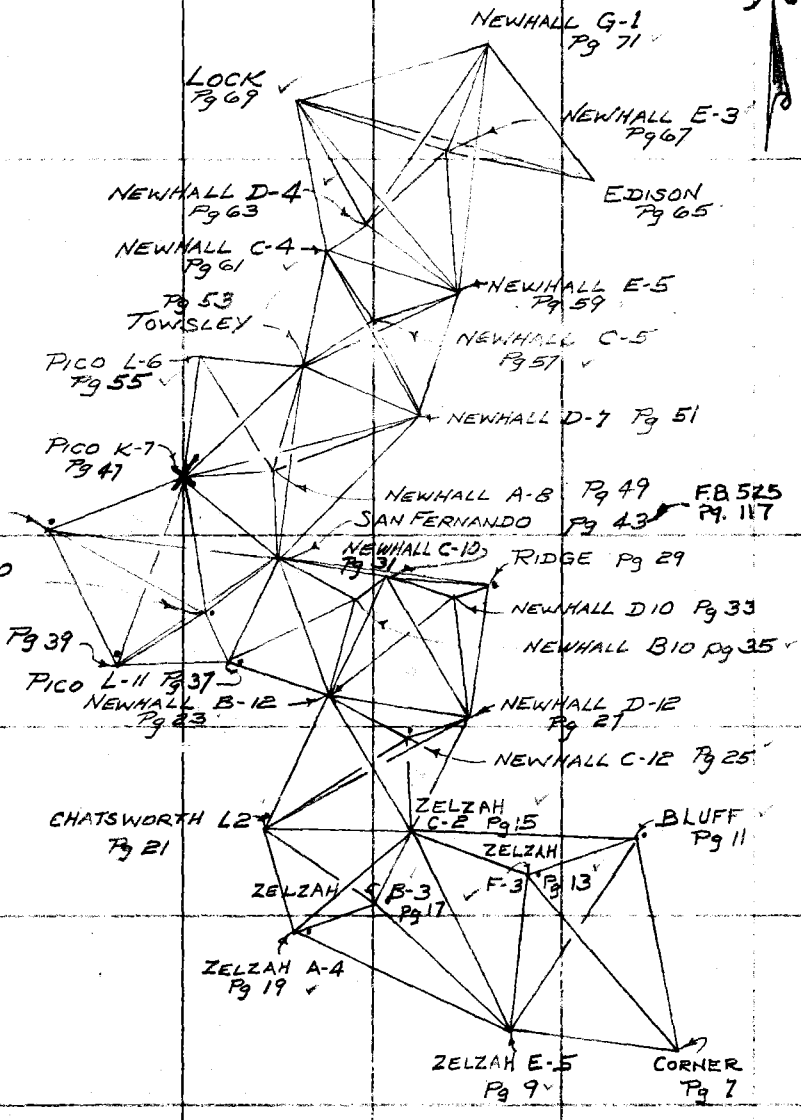
Microfilmed May 86

F.B. 947 PG. 6

INDEX

TRIANGULATION NET
CHATSWORTH TO NEWHALL

Pg 73 & 74 TITLE SHEET, WAYSIDE NET & INDEX



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Office Work	Surveyed by W. D. BAY
Checked	Notes W.D.B. Date 2-17-56
Date	Indexed ~~A. C. Johnson~~ 4-5-56

F. B. 947 Pg. 1

L. A. COUNTY SURVEY CONTROL SYSTEM

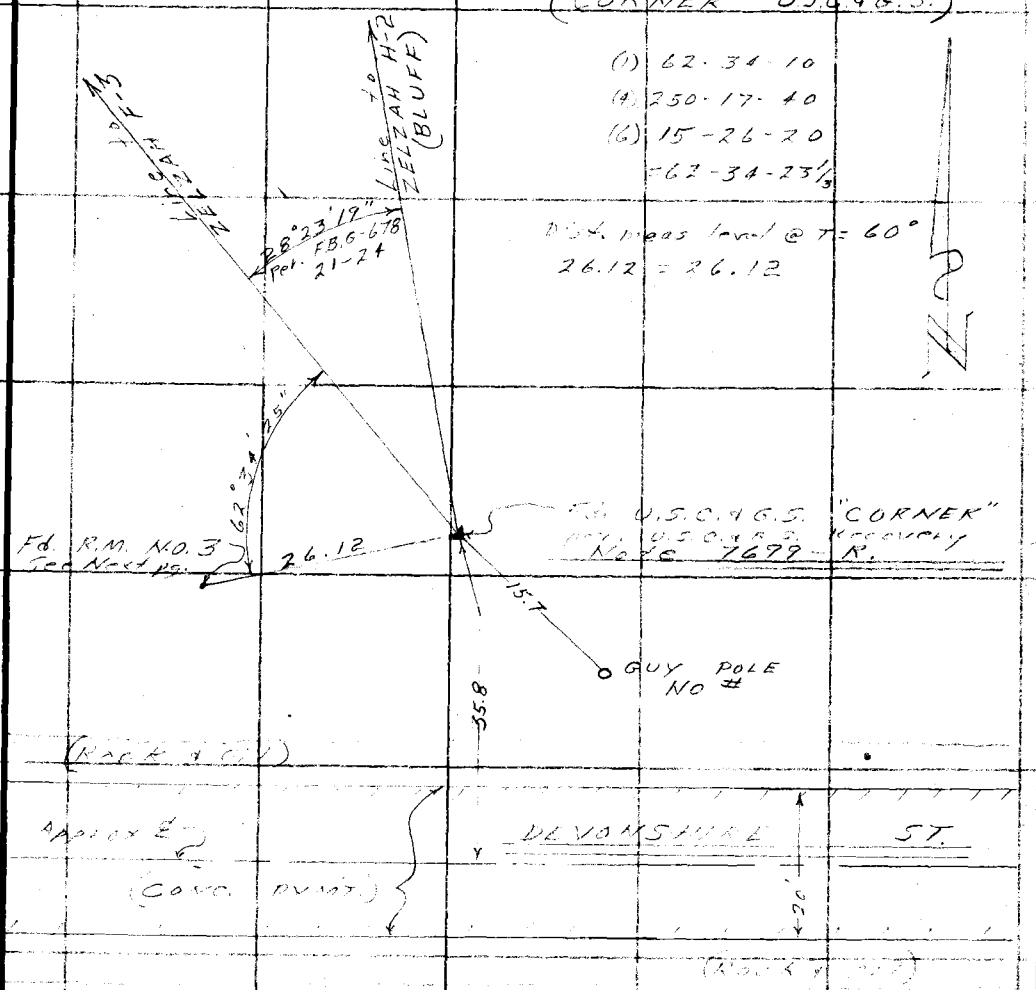
TRIANGULATION STATION

ZELZAH I-5

("CORNER" U.S.C.&G.S.)

(1) 62-34-10
(4) 250-17-40
(6) 15-26-20
= 62-34-23 1/3

Dist. meas level @ T = 60°
26.12 = 26.12



For additional angles see F.B. G-678, 21-24

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76F309S S&E #247. 8-54

F. B. 747 PG. 8

— DESCRIPTIONS —

ZELZAH I-5 U.S.C. & G.S. "CORNER"

This station is in LOS ANGELES COUNTY, in the city limits of the CITY of LOS ANGELES, in the GRANADA HILLS AREA of the SAN FERNANDO VALLEY, on DEVONSHIRE ST., 0.1 miles E. of RESEDA AVE. 435.8' N. of the ℄ of DEVONSHIRE ST.

STATION MARK: Ft. a std. U.S.C. & G.S. Triangulation Station Brass Cap in conc. marked "CORNER 1938", with a 4' WOODEN instrument stand erected over the station.

REFERENCE MARK NO 3: Ft. a std. U.S.C. & G.S. Reference Mark brass cap NO. 3, 1932 & protruding 4" above the ground.

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Date	Indexed C. JOHNSON 3-14-56

F. B. 947 Pg. 9

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

(CITY OF L.A. 6F10)

ZELZAH E-5

② 19° 57' 45"
④ 39° 55 30"
= 189° 58' 52½"

FOUND CITY OF L.A. 6F10 ZELZAH E-5
Per CITY OF L.A. GEOD. CARD. SEE NEXT PAGE FOR DESCRIPTION

189° 58' 52½"

Fd. R.M. "2" Per CITY OF L.A. GEOD. CARD.

② 133° 47' 45"
④ 267° 36' 00"
= 66° 54' 00"

92.66'

140'

92.16'

71.31'

Line To CORNER

Fd. R.M. "1" Per CITY OF L.A. GEOD. CARD

66° 54' 00"

0.25 Mi.

NORTHRIDGE ESTATES

103° 07' 15"

SANTA SUSANA AVE.

2.5 Mi.

DEVONSHIRE ST.

CHATSWORTH

71.32' level T = 56° = 71.31'
92.67' " " = 92.66'
92.17' " " = 92.16'

② 206° 14' 30"
④ 52° 29' 00"
= 103° 07' 15"

CORBIN AVE.

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76F309S S&E #247. 8-54

F. B. 347 Pg. 10

DESCRIPTION
ZELZAH E-5
CITY OF L.A. 6F10

THIS STATION IS IN LOS ANGELES COUNTY, AT THE NORTH EDGE OF SAN FERNANDO VALLEY, ON THE NORTHRIDGE ESTATES, ON A LARGE FLAT TOPPED KNOLL, 2.5 MILES EAST OF CHATSWORTH, 0.25 MILE NORTH OF DEVONSHIRE ST., 40'± EAST OF THE APPROXIMATE CENTER LINE PRODUCED OF CORBIN AVE., AT THE SOUTH EDGE OF FLAT.

TO REACH THIS STATION FROM CHATSWORTH, DRIVE EAST ON DEVONSHIRE ST. 2.0 MILES FROM SANTA SUSANA AVE. TO WINNETKA AVE. (A PRIVATE ESTATES ROAD) TURN LEFT & NORTH 0.3 MILE TO NORTHRIDGE RD., TURN RIGHT & EAST 0.2 MILE TO INTERSECTION, CONTINUE EAST 0.1 MILE WHERE ROAD CURVES NORTH UP DRAW, FOLLOW 0.3 MILE MORE TO END OF PAVED ROAD, TURN RIGHT & SOUTH FOLLOW PAIR OF RUTS UP RIDGE 0.1 MILE TO [illegible] & STATION.

STATION MARK: Found in good Condition. A STD. 4" BRASS DISK (L.A. CITY TRI.) IN CONC. MON. 12"x12", 12" BELOW SURFACE AND LETTERED; "FIRST ORDER SURVEY CONTROL, TRIANGULATION STATION, 6F10, 1938, BUREAU OF ENGINEERING - SURVEY DIVISION, CITY OF L.A. DEPT. OF PUBLIC WORKS."

REFERENCE MARK NO 1: Found in good Condition A STD 4" BRASS DISK (L.A. CITY REF.) IN CONC. MON. 12"x12" FLUSH WITH THE GROUND SURFACE AND LETTERED, "FIRST ORDER SURVEY CONTROL, REFERENCE MARK NO 1, 6F10, 1938, BUREAU OF ENGINEERING - SURVEY DIVISION, CITY OF L.A. DEPT. OF PUBLIC WORKS".

REFERENCE MARK NO 2: Found in good Condition SAME AS R.M. NO 1 ONLY R.M. NO 2.

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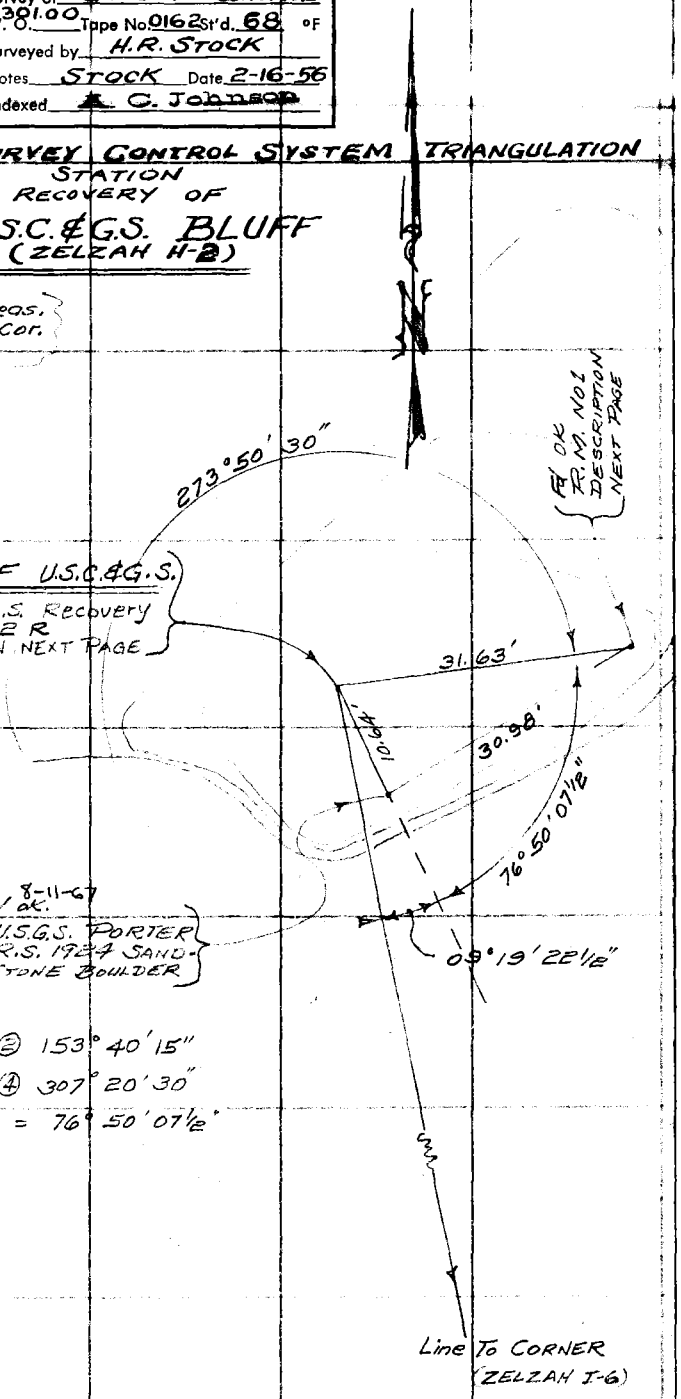
Date	Indexed A. C. Johnson

F. B. 947 Pg. 11

L.A. COUNTY SURVEY CONTROL SYSTEM TRIANGULATION STATION RECOVERY OF U.S.C.&G.S. BLUFF (ZELZAH H-2)

Note: All distances meas. @ T 66° level No cor. Shown or needed



② 18°38'45"
④ 37°17'30"
= 09°19'22½"

③ 153°40'15"
④ 307°20'30"
= 76°50'07½"

③ 187°41'00"
④ 15°22'00"
= 273°50'30"

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726 LOS ANGELES COUNTY
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76F3095 S&E #247. 8-54

F. B. 947 Pg. 12

DESCRIPTION
U.S.C.& G.S. BLUFF
(ZELZAH H-2)

This triangulation station is in Los Angeles County, in the Santa Susana Moutains on the South side of oat Mountain, on the highest point of the Bluff at the east end of Horse Flats, elev. 1650±.

To reach this station from Chatsworth go east on Devonshire St. 2.8± miles from Santa Susana Ave to private road on left or north (Address 19501 B.F. Porter estates) turn left or north & follow road up limekiln Cn. 1.2 mile to oil Co. Gate Hse, then continue nly up main paved road 1.7 mile more to intersection of Paved roads at Horse meadows, go north or straight 0.1 mile to curve & dirt road to right & east across creek and meadow 0.3 mile to end of dirt road, then Hike due South 0.2 mile to bluff, follow bluff easterly 0.6 mile more to the highest Point on bluff and station on summit.

STATION MARK: Found in good condition a standard U.S.C.& G.S. Triangulation Mark in a concrete monument 12"x12", 3" above flush. Mark is Lettered "U.S. COAST & GEODETIC SURVEY, TRIANGULATION STATION, BLUFF, 1932."

REFERENCE MARK No 1: FOUND IN GOOD CONDITION - A standard 4" Brass U.S.C.& G.S. Reference disk in a concrete monument 12"x12" 4" above flush and Lettered, "U.S. COAST & GEODETIC SURVEY, REFERENCE MARK, BLUFF, No. 1, 1932."

REFERENCE MARK NO 2: Not Found.

U.S.G.S. PORTER: FOUND IN GOOD CONDITION - A standard 4" brass U.S.G.S. disk cemented to a yellow Sandstone boulder (boulder 1.5x2.0' & 6" above flush) and Lettered "U.S. Geological Survey, in cooperation with Los Angeles County, △ Elev. Above sea Level, R.S. 1924, PORTER, 250 dollar fine for disturbing this mark."

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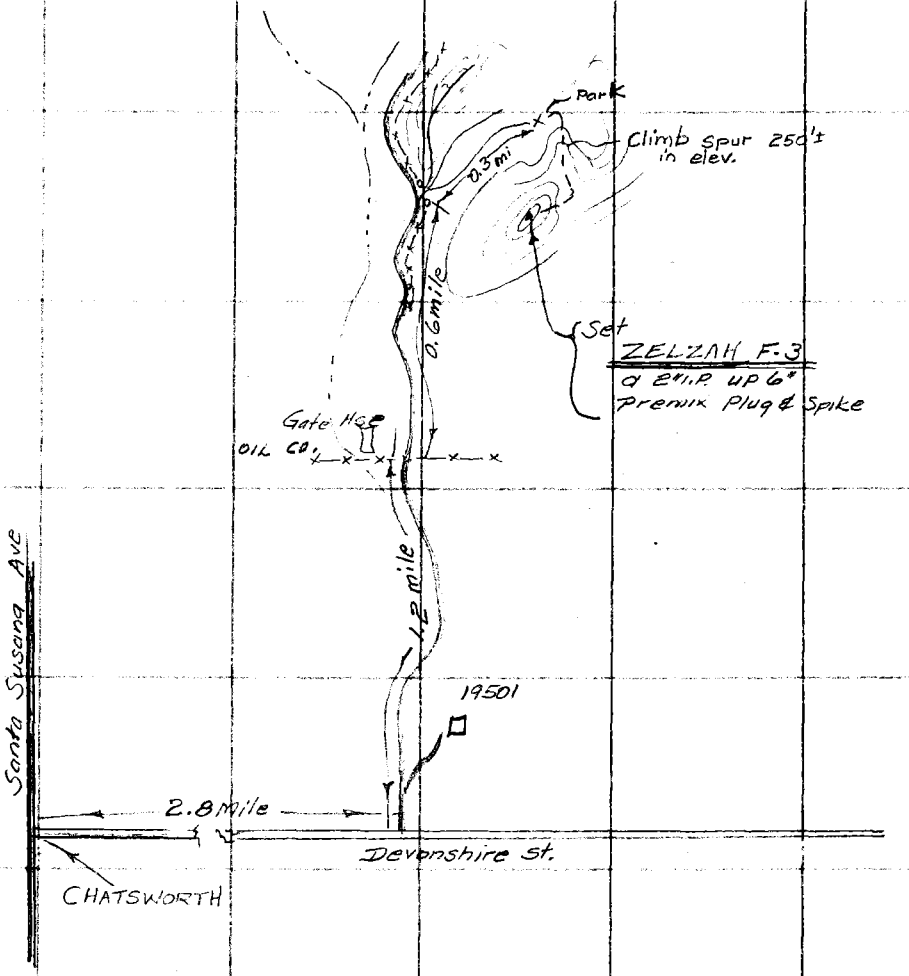
F. B. 947 Pg. 13

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

ZELZAH F-3



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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

F. B. 947 PG. 14

DESCRIPTIONS
(ZELZAH F-3)

This Triangulation Station is in Los Angeles County, 3.2 miles Northeast of Chatsworth on a prominent Ridge, 1.8 mile north of Devonshire St. meas. up Lime Kiln Canyon & 0.2 mile east of paved road, elev. 1546'±.

To reach this station from Chatsworth travel east from Santa Susana Ave. on Devonshire St., 2.8 mile to Private road on left or north (Address 19501 Devonshire St. B.F. Porter Estates) travel north on private road 1.2 miles to oil Co. gate, continue north on main road 0.6 mile more to gate on right, turn right or east thru gate & follow the right or south set of ruts into bottom of draw easterly 0.3 mile to Spur, hike southerly up spur 0.1 mile onto ridge then follow the ridge Southwesterly 300'± to summit and Station.

STATION MARK: Set a 2" I.P. with a premix and cement plug with an inverted wire spk for a center. 2" I.P. 6" above flush.

STATION has a 10' barber Pole 2x2, Red White & Black, plumbed over marked & guyed in Place.

SUB SURFACE MARK: None Set.

REFERENCE MARK: None Set.

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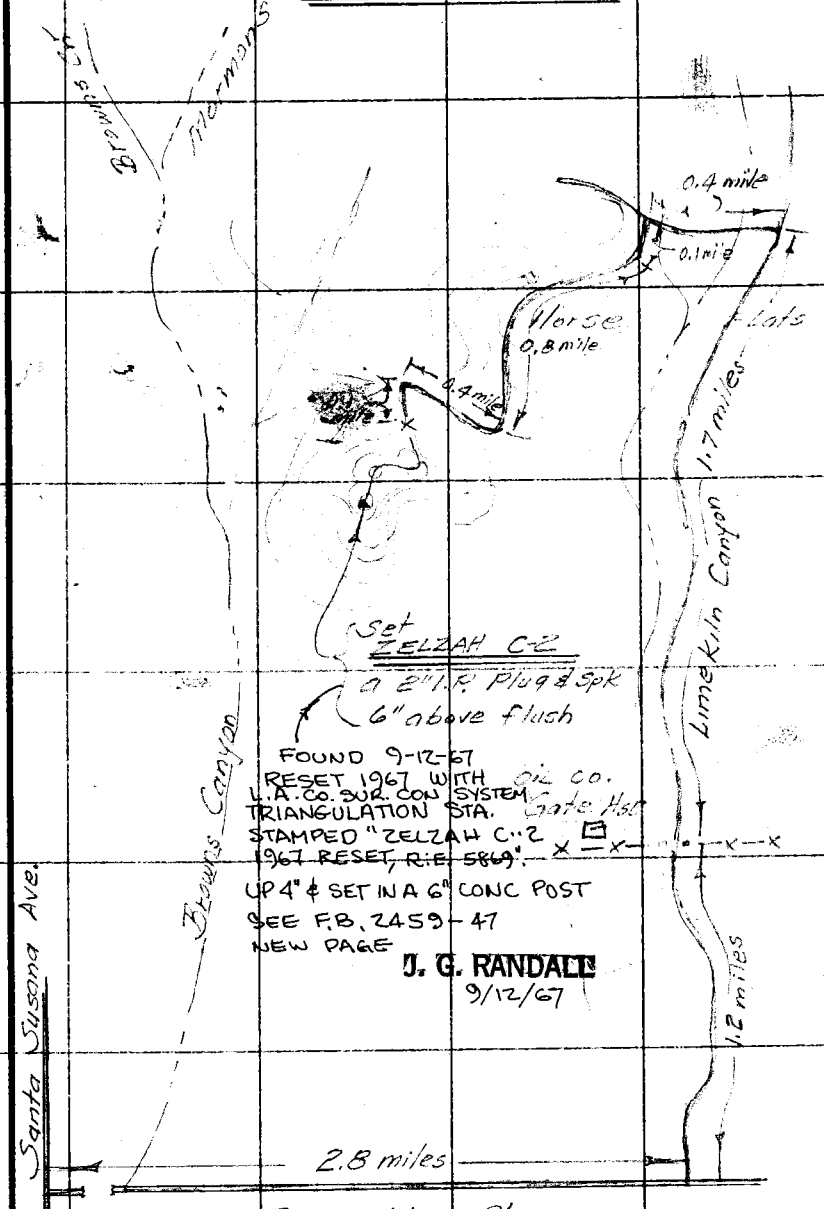
Date	Indexed [illegible]	

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

ZELZAH C-2



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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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76F3008 247 4.33

F. B. 947 PG. 16

DESCRIPTIONS
ZELZAH C-2

This triangulation station is in Los Angeles County, 2.6 miles northeast of Chatsworth, 2.1 miles north of Devonshire St. and approx. midway between Browns Cr & Limekiln Cr on the most southwesterly of three knobs on top a prominent Peak elev. 1820'±.

To reach this station from Chatsworth Travel east on Devonshire St. 2.8 miles from Santa Susana Ave, to a private road (Address 19501, Devonshire St., B.F. Porter estates) up limekiln Cr, turn Left or north go 1.2 miles to oil Co. gate & gate house, then continue north on paved road up Cr 1.7 miles to intersection of paved road to west @ Horse Flats, turn left go 0.4 mile to where road crosses drain then turn left & follow dirt road south 0.1 mile, then southwesterly across meadow and down into a draw 0.8 mile to creek crossing, road now climbs westerly up south wall of a small Canyon - follow it 0.4 mile to summit in a saddle, turn left & South 0.1 mile to toe of Slope in a draw, climb up draw staying to west side 500'± distant & 250'± elev. to Summit, go right or west thru saddle to 2nd knoll 200'±, then left or South thru 2nd Saddle 100'± to 3rd knoll and Station on summit of knoll.

STATION MARK: Set a 2" I.P. with a premix & concrete core, wire spk center, 6" above flush.

A 2"x2" wood barber Pole 10' long was guyed Plumb on station.

SUB SURFACE MARK: None Set.

REFERENCE MARK: None Set.

See FB 2459-47 FOR RMS

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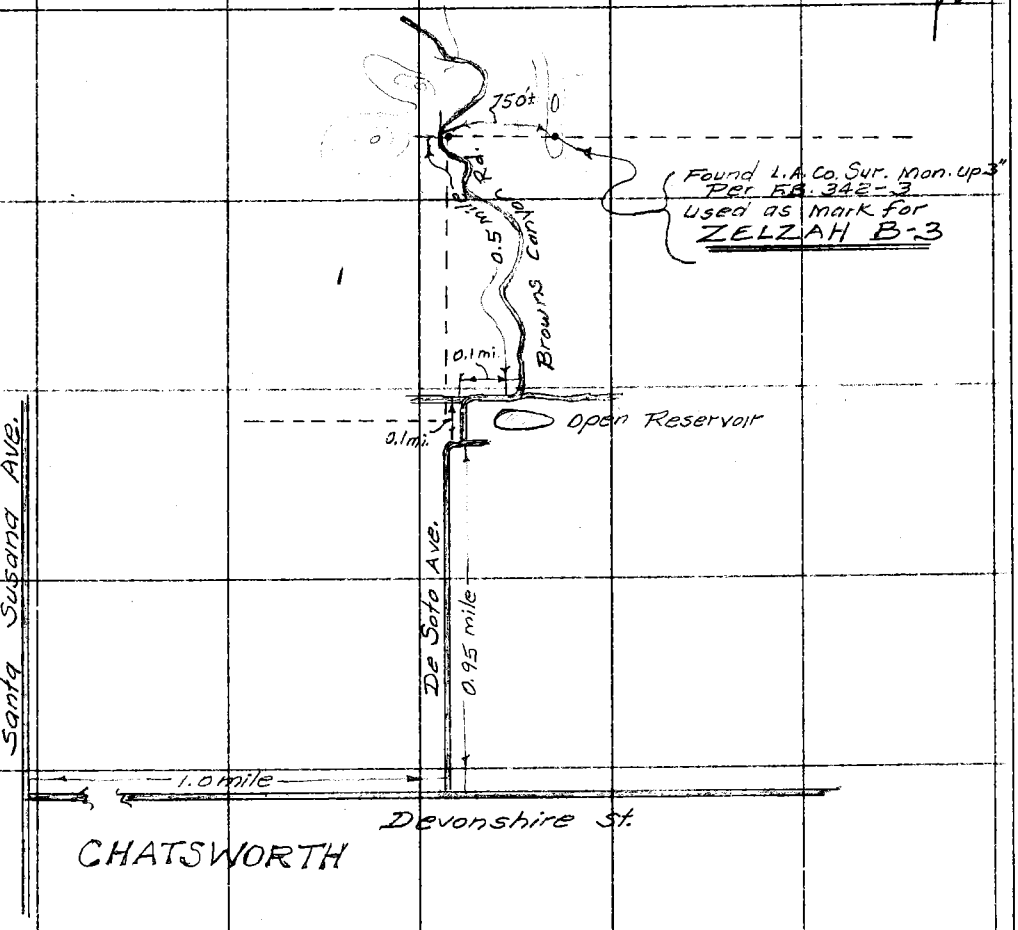
L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

ZELZAH B-3



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76FSO98 247 4-53

F. B. 947 Pg. 18

~ DESCRIPTIONS ~

ZELZAH B-3

This triangulation station is in Los Angeles County, on the Los Angeles city boundary, 1.8 miles north east of Chatsworth, 1.5 miles north of Devonshire St., 730'± east of Browns Canyon road on a prominent ridge, elev. 1425'±.

To reach this Station from Devonshire St. & De Soto Ave. travel north on De Soto Ave. 0.95 mile to fork, continue north 0.1 mile to fork turn right or east 0.05 mile to fork, turn left or north & follow paved road 0.5 mile to where road crosses a summit before starting down grade into Canyon, hike due east & up ridge 750'± & 100'± in elev. to top of long narrow ridge which runs north South in length, Station is 300'± south of Summit, in center of ridge and marked by a 2" I.P. 6' high set in Conc. 2' north of station.

STATION MARK: Found a Standard County Surveyor Monument, precast concrete, Brass 2 1/2" dia. mark Lettered "COUNTY SURVEYOR, -•-, L.A. CITY BDY". Monument extends 3" above flush & has some of Concrete busted loose from Pipe & Cap, is still solid

SUBSURFACE MARK: None

REFERENCE MARK: None Set.

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Date	Indexed

F. B. 947 Pg. 19

LOS ANGELES COUNTY SURVEY CONTROL SYSTEM

RECOVERY OF TRIANGULATION STATION
CITY of L.A.

(ZELZAH A-4)

5E10

① 56°03'00"
④ 224°12'00"
= 56°03'00"

① 86°03'30"
④ 344°14'00"
= 86°03'30"

① 217°53'15"
④ 151°33'30"
= 217°53'22½"

SUMMIT OF ROCKY RIDGE & 8' Above Station

Fd OK R.M. No 2 See Next Pg & CITY OF L.A. GEOD. CARD

86°03'30"

100'±

42.215' Meas.
12.870m Mtr.

40.09'±

12" OAK TREE

Fd OK R.M. No 1 See Next Pg & GEOD. CARD CITY OF L.A.

15.51'±

50'±

56°03'00"

300' = 204

42.215 Ⓒ @ 100° = 42.215 FT

12.870 Ⓒ @ 100° = 12.870 MTR

RWW 9-29-67

Fd OK 5E10 ZELZAH A-4

See Next Page also CITY of L.A. GEOD. CARD

Fd OK 9-29-67 RWW

217°53'22½"

Line To 6F10 (ZELZAH E-5)

40.09' level T = 54° = 40.09'

15.51' " " = 15.51'

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767306 247 4-58

F.B. 947 Pg. 20

DESCRIPTIONS
SE10
ZELZAH A-4

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY, IN TWIN LAKES PARK AREA, 1.2 MILES NORTH OF CHATSWORTH, ON A ROCKY RIDGE 800'± SOUTH OF THE INTERSECTION OF INCA TRAIL & WAHOO TR., 250' SOUTH of SOUTH TERMINUS OF INCA TRAIL, 600'± SOUTH OF APACHE TR.

TO REACH FROM MAYAN DRIVE & INCA TRAIL DRIVE SOUTH ON INCA TRAIL 0.1mi TO END OF GRADED DIRT ROAD, PARK AND HIKE ALONG TRAIL OUT TO ROCKY POINT OF RIDGE 100'± SOUTH OF SUMMIT, 50'± WEST OF A LONE OAK TREE(12") TO STATION ON LARGE SANDSTONE BOULDER.

STATION MARK: Found in good Condition. A STANDARD L.A. CITY TRIANGULATION DISK 4" BRASS DISK, CEMENTED TO CENTER OF TOP OF LARGE FLAT TOP BOULDER (APPROX. 9'x11' and 4' high) YELLOW SANDSTONE. THE DISK IS LETTERED; "FIRST ORDER SURVEY CONTROL, CITY OF L.A. DEPT. OF PUBLIC WORKS, BUREAU OF ENGINEERING - SURVEY DIVISION, TRIANGULATION STATION, SE10, 1938."

REFERENCE MARK NO 1: Found in good Condition. A STANDARD L.A. CITY REF MARK, 4" BRASS DISK, CEMENTED TO A LARGE FLAT SAND STONE BOULDER AND LETTERED; "FIRST ORDER SURVEY CONTROL, CITY OF L.A. DEPT OF PUBLIC WORKS, BUREAU OF ENGINEERING - SURVEY DIVISION, REFERENCE MARK, NO 1, SE 10, 1938."

REFERENCE MARK NO 2: Found in good Condition. SAME AS R.M. NO 1 ONLY LETTERED "NO 2".

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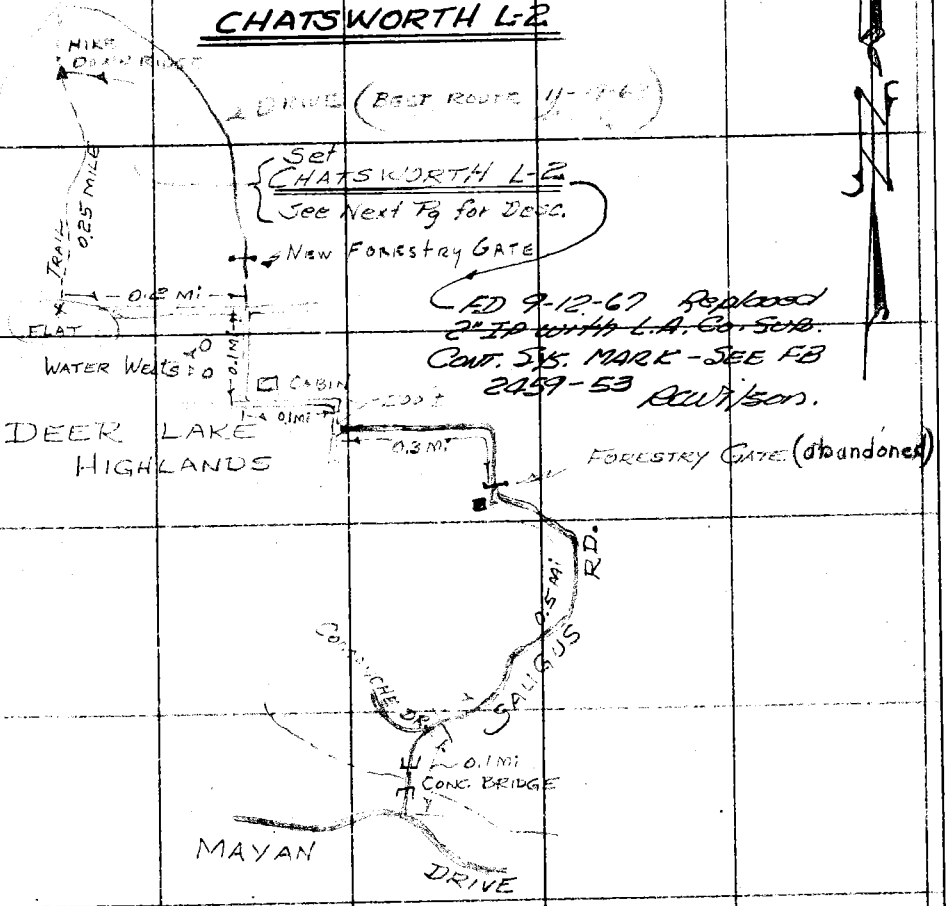
F. B. 947 PG. 21

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

CHATSWORTH L-2



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726 LOS ANGELES COUNTY
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76F3098 247 4-53

F. B. 947 PG. 22

DESCRIPTIONS
CHATSWORTH L-2

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY, ON A PROMINENT PEAK AT SOUTH END OF DIVIDE BETWEEN BROWNS CANYON AND YBARRA CANYON, 0.3 MILE NORTH OF THE WEST END DEER LAKE HIGHLANDS.

TO REACH THIS STATION FROM THE INTERSECTION OF MAYAN DR & SAUGUS RD. DRIVE NORTH ON SAUGUS RD ACROSS BRIDGE 0.1 MI TO FORK STAY RIGHT & EAST ON SAUGUS RD 0.5 MILE TO FORESTRY GATE, CONTINUE 0.3 MILE TO FORK AT END OF PAVED ROAD, TURN RIGHT & NORTH 200' ± THEN LEFT & WEST 0.1 MILE PAST LOOKOUT FRAME CABIN & FORK TURN RIGHT & NORTH THRU SADDLE PAST TWO WATER WELLS & PUMP HOUSE ON WEST SIDE OF ROAD 0.1 MILE TO FLAT (OLD DRILL SITE with Concrete footings & foundations) PARK & HIKE NORTH INTO SADDLE THEN UP ONTO FIRST PROMINENT PEAK 0.25 MILE TO SUMMIT & STATION.

CONTINUE ALL 1 N.W.LY TO TOP MAIN RIDGE HIKE SLY DOWN RIDGE 900'±

STATION MARK: Set 2" I.P. WITH A FREMIX & CEMENT CORE, WIRE SPK. CENTER. PIPE IS 1" ABOVE FLUSH & HAD A 2"x2" barber Pole 10' Long - painted Black, white & red guyed Plumb on it.

REFERENCE MARKS: NONE SET.
See FB 2459-53 FOR RM 1 & RM 2
Rdw
12-18-67

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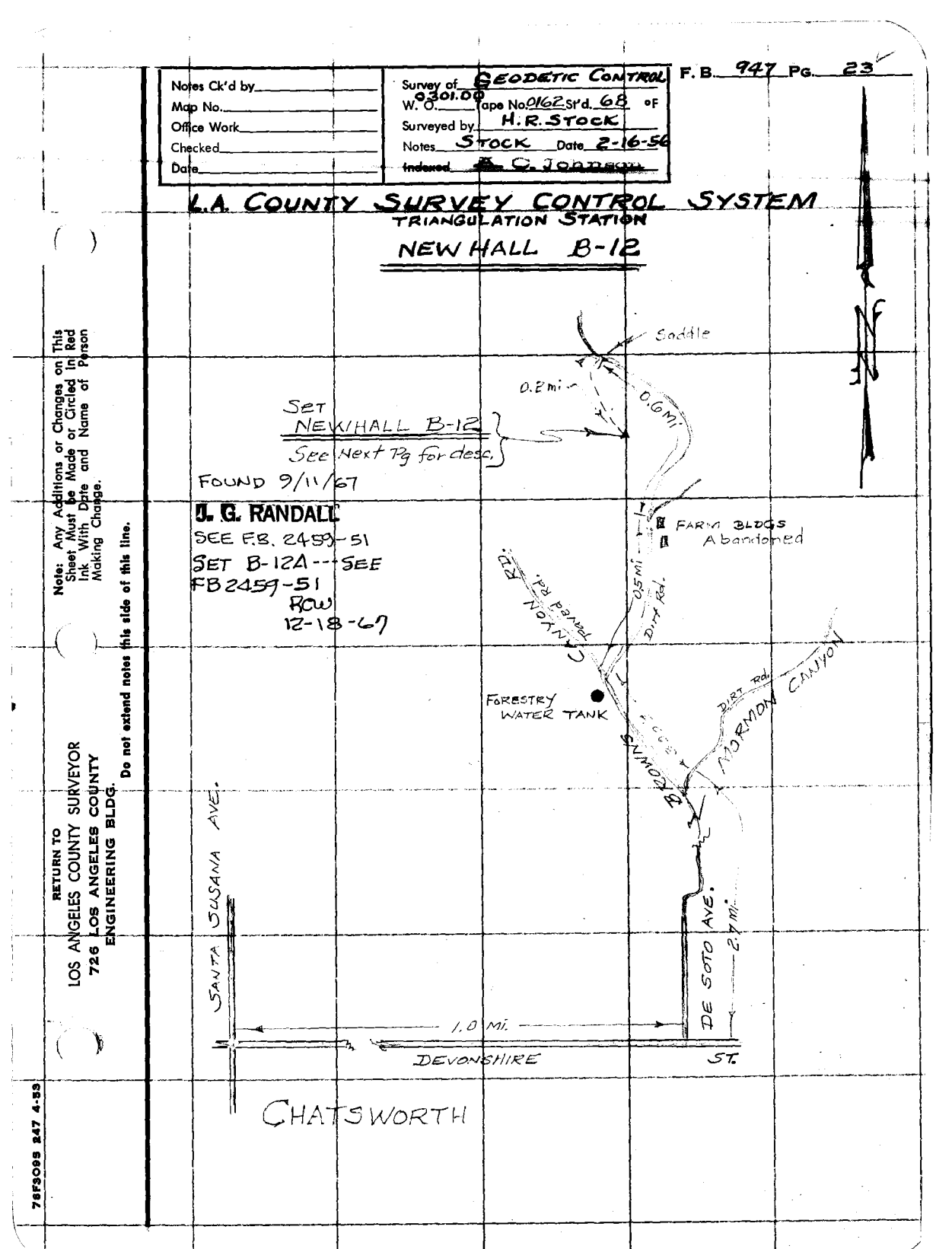
L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

NEW HALL B-12



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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

Do not extend notes this side of this line.

78F3008 247 4-53

F. B. 947 PG. 24

DESCRIPTIONS
NEWHALL B-12

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY, ON THE SOUTHSIDE OF OAT MOUNTAIN 1.6 MILES SOUTHEAST OF SUMMIT, ON HIGH POINT OF PROMINENT RIDGE, BETWEEN BROWNS CANYON & MORMON CANYON, 4000'± NORTH OF CONFLUENCE OF CANYONS.

TO REACH THIS STATION FROM DEVONSHIRE ST. & DE SOTO AVE., TRAVEL NORTH ON DE SOTO AVE. 0.95 MILE TO INTERSECTION CONTINUE NORTH 0.1 MILE TO FORK TURN RIGHT OR EAST, 0.05 MILE TO FORK, TURN LEFT OR NORTH & FOLLOW PAVED ROAD (BROWNS CANYON RD.) NORTHERLY UP CANYON 1.6 MILES TO FORK, STAY RIGHT & CONTINUE NORTH 0.6 MILE TO FORK (MORMON CANYON), CONTINUE 300'± TO FORK NORTH OF FORESTRY WATER TANK ON LEFT, TAKE RIGHT OR EAST ROAD (DIRT) 0.5 MILE TO BUILDINGS, CONTINUE NORTHERLY UP AND AROUND EAST SIDE OF PROMINENT RIDGE 0.6 MILE INTO SADDLE, THEN LEFT & SOUTH 0.2 MILE TO SUMMIT OF RIDGE (BLUFF) & STATION @ SOUTH EAST END OF SUMMIT.

STATION MARK: A Set 2" I.P. 2" ABOVE FLUSH WITH A PREMIX & CONCRETE CORE & WIRE SPIKE CENTER. A BARBER POLE 2" X 2" X 10 FT PAINTED BLACK, WHITE & RED WAS GUYED PLUMB ON MARK.

REFERENCE MARKS: NONE SET.

See FB 2059-S1 FOR RM'S

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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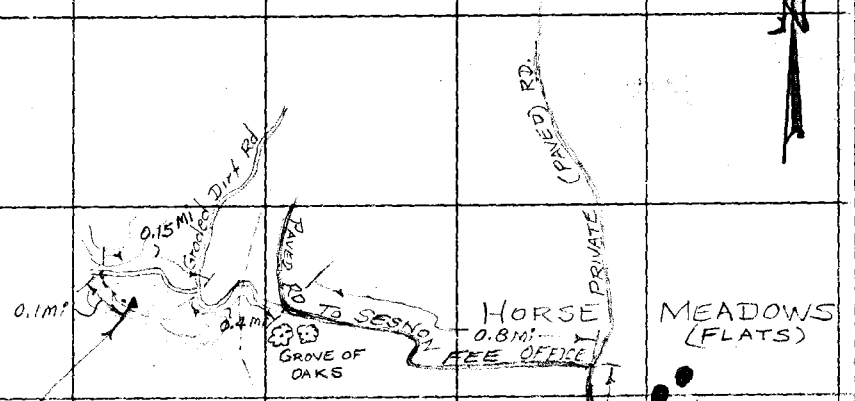
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0201.00 Tape No. 0162 St'd. 68 °F
Office Work	Surveyed by H.R. STOCK
Checked	Notes STOCK Date 2-17-56
Date	Indexed

F.B. 947 Pg. 25

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

NEWHALL C-12



Set NEWHALL C-12
See Next Pg for desc.

2050' ELEV. Per U.S.G.S. 7½' QUAD. SHEET OAT MT.

FOUND & RESET WITH L.A. CO. SUR. CONT. SYSTEM BRASS TRIANGULATION DISC. STAMPED NEWHALL C-12 1967 FBE 5869 UP 8" & IN 12"x12" CONC. PAD.

D. G. RANDALL

SEE F.B. 2459-67

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

Do not extend notes this side of this line.

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

76FS098 247 4-53

F. B. 947 PG. 26

DESCRIPTIONS
NEWHALL C 12

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY, ON SOUTH SIDE OF OAT MOUNTAIN, 2.4 MILES SOUTH EAST OF SUMMIT (FORESTRY LOOK OUT), 1.0 MILE NORTH EAST OF CONFLUENCE BROWNS CANYON & MORMON CANYON, 1.4 MILES NORTH WEST OF LIMEKILN CANYON ROAD INTERSECTION SESNON FEE ROAD IN HORSE FLATS, ON SUMMIT OF BLUFF.

TO REACH THIS STATION FROM LIMEKILN CANYON RD. (PRIVATE RD. ADDRESS 19501 DEVONSHIRE ST.) AT DEVONSHIRE ST. RIDE NORTH 1.2 MILES TO OIL CO. GATE HOUSE, CONTINUE 1.7 MILES MORE TO FORK IN HORSE FLATS, TURN LEFT OR WEST AND FOLLOW PAVED RD. (SIGN: SESNON FEE OFFICE & STORE ROOM 0.8 MILE TO CURVE AT GROUP OF OAK TREES & DIRT RD ON LEFT, TURN LEFT FOLLOW DIRT RD WESTERLY THRU SADDLE 0.2 MILE, THEN NORTHERLY DOWN INTO DRAW 0.1 MILE, THEN SOUTHWESTERLY 0.1 MILE TO FORK, STAY LEFT & WEST TO SUMMIT OF SADDLE, TURN LEFT & SOUTHEASTERLY UP RIDGE TO SUMMIT OF BLUFF AND STATION.

STATION MARK: SET A 2" I.P. WITH A PREMIX & CEMENT PLUG WITH AN INVERTED WIRE SPK. CENTER. I.P. IS 5" ABOVE FLUSH, A 10' BARBER POLE 2"x2" PAINTED RED, WHITE & BLACK WAS GUYED PLUMB OVER MARK.

SUBSURFACE MARK: NONE SET.

REFERENCE MARK: NONE SET.
See FB 2459-G for RMs

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

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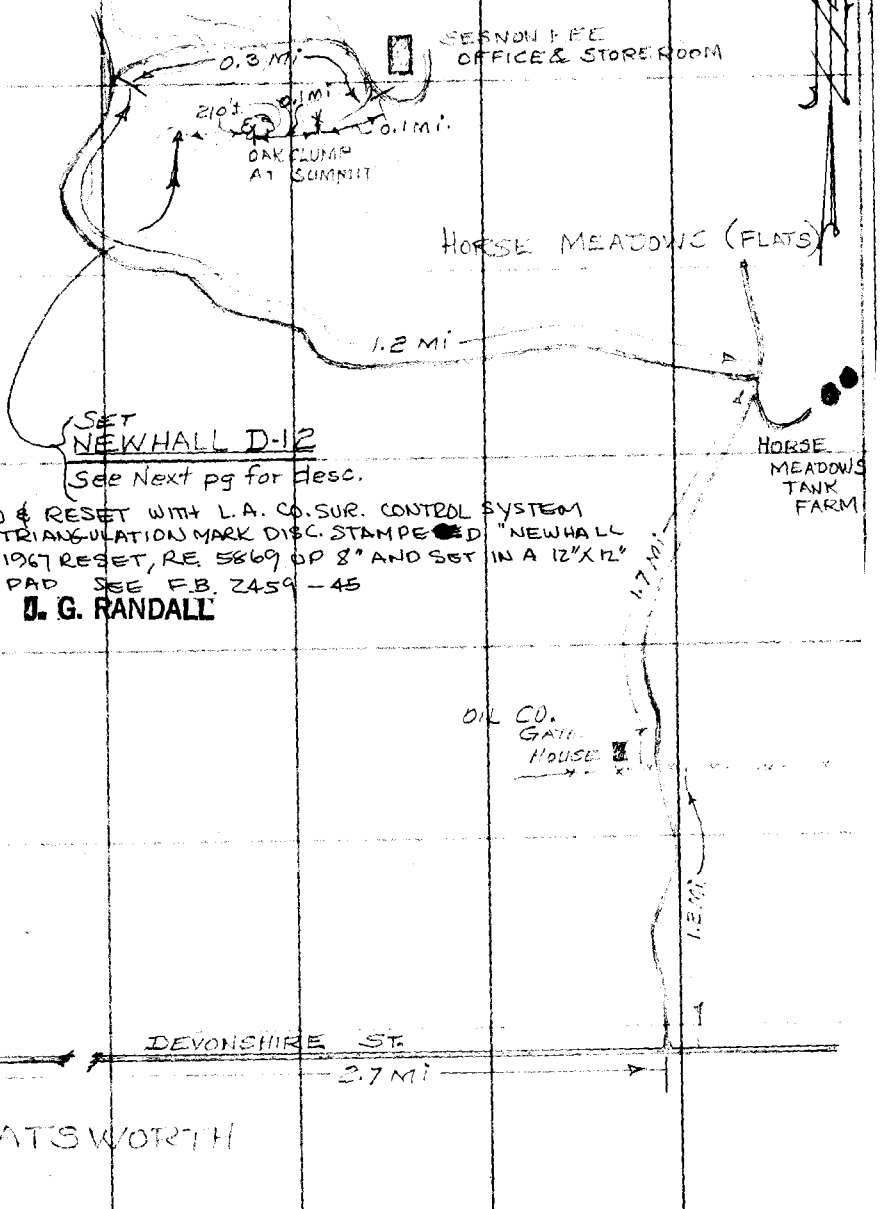
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301 Tape No. — St'd. — °F
Office Work	Surveyed by H.R. STOCK
Checked	Notes STOCK Date 2-17-56
Date	Indexed

F. B. 947 Pg. 27

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

NEWHALL D-12



FOUND & RESET WITH L.A. CO. SUR. CONTROL SYSTEM BRASS TRIANGULATION MARK DISC. STAMPED "NEWHALL D-12, 1967 RESET, RE. 5869 OP 8" AND SET IN A 12"X12" CONC PAD SEE F.B. 2459 – 45

J. G. RANDALL

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

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

76F3095 S&E #247. 8-54

F. B. 947 Pg. 23

DESCRIPTION
NEWHALL D-12

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY, IN THE SANTA SUSANA MOUNTAINS, ON THE SOUTH SIDE OF OAT MOUNTAIN, 2.5 MILES SOUTH EAST OF SUMMIT (MICRO WAVE STATION & FORESTRY LOOKOUT TOWER), ON THE SESNON FEE OIL LEASE, 0.2 MILE SOUTHWEST OF THE SESNON FEE OFFICE AND WAREHOUSE, ON THE WESTEND OF PROMINENT RIDGE 210'± WEST OF THE SUMMIT & A CLUMP OF OAK TREES, IN THE CENTER OF RIDGE AT BREAK.

TO REACH THIS STATION FROM DEVONSHIRE ST. & LIMEKILN CANYON RD. (A PRIVATE ROAD - ADDRESS = 19501 DEVONSHIRE ST., B.F. PORTER ESTATES), DRIVE NORTH ON LIMEKILN CANYON RD. 1.2 MILES TO [illegible] HOUSE, [illegible] 1.7 MILES MORE TO FORK AT HORSE MEADOWS (FLATS) & SIGN "LEFT READING" SESNON FEE OFFICE & STORE ROOM" TURN LEFT & WEST FOLLOW PAVED ROAD UP & WINDING NORTHWESTERLY 1.2 MILES TO FORK WITH SIGN ON RIGHT "SESNON FEE OFFICE & STORE ROOM", TURN RIGHT & EAST 0.3 MILE TO WHERE ROAD CROSSES RIDGE (400'± SOUTH WEST OF THE SESNON FEE OFFICE & STORE ROOM, TURN RIGHT & SOUTHWESTERLY DRIVE DOWN CENTER OF RIDGE 0.1 MILE INTO SADDLE THEN 0.1 MILE MORE ONTO SUMMIT AT OAK CLUMP, PARK & HIKE WEST 210'± TO STATION IN CENTER OF RIDGE.

STATION MARK: SET A 2" I.P. WITH A PREMIX & CEMENT PLUG WITH A WIRE SPR. CENTER. I.P. IS 4" ABOVE FLUSH. A 10' BARBER POLE 2"x2" PAINTED BLACK, WHITE & RED WAS PLUMBED ON STATION & GUYED IN PLACE.

SUB SURFACE MARK: NONE SET.

REFERENCE MARKS: NONE SET

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

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

947 29

F.B. Pg.

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301.02 Tape No. 138 Std. 84 °F
Office Work	Surveyed by H.R. STOCK
Checked	Notes STOCK Date 2-20-56
Date	Indexed

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION
RECOVERY OF

RIDGE U.S.C.&G.S.

NEWHALL E-10

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

Do not extend notes this side of this line.

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

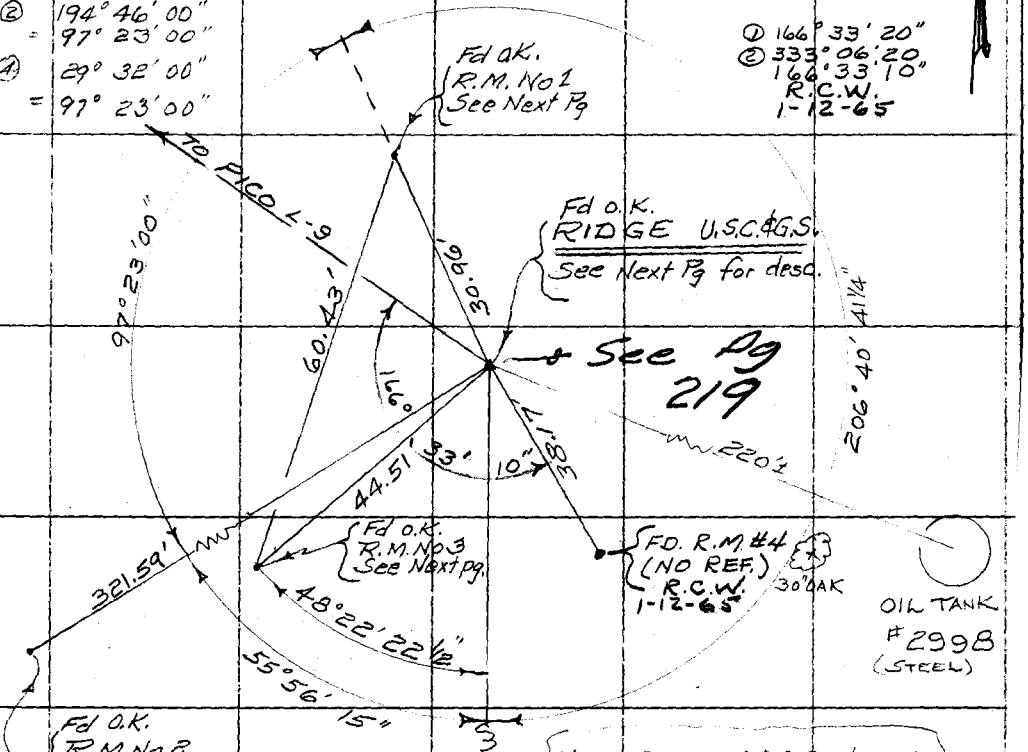
② 111° 52' 30"
= 55° 56' 15"
④ 223° 45' 00"
= 55° 56' 15"

② 194° 46' 00"
= 97° 23' 00"
④ 29° 32' 00"
= 97° 23' 00"

② 53° 21' 30"
= 206° 40' 45"
④ 106° 42' 45"
= 206° 40' 41¼"

③ 96° 44' 45"
= 48° 22' 22½"
④ 193° 29' 30"
= 48° 22' 22½"

① 166° 33' 20"
② 333° 06' 20"
166° 33' 10"
R.C.W.
1-12-65



NOTE: See U.S.C.&G.S. No. 1121
Bakersfield To San Fernando
Calif. 7758 R

60.44 level T=54°=60.43'
44.52 " " =44.52'
30.97 " " =30.96

Ridge To R.M. No 2
239.57 @ 2°31' = 239.34
239.64 @ 2°51' = 239.34
82.31 level

239.34
+ 82.31
321.65 T= 54°= 321.59'

Line To NEWHALL D-12

R.C.W. 1-13-65
RIDGE TO R.M. #4
300' TAPE #136
38.18 T=50°=38.17

76F3095 247 4-53

F. B. 947 Pg. 30

DESCRIPTION
NEWHALL E-10

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY, IN THE SANTA SUSANA MOUNTAINS, 4.8 MILES NORTHEAST OF CHATSWORTH, ON OAT MOUNTAIN, 2.1 MILES EAST OF SUMMIT (MICRO WAVE STATION & FORESTRY LOOKOUT) ON THE TOP OF BROAD PEAK AND 220'± NORTHWEST OF A LARGE STEEL OIL TANK #2998.

TO REACH THIS STATION FROM DEVONSHIRE ST. & DE SOTO AVE. DRIVE NORTH ON DE SOTO AVE. 0.95 MILE TO FORK, CONTINUE NORTH 0.1 MILE MORE TO FORK TURN RIGHT & EAST 0.05 MILE TO FORK, TURN LEFT & NORTH FOLLOW PAVED ROAD UP BROWNS CANYON 1.0 MILE TO LOCKED GATE, THEN CONTINUE 5.0 MILE TO SUMMIT OF OAT MOUNTAIN (MICRO WAVE STATION & FORESTRY LOOKOUT TOWER), FROM SUMMIT DRIVE EAST & DOWN 0.35 MILE TO FORK IN SADDLE, STAY LEFT 0.3 MILE TO INT. IN SADDLE, STAY LEFT & FOLLOW PAVED ROAD ALONG NORTH SIDE OF MAIN RIDGE 2.0 MILE TO INT. CONTINUE EAST 0.1 MILE TO INT. IN SADDLE TAKE CENTER OF THRLE PAVED ROADS EAST & UP RIDGE 0.2 MILE TO OIL TANK & FLAT, TURN RIGHT & WEST UP RIDGE 300'± TO SUMMIT & STATION.

STATION MARK: Fd O.K. A STD. 4" BRASS U.S.COAST & GEODETIC DISK SET IN CONC. MON. 12"X12" & 2" ABOVE FLUSH, LETTERED "RIDGE 1932".

REFERENCE MARK NO 1: Fd O.K. A STD 4" BRASS U.S.C&G.S. REF. MARK SET IN CONC. MON. 12X12 & 6" ABOVE FLUSH, LETTERED "RIDGE, 1932, NO 1."

REFERENCE MARK NO 2: Fd. O.K. A STD 4" BRASS U.S.C&G.S. REF. MARK CEMENTED TO LARGE WHITE BOULDER APPROX. 3'X4' & 2' high. MARK LETTERED "RIDGE NO 2, 1932".

REFERENCE MARK NO 3: Fd O.K. A STD 4" BRASS U.S.C&G.S. REF. MARK (DISK) WELDED ATOP A 2" I.P., 7" ABOVE FLUSH & LETTERED "RIDGE, NO 3, 1932"

R.M. NO 4. FD. STD. 4" BRASS CAP R.M. MON. SET IN CONC. UP 2" & STAMP. "RIDGE 1932 R.M. 4.

R.C.W. -12-65

Note: For U.S.C&G.S. DESCRIPTIONS & TO REACH See 7758 P. of No. 1124 Bakersfield to San Fernando, California — also Try to get 1932 Notes.

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

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

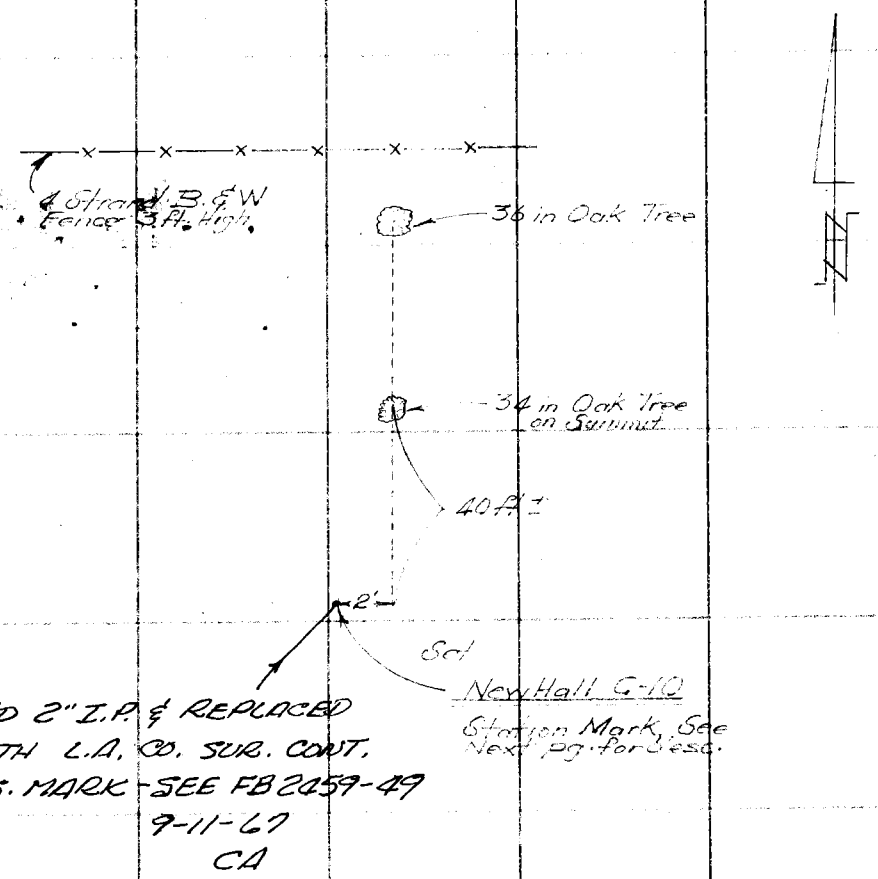
Notes Ck'd by	Survey of Geodetic [illegible]
Map No.	W. O. 0301.00 Tape No. 0162 St'd. 68 °F
Office Work	Surveyed by H.R. [illegible]
Checked	Notes E. Landa Date 2-20-56
Date	Indexed A. C. Johnson

F. B. 247 Pg. [illegible]

L.A COUNTY SURVEY CONTROL SYSTEM

Triangulation Station

NEWHALL C-10



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

76F309S S&E #247. 8-54

DESCRIPTION
NEWHALL C-10

This Triangulation Station is in Los Angeles County, in the Santa Susana Mountains, 1.1 mi. South East of summit (Forestry lookout) on Broad Rolling Knob of main Ridge, 40 ft. ± South of Summit which has many large Oak trees on it.

To reach this Station from the Summit of Oat Mountain (Micro Wave Station & Forestry Lookout Tower), drive East on dirt road down North side of main ridge, 0.4 mi. to fork in saddle (tank farm), stay left & continue East around North side of Ridge 0.3 mi. to intersection in Saddle, then continue East on Paved road climbing up & around North side of main Ridge 0.5 mi to gate & Cattle guard. Follow main ridge 0.1 mi to saddle, take dirt rd. 0.1 mi to Summit & grove of Oak trees [illegible] & Hike South [illegible] to Station in ctr. of Ridge

STATION MARK:

Set a 2 in Iron Pipe, Premix & Conc. core with wire spike ctr. 3 in above flush Barber Pole.

REFERENCE MARKS:

None found or set.

SEE FB 2459-49 FOR RM'S

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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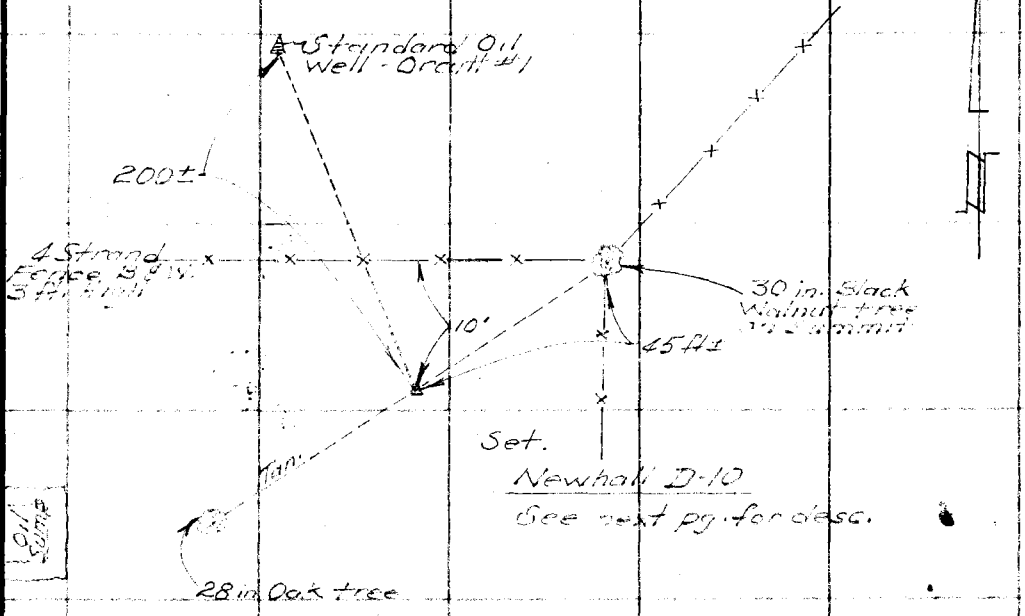
Notes Ck'd by	Survey of [illegible]
Map No.	W. O. [illegible] Tape No. 2162 St'd. 65 °F
Office Work	Surveyed by [illegible]
Checked	Notes E. Landa Date 2-20-56
Date	Indexed A. C. Johnson

F. B. 217 Pg. 33

L. A. COUNTY SURVEY CONTROL SYSTEM

Triangulation Station

NEWHALL D-10



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

76F309S S&E #247. 8-54

DESCRIPTION
NEWHALL D-10

This Triangulation Station is in Los Angeles County, in the Santa Susana Mountains, on Oat mountain. 1.8 mi. Easterly from summit (Forestry Lookout), on Southside of knob on main ridge, 200 ft. ± SouthEast of oil well (Standard of Cal.) Orcutt No. 1. 10 ft South of Barbedwire fence, 45 ft. ± SouthWest of a 30 in. black Walnut tree.

To reach this Station from the summit of Oat mountain (Micro Wave Station & Forestry look-out Tower), drive East on dirt Rd. down North side of main Ridge 0.4 mi. to fork in saddle (Tank Farm), stay left & continue east around north side of Ridge 0.3 mi. to intersection in saddle, then continue East on paved Rd. [illegible] and around North side of Main Ridge 0.5 mi. to gate & Cattle Guard. Continue easterly down & around north side of main Ridge 0.2 mi to fork in Rd. Stay right & continue East on paved Rd. another 0.2 mi to fork in Saddle Stay Left & drive East, up on paved Rd. 0.2 mi to Summit of Rd. & Cattle guard, continue on paved Rd. down & easterly 0.45 mi to intersection of Rds. in saddle. Drive East around north side of Ridge 0.25 mi to intersecting Rds. in saddle of main Ridge, turn right & follow paved Rd. West on North side of Ridge to Standard Oil Well. Orcutt #1 0.2 mi.

STATION MARK:

Set a 2 in. Iron Pipe. Premix & Conc. core with wire spike ctr. 8 in. above flush barber pole.

REFERENCE MARKS:

None found or set

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

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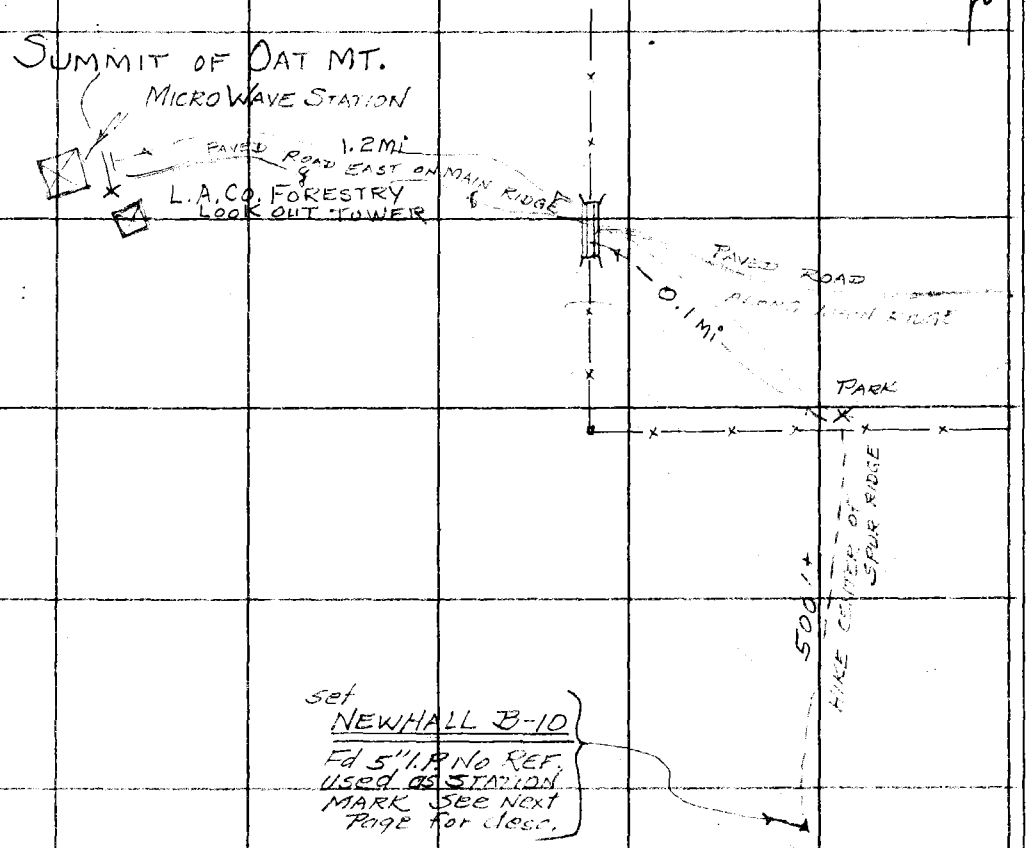
Notes Ck'd by	Survey of GEODETIC CONTROL	F. B. 947 PG. 35
Map No.	W. O. 0301.00 Tape No. — St'd. — °F	
Office Work	Surveyed by H. R. STOCK	
Checked	Notes STOCK Date 2-20-56	
Date	Indexed	

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

NEWHALL B-10



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

76F309S S&E #247. 8-54

F.B. 947 PG. 36

DESCRIPTIONS
NEWHALL B-10

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY, IN THE SANTA SUSANA MOUNTAINS, ON A PROMINENT SPUR RIDGE, 1.0 MILE SOUTH EAST OF THE SUMMIT OF OAT MOUNTAIN (MICRO WAVE STATION & FORESTRY LOOKOUT), 800' ± SOUTH OF MAIN RIDGE ON SUMMIT OF ISOLATED KNOLL ON SPUR RIDGE.

TO REACH THIS STATION FROM THE SUMMIT OF OAT MOUNTAIN (MICRO WAVE STATION & FORESTRY LOOK OUT TOWER), DRIVE EAST ON DIRT ROAD DOWN NORTH SIDE OF MAIN RIDGE 0.4 MILE TO FORK IN SADDLE (TANK FARM), STAY LEFT & CONTINUE EAST AROUND NORTH SIDE OF RIDGE 0.3 MILE TO INTERSECTION IN SADDLE, THEN CONTINUE EAST ON PAVED ROAD CLIMBING UP AND AROUND NORTH SIDE OF MAIN RIDGE 0.5 MILE TO GATE & CATTLE GUARD; LEAVE PAVED ROAD TO RIGHT & SOUTH 0.1 MILE TO WHERE FENCE CROSSES SPUR RIDGE'S SUMMIT, PARK HERE & HIKE SOUTH INTO SADDLE THEN ON TO SUMMIT OF KNOLL (500' ± South of fence) TO STATION.

STATION MARK: Ed A 5" STEEL PIPE 6" ABOVE FLUSH WITH A CONCRETE CORE AND A 2½" BRASS DISK LETTERED "TRIANGULATION STATION". (No Reference)

REFERENCE MARKS: NONE FOUND OR SET.

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

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

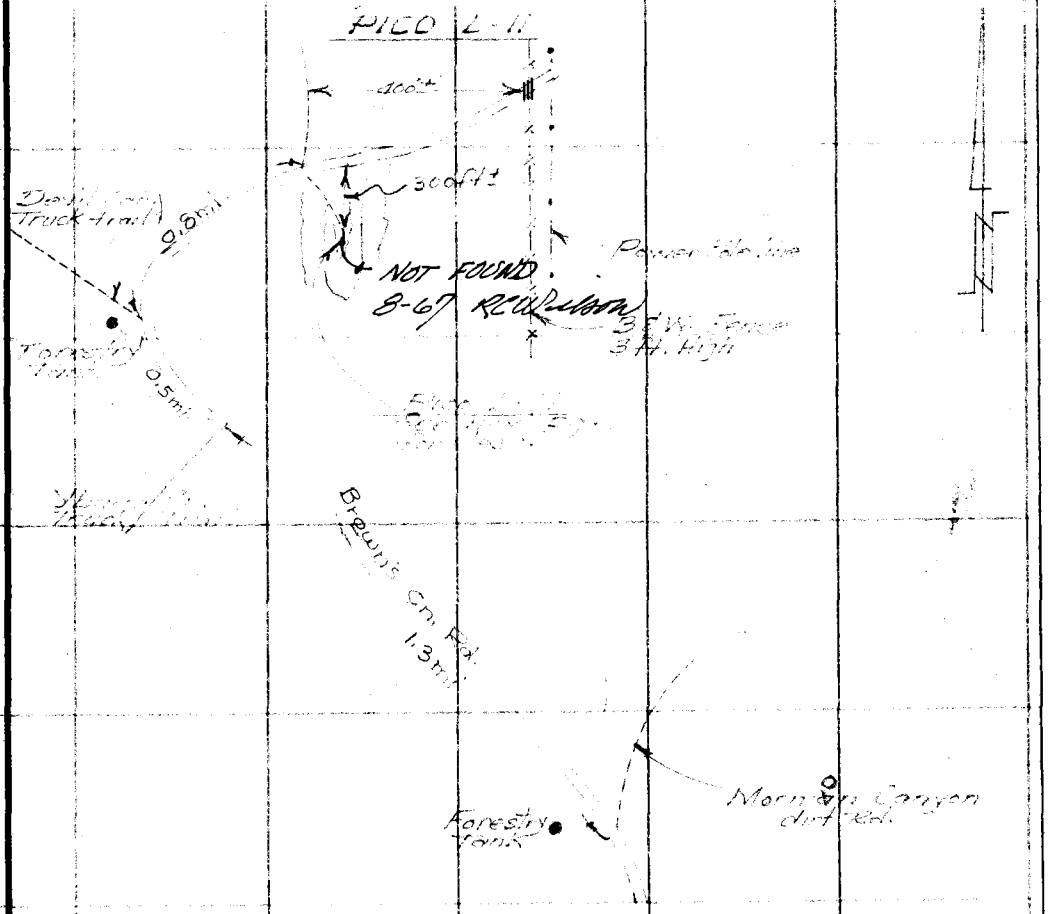
Notes Ck'd by	Survey of
Map No.	W. O. Tape No. 2162 St'd. 65 °F
Office Work	Surveyed by
Checked	Notes L. Lauda Date 2-20-56
Date	Indexed A. C. Johnson

F. B. Pg.

L.A. COUNTY SURVEY CONTROL SYSTEM

Triangulation Station

PICO L-1



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Do not extend notes this side of this line.

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

76F3095 S&E #247, 8-54

F.B. 947 PG. 38

DESCRIPTION
PICO L-11

This Station is in Los Angeles County, on South side of Oat Mountain, East 250 ft from Brown's Cñ Rd. & South 300 ft ±.

To reach this Station from Devonshire St. & De Soto Ave., travel North on De Soto Ave 0.95 mi to intersection, continue North 0.1 mi to fork, turn right & East 0.05 mi to fork, turn left or North & follow paved Rd. (Browns Cñ) Northerly up Cñ 1.6 mi to fork, stay right & travel North 0.6 mi to fork (Morman Cñ) Continue North Westerly on Browns Cñ paved Rd 1.3 mi to forestry gate. Continue 0.5 mi to fork at Forestry Tank, continue on paved Rd. 0.8 mi to Fork & turn Right & South down Ridge 300 ft ± to Station on Ctr. of Ridge at Prominent break.

STATION MARK:

Set A 2 in. Iron Pipe 2 in. above flush with Premix & concrete Core & wire spike Ctr. A barber pole 2"x2"x10' painted black, white, & red, was guyed plumb on mark

REFERENCE MARKS: None Set

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

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

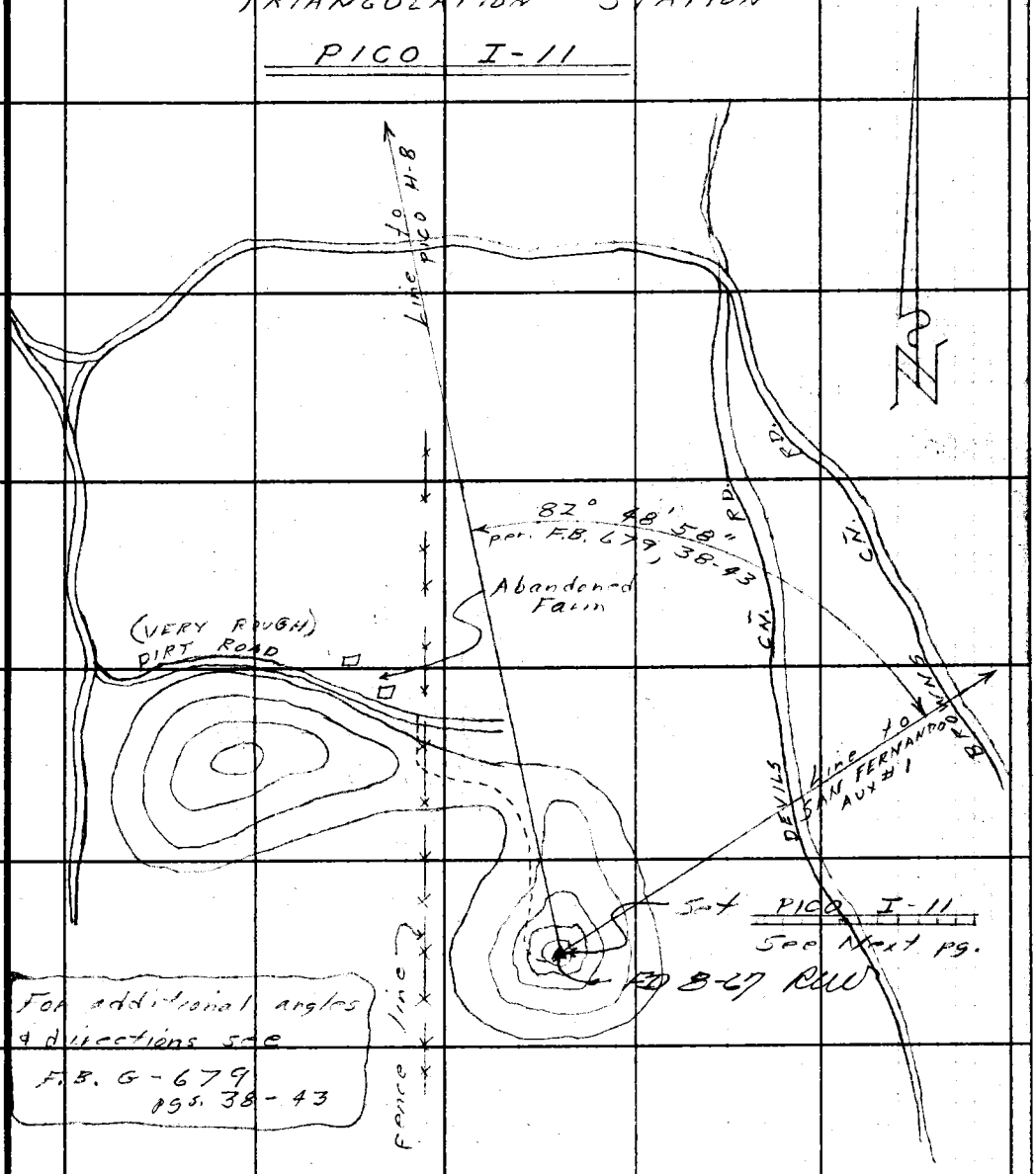
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301.00 Tape No. 75 St'd 84 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes W. D. B. Date 1-24-56
Date	Indexed E. C. Johnson

F. B. [illegible] Pg. 39

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

PICO I-11



For additional angles & directions see F.B. G-679 pgs. 38-43

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

Do not extend notes this side of this line.

RETURN TO LOS ANGELES COUNTY SURVEYOR 700 HALL OF RECORDS

FORM 267 SM 11-46

F. B. 947 PG. 40

— DESCRIPTIONS —

PICO I-11

This station is in LOS ANGELES COUNTY, in the SANTA SUSANA MOUNTAINS, about 4 miles N. & 1.3 miles W. (airline) of the town of CHATSWORTH.

To reach this station from DEVONSHIRE ST. & DE SOTO AVE., go North on DE SOTO AVE., which becomes Brown's CN Rd., 2.0 miles to a locked gate (N.O. KEY). Continue on 0.7 miles to a gate then 1.4 miles to a locked gate, then 0.5 miles to a fork at a water tank. Take left fork 300' ± (locked cable gate) then 0.9 miles to a gate at a farm, then 0.3 miles to a fork. Take left fork (dirt) 0.2 miles to a gate, then 0.6 miles to a gate. Go thru gate and after sharp left turn take left fork, which parallels fence line, 0.5 miles to intersection of BROWNS CN RD. & DEVILS CN. RD. Continue on straight ahead 0.1 miles to a locked gate, then 0.2 miles to a fork at an abandoned farm. Take left fork 0.4 miles to a wire gate then 0.2 miles to a fork. Take left fork 0.2 miles to a fork. Take left fork (very rough dirt) 0.4 miles to an abandoned farm. Go thru farm 400' ± to a fence line (N&S). Hike up fence line (S.) to saddle then S.Ely. to small nob & station. A 15 MIN. Hike on a 4 wheel drive will go when ground is dry.

STATION MARK: Set a 2" Iron Pipe in dirt with inverted 60d nail & black top core, protruding 4" above the ground. A 10' 2"x2" black, white, & red barber pole was set plumb over the station.

NO SUB. or REF. MARKS were set.

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

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301.00 Tape No. 25 St'd. 88 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes W. D. B. Date 1-18-56
Date	Indexed

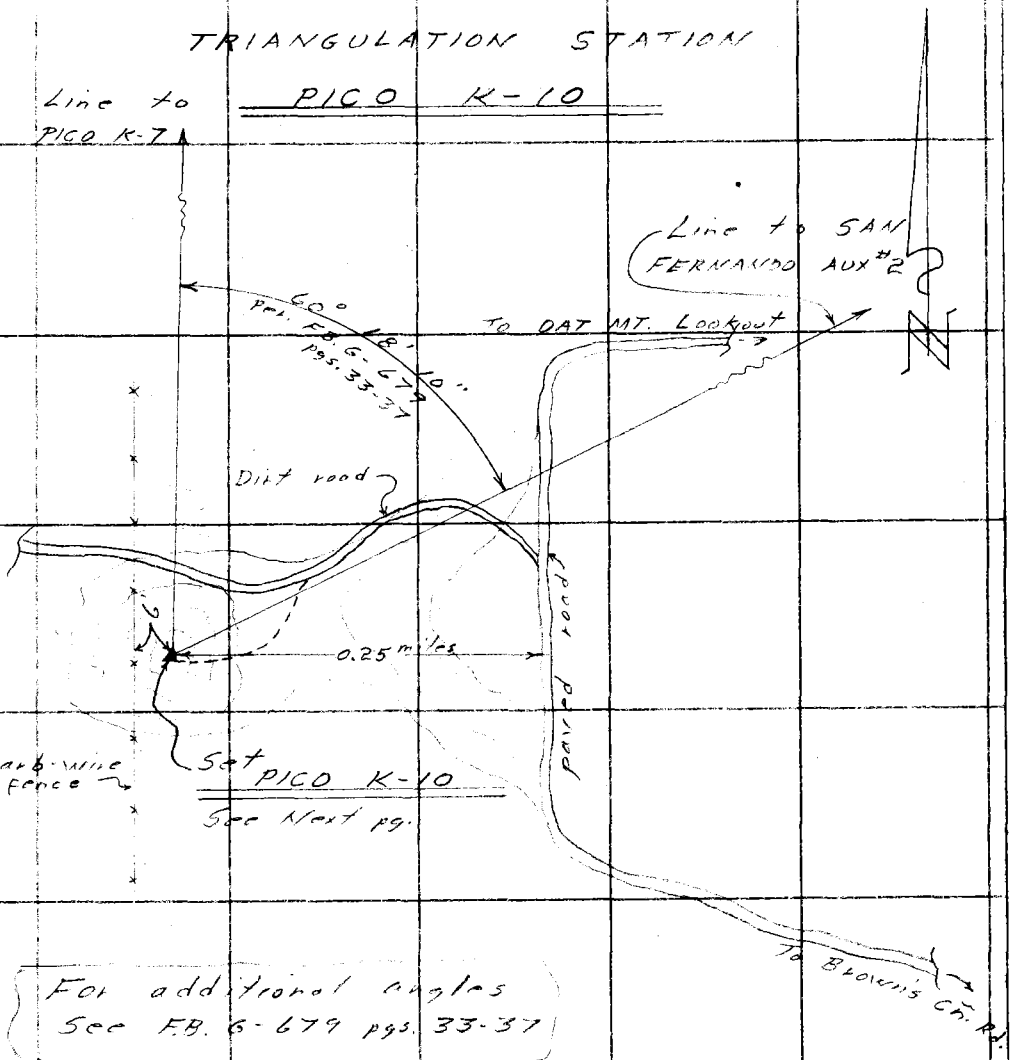
F. B. 727 Pg. 47

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

Line to PICO K-7

PICO K-10



For additional angles
See F.B. 6-679 pgs. 33-37

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

Do not extend notes this side of this line.

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

76F309S S&E #247. 8-54

F.B. 777 Pg. 42

— DESCRIPTIONS —

PICO K-10

This station is in LOS ANGELES COUNTY, in the SANTA SUSANA MTS., on a small hill of a large ridge heading down to the S.W. from the OAT MT. LOOKOUT and about 0.9 miles S.W. of the lookout tower at approx. 2890' elev.

To reach this station from the OAT MT. LOOKOUT, go down the paved road, S.W'ly., 0.3 miles to a "X" road. Continue down main paved road (S.W'ly) 0.3 miles to a gate. Continue thru gate 0.5 miles to a faint dirt road which doubles back on the right (W) side. Take dirt road 0.2 miles (W'ly) to a saddle. Walk to top of small hill (W) and station.

STATION MARK: Set a 2" iron pipe in dirt with an inverted 60d nail and blacktop core, 1" below the ground surface. A 10', 2" x 2", black, white, & red barber pole was set plumb over the station.

NO SUB. or REF. MARKS SET:

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

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

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

F.B. 947 Pg. 43

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.

SAN FERNANDO

SEE

F.B. 525 - 117

JGRandall
1-Sept-67

76P3093 CE #310 5-66

F.B. 943 Pg. 44

See Over

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

Do not extend this side of this line.

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

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301.06 Tape No. 95 St'd. 84 °F
Office Work	Surveyed by W. D. RAY
Checked	Notes W. D. B. Date 2-7-56
Date	Indexed A. C. Johnson

F. B. 947 Pg. 45

L. A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

PICO H-8

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

Do not extend notes this side of this line.

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

76F3095 S&E #247. 8-54

F.B. 947 PG. 46

~ DESCRIPTIONS ~

PICO H-8

This station is in LOS ANGELES COUNTY, in the SANTA SUSANA MOUNTAINS about 5.5 miles N.W. of the town of CHATSWORTH and about 2.5 miles W. of the OAT MOUNTAIN Lookout Tower.

To reach this station from the OAT MT. Lookout, go down the paved road (S. Wly) 0.3 miles to a "X" road. Make share right turn (Double Back) and continue down 0.4 miles to a saddle and main ridge road. Go left thru a gate 500'± to a locked gate (N.O. Key). Continue on main ridge road (PALO SOLO M/W) 2.3 miles to a side road & locked gate (N.O. Key). Go left thru gate and continue on "PISGAH GRANDE M/W" 1.3 miles to a small saddle, small knob & station.

STATION MARK: Set a 2" Iron Pipe in dirt with an inverted 60d nail & blacktop core, extending 4" above the ground. A 10', 2"x2", black, white & red barber pole was set plumb over the station

NO SUB. or REF. MARKS were set.

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

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

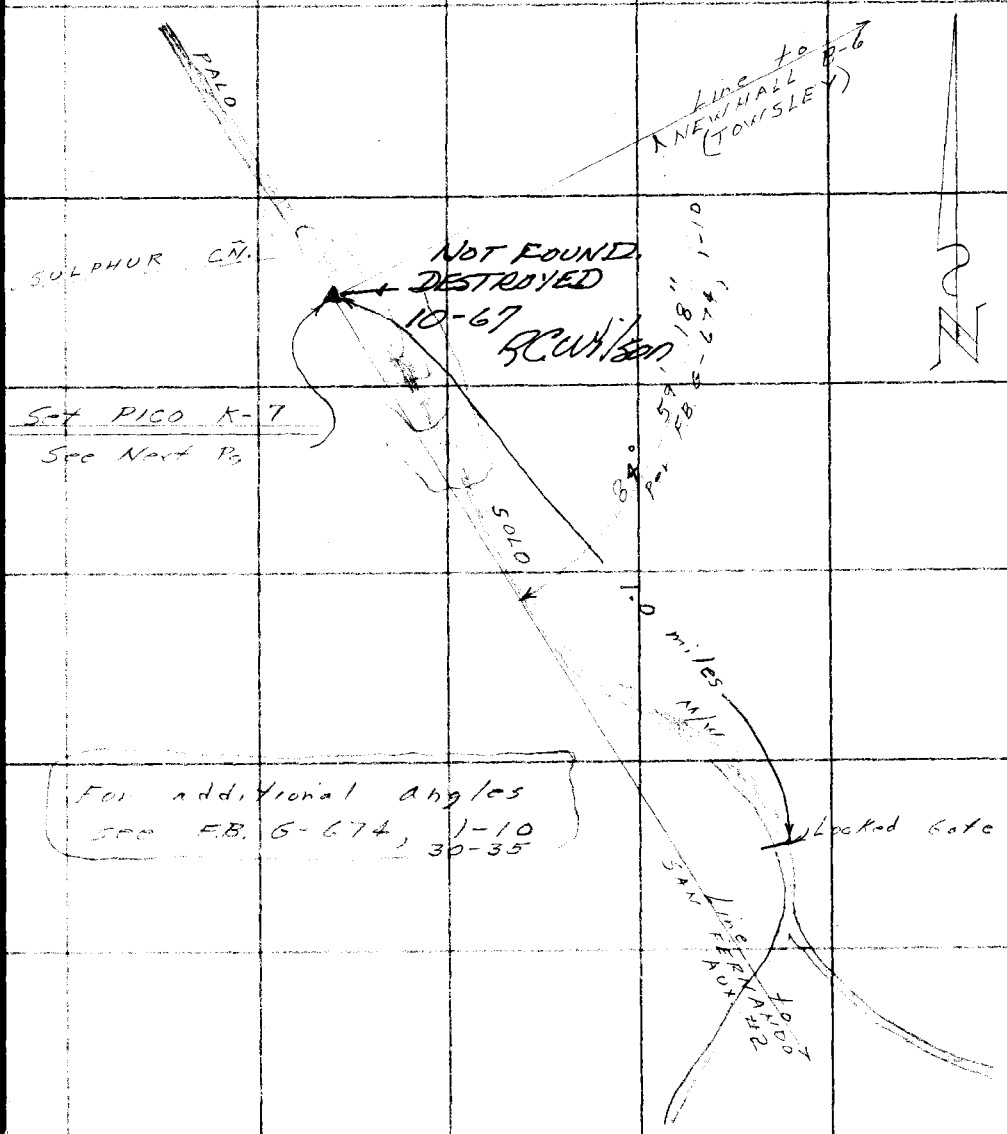
Notes Ck'd by	Survey of [illegible]
Map No.	W. O. 0301.00 Tape No. 95 St'd. 84 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes W. D. B. Date 2-7-56
Date	Indexed A. C. Johnson

F. B. 917 Pg. 47

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

PICO K-7



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

Do not extend notes this side of this line.

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

76F3095 S&E #247. 8-54

F.B. 917 PG. 98

~ DESCRIPTIONS ~

PICO K-7

This station is in LOS ANGELES COUNTY, in the SANTA SUSANA MTS., on a high point of the main ridge running N. Wly. from OAT MT. and about 1.3 miles N. W. of the OAT. MT. Lookout tower, at elev. = 3670.

To reach this station from the OAT MT. Lookout, go down the paved road (S. Wly.) 0.3 miles to a "X" road. Double back, sharp right turn, and continue down 0.4 miles to a saddle and main ridge road. Go left thru a gate 500' ± to a locked gate (N.O. K-4). Continue on main ridge road (PALO SOLO M/W) 1.0 miles to high point & station.

STATION MARK: Set a 2" Iron Pipe in dirt with an inverted 60d nail & blacktop cone, extending 3" above the ground. A 10', 2" x 2", blaze white, & red barber pole was set plumb over the station.

NO SUB. or REF. MARKS were set:

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

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

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 8301.00 Tape No. 95 St'd. 84 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes W.D.B. Date 1-17-56
Date	Indexed

F. B. 747 PG. 49

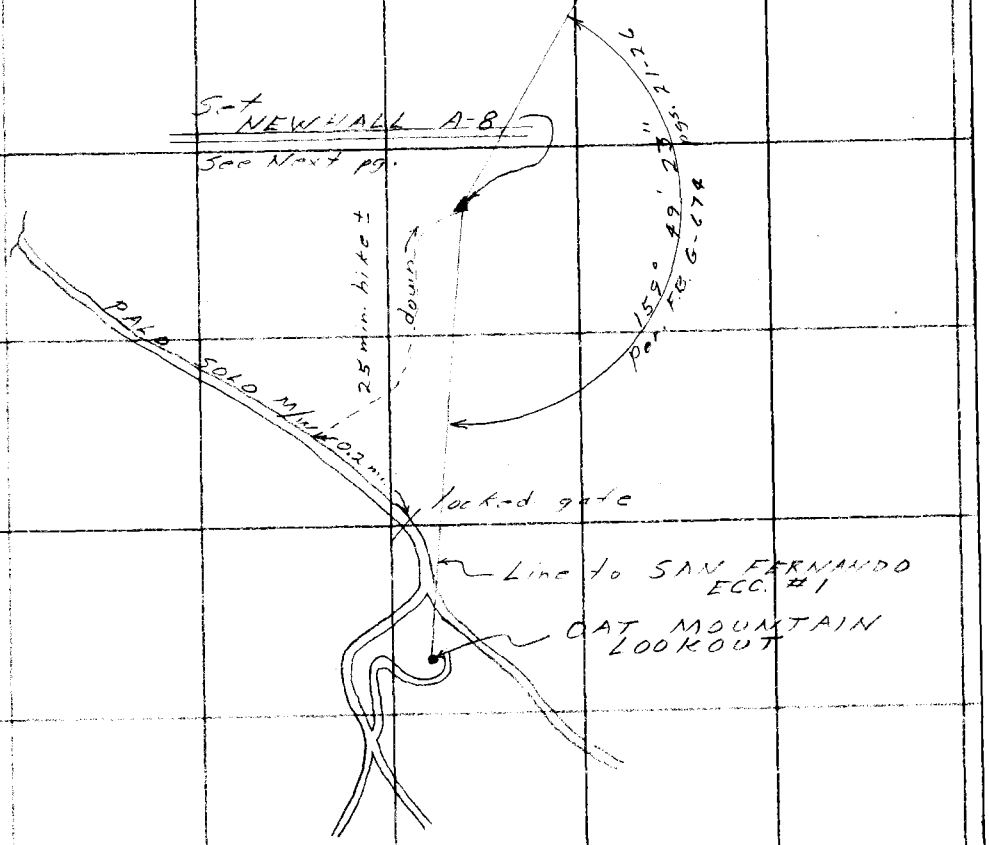
L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

NEWHALL A-B

Line to U.S.C. & G.S. TOWNSLEY

For Additional Angles See F.B. 6-674 pgs. 21-26, 44-48



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

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

76F3095 S&E #247. 8-54

F. B. 747 PG. 50

— DESCRIPTIONS —

NEWHALL A-8

This station is in LOS ANGELES COUNTY, in the SANTA SUSANA MOUNTAINS, on a main ridge running down to the N.E. from OAT MOUNTAIN and about 0.7 miles N. of the OAT MOUNTAIN LOOKOUT at approx. 3100' elev.

To reach this station from the OAT MOUNTAIN LOOKOUT, go down the paved road (S.W'ly) 0.3 miles to a "X" road. Double back, sharp right turn, and continue down 0.4 miles to a saddle and main ridge road. Go left thru a gate 500' ± to a locked gate (N.O. K-4). Continue on main ridge road (N.W'ly) PALO SOLO M/W.) 0.2 miles to a high point on N. side of road. From this point hike down ridge (N'ly) 25 min. ± to station. Station is not on a summit but 200 ± beyond a rocky summit passed over while hiking down.

STATION MARK: Set a 2" iron pipe in dirt with an inverted 60d nail and blacktop core extending ¼" above the ground. A 10', 2"x2", black, white, & red barber pole was set plumb over the station.

NO SUB. or REF MARKS SET

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

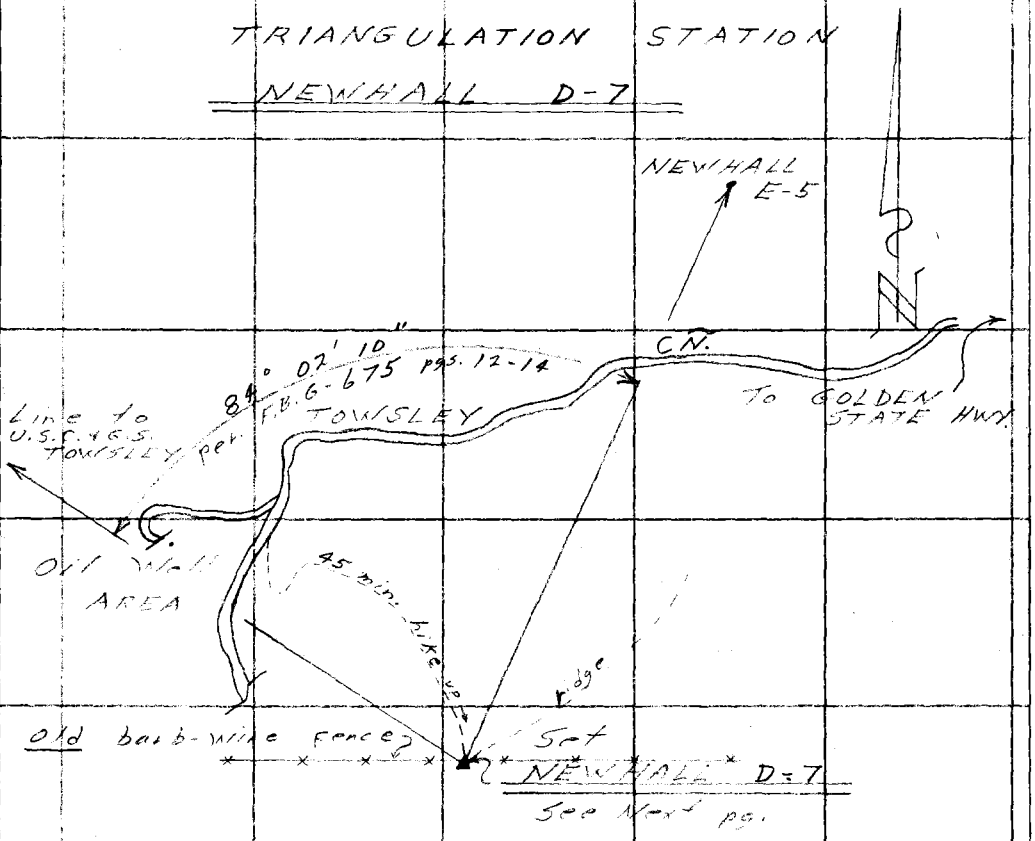
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301.00 Tape No. 95 St'd. 84 °F
Office Work	Surveyed by [illegible]
Checked	Notes W. D. B. Date 1-18-56
Date	Indexed A. C. Johnson

F. B. 947 Pg. 51

L. A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

NEWHALL D-7



For additional angles
See F.B. G-675 pgs. 12-14
& 681 " 6-12

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

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

76F3095 S&E #247. 8-54

F.B. 947 PG. 52

— DESCRIPTIONS —

NEWHALL D-7

This station is in LOS ANGELES COUNTY, in the SANTA SUSANA MTS., near the town of NEWHALL, on a high point at the intersection of 2 ridges, 0.5 miles S.E. of the end of TOWSLEY CN. Rd. at approx. 2500' elev.

To reach this station from GOLDEN STATE HWY. (U.S. 99) & LYONS AVE., go south on GOLDEN STATE HWY. 1.35 miles to TOWSLEY CN. Turn Right (W) thru locked gate (N.O. key) 0.15 miles to a fork. Take Right (W) fork 1.6 miles (cross 2 bridges) to a fork. Take Left fork up 0.1 miles to another fork. Take Left fork up 0.1 miles to another fork. Take Left fork up 0.2 miles to end of road. Old road doubles back & up (cannot drive). Hike up old road to large rounded ridge. Hike up ridge 45 min. ± S.Ely. to station. The last 200' ± becomes steep & brushy compared to the rest of the hike.

STATION MARK: Set a 2" iron pipe in loose rock & shale with an inverted 60d nail & blacktop core, extending 4" above the ground. A 10', 2"x2", black, white, & red barber pole was set plumb over the station.

NO SUB. or REF. MARKS SET

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

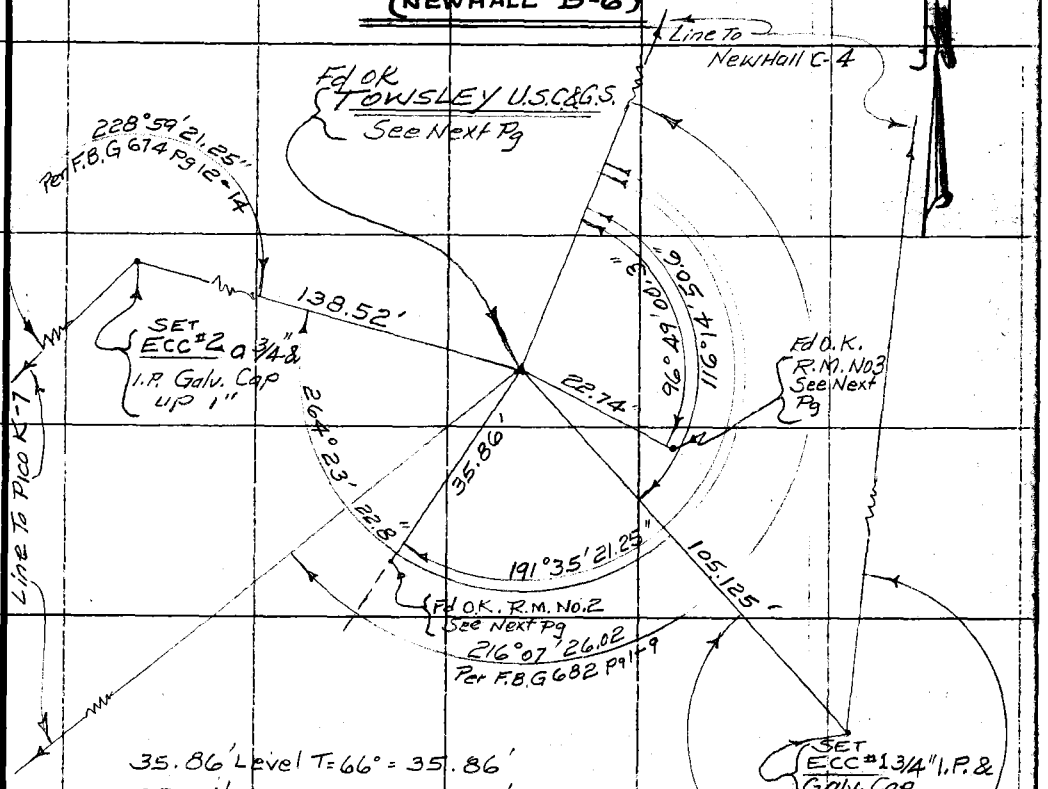
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301.00 Tape No. 138 St'd. 84 °F
Office Work	Surveyed by H. R. STOCK
Checked	Notes STOCK Date 2-28-56
Date	Indexed A. C. Johnson

F.B. 947 PG. 53

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION RECOVERY OF & ECCENTRIC STATIONS ESTABLISHED AT

U.S.C.&G.S. TOWSLEY (NEWHALL B-6)



35.86' Level T=66° = 35.86'
22.74' " " = 22.74'

105.84' @ 06°38' T66° = 105.12'
105.75' @ 06°10' " = 105.13'

138.88' @ 04°02' " = 138.52
138.96 @ 04°26' " = 138.52

See U.S.C.&G.S. No. 1121 Bakersfield to San Fernando Calif. 7778R TOWLEY

Note: All other Angles Shown at Center Station other than 216°07'26.02 are per F.B.G 682 pg 647.

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

Do not extend notes this side of this line.

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

76F3098 247 4-53

F.B. 947 PG. 54

DESCRIPTIONS
TOWSLEY

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY, IN THE SANTA SUSANA MOUNTAINS, 4 MILES SOUTHWEST OF NEWHALL, ON A PROMINENT PEAK AT THE WEST END OF TOWSLEY CANYON.

TO REACH THIS STATION FROM U.S. HWY 99 & PICO CANYON RD., DRIVE WESTERLY ON PICO CANYON RD. 2.3 Mi. TO INTERSECTION CONTINUE 0.1 Mi MORE TO FORK, TURN LEFT & SOUTHWEST 0.4 Mi. TO LOCKED GATE AT BARN & FARM HSE, DRIVE 1.2 MILES MORE TO FORK TAKE LEFT TURN OVER BRIDGE & FOLLOW CLIMBING & WINDING (PAVED RD) 1.75 MILES MORE TO END OF ROAD AT PAVED FLAT ON RIDGE & UNION OIL COMPANYS WELL ODEEN No. 1, HIKE SOUTHEASTERLY ALONG PROMINENT RIDGE 1.35 MILES TO HIGH PROMINENT PEAK AT EAST END OF RIDGE AND STATION 150'± EAST OF SUMMIT 40'± WEST OF STEEP CLIFF.

STATION MARK: FOUND UNDISTURBED A STANDARD U.S. COAST & GEODETIC SURVEY TRIANGULATION MARK CEMENTED TO SANDSTONE ROCK 1'×2' & 4" ABOVE FLUSH LETTERED: "U.S. COAST & GEODETIC SURVEY TRIANGULATION STATION, TOWSLEY, 1932."

REFERENCE MARK NO 1: NOT FOUND.

REFERENCE MARK NO 2: Fd. OK. A STANDARD 4" BRASS U.S.C.&G.S. REFERENCE MARK CEMENTED TO SANDSTONE BOULDER 3.5'×2.5' & 6" ABOVE FLUSH AND LETTERED: "U.S. COAST & GEODETIC SURVEY, REFERENCE MARK, TOWSLEY, NO 2, 1932".

REFERENCE MARK No 3: Fd. OK. A STANDARD 4" BRASS U.S. C&G.S. REFERENCE MARK CEMENTED TO SANDSTONE BOULDER 1.5'×1' & 2" ABOVE FLUSH AND LETTERED, "U.S. COAST & GEODETIC SURVEY, REFERENCE MARK, TOWSLEY, NO 3, 1932."

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

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

947 55 L

F. B. PG.

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 8301.00 Tape No. St'd. °F
Office Work	Surveyed by R. D. SMITH
Checked	Notes R. D. SMITH Date 1-20-56
Date	Indexed A. C. J. 3-19-56

L.A. COUNTY GEODETIC CONTROL SYSTEM

TRIANGULATION STATION

PICO L-6

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

Do not extend notes this side of this line.

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

76FSOS 247 4-53

F.B. 947 PG. 56

DESCRIPTIONS
PICO L-6

THIS STATION IS IN LOS ANGELES COUNTY IN THE NEWHALL AREA AND ON A HIGH PEAK IN THE SANTA SUSANA MTS.
TO REACH THIS STATION FROM THE INTERSECTION OF GOLDEN STATE HWY & LYONS AVE & PICO CN RD. TAKE PICO CN RD WESTERLY 2.3 MILE TO SIDE ROAD ON RIGHT. THENCE 0.1 MI TO FORK. THENCE LEFT & SOUTHERLY 0.5 MI TO A GATE & PRIVATE RESIDENCE. THENCE CONTINUE ALONG ROAD 1.5 MILE TO FORK. KEEP LEFT 1.9 MI. TO THE END OF ROAD & THE STATION

STATION MARK SET 3/4 I.P 1" above flush WITH BARBED POLE PLUMBED OVER POINT

SUB-SURFACE MARK NONE SET

REFERENCE MARKS NONE SET

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

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301.00 Tape No. St'd. °F
Office Work	Surveyed by R. D. SMITH
Checked	Notes R. D. SMITH Date 1-24-56
Date	Indexed E. C. T.

F. B. 947 PG. 57

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION
NEWHALL C-5

PICO CN. RD

GOLDEN STATE HIGHWAY

0.6 MI.

U.S. 99

0.3 MI

GATE

0.1

FRAME HOUSE

TWO GATES

0.15

0.45 MI

ROAD ENDS

0.2 MI.

SET:
NEWHALL C-5
SEE NEXT PAGE.

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

Do not extend notes this side of this line.

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

76FSOBS 247 4-53

F.B. 947 Pg. 58

DESCRIPTIONS
NEW HALL C-5

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY IN THE NEW HALL AREA ON THE SUMMIT OF A HIGH PEAK IN THE SANTA SUSANA MTS.

TO REACH THIS STATION FROM THE INTSECTION OF PICO CAN RD & GOLDEN STATE HIGHWAY (U.S. 99) PROCEED 0.6 MILES SOUTHEASTERLY ALONG GOLDEN STATE HIGHWAY TO A ROAD ON THE RIGHT & WEST SIDE NEAR A GASOLINE SERVICE STATION THENCE 0.3 MI TO A FORK CONTINUE LEFT 0.1 MI THROUGH A GATE & TO A HOUSE. THENCE CONTINUE 0.1 MILE TO A WOODEN GATE. THENCE 50 FT PLUS OR MINUS TO A SECOND GATE THENCE 0.15 MI. TO A FORK THENCE RIGHT 0.45 MI TO THE END OF A SET OF RUTS THENCE SOUTHERLY 0.2 MILE ALONG A DRAW TO A FORK THENCE LEFT 200 FEET UP THE DRAW THENCE BEAR RIGHT UP THE RIDGE TO THE SUMMIT AND STATION.

STATION MARK: SET 2 INCH I.P. IN GROUND 6 INCHES ABOVE FLUSH WITH A PACKED BLACK TOP CORE AND SPIKE CENTER, A BARBER POLE PLUMBED OVER THE POINT.

SUB SURFACE MARK: NONE SET

REFERENCE MARK: NONE SET

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

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

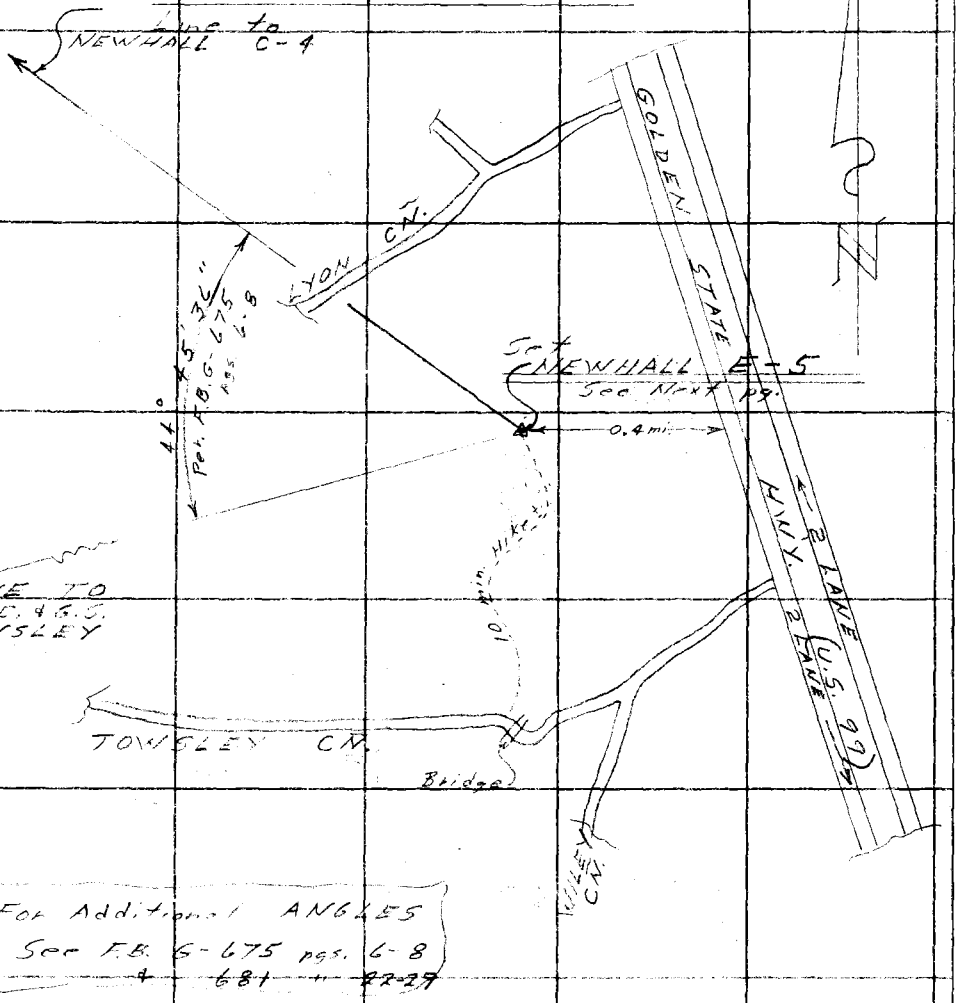
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 8301.00 Type No. 95 St'd. 84 °F
Office Work	Surveyed by W. D. B. MAY
Checked	Notes W. D. B. Date 1-11-56
Date	Indexed A. C. Johnson

F. B. 717 Pg. 39

L. A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

NEWHALL E-5



For Additional ANGLES
See F.B. G-675 pgs. 6-8
+ 681 + 22-29

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

Do not extend notes this side of this line.

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

76F3095 S&E #247. 8-54

F.B. 947 PG. 60

~ DESCRIPTIONS ~

NEWHALL E-5

This station is in LOS ANGELES COUNTY, in the NEWHALL area, on the highest point midway between TOWSLEY CN. and LYON CN., and 0.4 miles west of GOLDEN STATE HWY. (U.S. 99), and at approx. 1700' Elev.

To reach this station from GOLDEN STATE HWY. and LYONS AVE. go south on GOLDEN STATE HWY., 1.35 miles to TOWSLEY CN. Turn Right (W), thru locked gate (N.O. key) 0.15 miles to a fork. Take Right (W) fork 0.2 miles to a wooden bridge. Cross over and stop. Hike up small ridge, Sly., to highest point & station. (10 min. hike)

STATION MARK: Set a 2" iron pipe in dirt with an inverted 60d nail and blacktop core, extending 6" above the ground. A 10', 2"x2", black, white, & red barber pole was set plumb over the station.

NO SUB or REF. MARKS SET.

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

Do not extend notes this side of this line.

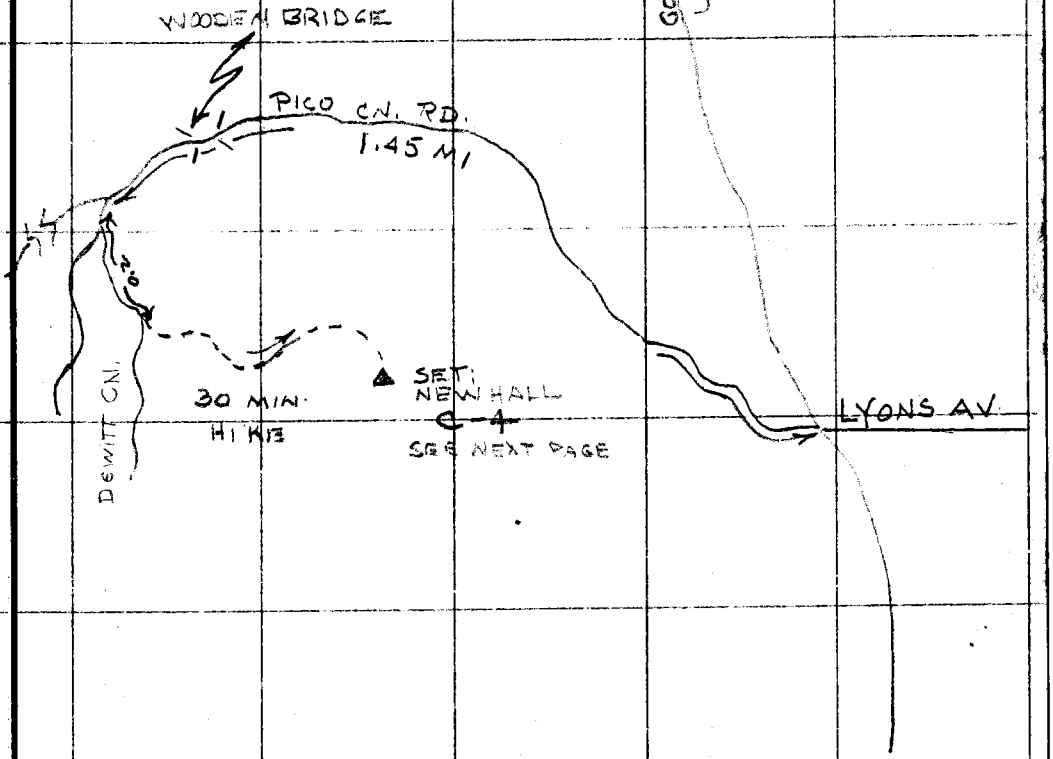
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301.05 Tape No. St'd. °F
Office Work	Surveyed by R.J. SMITH
Checked	Notes R.J. SMITH Date 1-27-56
Date	Indexed B. C. T.

F. B. 947 PG. 61 ✓

L.A. COUNTY SURVEY CONTROL SYSTEM

NEWHALL C-4 TRIANGULATION STATION



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Do not extend notes this side of this line.

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

76F3088 247 4-53

F. B. 947 PG. 62

DESCRIPTIONS
NEWHALL C-4

THIS STATION IS IN LOS ANGELES COUNTY IN THE NEWHALL AREA ON A HIGH PEAK IN THE SANTA SUSANA MOUNTAINS

TO REACH THIS STATION FROM THE INTERSECTION OF GOLDEN STATE HIGHWAY AND PICO CN RD AND LYONS AVE GO ALONG PICO CN RD NORTHWESTERLY 1.45 MILES TO DEWITT CN AND A ROAD ON THE LEFT & SOUTH THENCE THROUGH THE GATE 0.2 MI ALONG THE ROAD THENCE TURN OFF ROAD FOLLOW SET OF TRACKS AND THE DRAW SOUTHEASTERLY 0.5 MILES THENCE UP THE RIDGE TO THE SUMMIT AND THE STATION.

STATION MARK: SET 36" LONG 2" I.P IN GROUND 2" ABOVE FLUSH WITH BLACK TOP CORE & WIRE SPIKE CENTER. 10 FT. BARBER POLE PLUMBED OVER POINT.

SUB SURFACE MARK: NONE SET

REFERENCE MARK NONE SET

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

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

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 9901.00 Tape No. St'd. °F
Office Work	Surveyed by R.D.SMITH
Checked	Notes R.D.SMITH Date 1-27-56
Date	Indexed A. O. Johnson

F. B. 947 PG. 63 ✓

L.A. COUNTY SURVEY CONTROL SYSTEM

NEWHALL D-4

GOLDEN STATE HIGHWAY
U.S. HIGHWAY 99

LOCKED GATE

GET KEY FROM MR HOAG AT ROUTE 1 BOX 121A 24676 PICO CN RD

1.0 MI

0.35 MI

0.6 MI

PICO CN. RD.

0.25 MI.

ROUTE 1 BOX 121A 24676 PICO CN RD

LYONS AV.

GET NEWHALL D-4

SEE NEXT PAGE

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

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

Do not extend notes this side of this line.

76F3008 247 4-53

F. B. 947 Pg. 64

DESCRIPTIONS
NEWHALL D-4

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY IN THE NEWHALL AREA AND IS ON THE SUMMIT OF A HIGH PEAK IN THE SANTA SUSANA MOUNTAINS

TO REACH THIS STATION FROM THE INTERSECTION OF GOLDEN STATE HIGHWAY AND PICO CN. RD AND LYONS AVE. GO NORTHWESTERLY ALONG PICO CN RD 0.55 MILES TO A GATE ON THE LEFT AND SOUTH. THENCE THROUGH GATE AND UP A SLIGHT SLOPE TO FIRE BREAK CONTINUE 0.6 MILES UP THE FIRE BREAK THENCE HIKE 0.4 UP RIDGE TO THE SUMMIT AND STATION

STATION MARK; SET 36" LONG 2" I.P IN GROUND 6" ABOVE FLUSH WITH BLACK TOP CORE & WIRE SPIKE CENTER. 10 FT BARBER POLE PLUMBED OVER POINT

SUB SURFACE MARK NONE SET

REFERENCE MARK NONE SET

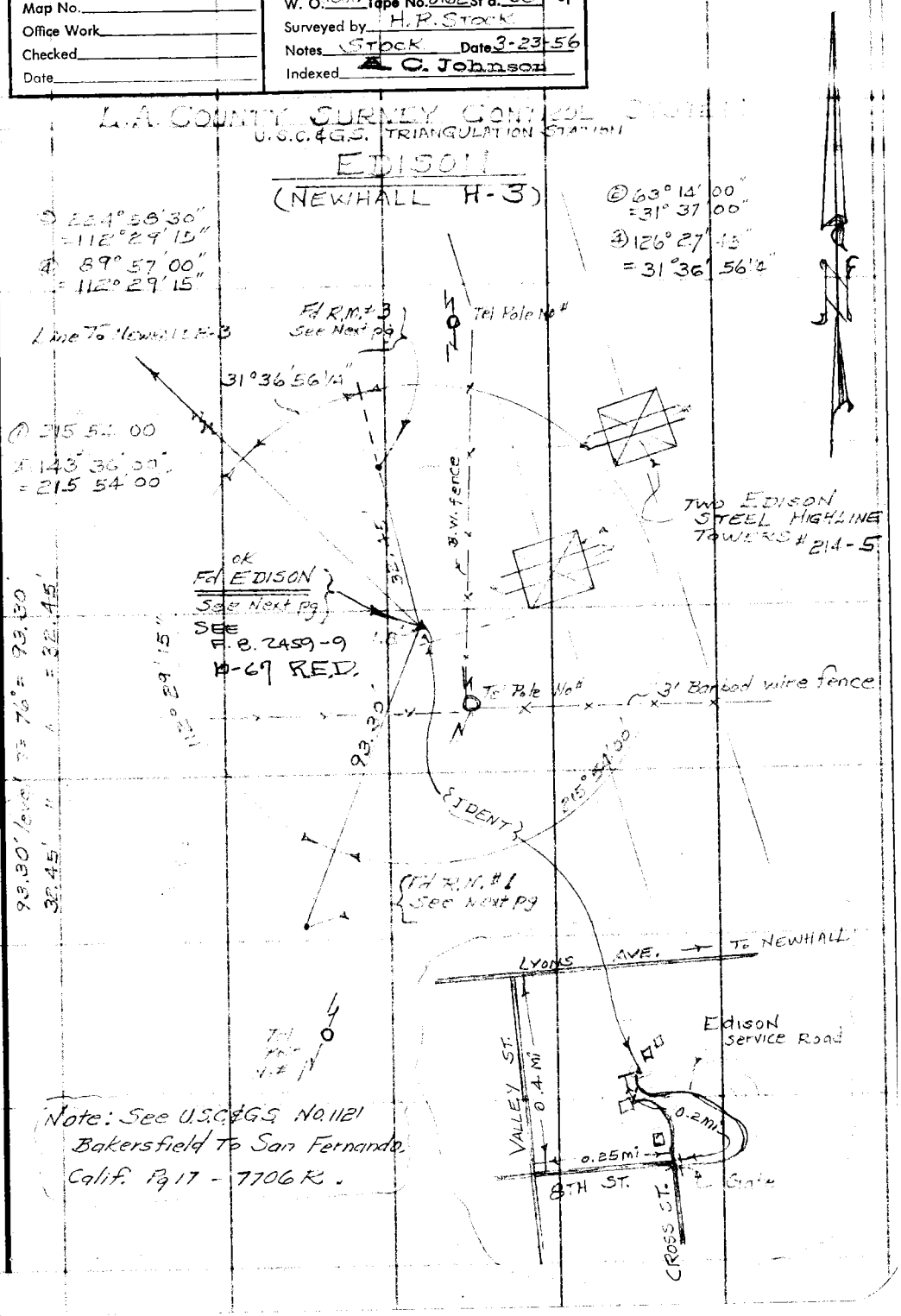
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of [illegible]
Map No.	W. O. 0301.90 Tape No. 0162 St'd. 68 °F
Office Work	Surveyed by H. R. Stock
Checked	Notes Stock Date 3-23-56
Date	Indexed A. C. Johnson

F. B. 947 Pg. 65

L.A. COUNTY SURVEY CONTROL SYSTEM
U.S.C.&G.S. TRIANGULATION STATION
EDISON
(NEWHALL H-3)



Note: See U.S.C.&G.S. No. 1121 Bakersfield To San Fernando, Calif. Pg 17 - 7706 R.

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

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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

F.B. 947 Pg. 66

DESCRIPTION
EDISON U.S.C.&G.S.
(NEWHALL H-3)

New Route Pg. 241 5/23/66 R.B.

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY, IN THE NEWHALL AREA, ON THE SUMMIT OF LOW BUT PROMINENT HILL AT SOUTH WEST SIDE OF TOWN (1700'± SOUTH OF LYONS AVE & 1100'± EAST OF VALLEY ST.), WEST OF TWO EDISON TOWERS (HIGHLINE STEEL) #s 214-5.

TO REACH FROM INTERSECTION OF LYONS AVE & VALLEY ST., DRIVE SOUTH ON VALLEY ST. 0.4 MILE TO 8TH ST. & TURN LEFT OR EAST GO 0.25 MILE TO CROSS ST., OPEN GATE ON 8TH ST. PRODUCED & DRIVE UP GRADED DIRT ROAD (EDISON SERVICE RD) WHICH CURVES NORTH WESTERLY TO SUMMIT & STATION.

STATION MARK: Fd O.K. A STANDARD 4" BRASS U.S.C. G.S. TRIANGULATION MARK (DISK) IN CONCRETE MONUMENT 14"X14" & 6" ABOVE FLUSH. MARK IS LETTERED "U.S.COAST & GEODETIC SURVEY, TRIANGULATION STATION, EDISON, 1932."

REFERENCE MARK NO 1: Fd O.K. A STANDARD 4" BRASS U.S.C.&G.S. REFERENCE MARK (DISK) IN CONCRETE MONUMENT 12"X12" & 4" ABOVE FLUSH. MARK IS LETTERED "U.S.COAST & GEODETIC SURVEY, REFERENCE MARK, EDISON, NO 1, 1932."

No 1 Fd 5/23/66 R.B.

REFERENCE MARK NO 2: NOT FOUND.

REFERENCE MARK NO.3: Fd O.K. A STANDARD 4" BRASS REFERENCE MARK (DISK) WELDED ON TOP OF 2" I.P. 6" ABOVE FLUSH AND LETTERED "U.S.COAST & GEODETIC SURVEY, REFERENCE MARK, EDISON, NO.3, 1932."

RETURN TO
LOS ANGELES COUNTY SURVEYOR
720 LOS ANGELES COUNTY
ENGINEERING BLDG.
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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301-80 Tape No. 138 Std. 84 °F
Office Work	Surveyed by H. R. STOCK
Checked	Notes STOCK Date 3-23-56
Date	Indexed A. C. JOHNSON

F. B. 947 PG. 67

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

NEWHALL E-3

② 146° 30' 00"
= 73° 15' 00"

④ 293° 00' 30"
= 73° 15' 07½"

② 90° 14' 30"
= 45° 07' 15"

④ 180° 29' 00"
45° 07' 15"

241° 37' 37½"

222.84'

63.78'

45° 07' 15"

75° 15' 07½"

Set NEWHALL E-3
See Next Pg for descriptions

SEE F.B. 2459-33 (FOR NEW RM 3) 12-19-67

set R.M. NO 2 See Next Pg

Set R.M. NO 1 See Next Pg

IDENT.

① 241° 37' 30"
④ 246° 30' 30"
= 241° 37' 37½"

223.55 @ 04° 31' T 78° = 222.84'
223.35 @ 03° 47' " = 222.85'
65.10 @ 11° 34' " = 63.78'
64.64 @ 09° 22' " = 63.78'

Line To NEWHALL E-5

0.2 mi. 500'±

0.5 mi

2000'±

0.35 mi

1500'±

0.5 mi

GOLDEN STATE

0.3 mi

LYONS AVE.

PICO CANYON RD.

(U.S. HWY 99)

WILEY CANYON RD.

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

Do not extend notes this side of this line.

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

76F3085 S&E #247. 8-54

F. B. 947 PG. 69

DESCRIPTION
NEWHALL E-3

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY, 1.6 MILES WEST OF NEWHALL, ON THE SUMMIT OF A PROMINENT HILL, 2000'± EAST OF GOLDEN STATE HWY (U.S. #99), 1500' ± NORTH OF THE INTERSECTION OF LYONS AVE. & WILEY CANYON RD, 500'± EAST OF THE EDISON COMPANY'S TRANSMISSION LINE MEASURED EAST FROM TOWER AT RIDGE CROSSING.

TO REACH THIS STATION FROM LYONS AVE. & WILEY CANYON RD. DRIVE NORTH THRU GATE ON NORTH SIDE OF LYONS AVE ON DIRT SERVICE RD ALONG EAST TOE OF SPUR, UP DRAW THEN NORTH WESTERLY TO SUMMIT OF ROAD & EDISON TOWER 0.35 MILE. PARK & HIKE EAST UP CENTER OF RIDGE TO FIRST SUMMIT 3000± (R.M. No1), THEN DOWN INTO SADDLE & UP ON SECOND SUMMIT TO STATION 2600±.

STATION MARK: Set A STANDARD 4" BRASS TRIANGULATION MARK IN CONCRETE MONUMENT 12"x12" & 7" ABOVE FLUSH AND LETTERED; "L.A. COUNTY SURVEY CONTROL SYSTEM, TRIANGULATION STATION, NEWHALL E-3, 1956, SET BY CO. ENG. R.E. 5869"

SUB SURFACE MARK: NONE SET.

REFERENCE MARK NO1: SET A STANDARD 4" BRASS (DISK) REFERENCE MARK IN CONCRETE MONUMENT 12"x12" & 6" ABOVE FLUSH AND LETTERED; "L.A. COUNTY SURVEY CONTROL SYSTEM, REFERENCE MARK, NEWHALL E-3, 1956, R.M. NO.1, SET BY CO. ENG. R.E. 5869"

REFERENCE MARK NO 2: SET SAME AS NO1 ONLY R.M. NO2 & ALSO 6" ABOVE FLUSH.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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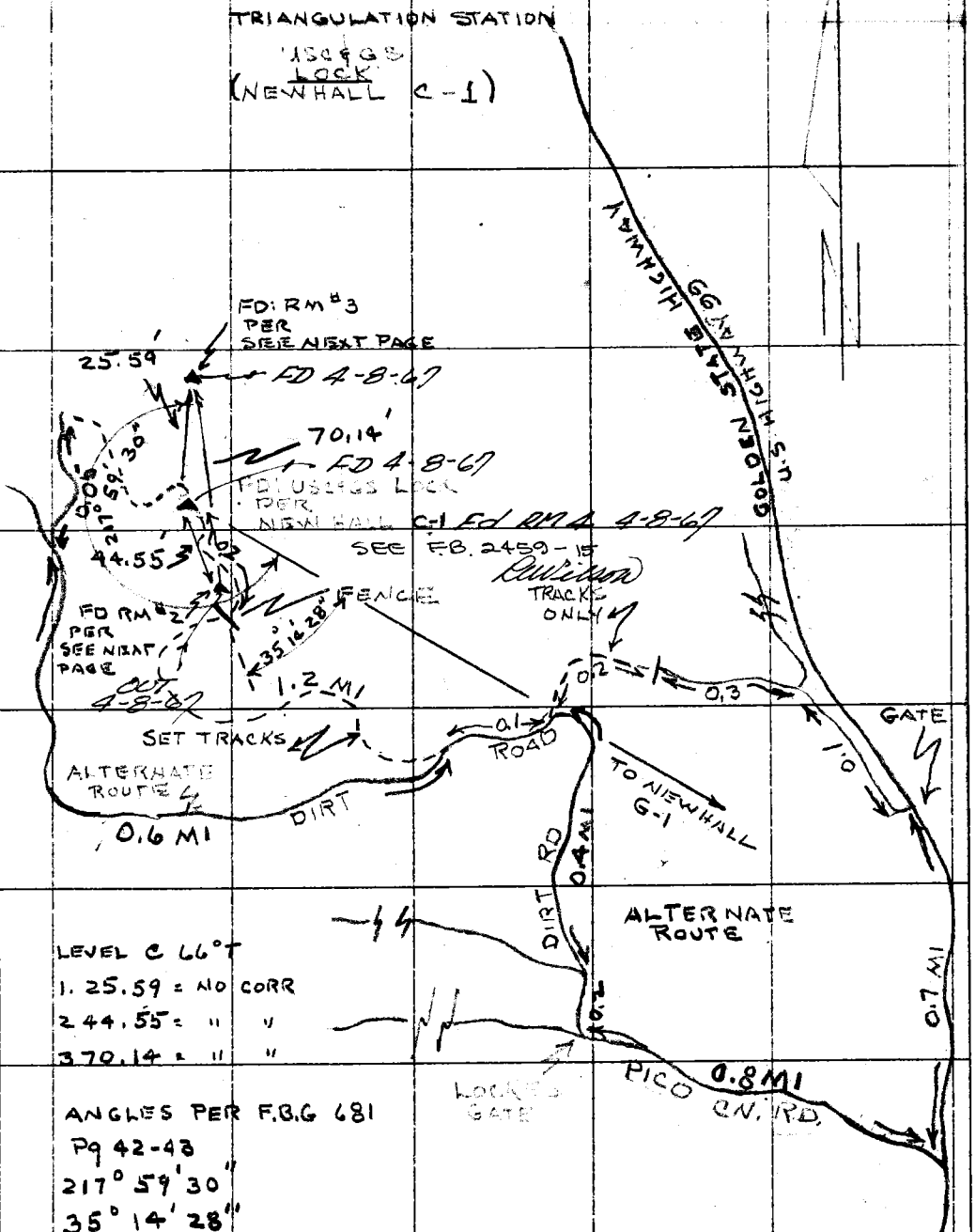
Notes Ck'd by	Survey of [illegible] CONTROL
Map No.	W. O. 0301.00 Tape No. 0162 St'd. 68 °F
Office Work	Surveyed by R. D. SMITH
Checked	Notes R. D. SMITH Date 1-20-56
Date	Indexed A. C. [illegible] 3-14-56

F. B. 947 PG. 67

L.A. COUNTY SURVEY CONTROL SYSTEM



LEVEL C 66°T
1. 25.59 = NO CORR
2 44.55 = " "
3 70.14 = " "

ANGLES PER F.B.G 681
Pg 42-43
217° 59' 30"
35° 14' 28"

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

Do not extend notes this side of this line.

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

76F3098 247 4-53

F.B. 947 PG. 70

DESCRIPTIONS
USC&GS
LOCK
(NEWHALL C-1)

THIS STATION IS IN LOS ANGELES COUNTY 400 FT PLUS OR MINUS FROM THE HIGHEST POINT ON A SERIES OF HIGH PEAKS IN THE SANTA SUSANA MTS.

New Route: FB 2459-15 RWilson 4-8-67

TO REACH THIS STATION FROM THE INTERSECTION OF HIGHWAY 99 (GOLDEN STATE HWY.) LYONS AVE & PICO CN RD. PROCEED 0.7 MILES NORTHERLY ALONG HIGHWAY 99 TO A GATE ON THE WEST SIDE THENCE NORTHERLY 0.1 MILE TO A DIRT ROAD THENCE WESTERLY ALONG ROAD 0.3 TO A GATE, THENCE 0.2 MILE ALONG A SET OF TRACKS TO A DIRT ROAD THENCE SOUTHWESTERLY ALONG ROAD 0.1 MILE TO A [illegible] TO THE RIGHT THENCE 0.2 MILE ALONG A SET OF RUTS THENCE UP AND ALONG A RIDGE 1.2 MILE TO A FENCE THENCE CONTINUE 0.2 MILE ALONG RIDGE TO THE STATION

STATION MARK: FD STD USC&GS 4" BRASS CAP SET IN CONC. LETTERED U.S. COAST & GEODETIC SURVEY TRI STA LOCK 1932

REFERENCE MARK NO 1 NONE FOUND

REFERENCE MARK NO 2. FD STD USC&GS 4" BRASS CAP IN CONC AND LETTERED U.S. COAST & GEODETIC SURVEY LOCK NO 2 1932

REFERENCE MARK NO 3. FD STD USC&GS 4" BRASS CAP ON 2" I.P 16 INCHES ABOVE GROUND & LETTERED U.S. COAST & GEODETIC SURVEY LOCK NO 3 1932

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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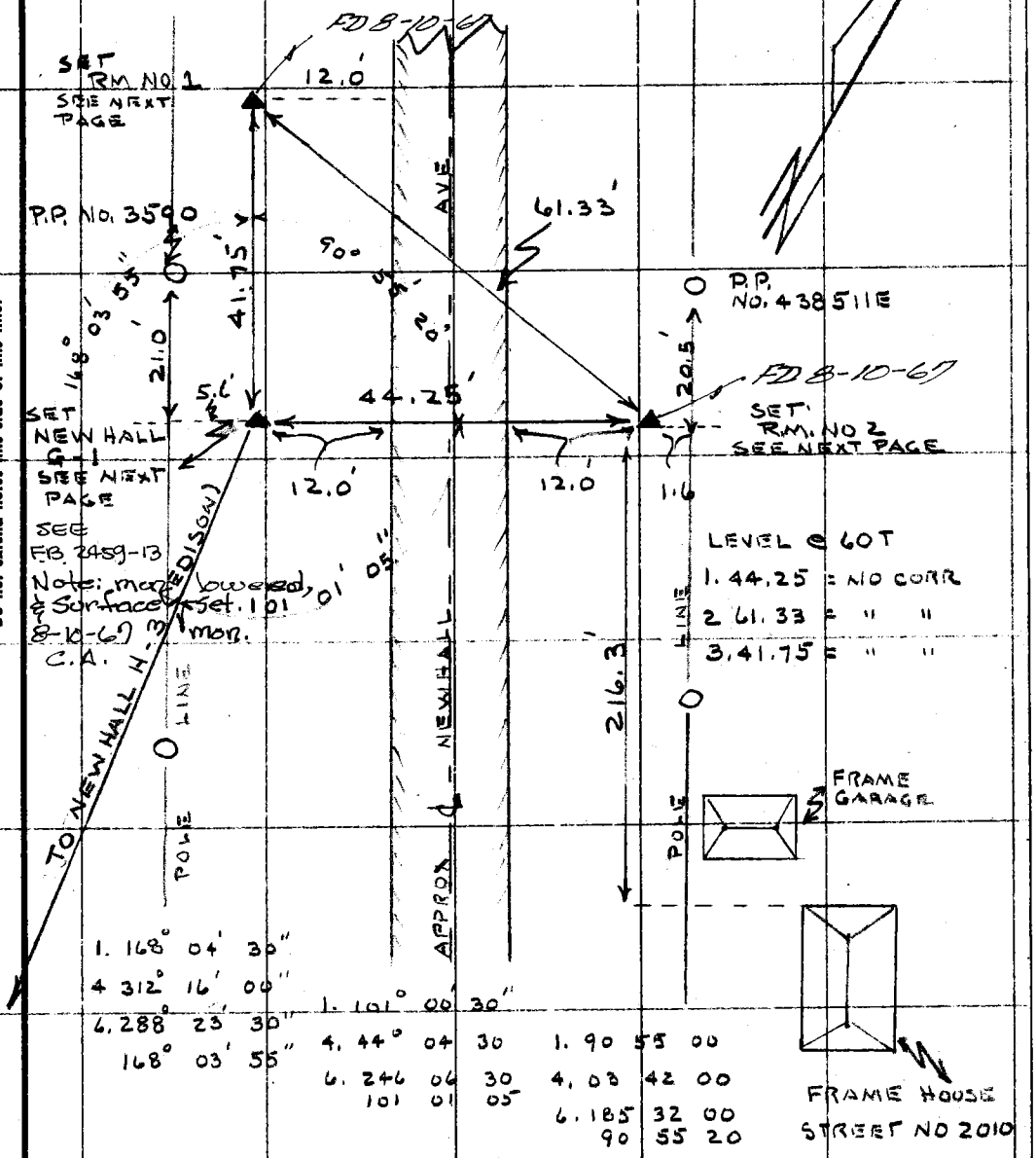
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0391.00 Tape No. 0162 St'd. 68 °F
Office Work	Surveyed by R. D. SMITH
Checked	Notes R. D. SMITH Date 1-16-56
Date	Indexed A. C. Johnson

F. B. 94-1 PG. 71

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

NEW HALL G-1



LEVEL @ 60T

1. 44.25 = NO CORR
2. 61.33 = " "
3. 41.75 = " "

1. 168° 04' 30"
4. 312° 16' 00"
6. 288° 23' 30"
168° 03' 55"

1. 101° 00' 30"
4. 44° 04 30
6. 246 06 30
101 01 05

1. 90 55 00
4. 03 42 00
6. 185 32 00
90 55 20

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

76F3098 247 4-53

F.B. 947 PG. 72

DESCRIPTIONS
NEWHALL G-1

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY IN THE NEWHALL AREA AND IS 12 FT WEST OF THE WEST EDGE OF THE PAVEMENT OF NEWHALL AVE. TO REACH THIS STATION FROM THE INT. OF LYONS AVE & NEWHALL AVE GO 1.35 MILES NORTH WESTERLY ALONG NEWHALL AVE. TO A FRAME HOUSE ON THE RIGHT & EAST NO 2010 NEWHALL AVE THENCE 216.3 FT. TO THE STATION.

STATION MARK SET STD 4 INCH BRASS CAP IN CONC 12 FT WEST OF THE WEST EDGE OF PAVEMENT & 12 INCHES BELOW GROUND SURFACE AND LETTERED L.A. CO SURV. CONT TRI. STA NEWHALL G-1 1956 CO ENGR R.E. 5869

SUB SURFACE MARK NONE SET

REFERENCE MARK NO 1. SET STD 4" BRASS CAP IN CONC 12 FT WEST OF WEST EDGE OF PAVEMENT & 18 INCHES BELOW GROUND SURFACE & LETTERED L.A CO. SURV. CONT TRI MARK NEWHALL G-1 RM. NO 1 1956 CO. ENGR. R.E 5869

REFERENCE MARK NO 2. SET 2 INCH I.P WITH CONC CORE & NAIL CENTER 12 FT EAST OF EAST EDGE OF PAVEMENT AND 18 INCHES BELOW GROUND SURFACE.

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

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Notes Ck'd by	Survey of L.A. CO. CONTROL
Map No.	W. O. 0301.00 Tape No. — St'd. — °F
Office Work	Surveyed by H.R. STOCK
Checked	Notes STOCK Date 2-21-56
Date	Indexed R. C. Johnson 3-27-56

F. B. 547 PG. 73

L.A.CO. SURV. CONTROL SYSTEM

J.M.0301.00

GEODETIC CONTROL

WAYSIDE HONOR RANCHO

TRIANGULATION NET & BASE LINE ORIENTATION

PARTIES

STOCK	BAY
LANDA	SMITH
WILKS	McKNIGHT
LYBRAND	HARRINGTON
GREEN	WALLACE

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

76F3095 S&E #247. 8-54

F.B. 947 PG. 74

TRIANGULATION NET & CADASTRAL TIES AT WAYSIDE

INDEX

STATION	PAGE
YUCCA (SAUGUS C-9)	75 ✓
(SPUR) CASTAIC J10	77 ✓
(WAYSIDE) CASTAIC J5 & CASTAIC J5A	79 ✓
(DUNN) SAUGUS D-5A	81 ✓
LONG (SAUGUS D5A)	83 ✓
SAUGUS A-6 (HOWARD & EDISON)	85 ✓
SAUGUS A-7 (HONOR FARM CORNER "18")	87 ✓
FOOT (SAUGUS G-8)	89 ✓
SAUGUS (SAUGUS H-11)	91 ✓
DISTANCE TIE & TRIANGULATION DUNN TO LONG	93
CADASTRAL TIE LONG TO HONOR FARM BOUNDARY	95 ✓

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

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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W.O. 9301.20 Tape No. 0162 St'd. 68 °F
Office Work	Surveyed by H. R. STOCK
Checked	Notes STOCK Date 2-21-56
Date	Indexed

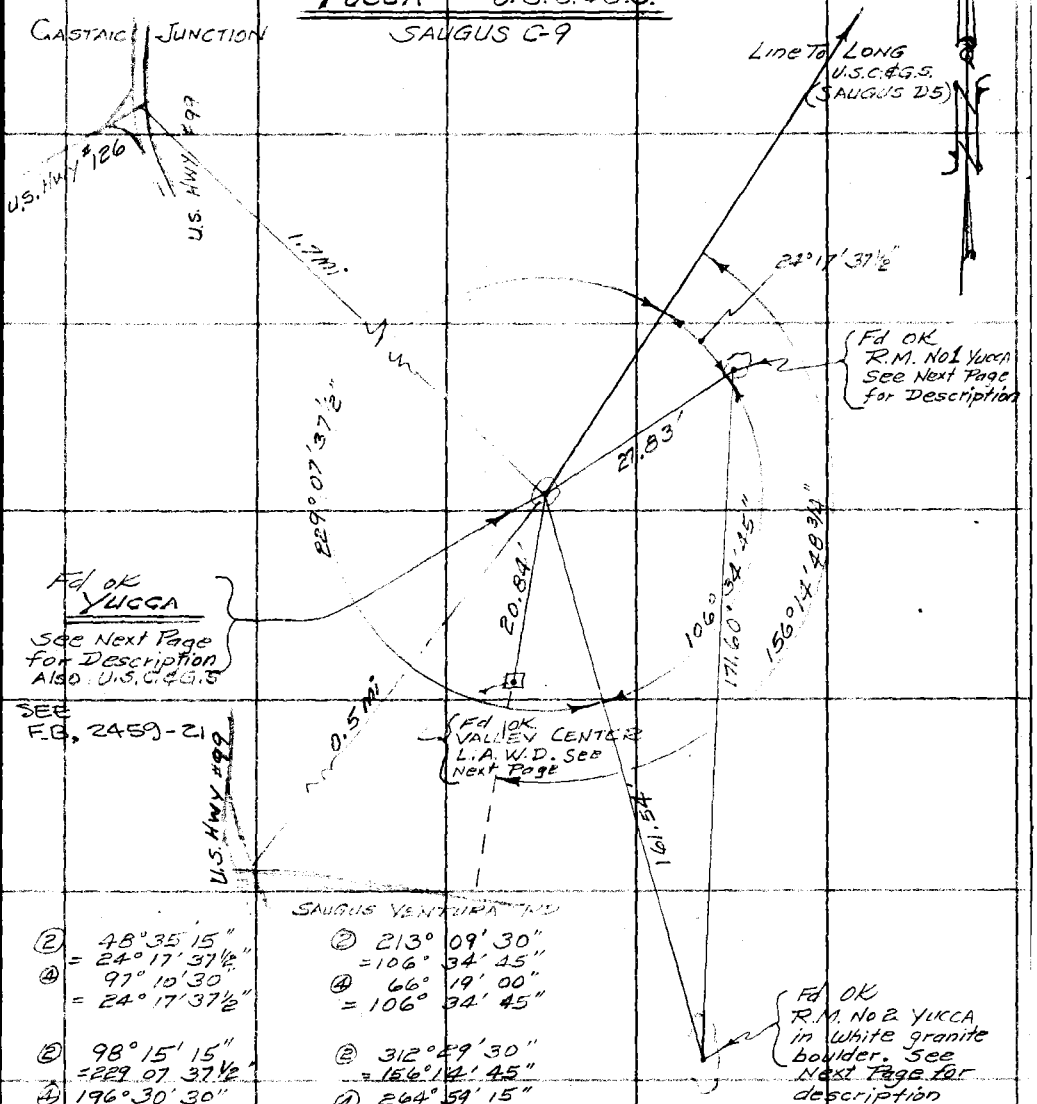
F. B. 947 PG. 75

LOS ANGELES COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

YUCCA U.S.C.&G.S.

SAUGUS C-9



(2) 48° 35' 15"
= 24° 17' 37½"
(4) 97° 10' 30
= 24° 17' 37½"

(2) 98° 15' 15"
= 229° 07' 37½"
(4) 196° 30' 30"
= 229° 07' 37½"

(2) 213° 09' 30"
= 106° 34' 45"
(4) 66° 19' 00"
= 106° 34' 45"

(2) 312° 29' 30"
= 156° 14' 45"
(4) 264° 59' 15"
= 156° 14' 48¾"

Note: All distances meas. T=66°
No Corrections Shown or needed.

Note: U.S.C.&G.S. YUCCA – See NO. 1121 Bakersfield To San Fernando 7785 R

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

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

76F3095 S&E #247. 8-54

F. B. 941 PG. 76

DESCRIPTIONS

YUCCA U.S.C.&G.S.

SAUGUS C-9

THIS STATION IS IN L.A. COUNTY, 2.5 MILES NORTHWEST OF SAUGUS, ON A SUMMIT OF A LONE ISOLATED HILL IN THE SANTA CLARA RIVER, 1.7 MILES SOUTH EAST OF CASTAIC JUNCTION (U.S. HWY #99 & U.S. HWY #126), 0.5 MILE NORTH EAST OF THE INTERSECTION OF U.S. HWY #99 & SAUGUS VENTURA RD.

TO REACH FROM INTERSECTION OF U.S. HWY #99 & SAUGUS VENTURA RD. DRIVE EAST ON SAUGUS VENTURA RD. 0.5 MILE TO DIRT RD. ON NORTH SIDE OF RD AT EDISON TRANSMISSION LINE, DRIVE NORTH ON SERVICE ROAD 0.25 MILE TO SPUR AND PAIR OF RUTS ON LEFT OR WEST, TURN LEFT & WEST FOLLOW UP SPUR 0.2 MILES TO FORK ON RIDGE, TURN RIGHT & EAST DRIVE 250± TO SUMMIT AND STATION.

STATION MARK: Fd OK A STANDARD 4" BRASS DISK U.S.C.&G.S. TRIANGULATION MARK CEMENTED TO A YELLOW GRANITE ROCK (DIAMETER 1' & 8" ABOVE FLUSH). MARK IS LETTERED; "U.S. COAST & GEODETIC SURVEY, TRIANGULATION STATION, YUCCA, 1932."

REFERENCE MARK NO. 1: Fd OK A STANDARD U.S.C.&G.S. REFERENCE MARK (4" BRASS DISK) CEMENTED TO A RED GRANITE ROCK (1.3' IN DIAMETER 2" ABOVE FL). MARKED "U.S. COAST & GEODETIC SURVEY, YUCCA, NO 1, 1932.

REFERENCE MARK NO 2: Fd OK A STANDARD U.S.C.&G.S. REFERENCE MARK SAME AS NO. 1 EXCEPT MARKED NO 2, CEMENTED TO WHITE GRANITE BOULDER (2'X3' AND 1' ABOVE FL.).

VALLEY CENTER L.A.W.D: Fd OK A CONCRETE MON. 12"X12" & 2" ABOVE FLUSH WITH A 2" I.P. & CAP (2 1/2" O.D.) MARKED "VALLEY CENTER, L.A.W.D." WITH DRILLED HOLE CENTER.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
724 LOS ANGELES COUNTY
ENGINEERING BLDG.
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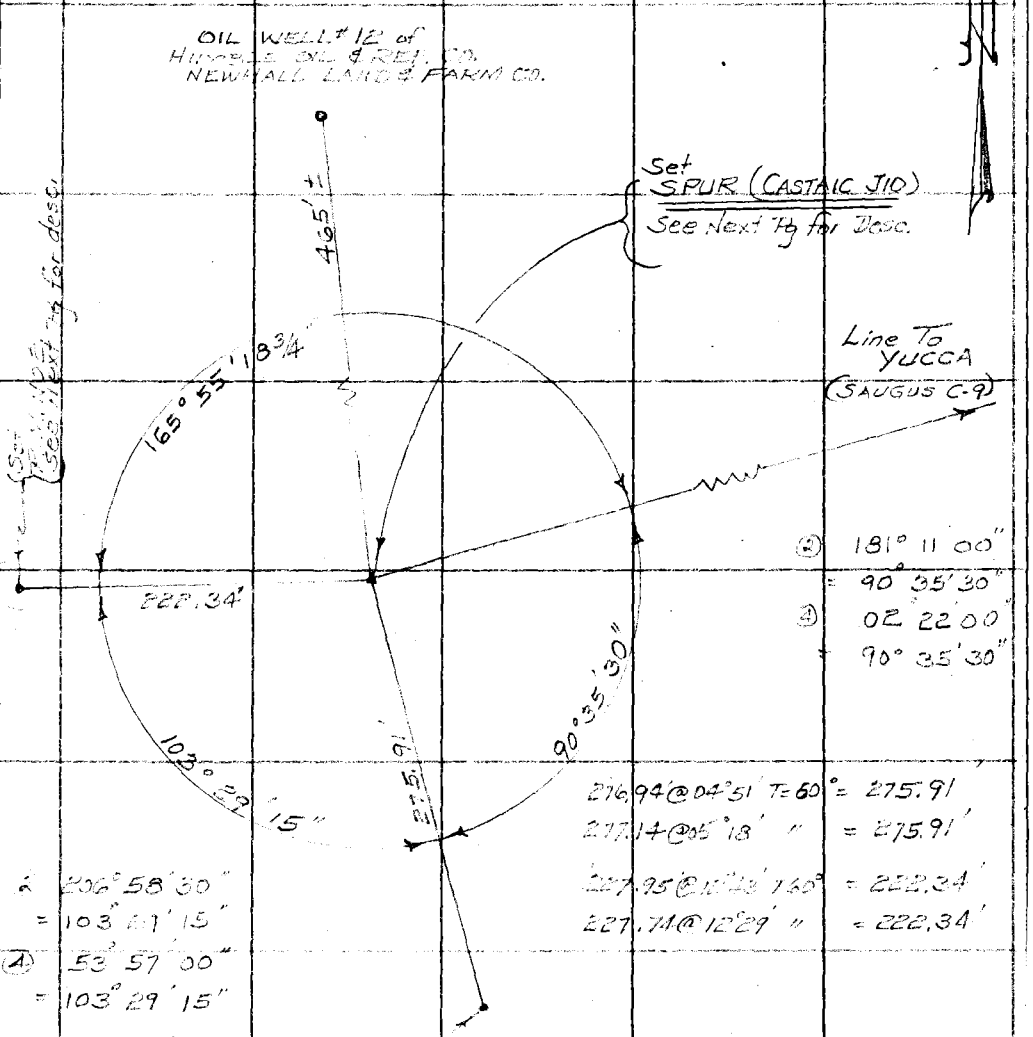
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301.00 Tape No. 138 St'd. 84 °F
Office Work	Surveyed by H. R. STOCK
Checked	Notes STOCK Date 2-20-56
Date	Indexed

F. B. 917 PG. 77

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
SPUR
(CASTAIC J-10)



② 181° 11' 00"
= 90° 35' 30"
④ 02° 22' 00"
= 90° 35' 30"

276.94' @ 04° 51' T=60° = 275.91'
277.14 @ 05° 18' " = 275.91'
227.95 @ 12° 43' T 60° = 222.34'
227.74 @ 12° 29' " = 222.34'

② 206° 58' 30"
= 103° 29' 15"
④ 53° 57' 00"
= 103° 29' 15"

② 331° 50' 30"
= 165° 55' 15"
④ 303° 41' 15"
= 165° 55' 18 3/4"

Set R.M. No. 1 a precast conc. 4" Above flush see next Pg for desc.

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

Do not extend notes this side of this line.

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

76F309S S&E #247. 8-54

F. B. 947 Pg. 78

DESCRIPTIONS
SPUR (CASTAIC J-10)

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY, IN THE SANTA SUSANA MTS, 1.5 MILES SOUTHWEST OF CASTAIC JUNCTION (INTERSECTION OF U.S. HWY #99 & U.S. HWY #126), ON THE NEWHALL LAND & FARM CO. RANCH, ON A PROMINENT SPUR RIDGE, 465± SOUTHEAST OF OIL WELL (NEWHALL LAND & FARM CO. #12).

TO REACH FROM CASTAIC JUNCTION GO SOUTH ON U.S. HWY #99 1.8 MILES TO INTERSECTION, TURN RIGHT & WEST ON PAVED ROAD 0.7 MILE TO INTERSECTION, TURN LEFT & SOUTH ON PAVED ROAD 0.7 MILE TO FORK AT TOE, CONTINUE UP ROAD WEST 0.3 MILE TO FORK, STAY LEFT 0.05 MI TO FORK, THEN RIGHT & NORTH 0.2 MILE TO FORK, LEFT & SOUTH 0.05 MILE TO FORK (AT TANK FARM BATTERY #3 HUMBLE OIL & REF. CO.) TAKE RIGHT & SOUTH WEST UP RIDGE ROAD 0.4 MILE TO CATTLE GUARD ON RIDGE, CONTINUE 0.1 MILE TO FORK, STAY RIGHT 0.1 MILE TO FORK, STAY RIGHT 0.1 MILE TO OIL WELL (NEWHALL LAND & FARMING CO. WELL #27) on LARGE FLAT, DRIVE NORTH 0.1 MILE MORE TO BEGINING OF TRAIL ON LEFT & WEST SIDE OF ROAD, HIKE WEST TO SADDLE 100', THEN RIGHT TO SUMMIT & STATION.

STATION MARK: SET A STANDARD 4" BRASS DISK IN CONC. MON. 12"X12" & 7" ABOVE FLUSH. DISK IS LETTERED; "L.A. COUNTY SURVEY CONTROL SYSTEM, TRIANGULATION STATION, SPUR, CASTAIC J-10, 1956, CO. ENG. R.E. 5869."

REFERENCE MARK No 1: SET A STANDARD PRECAST CONC. MON. 7" DIAMETER AT TOP & 4" ABOVE FLUSH WITH A 2½ BRASS DISK LETTERED "COUNTY ENGINEER, SPUR, R.M. NO. 1, 1956, R.E. 5869".

REFERENCE MARK No 2: SET SAME AS FOR No 1 ONLY R.M. 2.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
720 LOS ANGELES COUNTY
ENGINEERING BLDG.
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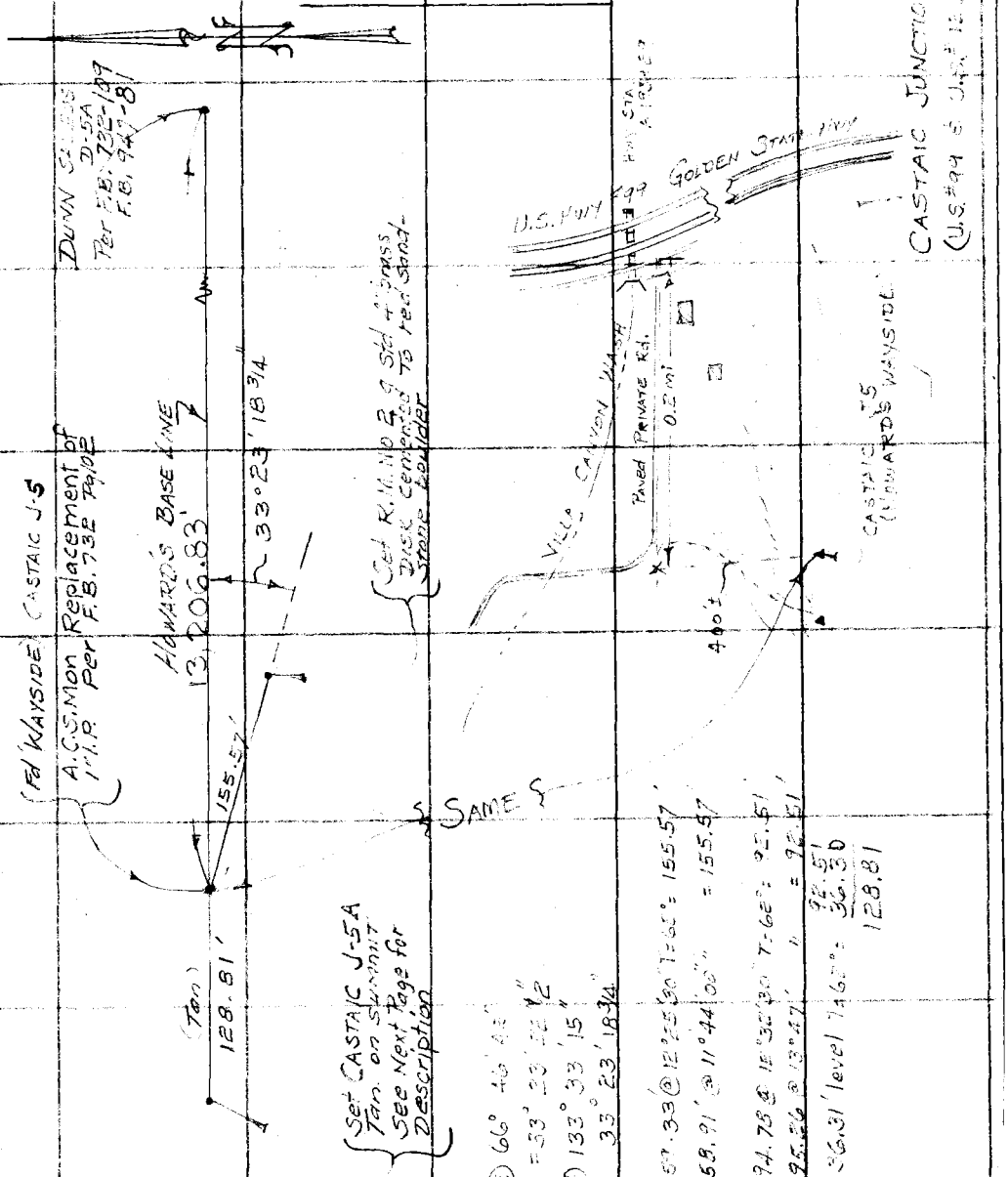
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301.00 Tape No. 138 St'd. 84 °F
Office Work	Surveyed by H.R. STOCK
Checked	Notes STOCK Date 2-21-56
Date	Indexed A. C. Johnson

F. B. [illegible] PG. 79

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
CASTAIC J5A &
(WAYSIDE) CASTAIC J5



(2) 66° 46' 42" = 33° 23' 22 1/2"
(4) 133° 33' 15" 33° 23' 18 3/4"

159.33 @ 12°25'30" T=62°: 155.57'
158.91' @ 11°44'00" = 155.57

94.78 @ 12°32'30" T=62°: 92.51'
95.26 @ 13°47' " = 92.51'

36.31' level T=62°: 92.51 / 36.30 / 128.81

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

Do not extend notes this side of this line.

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

76F309S S&E #247. 8-54

F.B. 947 Pg. 80

DESCRIPTION

CASTAIC J5A &
(WAYSIDE) CASTAIC J-5

These Triangulation Stations are in Los Angeles County, on the west side of Castaic Valley, 1.9 miles north of Castaic Junction (U.S. Hwy #99 & U.S. Hwy #126), 1000'± west of U.S. Hwy #99, on the South side of Villa Canyon on a spur ridge 400'± South of Paved road (Villa Canyon Private road).

To Reach this station from Castaic Junction (U.S. Hwy #99 & U.S. Hwy #126) drive north on U.S. #99 2.0 miles to Wash & Private road on left at Villa Canyon, turn left & west 0.2 mile on private Road to where road Curves north, park & climb up prominent Spur on south side of road to Ridge Summit & Stations.

CASTAIC J-5
STATION MARK @ (WAYSIDE): Found a precast conc. mon. with a 2½" brass disk 4" above flush & lettered "COUNTY SURVEYOR, WAYSIDE Δ, R.E. 63."

CASTAIC J5A
REFERENCE MARK No 1: Set a standard 7" diameter precast conc. Monument with a 2½" brass disk 4" above flush & lettered "COUNTY ENGINEER, WAYSIDE, R.M. 1 →, 1956, R.E. 5869."
This Monument is CASTAIC J5A.

REFERENCE MARK No 2: Set a standard 4" brass Reference mark disk, cemented to a large red Sandstone boulder and lettered. "L.A. COUNTY SURVEY CONTROL SYSTEM, WAYSIDE, R.M. No 2, 1956, SET BY CO. ENG. R.E. 5869."

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

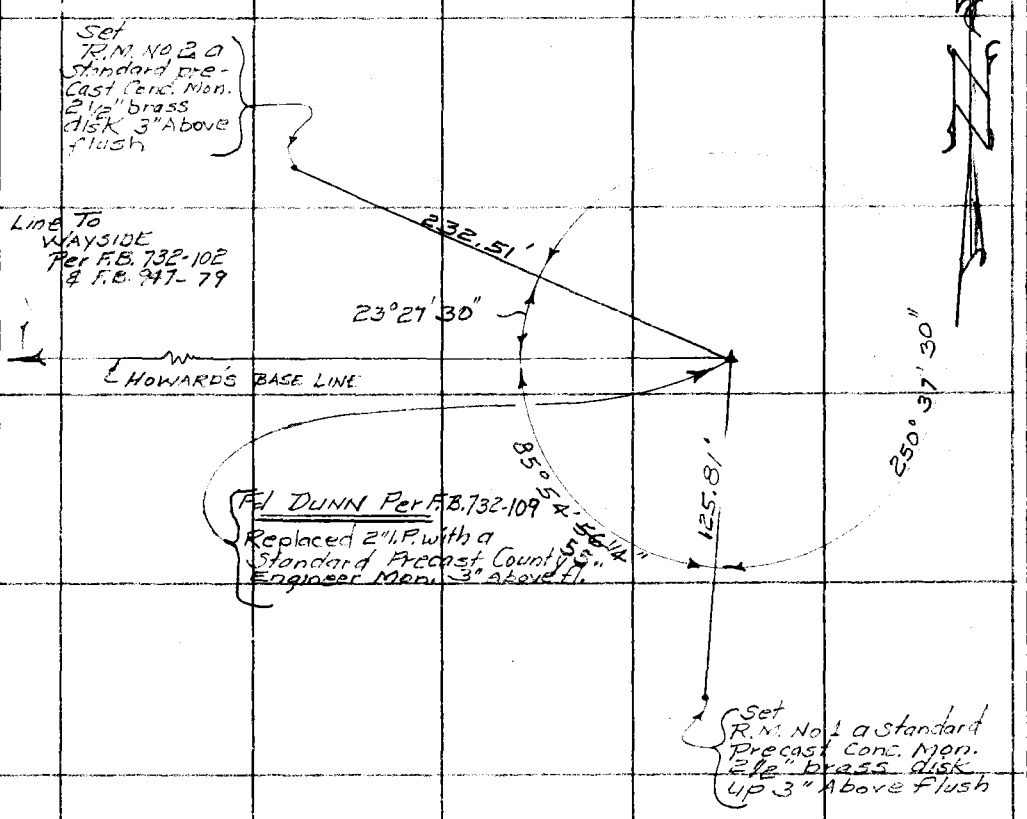
Note: Any Additions or Changes on This Sheet Must be Made or Circled In Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Geodetic Control
Map No.	W. O. 0301.00 Tape No. 138 St'd. 84 °F
Office Work	Surveyed by H. R. Stock
Checked	Notes Stock Date 3-21-56
Date	Indexed [illegible]

F. B. [illegible] PG. 81

L.A. CO. SURVEY CONTROL SYSTEM

TRIANGULATION STATION
(DUNN)
SAUGUS D-5A



125.83' level T= 64° = 125.81'
232.93 @ 3°19' T=60° = 232.51'
232.85 @ 2°58' " = 232.51'

② 46°55'00" = 23°27'30"	② 171°50'00" = 85°55'00"	② 141°15'00" = 250°37'30"
④ 93°50'00" = 23°27'30"	④ 343°39'45" = 85°54'56 1/4"	④ 282°30'00" = 250°37'30"

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

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

76F309S S&E #247. 8-54

F.B. 947 Pg. 82

DESCRIPTIONS

(DUNN) SAUGUS D5A

This station is in Los Angeles County, 2.5 miles northeast of CASTAIC JUNCTION (U.S. HWY #99 & U.S. HWY #126), on the WAYSIDE Honor Rancho, 600'± South of CORNER No.3 (Honor Farm Bdry) on a Spur, 870'± West of dirt road on main ridge.

To reach this station from the administration Bldg. of Wayside Honor Rancho, drive West 300'± thru gate, turn right & north 300'± to Corner of fence, turn right & east Parallel to fence 0.3 mile to fork (West of Maximum Security unit). Continue 0.15 mile to fork at tower, Stay left 0.3 Mile to intersection, Continue left on same road 1.0 mile up draw to ridge & gate (WAYSIDE HONOR RANCHO BDRY FENCE), Turn right & drive 400'± to Peak on right side of road on angle point in fence and Corner #3 (Honor Farm Bdry.) Park & Hike from Summit Southerly 600'± & down 70± in elevation to station in center of Spur.

Fd 2½" P. Per F.B. 732-109

STATION MARK: REPLACED STATION WITH A STANDARD PRECAST CONC. ENG. MON. WITH A 2½" BRASS DISK 3" Above Flush & LETTERED "COUNTY ENGINEER, DUNN 1956, R.E. 5869."

REFERENCE MARK No1: Set a standard Precast conc. ENG. MON. With a 2½" brass disk 3" above flush & Lettered "COUNTY ENGINEER, R.E. 5869, 1956, DUNN, R.M. No 1 →→ ."

REFERENCE MARK No2: Set same as No.1 only lettered "R.M. No2.".

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

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Geodetic Control 0301.00
Map No.	W. O. Tape No. 138 St'd. 52 °F
Office Work	Surveyed by H.R. Stock
Checked	Notes E. Landa Date 2-28-57
Date	Indexed A. C. Johnson

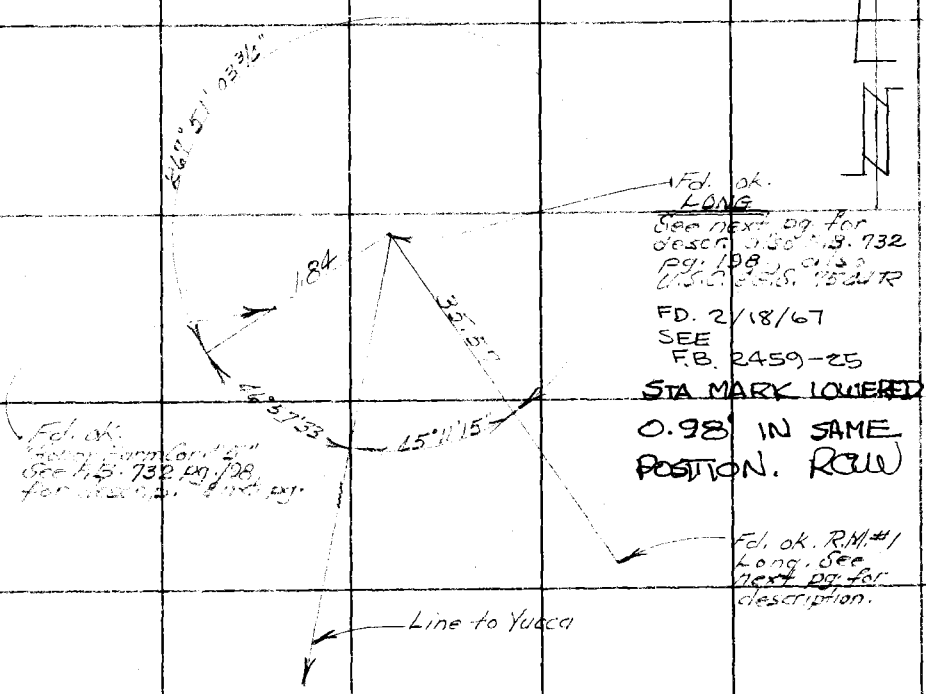
F. B. 917 PG. 53

L.A. COUNTY SURVEY CONTROL SYSTEM

Triangulation Station

LONG - U.S.C. & G.S.

(Saugus D-5)



1) 45° 11' 15"
2) 90 22' 30"
4) 180° 45' 00"

2) 93° 55' 15"
4) 187° 50' 5"
= 46° 57' 33 3/4

1) 267° 51' 00"
2) 75° 42' 00"
4) 351° 24' 15"
267° 51' 03 3/4"

Note: All distances measured, T = 72° Level, No temp. Correction Shown on [illegible]

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

Do not extend notes this side of this line.

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

76F3095 S&E #247. 8-54

F.B. 947 PG. 84

Description

LONG U.S.C.&G.S.

(Saugus D-5)

This Triangulation Station is in Los Angeles Co., 3.8 miles Northwest of Saugus, 2.5 miles Northeast of Castaic Junction (U.S.#99 & U.S.#101), on Summit of small Peak on main Ridge between Castaic Valley & San Francisquito Cn. Near Cor. No. 5 of Los Angeles Co. Wayside Honor Rancho.

To reach this Station from the Administration Bldg. on Wayside Honor Rancho Drive West 0.05 mi. thru gate, turn right & North 0.05 mi., then right & East parallel to fence 0.3 mi to fork West of Maximum Security Unit, continue 0.15 mi to fork at Tower, stay left 0.3 mi. to intersection. Continue left on same road [illegible] mi. up draw to ridge & gate (Wayside Honor Rancho Bdry Fence), Turn right & follow ridge road 0.45 mi. to small [illegible] (Peak) on left [illegible] Summit. (See U.S.C.&G.S. 1932 Recovery note [illegible] to Route & Descr.)

STATION MARK: Fd. ok, A Standard U.S.C.&G.S. Triangulation mark, 4" brass disk cemented to top of gray granite rock, approx. 16" dia., & 1.0 ft. above flush. Disk is Stamped "LONG, 1932"

REFERENCE MARK NO. 1: Fd. ok, A Standard U.S.C.&G.S. Reference mark, 2 in. brass disk cemented to top of granite rock approx. 8 in. diameter & 5 in. above, flush. Disk Stamped "LONG NO. 1 1932"

HONOR FARM CORNER NO. 5: Fd. ok. A Standard precast COUNTY SURVEYOR MONUMENT Approx. 2 in. above ground. Stamped "HONOR FARM COR. NO. 5 R.E. 63 See F.B. 732 pg. 198 & F.B. 947 pg. 95

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

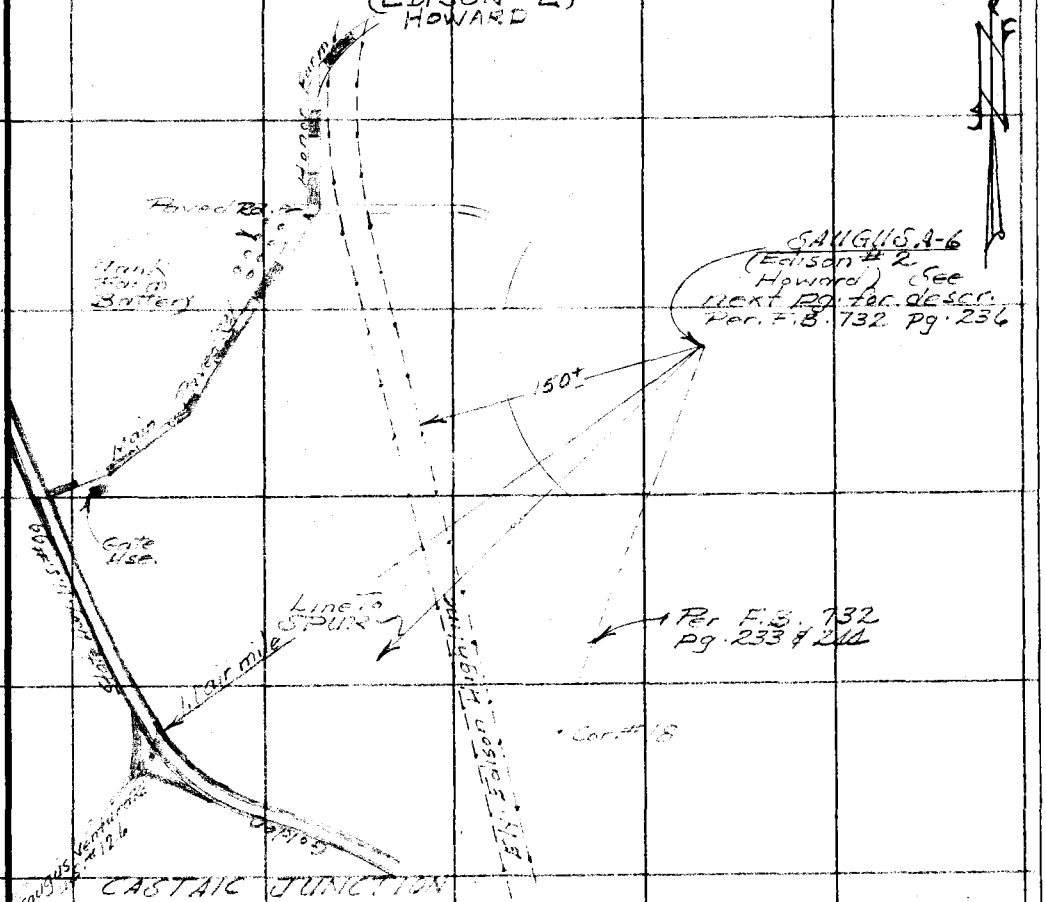
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. 0301.0B Tape No. — St'd. — °F
Office Work	Surveyed by H. R. Stock
Checked	Notes E. Landa Date 2-22-56
Date	Indexed E. C. Johnson

F. B. 947 PG. 85

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION SAUGUS A-6

(EDISON #2) HOWARD



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

Do not extend notes this side of this line.

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

76F309S S&E #247. 8-54

F.B. 947 PG. 86

DESCRIPTION
SAUGUS A-6
(EDISON #2 HOWARD)

This Triangulation Station is in Los Angeles County, approx. 1.1 air miles Northeast of Castaic Junction (U.S. Hwy. #99) on Summit of Ridge 150± East of Ely. Edison Highline

To Reach Station from Castaic Junction go North on U.S. Hwy. #99 0.7 miles to intersection, turn right & East on paved Rd. (Wayside Honor Rancho). Contine on road 0.9 mi in North East direction to intersection & Tank farm on left. Turn Right & East 0.2 mi to Edison Highline & Service Rd. Intersection Turn Right @ Edison Tower #78-2 & continue 0.5 mi to fork, stay left & climb South easterly 0.10 mi to a fork on Rd. Stay Right at North Easterly direction & climb 0.15 mi to Summit of Road & Edison Tower's #208-2. Hike North Easterly 125± ft on to Summit, to Station.

STATION MARK: Fd. ok a Standard precast concrete mon. 7" Dia. 2" above flush with 2½" Brass disk Stamped "COUNTY SURVEYOR EDISON R.E. 2177"

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301.00 Tape No. St'd. °F
Office Work	Surveyed by H.R. STOCK
Checked	Notes STOCK Date 2-29-56
Date	Indexed

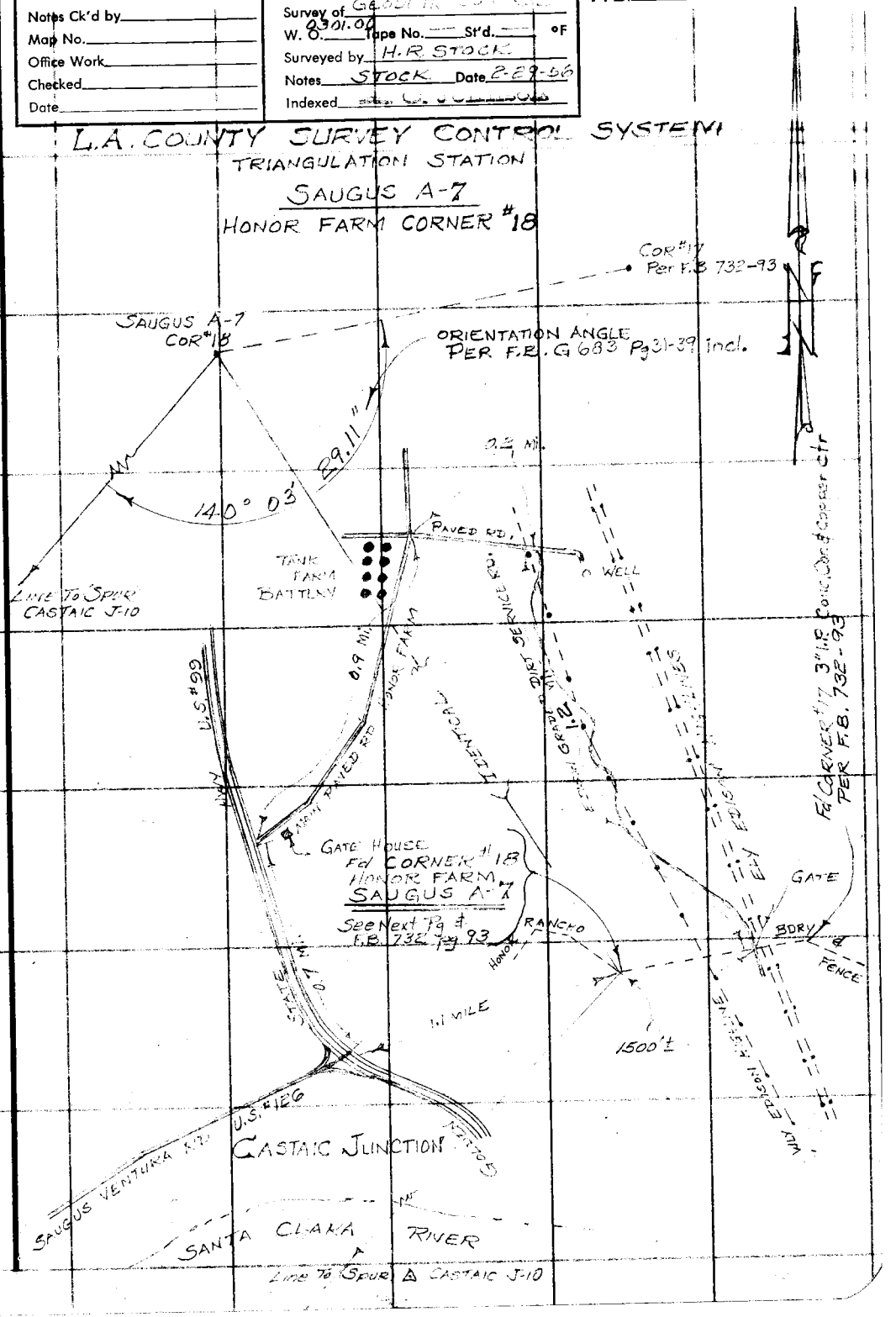
F. B. 947 Pg. 87

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

SAUGUS A-7

HONOR FARM CORNER #18



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

Do not extend notes this side of this line.

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

76F3095 S&E #247. 8-54

F. B. 947 Pg. 88

DESCRIPTION
SAUGUS A-7

CORNER #18 HONOR FARM

THIS TRIANGULATION STATION IS IN LOS ANGELES COUNTY, 1.1 MILE NORTH EAST OF CASTAIC JUNCTION (U.S. HWY #99 & U.S. HWY #126), ON A SHARP LITTLE PEAK, 1500' (MEASURED) WEST OF GATE, ALONG FENCE LINE FROM GATE AT SOUTH BOUNDRY LINE OF WAYSIDE HONOR RANCHO & EDISON CO. SERVICE RD., AT ANGLE POINT IN FENCE LINE & IS RANCHO CORNER #18.

TO REACH THIS STATION FROM CASTAIC JUNCTION DRIVE NORTH ON U.S #99 0.7 MILE TO PRIVATE RD ON RIGHT & EAST (WAYSIDE HONOR RANCHO) TURN RIGHT & EAST FOLLOW PAVED RD 0.9 MILE IN NORTH EAST DIRECTION TO INTERSECTION & TANK FARM ON LEFT, TURN RIGHT & EAST 0.2 MILE TO EDISON HIGHLINE & SERVICE RD INT., TURN RIGHT & SOUTH FOLLOW GRADED DIRT RD ALONG WLY HIGHLINE 1.2 MILES TO GATE AT RANCHOS SLY BOUNDRY, PARK & [illegible] WEST ALONG FENCE LINE 1500' & CLIMB 280' IN ELEV. TO ANGLE POINT IN BARBED WIRE FENCE AT SUMMIT OF PEAK & STATION.

STATION MARK: Fd O.K. A STANDARD PRECAST CONCRETE MON. 7" DIA. & 4" ABOVE FLUSH WITH 2½" BRASS DISK LETTERED "COUNTY SURVEYOR, HONOR FARM COR. 18, R.E. 63".

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

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

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

Survey of GEODETIC CONTROL
W. O. P301.00 Tape No 0162 Std. 68 °F
Surveyed by H.R. STOCK
Notes STOCK Date 2-27-56
Indexed E. C. Johnson

F. B. 947 Pg. 33

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

FOOT U.S.C.&G.S.

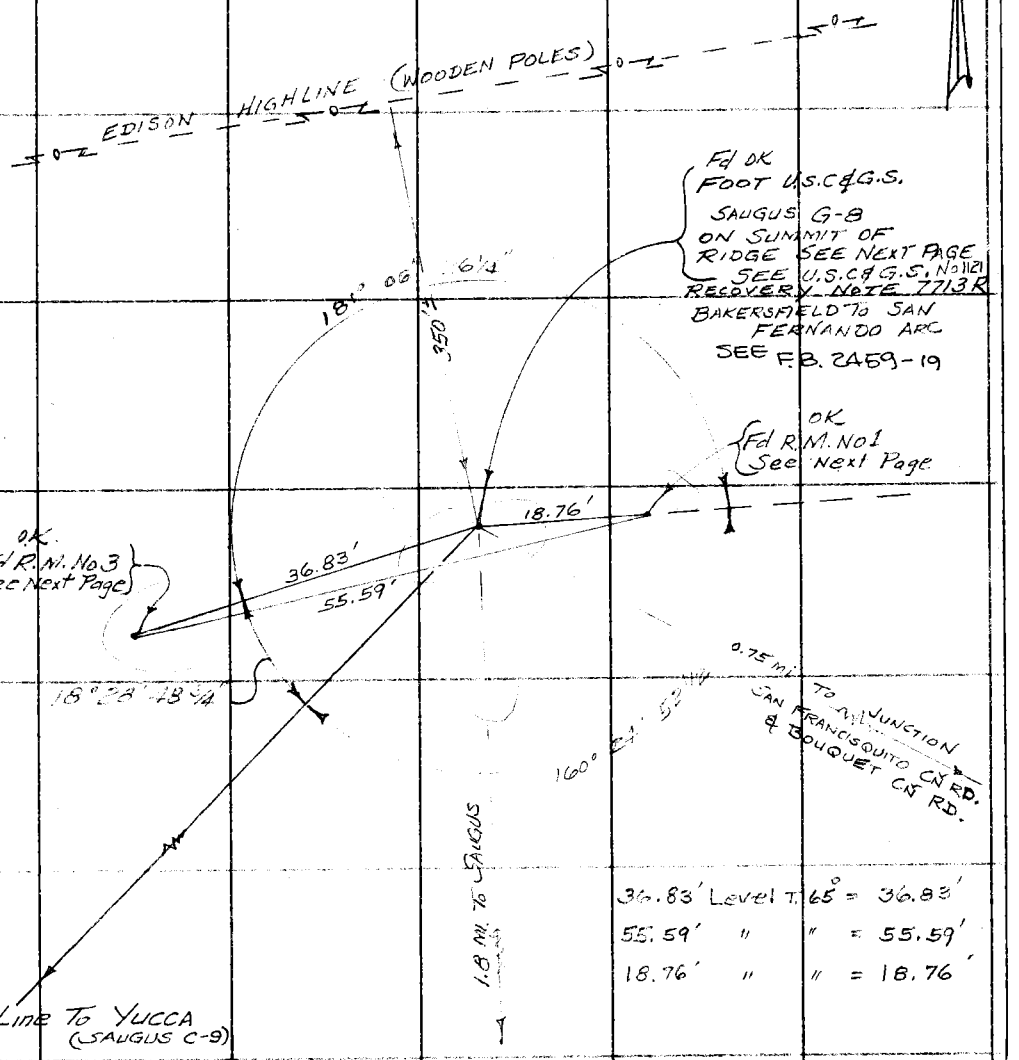
(SAUGUS G-8)

② 36° 57' 30"	⑤ 320° 49' 30"	⑧ 02° 18' 15"
③ 73° 55' 15"	⑥ 281° 39' 30"	⑨ 04° 25' 15"
= 18° 28' 48¾"	= 160° 24' 52½"	= 181° 06' 26¼"

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

Do not extend notes this side of this line.

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



76F309S S&E #247. 8-54

F. B. 947 Pg. 90

DESCRIPTION
FOOT U.S.C.&G.S.
(SAUGUS G-8)

THIS STATION IS IN LOS ANGELES COUNTY, 1.8 MILES NORTH OF SAUGUS, 0.75 MILE NORTH WEST OF INTERSECTION SAN FRANCISQUITO CN. RD & BOUQUET CN RD., ON SOUTHERLY SUMMIT OF MAIN RIDGE BETWEEN DRY CN & SAN FRANCISQUITO CN 300' ± SOUTH OF WHERE EDISON HIGHLINE (WOODEN POLES) CROSSES RIDGE SUMMIT.

TO REACH THIS STATION FROM THE BOUQUET CN RD. & SAN FRANCISQUITO CN RD. JUNCTION, GO NORTH ON SAN FRANCISQUITO CN RD. 0.6 MILE TO WHERE EDISON HIGHLINE (WOODEN POLES) CROSSES RD. & TO A WATER WELL & PUMP HOUSE ON WEST SIDE OF RD., TURN LEFT & WEST ON DIRT RD 0.25 MILE TO FORK, LEFT & SOUTH 0.05 MILE TO FORK, RIGHT & WEST 0.15 MILE TO A GRADED DIRT SERVICE RD (EDISON), WHICH TURNS LEFT & EAST CLIMBING RIDGE THEN SOUTHWESTERLY 0.25 MILE TO WHERE HIGHLINE CROSSES SUMMIT OF RD & RIDGE, 200' ± MORE, LEAVE RD & DRIVE SOUTH ALONG RIDGE 150' ± TO SOUTH SUMMIT & STATION.

STATION MARK: Fd OK A STANDARD U.S.C.&G.S. 4" BRASS TRIANGULATION DISK, CEMENTED TO A YELLOW GRANITE ROCK APPROX. 10" DIA. & 2" ABOVE FLUSH. DISK IS LETTERED; "U.S. COAST & GEODETIC SURVEY, TRIANGULATION STATION, FOOT, 1933."

REFERENCE MARK No 1: Fd OK A STANDARD U.S.C&G.S. 4" BRASS REFERENCE DISK CEMENTED TO A GROUP OF SMALL ROCKS APPROX. 24"x24" & FLUSH WITH GROUND. DISK IS LETTERED; "U.S. COAST & GEODETIC SURVEY, REFERENCE MARK, FOOT, NO 1, 1932."

REFERENCE MARK No 2: NOT FOUND.

REFERENCE MARK No. 3: Fd. O.K A STANDARD U.S.C&G.S. 4" BRASS DISK SAME AS No 1 ONLY LETTERED: "NO 3, 1952" & WELDED ON TOP OF 2" I.P. PROJECTING 6" ABOVE FLUSH.

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

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

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301.00 Tape No. 138 St'd. 84 °F
Office Work	Surveyed by H. R. STOCK
Checked	Notes STOCK Date 2-27-56
Date	Indexed K. O. Johnson

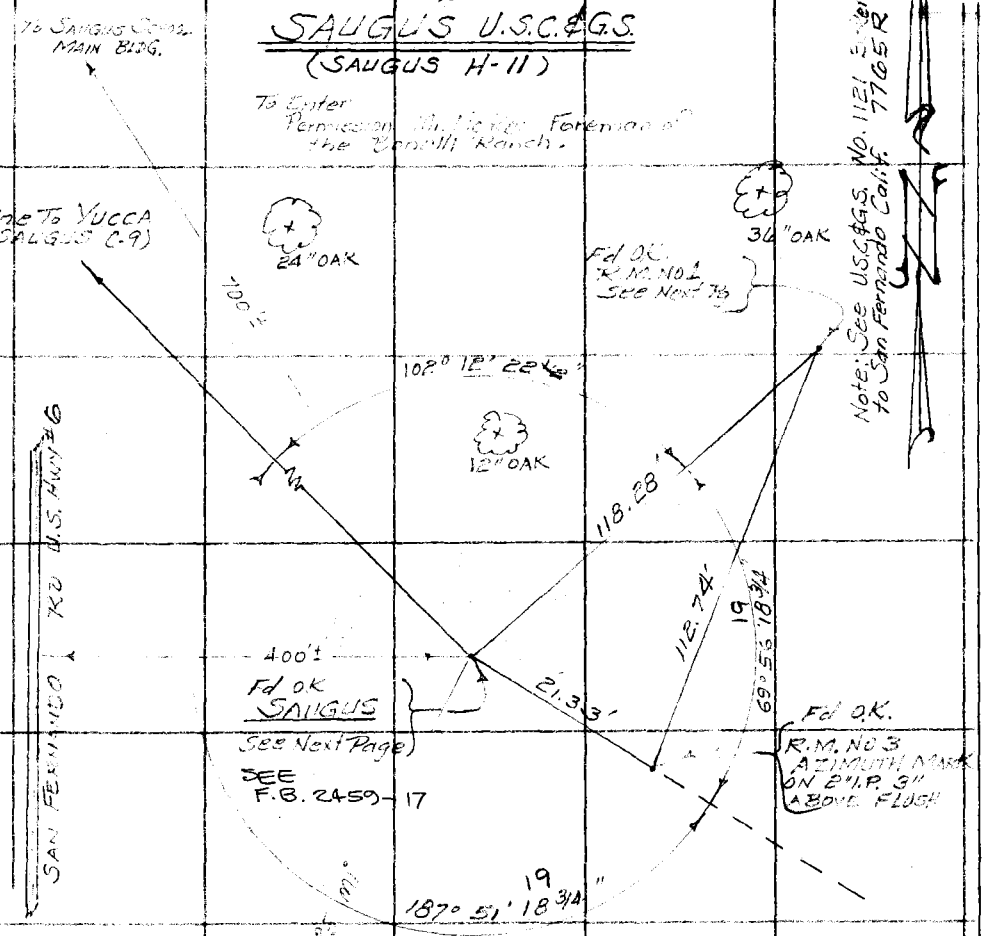
F. B. 947 PG. 91

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

SAUGUS U.S.C.&G.S.

(SAUGUS H-11)



(3) 204° 24' 30"
(4) 48° 49' 30"
= 102° 12' 22½"

(3) 15° 43' 00"
(4) 31° 25' 15"
= 187° 51' 18¾"

(3) 139° 53' 15"
(4) 279° 45' 15"
= 69° 56' 18¾"

112.76 level T.62° = 112.74
21.33 " " = 21.33'
118.30 " " = 118.28'

TO INTERSECTION SAUGUS VENTURA RD & SAN FERNANDO RD.

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

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

76F309S S&E #247. 8-54

F. B. 947 Pg. 92

DESCRIPTION
SAUGUS U.S.C.&G.S.
(SAUGUS H-11)

THIS STATION IS IN LOS ANGELES COUNTY, IN THE SAUGUS AREA, 700'± SOUTHEAST OF THE SAUGUS SCHOOL (MAIN BLDG.), 400'± EAST OF U.S. #6 (SAN FERNANDO RD), ON SUMMIT OF A SPUR RIDGE, 75'± ABOVE RD. IN ELEVATION.

TO REACH THIS STATION FROM INTERSECTION OF U.S. #6 (SAN FERNANDO RD) & SAUGUS VENTURA RD. DRIVE NORTH ON U.S. #6 0.25 MILE TO A POINT 200'± WEST OF A LARGE Cotton Wood TREE (40") AND TOE OF SPUR HIKE UP SPUR 250'± IN SOUTH EAST DIRECTION TO SUMMIT AT ANGLE POINT & STATION.

STATION MARK: Fd OK A STANDARD U.S.C.&G.S. TRIANGULATION (4" BRASS DISK) SET IN CONCRETE MONUMENT [illegible]" & 1" ABOVE FLUSH. DISK IS LETTERED; "U.S. COAST & GEODETIC SURVEY, TRIANGULATION STATION, SAUGUS, 1932."

REFERENCE MARK NO. 1: Fd OK A STANDARD U.S.C.&G.S. REFERENCE (4" BRASS DISK) CEMENTED TO GRANITE ROCK 11"x9" & 3" ABOVE FLUSH. DISK IS LETTERED; "U.S. COAST & GEODETIC REFERENCE MARK, SAUGUS, NO 1, 1932."

REFERENCE MARK NO. 2: NOT FOUND.

REFERENCE MARK NO. 3: Fd OK A STANDARD U.S.C.&G.S. AZIMUTH MARK (4" BRASS DISK) BRASS [illegible] TOP OF P.V.C. PROJECTING 3" ABOVE FLUSH & LETTERED; "U.S. COAST & GEODETIC AZIMUTH MARK, SAUGUS, NO 3, 1932."

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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Note: Any Additions or Changes on This Sheet Must be Made or Circled In Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of [illegible]
Map No.	W. O. [illegible] Tape No. 138 St'd. 54 °F
Office Work	Surveyed by [illegible]
Checked	Notes [illegible] Date 3-2-56
Date	Indexed A C Johnson

F. B. 947 Pg. 93

DISTANCE TIE & TRIANGULATION TIE
LONG TO DUNN

Dis. fr. Dunn To 2 in. I.P.

294.40 @ 4°29' = 293.50
294.30 @ 4°13 = 293.50

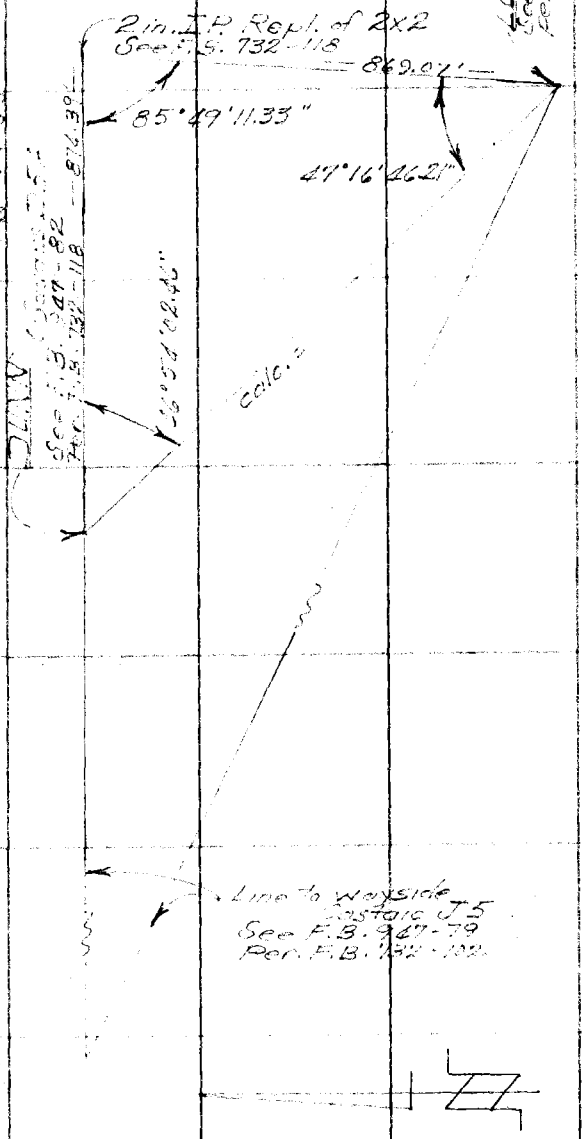
129.31 @ 4°44' = 128.87
129.34 @ 4°54' = 128.87

300.92 @ 7°57' = 298.03
300.91 @ 8°01' = 298.03

162.39 @ 15°27'30" = 154.04
162.01 @ 15°03' = 154.04

T = 76°

Total dis. [illegible] = 874.39'



Dis. fr. 2 in I.P. To LONG

241.37 @ [illegible] = 239.96'
241.20 @ [illegible] = 239.96'

148.50 Level

196.97 @ 02°05' = 196.84
196.94 @ 01°45' = 196.84

177.915 @ 18°15'30" = 168.96
177.295 @ 17°38' = 168.96

119.31 @ 15°42' = 114.84'
119.705 @ 16°21' = 114.84'

T = 76°

Total dis. reduced = 869.07'

Note: for [illegible] distances See F.B. 732-118

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

Do not extend notes this side of this line.

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

76F3095 S&E #247. 8-54

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

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

Do not extend notes this side of this line.

F.B. 2117 PG. 77

Notes Ck'd by	Survey of Geodetic Control
Map No.	W. O. 03n1.00 Tape No. 138 St'd. 84° °F
Office Work	Surveyed by H. R. Stock
Checked	Notes E. Landa Date 2-28-56
Date	Indexed A. C. Johnson

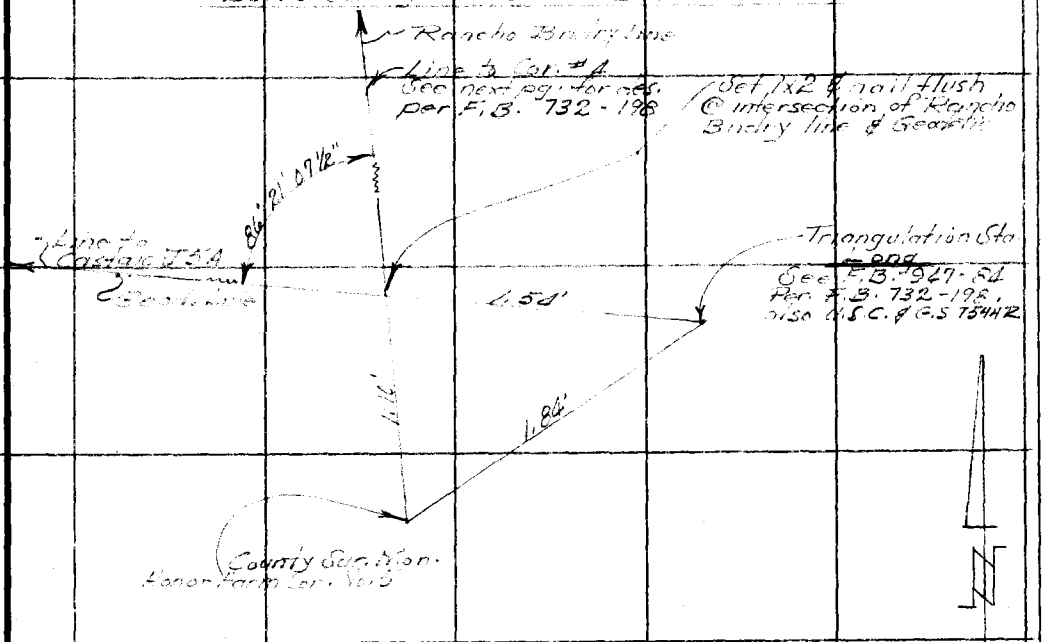
F. B. 947 PG. 95

CADASTRAL 7 12

WAYSIDE HONOR FARM

CORNER 4 & 5

LONG (Saugus D-5) TO CASTAIC J 5 A



Note: No temp. corr.
Shown or needed

1) 86° 21' 00"
4) 345° 24' 30"
6) 158° 06' 45"
= 86° 21' 07 1/3"

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

Do not extend notes this side of this line.

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

76F309S S&E #247. 8-54

F. B. 947 PG. 96

Description

CORNER NO. 4 Honor Farm

Fd. or. a Standard Precast Concrete Monument 7in dia. & 2 in above flush with 2½ in brass disk Lettered "COUNTY SURVEYOR S.F.R.O. HONOR FARM COR 4 - R.E. 63"

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

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Do not extend notes this side of this line.

NOTES RED. _____ JOB NO. _____ SURVEY OF Geodetic Control

DATE _____ SURVEY BY [illegible]

NOTES CHKD. JFM NOTES BY Stock DATE 4-19-56

DATE 4-27-56 INDEXED A. C. Johnson DATE 4-24-56

F. B. 947 PG. 101

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
[illegible] GEODETIC CONTROL BENCH CIRCUIT FOR VERTICAL CONTROL AT NEWHALL G-1 (TRIANGULATION) STATION						
DIFFERENCES OF ELEVATION AT SAN FERNANDO Reading & TOWSLEY Page 110						
					PARTY	
					STOCK	
					LANDA	
					WILKS	
					LYBRAND	
					GREEN	

76S420 S & E-353 4-54

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Fd U.S.C&G.S.	1161.209					Fd J-52 (1926) 1953 Elev. 1161.209
J-52 +	4.432		4.426	4.353		0.2 Mi. N.W. of Saugus Junction
⊼	1165.641	+1.142	+1.146	+1.141		in the E. bridge Abutment of
−	3.290		3.280	3.212		the South Fork Santa Clara
T.P.	1162.351					bridge #53-15 directly opposite
+	6.298		6.317			the Flood Control gaging station, A
⊼	1168.649	+2.712	+2.708			Std U.S.C&G.S. [illegible]
−	3.586		3.609			lettered "J-52 1926"
T.P.	1165.063					T.P.
+	5.417		5.292			
⊼	1170.480	+1.271	+1.270			
−	4.146		4.022			
T.P.	1166.334					T.P.
+	4.581		4.528			
⊼	1170.915	+0.170	+0.167			
−	4.411		4.361			
T.P.	1166.504					T.P.
+	5.392		5.415			
⊼	1171.896	+1.579	+1.575			
−	3.813		3.840			
T.P.	1168.083					T.P.
+	6.296		6.307			
⊼	1174.379	+1.438	+1.438			
−	4.858		4.869			
T.P.	1169.521					T.P.
+	5.940		5.938			
⊼	1175.461	+0.900	+0.897			
−	5.040		5.041			
Fd U.S.G.S. 1171	1170.421					Fd U.S.G.S. 1171 Elev. 1170.409 (1953 Field)
						See Next Pg for description

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY H. R. Stock DATE
NOTES BY Stock DATE 4-19-56 NOTES CHKD.
INDEXED DATE DATE

F. B. 947 Pg. 102

76S420 S & E-353 4-54

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Fd U.S.G.S.	1170.421					Fd U.S.G.S. 1171 Elev. 1170.409 (1953 Field
1171 +	3.944		3.923	3.960		At Saugus, 33' S. of the S.W. C
⊼	1174.365	-0.095	-0.110	-0.106		of S.P.R.R. Sta. 49' N. of A pum
-	4.039		4.033	4.066		house and 18' E. of the E.
T.P.	1170.326					of the main track. A USGS sta
+	5.534					disk, stamped "1171" and set i
⊼	1175.860		5.517	5.537		the Top of a conc. Post.
-	5.251	+0.283	+0.271	0.276		
T.P.	1170.609		5.246	5.261		T.P.
+	4.910		4.883			
⊼	1175.519	+0.134	+0.135			
-	4.776		4.748			
T.P.	1170.743					T.P.
+	4.849		4.843			
⊼	1175.592	+0.086	+0.081			
-	4.763		4.762			
T.P.	1170.829					T.P.
+	5.128		5.118			
⊼	1175.957	+0.540	+0.535			
-	4.588		4.573			
T.P.	1171.369					T.P.
+	5.032		4.991			
⊼	1176.401	-1.833	-1.833			
Set -	6.865		6.824			Set
T.B.M.	1169.536					T.B.M. Elev.
+	8.937		8.912			
⊼	1178.473	+2.344	+2.345			
-	6.593		6.567			
Fd U.S.C.&G.S. R370	1171.880				[illegible]	Fd U.S.C.&G.S. R-370 (1953) Elev. 1171.823 See Next Pg for de[illegible]

NOTES RED. _____ JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL
DATE _____ SURVEY BY H.R. STOCK
NOTES CHKD. JFM NOTES BY STOCK DATE 4-19-56
DATE 4 27 56 INDEXED R. G. Johnson DATE _____

F. B. 947 PG. 103

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Fd U.S.C.&G.S.	1171.880					Fd U.S.C.&G.S. R-370 (1953) Elev. 1171.828
R-370	10.440	✓	10.559			0.4 Mi. So. of Saugus R.R. Sta., 45'
⊼	1182.320	+8.571	+8.569			± W of San Fernando Rd U.S.#6, 2'
	1.869	✓	1.990			E. of Woven Wire Flood Control
T.P.	1180.451					fence, 6' S. of R.P.#724408E, A
+	4.359	✓	4.606			Std 4" U.S.C.&G.S. brass bench mark
⊼	1184.810	-4.839	-4.836			disk set in Conc Pillar 12" dia up 3"
−	9.198	✓	9.442			& lettered "R-370, 1953"
T.P.	1175.612					T.P.
+	8.868	✓	10.109	10.223		
⊼	1184.480	+8.085	+8.091	8.091		
−	0.783	✓	2.018	2.132		
T.P.	1183.697					T.P.
+	5.647	✓	5.699			
⊼	1189.344	+2.636	+2.637			
−	3.011	✓	3.062			
T.P.	1186.333					T.P.
+	4.499	✓	4.413			
⊼	1190.832	+0.283	+0.284			
−	4.216	✓	4.129			
T.P.	1186.616					T.P.
+	5.272	✓	5.379			
⊼	1191.888	+0.702	+0.703			
−	4.570	✓	4.676			
T.P.	1187.318					T.P.
+	5.299	✓	5.360			
⊼	1192.617	+1.477	+1.478			
−	3.822	✓	3.882			
T.P.	1188.795					T.P.

JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL NOTES RED. DATE
SURVEY BY H. R. STOCK
NOTES BY D. L. WILKS DATE 4-20-56 NOTES CHKD. DATE
INDEXED DATE

F. B. 947 PG. 104

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	[illegible]		[illegible]			T.P.
+	6.099	✓	6.[illegible]3			
⊼	[illegible].893	+2.809	+2.811			
−	3.[illegible]	✓	3.332			
T.P.	[illegible].603		[illegible]			T.P.
+	5.[illegible]	✓	5.3[illegible]			
⊼	[illegible]	+2.601	2.603			
−	3.[illegible]	✓	3.287			
T.P.	[illegible]		[illegible]			T.P.
+	5.742	✓	5.825			
⊼	[illegible]	+2.412	2.412			
−	3.330	✓	3.413			
T.P.	[illegible].616		[illegible]			T.P.
+	6.[illegible]	✓	6.753			
⊼	1206.803	+3.376	3.374			
−	3.3[illegible]	✓	3.379			
T.P.	[illegible].992					T.P.
+	6.[illegible]	✓	6.840			
⊼	1206.781	+5.240	5.240			
−	1.549	✓	1.600			
T.P.	[illegible]					T.P.
+	4.812	✓	4.8[illegible]			
⊼	[illegible]	+0.193	[illegible]			
−	4.[illegible]	✓	4.669			
T.P.	[illegible].425					T.P.
+	5.4[illegible]	✓	5.519			
⊼	[illegible]	+0.049	0.049			
−	5.3[illegible]	✓	5.770			
Set Newhall G-1	1205.474					Set Newhall G-1

See Next Pg for Desc.

NOTES RED. ____ JOB NO. [illegible] SURVEY OF [illegible]
DATE ____ SURVEY BY [illegible]
NOTES CHKD. JFM NOTES BY [illegible] DATE 4-20-56
DATE 4-27-56 INDEXED [illegible] DATE

F. B. [illegible] PG. 105

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Set Newhall	1205.474					Set Newhall G-1 Elev.
G-1 +	6.069		[illegible]			See F.B. 947 Pg 71
π	1211.543	+ 0.278	0.277			Triangulation Sta Newhall G-1
Set −	5.791		5.8[illegible]			
Newhall G-1	1205.752				1205.444	set R.M. #1 of Newhall G-1 Elev.
R.M. #1 +	5.957		6.100			See F.B. 947 Pg 71
π	1211.709	+ 3.256	3.252			
Fd −	2.701		2.848			
T.B.M.	1209.003					Fd [illegible] IN P.P. # 3592 ON Newhall
+	3.578		3.670			Ave. Across the Street from House # 2010
π	1212.586	− 0.528	0.530			a R.R. Spk on E. Side of Pole
−	4.106		4.200			
T.P.	1208.480					T.P.
+	5.696		5.733			
π	1214.176	+ 0.357	0.353			
−	5.339		5.380			
T.P.	1208.837					T.P
+	4.951		5.031			
π	1213.788	− 0.127	0.126			
−	5.078		5.157			
T.P.	1208.710					T.P
+	5.043		5.111			
π	1213.753	+ 0.055	0.053			
−	4.988		5.058			
T.P.	1208.765					T.P.
+	5.232		5.322	5.242		
π	1213.797	+ 0.326	0.331	0.325		
−	4.906		4.991	4.917		
T.P.	1209.091					T.P.

JOB NO. 2321.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY H. R. Stock DATE
NOTES BY D. L. Wilks DATE 4-20-56 NOTES CHKD.
INDEXED DATE DATE

F. B. 947 PG. 106

765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1209.591					T.P.
	5.140	/	5.239			
	1214.837	+ 3.522	5.522			
	4.634	/	4.717			
	1219.471					T.P.
	4.562	/	4.509			
	1214.871	+ 3.792	3.792			
	2.337	/	3.325			
T.P.	1211.537					T.P.
	5.356	/	6.251			
	1217.315	+ 0.708	0.711			
	5.250	/	5.349			
T.P.	1211.965					T.P.
	3.665	/	3.775			
	1215.768	+ 1.648	1.650			
	5.051	/	5.125			
T.P.	1210.717					T.P.
	4.724	/	4.813			
	1215.441	- 0.951	0.950			
	5.675	/	5.825			
Set T.B.M.	1209.766					Set T. B. M. Elev. 1209.766 on C.L. of Chase Ave. 5' E. of the E. end of the Curb. C.B. 16th St. & Normal Ave.
	2.778	/	2.876			
	1212.544	- 3.760	3.761			
	6.538	/	6.637			
T.P.	1206.006					T.P.
	5.260	/	5.404			
	1211.266	+ 0.398	0.385			
	3.172	/	3.319			
T.P.	1208.094					T.P.

NOTES RED _____ JOB NO _____ SURVEY OF Grad. Cont.
DATE _____ SURVEY BY L. R. STOCK
NOTES CHKD. J.F.M. NOTES BY _____ DATE 4-20-56
DATE 4-27-56 INDEXED _____ DATE _____

F.B. 247 PG. 107

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1208.094					T.P.
+	4.751	/	4.919	5.032		
x	1212.845	+0.549	0.541	0.539		
−	4.202	/	4.378	4.493		
T.P.	1208.643					T.P.
+	5.939	/	6.031			
x	1214.582	+0.440	0.440			
−	5.499	/	5.591			
T.P.	1209.083					T.P.
+	8.674		9.759			
x	1217.757	+7.870	7.871			
−	0.804		1.888			
Fd U.S.C.&G.S. Q370	1216.953					Fd Q370 (1953) Elev. 1216.917 1.0 Mi. N. of Newhall on [illegible] [illegible] Rd, on the South east corner of bridge # 53-14 over La Placerita Creek, A Std 4" brass U.S.C.&G.S. bench mark disk lettered "Q370, 1953."

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY DATE
NOTES BY D.L. WILKS DATE 4-20-56 NOTES CHKD.
INDEXED DATE DATE

F.B. 947 PG. 108

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED_____ JOB NO. 1201.22 SURVEY OF Geodetic Control
DATE_____ SURVEY BY_____
NOTES CHKD. JFA NOTES BY_____ DATE_____
DATE 4-27-56 INDEXED_____ DATE_____

F. B. 317 PG. 109

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
		DIFFERENCES OF ELEVATION AT SAN FERNANDO STATION P.C.I. -5				
SAN FERNANDO CENTER	Assumed 3000.00					
+	2.16					
π	3002.16	- 3.73 ✓				
-	2.37					
AUX #1	2996.27					
San Fernando - Assumed						
d/o Center	3000.00					
+	2.14					
π	3002.14	- 1.60 ✓				
-	3.87					
AUX #2	2998.27					
San Fernando - Assumed						
d/o Center	3000.00					
+	2.16					
π	3002.16					
T.P. -	11.20	-12.82 ✓				
	2990.96					
+	2.51					
	2993.47					
-	3.10					
Elev #1	2990.37					

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
		DIFFERENCES OF ELEVATION				
		AT TOWSLEY STATION, TO ECCENTRIC STATIONS				
Towsley	Assumed					
	3000.00					
+	01.61					
⊼	3001.61	-9.31				
-	10.92					
Ecc.#1	2990.69					
Towsley	Assumed					
	3000.00					
+	10.63					
⊼	3010.63					
T.P. -	1.20	+13.06				
	3009.43					
+	7.04					
⊼	3016.47					
-	[illegible]					
Ecc.#2	3013.[illegible]					

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED. DATE
SURVEY BY DATE NOTES CHKD. DATE
NOTES BY DATE
INDEXED DATE

F. B. 947 PG. 110

Notes Ck'd by	Survey of Geod. Control
Map No.	JN 0301.00 Tape — Std — °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes H.R.S. Date 12-13-63
Date	Indexed [illegible] DEC 18 63

F. B. 947 PG. 211

L.A. CO. SURVEY CONTROL SYSTEM
CHATSWORTH AREA

CHATSWORTH STATIONS L-2, L-3 & L-5
& H-1 ZONE 7 COORDINATES

PARTIES:

DREIER	WILSON
MOODY	BAZEN
LYBRAND	MATHER
WORKMAN	McKNIGHT
	BOURDEAU

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #247—3-57

F. B. 947 Pg. 212

INDEX & METHOD SKETCH

APPROX. SCALE
1" = 4000'

SAN FERNANDO AUX #1
PICO L-9
L.A.CO.
F.B. 947 - 43

H-1 CHATSWORTH
ROCKY POINT
F.B. 947 - 217 & 218

L-2 CHATSWORTH
L.A.CO.
F.B. 947 - 21 & 22

L-3
CHATSWORTH
F.B. 947 - 213 & 214

A-4
ZELZAH
L.A. CITY
F.B. 947 - 19 & 20

L-5 CHATSWORTH
F.B. 947 - 215 & 216

CHATSWORTH
H-6
U.S.G.S. (L.A.CO)

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

Survey of GEODETIC CONTROL
JN 0301.00 Tape 167 Std 84 °F
Surveyed by G.E. DREIER
Notes G.E.D Date 11-22-63
Indexed

F. B. 947 PG. 213

L.A.Co. SURVEY CONTROL SYSTEM TRIANGULATION
STATION CHATSWORTH L-3

1. 92° 22' 50"
4. 9 31 20
92 22 50
6. 194 16 50
92 22 48⅓

65.99 @ 66°F = 65.98 @ 19° 45' = 62.10
65.69 @ 66 F = 65.68 @ 19° 10' = 62.095

Noted ... Index Card
Placed ... Sheets
Placed on ... No.
Sketch on ... Card

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #247—3-57

F.B. 947 PG. 214

DESCRIPTION TRIANGULATION

STATION CHATSWORTH L-3

THIS STATION IS IN LOS ANGELES COUNTY, CHATSWORTH AREA, NEAR SEC. COR. 1 + 6 / 12 + 7 T.2N R.16 & 17 W.

TO REACH STATION TAKE CHATSWORTH CASTAIC, RD. & MAYAN DR N'LY FROM SANTA SUSANA AVE. 0.75 MI. TO A GATE ON WLY SIDE, JUST PAST L.A.CO FIRE STATION CO. #75 (ON E'LYSIDE). GO THROUGH GATE W'LY ON DIRT ROAD 0.1 MI TO A CLEARED AREA. WALK S.WLY 500± FT TO TOP OF A LOW HILL AND STATION.

STATION MARK FOUND A STD. STATE HWY. BRASS DISC STAMPED "S.M. 2 1962" IN TOP OF A 10" CONC. POST FLUSH

R.M. NO.1 FOUND C.S. MON. UNDER FENCE CORNER STAMPED

COUNTY SURVEYORS MONUMENT
T2N
R17W 1 + 6 / 12 + 7 R16W

Noted on Gen. Index Card
Placed on U.S.G.S. Quad. Sheet 700
Placed on Sur. Div. W.S. No.
Sketch on Geo. Desc. Card

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LOS ANGELES COUNTY ENGINEERING BLDG.

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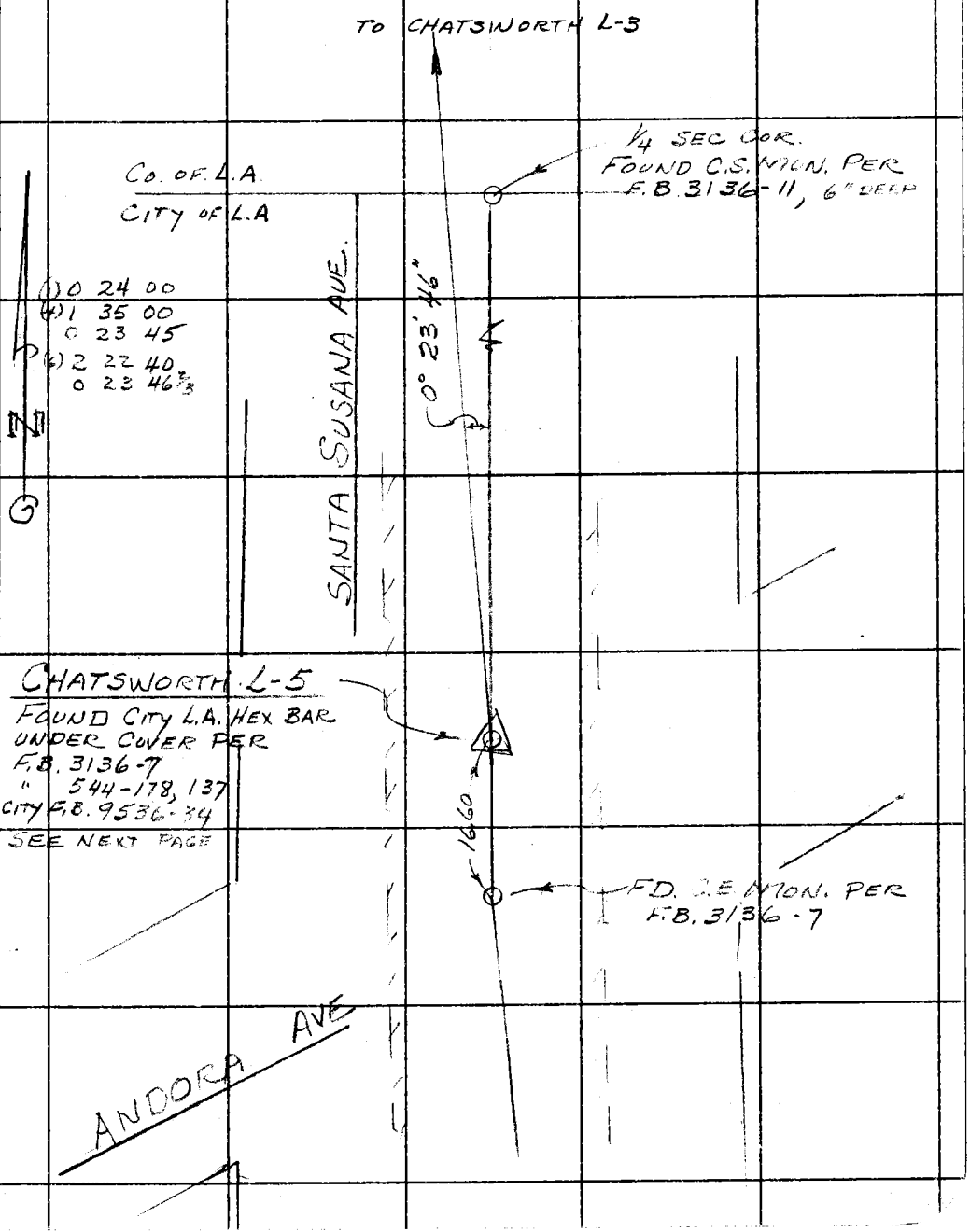
1

Notes Ck'd by	Survey of SANTA SUSANA AVE
Map No.	JN 009584 Tape Std °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G.E.D Date 12-11-63
Date	Indexed C. J. GALLI DEC 1 8

F. B. 947 PG. 215

L.A. CO. SURVEY CONTROL SYSTEM

TRIANGULATION STATION CHATSWORTH L-5



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

76F309S CE # 310 3-61

F. B. 947 PG. 216

DESCRIPTION,
TRIANGULATION STATION CHATSWORTH L-5

THIS STATION IS IN LOS ANGELES COUNTY, IN THE CITY OF LOS ANGELES, CHATSWORTH VICINITY, ON THE CENTER LINE OF SANTA SUSANA AVE. AND N.W'LY LINE OF ANDORA AVE. PER F.B. 3136-7

STATION MARK: FOUND A 3/4" HEX BAR IN CONC. 8 INCHES BELOW THE PAVEMENT SURFACE UNDER CITY OF L.A. CAST IRON COVER

SEE F.B. 3136-7 FOR TIES

Noted on Gen. Index C ✓
Placed on U.S.G.S. Quad. 6
Placed on Sec. Div. N.S. No.
Sketch on Gen. Desc. Card

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LOS ANGELES COUNTY ENGINEERING BLDG.
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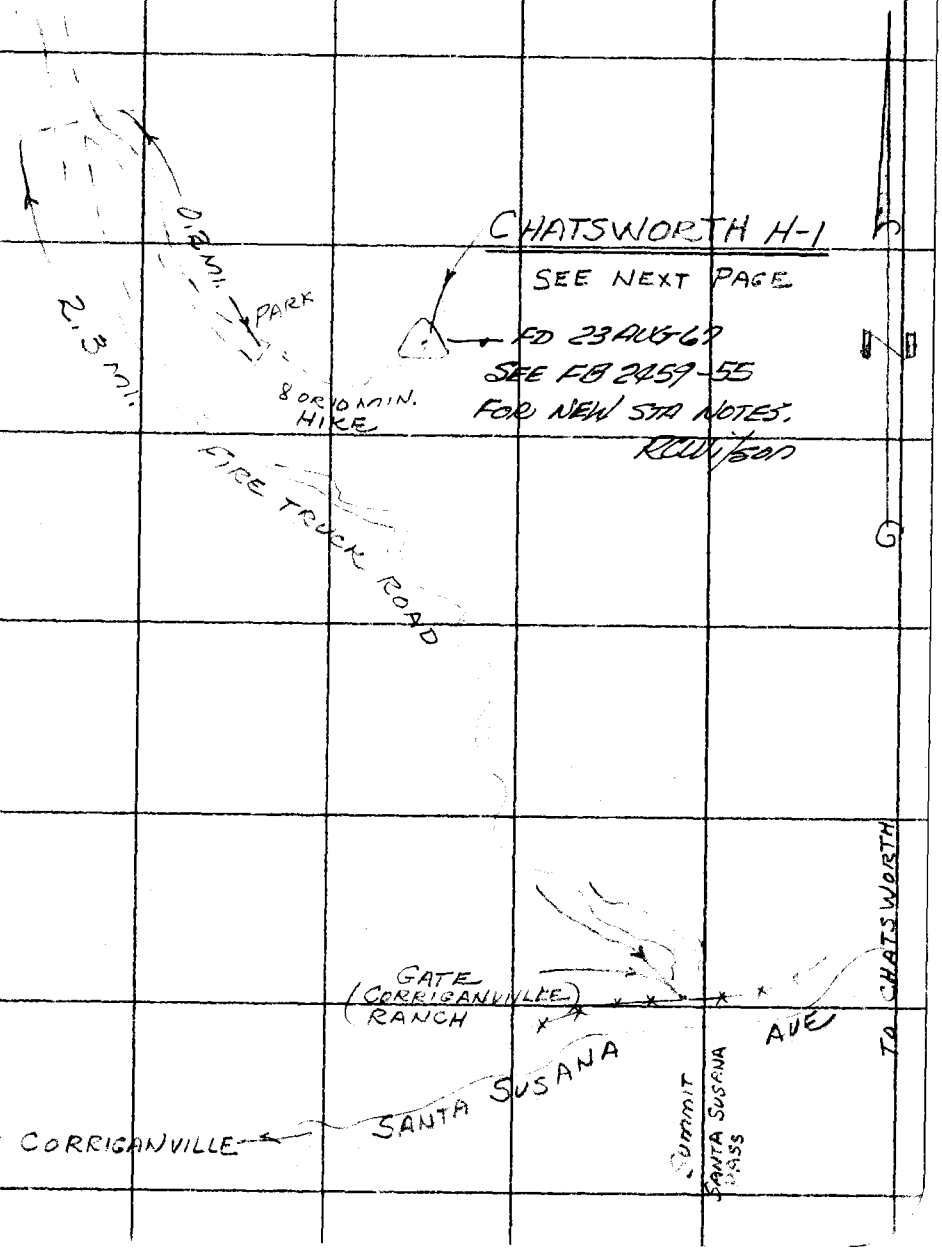
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 12-11-63
Date	Indexed C. J. GALLI

F. B. 947 PG. 217

L.A. CO. SURVEY CONTROL SYSTEM TRIANGULATION STA

CHATSWORTH H-1
(ROCKY PEAK)



Noted on Geo. Indx. Card
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Placed on Sur. Div. U.S. No.
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76F309S CE # 310 8-61

F. B. 947 PG 218 DESCRIPTION; TRIANGULATION

STATION CHATSWORTH H-1

THIS STATION IS THE ANGLE POINT IN LOS ANGELES - VENTURA COUNTY LINE ABOUT 1.7 MI. NORTH OF SANTA SUSANA PASS.

TO REACH STATION FROM CHATSWORTH TAKE SANTA SUSANA AVE TO THE SUMMIT OF SANTA SUSANA PASS A FEW HUNDRED FEET W'LY FROM L.A. - VENTURA CO. LINE. TAKE FIRE TRUCK ROAD 2.3 MI. N'LY UP MAIN RIDGE TO FIRE ROAD ON RIGHT. TURN RIGHT AND GO S.E'LY 0.2 MI., PARK AND HIKE (8 OR 10 MIN) E'LY TO TOP OF HIGHEST PEAK.

STATION MARK: FOUND A 2½" BRASS DISK SET IN TOP OF A 15± FT. BOULDER ON PEAK. DISC STAMPED

VENTURA COUNTY
COUNTY
~~COUNTY BOUNDARY~~
BDY
L.A. COUNTY

MARK STAMPING CORRECTED
12-18-67 RC WILSON

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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 136 Std 84 °F
Office Work	Surveyed by R.C. WILSON
Checked	Notes BAZEN Date 1-13-60
Date	Indexed by CA

F. B. 947 Pg. 219

Note: Sketch on Card. Placed on U.S.C.&G.S. Mon. Sht. Placed on Sec. Ch. & Qu. Card.

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L.A. Co. Sur. Cont. Sys.

T-1R

Triangulation Sta NEWHALL E-10

ECC. 1

128.37 @ 8°08' T=54° = 127.06
LEVEL 67.16 T=54° = 67.15
194.21'

(METRIC TAPE) M-3
39.125 @ 8°08' T=54° = 127.06'
LEVEL 20.469' T=54° = 67.15
194.21'

SEE FB 2457-43 FOR NAM STA "NEWHALL E-10A"

RCW 12-69

Ⓐ 158-14-00
Ⓑ 272-56-00
Ⓒ 229-24-00
158-14-00

TO △ STA. "PICO L-9 1941 X-1

△ STA. NEWHALL E-10 "RIDGE" F.B. 947-29

C.E. Mon. Cor #4 FB 2944-34

Ⓐ 69-17-40
Ⓑ 138-35-20
69-17-40

3310

3315

3320

2000 DELAY BLDG

S 32° E

T=50°

143.07 @ 8°39' = 141.01
145.73 @ 3°53' = 141.44
124.85 @ 5°09' = 126.31
LEVEL 15.14 = 15.14
141.45

158° 14' 00"

Ⓐ 25-17-40
Ⓑ 50-35-40
25-17-50

194.21'

141.44

69° 17' 40"

25° 17' 50"

30.31'

C.E. Mon. Cor #2 FB 2944-34

R.M. #1 SEE PG. 220
Ⓐ 21-24-10
Ⓑ 85-57-20
Ⓒ 128-26-00
21-24-20

127.95' 127.97 T=54° = 127.95
(M) 39.002 T=54° = 127.94'

NEW HALL E-10 ECC. No 1 SEE NEXT PG. PG. 220

NOTE: COR'S ALSO FD PER C.S. B-2853

30.32 T=56° = 30.31
(M) 9.145 T=56° = 30.31

76F309S CE #3 10 8-62

F. B. 947 PG 220

~ DESCRIPTION ~

L.A. CO. SURVEY CONTROL SYSTEM
TRIANGULATION STATION
NEWHALL E-10 ECC. NO. 1

THIS STATION IS IN L.A. COUNTY, IN THE SANTA SUSANA MT'S. 4.8 MILES N.E. OF THE CITY OF CHATSWORTH, ON OAT MT., 2.1 MI. E. OF OAT MT. FIRE LOOKOUT (R16W-T3N SEC. 28) NEAR TOP OF BROAD PEAK + 60' ± N.W. OF LARGE STEEL OIL TANK #2998.

STA. CAN BE REACHED BY TRAVELING NORTH ON DE SOTO AVE. FROM DEVONSHIRE ST. 3.2 MI. TO LOCKED GATE. (L-KEY) FOLLOW PAVED RD. 3.0 MI. TO UP GRADE TO ARMY INSTALLATION, PROCEED STAIGHT AHEAD 2.0 MILES TO FORK IN RD. BEAR LT. + PROCEED 1.6 MI. TO OTHER ARMY INSTALLATION, PROCEED 1.4 MI. OVER ROUGH PAVED RD. TO INTERSECTION, CROSS PAVED INTERS. + PROCEED 0.2 MI. UP RIDGE ON DIRT RD. TO STATION.

STATION MARK: SET A STD. 4" BRASS CAP TRIAN. MON. (PRECAST) IN A 16"x16" CONC. PAD UP 6" + STAMPED "NEWHALL E-10 ECC. No. 1, 1965, L.A. CO. ENG'R. R.E. 5869" + IS PROTECTED BY A STD. 2" YELLOW MARKER PIPE 3' N'LY.

R.M. # 1 SET A STD. 4" BRASS CAP REF. MON. IN 12" RD. CONC. PAD UP 6" + STAMPED "NEWHALL E-10 ECC 1 R.M. ~~NO~~ 1, 1965, L.A. CO. ENG'R. R.E. 5869." + IS PROTECTED BY A STD. 2" YELLOW MARKER PIPE 3' N'LY.

R.M. COR #2
SEE F.B. 2944-34
+ C.S. B 2853

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Placed on Sur. Div. W.S. No.
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Profile	Notes Red	Plotted	Job No. 0301.00	Division No. 11	F.B. 947	PG. 221
No.	Date	Date	Survey of GEODETIC CONTROL			
X-Sec.	Notes Chkd.	Checked	Survey by R.C.W.	Notes BAZEN	Date 1-11-65	
No.	Date	Date	Map No.	Indexed J. GALLI	Date	

Noted on Geo. Index
Noted on U.S.G.S. Quadrants
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J.N. 0301.00

VERTICAL CONTROL

ELEVATIONS

ON

NEWHALL E-10

NEWHALL E-10 ECC.1.
R.M. NO. 1 TO E-10 ECC. 1
R.M. NO 4. TO E-10
OAT MT. MICROWAVE SITE PROP. COR. #4
" " " " " " " #2.
NEWHALL E-10 (SUBSURFACE MON.)

1-12-65

ELEV.

PARTY

F.S.

R.C. WILSON
J. BAZEN
J. RANDALL

H.I.

R. MATHER
J. LYBRAND
E. MARTINEZ

B.S.

STATION

76L-298 CE 307 11-58

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	
△ STA NEWHALL E-10	142	3326 62		3325 20	△ STA. "RIDGE" NEWHALL E-10 ELEV. = FD. STD. 4" U.S.C. + G.S. TRIANG. STA PER F.B. 947-29. " F.B. 947-219
R.M. NO. 4			7 45	3319 17	R.M. NO. 4. ELEV. = NO REF. (SEE F.B. 947-29)
T.P.	030	3318 31	8 61	3318 01	T.P.
COR. # 4	667	3318 29	6 69	3311 62	PROP. COR NO. 4 ELEV. = FD. STD. C.E. PRECAST UP 2". PER F.B. 2944-34
T.P.	446	3322 47	0 28	3318 01	T.P.
T.P.	207	3314 11	10 43	3312 04	T.P.
R.M. NO. 1 TO ECC. - 1	399	3314 06	4 04	3310 07	R.M. NO. 1 TO ECC. 1. ELEV = STD. 4" R.M. PER F.B. 947-219.
△ STA. NEWHALL E-10 ECC. 1	097	3311 55	3 48	3310 58	△ STA. NEWHALL E-10 ECC. 1. STD. 4" PRECAST TRIANG. MON PER F.B. 947-219.

F.B. 947 PG. 222
Job No. 0301.00 Division No. 11
Survey of GEODETIC CONTROL
Survey by ____ Notes ____ Date ____
Indexed G. J. GALL Date ____
Notes Red ____ Date ____
Notes Chkd. ____ Date ____
Plotted ____ Date ____
Checked ____ Date ____
Profile ____ No. ____
X-Sec. ____ No. ____

76L-298 CE 307 11-58

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Placed on Sur. Div. W.S.No.
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STATION	B.S.	H.I.	F.S.	ELEV.		
		331155				
PROP. COR. #2	1077	331387	845	330310	PROP. COR. NO. 2. ELEV. = FD. STD. C.E. PRECAST	
T.P.	758	332253	012	331295		
T.P.	569	332757	065	332188		
△ STA. "RIDGE" NEWHALL E-10			238	332519	△ NEWHALL E-10 ELEV. = PER F.B. 947-29 " F.B. 947-219 " F.B. 947-222	
				332519		
			—	273	DN. TO SUBSURFACE MARK	
NEWHALL E-10 SUBSURFACE MON.				332246	ELEV. OF STD. 4" U.S.C.+G.S. SUB-SURFACE MON. STAMPED "RIDGE 1932" (NO. REF.)	

Profile Notes Red ____ Plotted ____ Job No. 0301.08 Division No. 11
No. ____ Date ____ Date ____ Survey of GEOLOGICAL CONTROL
X-Sec. Notes Chkd. ____ Checked ____ Survey by R.C.W. Notes BRIEN Date 1-12-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALT Date ____

F.B. 947 P223

F.B. 947 PG. 224 | Job No. 0301.00 Division No. 11 Notes Red ____ Plotted ____ Profile

Survey of ____ Date ____ Date ____ No. ____

Survey by ____ Notes ____ Notes Chkd. ____ Checked ____ X-Sec.

Indexed ____ Date ____ Date ____ Date ____ No. ____

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

76L-298 CE 307 11-58

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

Notes Ck'd by	Survey of San Francisco Ro. Ln.	F. B. 947 Pg. 225
Map No.	JN 0302.01 Tape Std °F	
Office Work	Surveyed by R. C. Bowers	
Checked	Notes RCB Date 5/66	
Date	Indexed [illegible]	

Noted [illegible] Index Card
Placed [illegible] S.G.S. Quad. Shts.
Placed on Sur. Div. U.S. No.
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SAN FRANCISCO RANCHO LINE

S.F. № 4 to S.F. № 5

From Hwy 99 S.E. to Rt. 14
along the Southerly Bdry of
the Rancho San Francisco

MAY 1966

JN. 0302.01

Ref.	Party
F.B. 947	Bowers
F.B. 3205	McCall
	Duerbeck
	Huckaby
	Peterson

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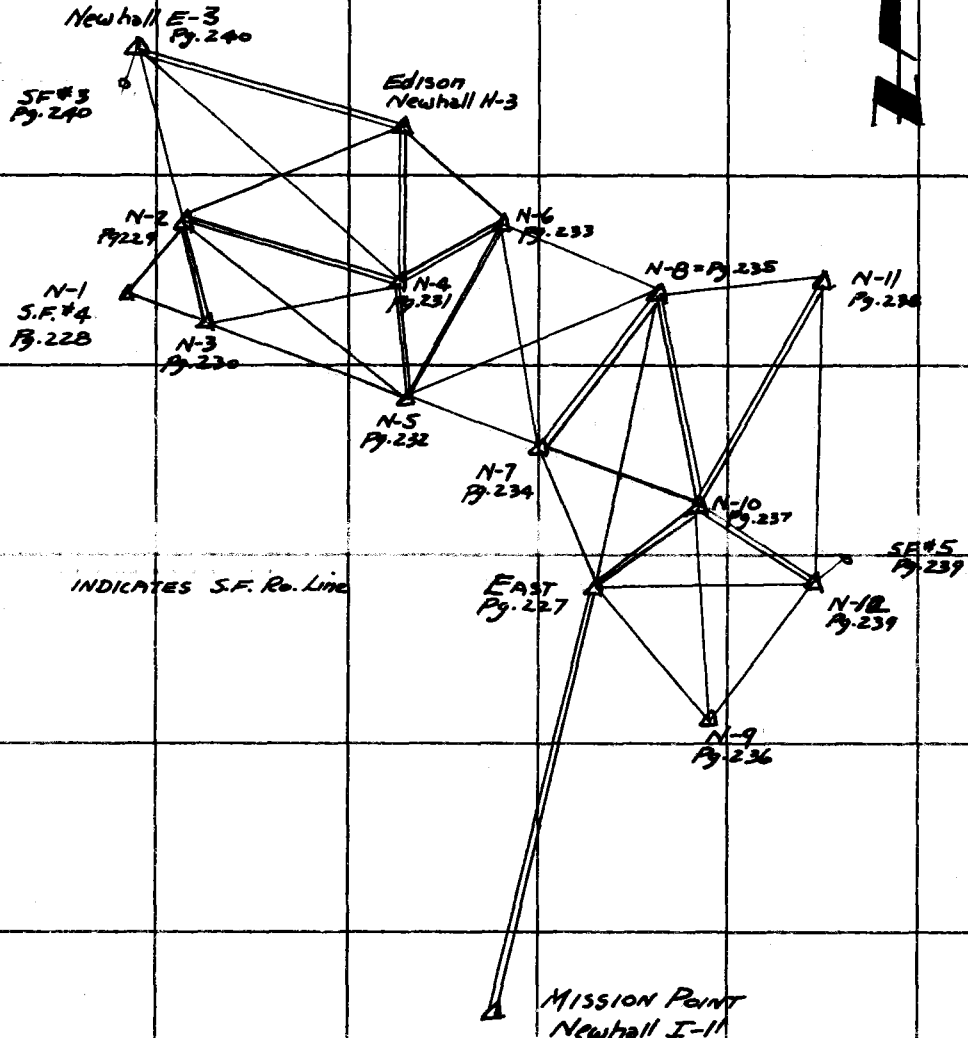
76F309S CE #310 6-62

F. B. 947 PG 226

METHOD & INDEX SKETCH



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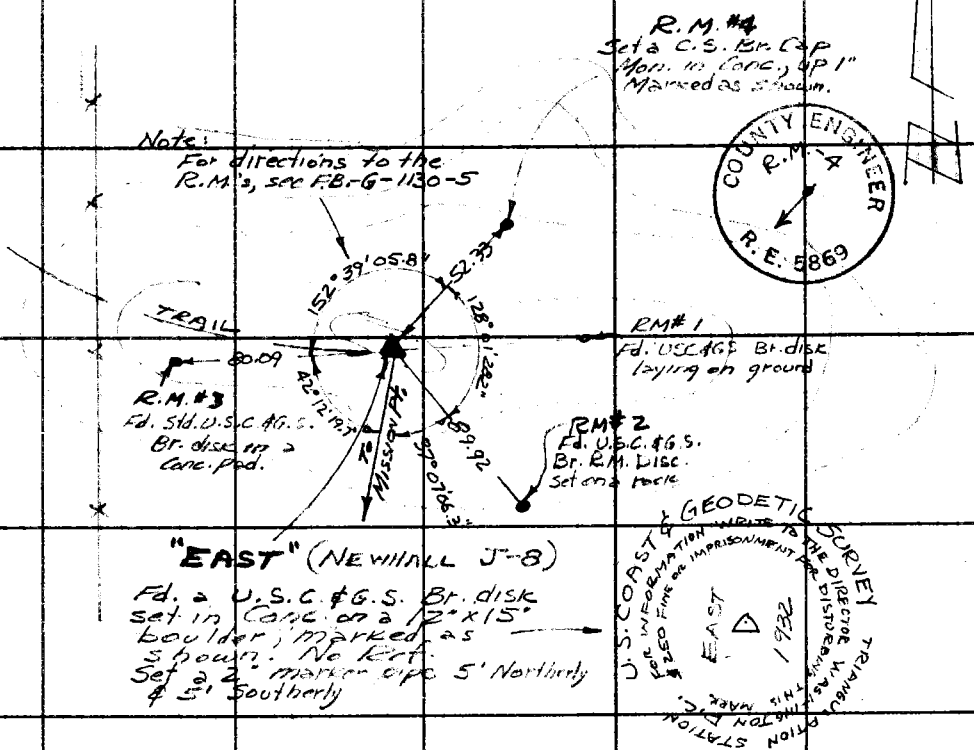
Notes Ck'd by	Survey of San Francisco Co. Lm.
Map No.	JN 0302 01 Tape Std 68 °F
Office Work	Surveyed by R.C. Bowers
Checked	Notes R.C.B Date 5/17/66
Date	Indexed

F. B. 947 PG. 221

"EAST"



To reach "East" from the Jct. of Lyons Ave & Hwy. 99, travel Southerly on Rt. Hwy 99 3.3 mi., Turn East on Peach Mty. Enter locked gate. At 0.1 mi. Rds enter from Rt. & Lt., Continue straight. travel another 0.8 miles, park in flat area. Hike approx 400' Easterly up ridge to the station.

T=64°
100.99 @ 27°05' = 89.92

T=64°
81.41 @ 10°19' = 80.09

T=64°
52.33 @ Lev = 50.33

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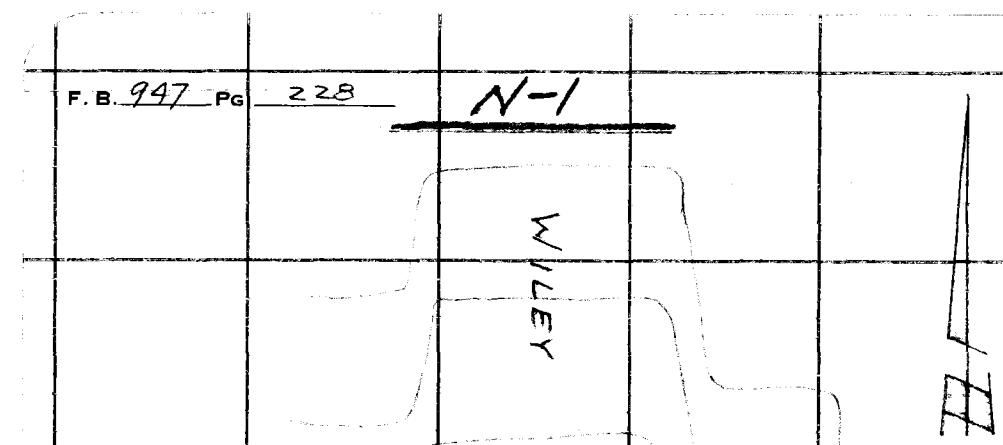
76F309S CE #310 6-62

F. B. 947 PG 228

N-1



N-1
0+00 E.
S.F. Co. Cor. #4
Fd. a 2" I.P. conc.
plug & C.E. Tag,
Dn. 16' per
F.B. 3205-33

To reach N-1, travel Southerly 1.1 miles on Wiley Cyn. Rd. from Lyons Ave. The station is on the east side of the road at the base of the cut bank.

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Notes Ck'd by	Survey of [illegible] Ro. Line
Map No.	JN 0302 01 Tape 175 Std 84 °F
Office Work	Surveyed by R.C. Bowers
Checked	Notes R.C.B. Date 5/66
Date	Indexed [illegible]

F. B. 941 PG. 229

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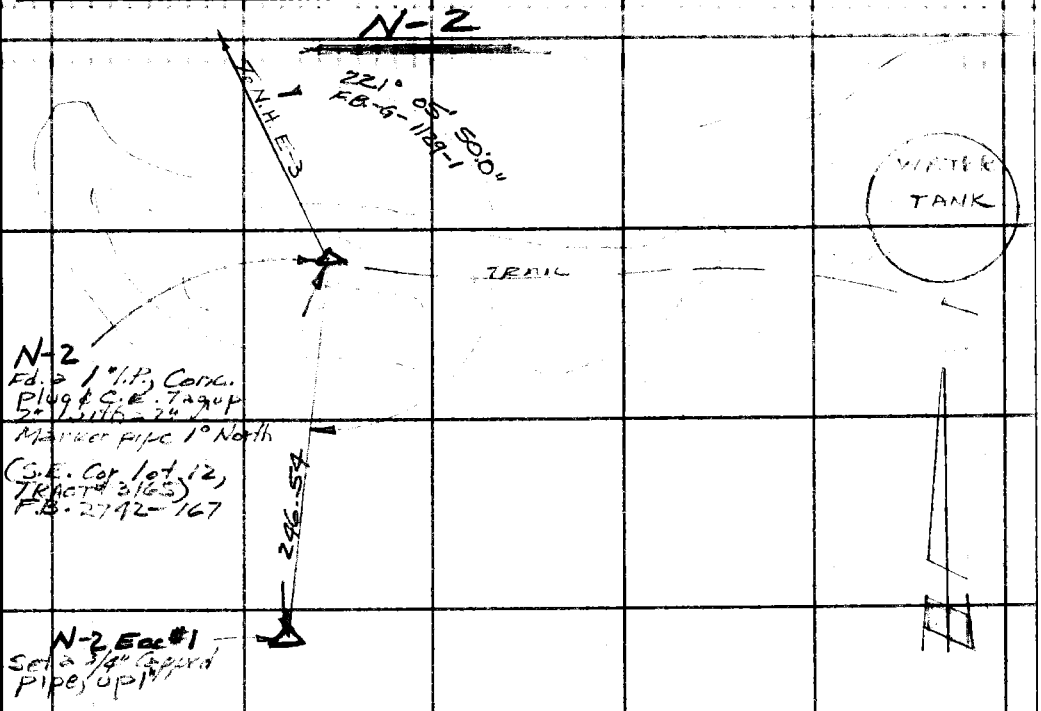


T = 82°

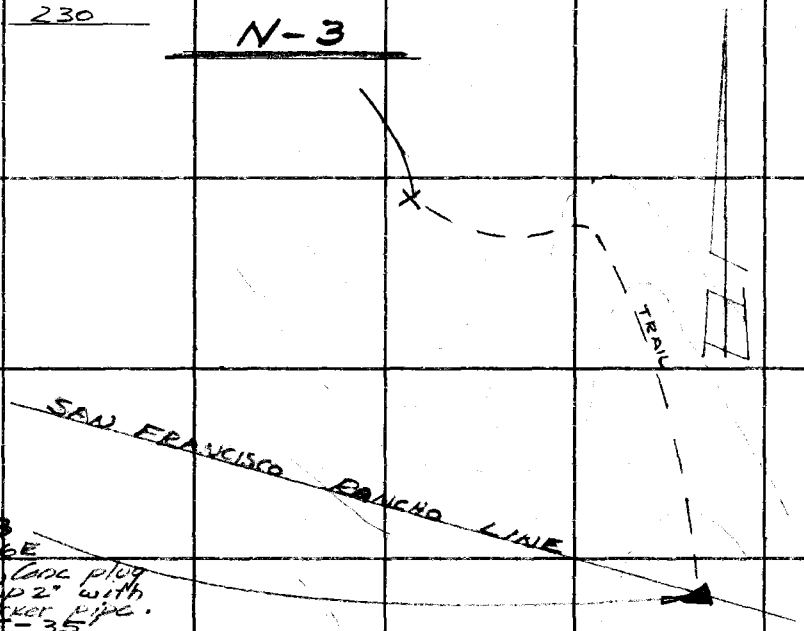
248.35 @ 6° 55' = = 246.54
248.18 @ 6° 36' =

To reach from Peachland Ave & Lyons Ave, go South on Peachland Ave. 0.5 miles to the end of pavt. Continue So. on dirt Rd. At 0.1 miles, enter locked gate. Go 0.35 to main ridge, turn right. Follow dirt road another 0.1 miles to water tank. Park & walk about 300' West along ridge to the Station

76F309S CE #310 6-62

F. B. 947 PG. 230

N-3



To reach N-3 travel Southerly on Wilky Gyn. Rd. from Lyons Ave, 1.2 miles, turn Easterly on dirt road, go 0.15 miles, drive up the canyon (south) about 400'. Hike up the Easterly spur, about 400' to the station

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Map No.	JN0302.01 Tape Std °F
Office Work	Surveyed by R.C. Bowers
Checked	Notes R.C.B. Date 5/66
Date	Indexed

F. B. 947 PG. 231

Noted on Index C
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Placed on Sur. Div. W.
Sketch on Geo. Desc. C

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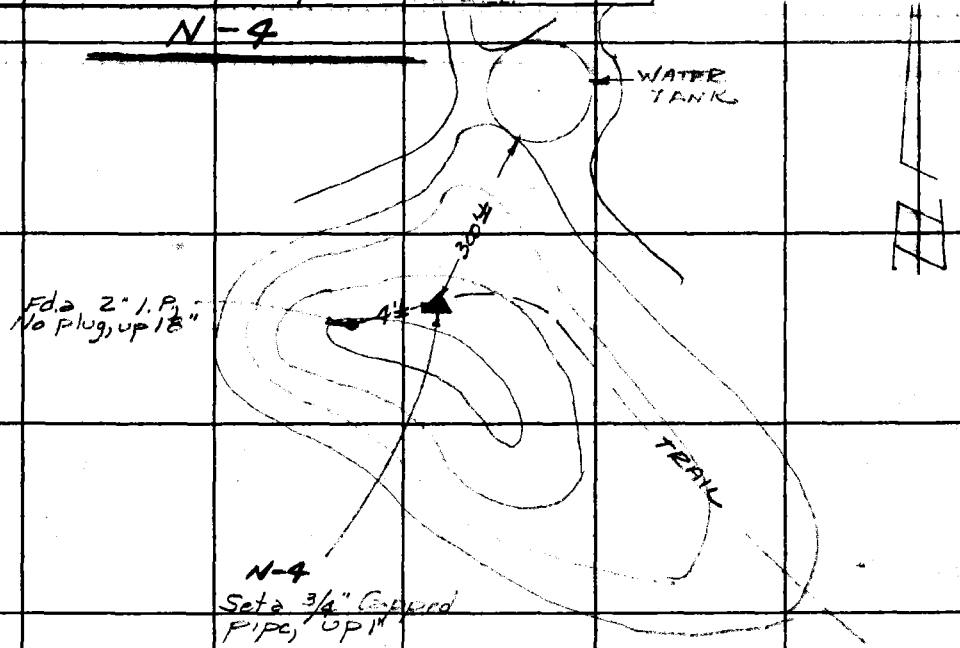


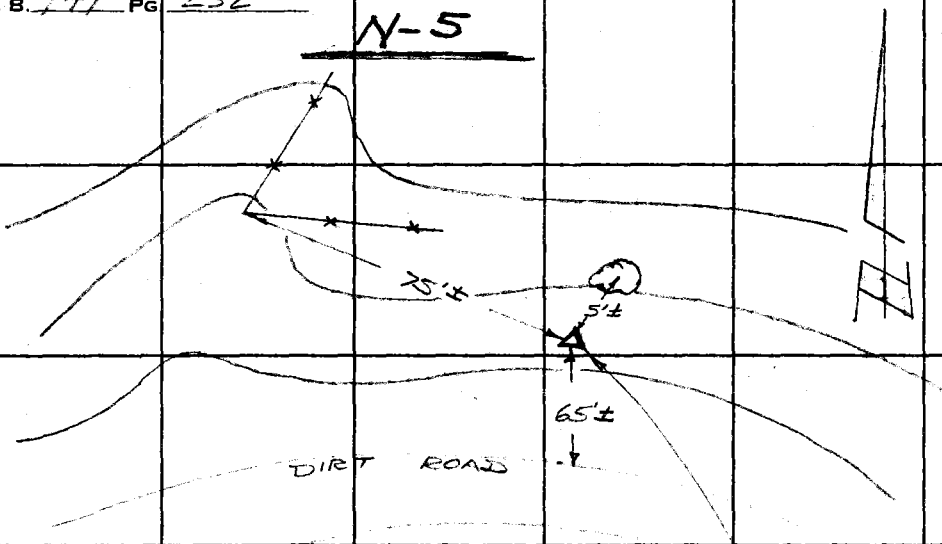
To reach N-4 from Lyons Ave & Valley St., travel South on Valley St. 0.7 miles, leave paut and continue So. on dirt road. At 0.2 miles, enter locked gate. Continue So. on main dirt road. another 0.4 miles & turn Lt. on dirt road. Go another 0.7 miles to road Jct. Park & hike North along spur about 400', turn West along ridge another 100' to the station.

DESCRIPTION IN ERROR: CHANGE "GO ANOTHER 0.7 miles to ROAD JCT" TO READ "GO ANOTHER 0.3 miles to ROAD JCT.". JGR 21-Mar-72

76F309S CE #310 6-62

F. B. 947 PG 232

N-5



N-5
6" ϕ 23.16
Fd. 2" I.P. Conc.
plug & C.E. Tag with
a 2" marker pipe
F.B. 3205-38

To reach from Lyons Ave & Valley St. travel South on Valley. At 0.7 miles, leave pavt & Continue So. on the dirt Rd. At 0.2 miles, enter locked gate. Continue South on main dirt road. Go another 0.4 miles, Turn Lt. on dirt road. Go another 0.3 miles to Jct., keep Right. Go another 0.7 miles to a spur heading N.E. The station is North of the road approx 65'

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Map No.	JN 0302.01 Tape Std °F
Office Work	Surveyed by R.C. Bowers
Checked	Notes RCB Date 5/66
Date	Indexed

F. B. 947 Pg. 233

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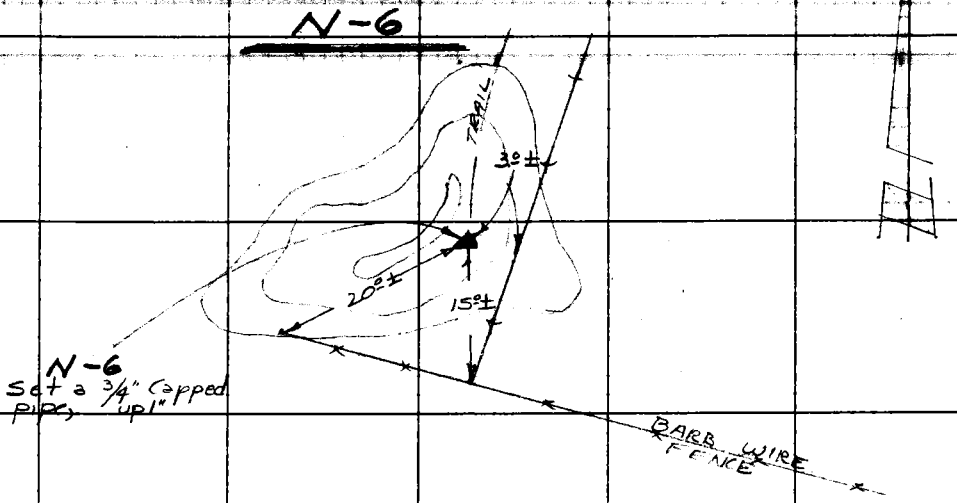
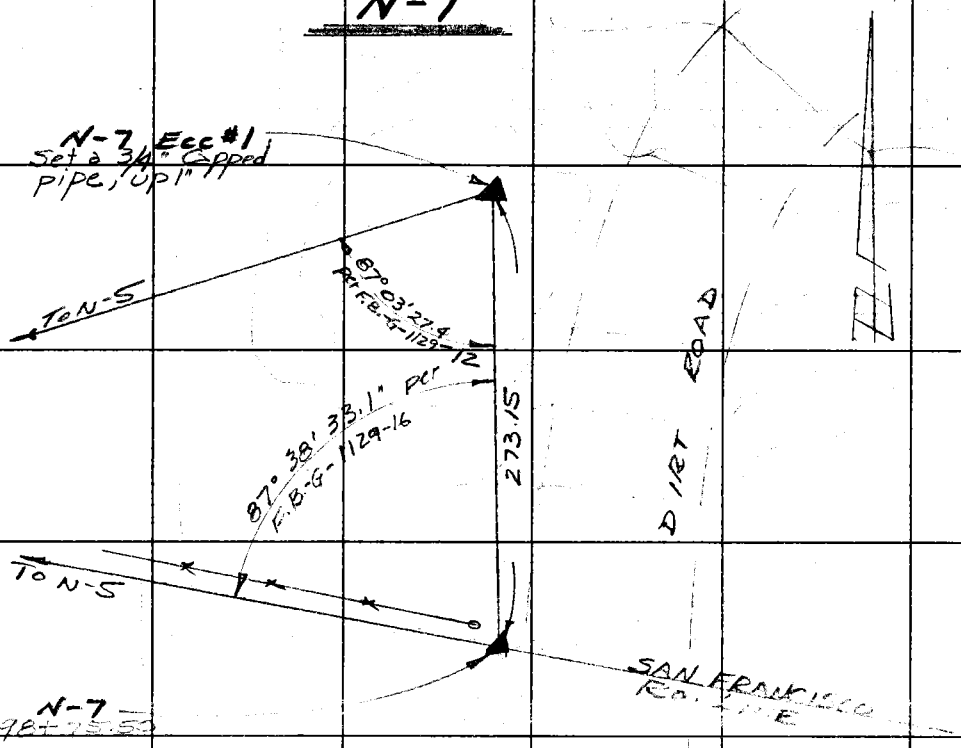


To reach from the Jct. of Lyons Ave & Valley St., drive South on Valley St. 0.4 miles to 8th St., turn east. go 0.25 miles to Cross St., turn South, go 0.1 miles to Market St., turn east, go on Market St. 0.1 miles to the first Curve, Continue Straight on dirt road to locked gate. Follow the main dirt road South along the ridge 0.55 miles. Park & hike south on the spur about 400' to the top of the nob. The station is on the S.E. side of the nob.

76F309S CE #247—3-57

F. B. 947 PG. 234

N-7



Fd. a 2" I.P. Conc. Plug & C.E. Tag, up 3' per F.B. 3205-39

T = 54°
196.55 @ 5°20' = 195.70 = 195.70
196.62 @ 5°31' = 195.71
77.50 @ Level

77.50
273.20 adj
273.15

To reach N-7, Travel Southerly up Valley St. 0.45 mi. from Lyons Ave., Turn Lt on 8th St., go 0.3 mi., Turn Rt. on Cross St., go 0.35 mi. to Davey Ave, turn Lt. go 0.1 mi. to Wildwood Cyn. Rd., turn Rt. Continue up Wildwood Cyn. Rd 0.5 mi. to a locked gate. Continue. At 0.3 mi., a dirt road enters from Rt., go straight another 0.2 mi., turn Lt. at Jct of dirt roads, go another 0.6 mi, turn Lt. at Jct of dirt roads. go 0.1 miles to a saddle. The station is on the Northerly side of Saddle on the west side of the road.

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Notes Ck'd by	Survey of San Francisco Ro. Line	F. B. 747 PG. 235
Map No.	JN 0302.01 Tape Std °F	
Office Work	Surveyed by R.C. Bowers	
Checked	Notes RCB Date 5/66	
Date	Indexed	

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Sketch on Geo. Desc. Card

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
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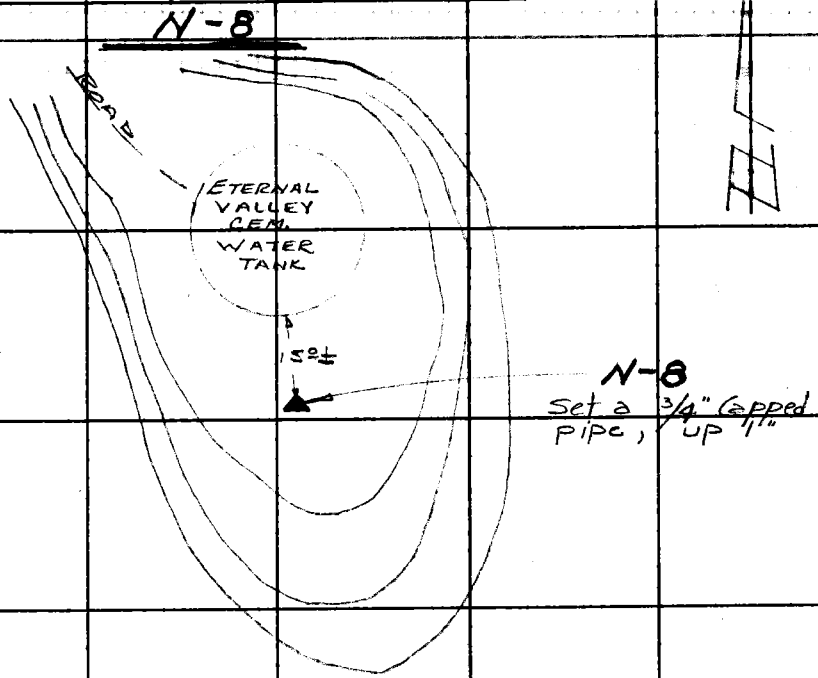
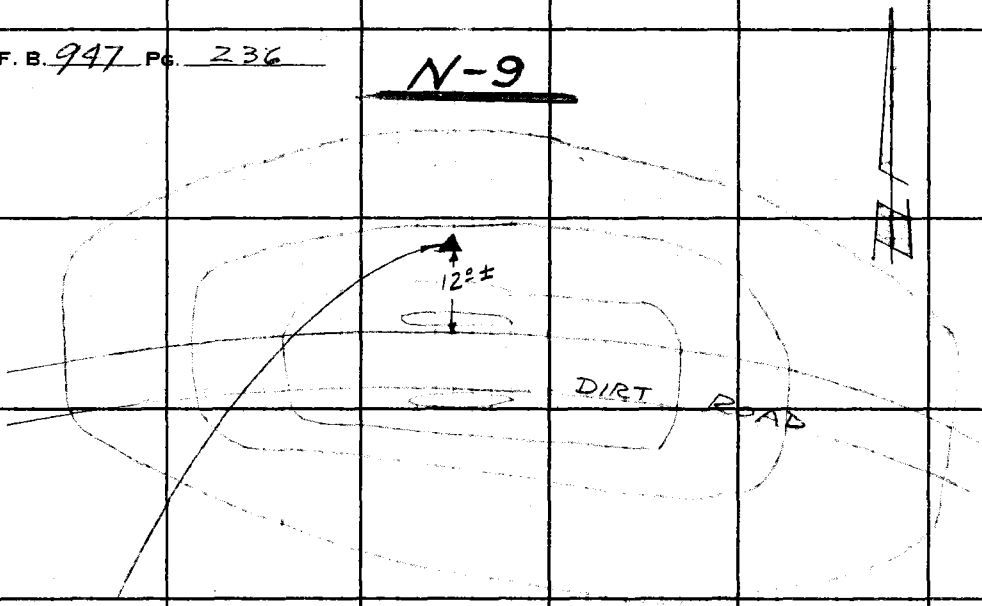


To reach this station from San Fernando Rd & Route 14, go 500' North on San Fernando Rd, turn West into the main enterance of Eternal Valley Cemitary, take the center road west (Bet. the Gardens of Devotion & Pioneers.) At 0.2 miles, leave the pavt. and continue west up the dirt road in the bot. of Canyon. Follow this road up the spur 0.3 miles to the top of spur. Turn South (left) on dirt Rd., go 0.1 miles to Jct., keep Rt. and park at the tank. The station is South of the tank.

76F309S CE #310 6-62

F. B. 947 Pg. 236

N-9



N-9

Set a 3/4" Capped pipe, up

To reach this station from Hwy 99 & Lyons Ave, travel South on Hwy 99 3.4 miles, turn West up oiled road, go 0.6 miles, turn Left onto dirt Rd., go 0.7 miles, turn left onto another dirt road heading Easterly along the top of ridge. Go 0.2 miles to top of saw. mtn. the station is on the North side of the road.

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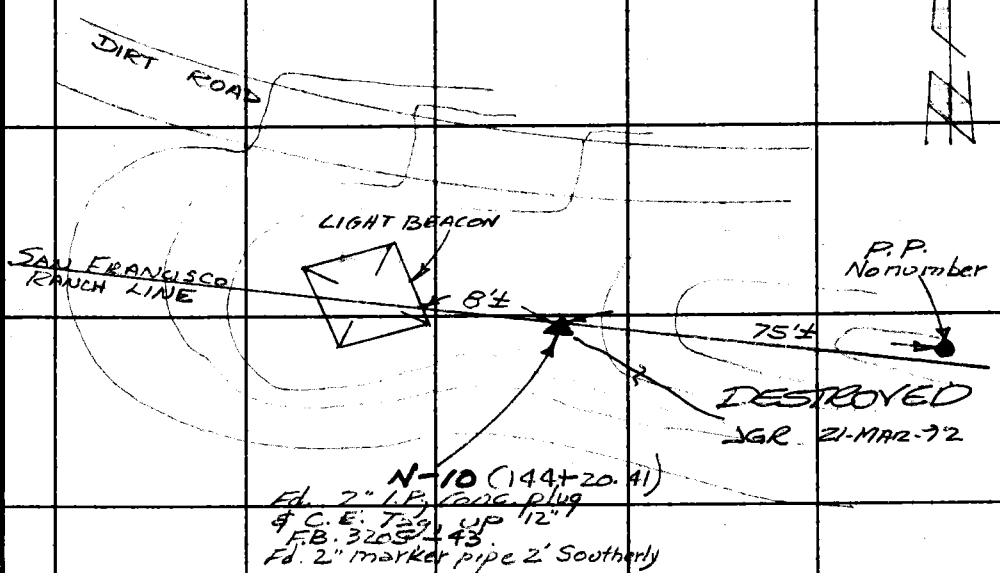
Notes Ck'd by	Survey of San Francisco Ra. Line	F. B. 947 PG. 237
Map No.	JN 0302 01 Tape Std °F	
Office Work	Surveyed by R. C. Bowers	
Checked	Notes RCB Date 5/23/66	
Date	Indexed C. J. GALLI	

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

N-10



To reach this station from San Fernando Rd & Route 14, go 500' North on San Fernando Rd., turn West into the Main enterance of Eternal Valley Cemitary, take the center road road west (Bet. the Gardens of Devotion & Pioneers). At 0.2 miles, leave the Pavt. and Continue West up the dirt road in the Bot. of Canyon. Follow this road up the spur 0.3 miles to top of spur, turn South on dirt road, go 0.1 miles to jct. at Water tank, Keep Left., follow main road along ridge southerly 0.6 miles. Park & hike 300'± East up abandoned dirt road to top of ridge, the hike 600'± Southerly along road to light beacon.

NOTE: N-10 HAS BEEN DESTROYED, DURING THE REMOVAL OF THE LIGHT BEACON J.GR 21-MAR-72

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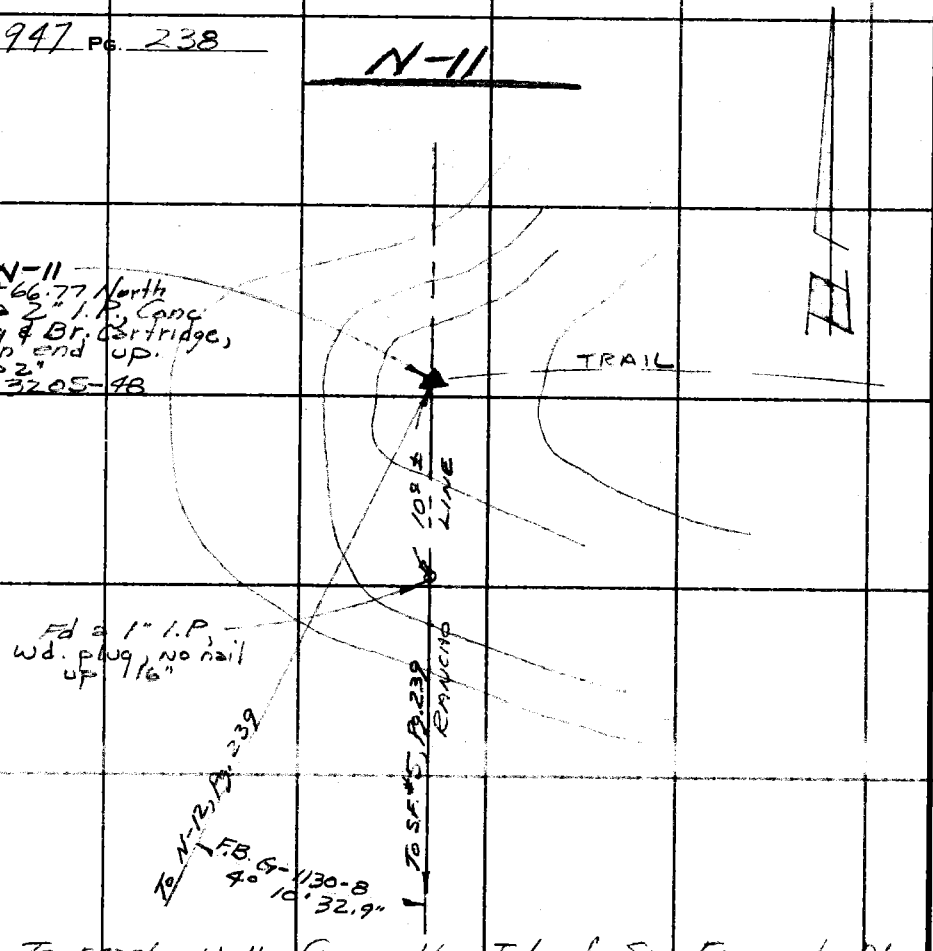
76F309S CE #310 6-62

F. B. 947 PG. 238

N-11



To reach N-11 from the Jct. of San Fernando Rd. & Route 14, travel Southerly on Rt. 14 0.4 miles to Remsen St., Turn Eastly, go 0.45 mi, turn Lt, following the main oiled road 0.2 miles, turn Lt. onto an oiled road heading N.E. Go 0.5 miles to cut on the top of a spur. Park, as the road is impassable. Hike along same road approx 0.5 miles to the saddle on a spur running E.-W. Hike west approx 300' to the station

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

Survey of San Francisco Rd. Line
JN 0302.01 Tape 175 Std 84 °F
Surveyed by R.C. Bowers
Notes ACB Date 5/13/66
Indexed

F.B. 741 PG. 237

Mated Geo. Index Card
Plt U.S.G.S. Quad. Shts.
Plat San Sur. Dist. W.S. No.
Checked on Geo. Index Card

NOTE
Y's MEAS. BY R.P. Wenne 12-9-66 WITH TRANSIT

N-12

① 89° 58' 00"
④ 359° 52' 00"
⑥ 179° 48' 00"
89° 58' 00" —

1" Pg. N 38

To S.F. #4

CIRCLED IN RED

S'ly Line Rd. San Francisco

90° 02' 00" Calc.

66° 00' 30" FB 3205-45

S.F. #5 Line Rd. San Francisco

85° 46' 30" ①
343 + 07 - 15 ④
154 - 42 - [illegible] ⑤
85° 46' 45" Ⓐ

46° 24' 00" ①
185 - 37 - 00 ④
278 - 25 - 15 ⑥
46° 24' 12" Ⓐ

168 + 22.9 / E = 01000 N.
S.F. No. 5
Fd. a 2" I.P., Conc. plug & C.E. Tag, Dn. 1.8' ± PCI FB. 3205-45

89° 57' 15" ①
359 - 49 - 45 ④
179 - 44 - 15 ⑥
89 - 57 - 22 Ⓐ

85° 46' 45" FB 3205-45 Pg 112 Y=27

33.9 =

377.21

89° 57' 22" Meas.

46° 24' 12"

43° 38' 25"

N-12
Fd. a 2" I.P., Conc. plug & C.E. Tag, up 6' PCI FB. 3205-12
Fd. a 2" Marker pipe 2' West

Line Prod.
Fd. a 1" I.P., Conc. plug & C.E. Tag, flush on top of ridge, on the No. Side of dirt road FB. 3205-45

43° 38' 30" ①
174 - 33 - 45 ④
261 - 50 - 30 ⑥
43° 38' 25" Ⓐ

T = 68°

102.92 @ 23° 07' = 94.66 = 94.65
103.41 @ 23° 45' = 94.65

31.52 @ Lev = 31.52

296.56 @ 32° 09' = 251.08 = 251.08
296.30 @ 32° 04' = 251.09

377.25
.04
377.21

To N-12

To reach N-12 from the Jct. of San Fernando Rd. & Route 14, Travel Southerly on Rt. 14, 0.4 miles, turn Easterly on Reinsen St., go 0.5 miles, bear left, go another 0.1 miles, bear left to a locked gate. Follow the oiled road 0.2 miles to S.F. No 5, Continue 0.2 miles to the top of the ridge, turn West (Rt.) on the upper dirt Rd. 0.1 miles to a barb wire fence. Hike west up the ridge to top, (200') head north on spur about 300' to the station.

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79 F 3095 C.E. #310 6-62

F. B. 947 PG 240

NEWHALL E-3
Fd. a C.E. Br. disk set in Conc. Stamped "L.A. County Survey Control System, Triangulation Station, Newhall E-3, 1956, E.E. 5869"
F.B. 947-67, 68

P.O.T.
Set 1X2 4N. flush

Int.
Set 1" I.P. Conc. plug & C.E. Tag, flush by Int. of Rancho Line Prod. and Geodetic Line

NEWHALL H-3
"Edison"
Fd. U.S.C.&G.S. Br. disk in a Conc. ped per F.B. 947-65, 66 & 241

104.86
Geodetic Line
51.37
Geodetic Line
S 69° 01' 10.84" E

T = 104°
106.29 @ 9°27' = 104.85
106.15 @ 8°57' = 104.86 = 104.85
.01
104.86

T = 104°
57.72 @ 27°08' = 51.37
57.46 @ 26°39' = 51.36 = 51.36
.01
51.37

178.62
57° 54' 32"

T = 104°
Lev = 178.60
.02
178.62

P.O.T.
Set 1X2 4N, flush top spur

D 57° 54' 30"
A 231° 38' 10"
B 347° 27' 10"
57° 54' 32"

T = 104°
149.09 @ 13° 58' = 144.68
148.93 @ 13° 42' = 144.69 = 144.68

273.35 @ 8° 54' = 270.06 = 270.06
273.18 @ 8° 40' =

414.74
.05
414.79

Co. Line Prod.
414.79

P.O.T.
Fd. 1X2 4N, flush per F.B. 3205-34

557.04
F.B. 3205-34

S.F. No 3
Nothing Fd. or set
F.B. 3205-34

S.F. Bo. Line

5.01

B.M. to S.F. No 3
Fd. a 3" I.P. Conc. plug & Cartridge case, open end up, up 3" per F.B. 3205-34

S.F. Bo. Line

S.F. No 4 = N-1
Fd. a 2" I.P. Conc. plug & C.E. Tag, Dn. 16" per F.B. 3205-33
F.B. 947-228

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Notes Ck'd by	Survey of San Francisco Rodline	F. B. 147 PG. 241
Map No.	JN 0302.01 Tape 174 Std 84 °F	
Office Work	Surveyed by R.C. Bowers	
Checked	Notes RCB Date 5/23/66	
Date	Indexed S. J. GALLI	

Notes: Sec. Index Card
Place S.G.S. Quad. Shts.
Placed on Sur. Div. W.S. No.
Sketch on Gen. Resc. Card

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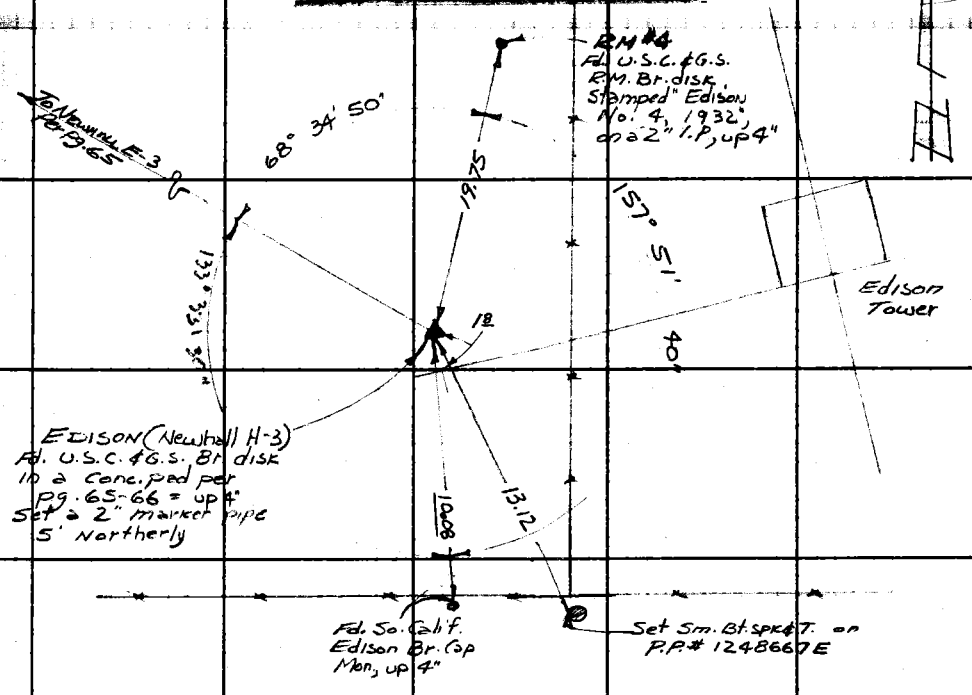
EDISON (NEWHALL H-3)



① 68° 34' 50"	① 157° 52' 00"	① 133° 33' 30"
② 137° 09' 40"	② 315° 43' 20"	② 267° 07' 00"
68° 34' 50"	157° 51' 40"	133° 33' 30"

To reach this station from Lyons Ave. & Valley St., drive So. on Valley St. 0.4 miles to 8th St., turn East (Lt.), go 0.25 miles to cross St., turn North (Lt.) up the private drive at House No 23155. Go 0.1 miles to level parking area. Hike Northerly up dirt road approx. 300' to top of ridge to the station.

76F3095 CE #310 6-62

F. B._____ PG _____

Note: A
Sheet
Ink W
Making

ER
BLDG.

stend this side of this line.